

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020730.D
 Acq On : 05 Jun 2019 11:17
 Operator : HP/JU
 Sample : PB120172BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Quant Time: Jun 05 18:22:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	344538	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1406836	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	788820	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1536784	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1147568	20.00	ng	0.00
87) Perylene-d12	23.67	264	1239473	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2809512	143.44	ng	0.00
7) Phenol-d6	6.99	99	3744441	129.83	ng	0.00
23) Nitrobenzene-d5	8.99	82	2225491	81.96	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1391991	142.43	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	5218041	87.94	ng	0.00
79) Terphenyl-d14	19.83	244	5876092	85.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	310080	38.668	ng	100
3) Pyridine	3.74	79	902865	35.387	ng	100
4) n-Nitrosodimethylamine	3.66	42	403488	36.686	ng	97
6) Aniline	7.16	93	1300211	31.158	ng	100
8) 2-Chlorophenol	7.39	128	1111156	45.602	ng	98
9) Benzaldehyde	6.97	77	322750	15.554	ng	99
10) Phenol	7.02	94	1361953	43.821	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	980609	39.590	ng	100
12) 1,3-Dichlorobenzene	7.71	146	1110419	39.652	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1131699	39.752	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1097512	39.614	ng	99
15) Benzyl Alcohol	8.07	79	993658	38.946	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1349831	35.298	ng	98
17) 2-Methylphenol	8.26	107	919114	42.055	ng	99
18) Hexachloroethane	8.90	117	413014	37.892	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	825824	35.622	ng	99
20) 3+4-Methylphenols	8.59	107	1223644	41.152	ng	100
22) Acetophenone	8.65	105	1532829	42.890	ng	99
24) Nitrobenzene	9.03	77	1197226	43.191	ng	98
25) Isophorone	9.55	82	2197265	40.681	ng	99
26) 2-Nitrophenol	9.73	139	538132	52.090	ng	97
27) 2,4-Dimethylphenol	9.79	122	1000505	51.683	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1351778	41.393	ng	99
29) 2,4-Dichlorophenol	10.26	162	1037809	48.456	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1095201	44.471	ng	98
31) Naphthalene	10.67	128	3175489	43.894	ng	99
32) Benzoic acid	9.93	122	539924	44.706	ng	100
33) 4-Chloroaniline	10.78	127	506876	15.055	ng	99
34) Hexachlorobutadiene	10.94	225	641910	43.441	ng	99
35) Caprolactam	11.57	113	243889	32.778	ng	97
36) 4-Chloro-3-methylphenol	11.90	107	1075014	43.171	ng	99
37) 2-Methylnaphthalene	12.27	142	2338576	43.611	ng	99
38) 1-Methylnaphthalene	12.50	142	2232582	43.725	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1237783	47.883	ng	99

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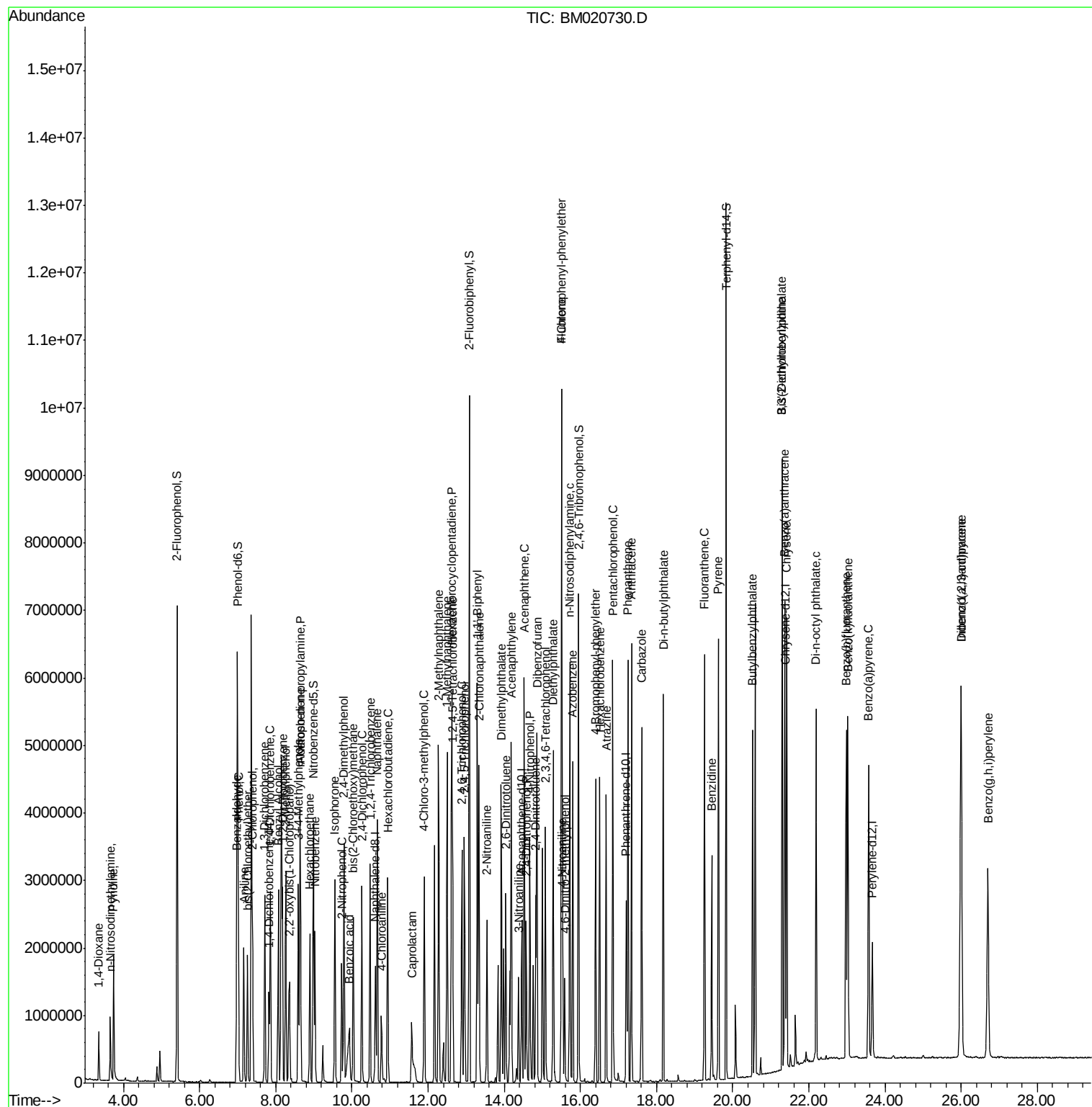
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1548127	100.135	nq	98
43) 2,4,6-Trichlorophenol	12.89	196	800352	48.100	nq	98
44) 2,4,5-Trichlorophenol	12.95	196	855957	49.828	nq	98
46) 1,1'-Biphenyl	13.29	154	2978819	45.216	nq	100
47) 2-Chloronaphthalene	13.33	162	2299712	43.251	nq	100
48) 2-Nitroaniline	13.54	65	650351	38.970	nq	98
49) Acenaphthylene	14.19	152	3633862	43.801	nq	99
50) Dimethylphthalate	13.92	163	2811432	41.717	nq	100
51) 2,6-Dinitrotoluene	14.04	165	607309	44.380	nq	97
52) Acenaphthene	14.53	154	2112546	42.729	nq	98
53) 3-Nitroaniline	14.37	138	372665	24.399	nq	96
54) 2,4-Dinitrophenol	14.58	184	491711	83.205	nq	97
55) Dibenzofuran	14.86	168	3317747	43.207	nq	99
56) 4-Nitrophenol	14.67	139	917643	81.529	nq	99
57) 2,4-Dinitrotoluene	14.83	165	796199	43.455	nq	99
58) Fluorene	15.51	166	2657080	42.078	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	723422	48.328	nq	98
60) Diethylphthalate	15.29	149	2786117	40.085	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	1416474	42.365	nq	100
62) 4-Nitroaniline	15.54	138	552712	34.121	nq	98
63) Azobenzene	15.80	77	2558446	38.394	nq	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	311093	45.134	nq	97
66) n-Nitrosodiphenylamine	15.72	169	2286876	46.485	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	831388	45.948	nq	98
68) Hexachlorobenzene	16.50	284	943277	44.645	nq	99
69) Atrazine	16.67	200	734591	50.031	nq	99
70) Pentachlorophenol	16.85	266	1055656	104.731	nq	99
71) Phenanthrene	17.25	178	3760655	43.171	nq	100
72) Anthracene	17.34	178	3832673	43.960	nq	99
73) Carbazole	17.61	167	3228337	40.804	nq	99
74) Di-n-butylphthalate	18.17	149	4138577	40.296	nq	99
75) Fluoranthene	19.26	202	3844335	39.684	nq	99
77) Benzidine	19.45	184	1671724	48.076	nq	99
78) Pyrene	19.62	202	3831110	43.504	nq	99
80) Butylbenzylphthalate	20.52	149	1520143	40.847	nq	100
81) Benzo(a)anthracene	21.37	228	3309615	41.414	nq	99
82) 3,3'-Dichlorobenzidine	21.30	252	931718	31.838	nq	100
83) Chrysene	21.41	228	3261812	42.939	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	2119493	39.186	nq	100
85) Di-n-octyl phthalate	22.19	149	3347222	38.979	nq	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4209084	54.160	nq	99
88) Benzo(b)fluoranthene	22.98	252	3485938	42.552	nq	100
89) Benzo(k)fluoranthene	23.03	252	3312182	41.372	nq	100
90) Benzo(a)pyrene	23.57	252	3347970	45.056	nq	99
91) Dibenzo(a,h)anthracene	26.00	278	3557078	49.342	nq	99
92) Benzo(g,h,i)perylene	26.70	276	3440919	51.387	nq	99

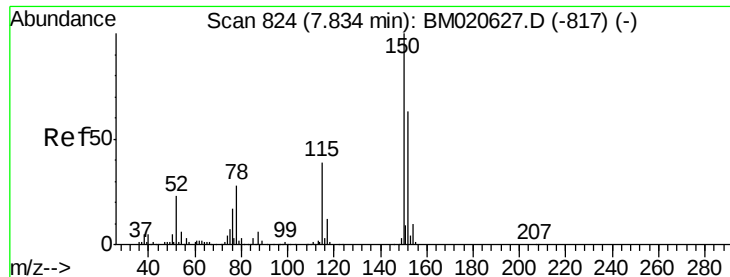
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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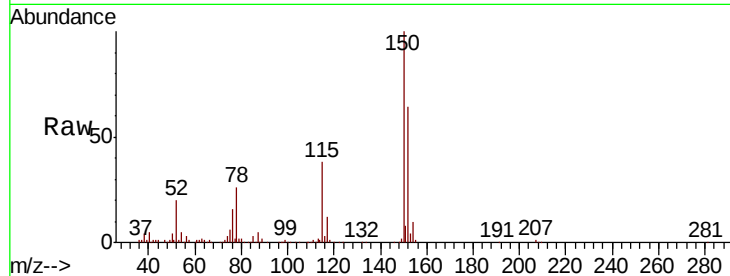


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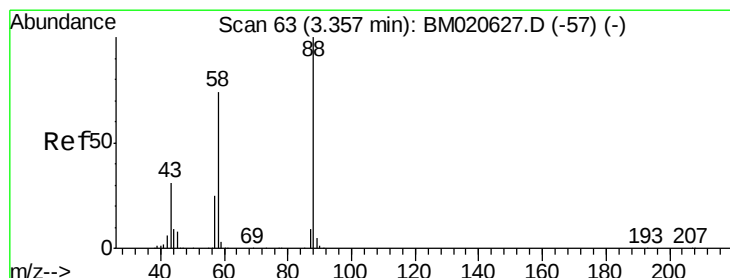
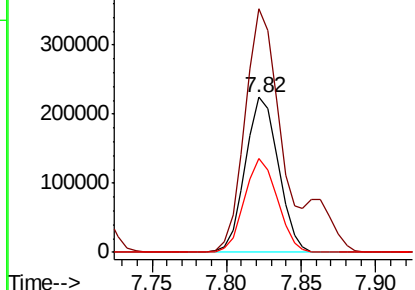
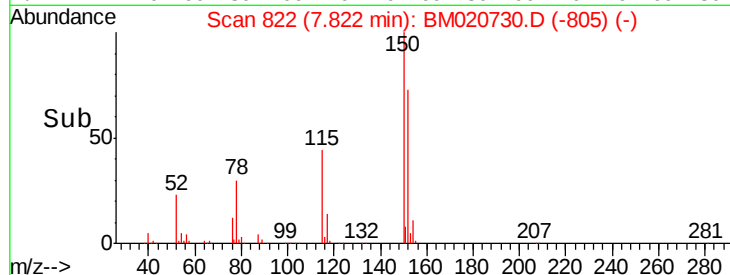
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:152 Resp: 344538
Ion Ratio Lower Upper
152 100
150 157.2 124.0 186.0
115 60.3 47.0 70.6



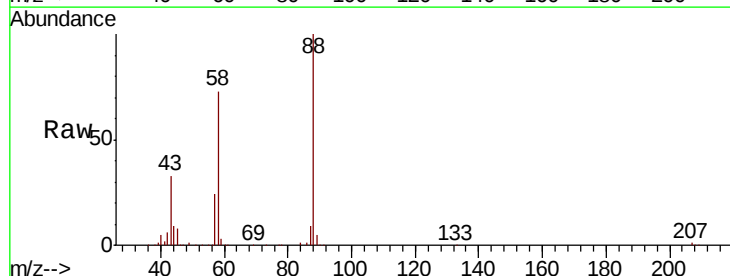
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



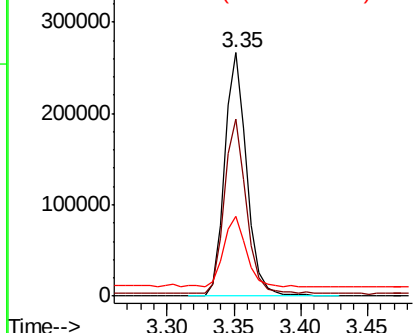
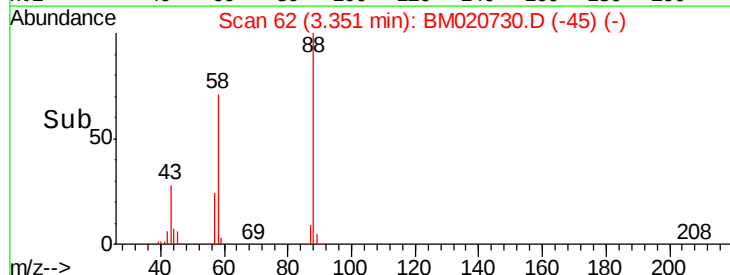
#2

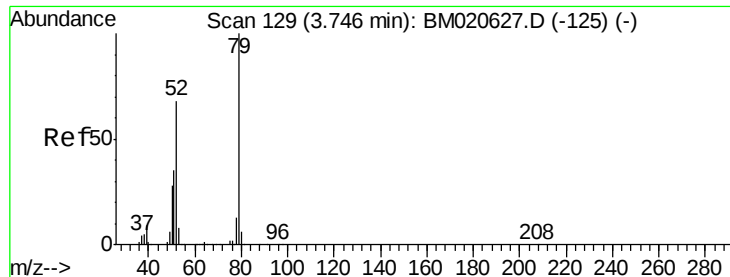
1,4-Dioxane
Concen: 38.668 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion: 88 Resp: 310080
Ion Ratio Lower Upper
88 100
58 71.1 57.2 85.8
43 30.2 24.2 36.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.387 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

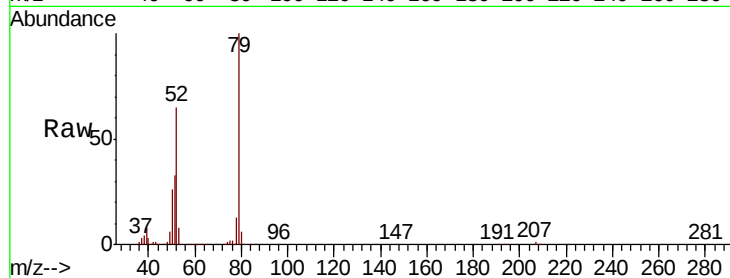
Tot Ion: 79 Resp: 902865

Ion Ratio Lower Upper

79 100

52 65.1 52.0 78.0

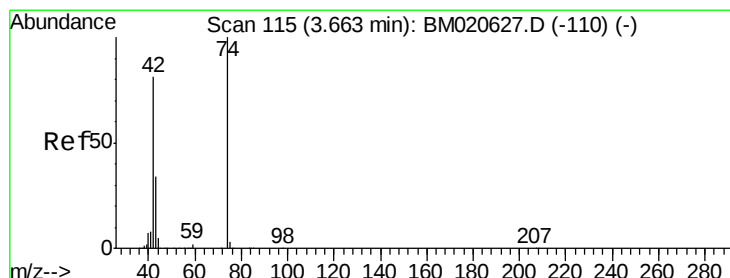
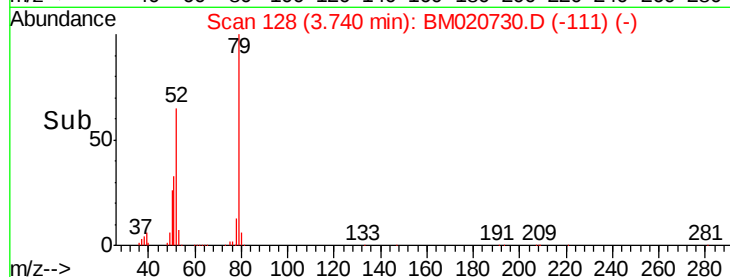
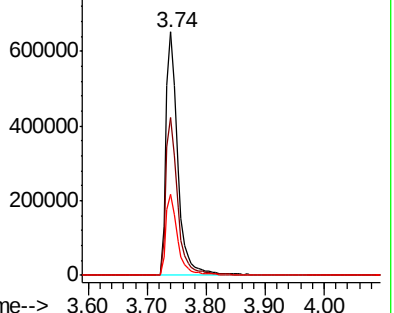
51 33.5 26.5 39.7



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 36.686 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

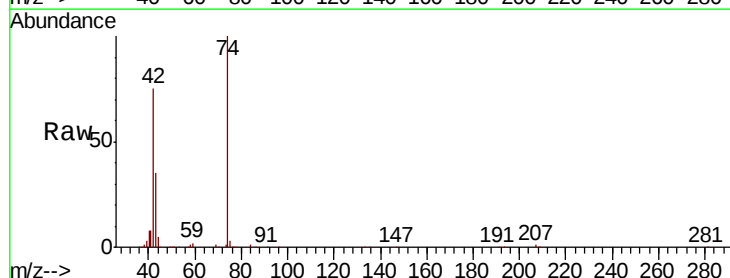
Tgt Ion: 42 Resp: 403488

Ion Ratio Lower Upper

42 100

74 133.0 103.3 154.9

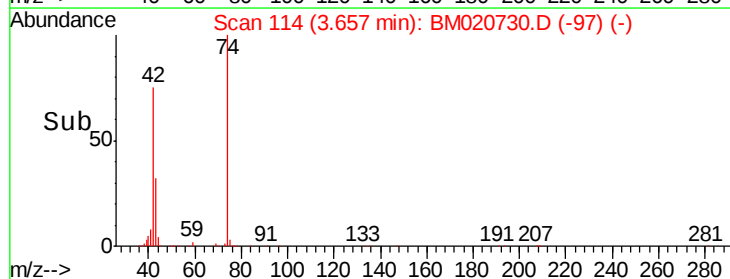
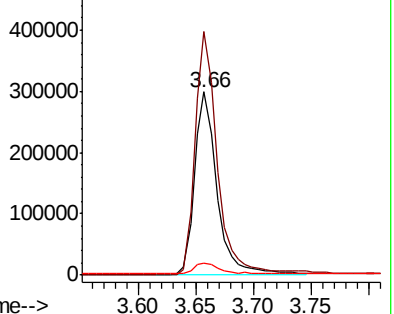
44 6.8 5.9 8.9

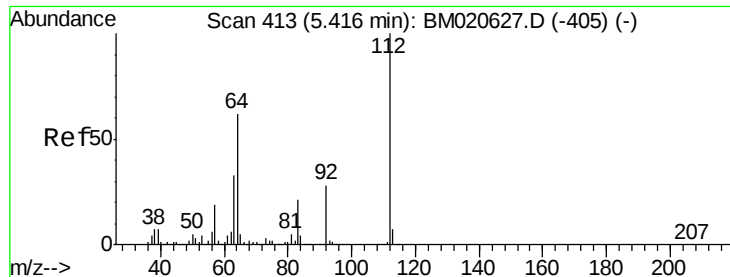


Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)





#5

2-Fluorophenol

Concen: 143.442 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

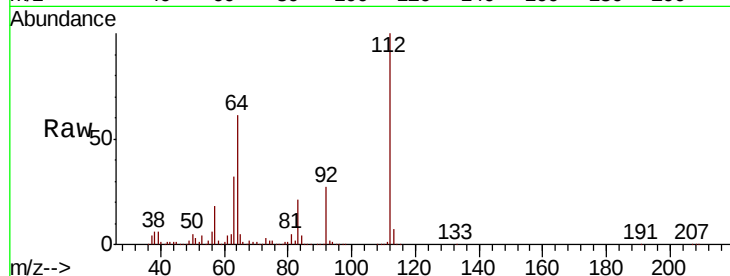
Tot Ion:112 Resp: 2809512

Ion Ratio Lower Upper

112 100

64 60.6 47.8 71.8

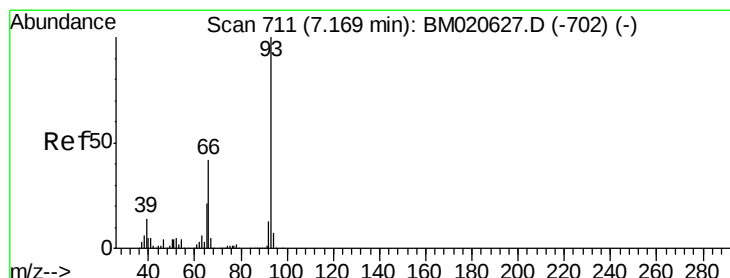
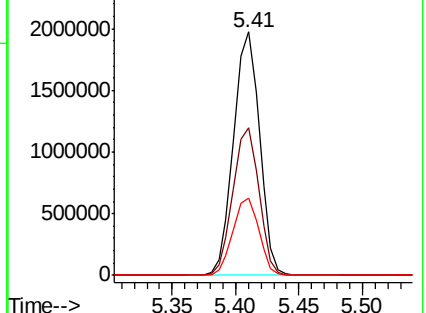
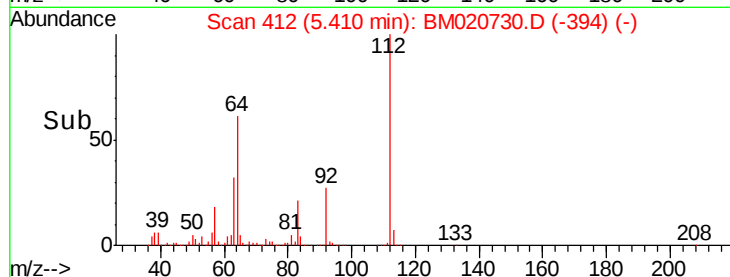
63 31.8 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.158 ng

RT: 7.16 min Scan# 710

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

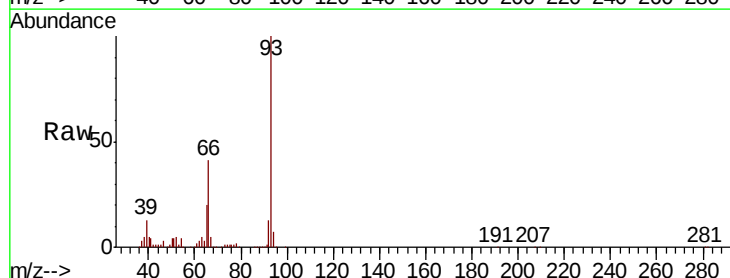
Tgt Ion: 93 Resp: 1300211

Ion Ratio Lower Upper

93 100

66 41.3 33.0 49.4

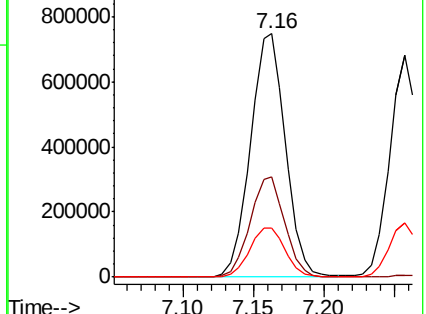
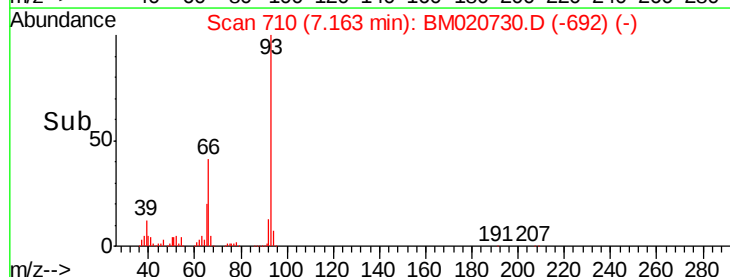
65 20.2 16.1 24.1

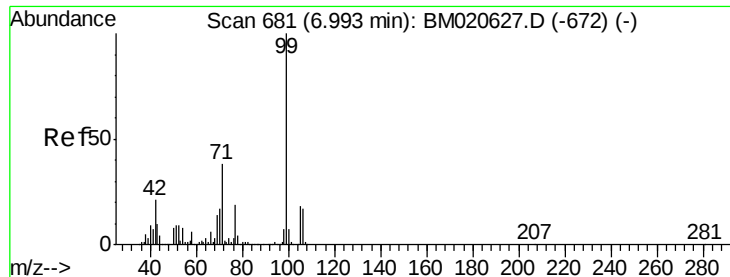


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 129.834 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

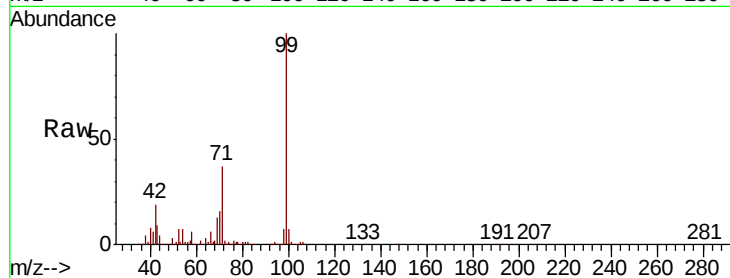
BNA_M

ClientSampleId :

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Tot Ion: 99 Resp: 3744441

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	37.2	29.5	44.3

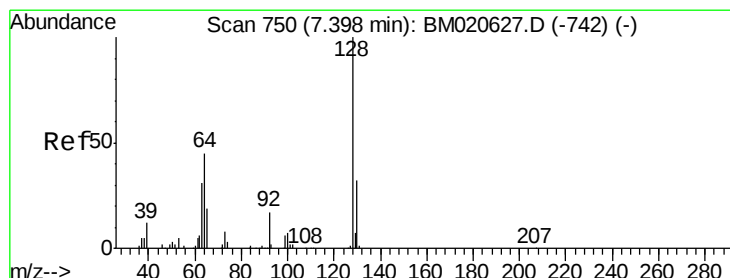
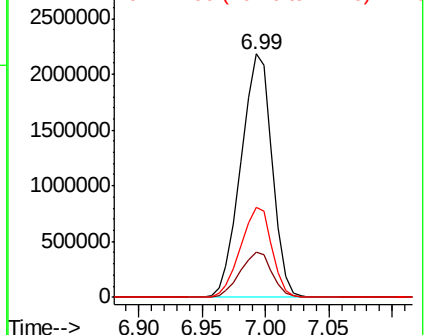
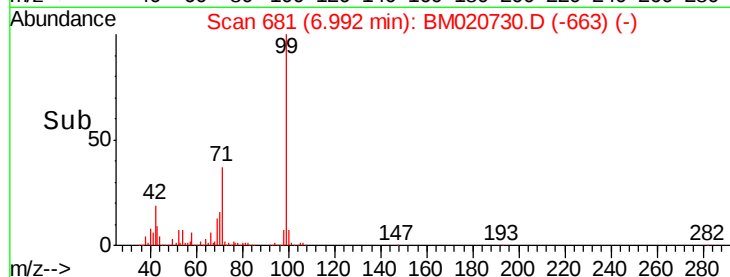


Abundance

Ion 99.00 (98.70 to 99.70): BM020730.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM020730.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM020730.D (-663) (-)



#8

2-Chlorophenol

Concen: 45.602 ng

RT: 7.39 min Scan# 749

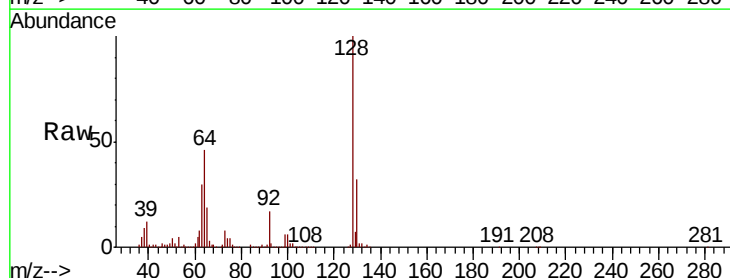
Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion: 128 Resp: 1111156

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	45.8	27.5	67.5

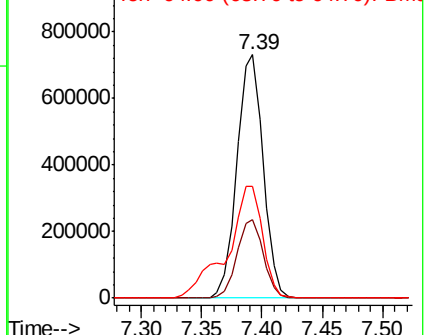
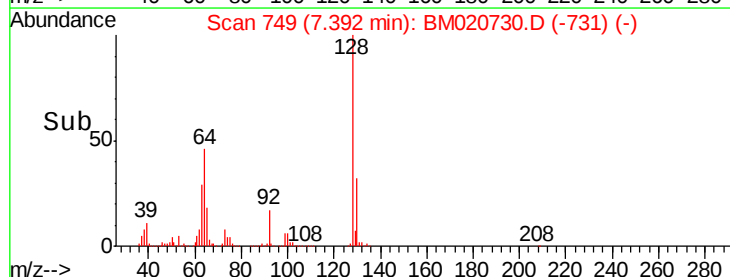


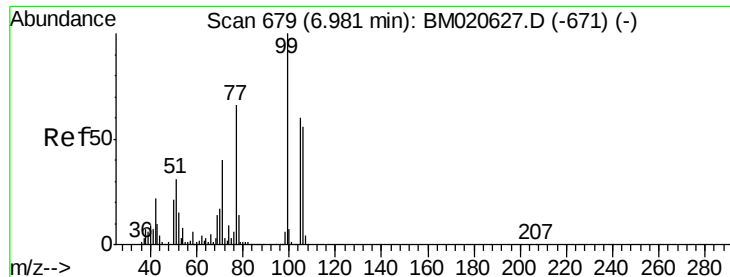
Abundance

Ion 128.00 (127.70 to 128.70): BM020730.D (-731) (-)

Ion 130.00 (129.70 to 130.70): BM020730.D (-731) (-)

Ion 64.00 (63.70 to 64.70): BM020730.D (-731) (-)





#9

Benzaldehyde

Concen: 15.554 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

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ClientSampled :

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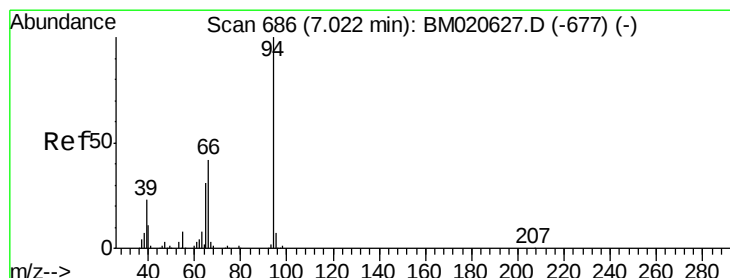
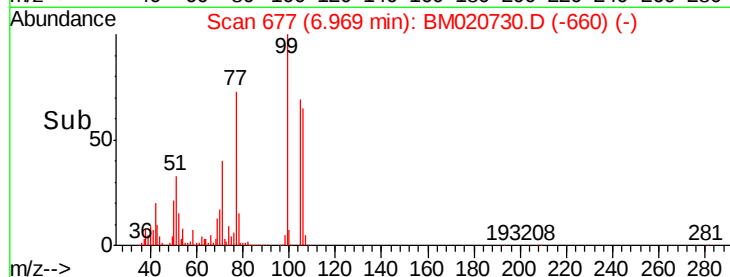
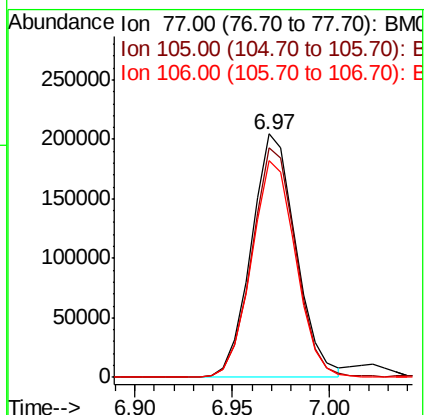
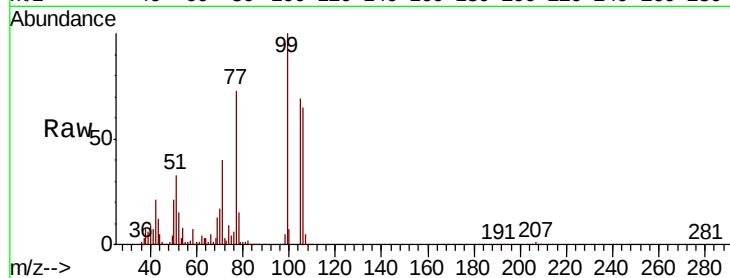
Tot Ion: 77 Resp: 322750

Ion Ratio Lower Upper

77 100

105 94.3 73.6 113.6

106 89.1 68.3 108.3



#10

Phenol

Concen: 43.821 ng

RT: 7.02 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

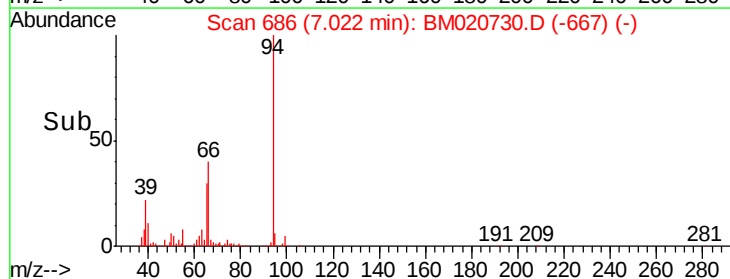
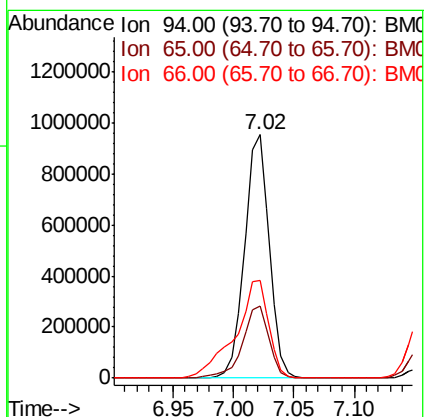
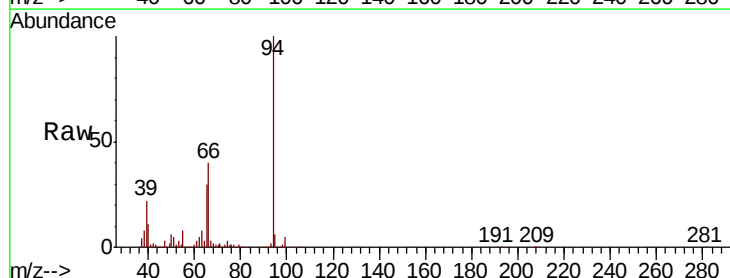
Tgt Ion: 94 Resp: 1361953

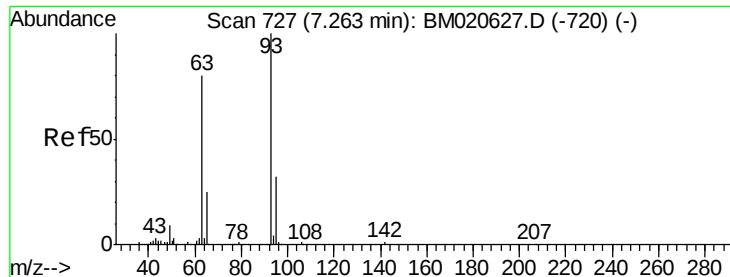
Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 40.0 20.7 60.7

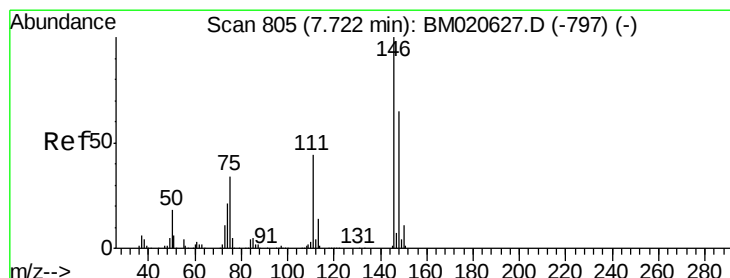
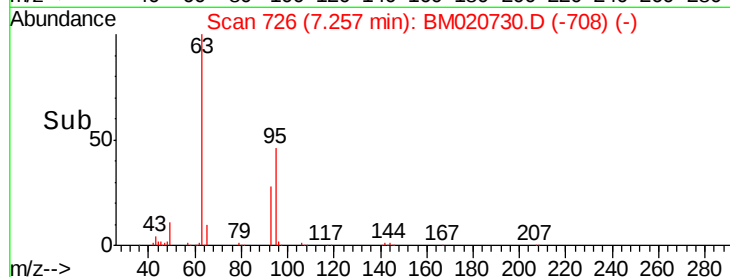
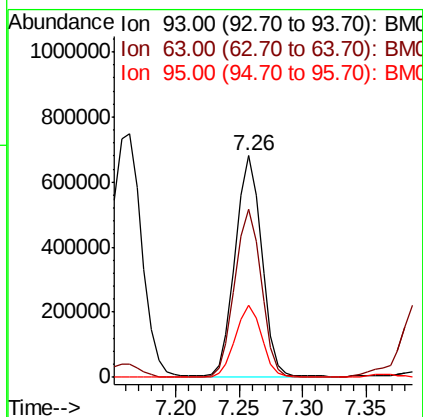
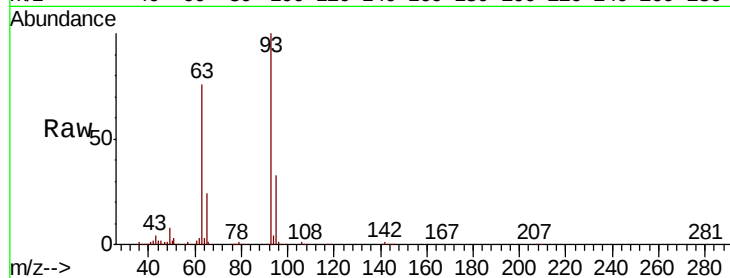




#11
 bis(2-Chloroethyl)ether
 Concen: 39.590 ng
 RT: 7.26 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

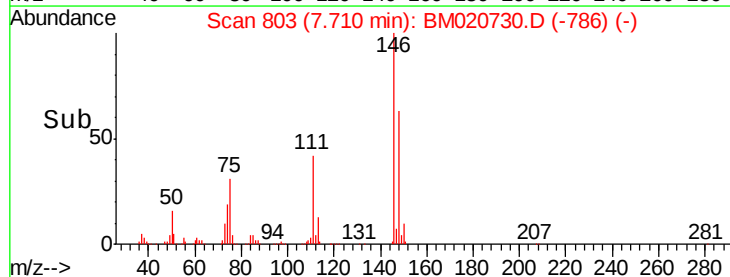
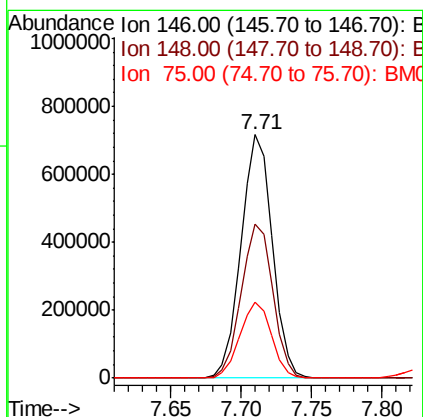
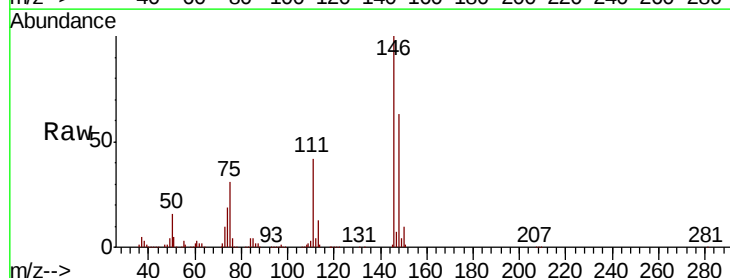
Instrument :
 BNA_M
 ClientSampleID :
 PB120172BS

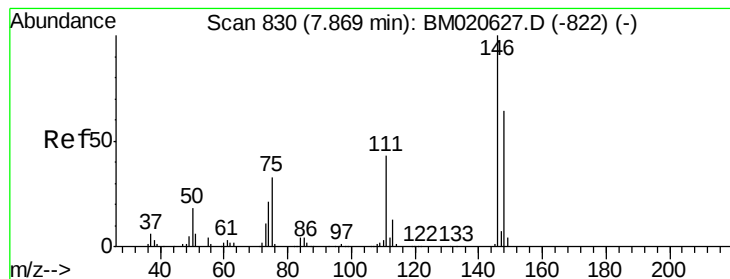
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	56.0	96.0
95	32.6	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 39.652 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
75	31.4	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 39.752 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

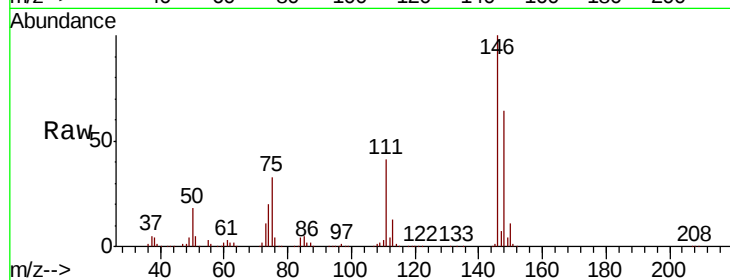
Tot Ion:146 Resp: 1131699

Ion Ratio Lower Upper

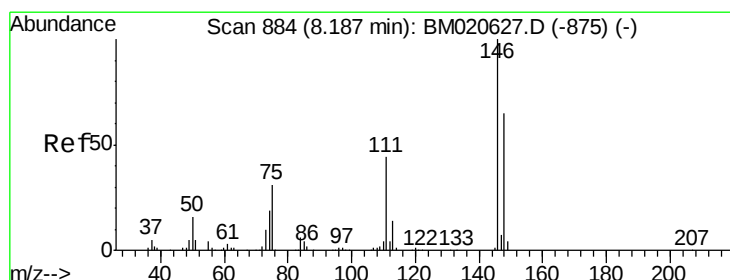
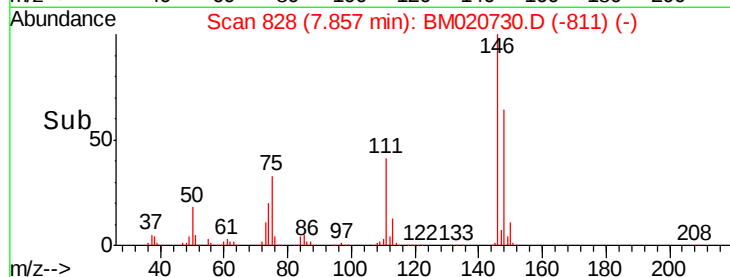
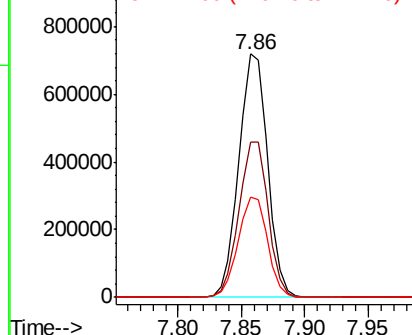
146 100

148 64.0 52.5 78.7

111 41.2 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.614 ng

RT: 8.17 min Scan# 882

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

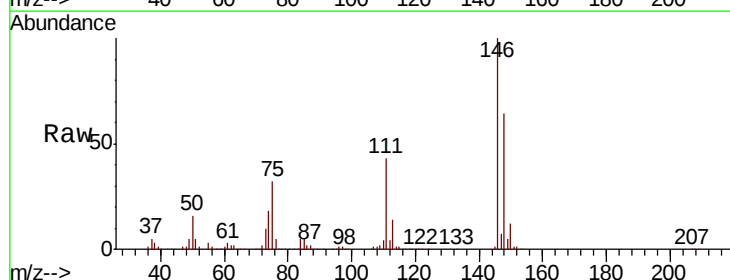
Tgt Ion:146 Resp: 1097512

Ion Ratio Lower Upper

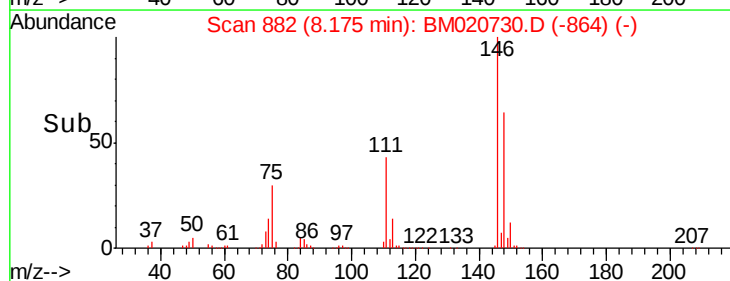
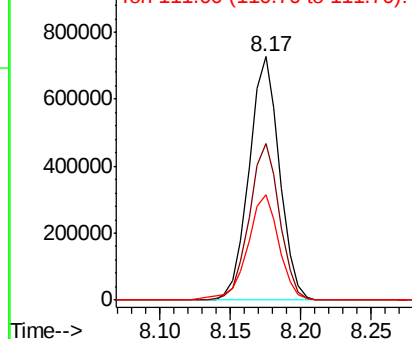
146 100

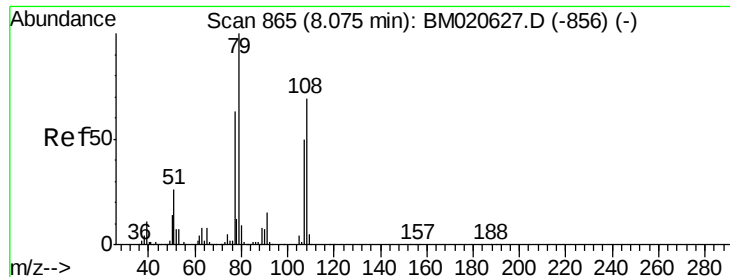
148 64.1 51.0 76.6

111 43.2 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.946 ng

RT: 8.07 min Scan# 864

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

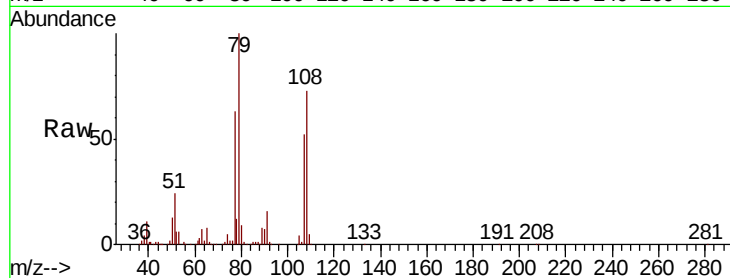
Tot Ion: 79 Resp: 993658

Ion Ratio Lower Upper

79 100

108 73.1 57.2 85.8

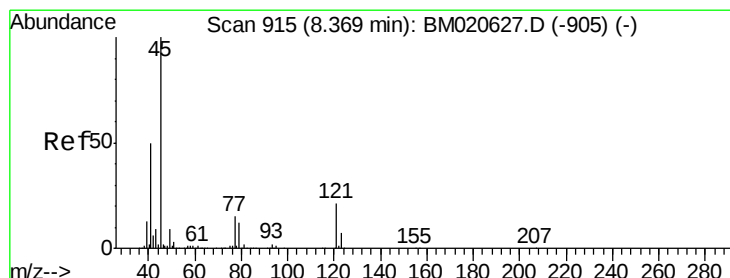
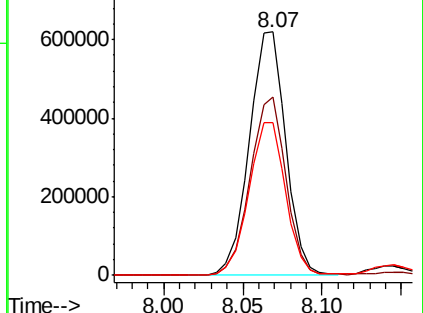
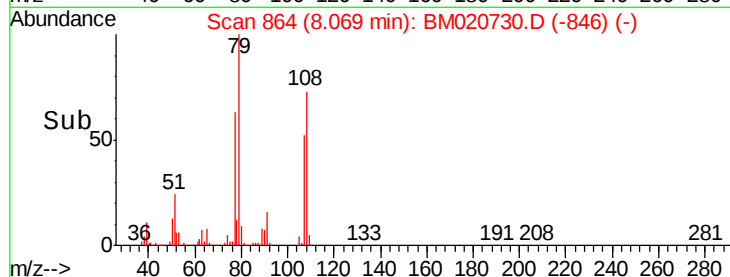
77 62.5 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BM020730.D (-846) (-)

Ion 108.00 (107.70 to 108.70): BM020730.D (-846) (-)

Ion 77.00 (76.70 to 77.70): BM020730.D (-846) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.298 ng

RT: 8.36 min Scan# 913

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

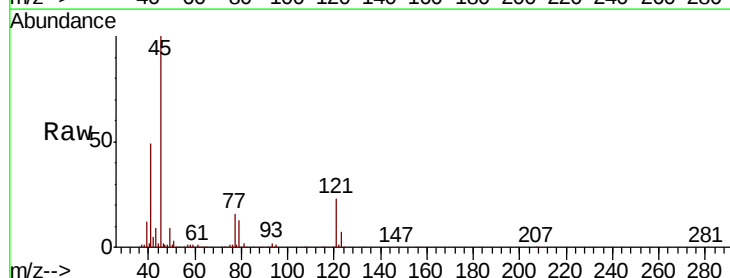
Tgt Ion: 45 Resp: 1349831

Ion Ratio Lower Upper

45 100

77 16.2 0.0 35.4

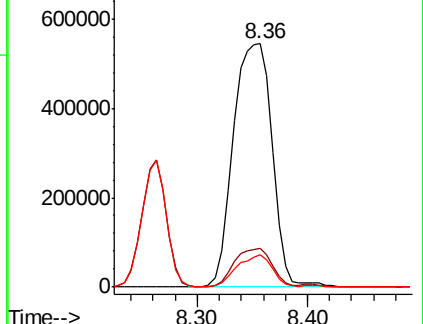
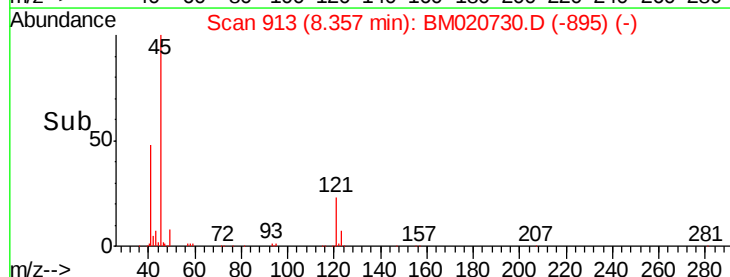
79 13.1 0.0 32.2

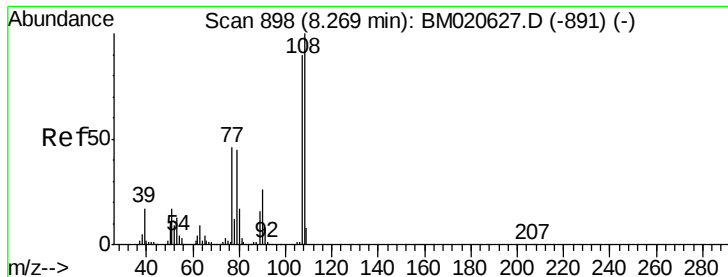


Abundance Ion 45.00 (44.70 to 45.70): BM020730.D (-895) (-)

Ion 77.00 (76.70 to 77.70): BM020730.D (-895) (-)

Ion 79.00 (78.70 to 79.70): BM020730.D (-895) (-)





#17

2-Methylphenol

Concen: 42.055 ng

RT: 8.26 min Scan# 897

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:107 Resp: 919114

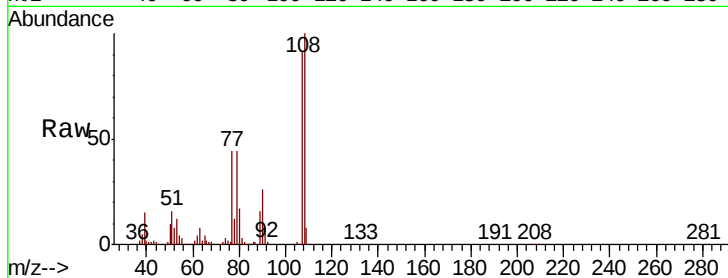
Ion Ratio Lower Upper

107 100

108 109.8 88.2 132.4

77 48.4 39.5 59.3

79 48.4 39.4 59.0

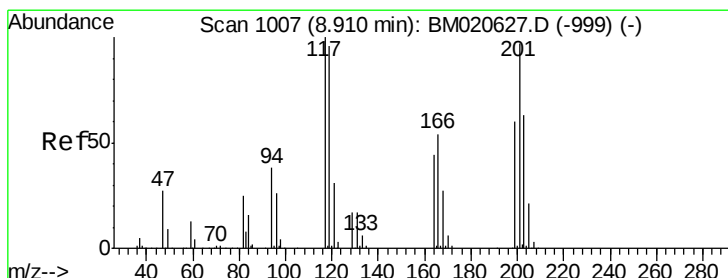
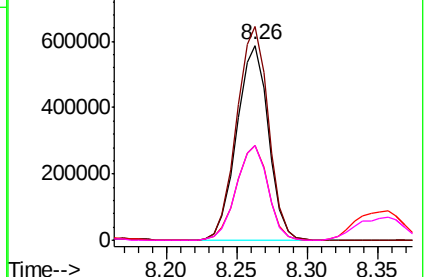
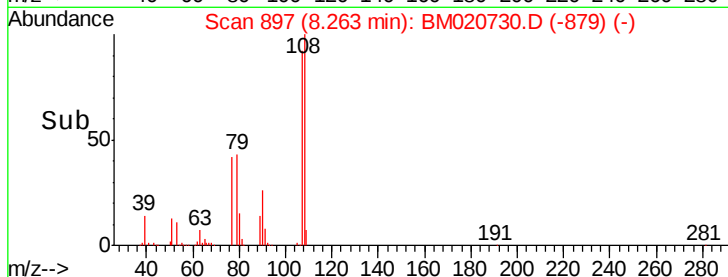


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 37.892 ng

RT: 8.90 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

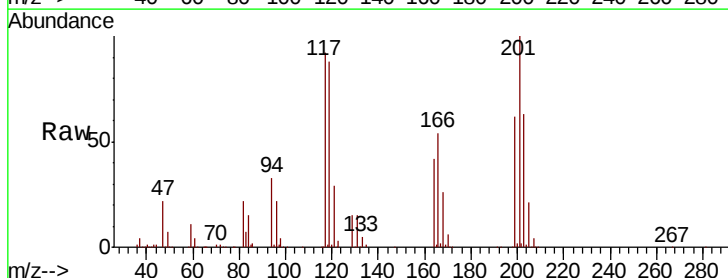
Tgt Ion:117 Resp: 413014

Ion Ratio Lower Upper

117 100

119 96.0 78.2 117.4

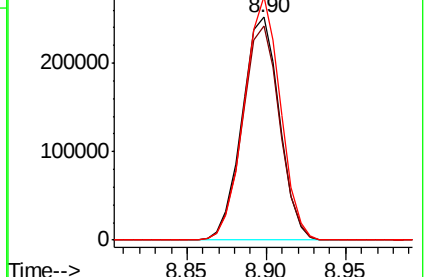
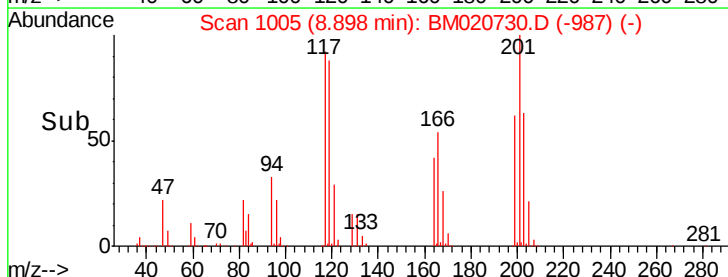
201 109.2 83.0 124.4

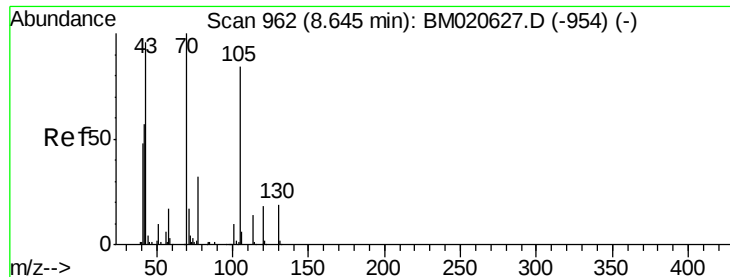


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

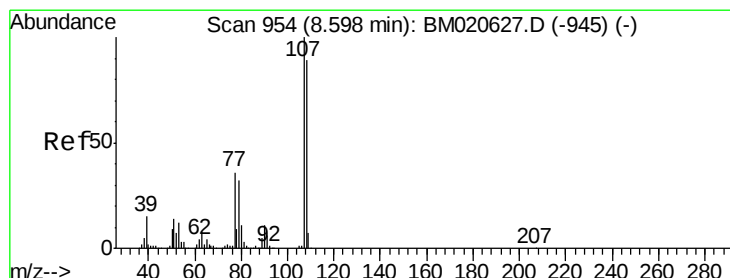
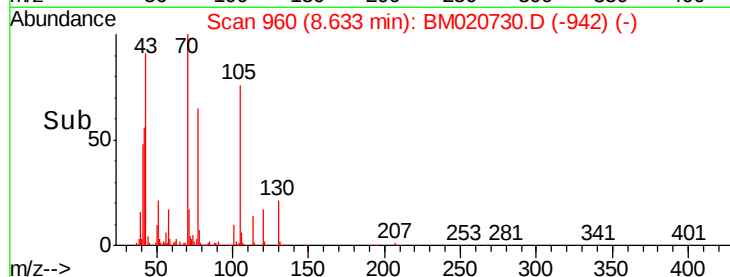
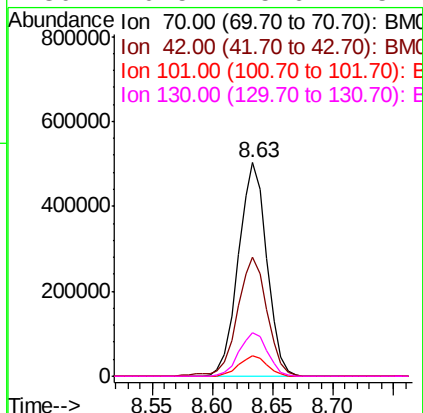
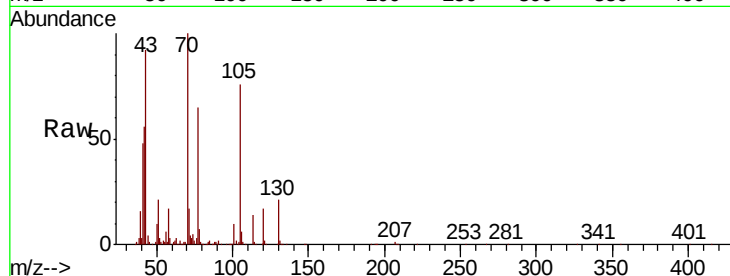




#19
n-Nitroso-di-n-propylamine
Concen: 35.622 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

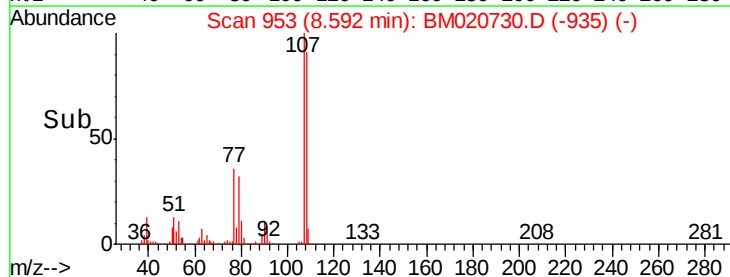
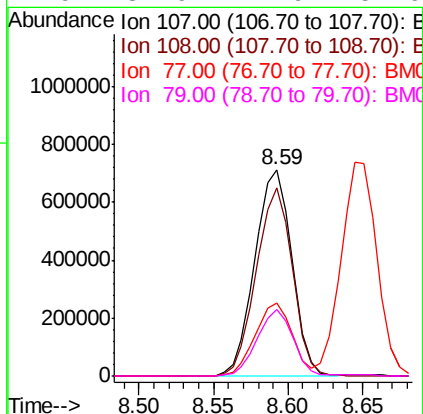
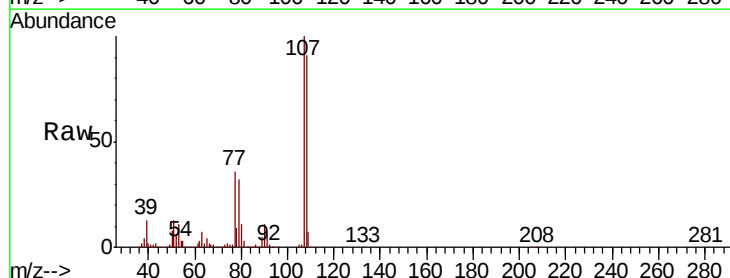
Instrument :
BNA_M
ClientSampleId :
PB120172BS

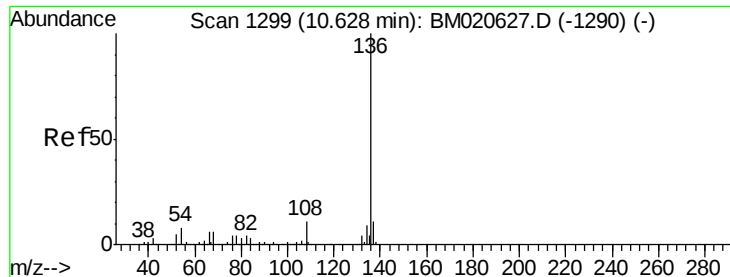
Tot Ion:	70	Resp:	825824
Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.2	66.2
101	9.6	7.2	10.8
130	20.5	15.6	23.4



#20
3+4-Methylphenols
Concen: 41.152 ng
RT: 8.59 min Scan# 953
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:	107	Resp:	1223644
Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.3	110.3
77	35.6	15.5	55.5
79	31.9	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:136 Resp: 1406836

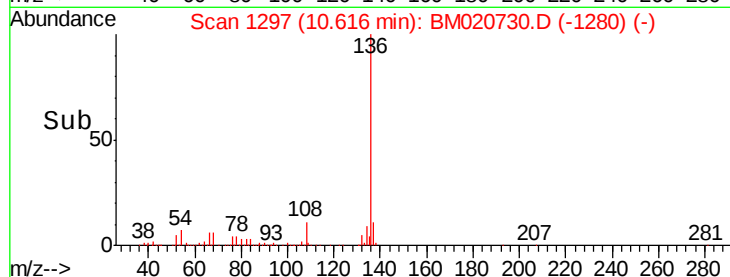
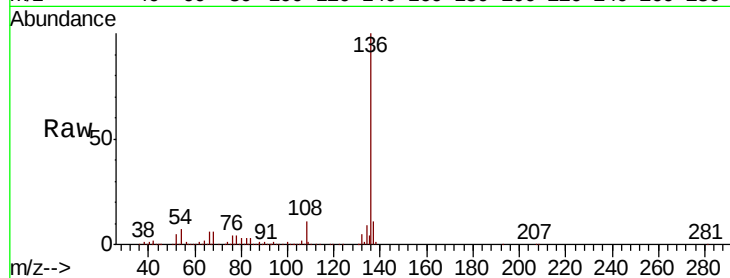
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	6.0	9.0
68	5.9	4.4	6.6

136 100

137 11.0 8.7 13.1

54 7.2 6.0 9.0

68 5.9 4.4 6.6

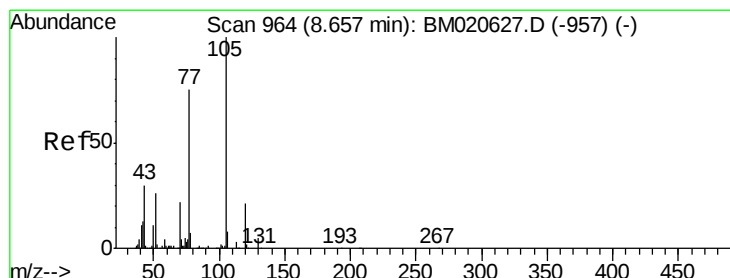
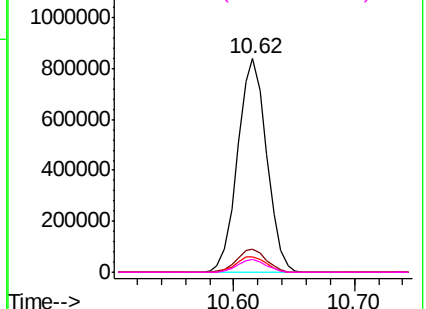


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.890 ng

RT: 8.65 min Scan# 963

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:105 Resp: 1532829

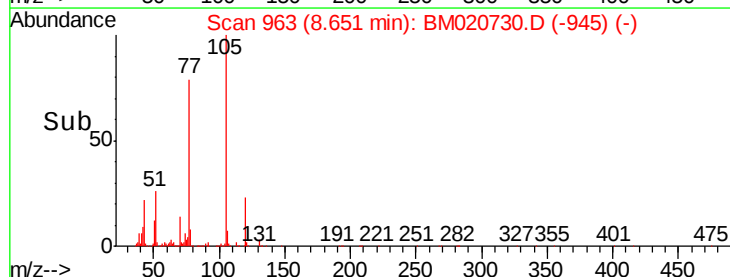
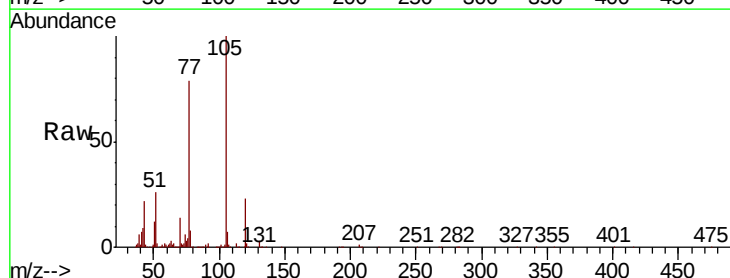
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.8	2.8
51	25.7	20.9	31.3
120	22.7	17.6	26.4

105 100

71 2.3 1.8 2.8

51 25.7 20.9 31.3

120 22.7 17.6 26.4

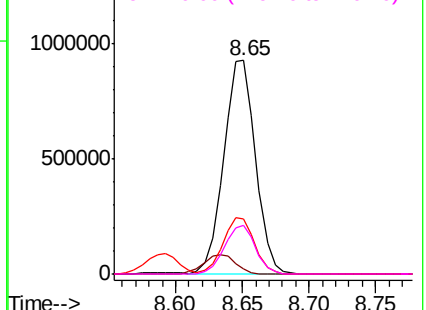


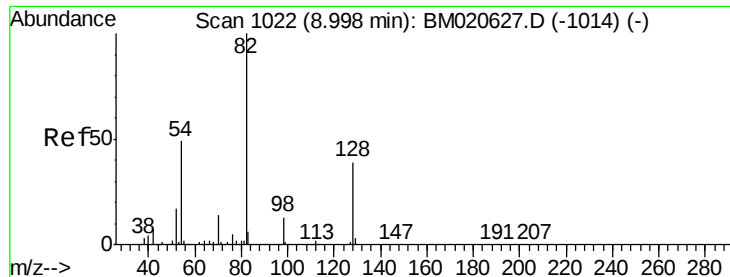
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.962 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

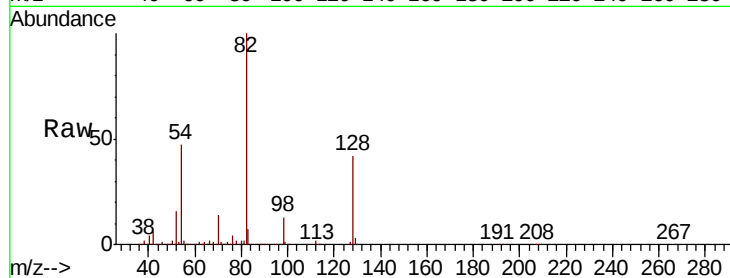
BNA_M

ClientSampleId :

PB120172BS

Tot Ion: 82 Resp: 2225491

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.2	49.8
54	47.2	37.7	56.5

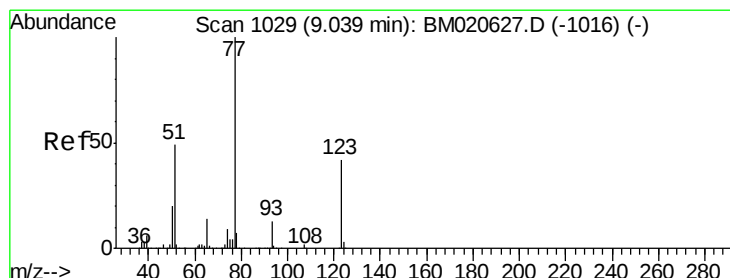
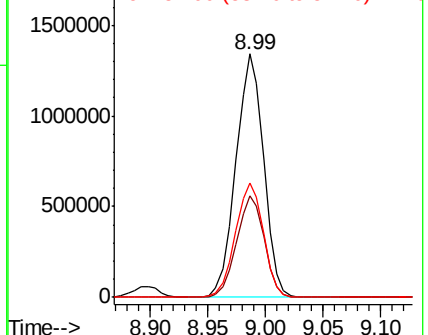
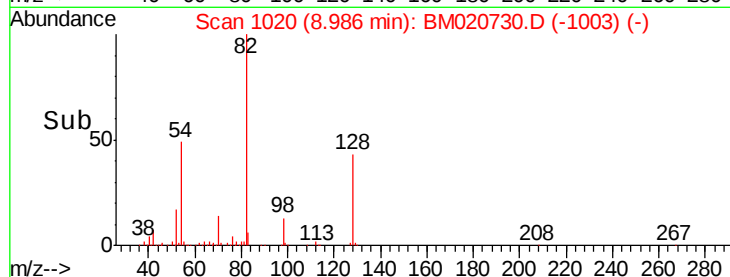


Abundance

Ion 82.00 (81.70 to 82.70): BM020730.D (-1003) (-)

Ion 128.00 (127.70 to 128.70): BM020730.D (-1003) (-)

Ion 54.00 (53.70 to 54.70): BM020730.D (-1003) (-)



#24

Nitrobenzene

Concen: 43.191 ng

RT: 9.03 min Scan# 1027

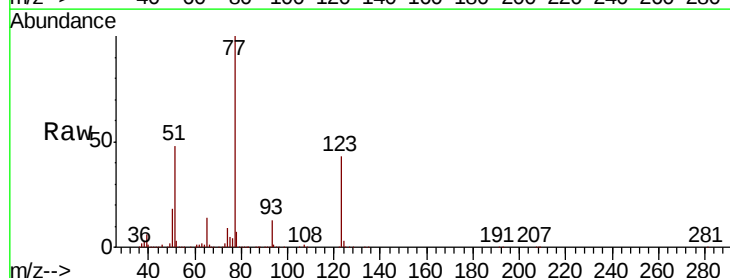
Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion: 77 Resp: 1197226

Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.8	53.8
65	13.6	10.9	16.3

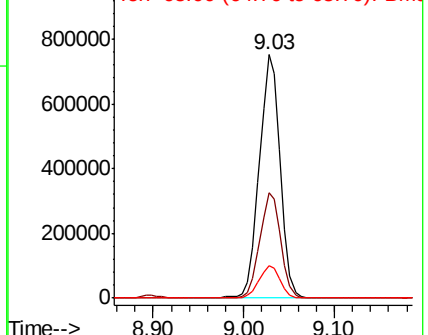
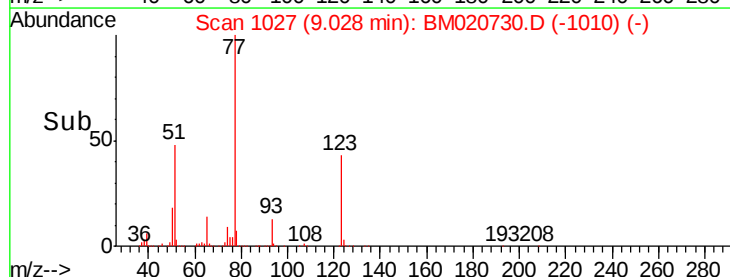


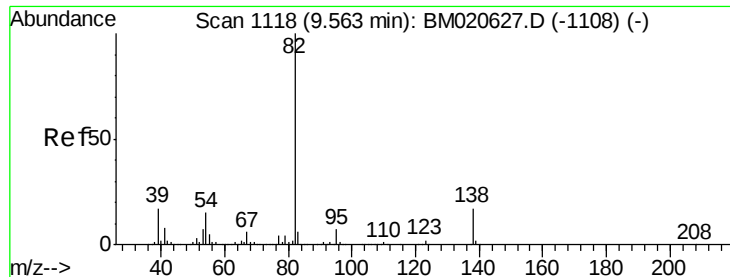
Abundance

Ion 77.00 (76.70 to 77.70): BM020730.D (-1010) (-)

Ion 123.00 (122.70 to 123.70): BM020730.D (-1010) (-)

Ion 65.00 (64.70 to 65.70): BM020730.D (-1010) (-)





#25

Isophorone

Concen: 40.681 ng

RT: 9.55 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

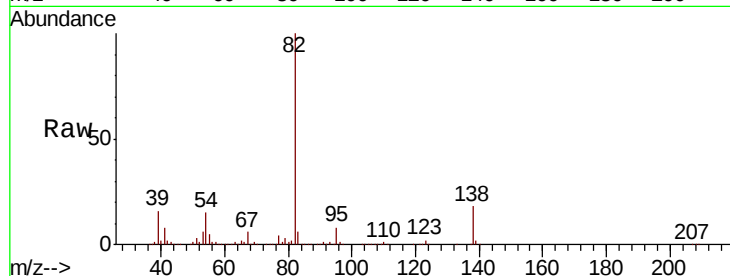
Tot Ion: 82 Resp: 2197265

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

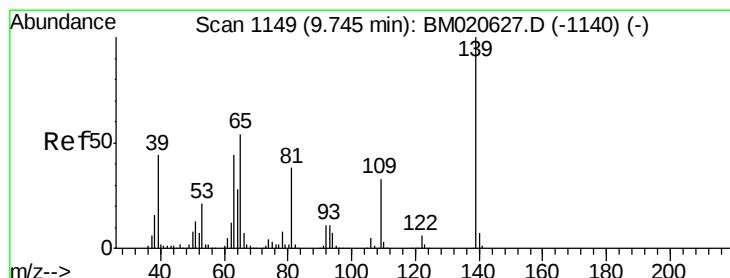
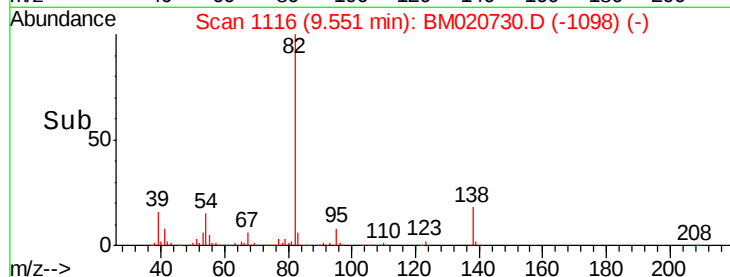
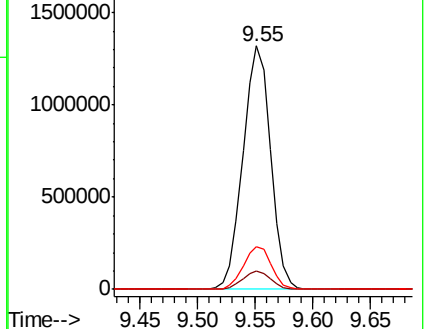
138 17.7 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020627.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020627.D (-1108) (-)



#26

2-Nitrophenol

Concen: 52.090 ng

RT: 9.73 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

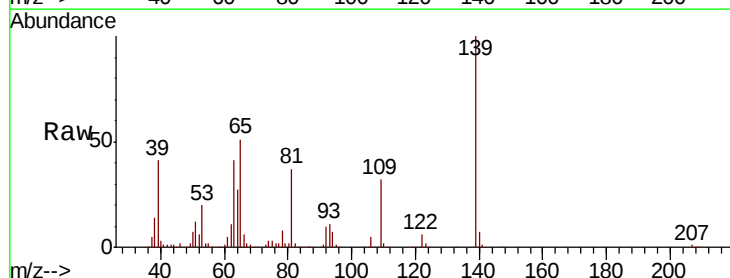
Tgt Ion: 139 Resp: 538132

Ion Ratio Lower Upper

139 100

109 31.9 26.8 40.2

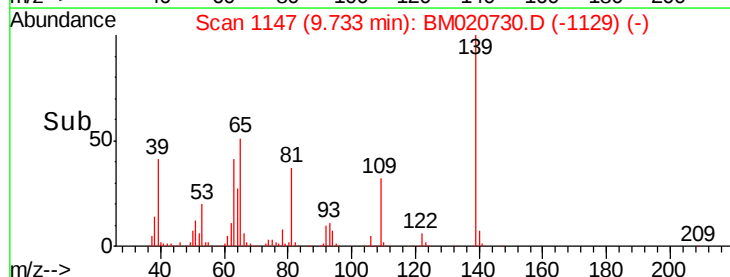
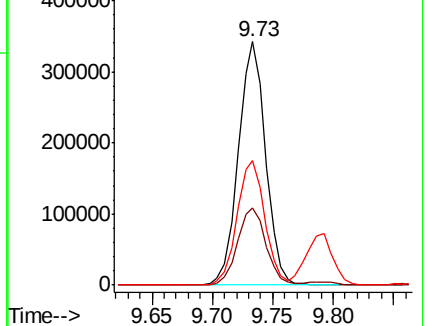
65 51.3 42.6 63.8

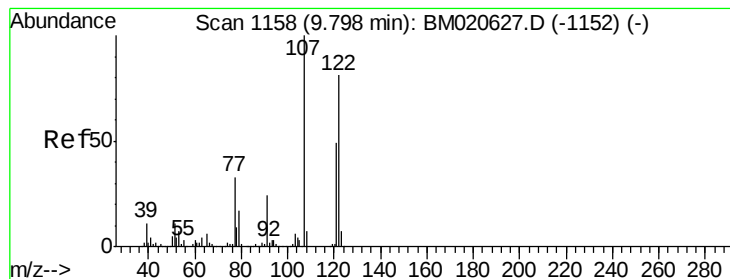


Abundance Ion 139.00 (138.70 to 139.70): BM020627.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020627.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020627.D (-1140) (-)





#27

2,4-Dimethylphenol

Concen: 51.683 ng

RT: 9.79 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

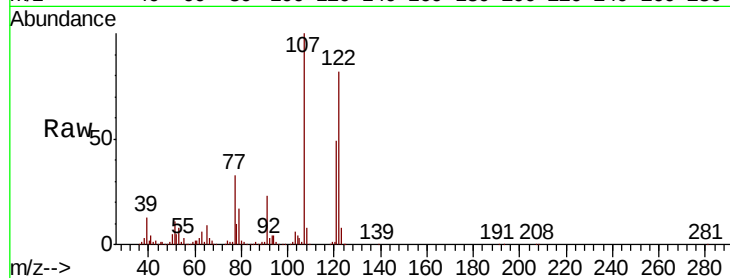
Tot Ion:122 Resp: 1000505

Ion Ratio Lower Upper

122 100

107 122.5 97.8 146.6

121 59.8 48.5 72.7

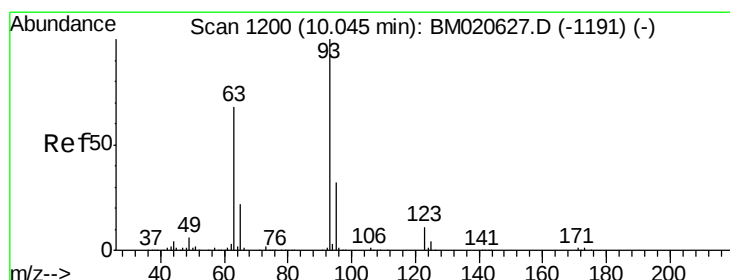
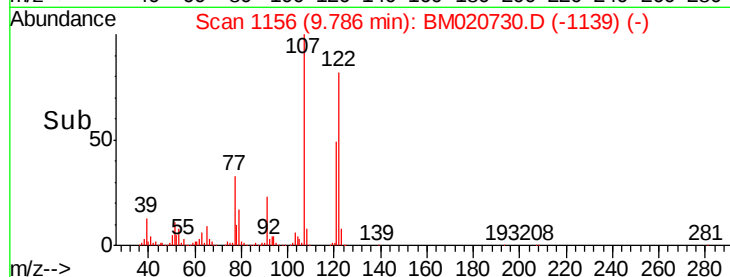
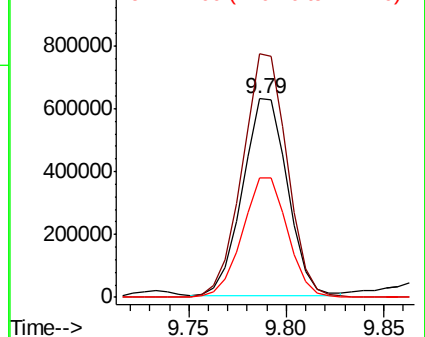


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.393 ng

RT: 10.03 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

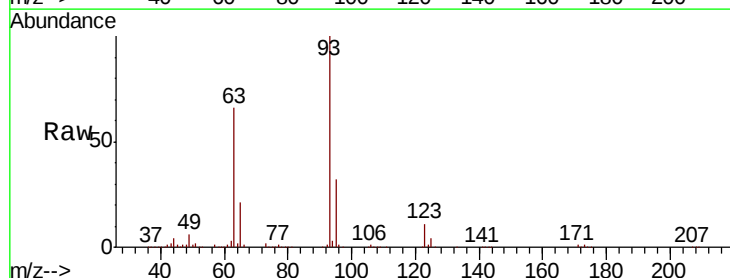
Tgt Ion: 93 Resp: 1351778

Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.0

123 11.1 8.8 13.2

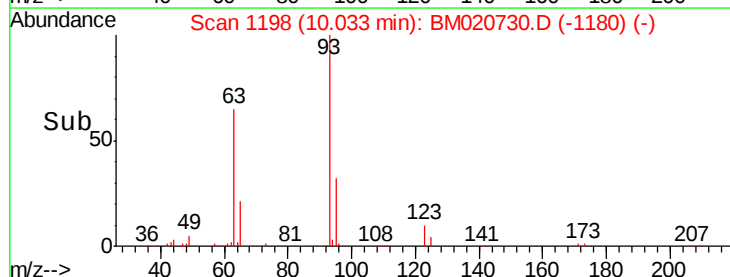
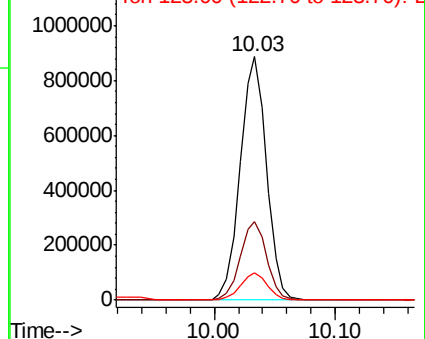


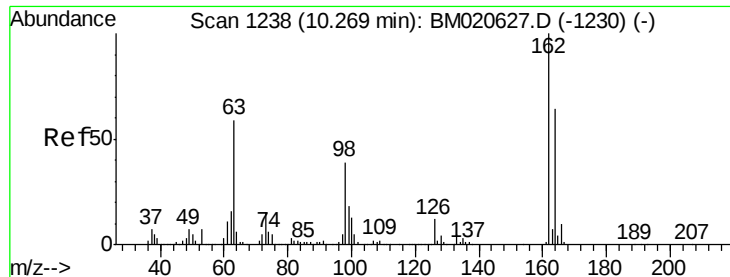
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

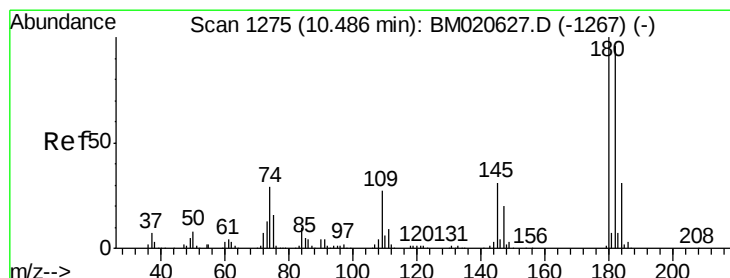
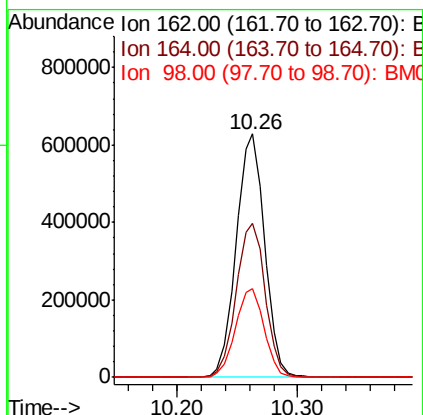
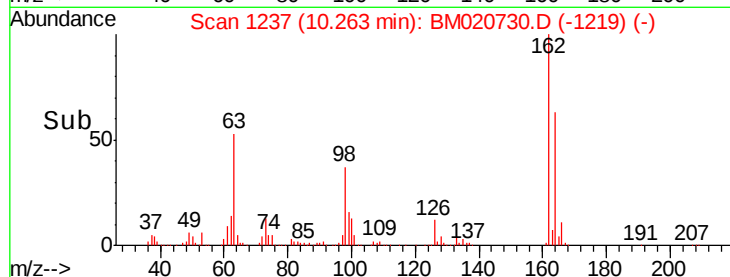
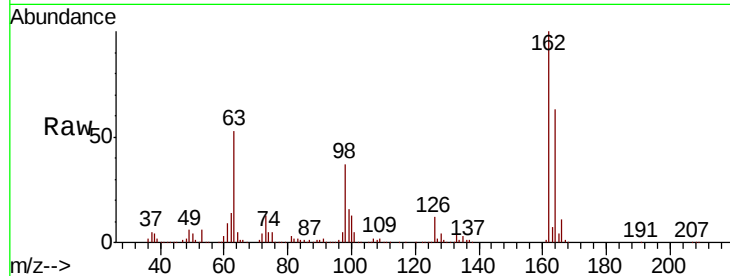




#29
2,4-Dichlorophenol
Concen: 48.456 ng
RT: 10.26 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

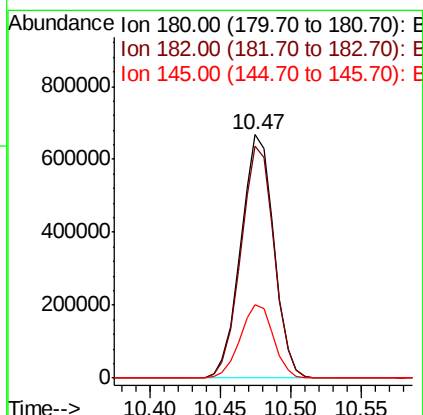
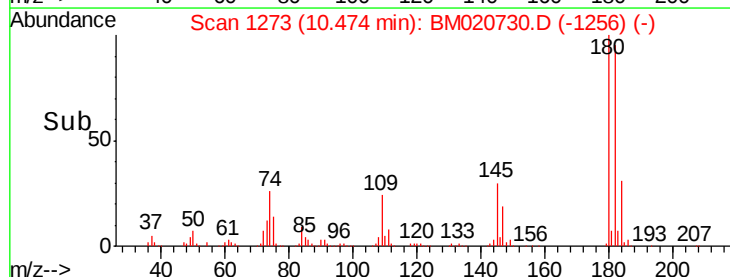
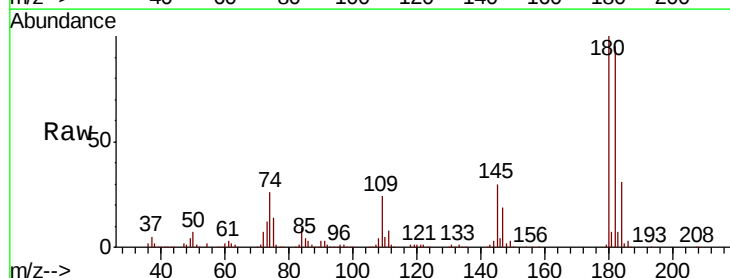
Instrument :
BNA_M
ClientSampleId :
PB120172BS

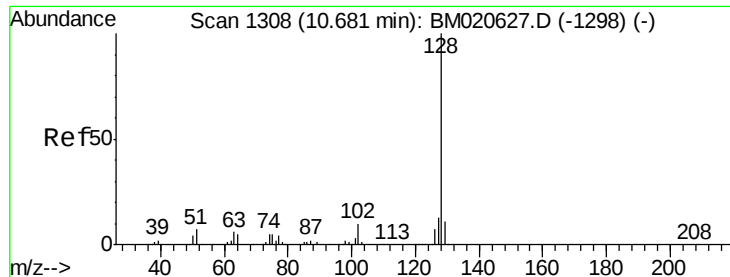
Tot Ion:162 Resp: 1037809
Ion Ratio Lower Upper
162 100
164 63.3 45.5 85.5
98 36.5 16.7 56.7



#30
1,2,4-Trichlorobenzene
Concen: 44.471 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:180 Resp: 1095201
Ion Ratio Lower Upper
180 100
182 95.2 77.8 116.8
145 30.3 24.3 36.5

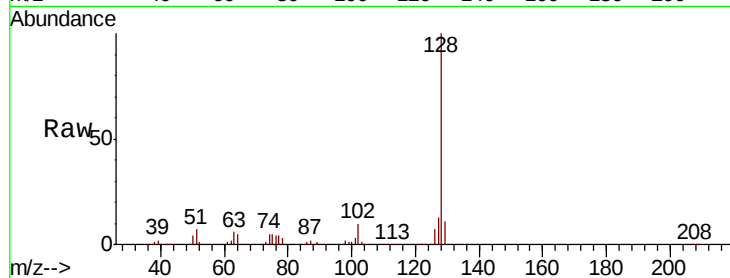




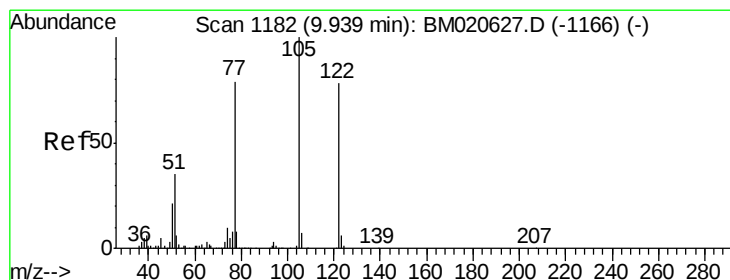
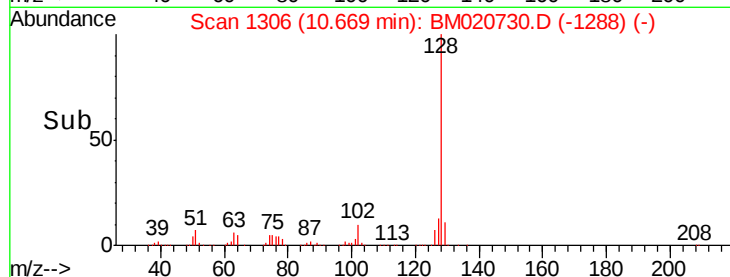
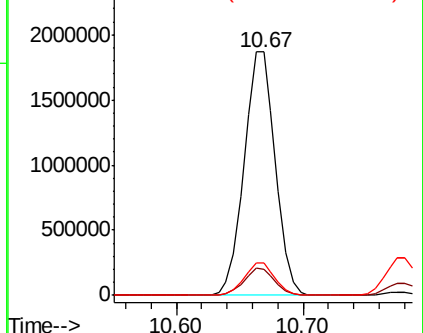
#31
Naphthalene
Concen: 43.894 ng
RT: 10.67 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:128 Resp: 3175489
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.5 15.7

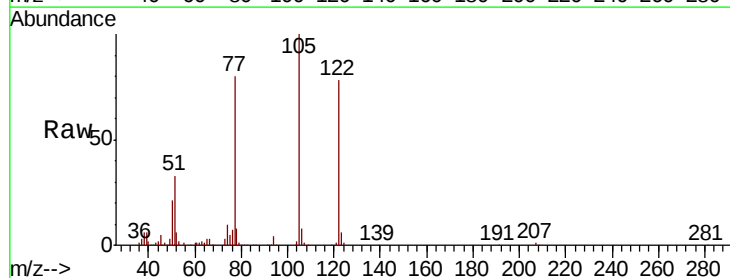


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

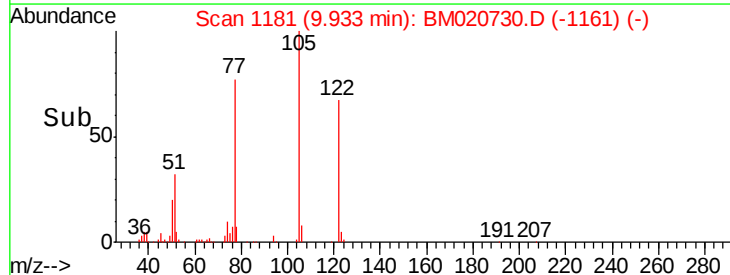
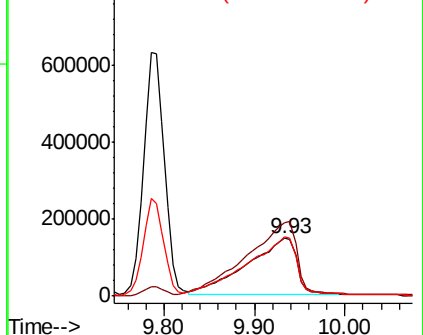


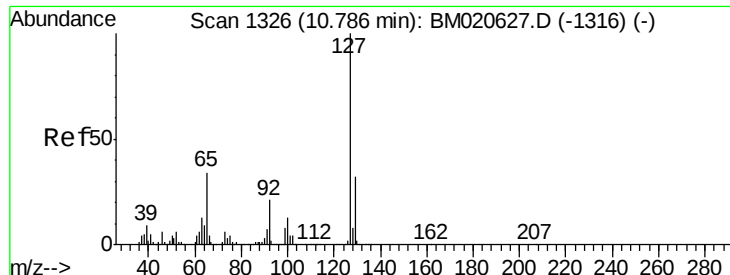
#32
Benzoic acid
Concen: 44.706 ng
RT: 9.93 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:122 Resp: 539924
Ion Ratio Lower Upper
122 100
105 128.1 108.0 148.0
77 102.3 82.2 122.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

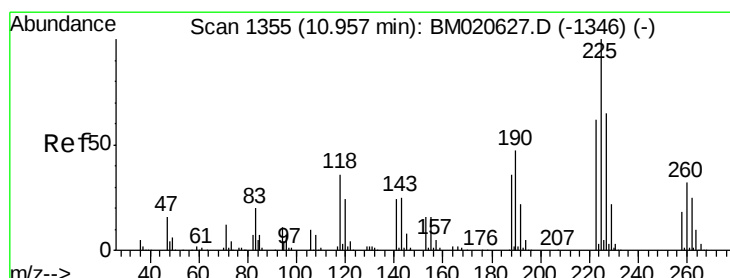
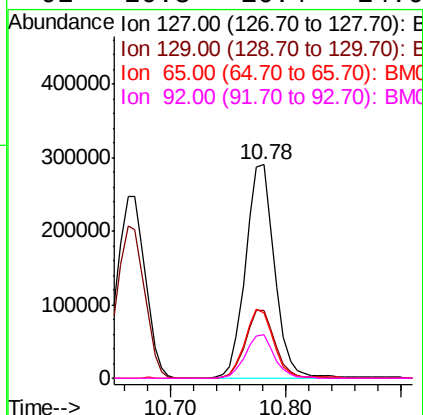
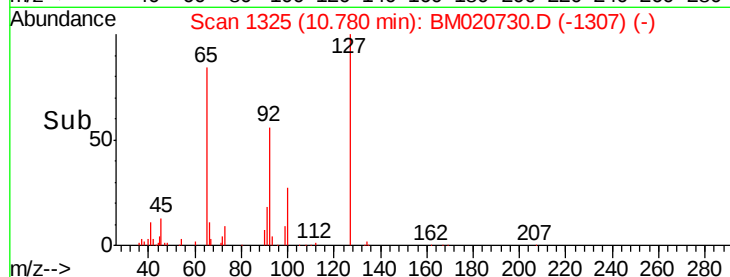
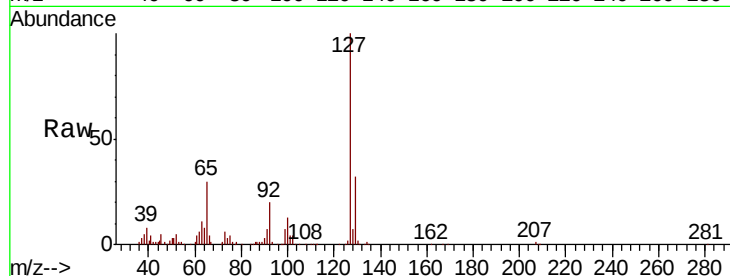




#33
4-Chloroaniline
Concen: 15.055 ng
RT: 10.78 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

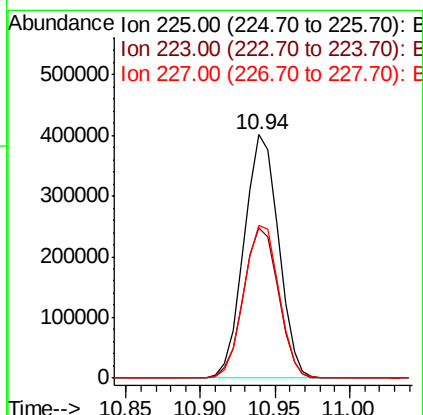
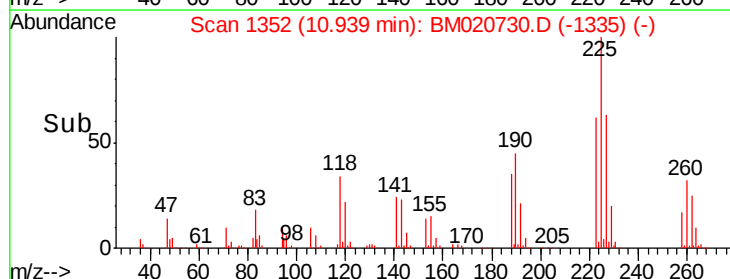
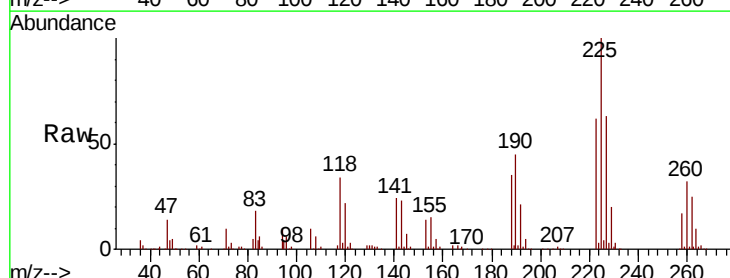
Instrument :
BNA_M
ClientSampleId :
PB120172BS

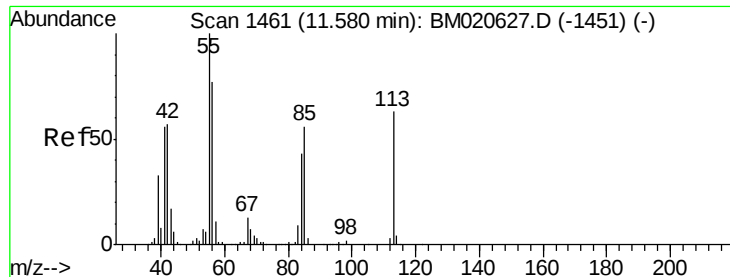
Tot Ion:	127	Resp:	506876
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	30.5	25.3	37.9
92	20.3	16.4	24.6



#34
Hexachlorobutadiene
Concen: 43.441 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:	225	Resp:	641910
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.6	74.4
227	62.8	51.0	76.4





#35

Caprolactam

Concen: 32.778 ng

RT: 11.57 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

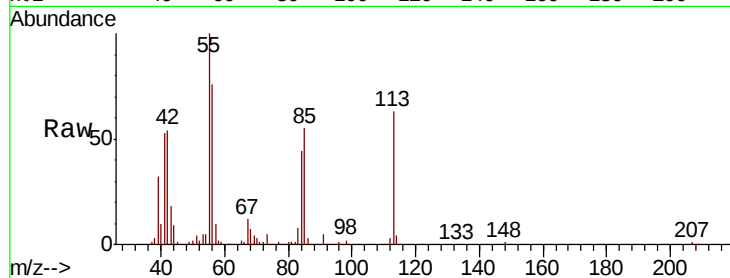
Tot Ion:113 Resp: 243889

Ion Ratio Lower Upper

113 100

55 158.8 141.1 181.1

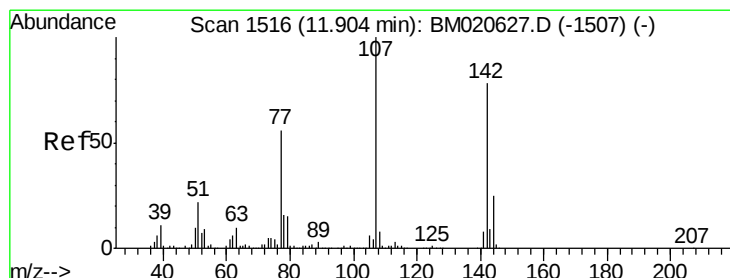
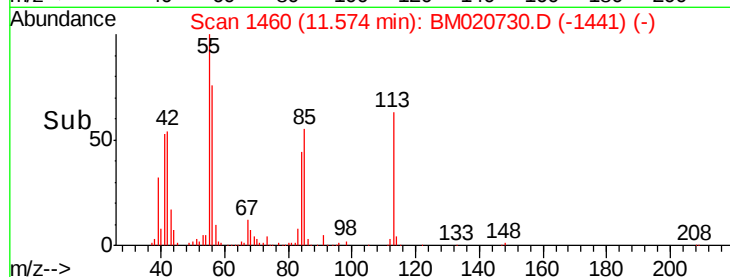
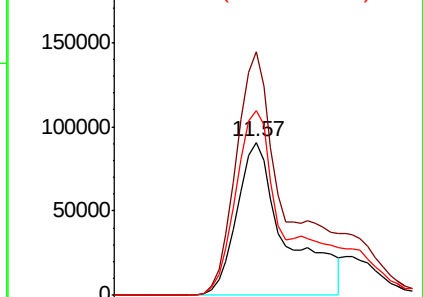
56 120.7 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.171 ng

RT: 11.90 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

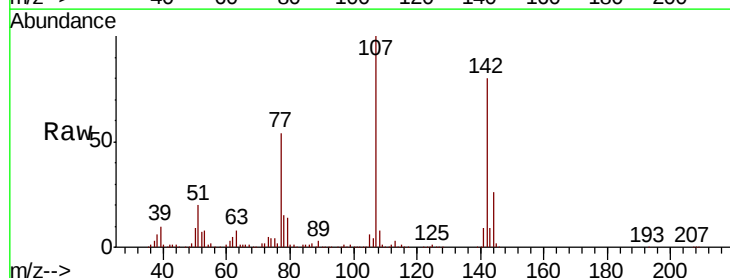
Tgt Ion:107 Resp: 1075014

Ion Ratio Lower Upper

107 100

144 26.1 20.6 31.0

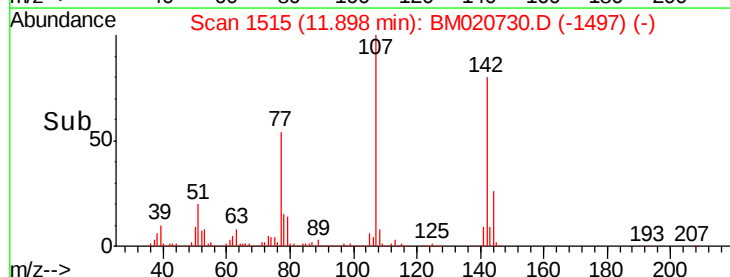
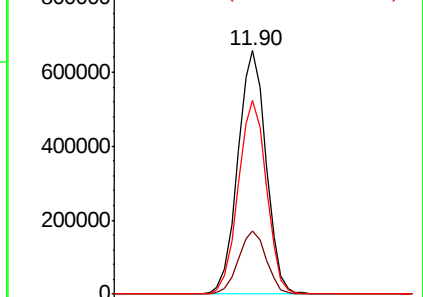
142 79.7 63.3 94.9

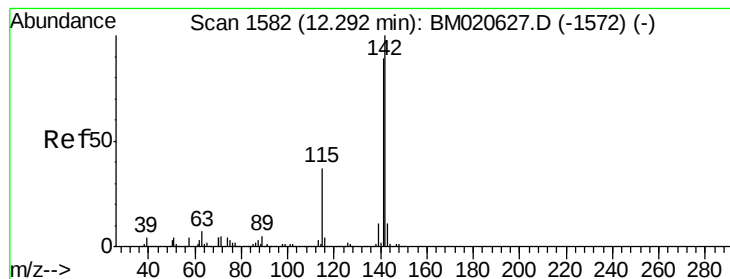


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.611 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

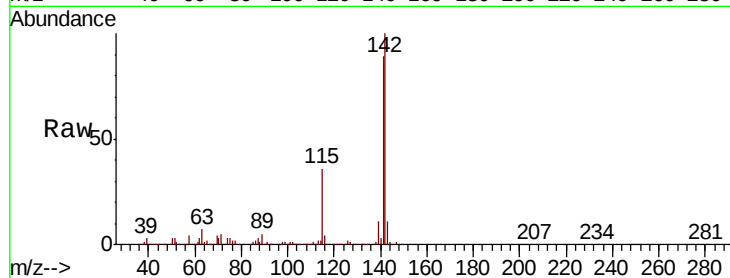
Tot Ion:142 Resp: 2338576

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.0

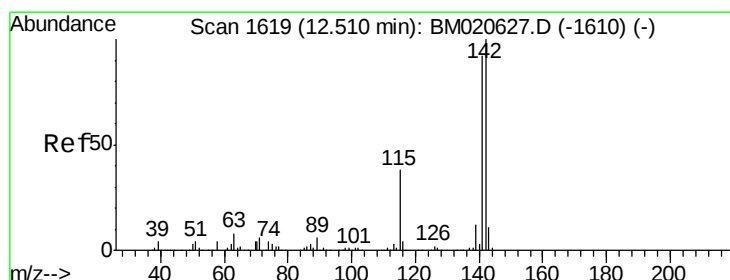
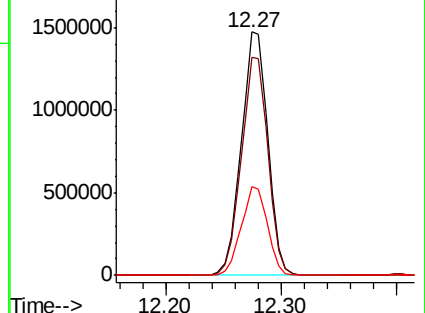
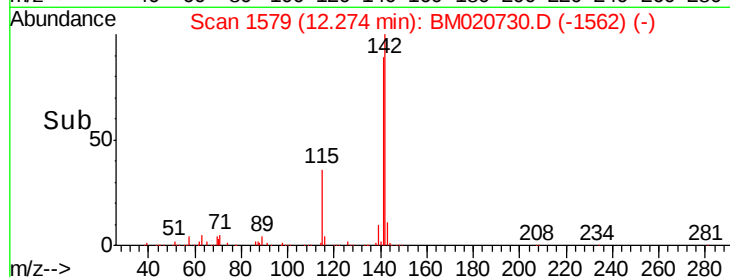
115 36.4 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.725 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

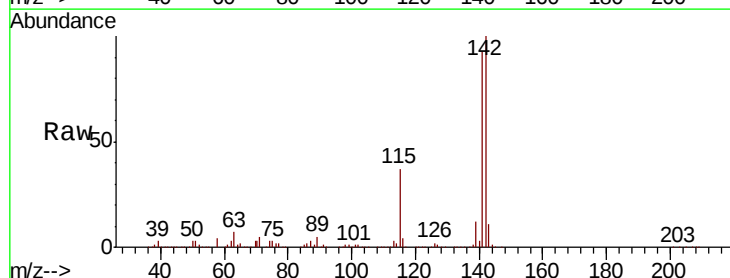
Tgt Ion:142 Resp: 2232582

Ion Ratio Lower Upper

142 100

141 92.6 74.1 111.1

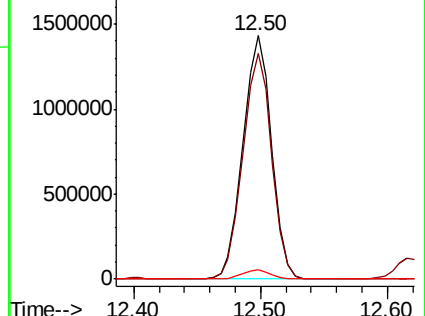
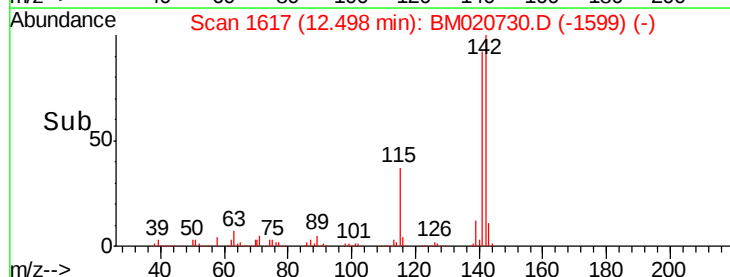
116 4.0 3.2 4.8

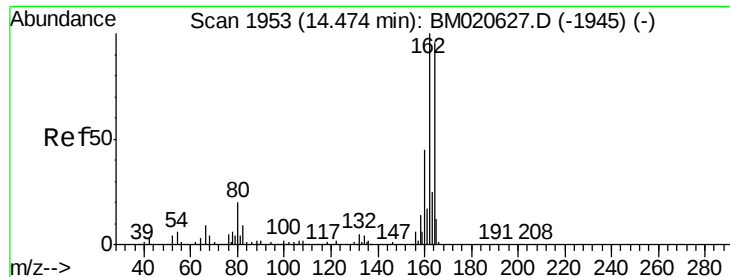


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

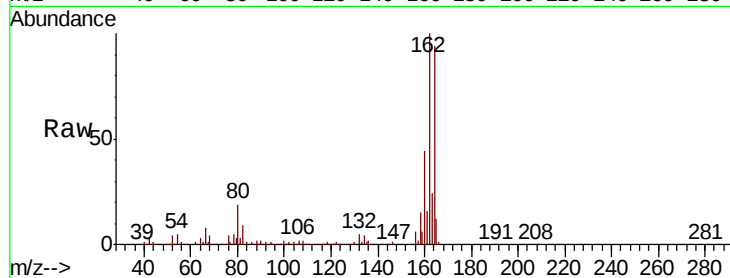
Tot Ion:164 Resp: 788820

Ion Ratio Lower Upper

164 100

162 106.4 83.5 125.3

160 47.0 37.2 55.8

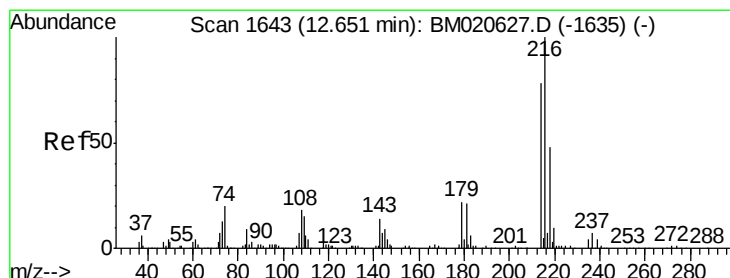
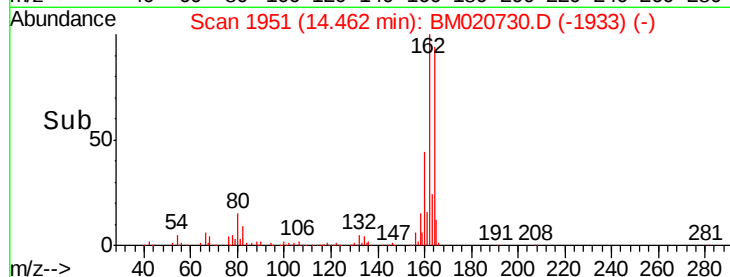
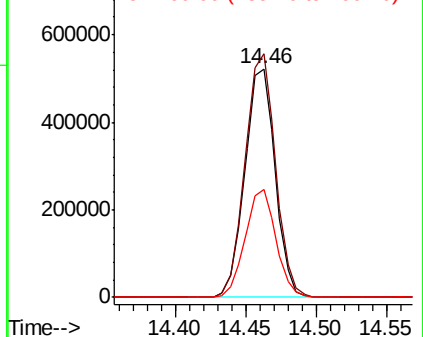


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.883 ng

RT: 12.64 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:216 Resp: 1237783

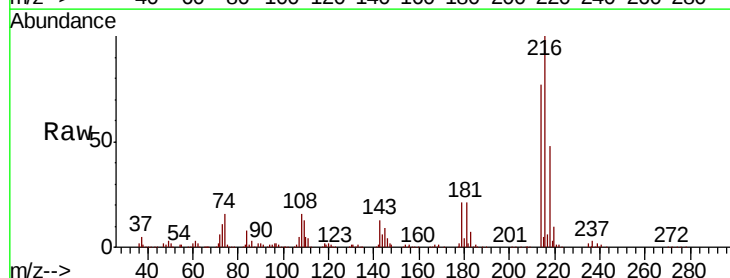
Ion Ratio Lower Upper

216 100

214 78.3 63.1 94.7

179 21.5 17.3 25.9

108 20.2 14.6 22.0



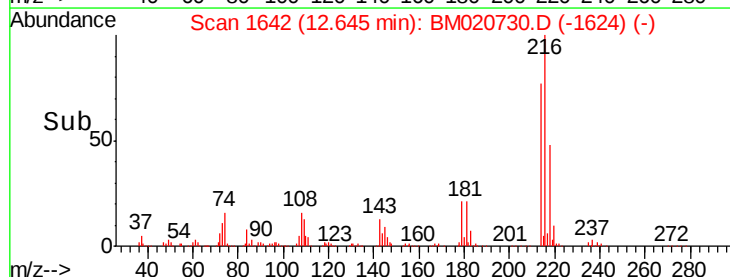
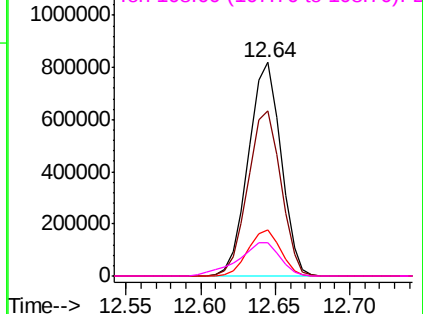
Abundance

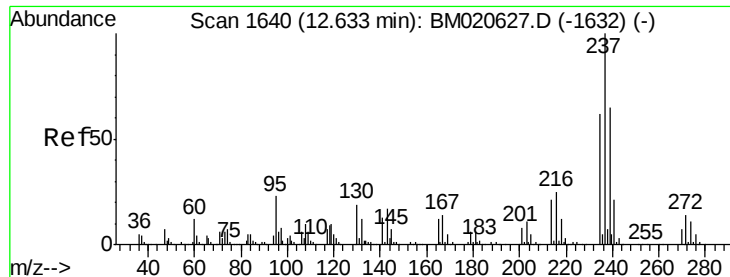
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.135 ng

RT: 12.62 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

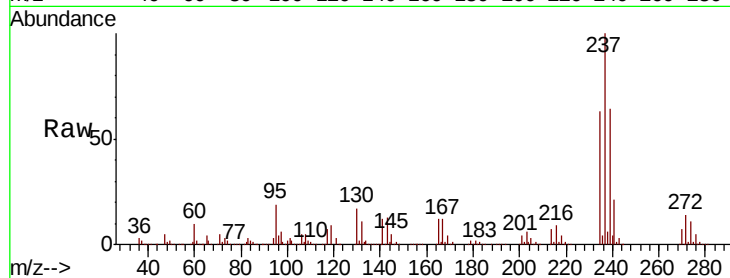
Tot Ion:237 Resp: 1548127

Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.7	81.7
272	13.6	0.0	33.0

237 100

235 63.0 41.7 81.7

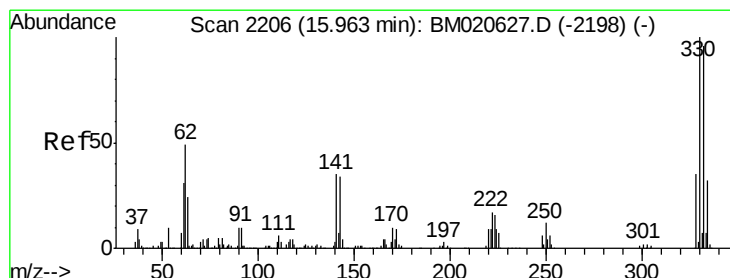
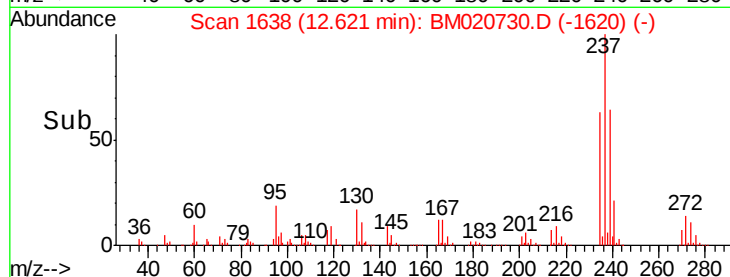
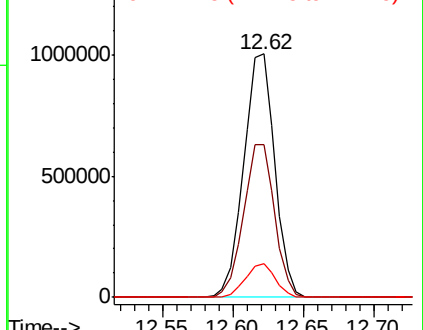
272 13.6 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.426 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

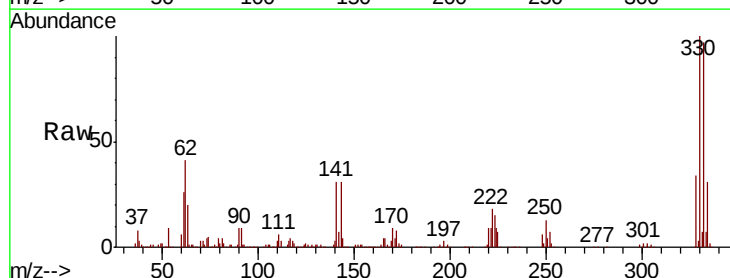
Tgt Ion:330 Resp: 1391991

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.4
141	32.7	27.7	41.5

330 100

332 96.6 77.0 115.4

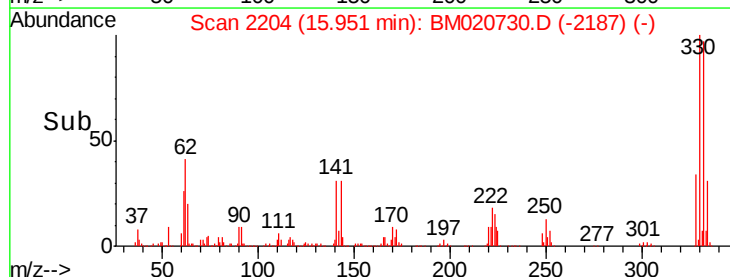
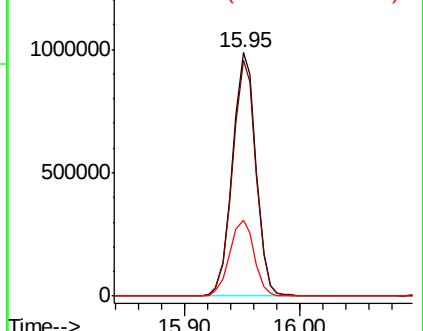
141 32.7 27.7 41.5

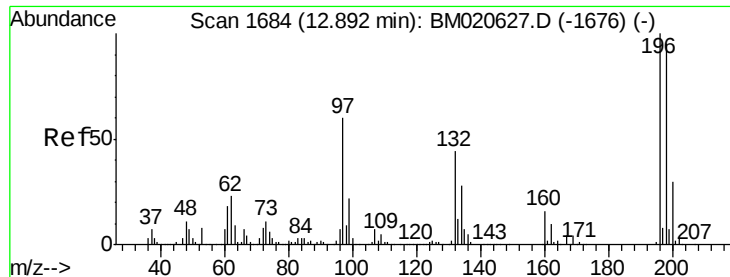


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

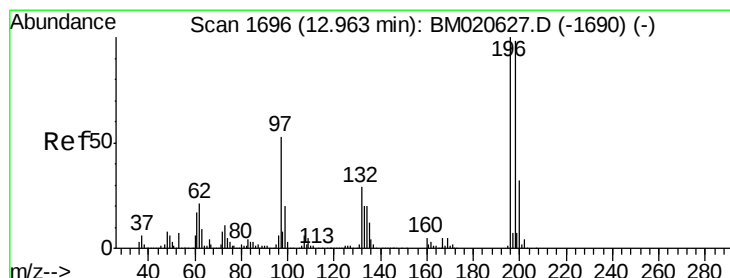
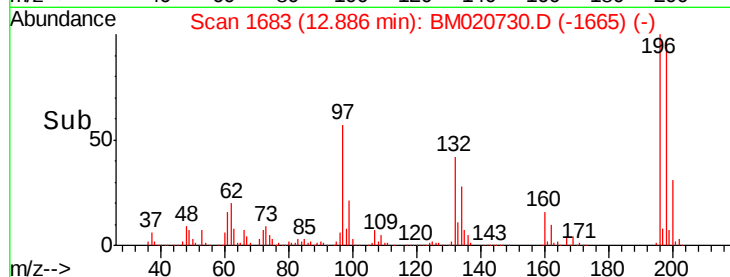
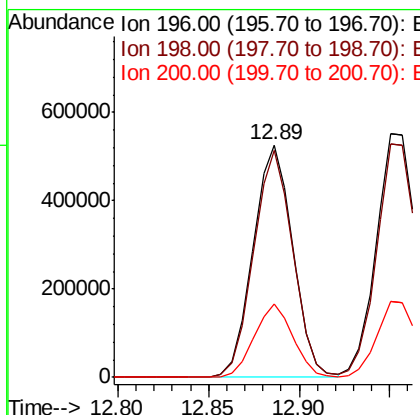
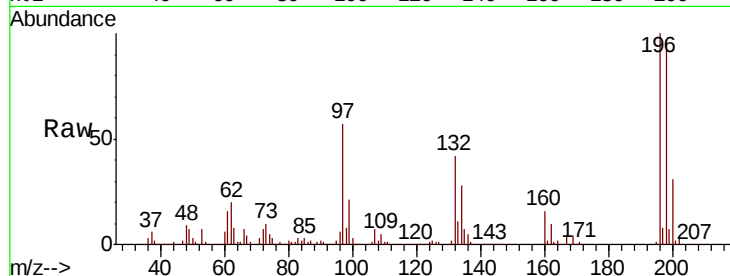




#43
 2,4,6-Trichlorophenol
 Concen: 48.100 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

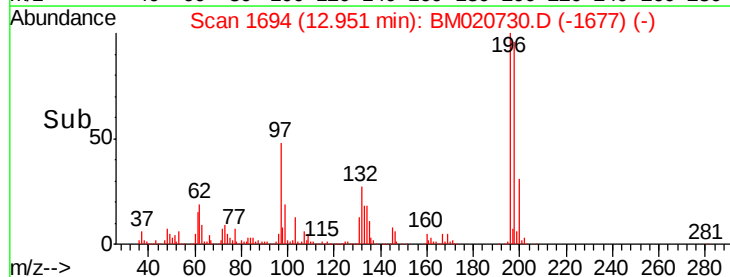
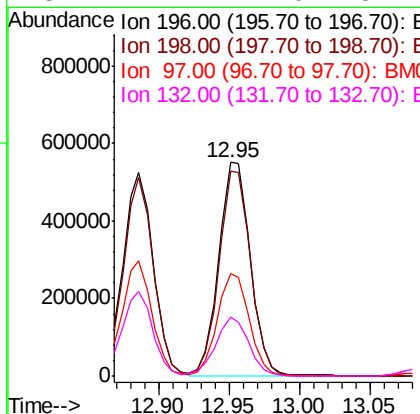
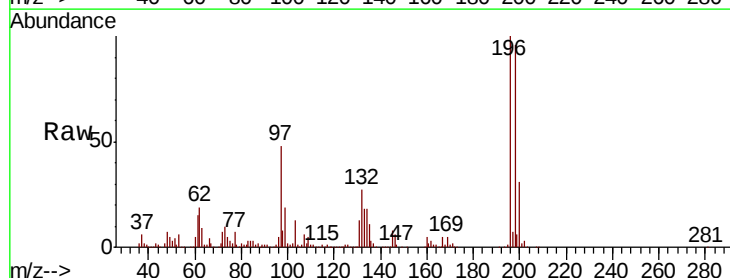
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

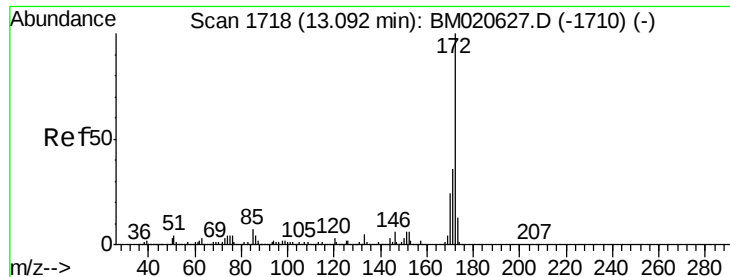
Tot Ion:196 Resp: 800352
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.4 114.6
 200 31.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 49.828 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion:196 Resp: 855957
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.0 114.0
 97 48.3 39.8 59.8
 132 27.4 21.0 31.4

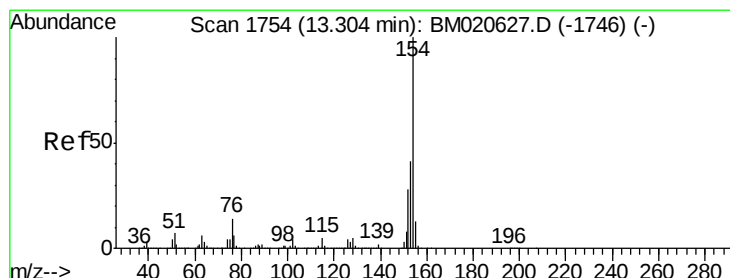
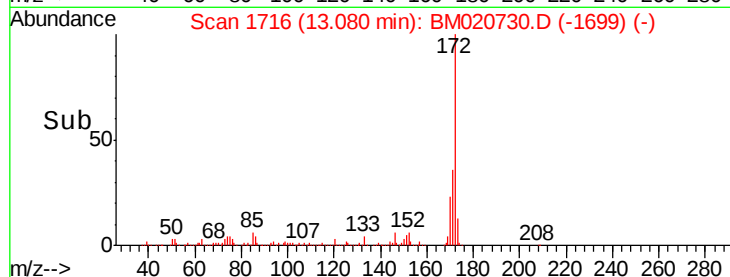
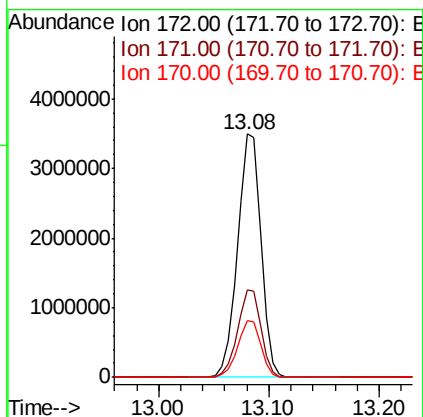
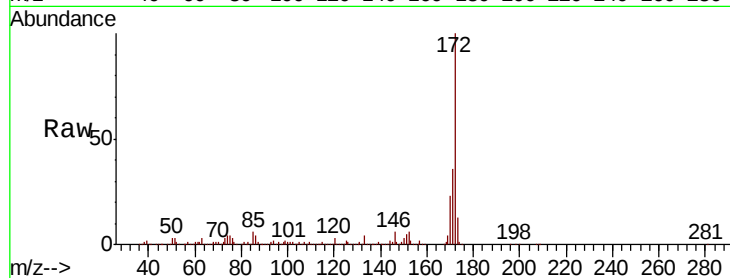




#45
2-Fluorobiphenyl
Concen: 87.943 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

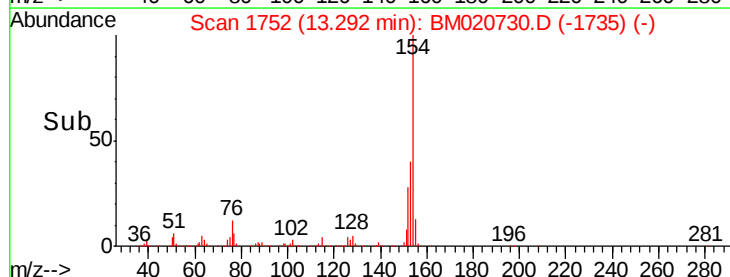
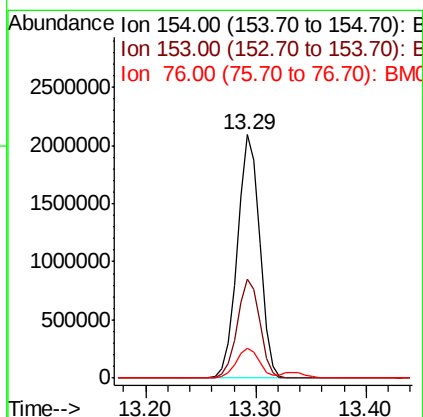
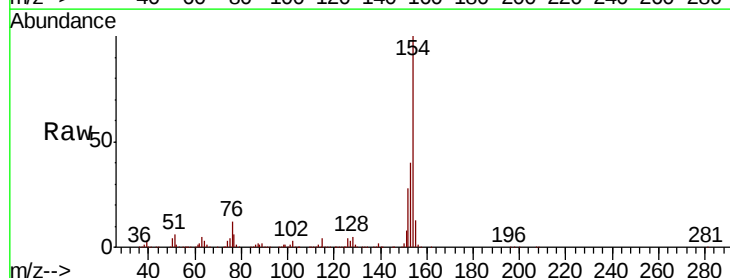
Instrument :
BNA_M
ClientSampleId :
PB120172BS

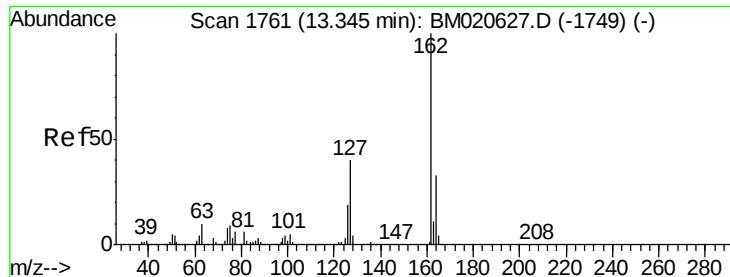
Tot Ion:172 Resp: 5218041
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.4 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.216 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:154 Resp: 2978819
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 12.3 0.0 32.5

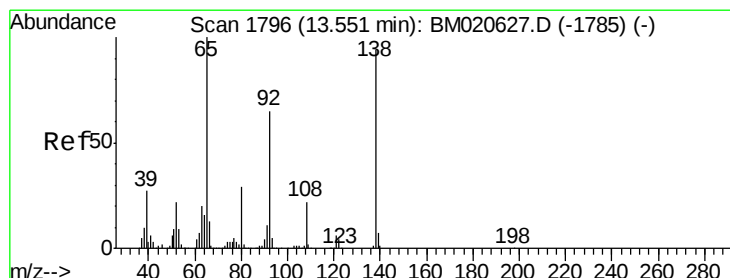
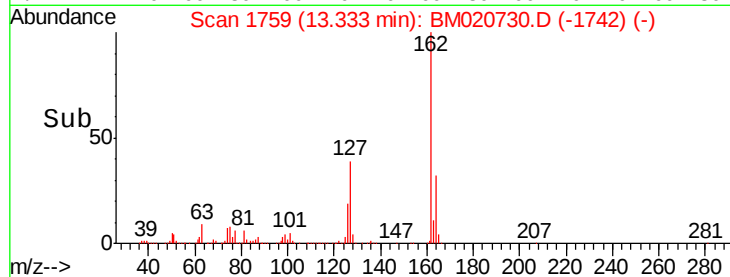
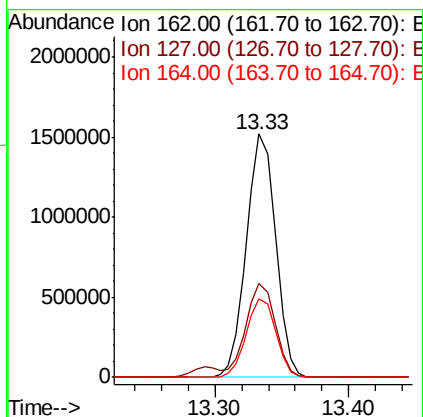
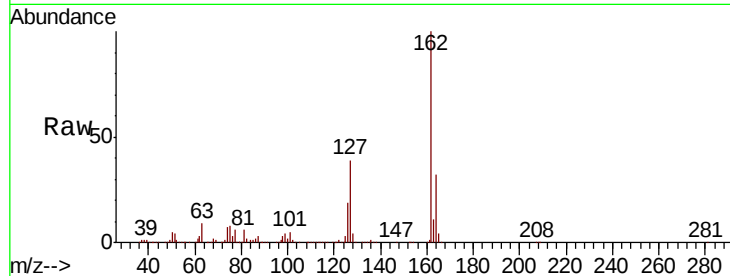




#47
2-Chloronaphthalene
Concen: 43.251 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

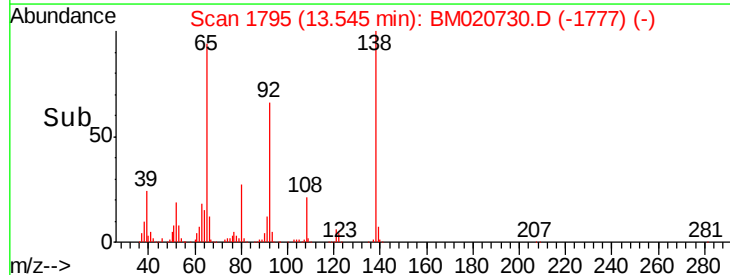
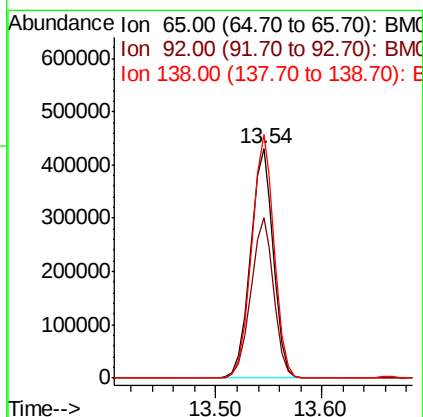
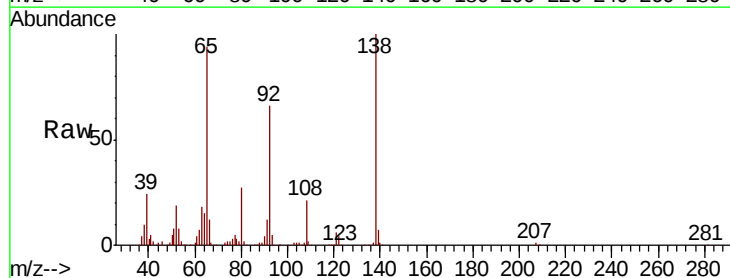
Instrument :
BNA_M
ClientSampleId :
PB120172BS

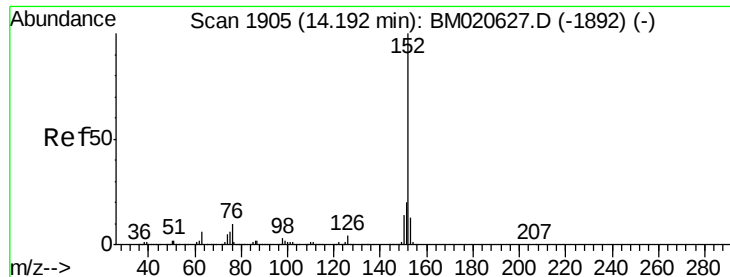
Tot Ion:162 Resp: 2299712
Ion Ratio Lower Upper
162 100
127 38.7 31.1 46.7
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 38.970 ng
RT: 13.54 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion: 65 Resp: 650351
Ion Ratio Lower Upper
65 100
92 70.2 55.2 82.8
138 106.3 82.6 124.0





#49

Acenaphthylene

Concen: 43.801 ng

RT: 14.19 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

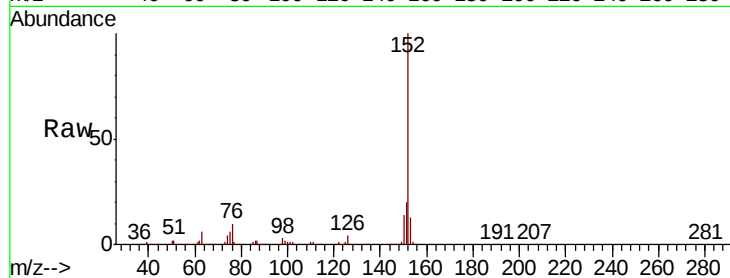
Tot Ion:152 Resp: 3633862

Ion Ratio Lower Upper

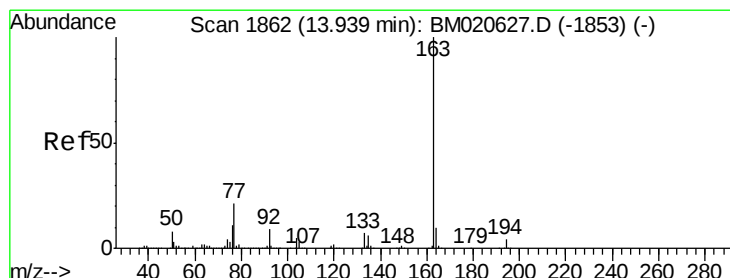
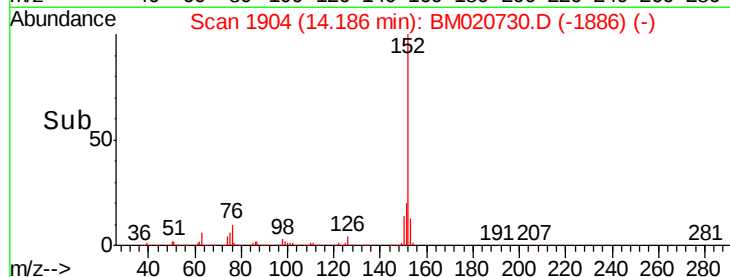
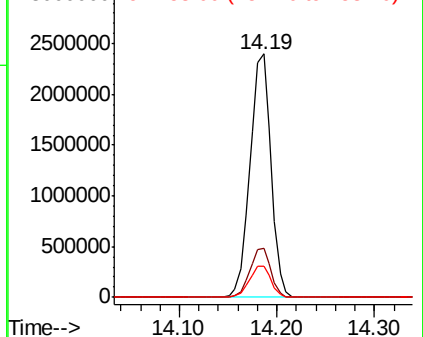
152 100

151 19.9 16.2 24.2

153 12.7 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.717 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

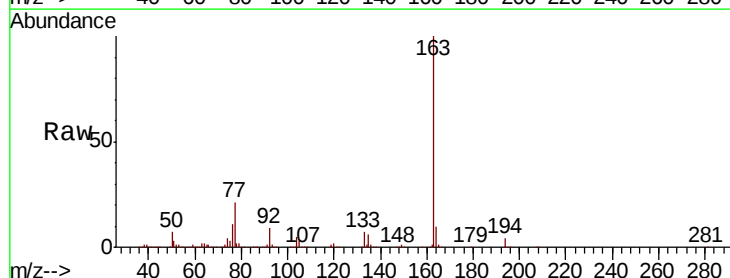
Tgt Ion:163 Resp: 2811432

Ion Ratio Lower Upper

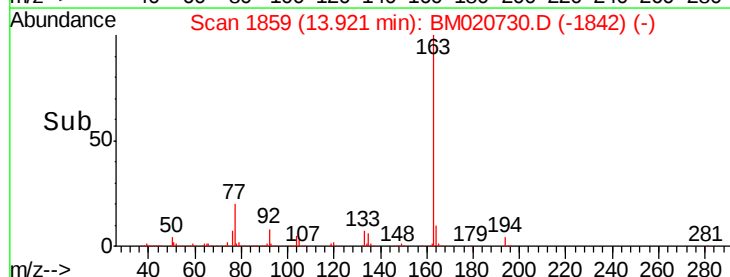
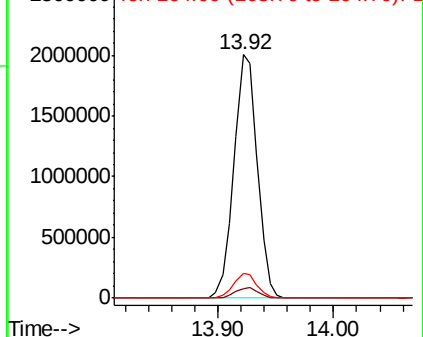
163 100

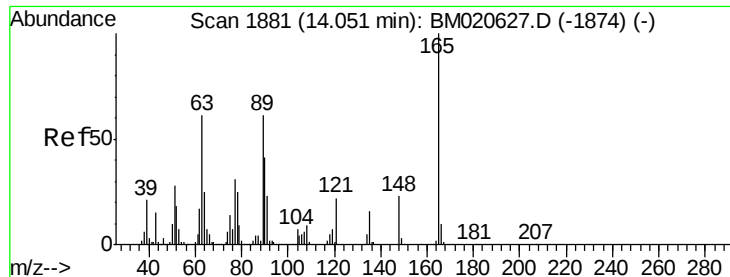
194 4.0 3.2 4.8

164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

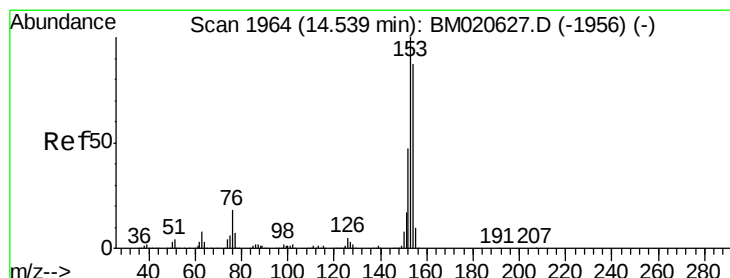
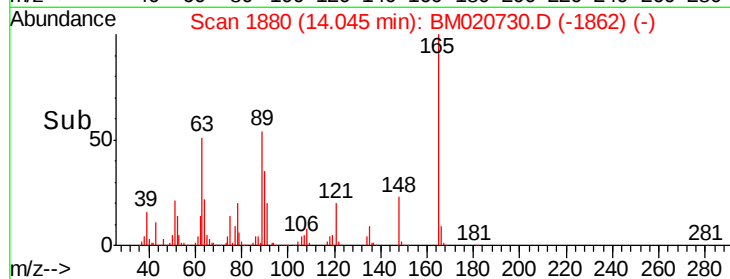
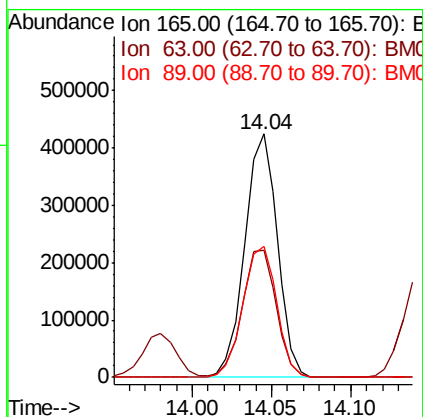
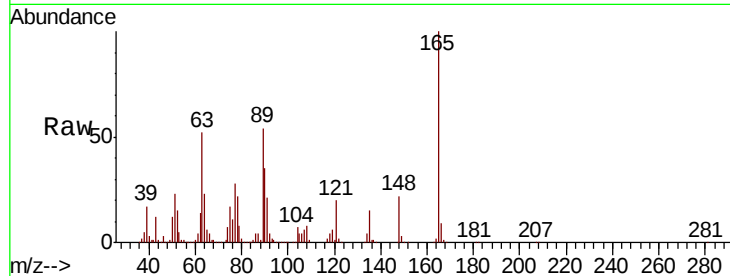




#51
 2,6-Dinitrotoluene
 Concen: 44.380 ng
 RT: 14.04 min Scan# 1880
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

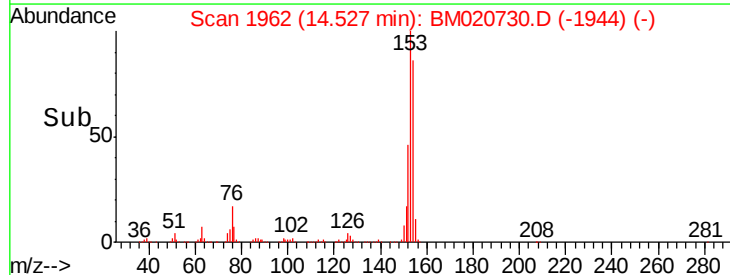
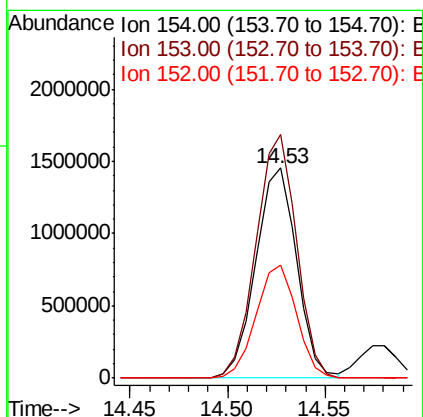
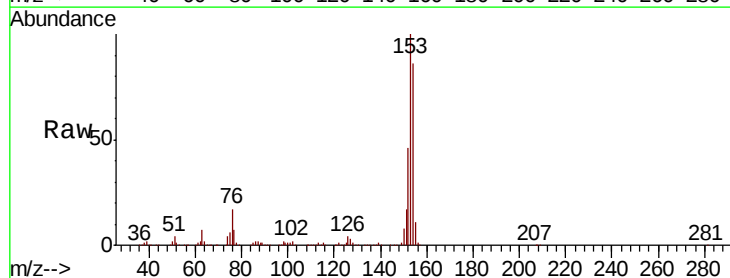
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

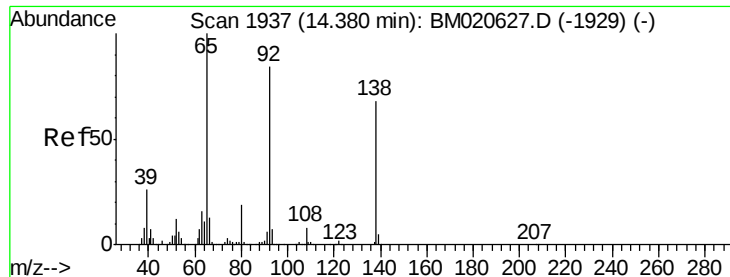
Tot Ion:165 Resp: 607309
 Ion Ratio Lower Upper
 165 100
 63 52.2 45.0 67.6
 89 53.7 43.5 65.3



#52
 Acenaphthene
 Concen: 42.729 ng
 RT: 14.53 min Scan# 1962
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion:154 Resp: 2112546
 Ion Ratio Lower Upper
 154 100
 153 116.0 90.6 135.8
 152 53.7 42.6 63.8





#53

3-Nitroaniline

Concen: 24.399 ng

RT: 14.37 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

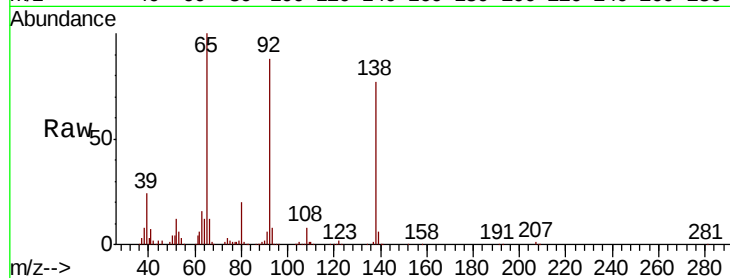
Tot Ion:138 Resp: 372665

Ion Ratio Lower Upper

138 100

108 10.9 8.9 13.3

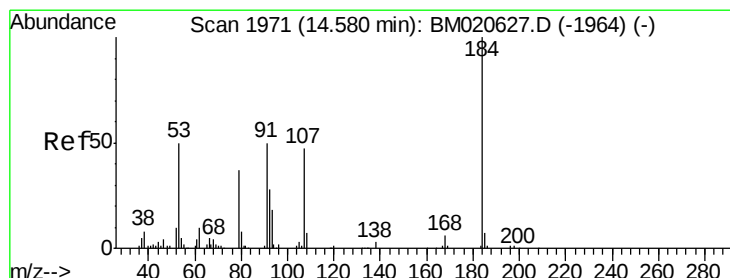
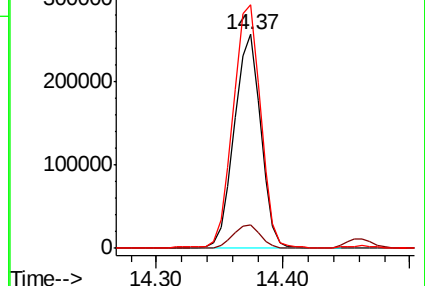
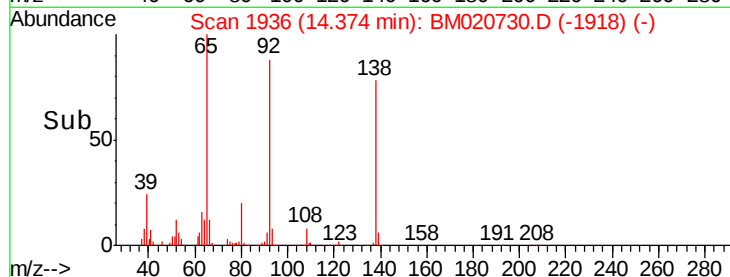
92 113.7 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 83.205 ng

RT: 14.58 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

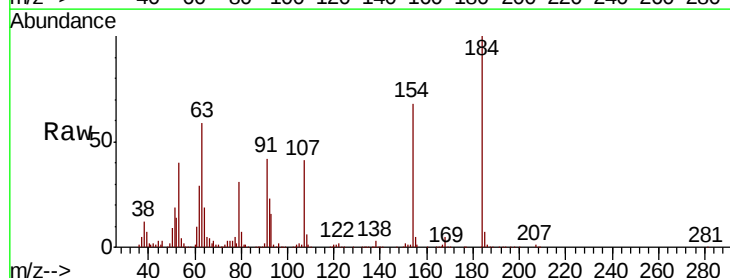
Tgt Ion:184 Resp: 491711

Ion Ratio Lower Upper

184 100

63 58.8 49.8 74.8

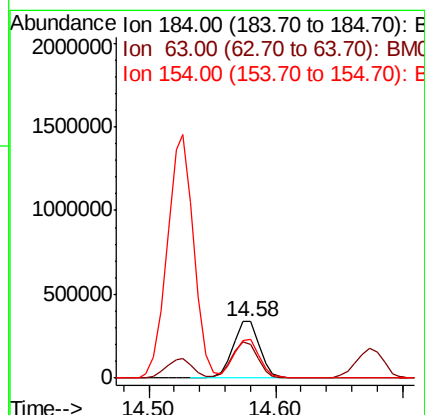
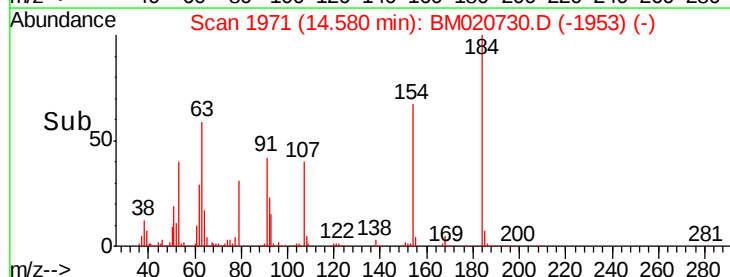
154 67.6 55.4 83.2

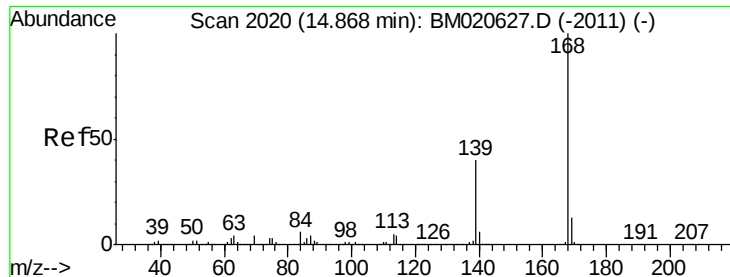


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.207 ng

RT: 14.86 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

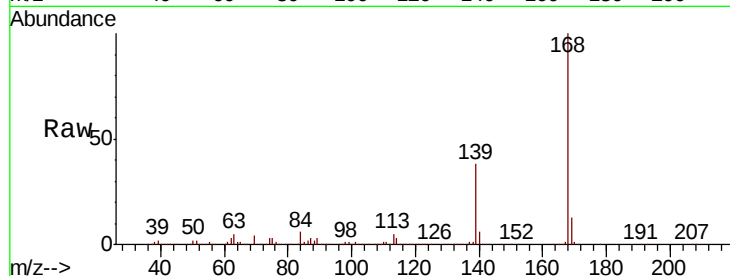
Tot Ion:168 Resp: 3317747

Ion Ratio Lower Upper

168 100

139 38.1 31.1 46.7

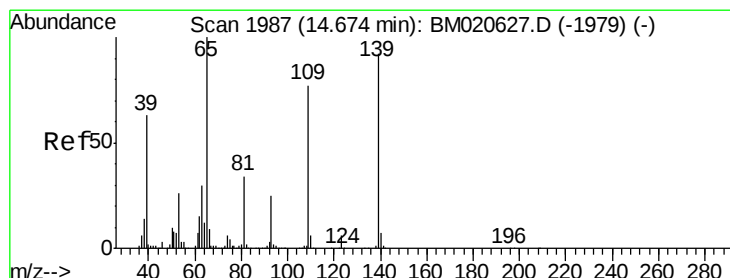
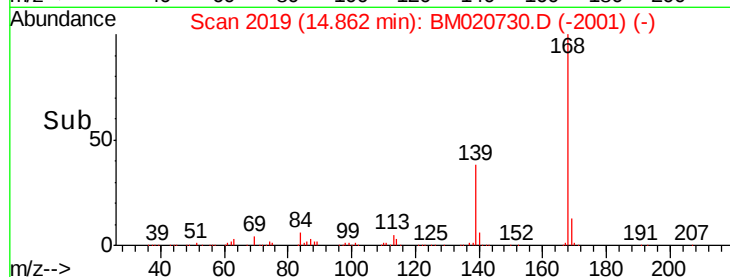
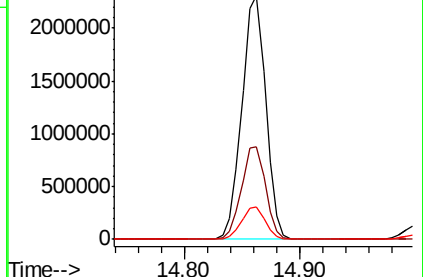
169 13.2 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.529 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

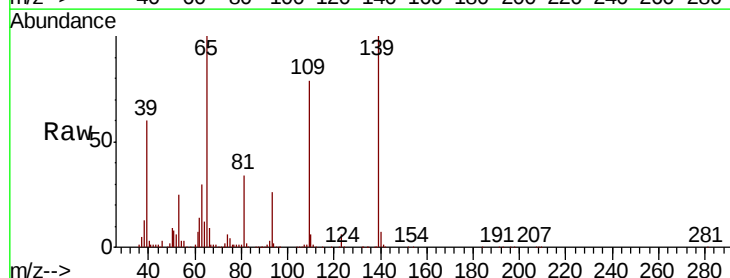
Tgt Ion:139 Resp: 917643

Ion Ratio Lower Upper

139 100

109 78.8 58.0 98.0

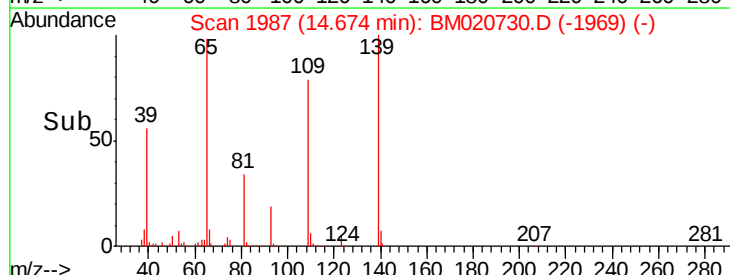
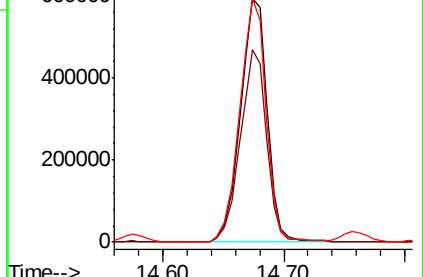
65 99.9 78.3 118.3

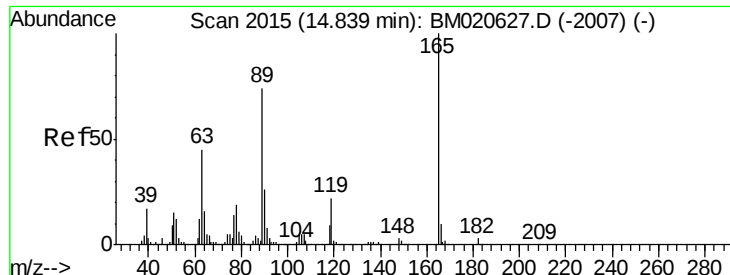


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

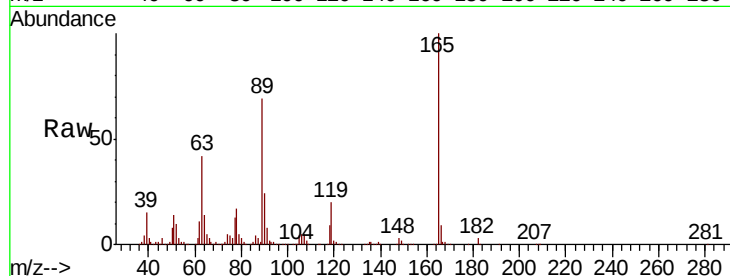




#57
2,4-Dinitrotoluene
Concen: 43.455 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	41.6	32.8	49.2	
89	69.1	55.9	83.9	
182	2.9	2.4	3.6	



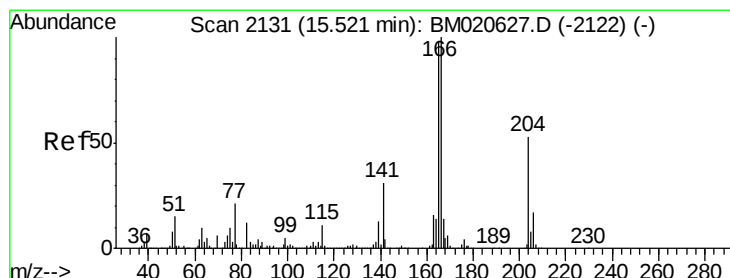
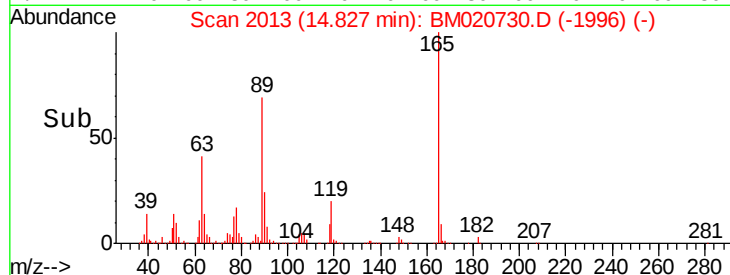
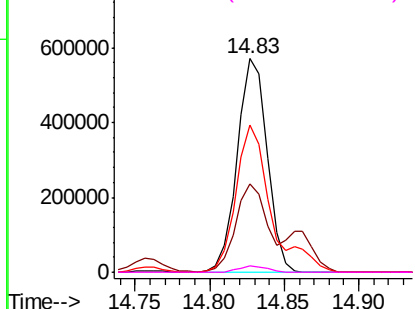
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

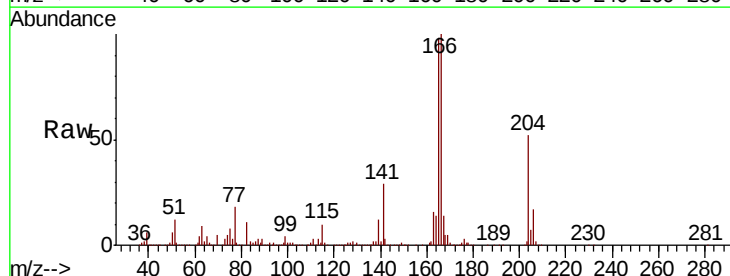
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.078 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.8	79.4	119.2	
167	13.5	10.8	16.2	

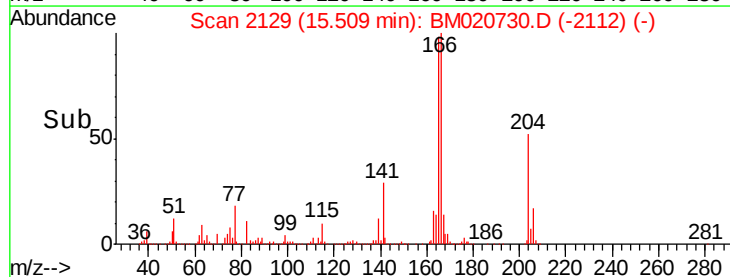
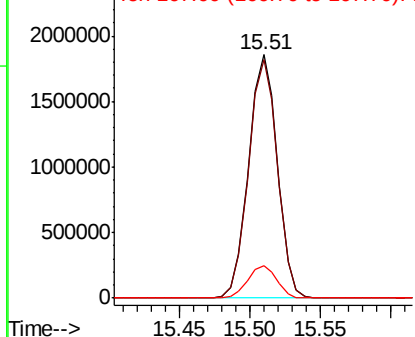


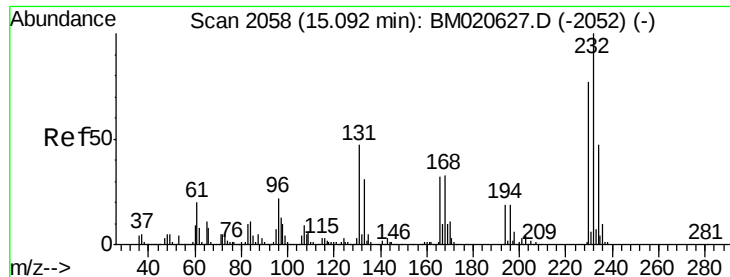
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

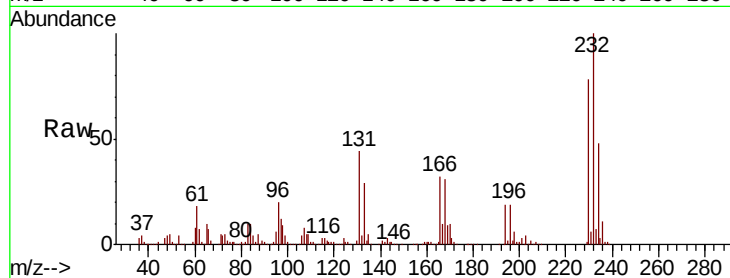




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.328 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.9	55.3
130	2.5	2.0	3.0
166	32.2	25.6	38.4



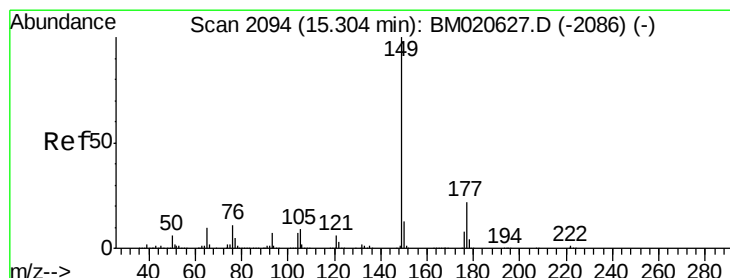
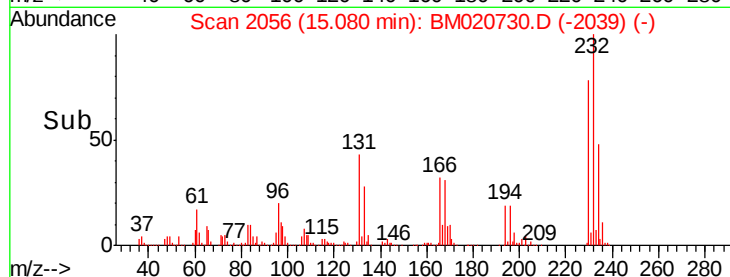
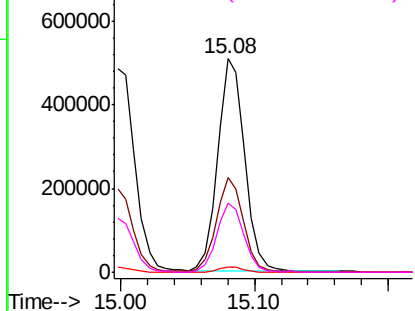
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

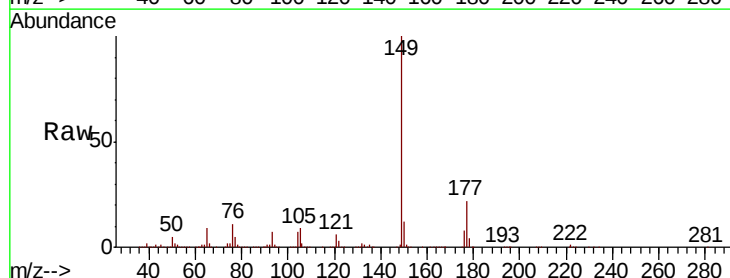
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.085 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.4	10.0	15.0

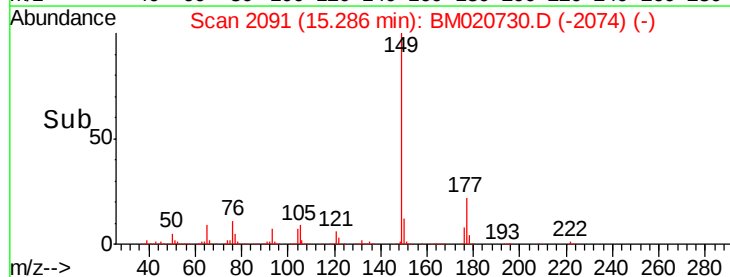
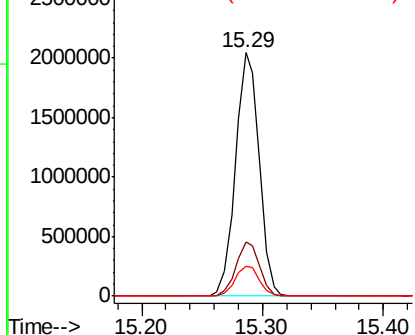


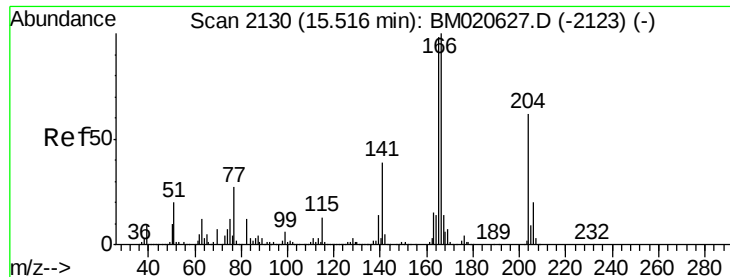
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

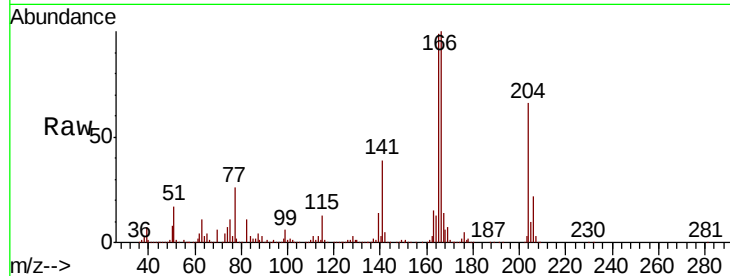




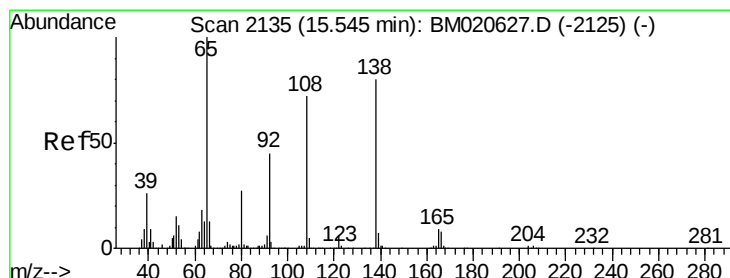
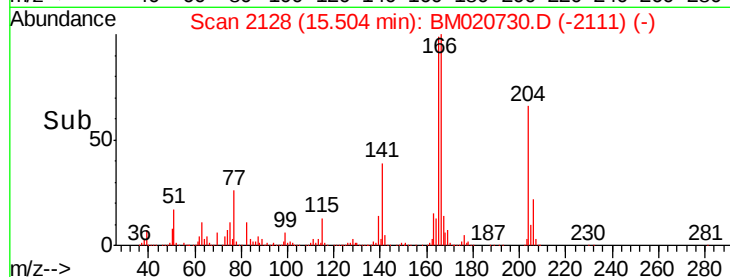
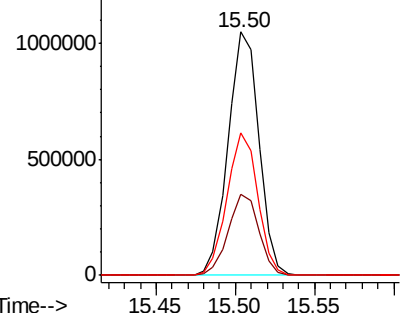
#61
4-Chlorophenyl-phenylether
Concen: 42.365 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:204 Resp: 1416474
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 58.5 46.7 70.1

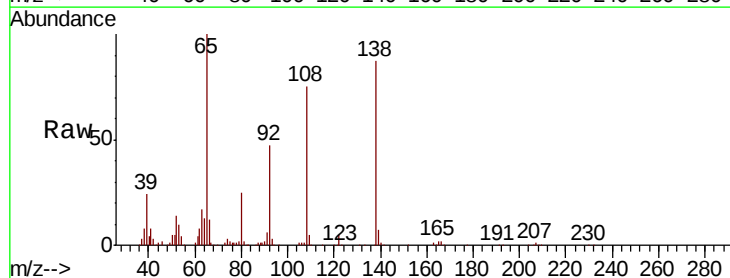


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

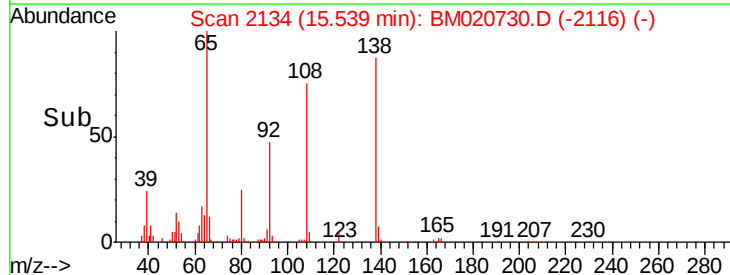
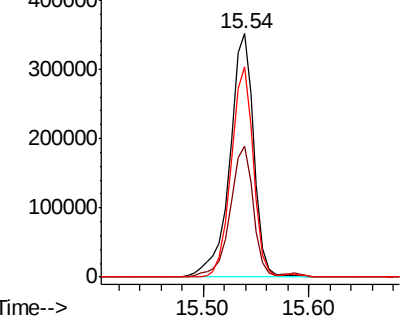


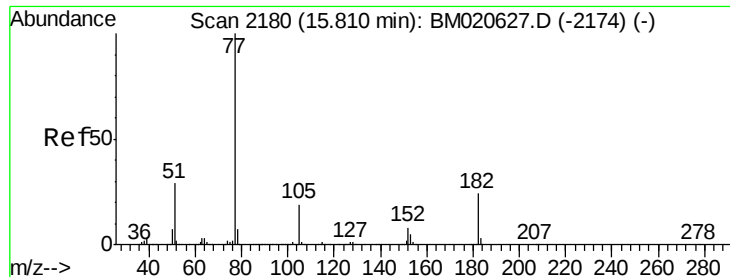
#62
4-Nitroaniline
Concen: 34.121 ng
RT: 15.54 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:138 Resp: 552712
Ion Ratio Lower Upper
138 100
92 53.7 33.2 73.2
108 86.5 64.1 104.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.394 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion: 77 Resp: 2558446

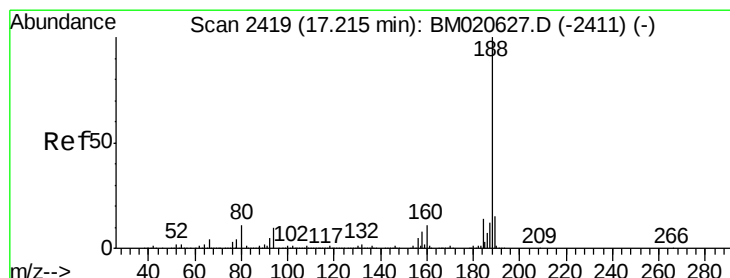
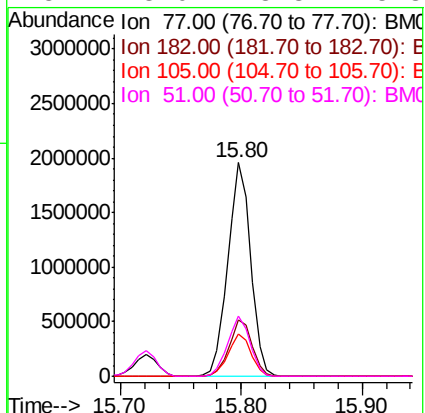
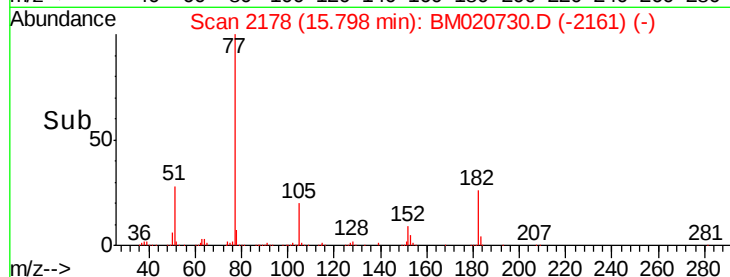
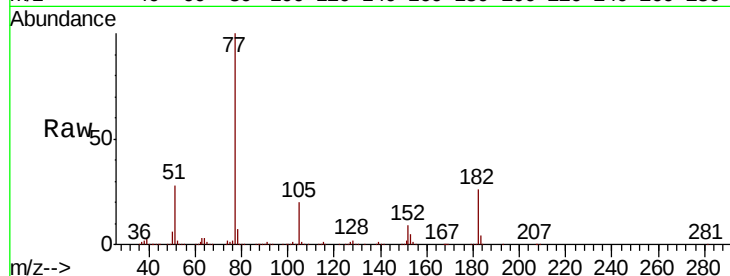
Ion	Ratio	Lower	Upper
77	100		
182	26.2	6.3	46.3
105	20.0	0.4	40.4
51	28.0	8.3	48.3

77 100

182 26.2 6.3 46.3

105 20.0 0.4 40.4

51 28.0 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

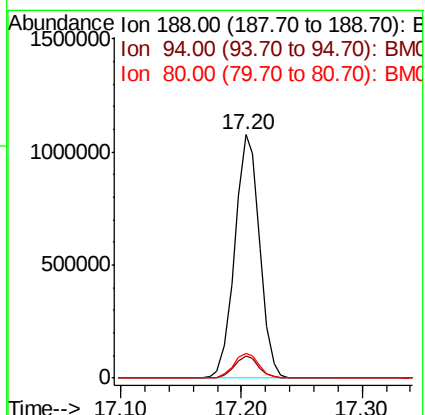
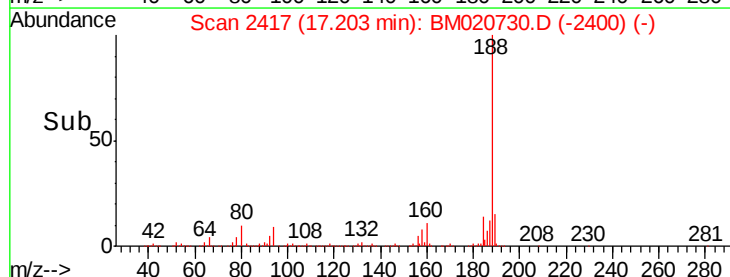
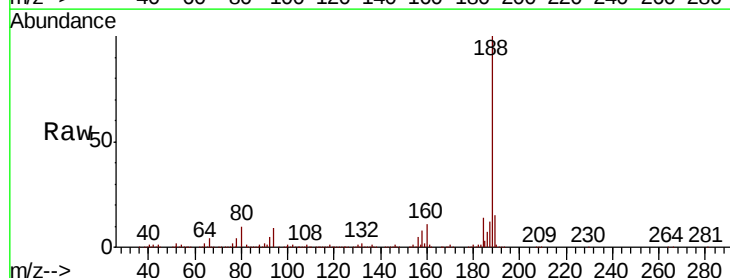
Tgt Ion: 188 Resp: 1536784

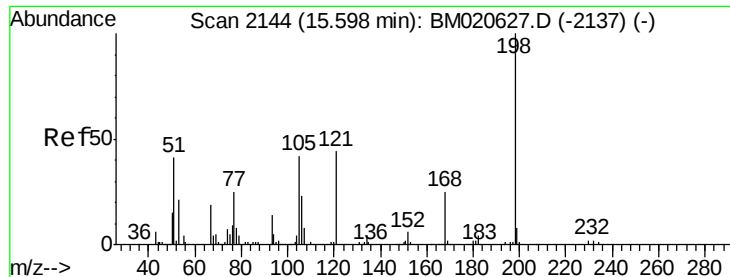
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.3	7.8	11.8

188 100

94 8.9 7.0 10.4

80 10.3 7.8 11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 45.134 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:198 Resp: 311093

Ion	Ratio	Lower	Upper
198	100		
51	43.9	21.6	61.6
105	41.5	20.6	60.6

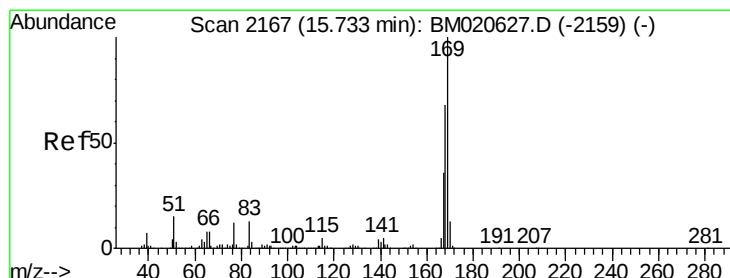
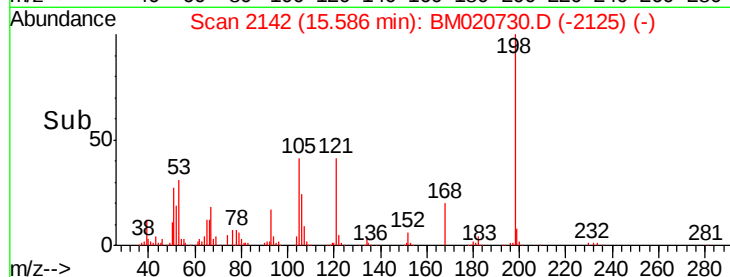
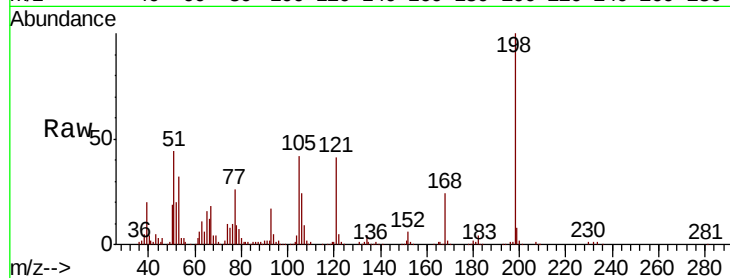
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.485 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:169 Resp: 2286876

Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.7	82.1
167	36.1	29.3	43.9

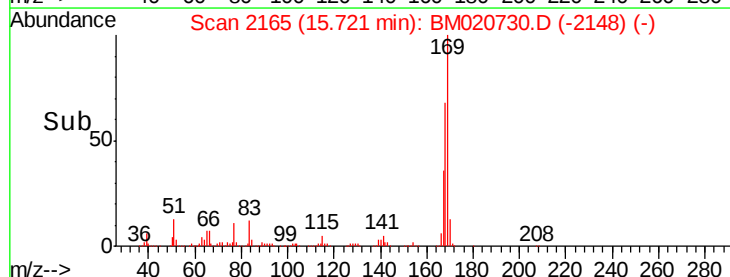
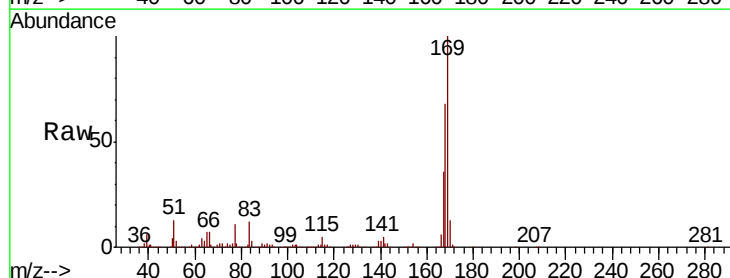
Abundance

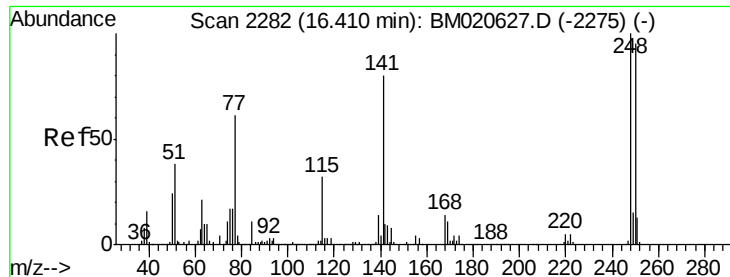
Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

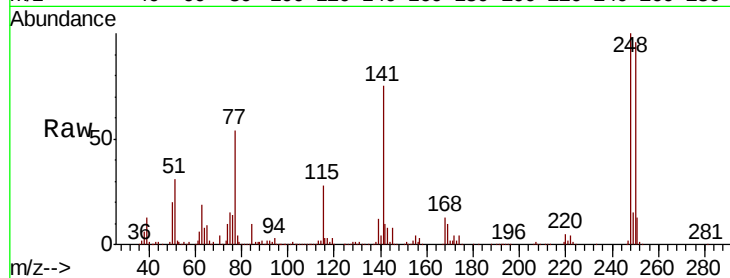




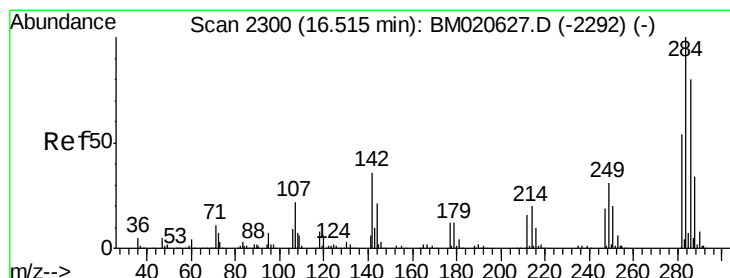
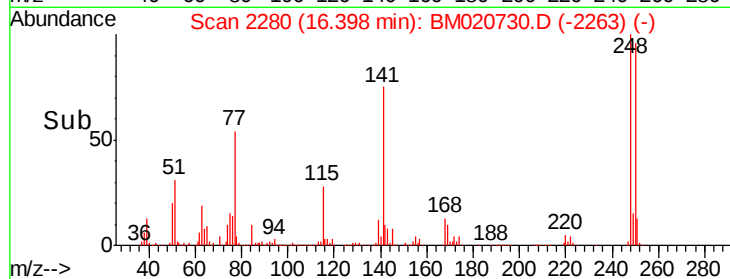
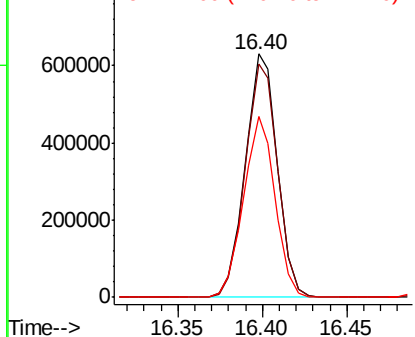
#67
 4-Bromophenyl-phenylether
 Concen: 45.948 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tot Ion:248 Resp: 831388
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.4 116.2
 141 74.5 58.2 87.2

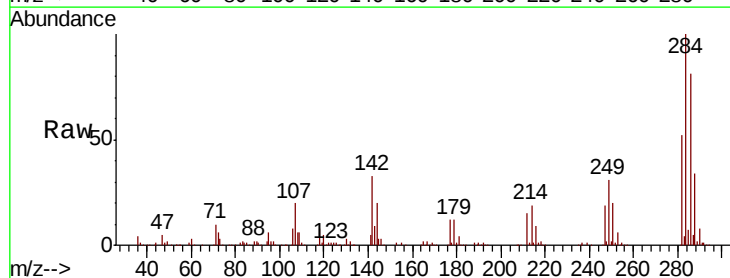


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

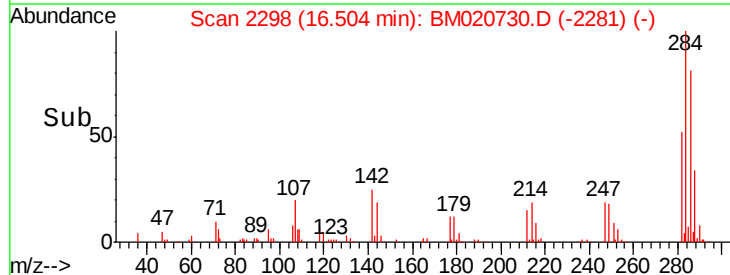
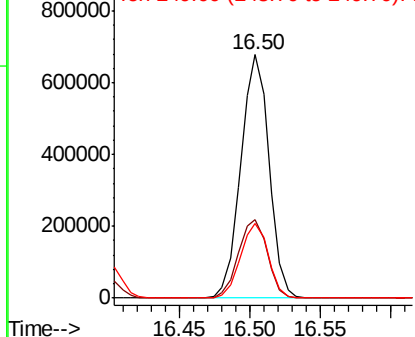


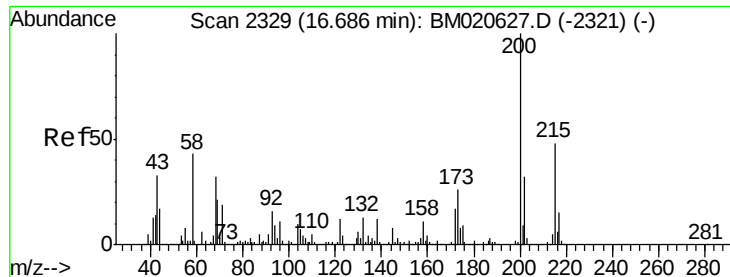
#68
 Hexachlorobenzene
 Concen: 44.645 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion:284 Resp: 943277
 Ion Ratio Lower Upper
 284 100
 142 32.5 25.4 38.0
 249 30.9 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.031 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

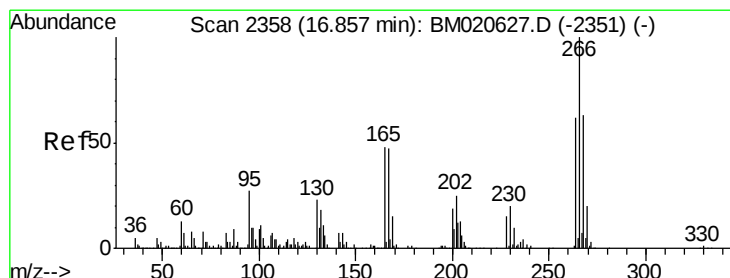
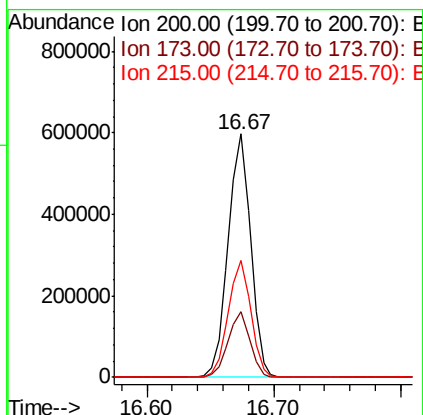
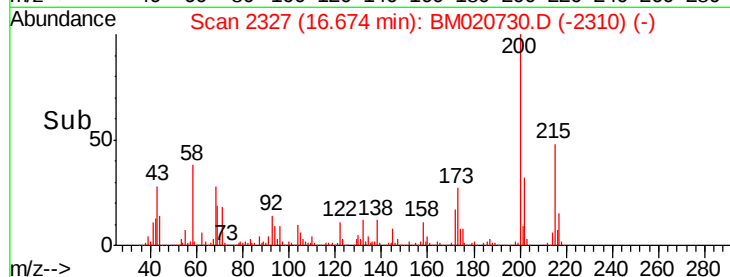
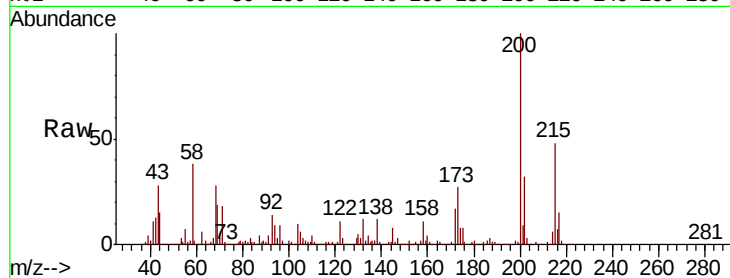
Tot Ion:200 Resp: 734591

Ion Ratio Lower Upper

200 100

173 26.9 5.7 45.7

215 47.9 28.2 68.2



#70

Pentachlorophenol

Concen: 104.731 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

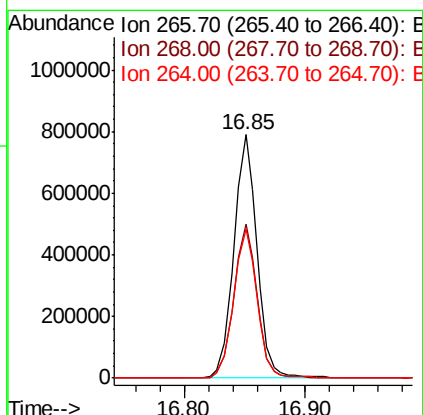
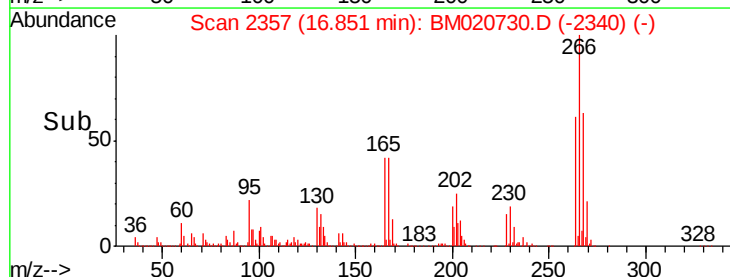
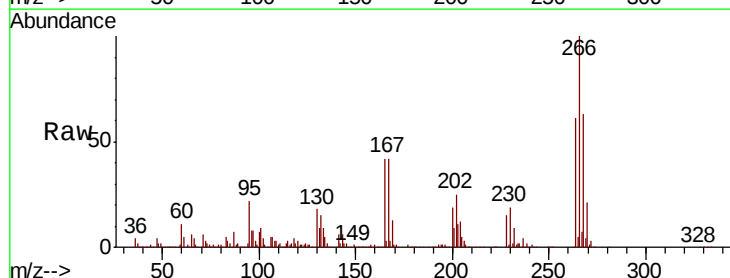
Tgt Ion:266 Resp: 1055656

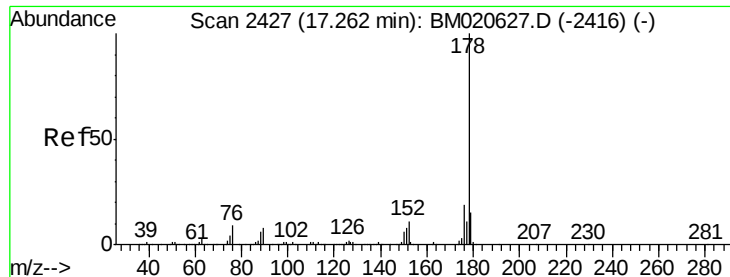
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.4

264 61.1 49.9 74.9

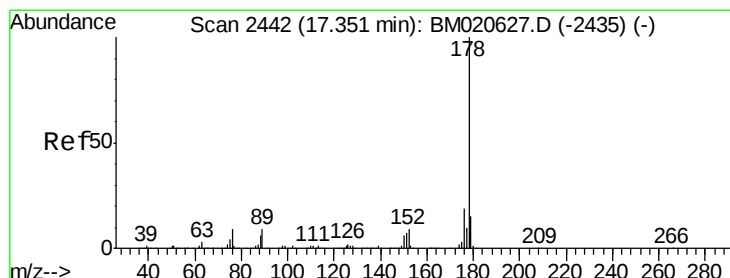
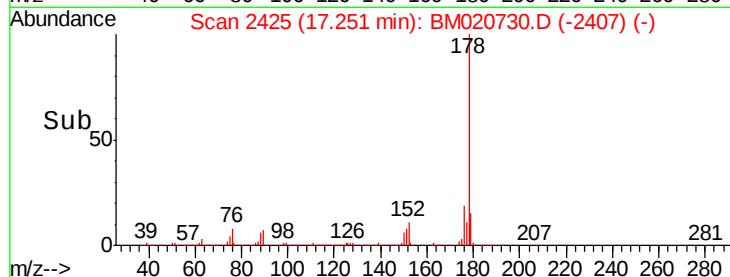
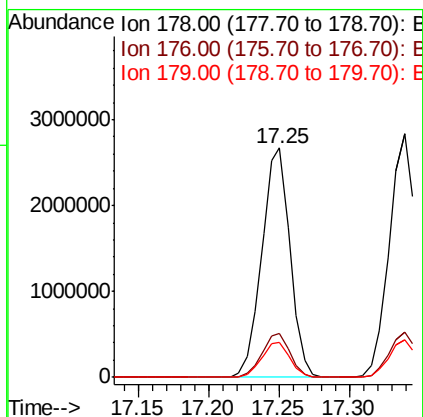
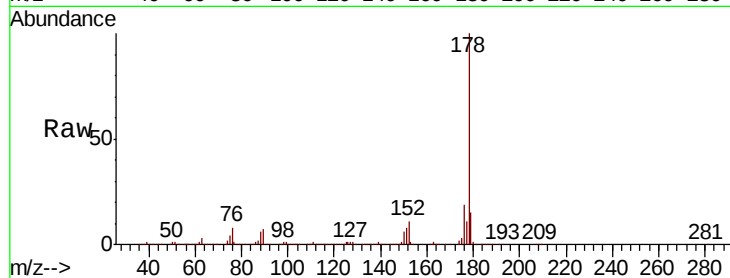




#71
Phenanthrene
Concen: 43.171 ng
RT: 17.25 min Scan# 2425
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

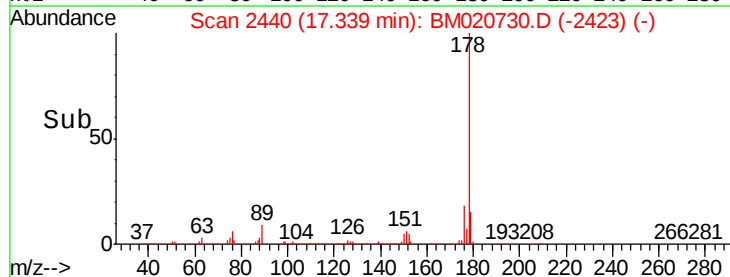
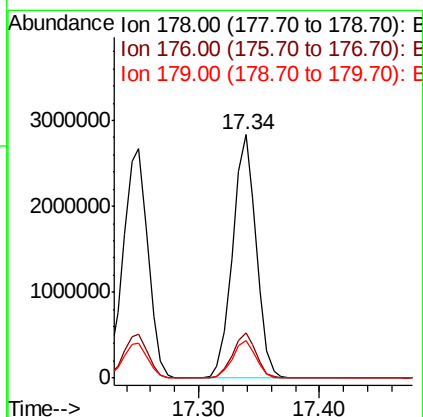
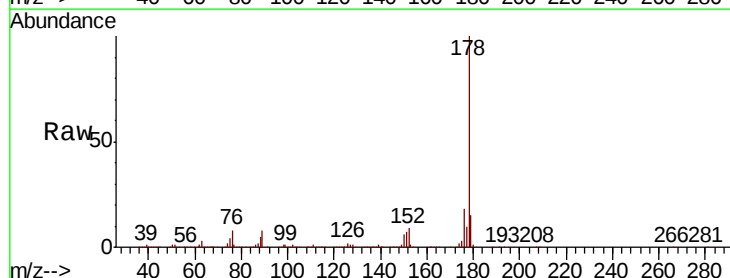
Instrument :
BNA_M
ClientSampleId :
PB120172BS

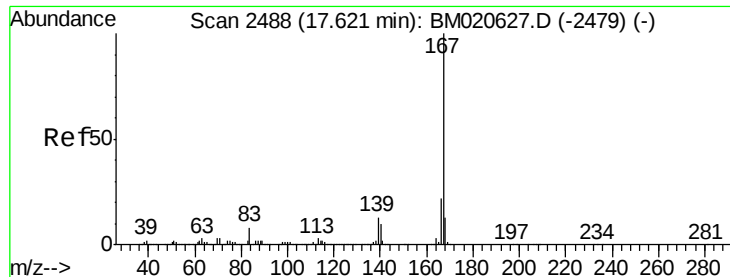
Tot Ion:178 Resp: 3760655
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.3 12.3 18.5



#72
Anthracene
Concen: 43.960 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:178 Resp: 3832673
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 11.9 17.9



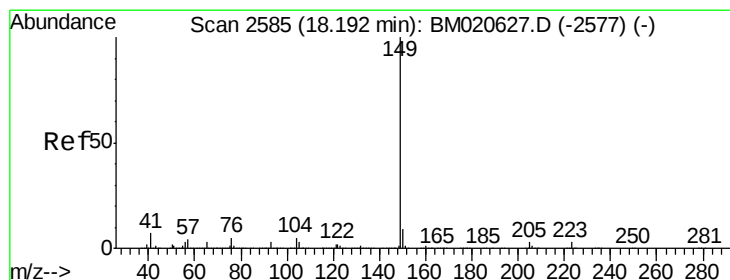
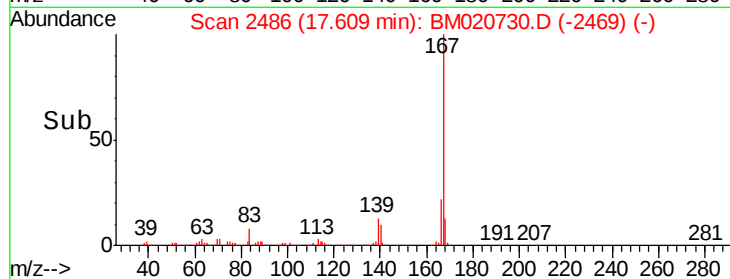
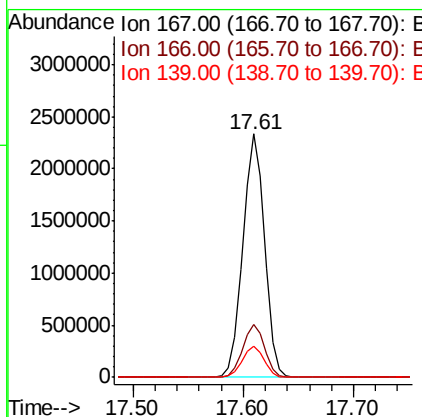
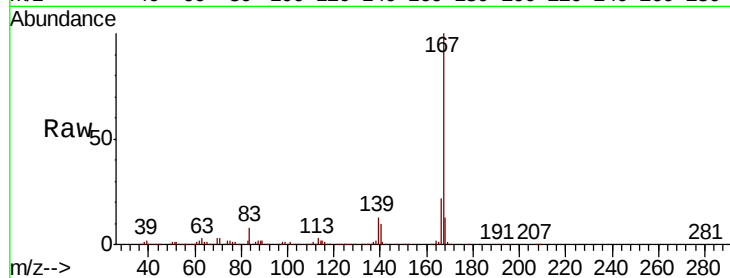


#73
 Carbazole
 Concen: 40.804 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tot Ion:167 Resp: 3228337

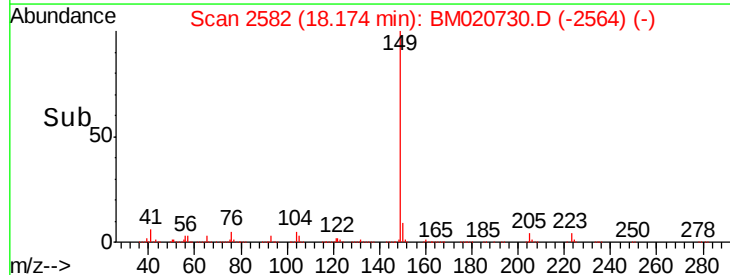
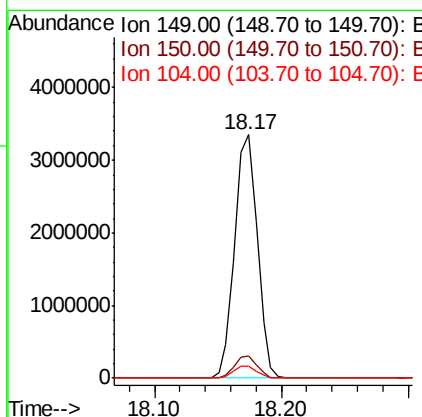
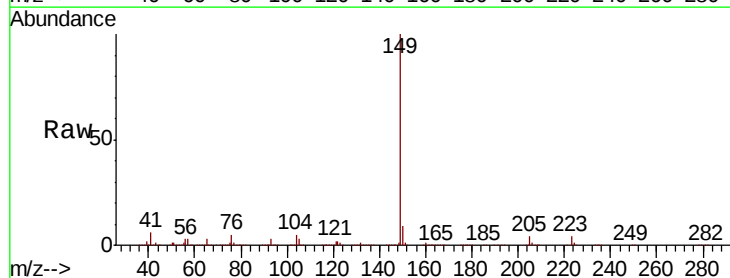
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.9	10.2	15.4

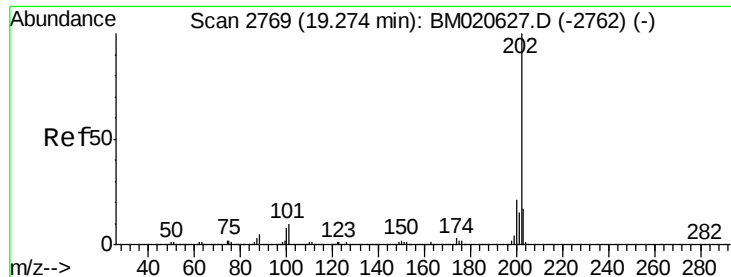


#74
 Di-n-butylphthalate
 Concen: 40.296 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion:149 Resp: 4138577

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 39.684 ng

RT: 19.26 min Scan# 2767

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

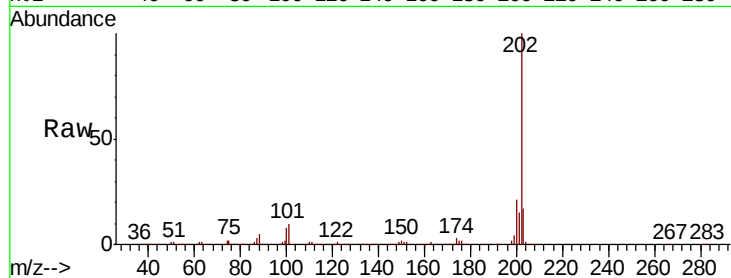
Tot Ion:202 Resp: 3844335

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.5

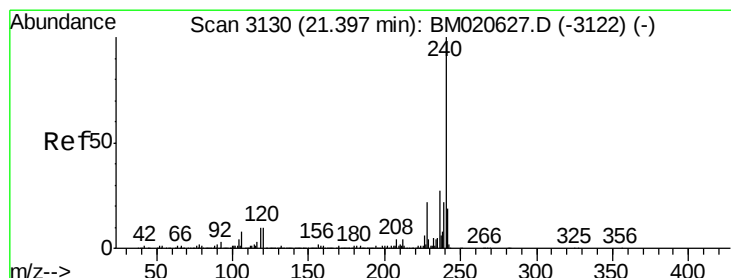
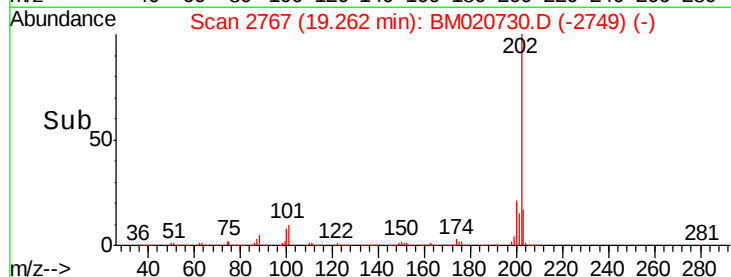
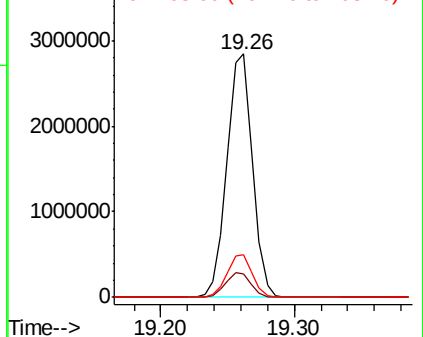
203 17.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

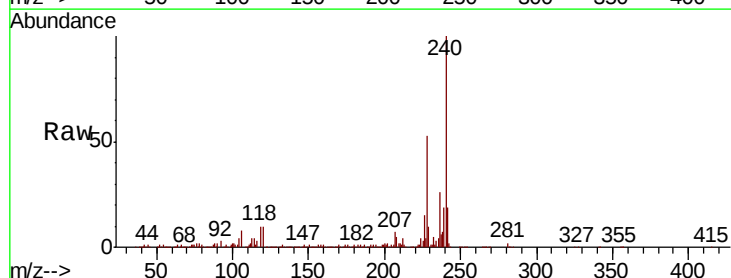
Tgt Ion:240 Resp: 1147568

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

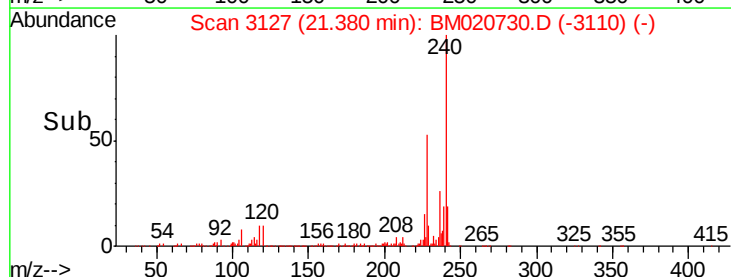
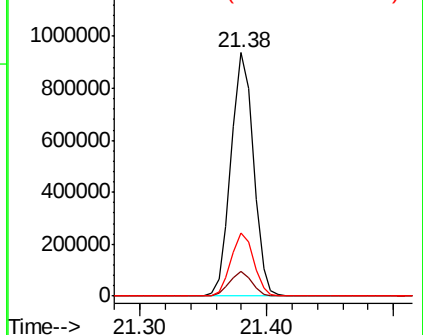
236 26.1 21.1 31.7

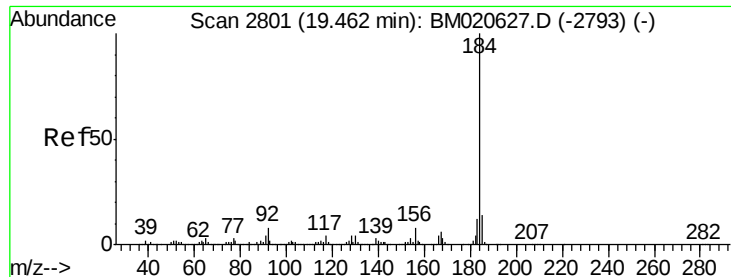


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.076 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

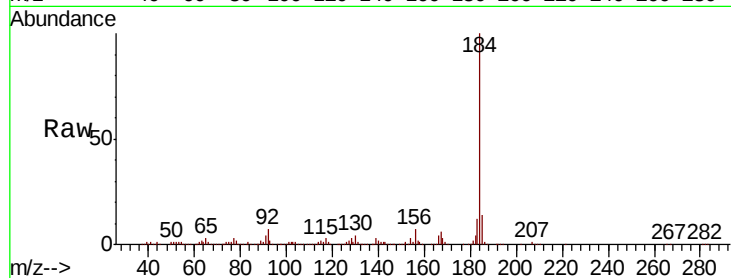
BNA_M

ClientSampleId :

PB120172BS

Tot Ion:184 Resp: 1671724

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	11.8	9.8	14.8

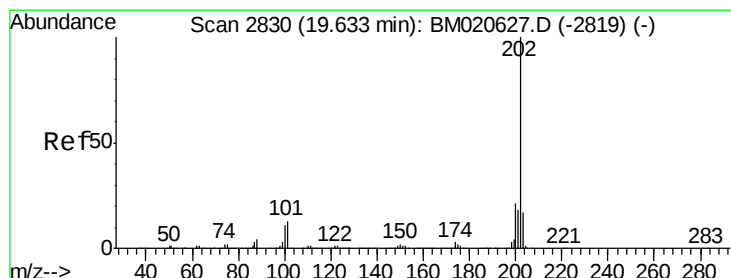
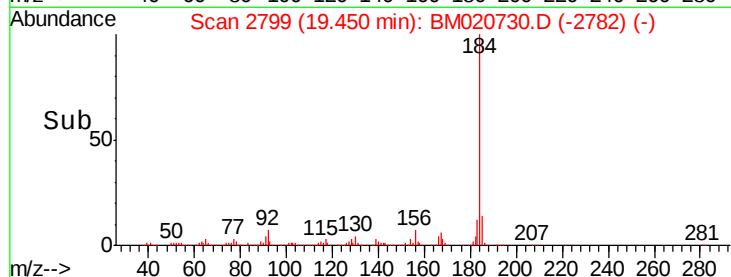
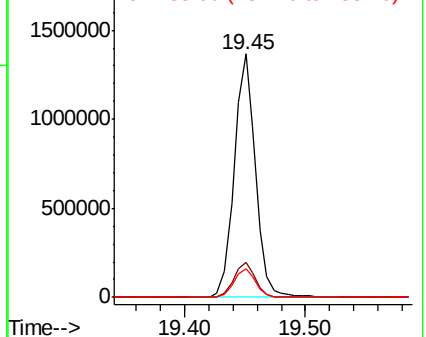


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.504 ng

RT: 19.62 min Scan# 2828

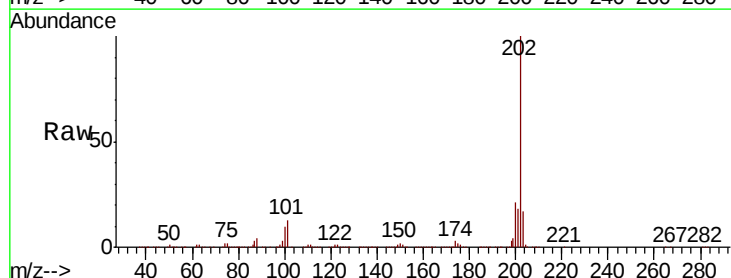
Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:202 Resp: 3831110

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.4	24.6
203	17.4	14.1	21.1

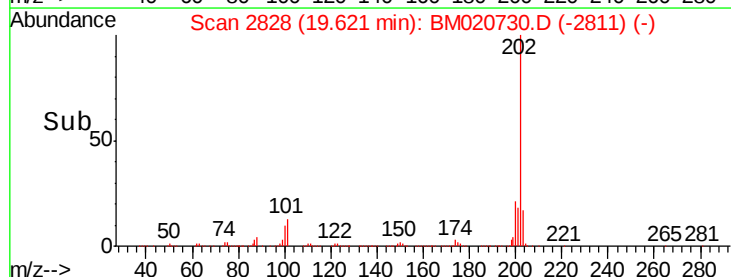
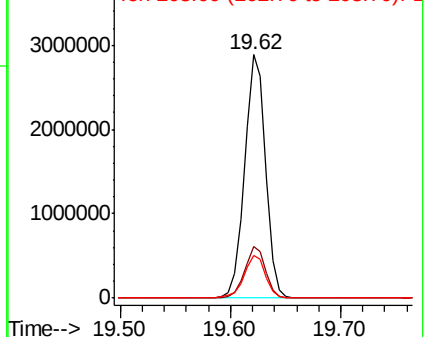


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.648 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

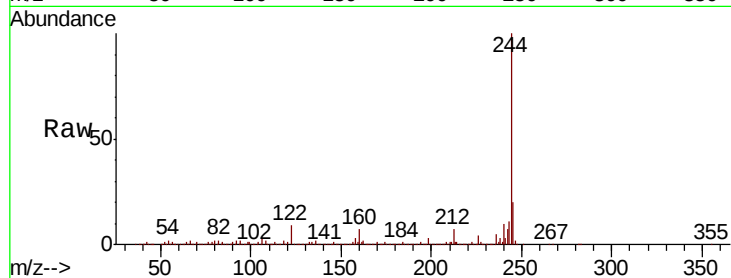
Tot Ion:244 Resp: 5876092

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

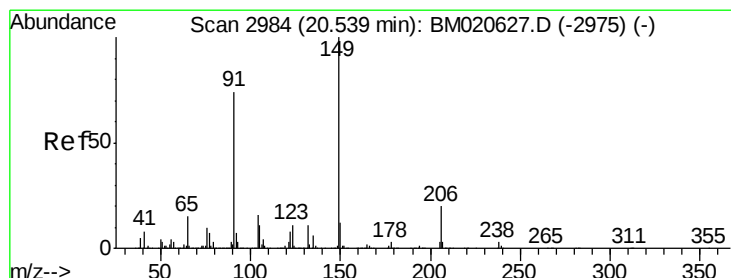
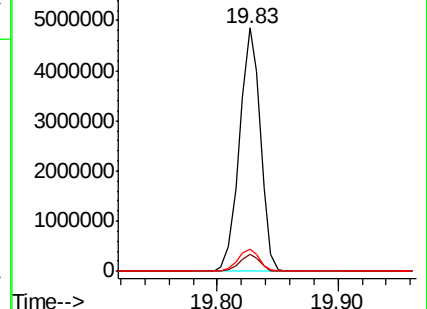
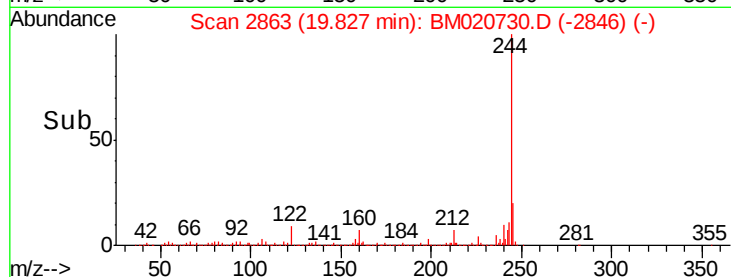
122 9.3 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.847 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

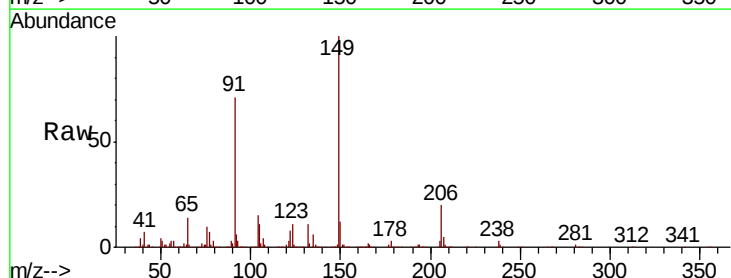
Tgt Ion:149 Resp: 1520143

Ion Ratio Lower Upper

149 100

91 71.0 57.1 85.7

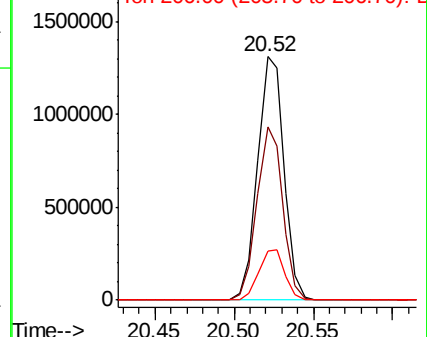
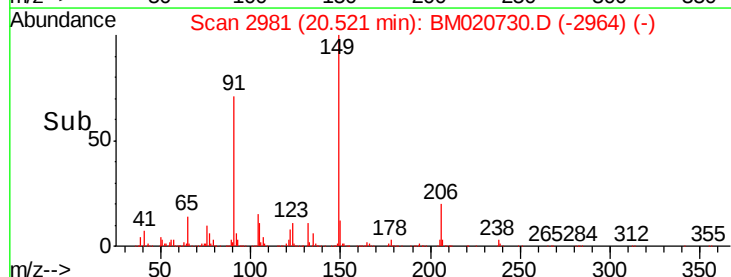
206 20.1 16.3 24.5

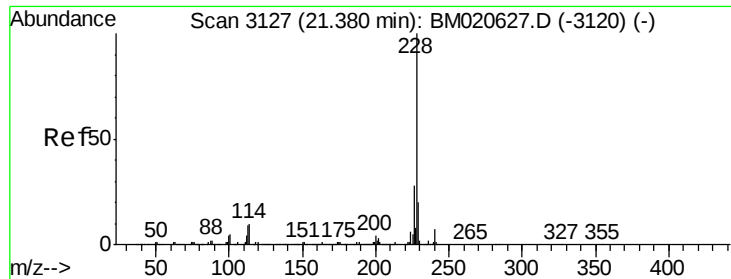


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.414 ng

RT: 21.37 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

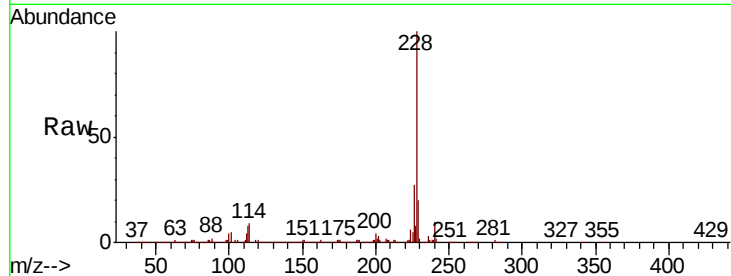
Tot Ion:228 Resp: 3309615

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

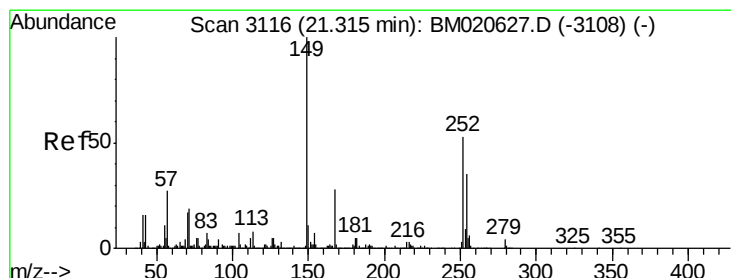
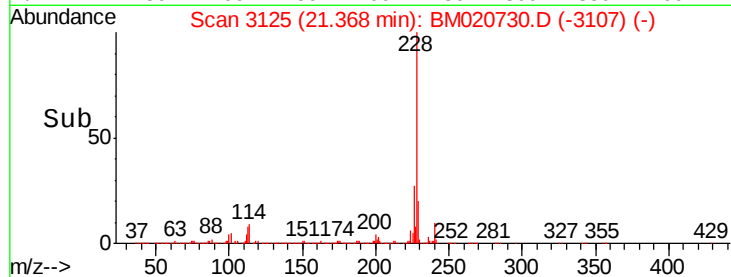
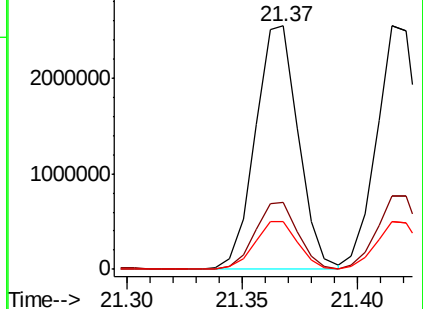
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.838 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

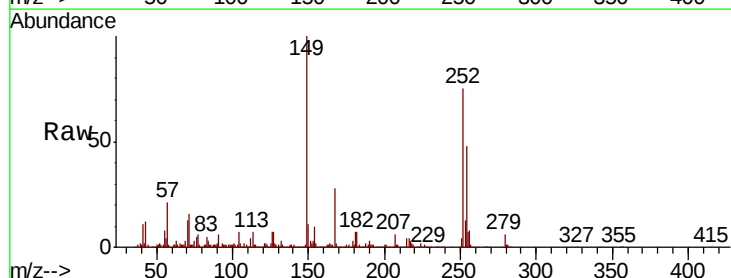
Tgt Ion:252 Resp: 931718

Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

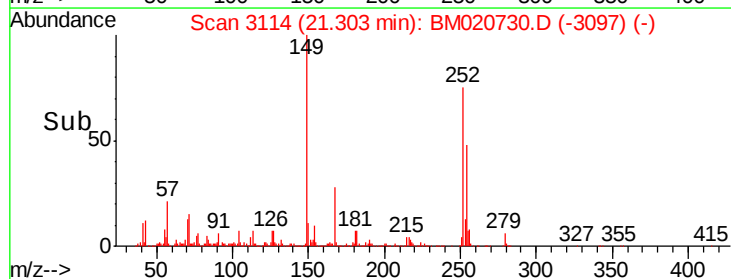
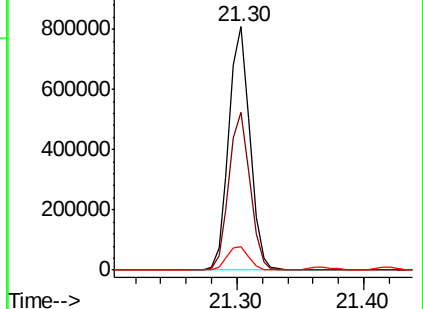
126 9.5 7.8 11.8

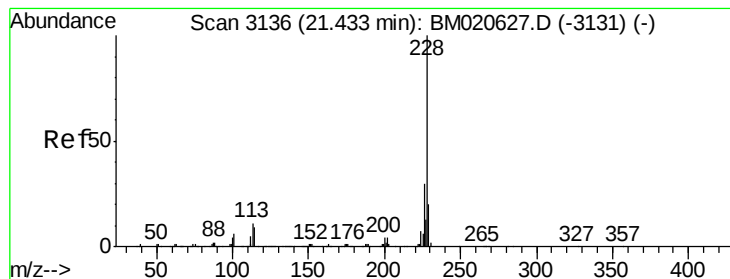


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.939 ng

RT: 21.41 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

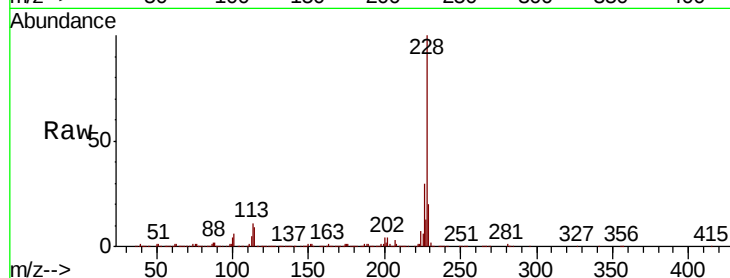
Tot Ion:228 Resp: 3261812

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

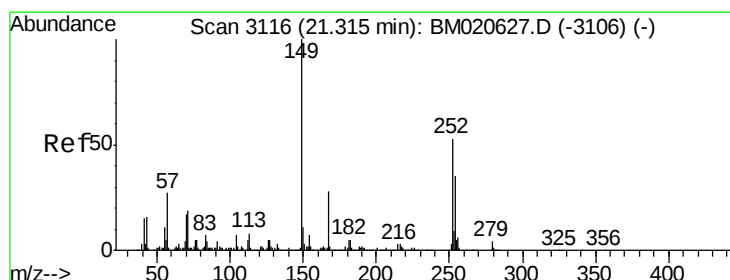
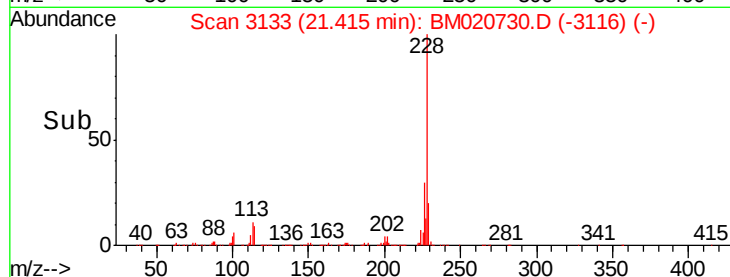
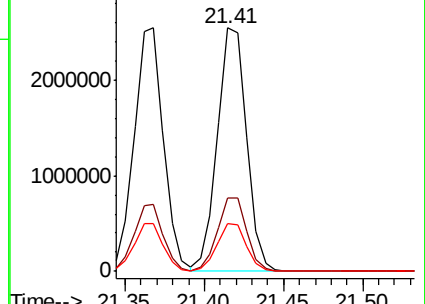
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.186 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

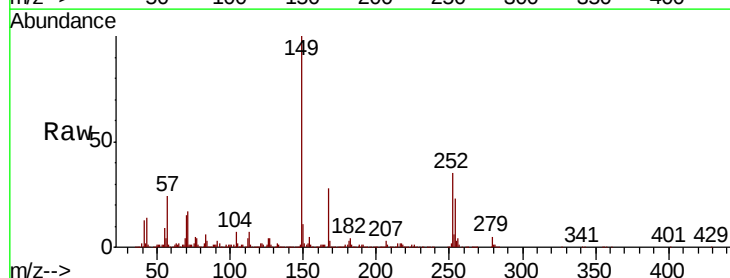
Tgt Ion:149 Resp: 2119493

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

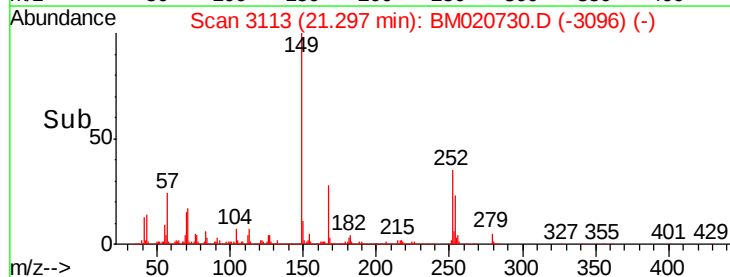
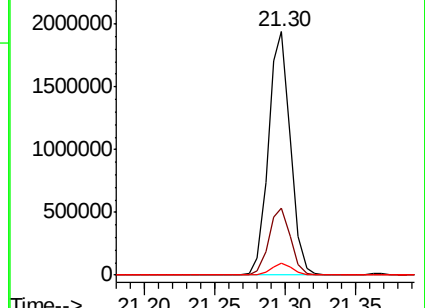
279 4.9 4.0 6.0

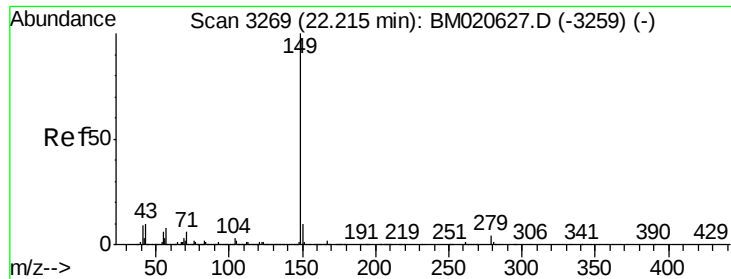


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.979 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

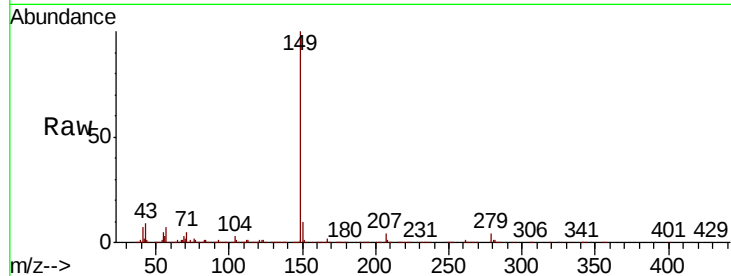
Tot Ion:149 Resp: 3347222

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

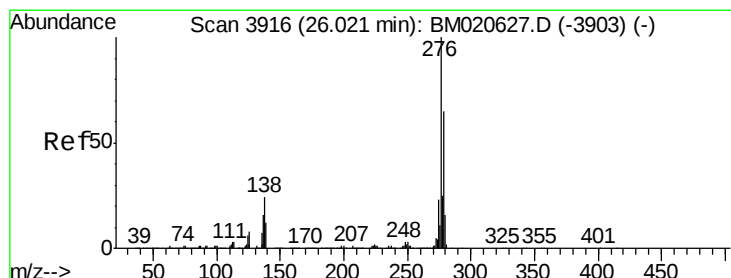
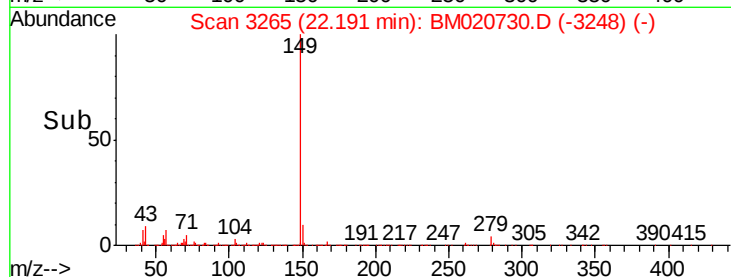
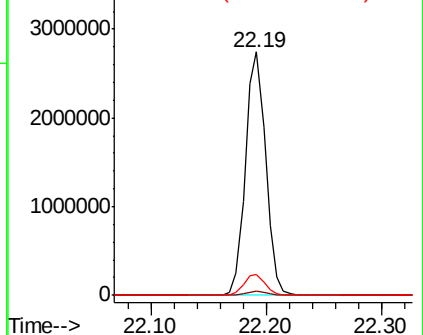
43 8.8 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.160 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

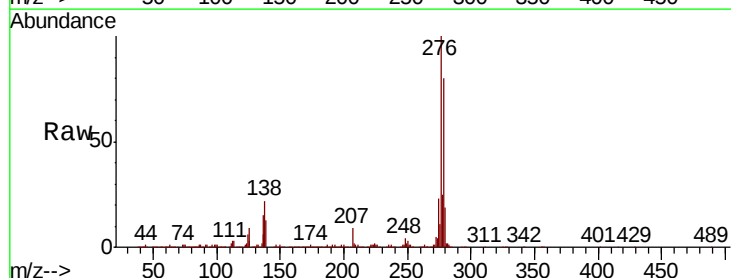
Tgt Ion:276 Resp: 4209084

Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

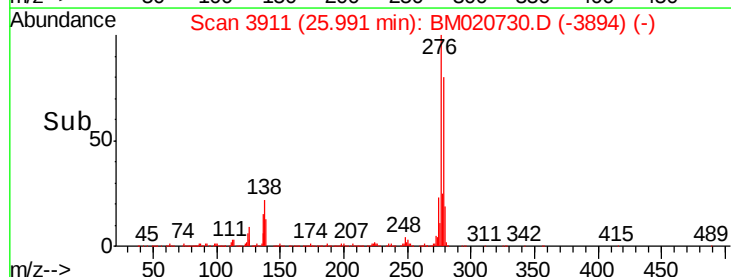
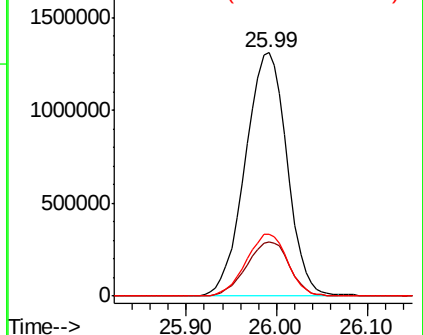
277 25.5 20.5 30.7

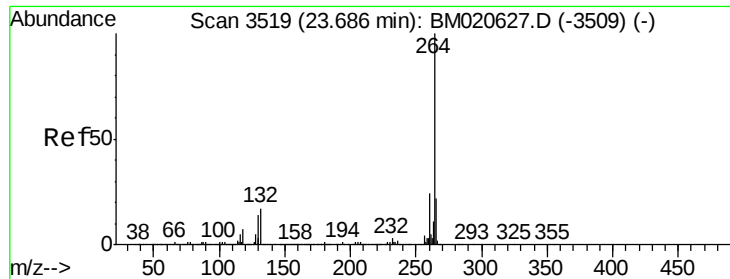


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

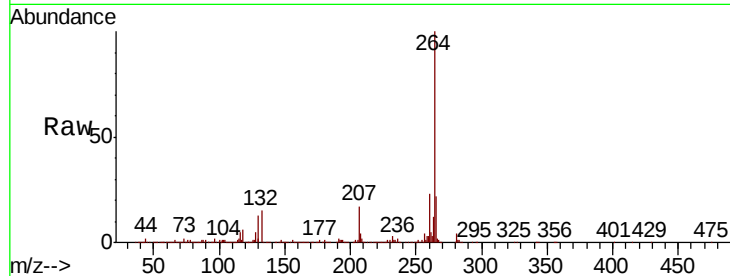
Tot Ion:264 Resp: 1239473

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

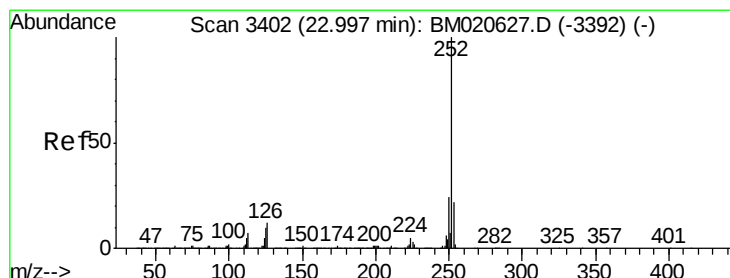
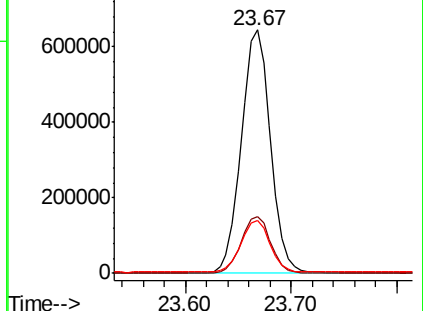
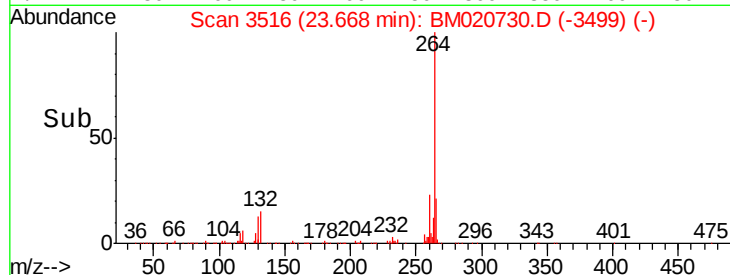
265 21.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.552 ng

RT: 22.98 min Scan# 3399

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

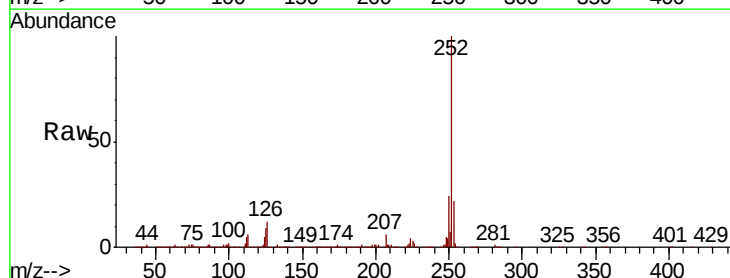
Tgt Ion:252 Resp: 3485938

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

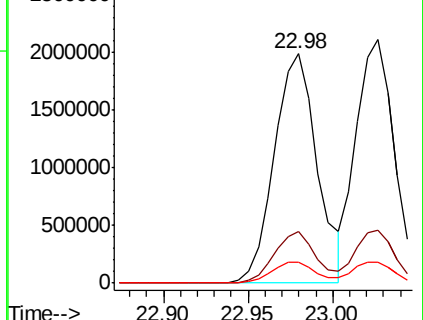
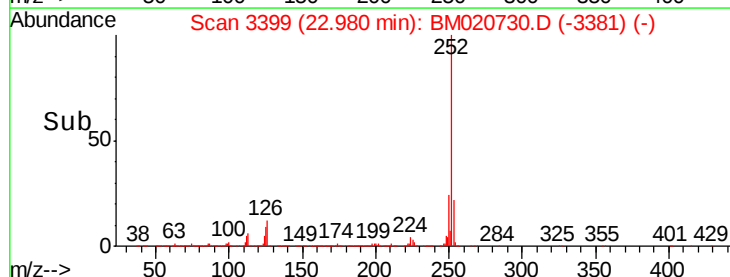
125 9.1 7.6 11.4

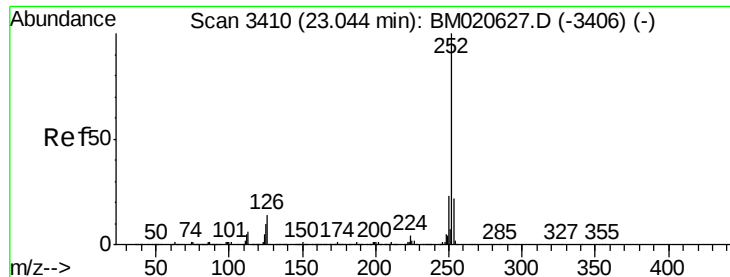


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.372 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

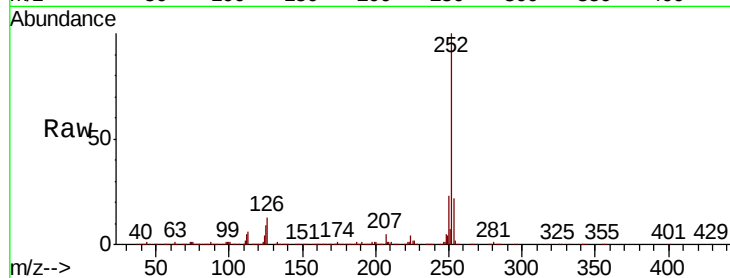
Tot Ion:252 Resp: 3312182

Ion Ratio Lower Upper

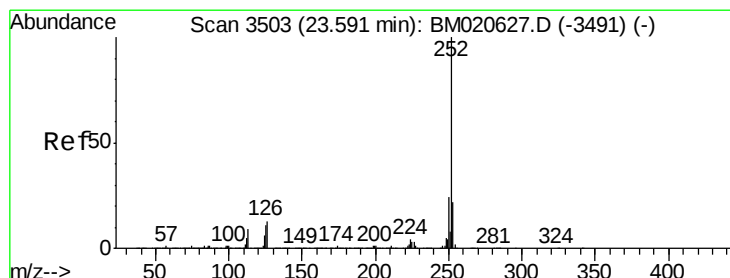
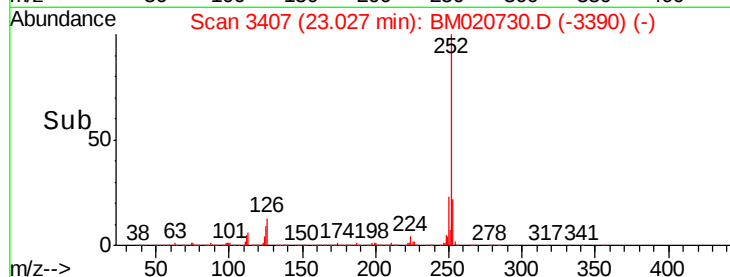
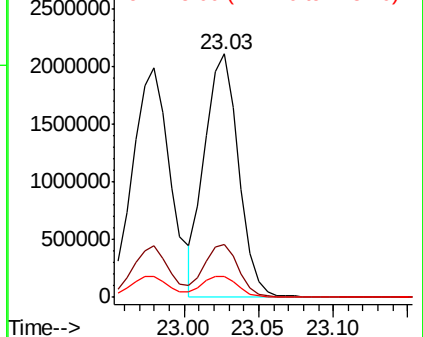
252 100

253 21.7 17.3 25.9

125 8.8 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.056 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

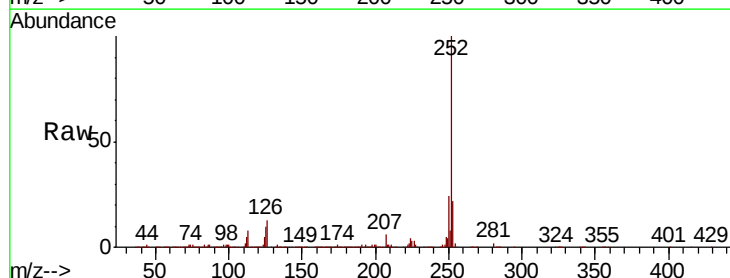
Tgt Ion:252 Resp: 3347970

Ion Ratio Lower Upper

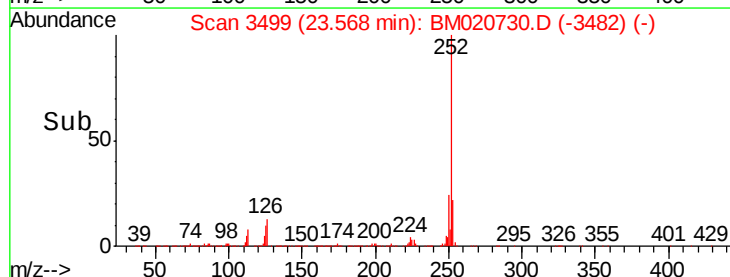
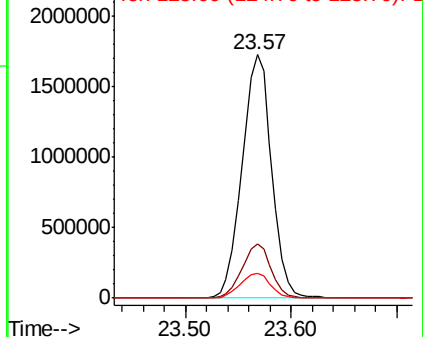
252 100

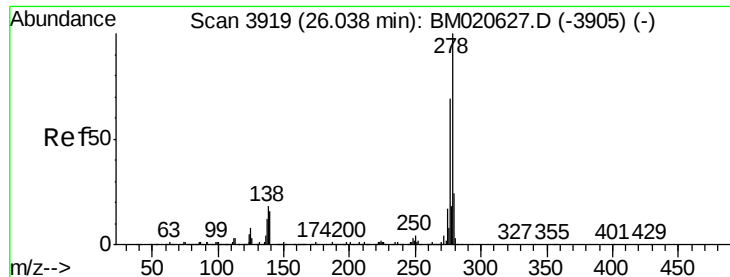
253 22.1 17.3 25.9

125 10.3 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.342 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

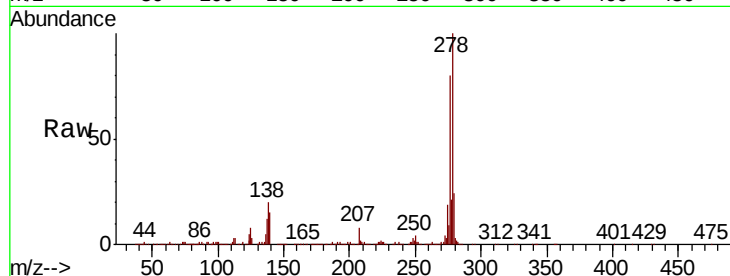
Tot Ion:278 Resp: 3557078

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.6

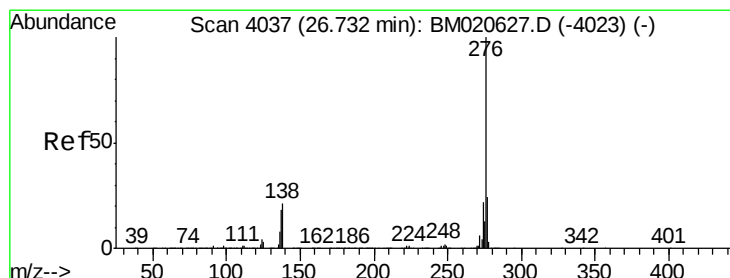
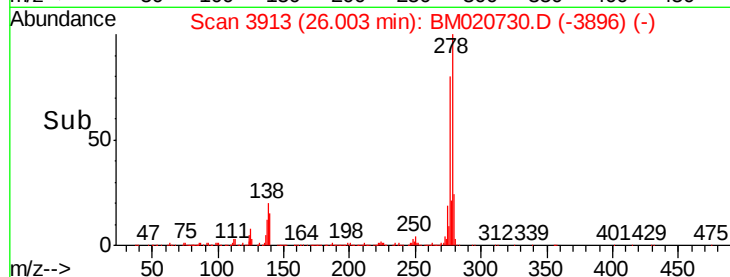
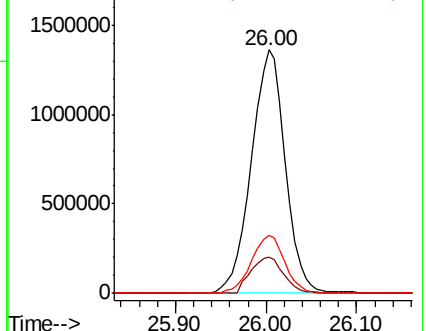
279 23.6 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.387 ng

RT: 26.70 min Scan# 4032

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

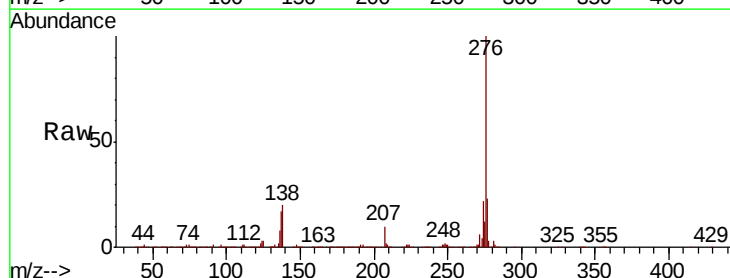
Tgt Ion:276 Resp: 3440919

Ion Ratio Lower Upper

276 100

277 23.4 19.3 28.9

138 19.9 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

