

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024627.D
 Acq On : 27 Jan 2020 14:39
 Operator : CG/JU
 Sample : PB126361BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 05:35:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	281741	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1042003	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	711322	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1494643	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1126768	20.00	ng	0.00
87) Perylene-d12	23.16	264	1036508	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	1733293	117.00	ng	0.00
7) Phenol-d6	6.65	99	2109618	103.37	ng	0.00
23) Nitrobenzene-d5	8.58	82	1204695	56.70	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1240229	107.19	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3395295	64.89	ng	0.00
79) Terphenyl-d14	19.50	244	4791892	79.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	232142	39.613	ng	92
3) Pyridine	3.46	79	484237	28.504	ng	94
4) n-Nitrosodimethylamine	3.37	42	225551	29.911	ng	85
6) Aniline	6.79	93	774712	31.183	ng	96
8) 2-Chlorophenol	7.02	128	658370	39.038	ng	91
9) Benzaldehyde	6.59	77	299782	24.860	ng	94
10) Phenol	6.67	94	739717	36.362	ng	98
11) bis(2-Chloroethyl)ether	6.89	93	561274	34.464	ng	94
12) 1,3-Dichlorobenzene	7.33	146	755511	36.466	ng	96
13) 1,4-Dichlorobenzene	7.47	146	770457	36.656	ng	97
14) 1,2-Dichlorobenzene	7.79	146	725777	35.773	ng	98
15) Benzyl Alcohol	7.69	79	541187	32.163	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.98	45	406149	27.242	ng	96
17) 2-Methylphenol	7.89	107	520470	36.305	ng	96
18) Hexachloroethane	8.50	117	273934	33.751	ng	96
19) n-Nitroso-di-n-propylamine	8.25	70	437468	28.550	ng	95
20) 3+4-Methylphenols	8.22	107	701626	35.356	ng	98
22) Acetophenone	8.26	105	891899	33.195	ng	96
24) Nitrobenzene	8.62	77	684702	33.628	ng	96
25) Isophorone	9.15	82	1192043	33.018	ng	96
26) 2-Nitrophenol	9.33	139	369161	39.155	ng	93
27) 2,4-Dimethylphenol	9.41	122	593081	46.291	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	745939	33.823	ng	99
29) 2,4-Dichlorophenol	9.86	162	715716	41.348	ng	96
30) 1,2,4-Trichlorobenzene	10.07	180	817937	39.181	ng	98
31) Naphthalene	10.25	128	1966338	37.362	ng	100
32) Benzoic acid	9.57	122	354966	30.287	ng	94
33) 4-Chloroaniline	10.36	127	368089	15.956	ng	96
34) Hexachlorobutadiene	10.56	225	544791	37.751	ng	99
35) Caprolactam	11.15	113	89436	16.105	ng	89
36) 4-Chloro-3-methylphenol	11.51	107	637681	34.646	ng	91
37) 2-Methylnaphthalene	11.87	142	1524670	37.540	ng	97
38) 1-Methylnaphthalene	12.10	142	1446700	37.446	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	951800	37.491	ng	100

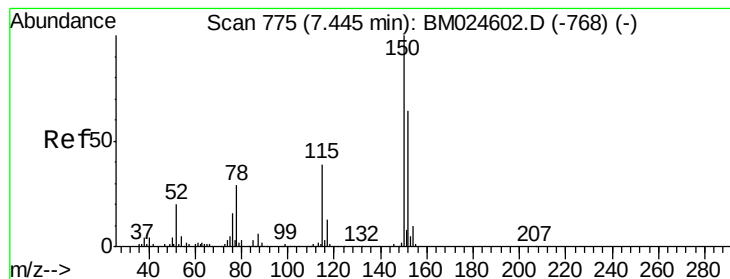
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024627.D
 Acq On : 27 Jan 2020 14:39
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1481429	104.107	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	628033	38.875	ng	99
44) 2,4,5-Trichlorophenol	12.57	196	658641	39.920	ng	96
46) 1,1'-Biphenyl	12.92	154	1992195	37.008	ng	99
47) 2-Chloronaphthalene	12.95	162	1597914	36.769	ng	97
48) 2-Nitroaniline	13.16	65	364945	27.534	ng	89
49) Acenaphthylene	13.81	152	2432126	37.384	ng	99
50) Dimethylphthalate	13.57	163	1997557	34.729	ng	99
51) 2,6-Dinitrotoluene	13.67	165	440543	36.024	ng	# 85
52) Acenaphthene	14.16	154	1452829	35.988	ng	99
53) 3-Nitroaniline	14.00	138	291486	22.981	ng	90
54) 2,4-Dinitrophenol	14.21	184	497139	67.981	ng	89
55) Dibenzofuran	14.50	168	2431782	36.936	ng	96
56) 4-Nitrophenol	14.33	139	689192	69.513	ng	88
57) 2,4-Dinitrotoluene	14.47	165	594497	33.920	ng	88
58) Fluorene	15.15	166	1925843	34.807	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	621189	37.127	ng	# 94
60) Diethylphthalate	14.95	149	1902892	32.587	ng	98
61) 4-Chlorophenyl-phenylether	15.16	204	1113062	34.894	ng	98
62) 4-Nitroaniline	15.17	138	386915	27.636	ng	95
63) Azobenzene	15.44	77	1521339	30.543	ng	96
65) 4,6-Dinitro-2-methylphenol	15.24	198	344244	39.171	ng	86
66) n-Nitrosodiphenylamine	15.37	169	1689963	39.362	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	726679	39.096	ng	94
68) Hexachlorobenzene	16.16	284	835562	39.174	ng	97
69) Atrazine	16.34	200	644434	39.104	ng	99
70) Pentachlorophenol	16.50	266	1011249	77.835	ng	99
71) Phenanthrene	16.89	178	2962574	36.603	ng	98
72) Anthracene	16.97	178	3033703	38.307	ng	99
73) Carbazole	17.24	167	2505869	34.758	ng	99
74) Di-n-butylphthalate	17.84	149	3000929	32.560	ng	99
75) Fluoranthene	18.91	202	3359157	33.253	ng	98
77) Benzidine	19.10	184	1934838	73.734	ng	99
78) Pyrene	19.27	202	3391499	45.658	ng	100
80) Butylbenzylphthalate	20.22	149	1091936	35.033	ng	91
81) Benzo(a)anthracene	21.03	228	2891325	36.971	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	787382	27.989	ng	# 99
83) Chrysene	21.09	228	2732776	36.621	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1490571	32.410	ng	98
85) Di-n-octyl phthalate	21.86	149	2193338	28.867	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.23	276	2678896	32.937	ng	99
88) Benzo(b)fluoranthene	22.54	252	2514641	37.406	ng	99
89) Benzo(k)fluoranthene	22.59	252	2514973	38.327	ng	99
90) Benzo(a)pyrene	23.07	252	2217660	36.284	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	2267549	39.088	ng	99
92) Benzo(g,h,i)perylene	25.86	276	2258499	42.876	ng	99

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

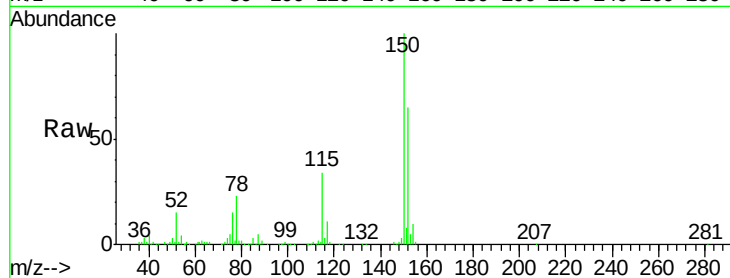


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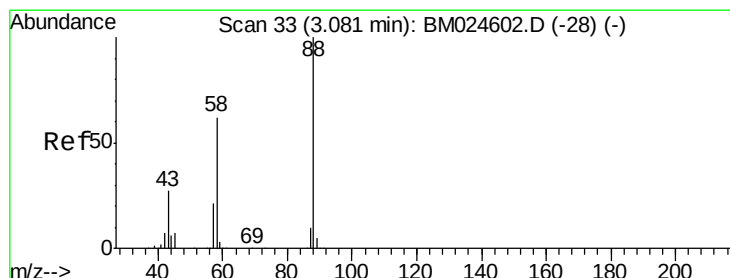
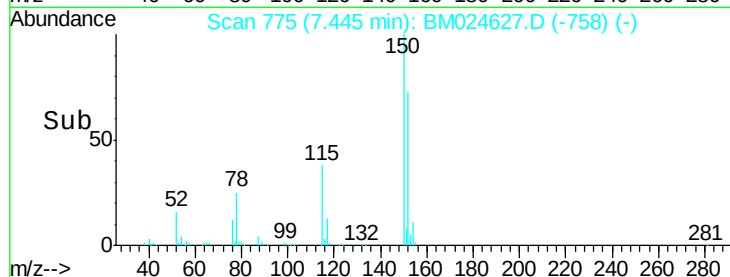
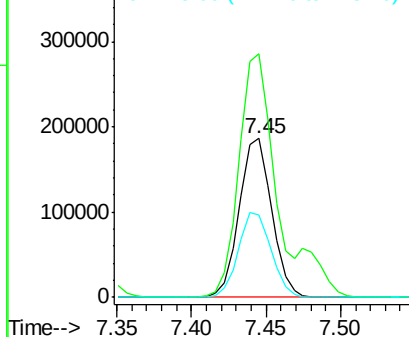
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 281741
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.4
115 52.2 48.6 72.8



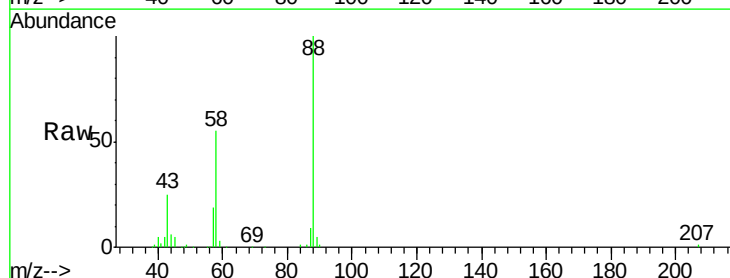
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



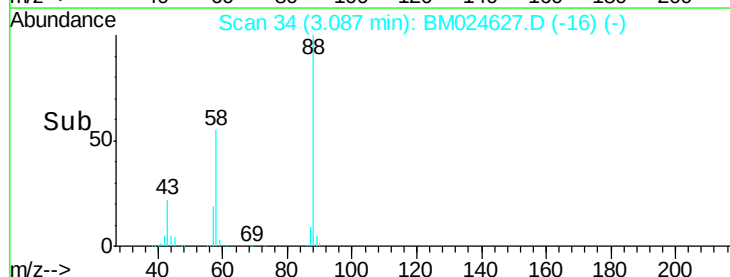
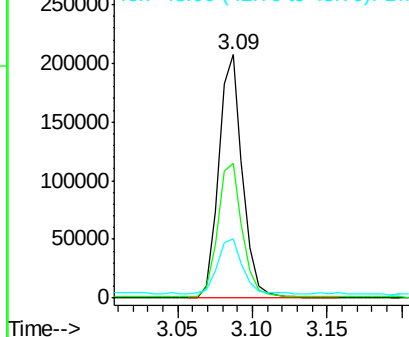
#2

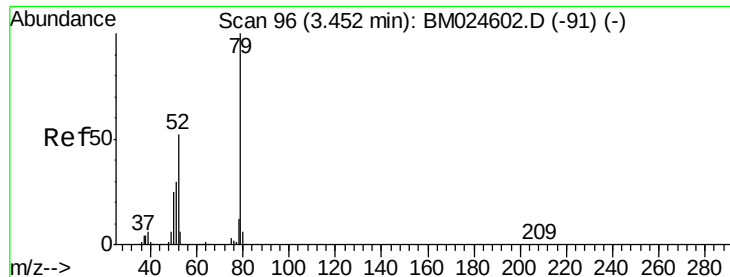
1,4-Dioxane
Concen: 39.613 ng
RT: 3.09 min Scan# 34
Delta R.T. 0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion: 88 Resp: 232142
Ion Ratio Lower Upper
88 100
58 55.7 50.0 75.0
43 24.4 21.6 32.4



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: 28.504 ng

RT: 3.46 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

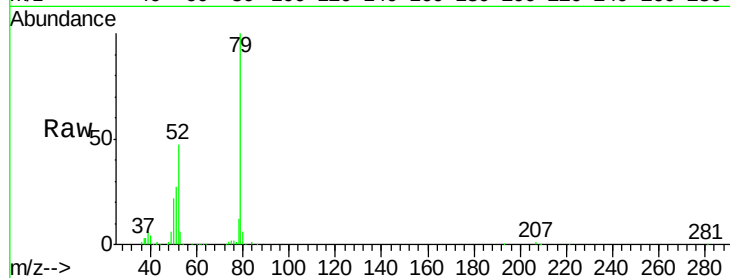
Tot Ion: 79 Resp: 484237

Ion Ratio Lower Upper

79 100

52 46.8 41.4 62.2

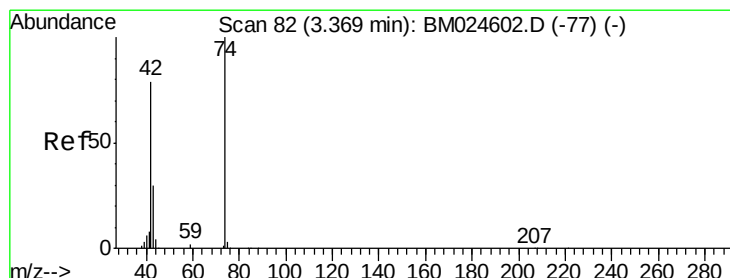
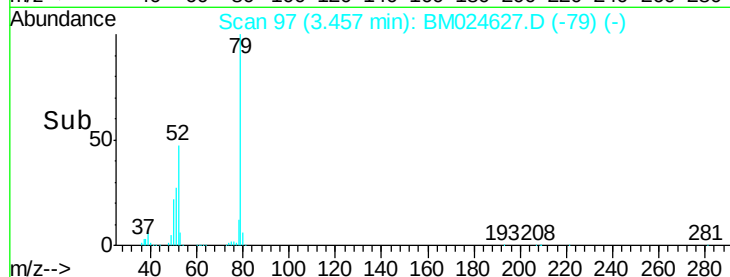
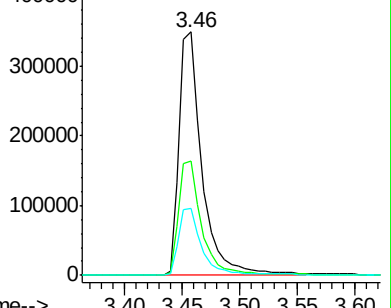
51 27.4 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM024602.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM024602.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 29.911 ng

RT: 3.37 min Scan# 82

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

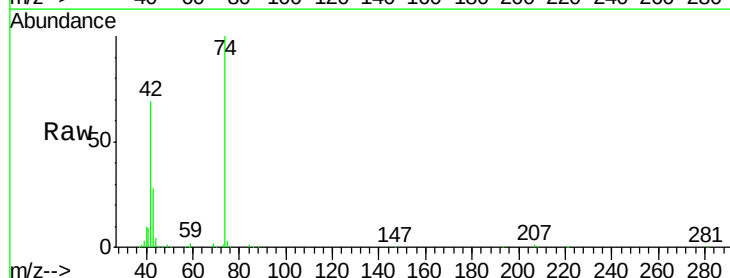
Tgt Ion: 42 Resp: 225551

Ion Ratio Lower Upper

42 100

74 144.2 101.4 152.2

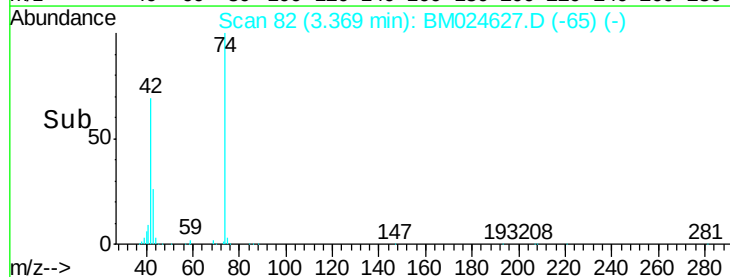
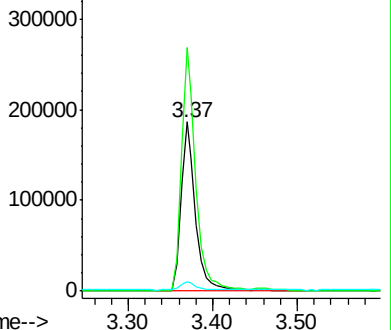
44 5.6 4.6 6.8

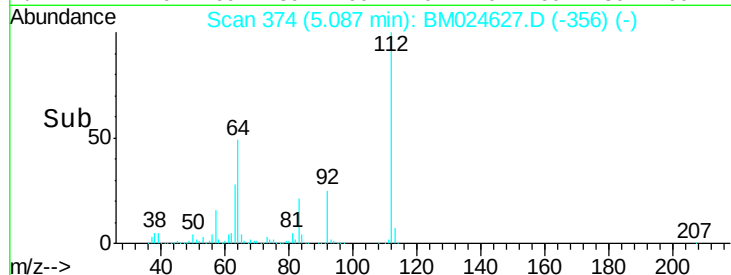
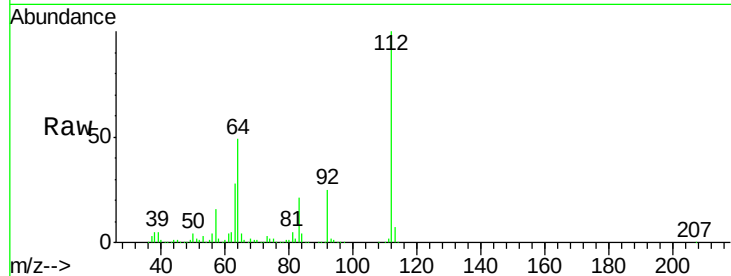
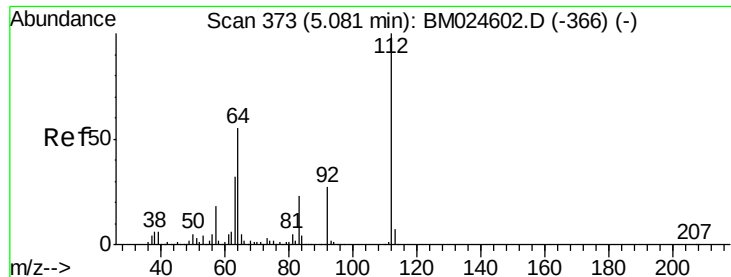


Abundance Ion 42.00 (41.70 to 42.70): BM024602.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM024602.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM024602.D (-77) (-)





#5

2-Fluorophenol

Concen: 116.998 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

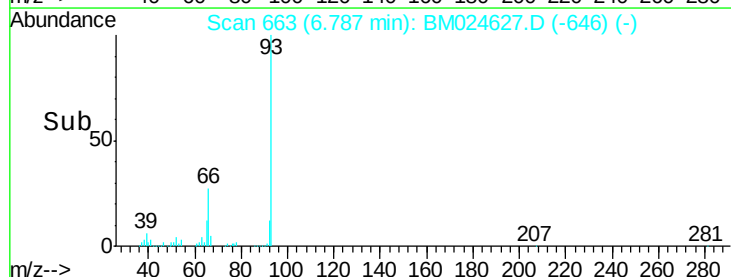
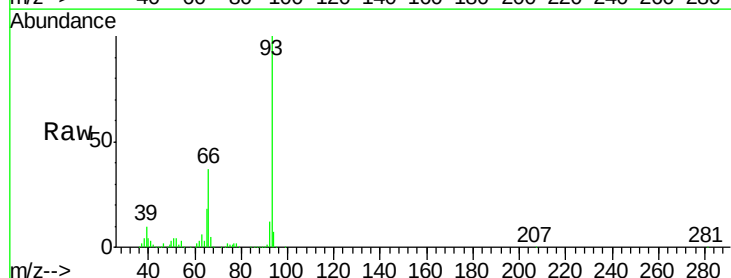
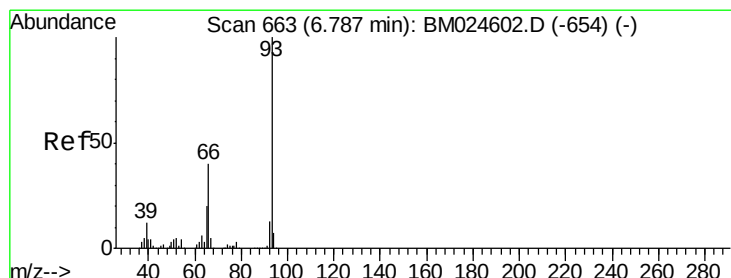
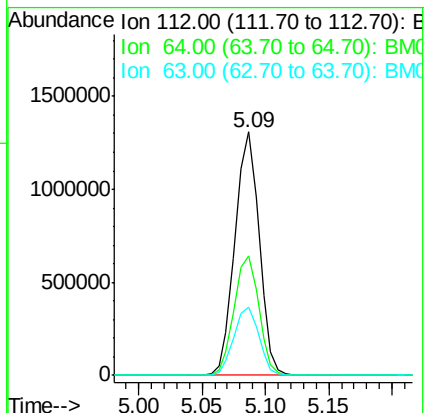
Tot Ion:112 Resp: 1733293

Ion Ratio Lower Upper

112 100

64 48.9 44.2 66.4

63 27.8 25.9 38.9



#6

Aniline

Concen: 31.183 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

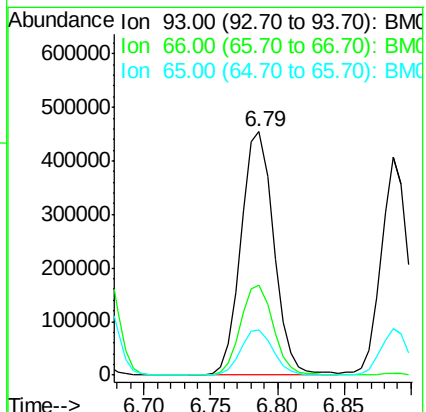
Tgt Ion: 93 Resp: 774712

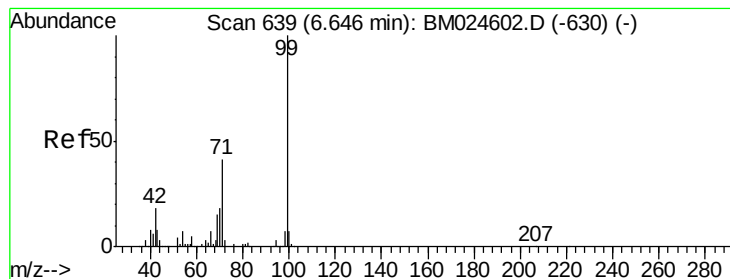
Ion Ratio Lower Upper

93 100

66 36.9 31.8 47.8

65 18.5 15.8 23.6





#7

Phenol-d6

Concen: 103.370 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

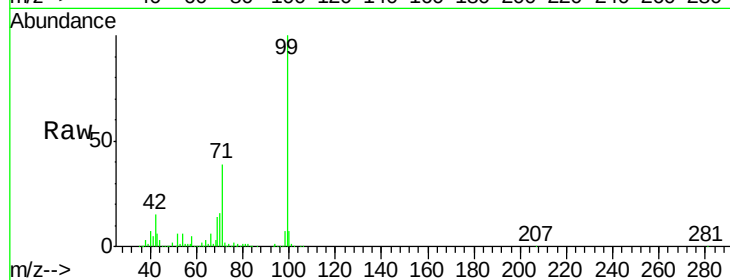
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2109618

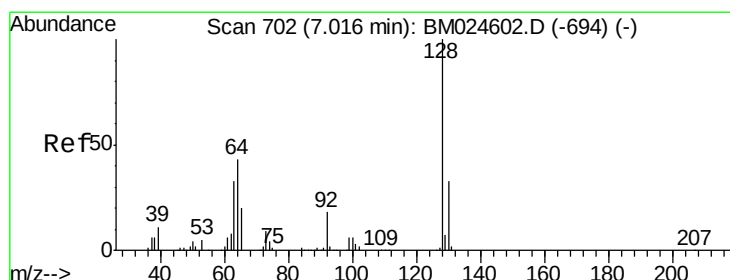
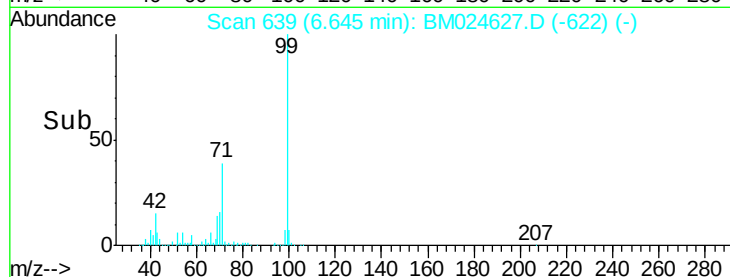
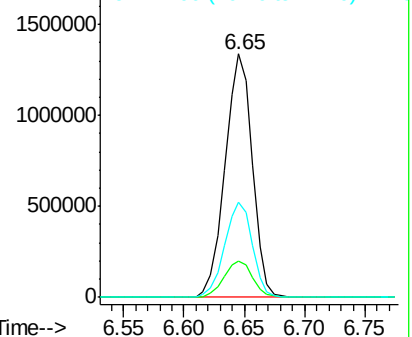
Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.1	21.1
71	39.1	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024627.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024627.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024627.D (-622) (-)



#8

2-Chlorophenol

Concen: 39.038 ng

RT: 7.02 min Scan# 703

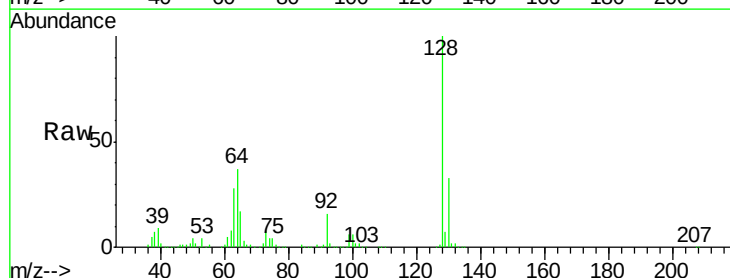
Delta R.T. 0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Tgt Ion: 128 Resp: 658370

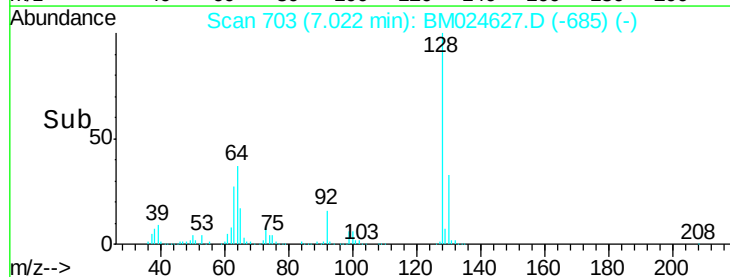
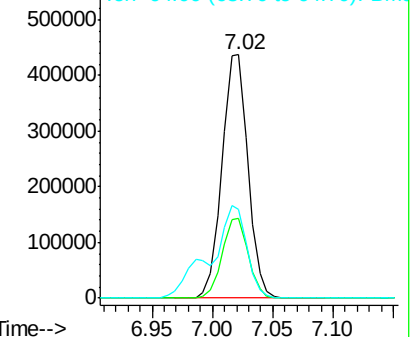
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	36.6	26.1	66.1

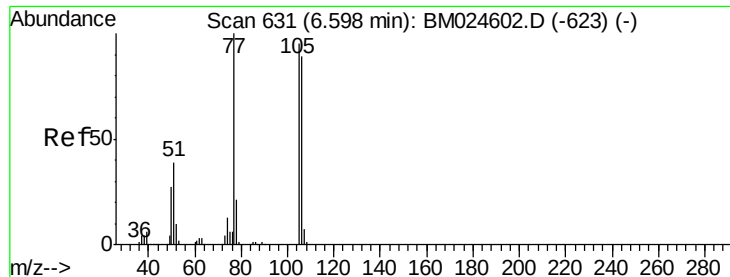


Abundance Ion 128.00 (127.70 to 128.70): BM024627.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024627.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024627.D (-685) (-)





#9

Benzaldehyde

Concen: 24.860 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

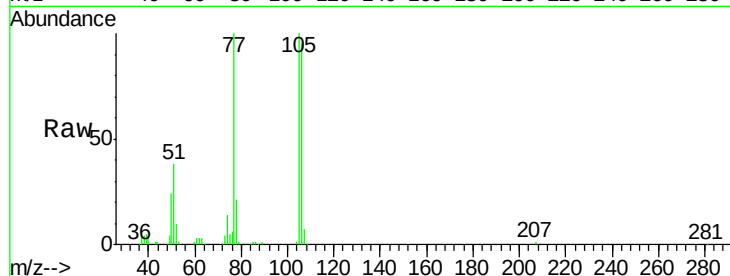
Tot Ion: 77 Resp: 299782

Ion Ratio Lower Upper

77 100

105 100.0 75.2 115.2

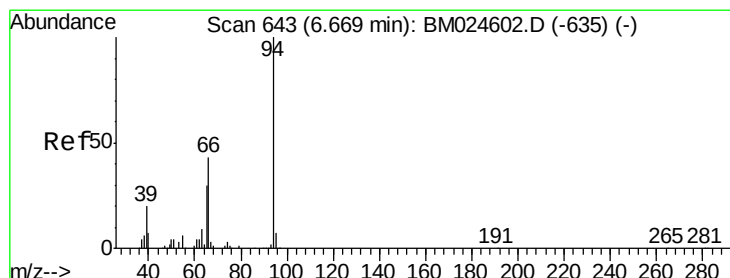
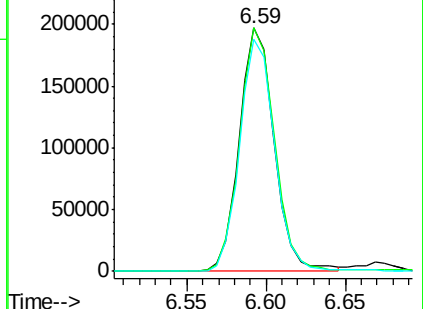
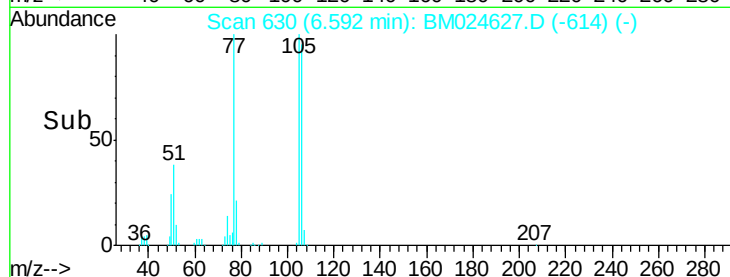
106 95.4 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BM024627.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024627.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024627.D (-614) (-)



#10

Phenol

Concen: 36.362 ng

RT: 6.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

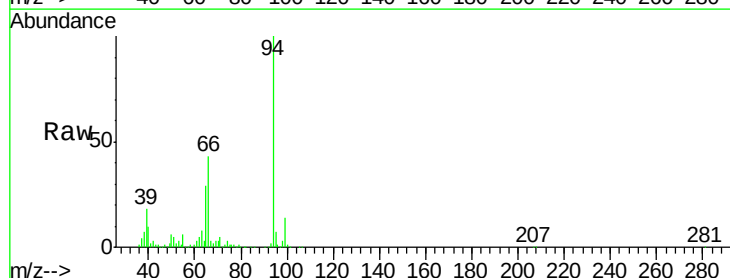
Tgt Ion: 94 Resp: 739717

Ion Ratio Lower Upper

94 100

65 29.3 10.3 50.3

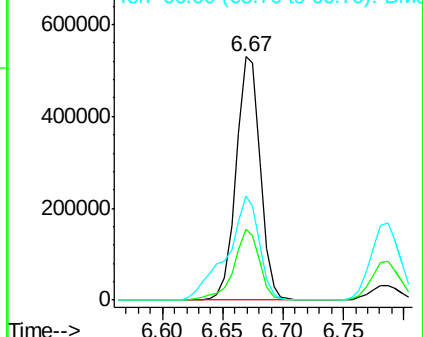
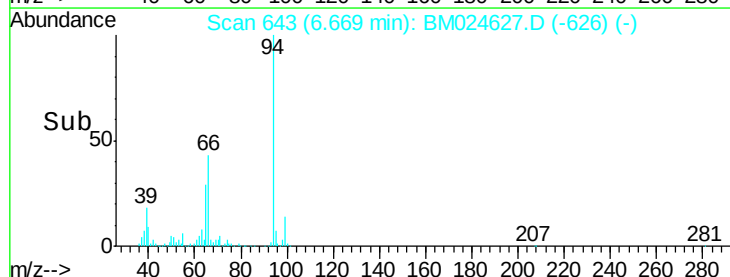
66 43.0 24.8 64.8

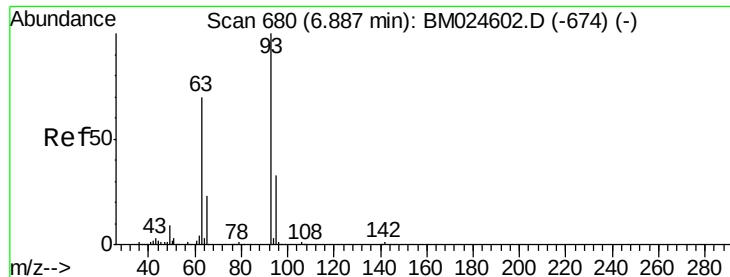


Abundance Ion 94.00 (93.70 to 94.70): BM024627.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024627.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024627.D (-626) (-)

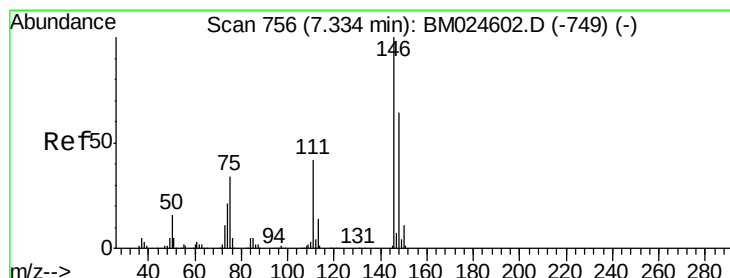
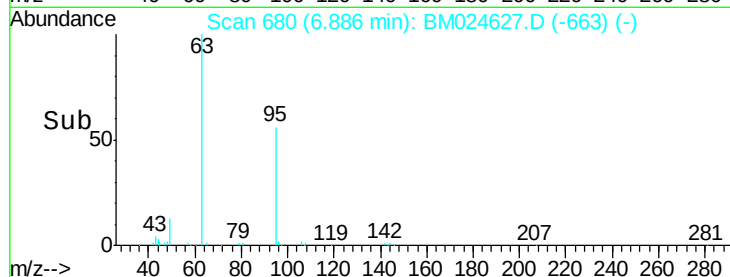
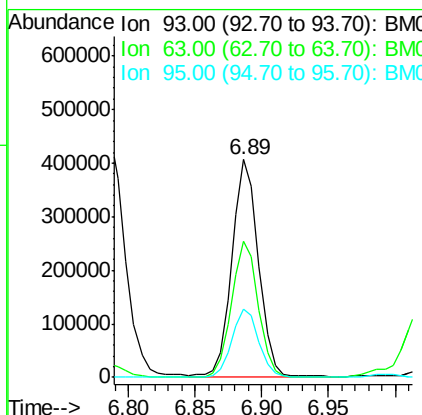
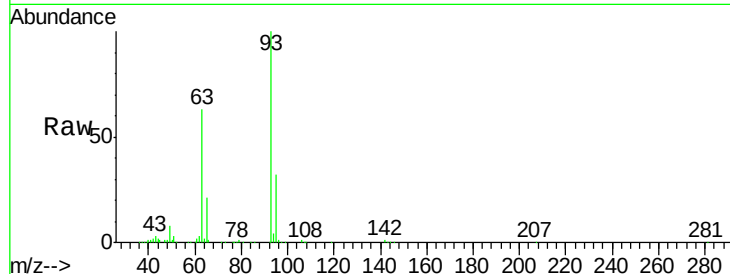




#11
bis(2-Chloroethyl)ether
Concen: 34.464 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

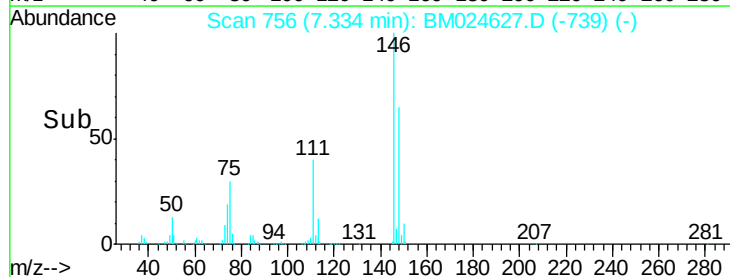
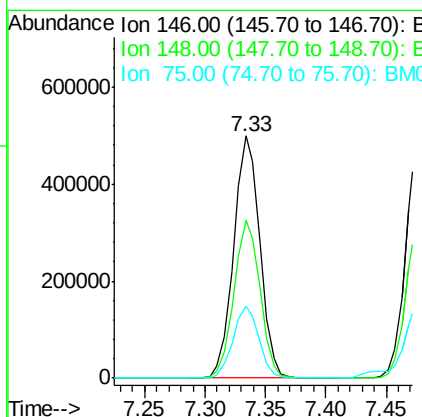
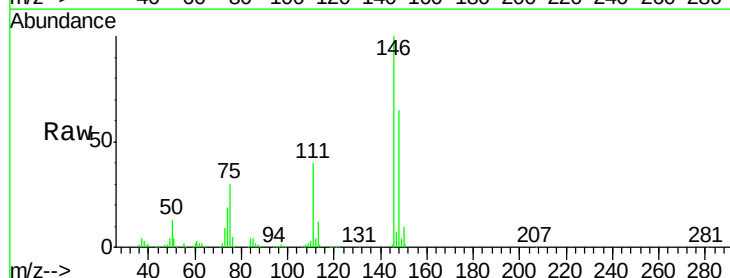
Instrument :
BNA_M
ClientSampleId :

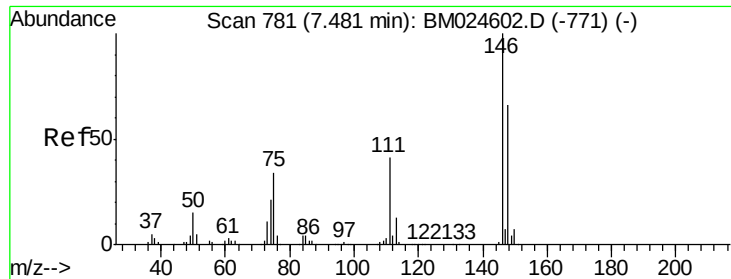
Tot Ion	Ratio	Lower	Upper
93	100		
63	62.6	49.6	89.6
95	31.6	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 36.466 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
75	29.8	27.0	40.4

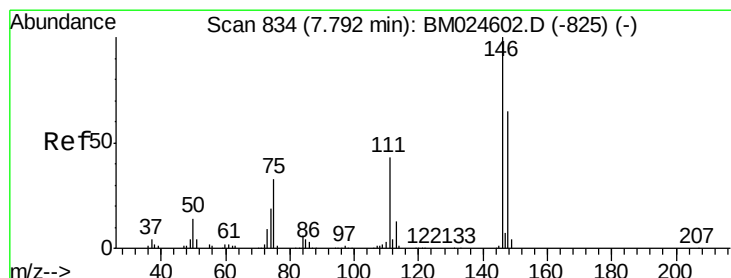
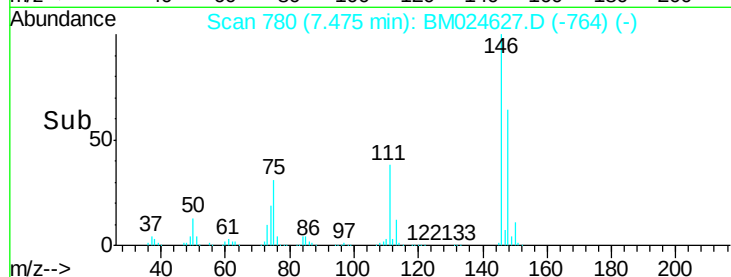
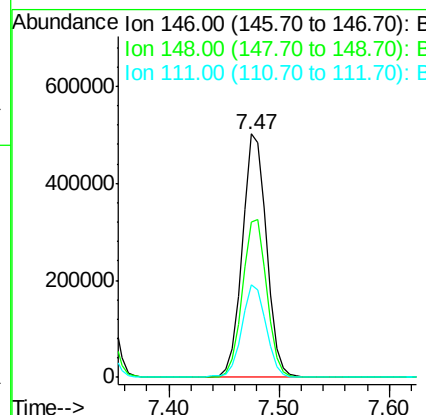
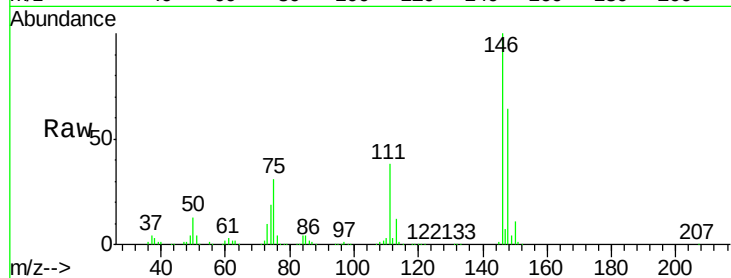




#13
 1,4-Dichlorobenzene
 Concen: 36.656 ng
 RT: 7.47 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

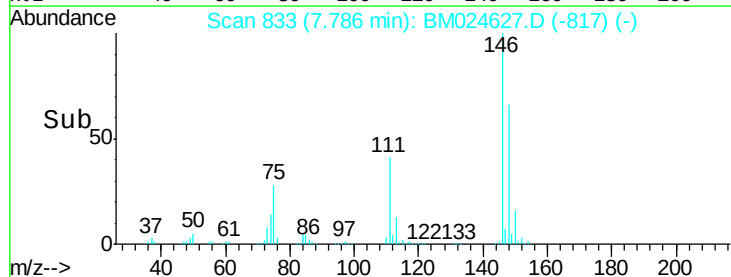
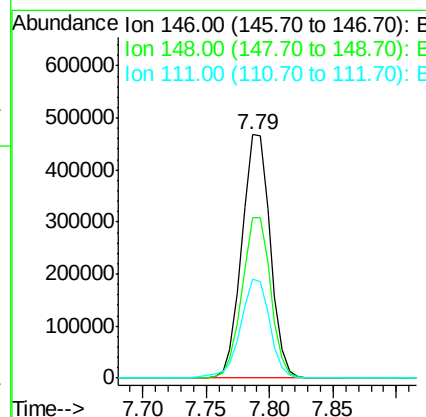
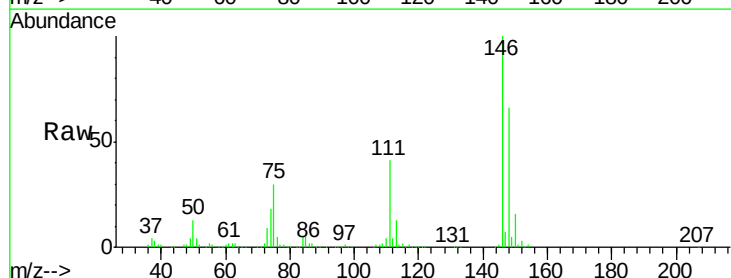
Instrument :
 BNA_M
 ClientSampleId :

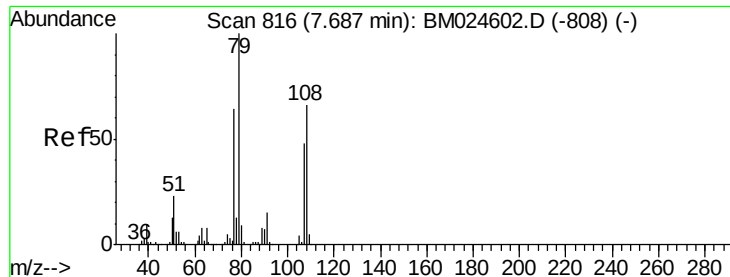
Tot Ion:146 Resp: 770457
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.5 78.7
 111 38.1 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 35.773 ng
 RT: 7.79 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion:146 Resp: 725777
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.9 77.9
 111 40.8 34.5 51.7





#15

Benzyl Alcohol

Concen: 32.163 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

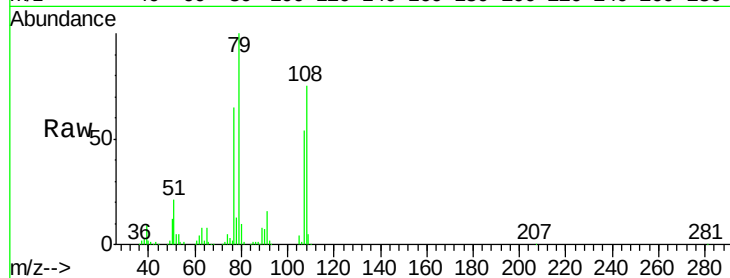
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 541187

Ion	Ratio	Lower	Upper
79	100		
108	74.7	53.0	79.4
77	65.3	50.8	76.2

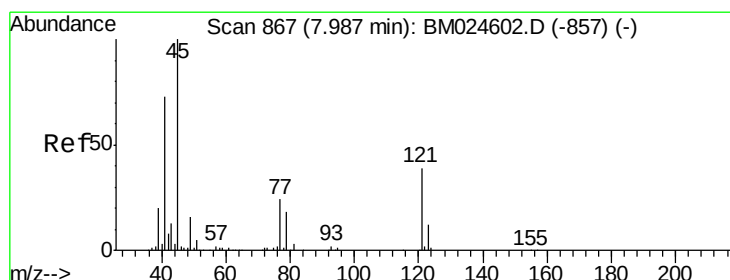
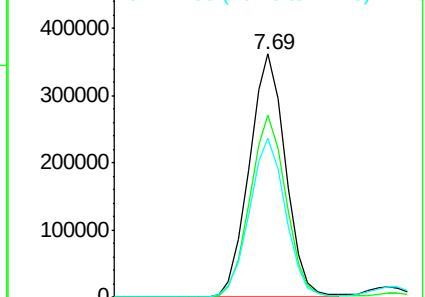
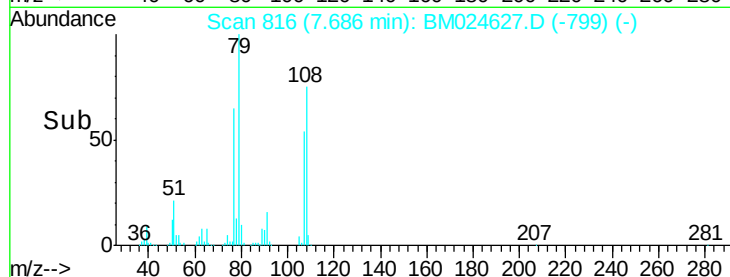


Abundance

Ion 79.00 (78.70 to 79.70): BM024627.D (-799) (-)

Ion 108.00 (107.70 to 108.70): BM024627.D (-799) (-)

Ion 77.00 (76.70 to 77.70): BM024627.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.242 ng

RT: 7.98 min Scan# 866

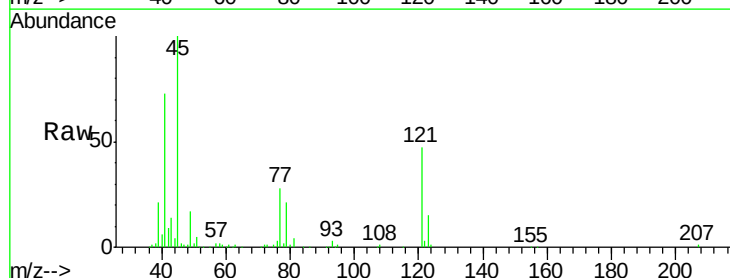
Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Tgt Ion: 45 Resp: 406149

Ion	Ratio	Lower	Upper
45	100		
77	27.5	5.2	45.2
79	20.6	0.0	39.4

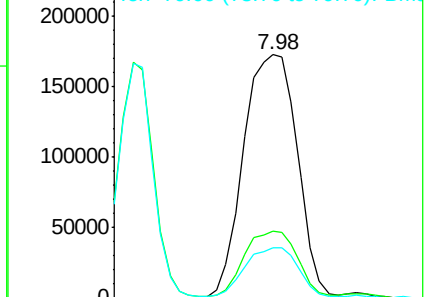
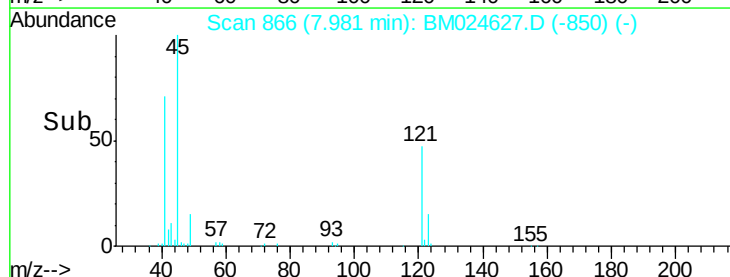


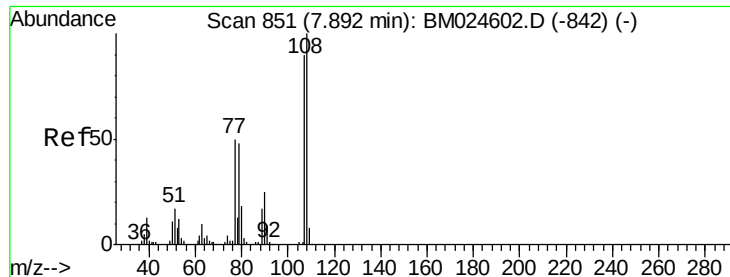
Abundance

Ion 45.00 (44.70 to 45.70): BM024627.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM024627.D (-850) (-)

Ion 79.00 (78.70 to 79.70): BM024627.D (-850) (-)





#17

2-Methylphenol

Concen: 36.305 ng

RT: 7.89 min Scan# 851

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 520470

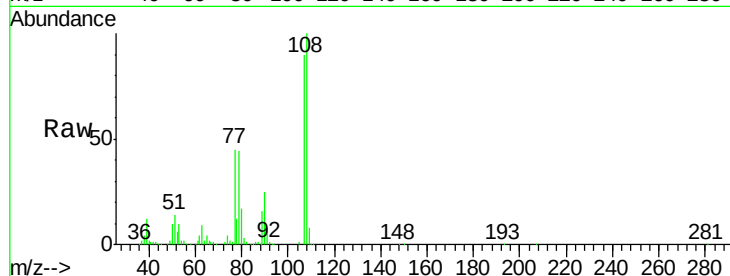
Ion Ratio Lower Upper

107 100

108 111.5 88.9 133.3

77 49.8 44.5 66.7

79 49.5 42.9 64.3

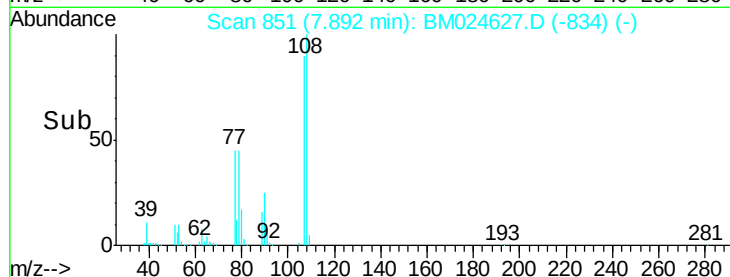


Abundance Ion 107.00 (106.70 to 107.70): E

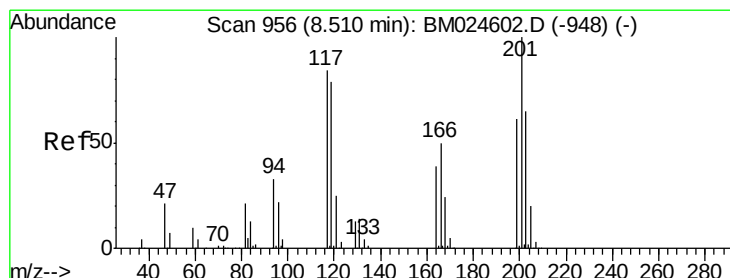
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->



#18

Hexachloroethane

Concen: 33.751 ng

RT: 8.50 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

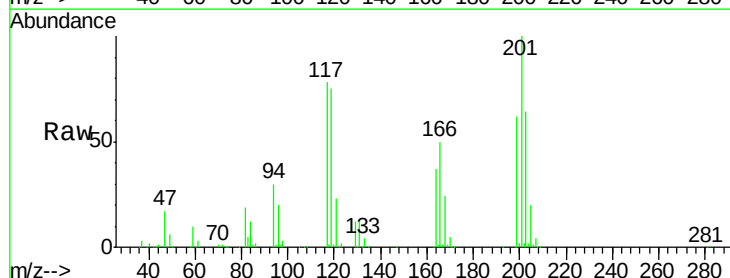
Tgt Ion:117 Resp: 273934

Ion Ratio Lower Upper

117 100

119 95.0 75.4 113.2

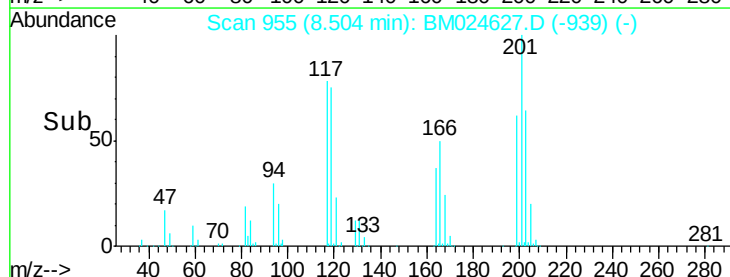
201 127.5 95.8 143.6



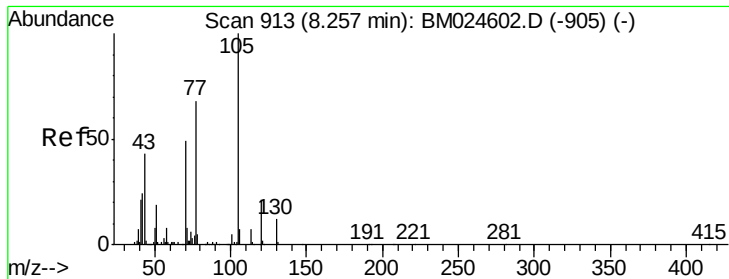
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



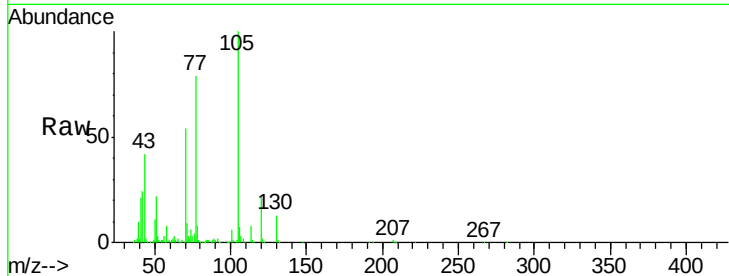
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 28.550 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	437468
Ion	Ratio	Lower	Upper
70	100		
42	44.0	40.0	60.0
101	10.3	8.2	12.2
130	23.4	18.6	27.8



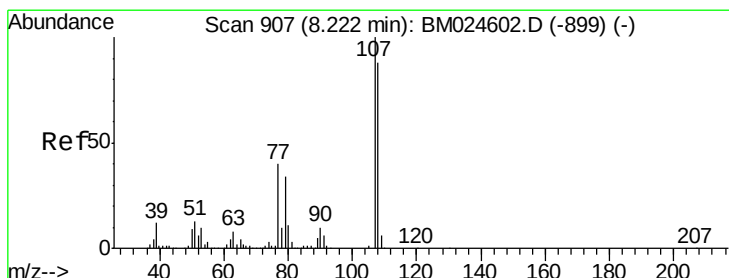
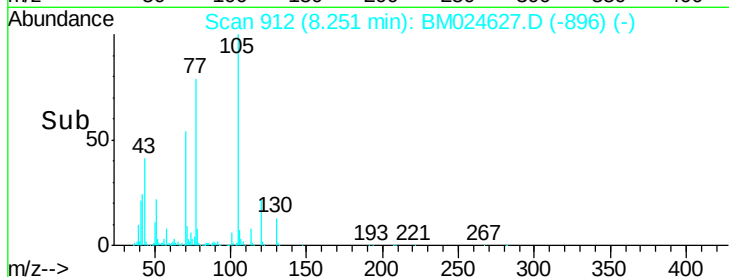
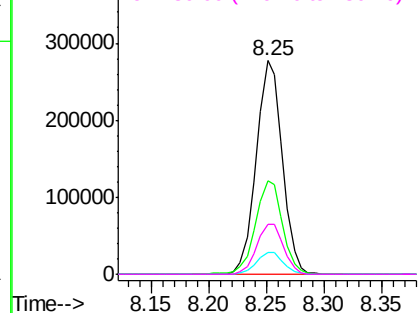
Abundance

Ion 70.00 (69.70 to 70.70): BM024627.D (-895) (-)

Ion 42.00 (41.70 to 42.70): BM024627.D (-895) (-)

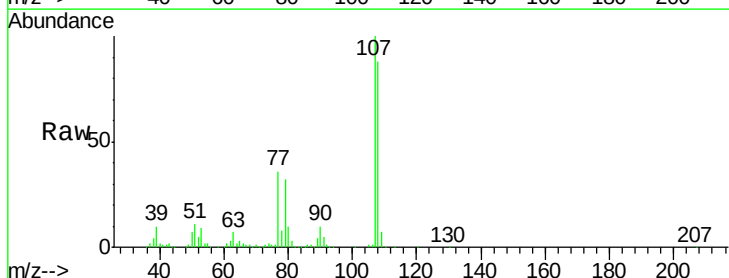
Ion 101.00 (100.70 to 101.70): BM024627.D (-895) (-)

Ion 130.00 (129.70 to 130.70): BM024627.D (-895) (-)



#20
3+4-Methylphenols
Concen: 35.356 ng
RT: 8.22 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion:	107	Resp:	701626
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.0	108.0
77	36.3	19.9	59.9
79	31.6	13.7	53.7



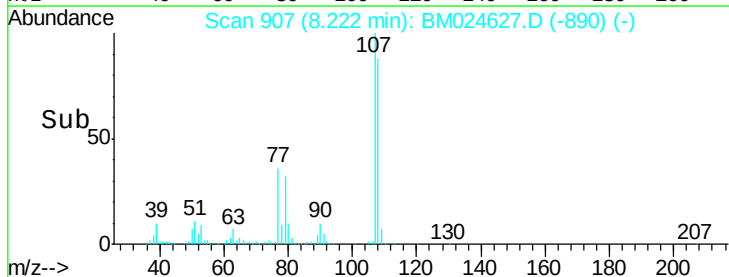
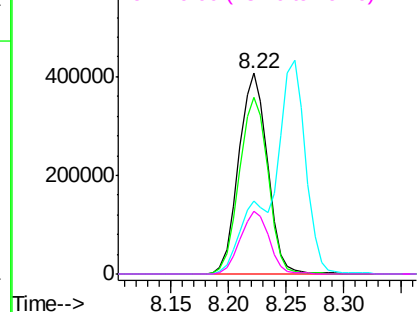
Abundance

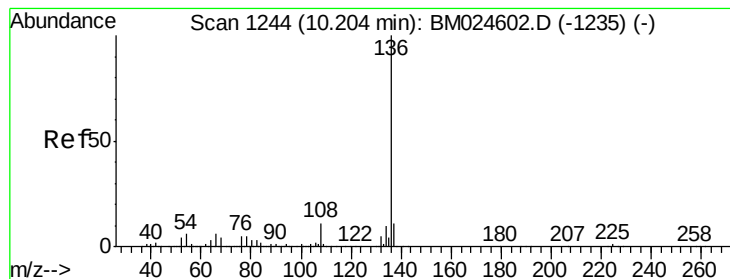
Ion 107.00 (106.70 to 107.70): BM024627.D (-890) (-)

Ion 108.00 (107.70 to 108.70): BM024627.D (-890) (-)

Ion 77.00 (76.70 to 77.70): BM024627.D (-890) (-)

Ion 79.00 (78.70 to 79.70): BM024627.D (-890) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

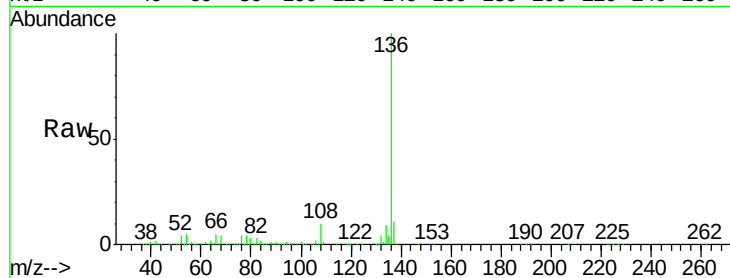
Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1042003

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	4.7	4.5	6.7
68	3.6	3.4	5.0

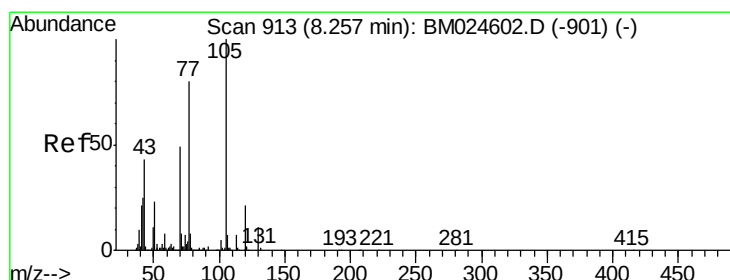
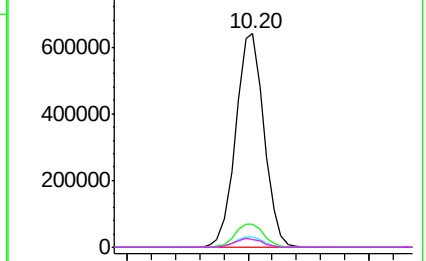
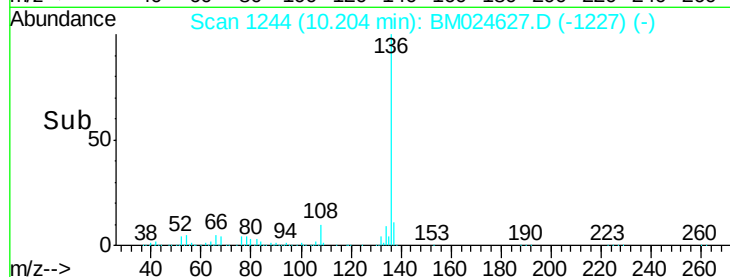


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.195 ng

RT: 8.26 min Scan# 913

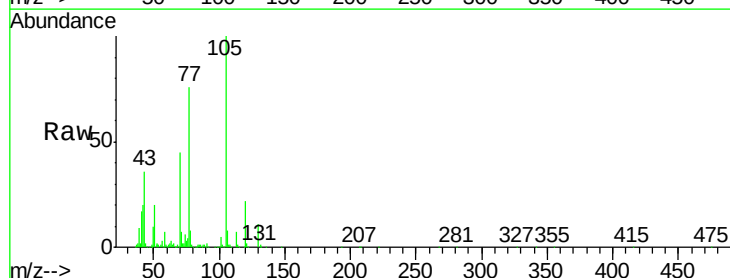
Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Tgt Ion:105 Resp: 891899

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.7	10.1
51	20.3	18.5	27.7
120	22.1	16.6	25.0

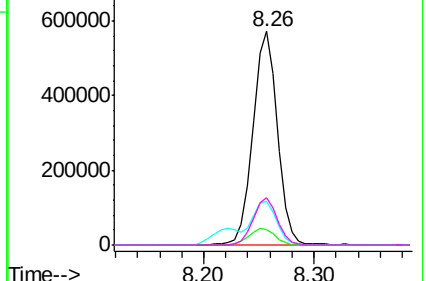
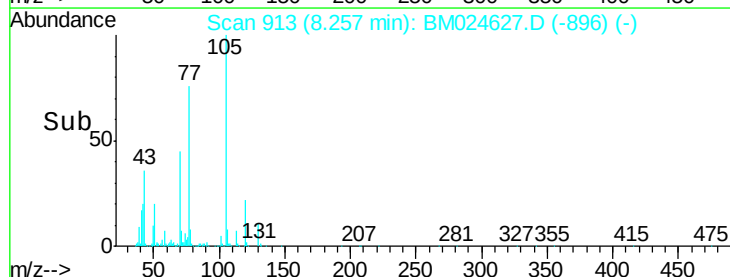


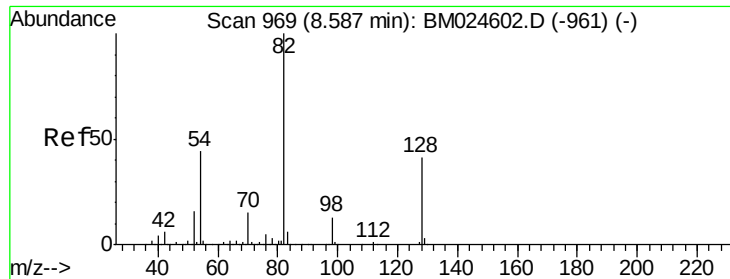
Abundance Ion 105.00 (104.70 to 105.70): E

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

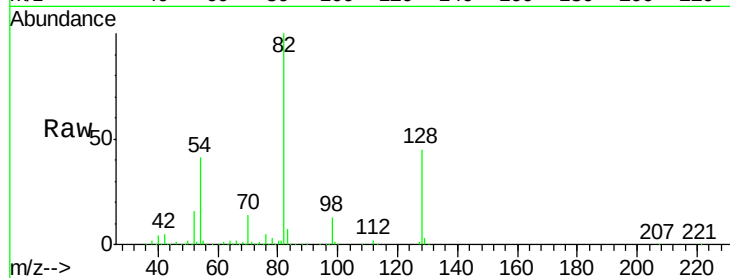




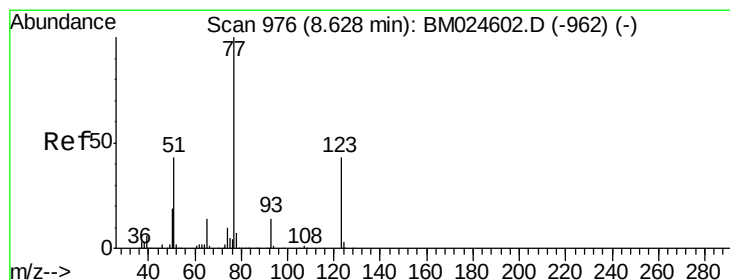
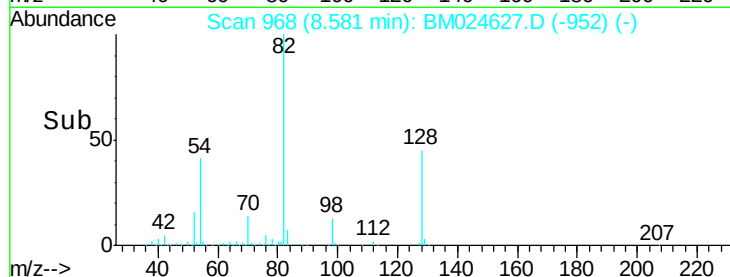
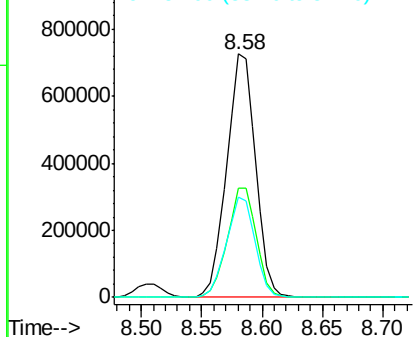
#23
 Nitrobenzene-d5
 Concen: 56.699 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1204695
 Ion Ratio Lower Upper
 82 100
 128 44.9 32.6 48.8
 54 40.9 34.8 52.2

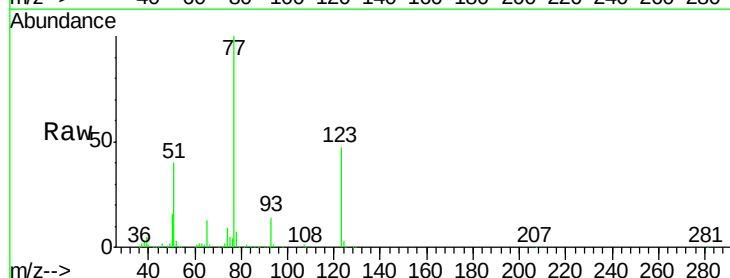


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BM0

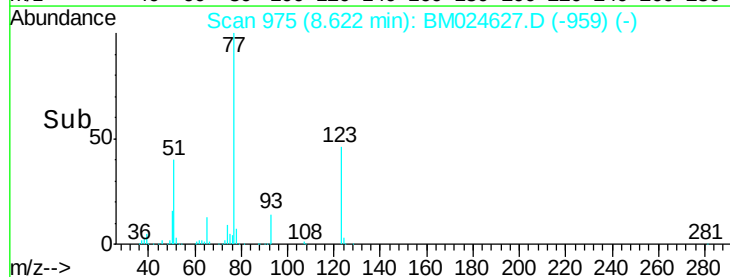
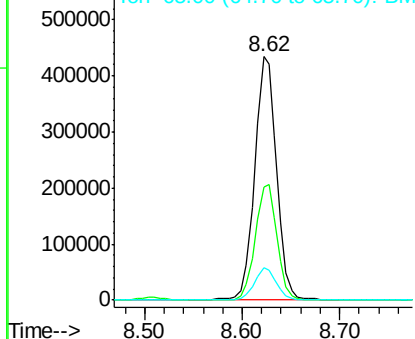


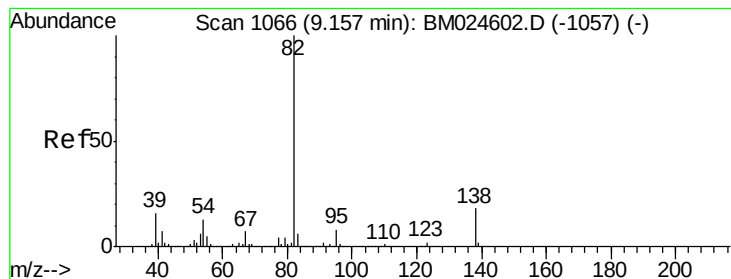
#24
 Nitrobenzene
 Concen: 33.628 ng
 RT: 8.62 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion: 77 Resp: 684702
 Ion Ratio Lower Upper
 77 100
 123 46.6 34.6 52.0
 65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 33.018 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampled :

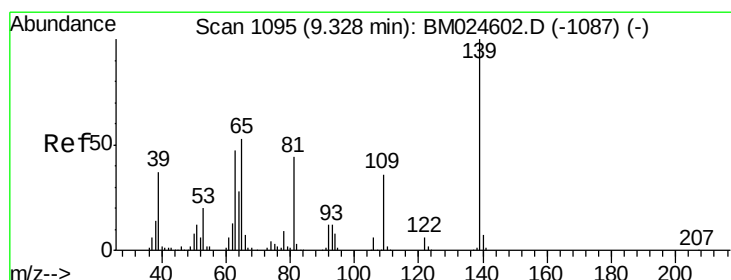
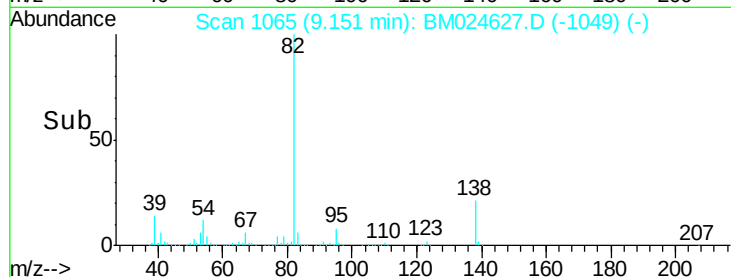
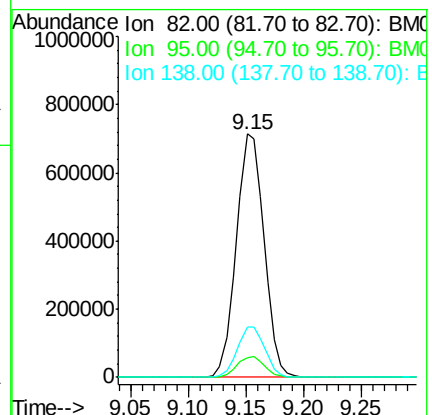
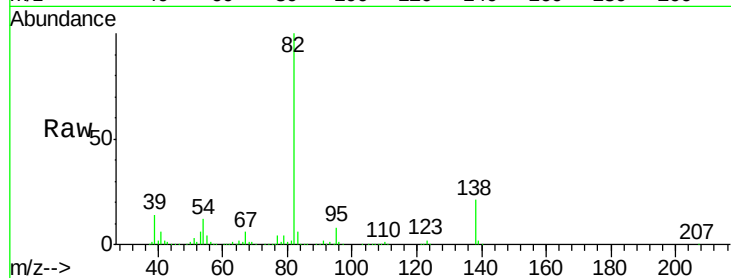
Tot Ion: 82 Resp: 1192043

Ion Ratio Lower Upper

82 100

95 8.1 6.7 10.1

138 20.6 14.7 22.1



#26

2-Nitrophenol

Concen: 39.155 ng

RT: 9.33 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

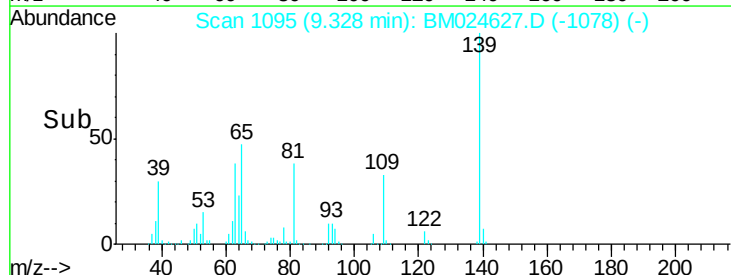
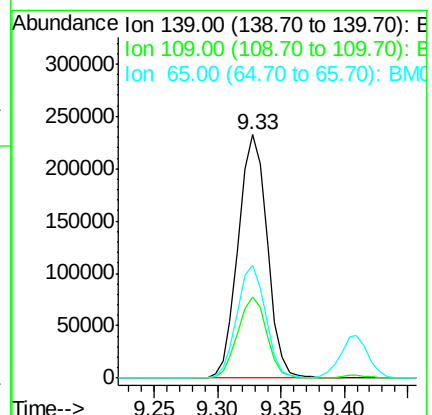
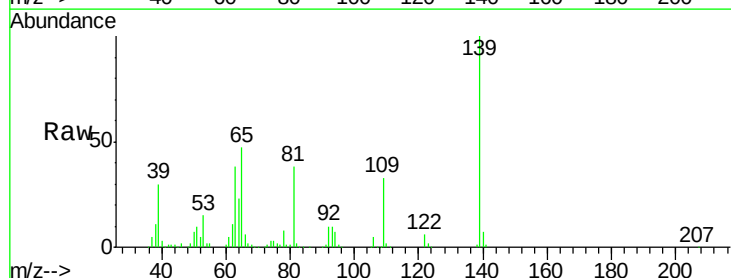
Tgt Ion: 139 Resp: 369161

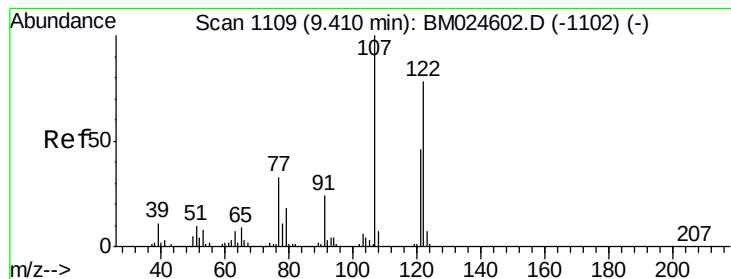
Ion Ratio Lower Upper

139 100

109 33.5 28.8 43.2

65 46.7 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 46.291 ng

RT: 9.41 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

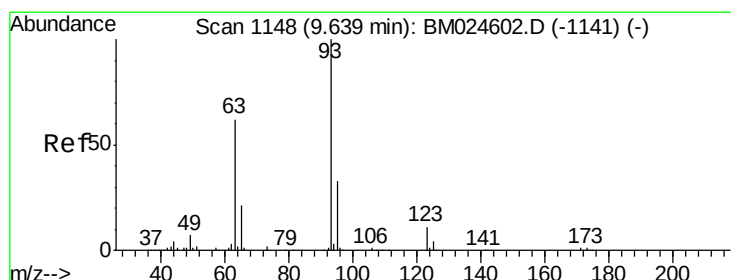
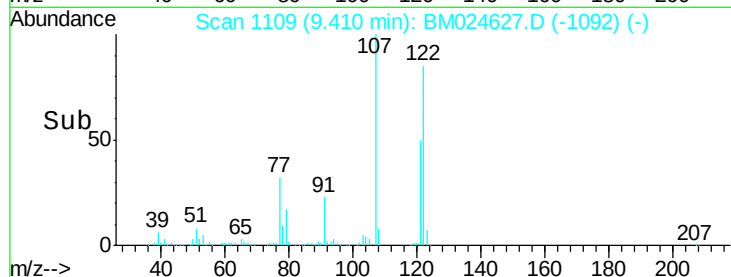
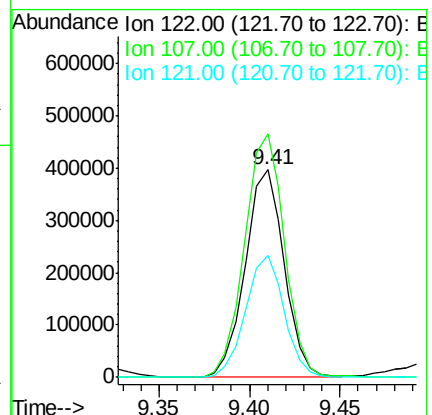
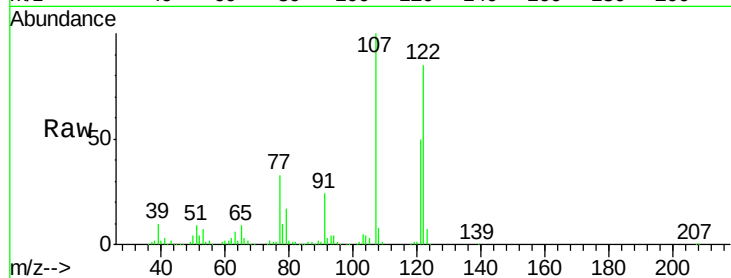
Tot Ion:122 Resp: 593081

Ion Ratio Lower Upper

122 100

107 117.5 102.5 153.7

121 59.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 33.823 ng

RT: 9.64 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

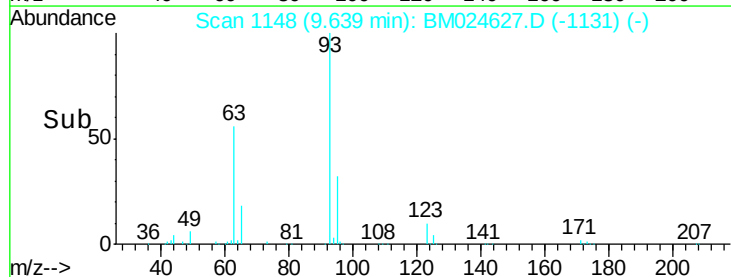
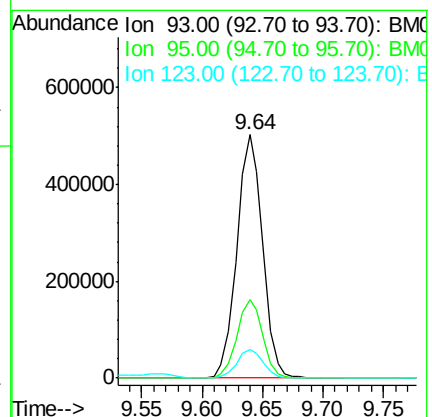
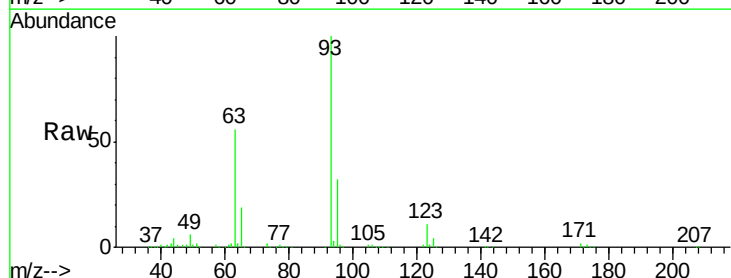
Tgt Ion: 93 Resp: 745939

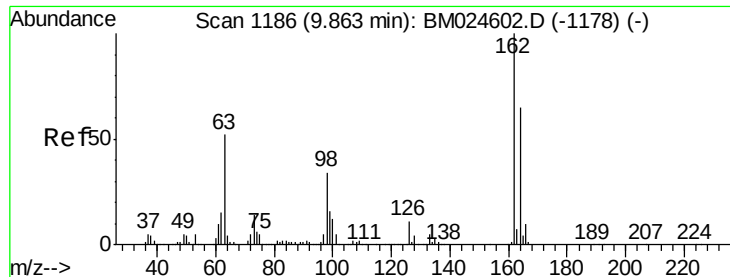
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.5 8.7 13.1

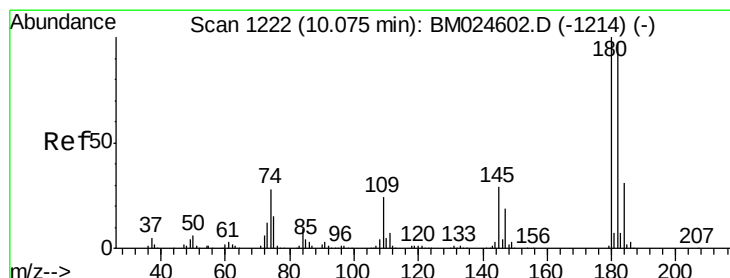
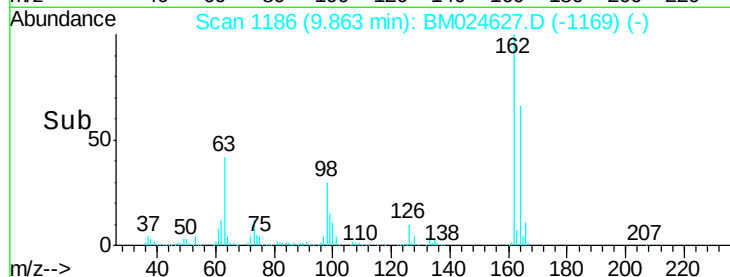
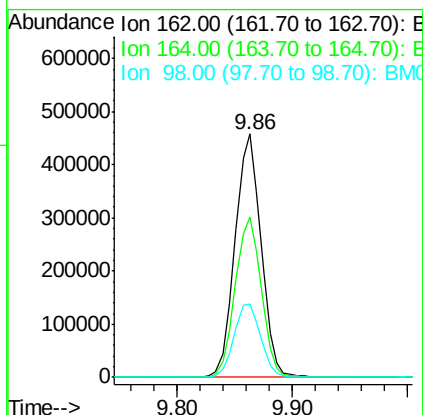
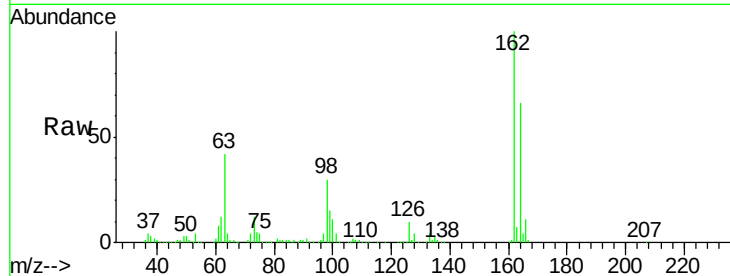




#29
 2,4-Dichlorophenol
 Concen: 41.348 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

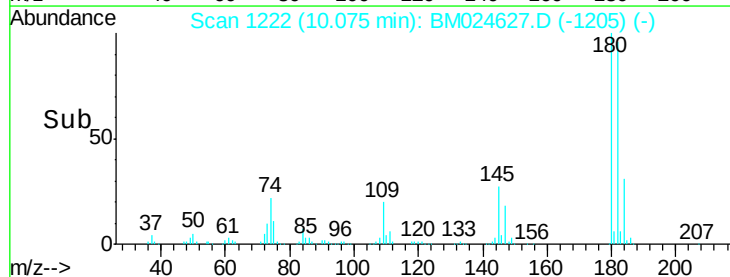
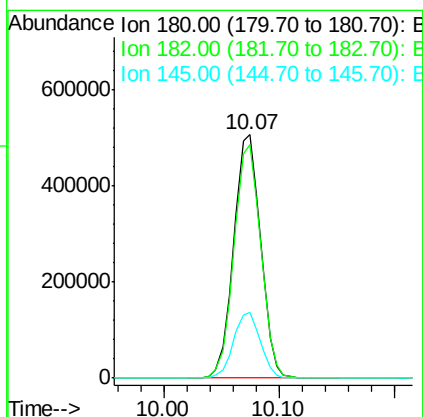
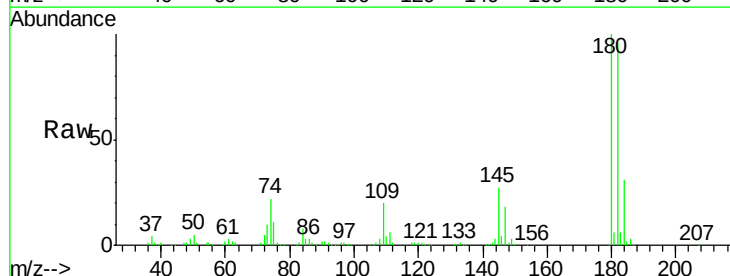
Instrument :
 BNA_M
 ClientSampleId :

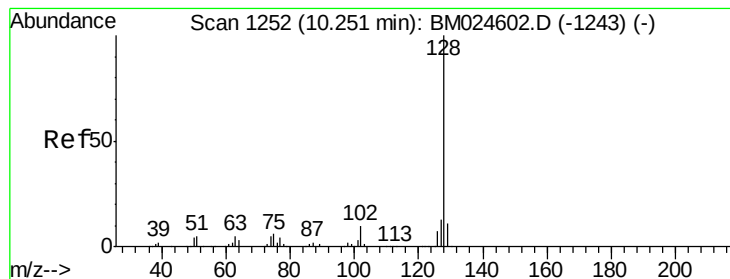
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.5	84.5
98	30.0	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.181 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.8	116.6
145	27.0	22.9	34.3





#31

Naphthalene

Concen: 37.362 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

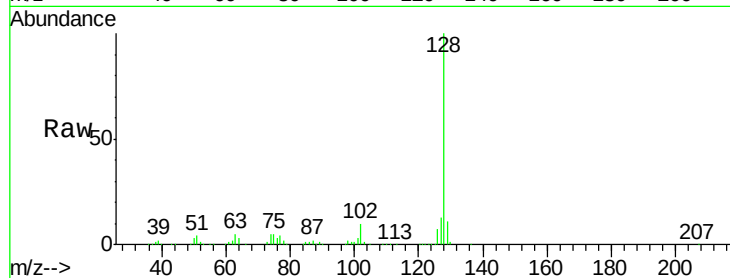
Tot Ion:128 Resp: 1966338

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

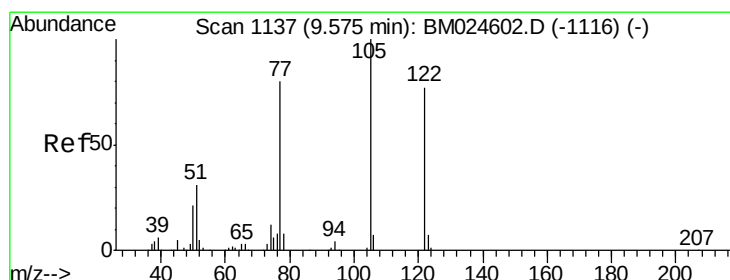
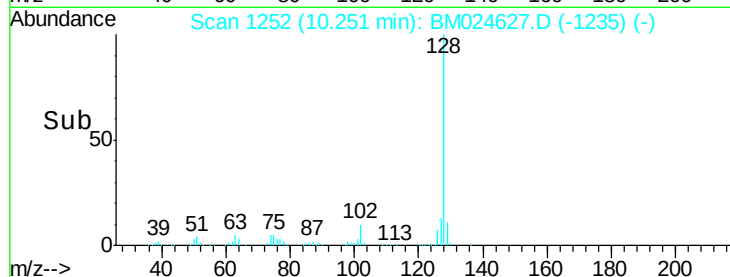
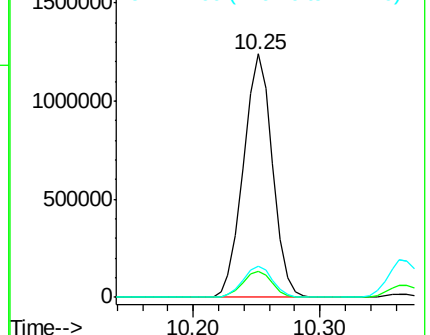
127 13.0 10.6 15.8



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: 30.287 ng

RT: 9.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

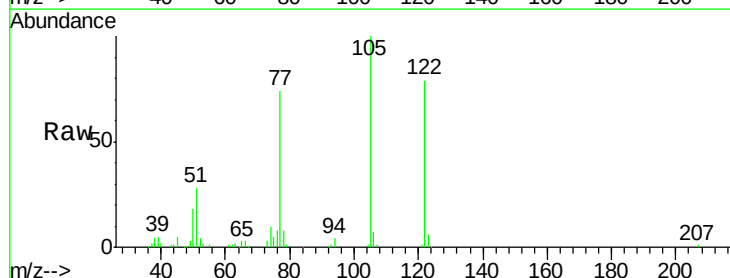
Tgt Ion:122 Resp: 354966

Ion Ratio Lower Upper

122 100

105 126.0 107.7 147.7

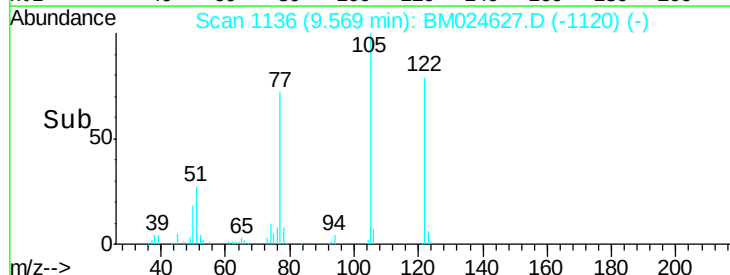
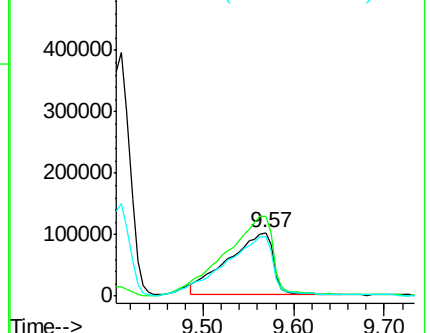
77 92.9 83.8 123.8

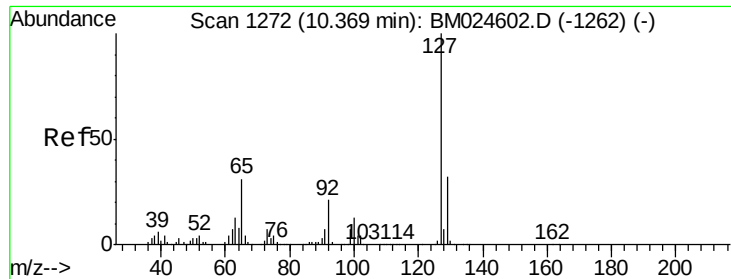


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

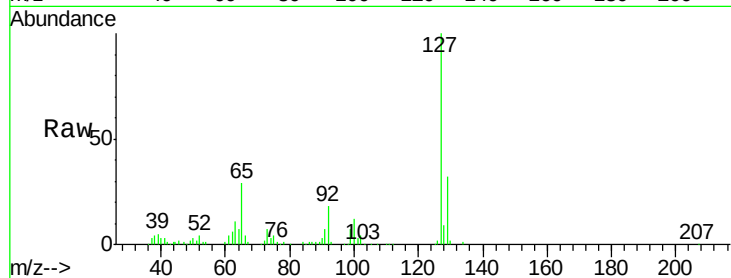




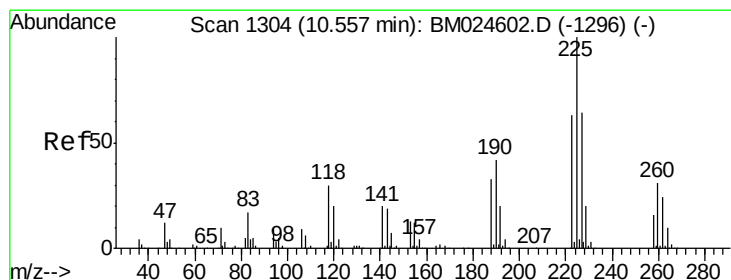
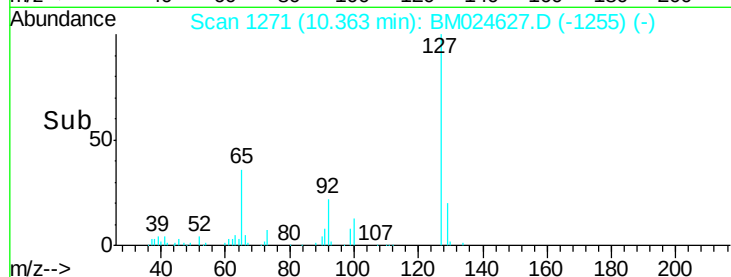
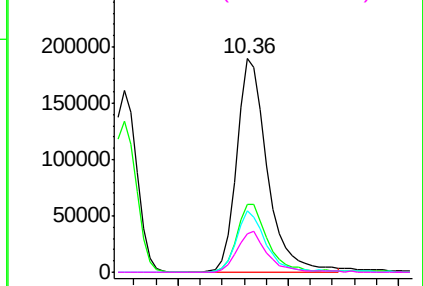
#33
4-Chloroaniline
Concen: 15.956 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	368089
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	28.7	25.1	37.7
92	17.9	16.6	25.0

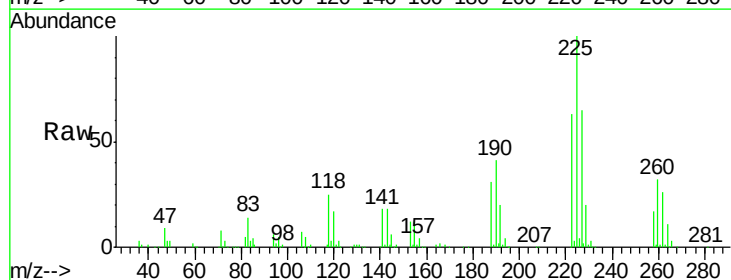


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

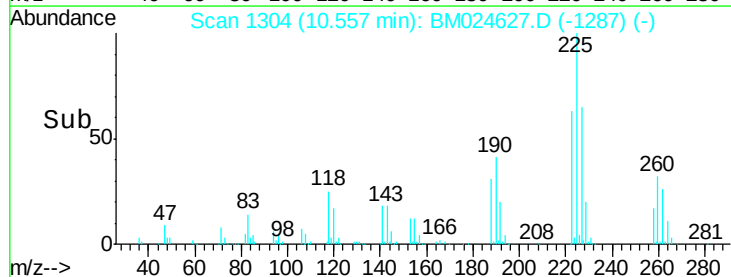
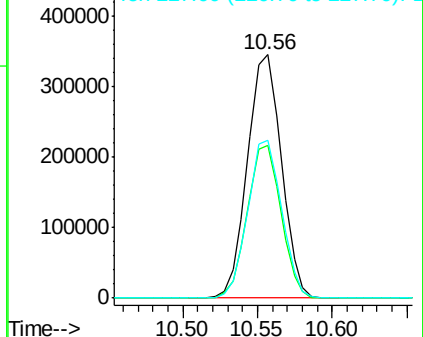


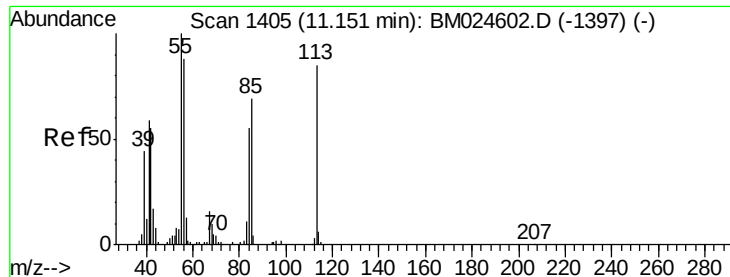
#34
Hexachlorobutadiene
Concen: 37.751 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion:	225	Resp:	544791
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.9	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

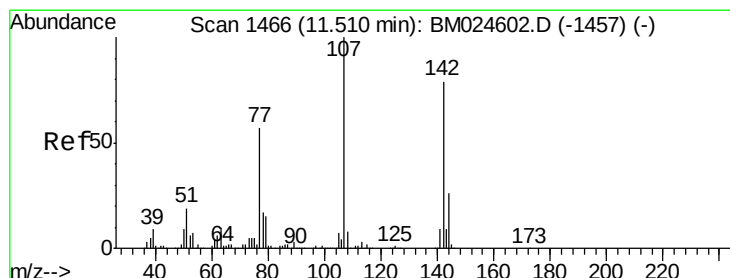
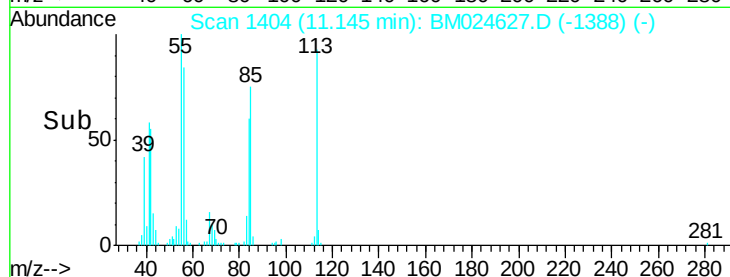
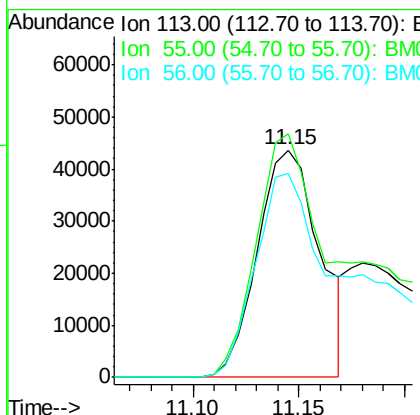
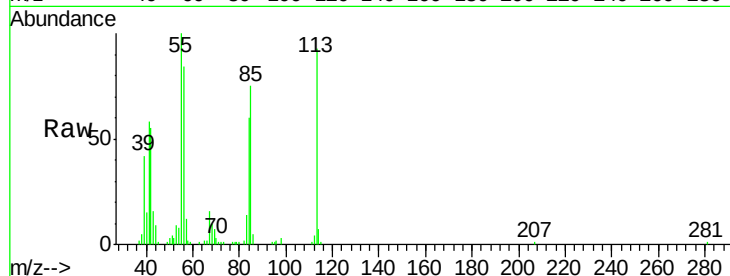




#35
 Caprolactam
 Concen: 16.105 ng
 RT: 11.15 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

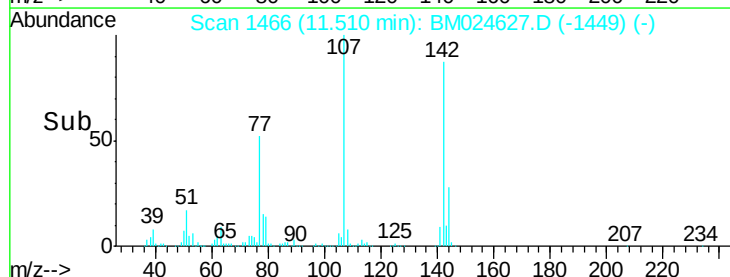
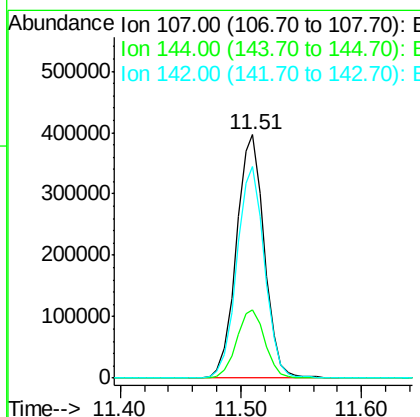
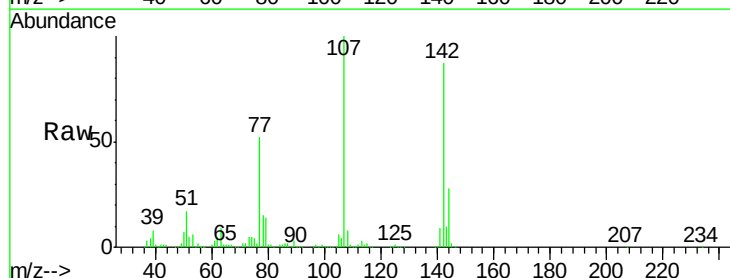
Instrument :
 BNA_M
 ClientSampleId :

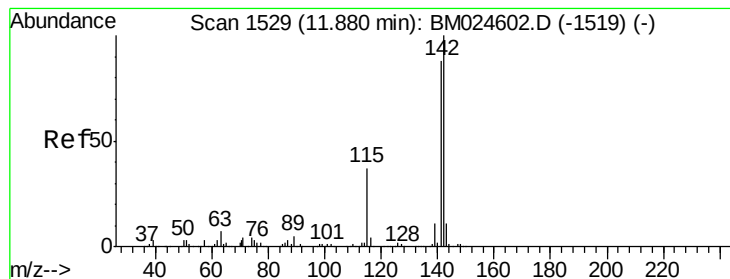
Tot Ion:113 Resp: 89436
 Ion Ratio Lower Upper
 113 100
 55 107.0 97.5 137.5
 56 89.6 83.4 123.4



#36
 4-Chloro-3-methylphenol
 Concen: 34.646 ng
 RT: 11.51 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion:107 Resp: 637681
 Ion Ratio Lower Upper
 107 100
 144 28.2 20.5 30.7
 142 86.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 37.540 ng

RT: 11.87 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

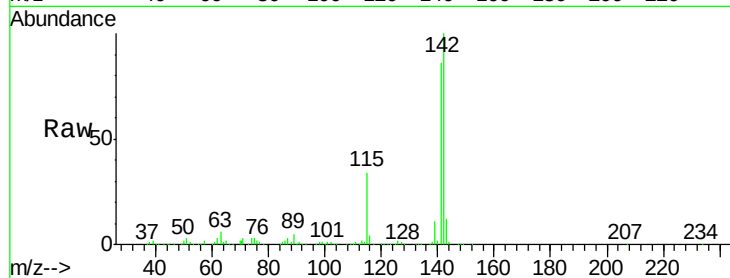
Tot Ion:142 Resp: 1524670

Ion Ratio Lower Upper

142 100

141 85.7 70.2 105.2

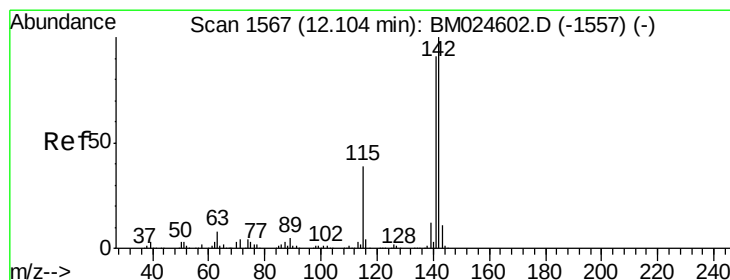
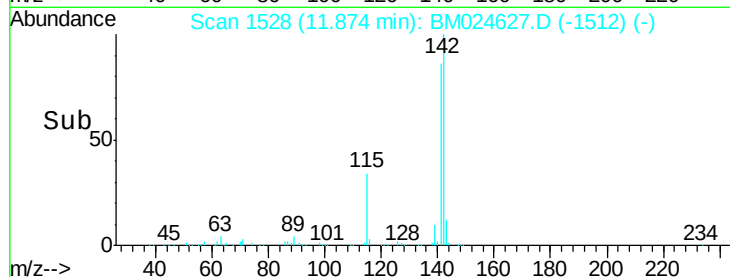
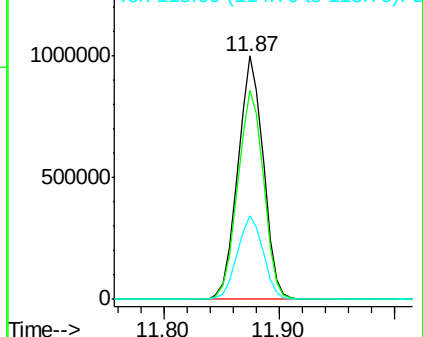
115 34.2 29.7 44.5



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: 37.446 ng

RT: 12.10 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

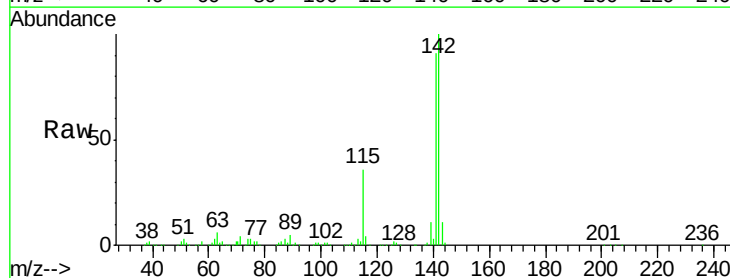
Tgt Ion:142 Resp: 1446700

Ion Ratio Lower Upper

142 100

141 90.6 72.8 109.2

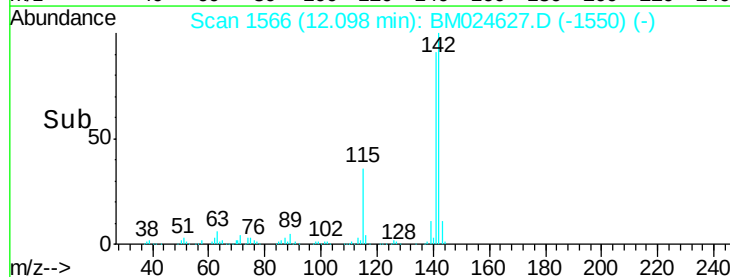
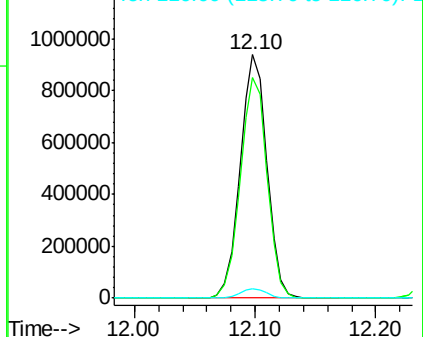
116 3.7 3.2 4.8

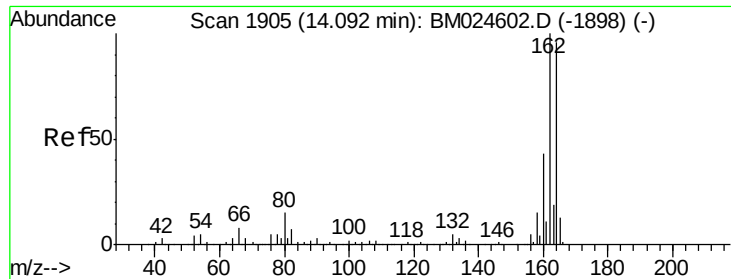


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.09 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

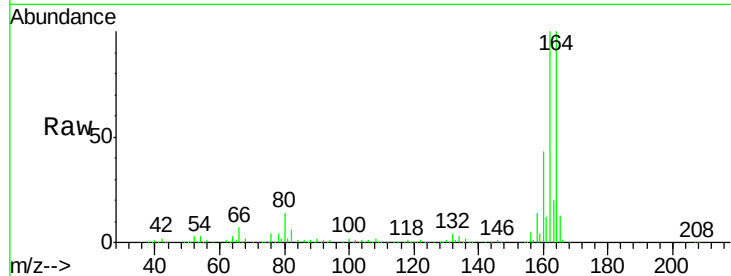
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 711322

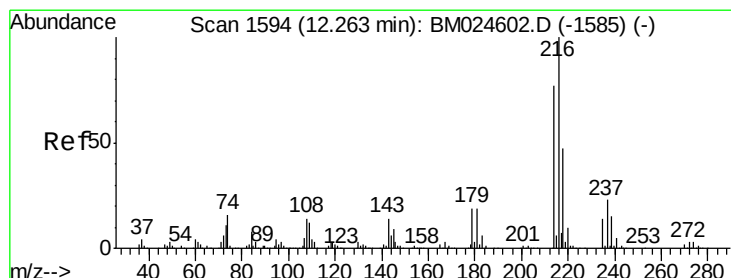
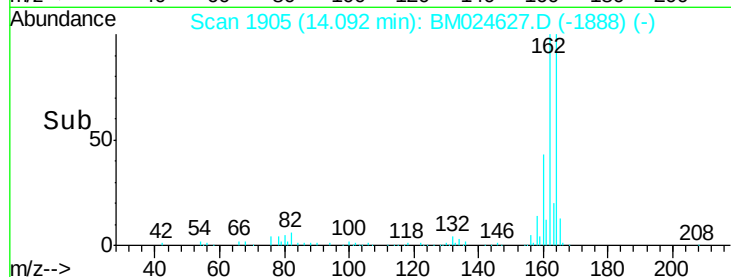
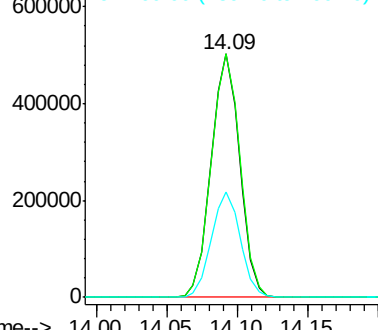
Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.9	124.3
160	43.5	35.5	53.3



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: 37.491 ng

RT: 12.26 min Scan# 1594

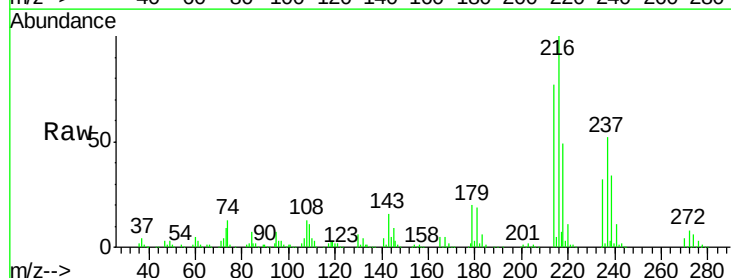
Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Tgt Ion:216 Resp: 951800

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	20.0	16.1	24.1
108	16.5	13.0	19.6

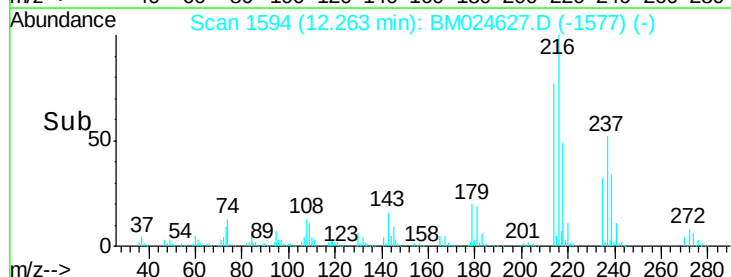
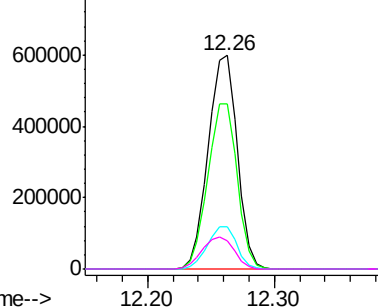


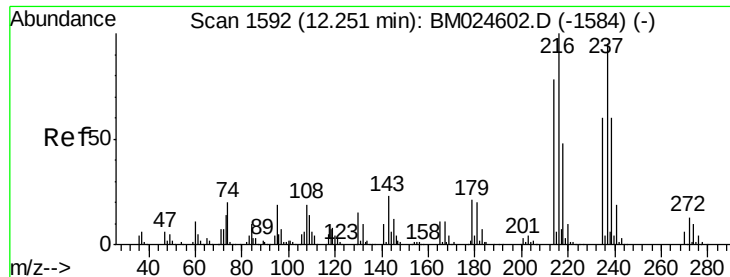
Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.107 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

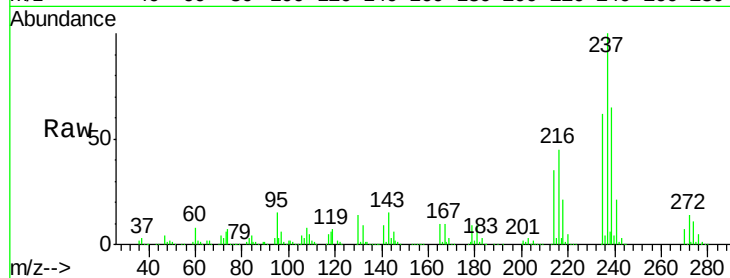
Tot Ion:237 Resp: 1481429

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

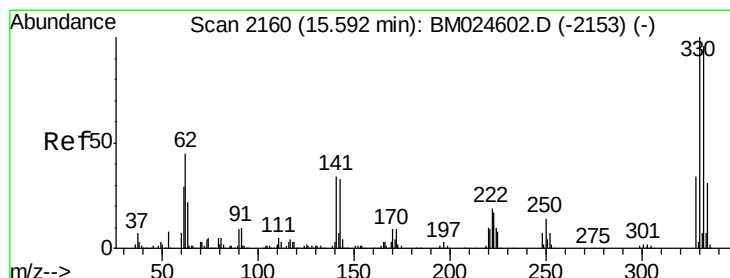
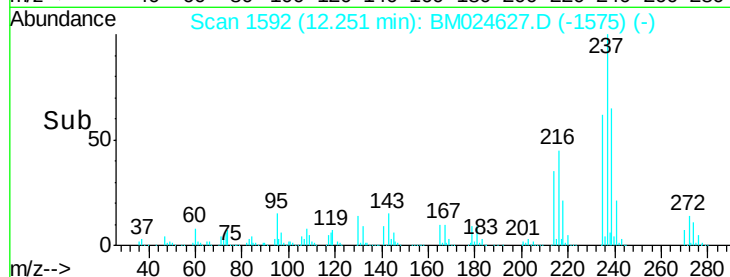
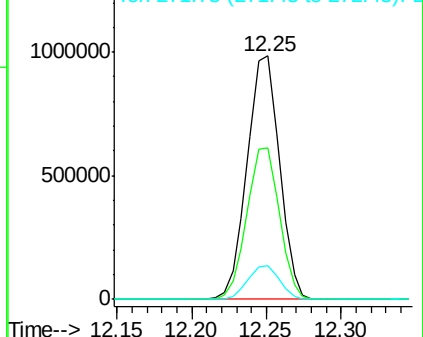
272 13.8 0.0 33.4



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: 107.187 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

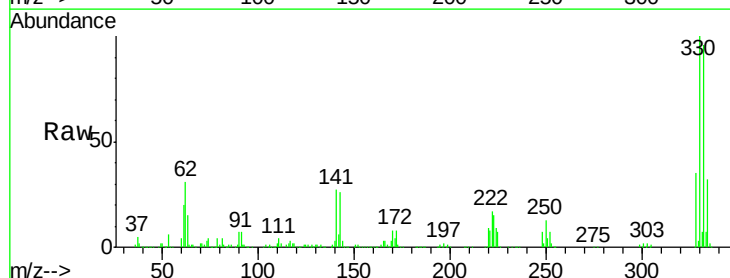
Tgt Ion:330 Resp: 1240229

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

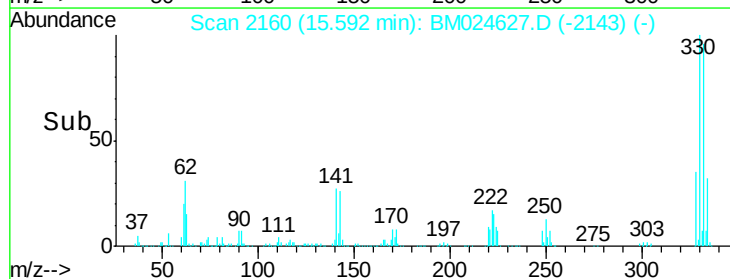
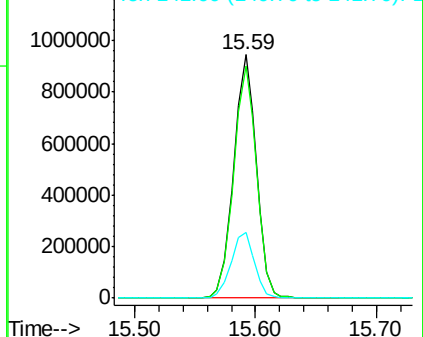
141 27.9 26.9 40.3

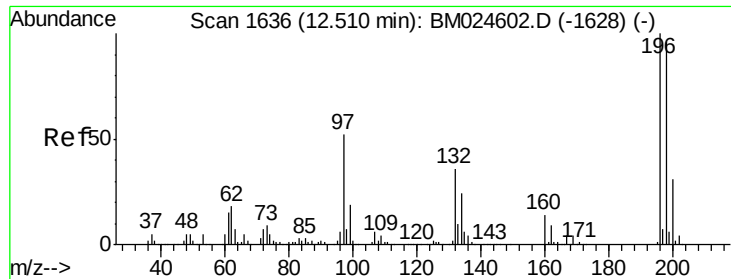


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

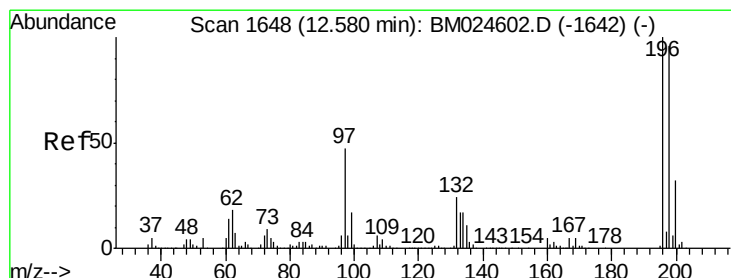
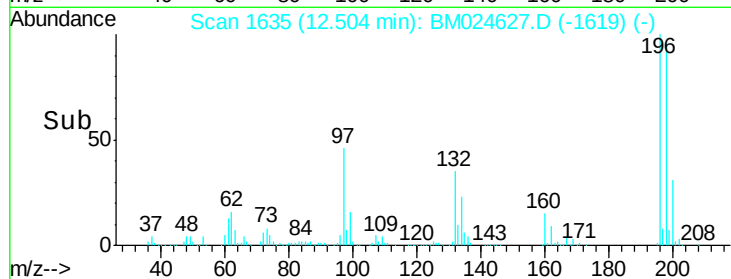
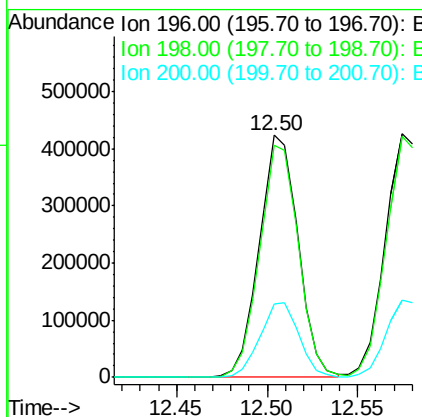
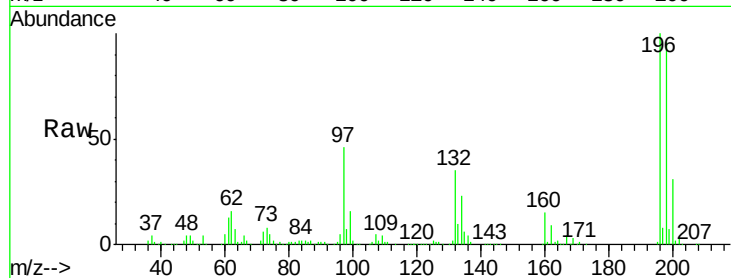




#43
 2,4,6-Trichlorophenol
 Concen: 38.875 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

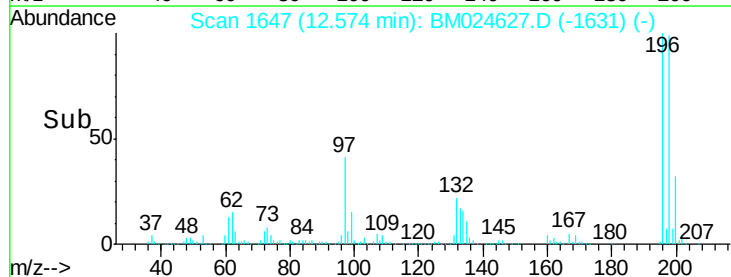
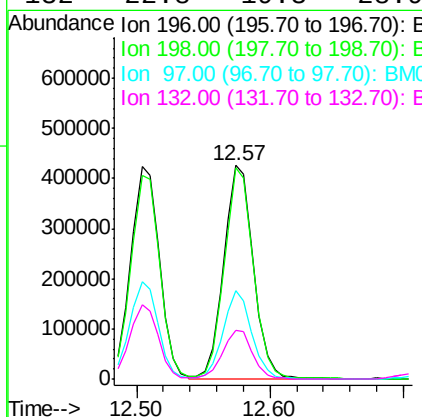
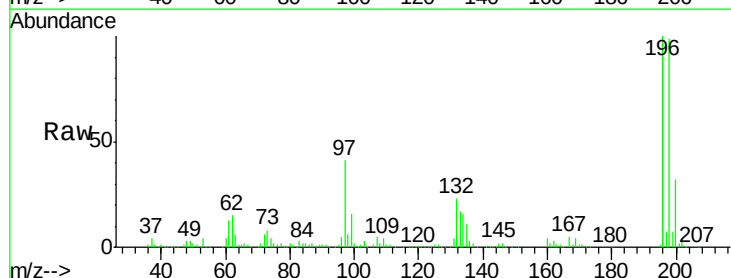
Instrument :
 BNA_M
 ClientSampleId :

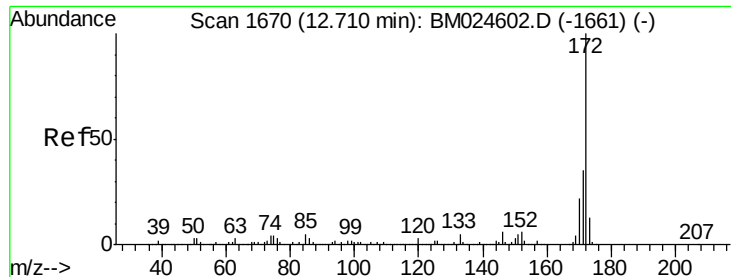
Tot Ion:196 Resp: 628033
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.5 114.7
 200 30.6 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.920 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion:196 Resp: 658641
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.2 115.8
 97 41.5 37.4 56.0
 132 22.8 19.3 28.9



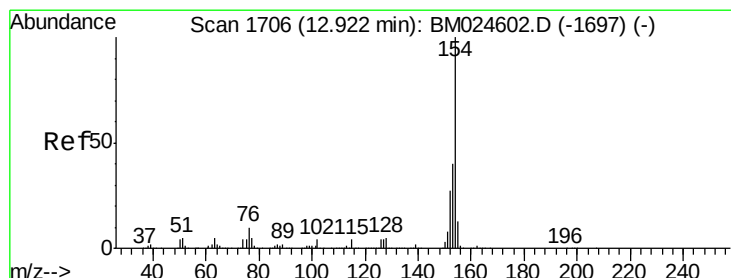
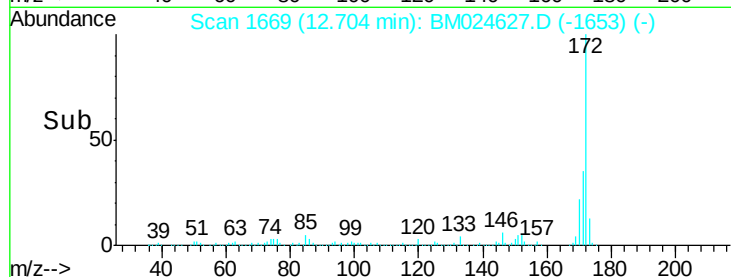
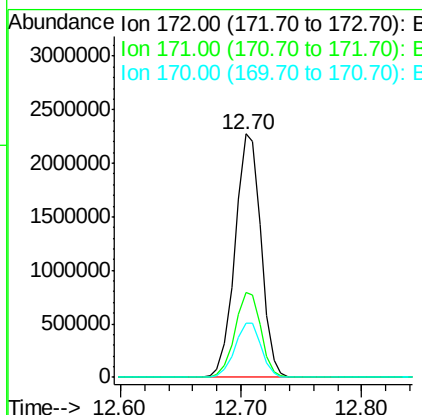
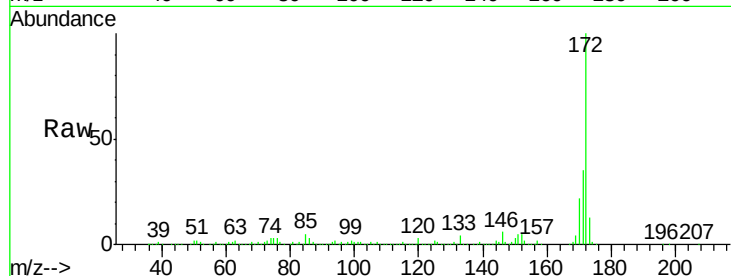


#45
 2-Fluorobiphenyl
 Concen: 64.892 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3395295

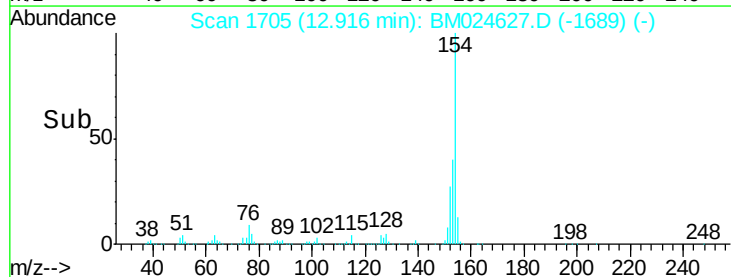
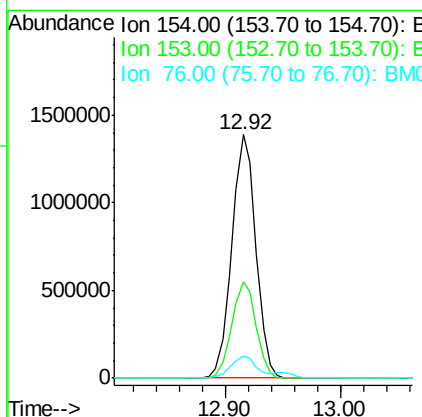
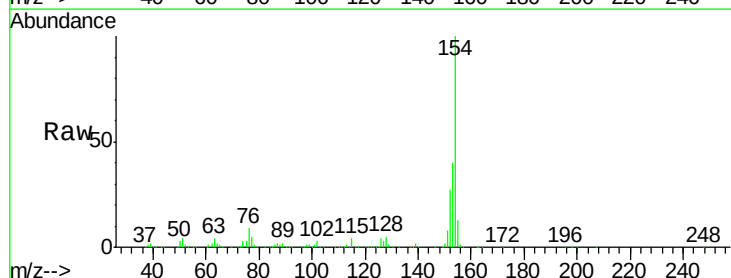
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.5	17.9	26.9

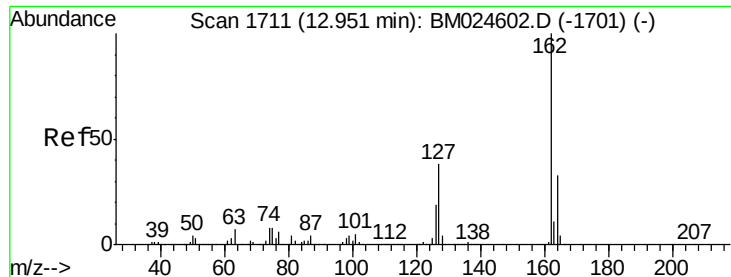


#46
 1,1'-Biphenyl
 Concen: 37.008 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion:154 Resp: 1992195

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	9.3	0.0	30.5

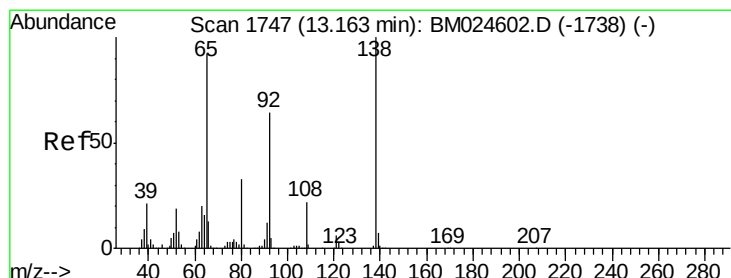
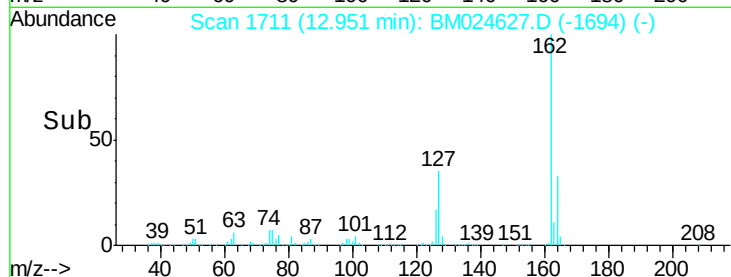
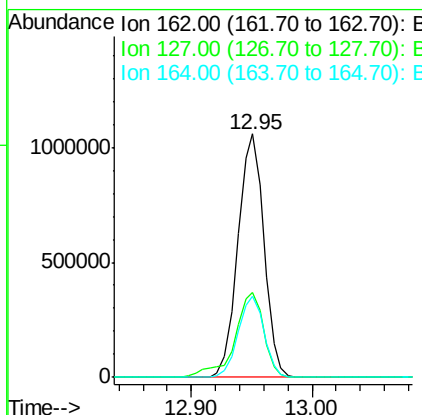
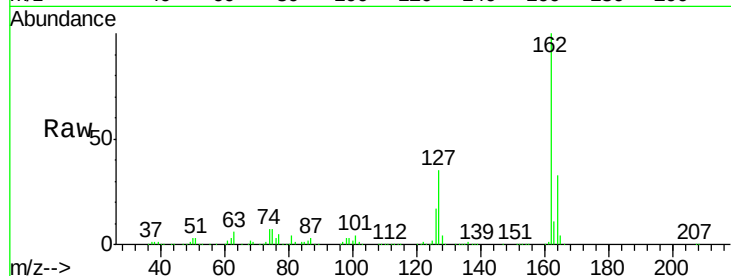




#47
2-Chloronaphthalene
Concen: 36.769 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

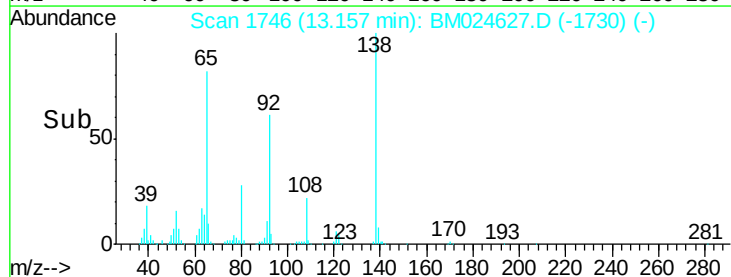
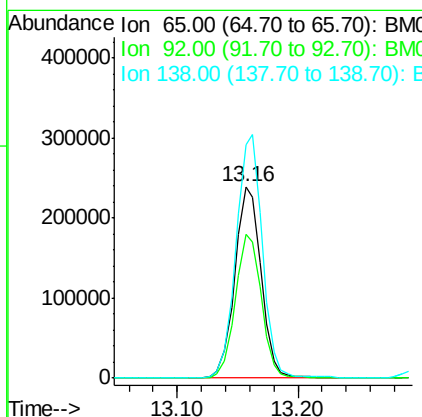
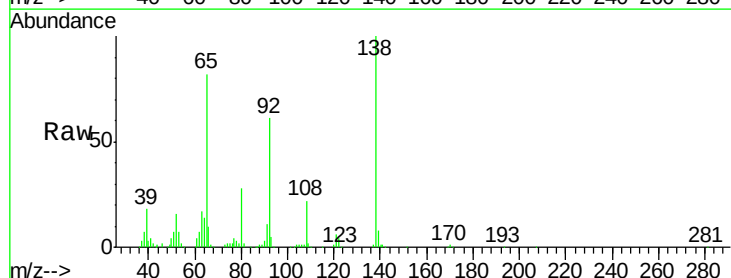
Instrument :
BNA_M
ClientSampled :

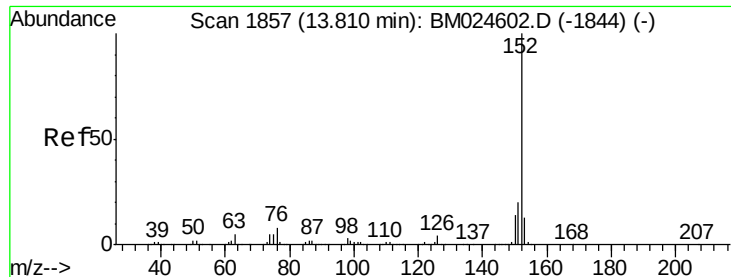
Tot Ion:162 Resp: 1597914
Ion Ratio Lower Upper
162 100
127 35.0 30.4 45.6
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 27.534 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion: 65 Resp: 364945
Ion Ratio Lower Upper
65 100
92 74.9 55.4 83.2
138 122.0 86.6 129.8





#49

Acenaphthylene

Concen: 37.384 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

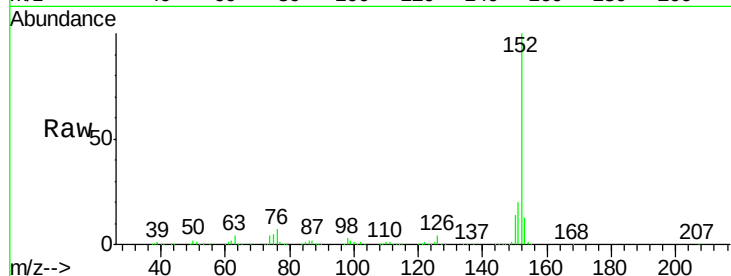
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2432126

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.4	10.4	15.6

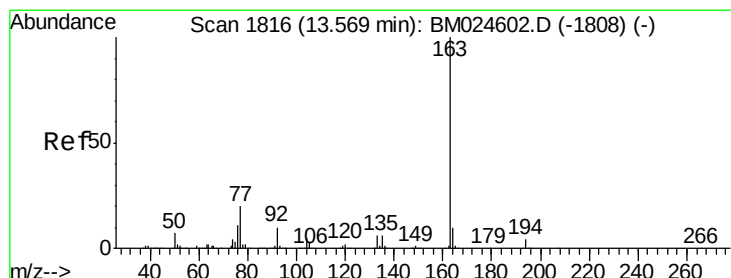
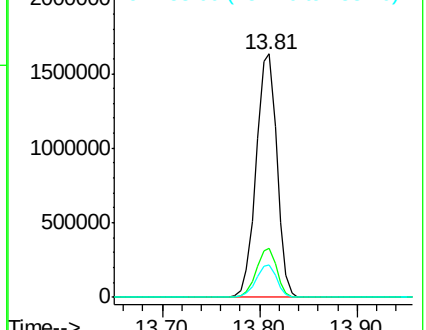
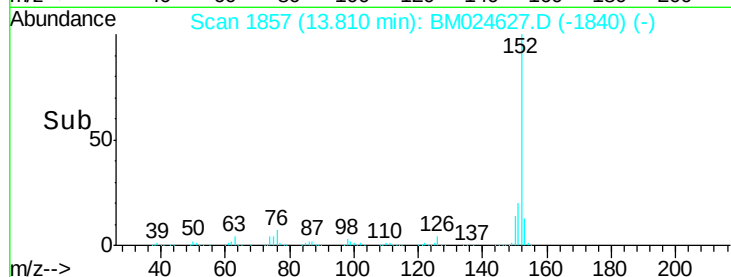


Abundance

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: 34.729 ng

RT: 13.57 min Scan# 1816

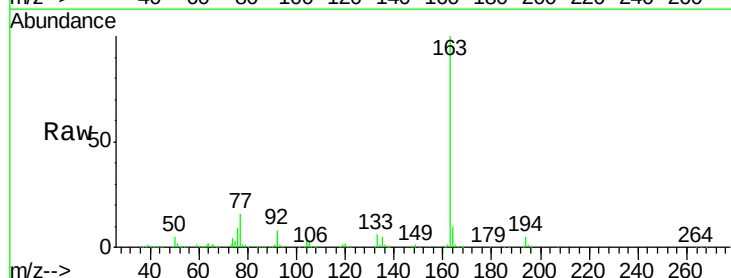
Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Tgt Ion:163 Resp: 1997557

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.2	8.0	12.0

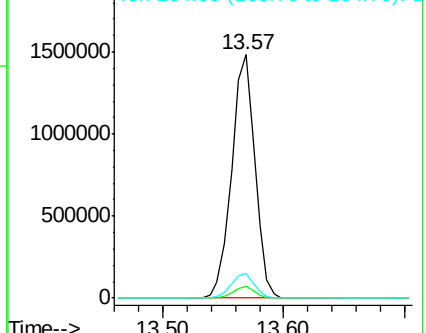
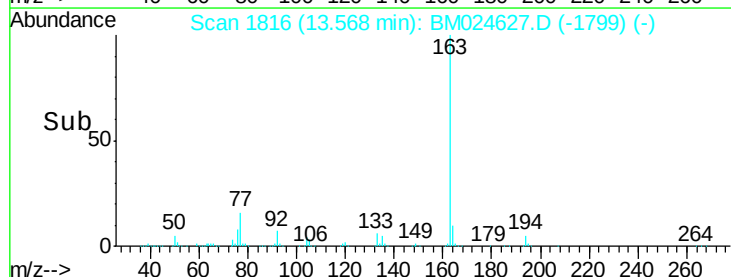


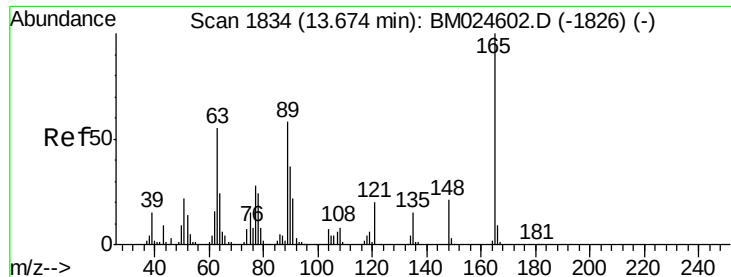
Abundance

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

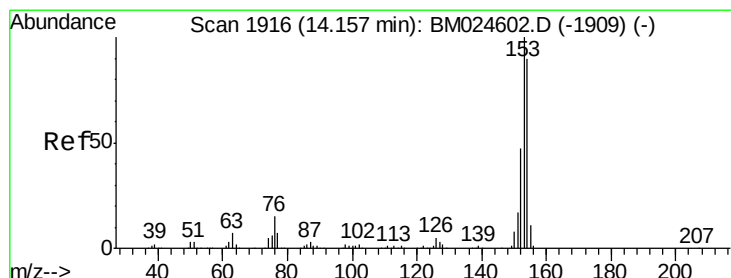
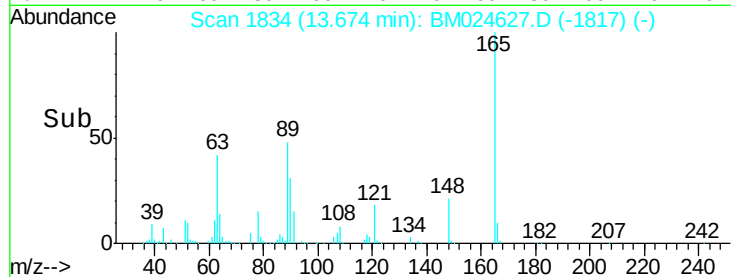
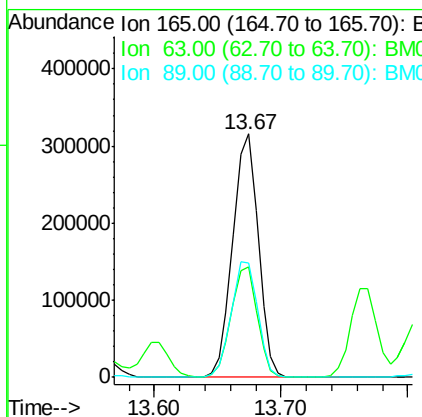
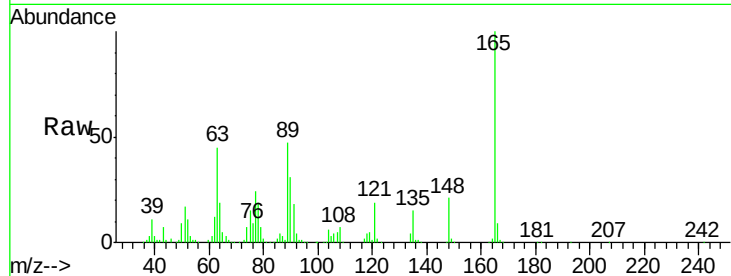




#51
2,6-Dinitrotoluene
Concen: 36.024 ng
RT: 13.67 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

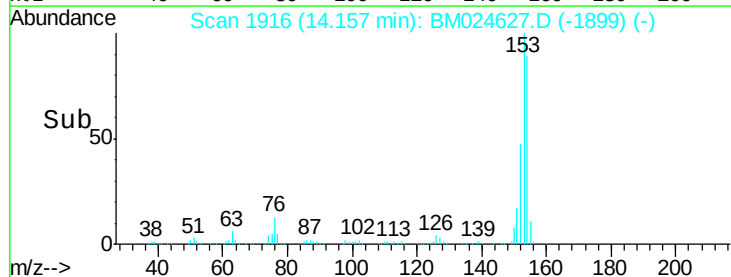
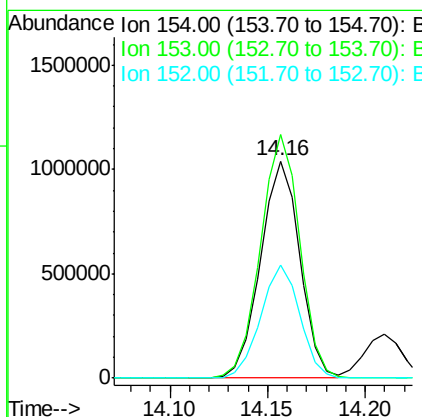
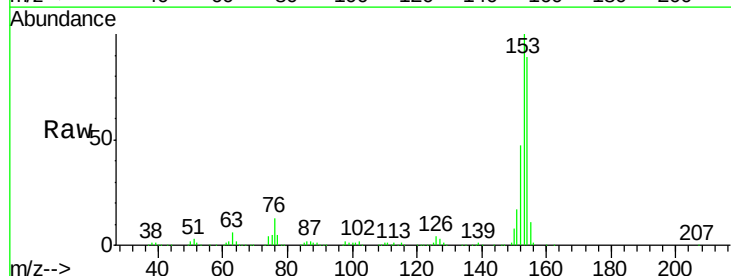
Instrument :
BNA_M
ClientSampleId :

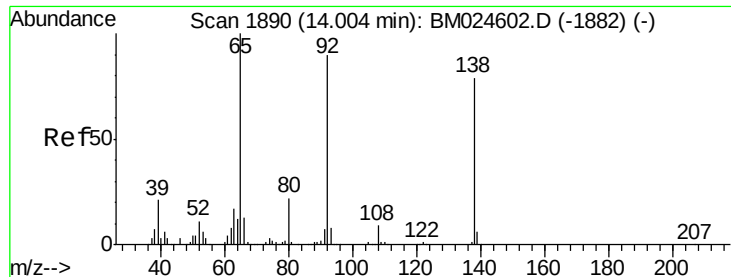
Tot Ion:165 Resp: 440543
Ion Ratio Lower Upper
165 100
63 45.1 45.4 68.0#
89 47.0 46.6 69.8



#52
Acenaphthene
Concen: 35.988 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion:154 Resp: 1452829
Ion Ratio Lower Upper
154 100
153 112.1 89.1 133.7
152 52.2 41.9 62.9





#53

3-Nitroaniline

Concen: 22.981 ng

RT: 14.00 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

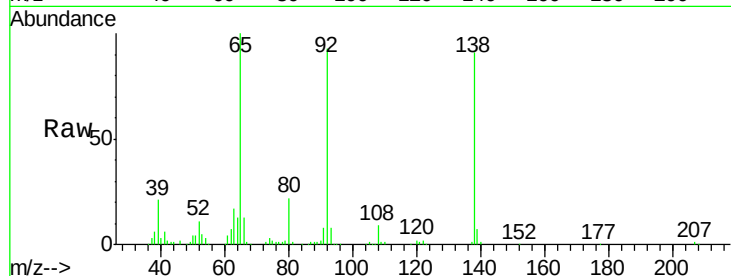
Tot Ion:138 Resp: 291486

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

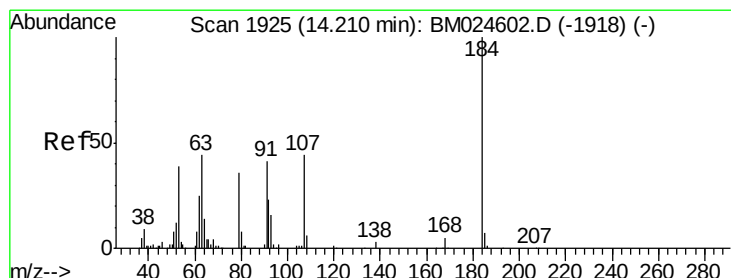
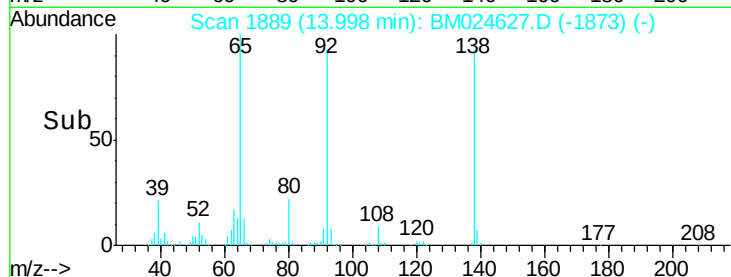
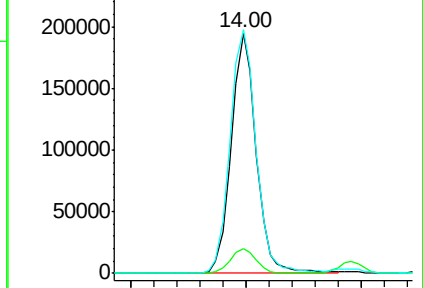
92 101.5 91.0 136.4



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: 67.981 ng

RT: 14.21 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

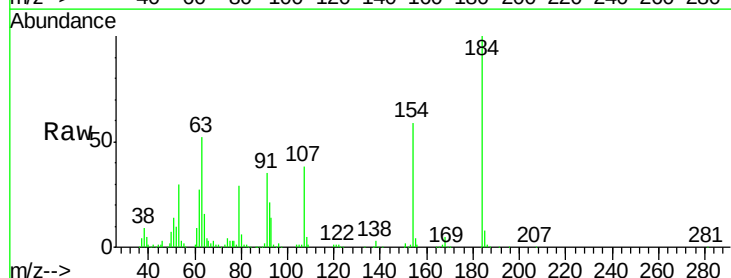
Tgt Ion:184 Resp: 497139

Ion Ratio Lower Upper

184 100

63 51.8 51.8 77.8

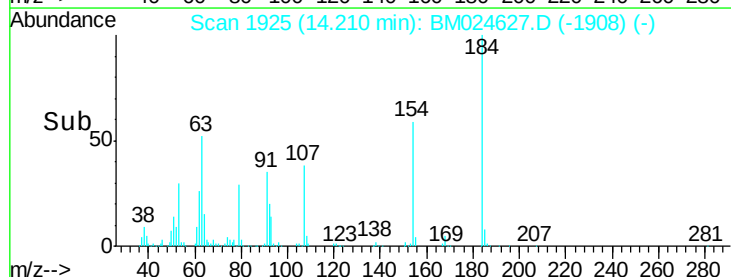
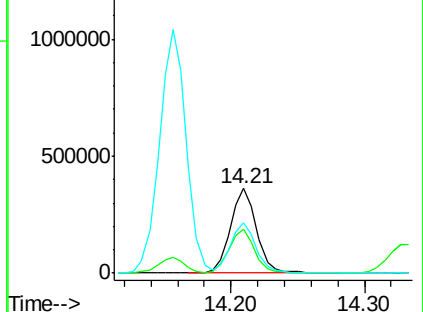
154 59.0 50.2 75.4

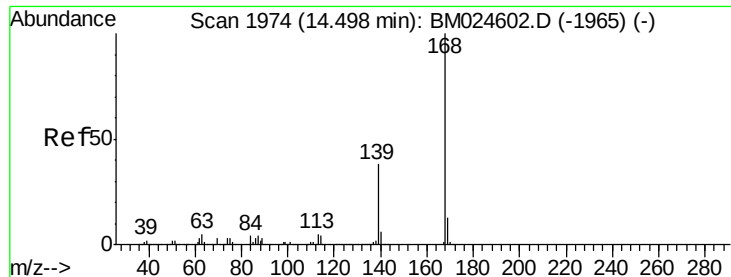


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.936 ng

RT: 14.50 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampled :

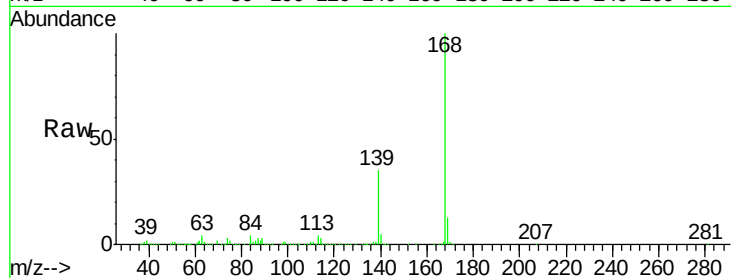
Tot Ion:168 Resp: 2431782

Ion Ratio Lower Upper

168 100

139 35.0 30.2 45.4

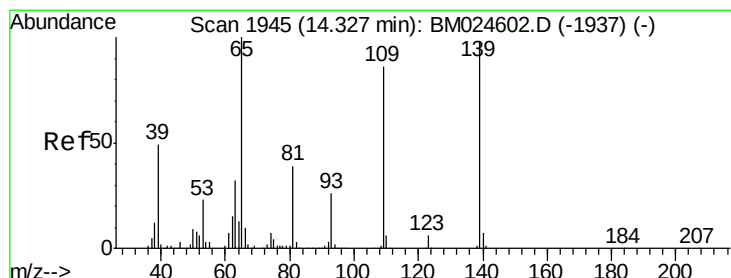
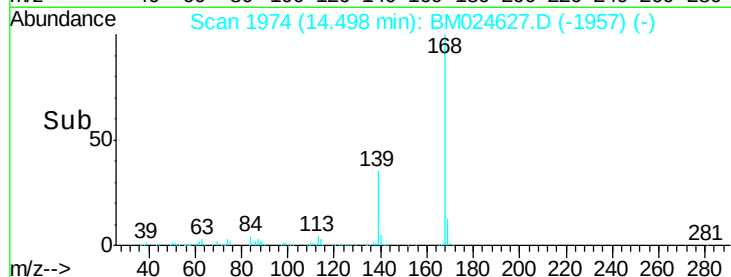
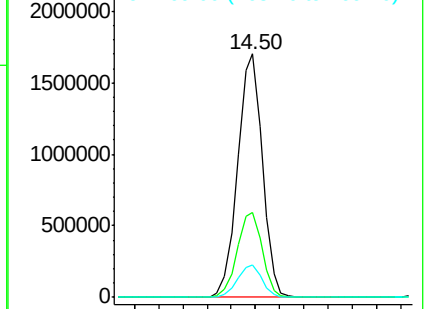
169 13.1 10.7 16.1



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: 69.513 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

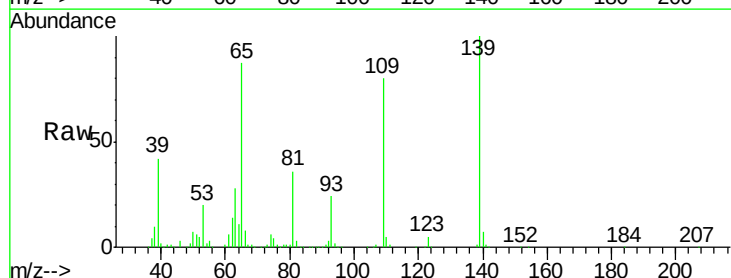
Tgt Ion:139 Resp: 689192

Ion Ratio Lower Upper

139 100

109 79.8 67.4 107.4

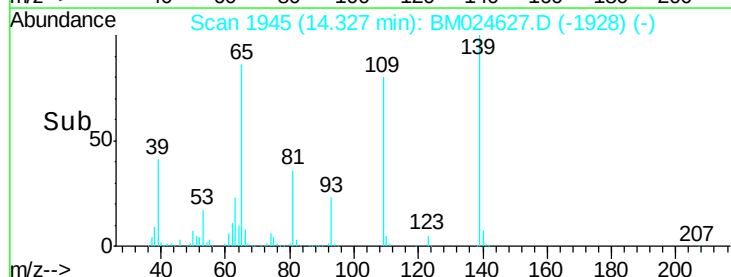
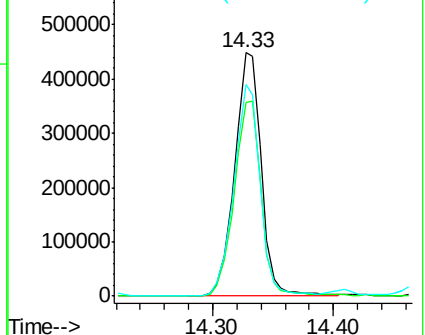
65 87.0 82.1 122.1

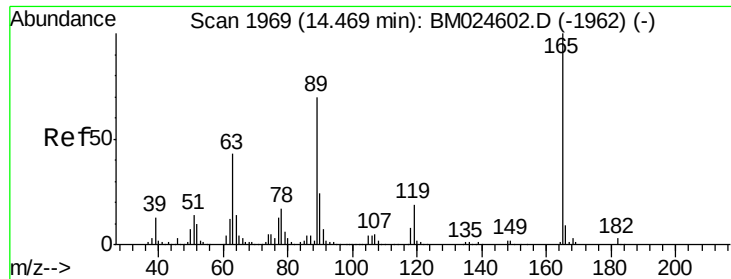


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

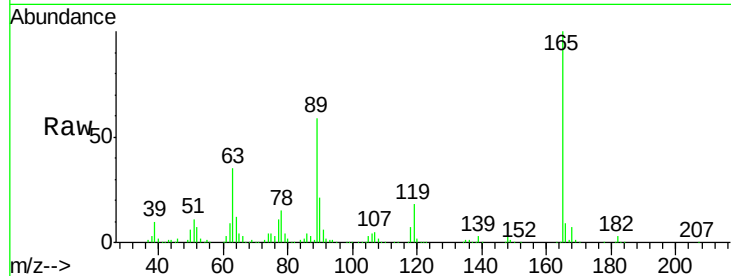




#57
2,4-Dinitrotoluene
Concen: 33.920 ng
RT: 14.47 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165	Resp:	594497	
Ion	Ratio	Lower	Upper
165	100		
63	35.3	34.5	51.7
89	59.2	55.8	83.8
182	3.2	2.3	3.5

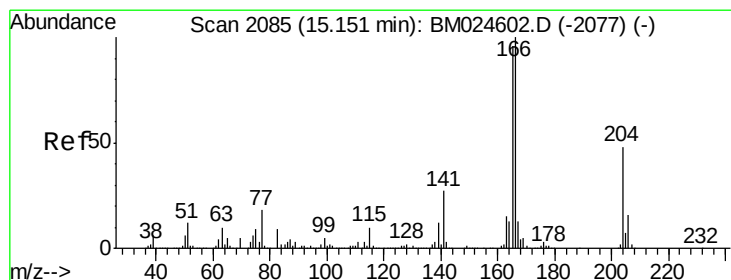
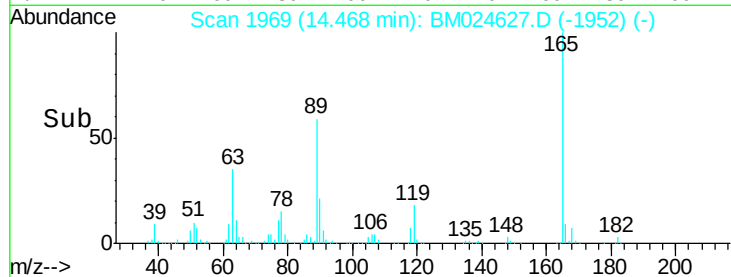
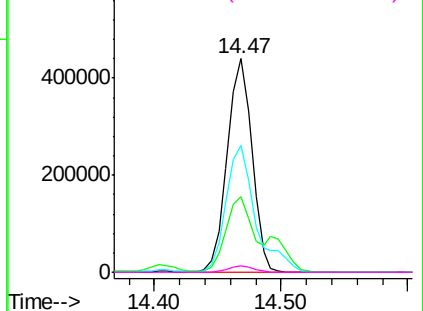


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

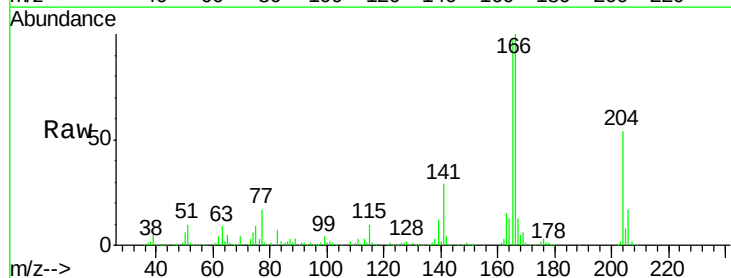
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 34.807 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

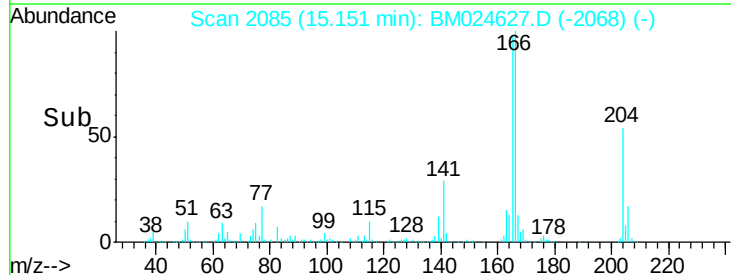
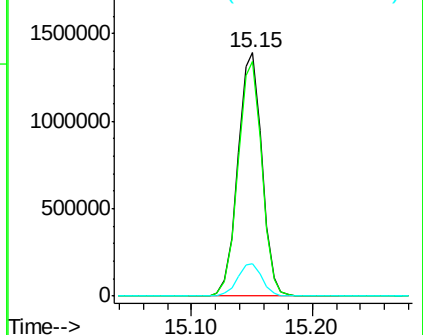
Tgt	Ion:166	Resp:	1925843
Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.6	114.8
167	13.2	10.8	16.2

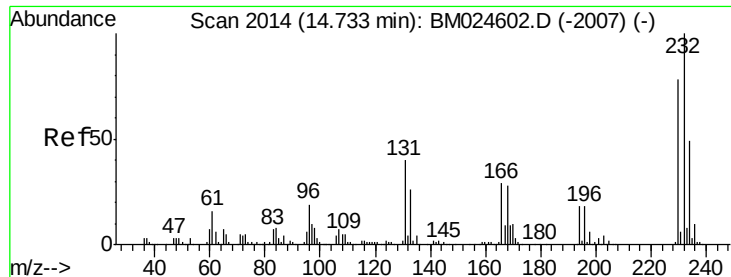


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

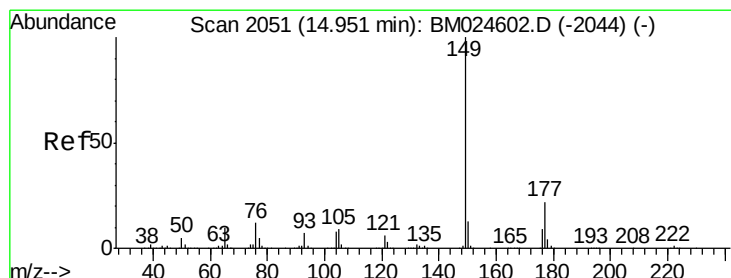
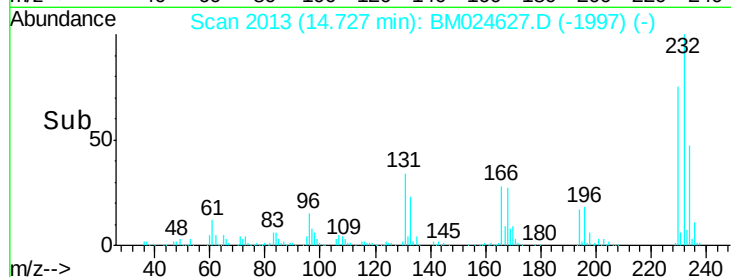
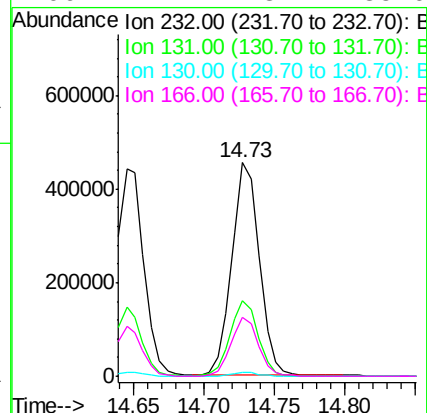
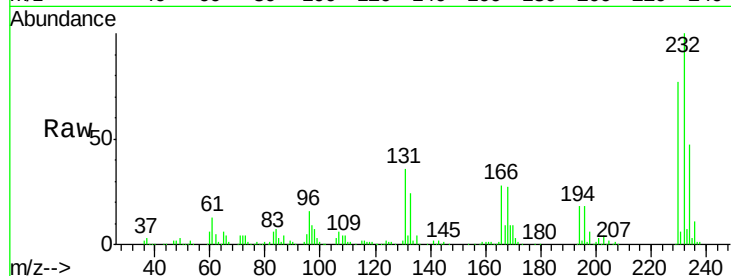




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.127 ng
 RT: 14.73 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

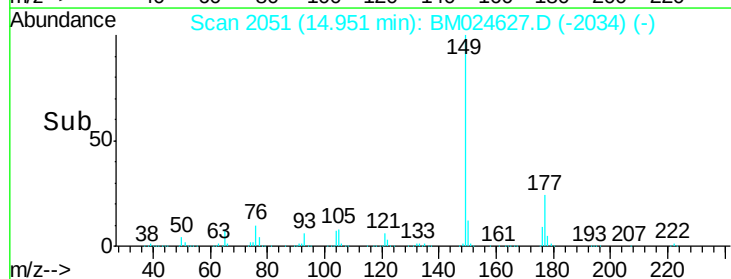
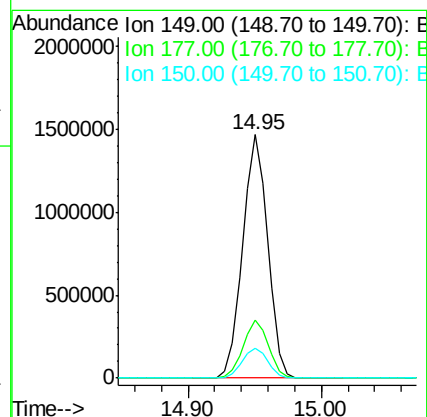
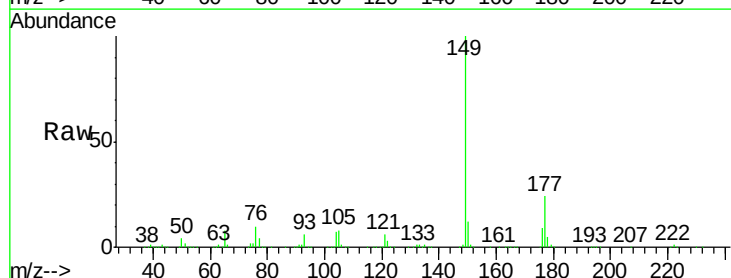
Instrument :
 BNA_M
 ClientSampleId :

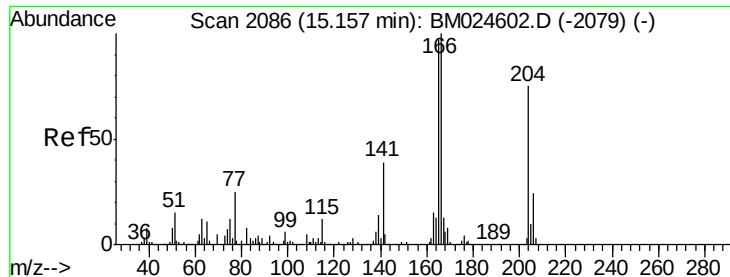
Tot Ion:232 Resp: 621189
 Ion Ratio Lower Upper
 232 100
 131 35.6 32.2 48.4
 130 1.9 1.9 2.9#
 166 27.2 23.4 35.0



#60
 Diethylphthalate
 Concen: 32.587 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion:149 Resp: 1902892
 Ion Ratio Lower Upper
 149 100
 177 23.6 18.0 27.0
 150 12.4 10.2 15.4

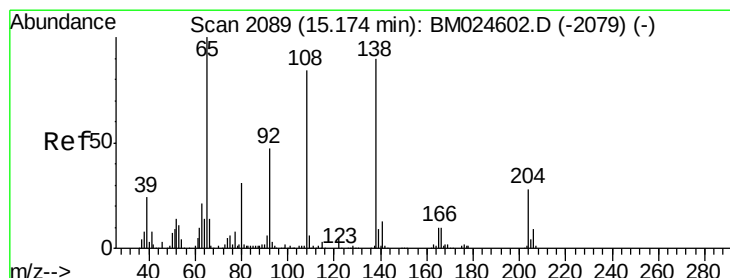
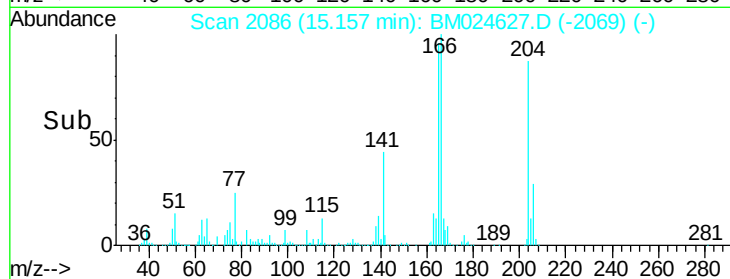
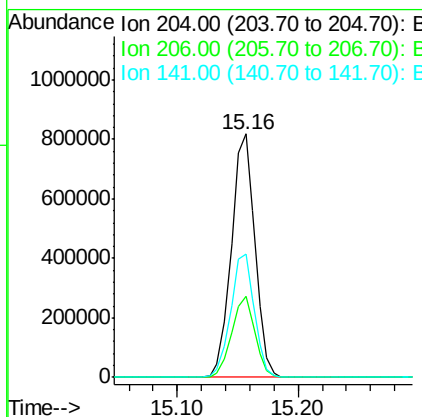
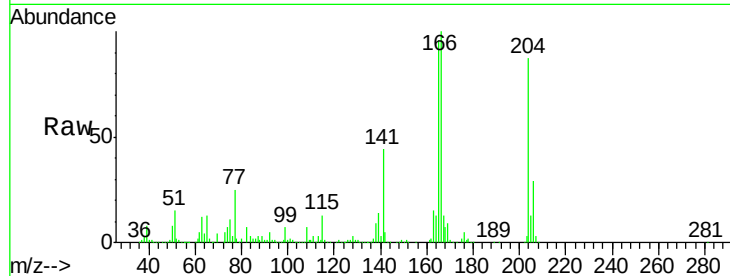




#61
 4-Chlorophenyl-phenylether
 Concen: 34.894 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

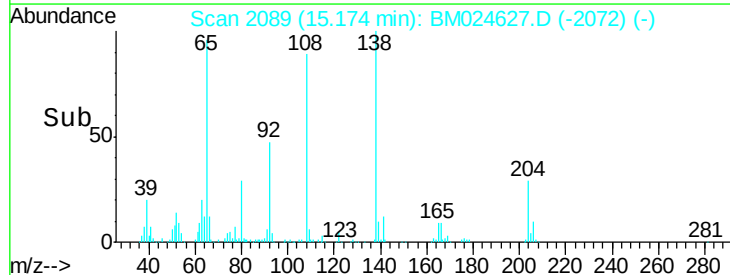
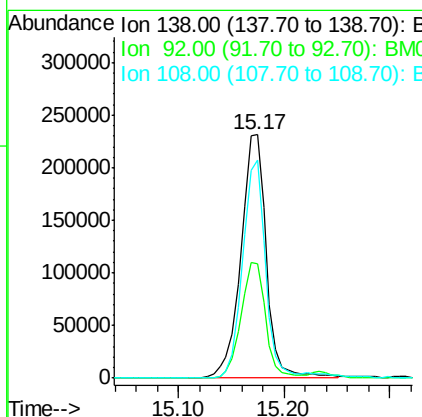
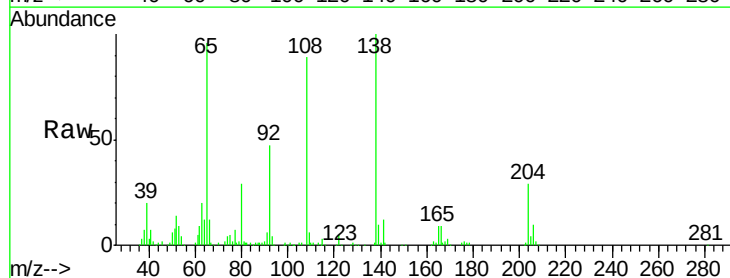
Instrument :
 BNA_M
 ClientSampled :

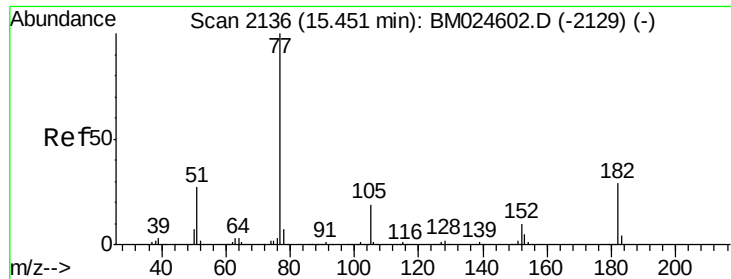
Tot Ion:204 Resp: 1113062
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.2 39.2
 141 50.7 42.2 63.2



#62
 4-Nitroaniline
 Concen: 27.636 ng
 RT: 15.17 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion:138 Resp: 386915
 Ion Ratio Lower Upper
 138 100
 92 47.1 32.4 72.4
 108 89.4 73.3 113.3





#63

Azobenzene

Concen: 30.543 ng

RT: 15.44 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1521339

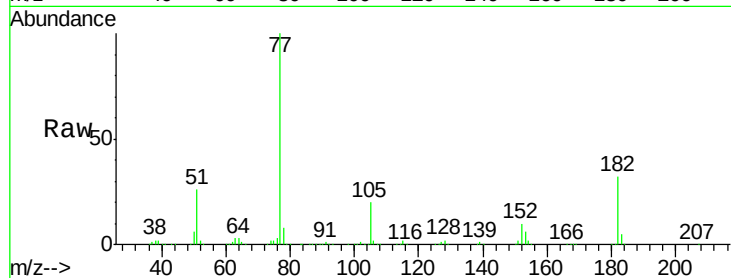
Ion Ratio Lower Upper

77 100

182 32.2 8.7 48.7

105 20.2 0.0 39.2

51 26.5 7.5 47.5

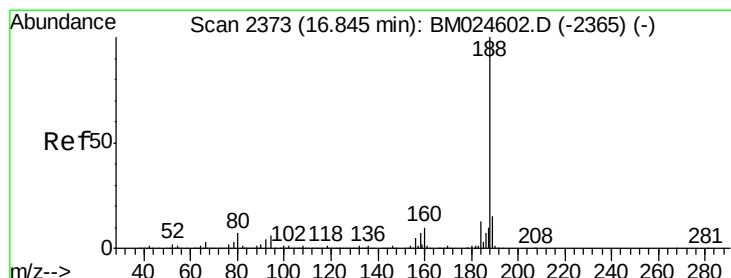
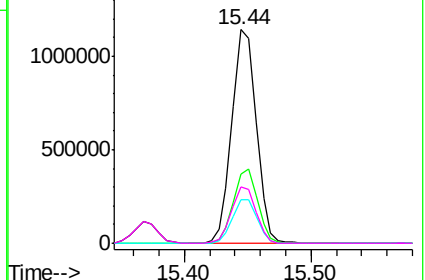
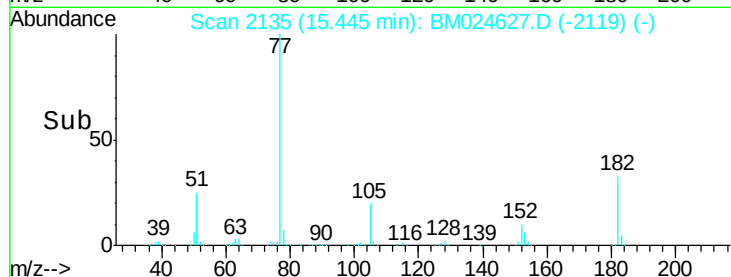


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

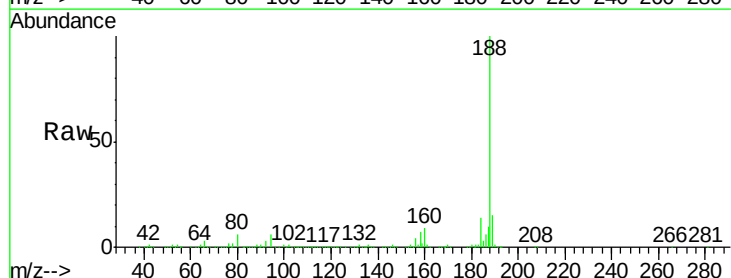
Tgt Ion: 188 Resp: 1494643

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.6

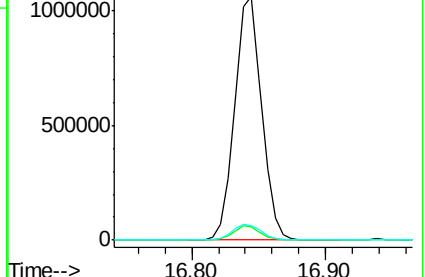
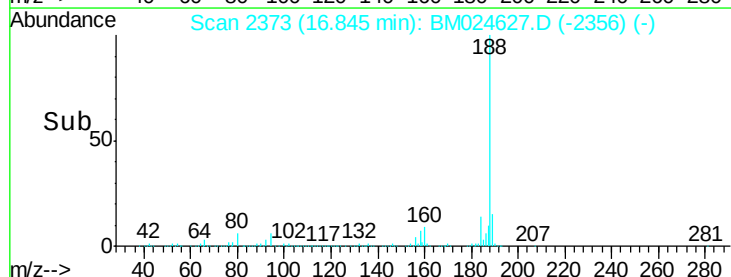
80 6.1 5.8 8.8

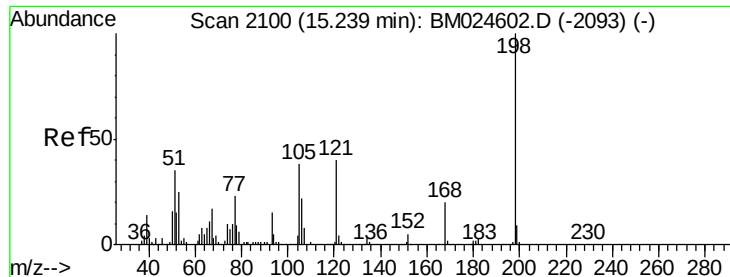


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

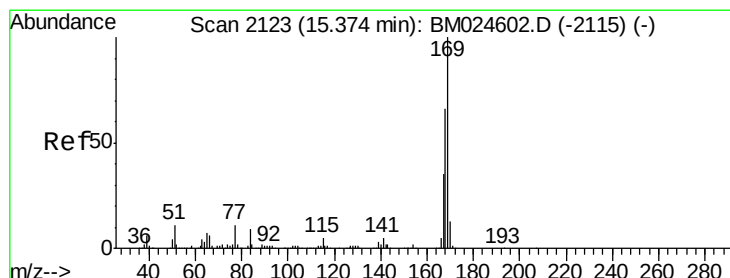
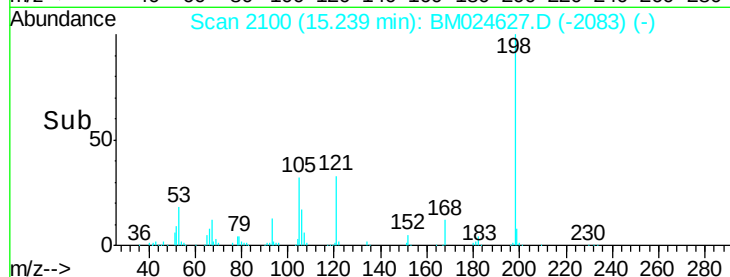
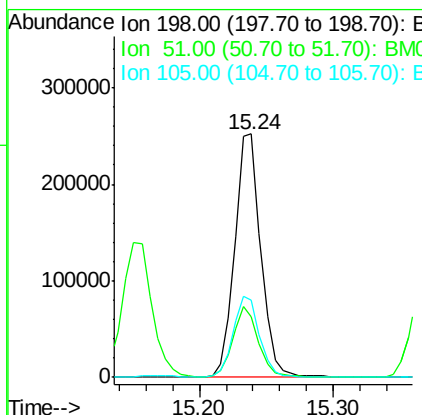
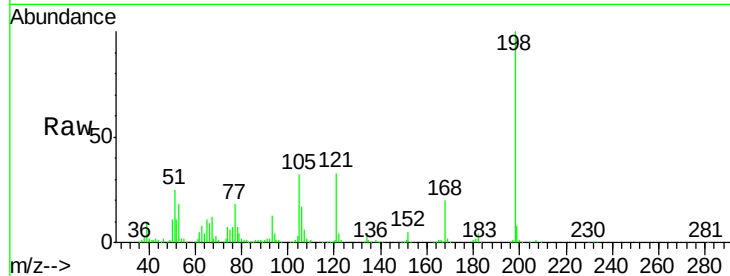




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.171 ng
 RT: 15.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

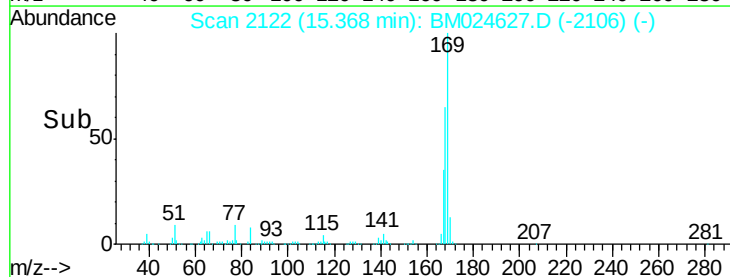
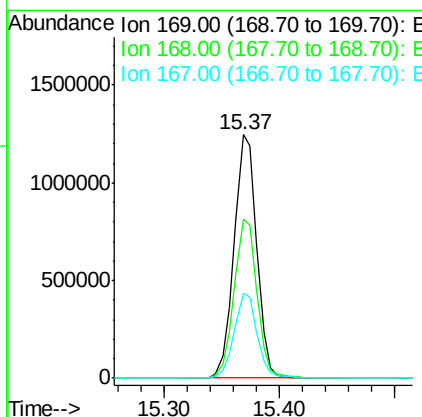
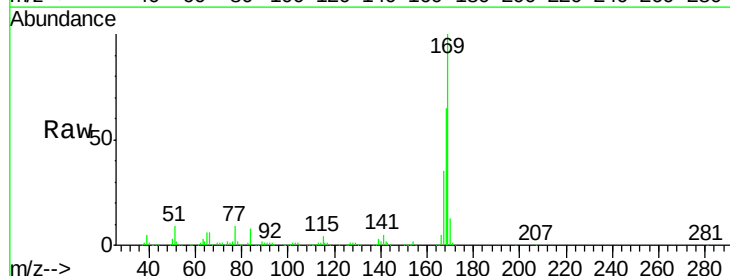
Instrument :
 BNA_M
 ClientSampleId :

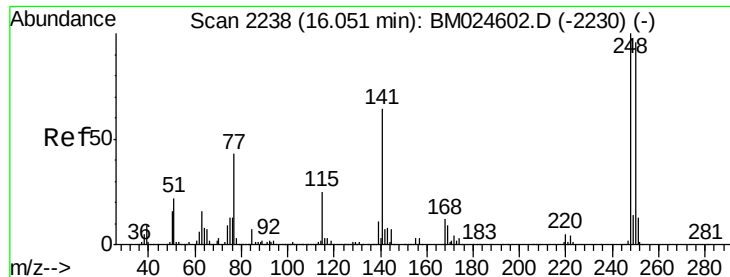
Tot Ion	Ratio	Lower	Upper
198	100		
51	25.1	15.8	55.8
105	31.8	18.5	58.5



#66
 n-Nitrosodiphenylamine
 Concen: 39.362 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	34.7	28.2	42.2

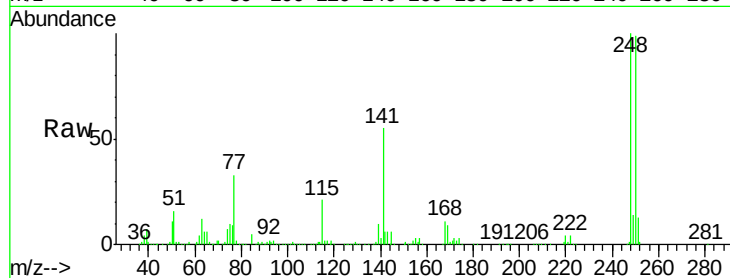




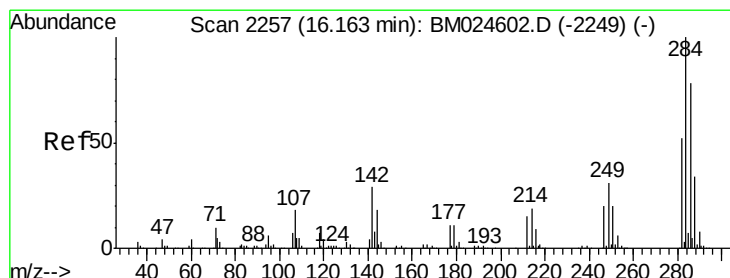
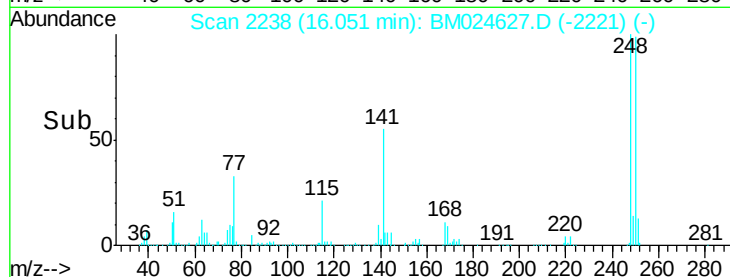
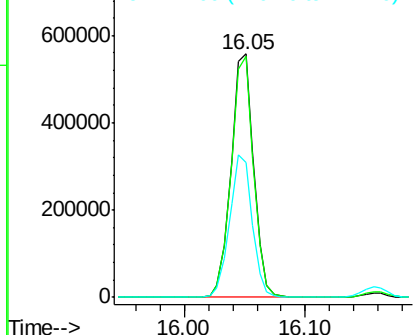
#67
4-Bromophenyl-phenylether
Concen: 39.096 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 726679
Ion Ratio Lower Upper
248 100
250 99.1 77.0 115.6
141 55.4 50.9 76.3

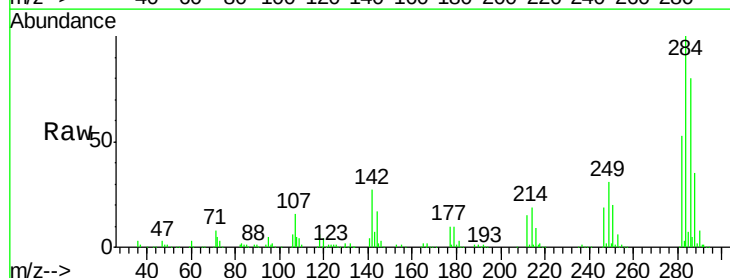


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

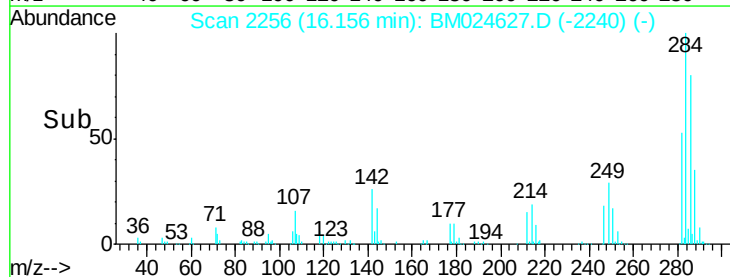
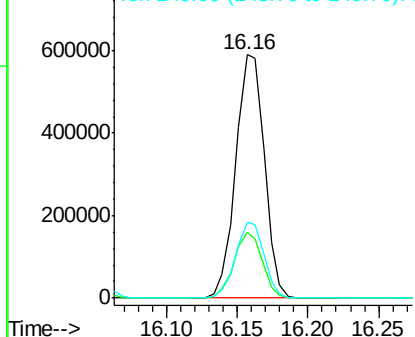


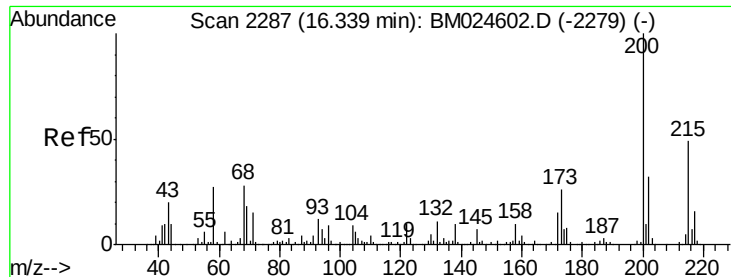
#68
Hexachlorobenzene
Concen: 39.174 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion:284 Resp: 835562
Ion Ratio Lower Upper
284 100
142 27.1 23.5 35.3
249 31.4 24.6 36.8



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: 39.104 ng

RT: 16.34 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

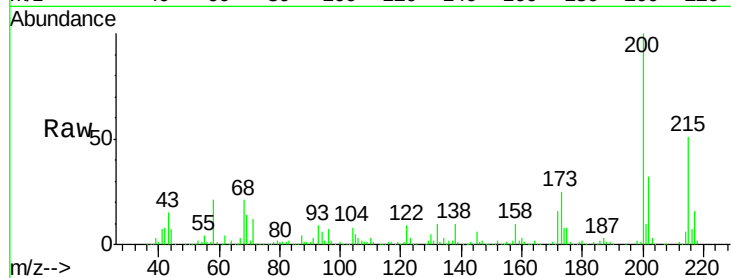
Tot Ion:200 Resp: 644434

Ion Ratio Lower Upper

200 100

173 25.1 5.5 45.5

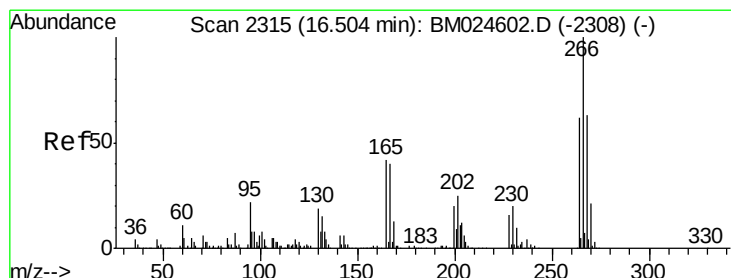
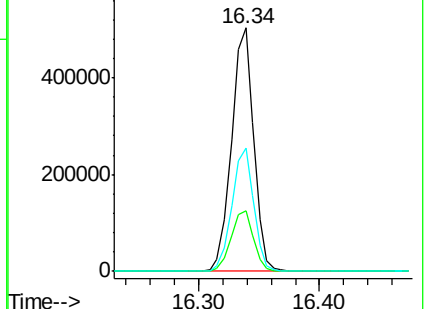
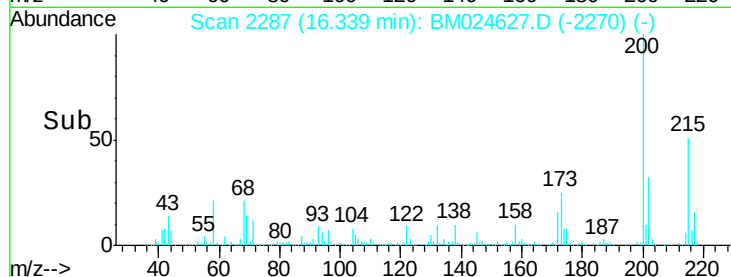
215 50.6 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.835 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

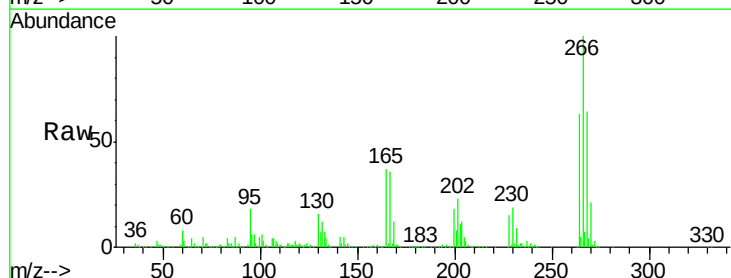
Tgt Ion:266 Resp: 1011249

Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

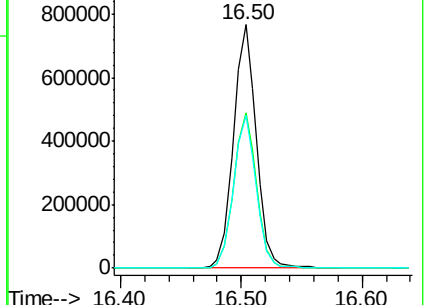
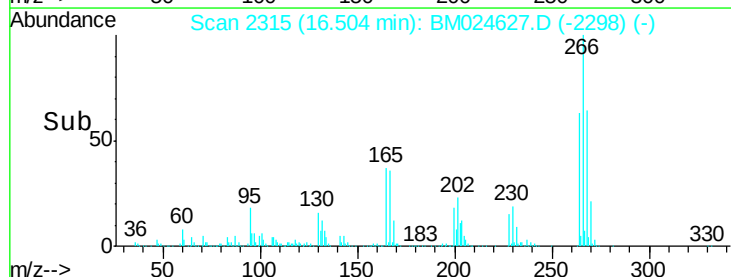
264 62.7 49.9 74.9

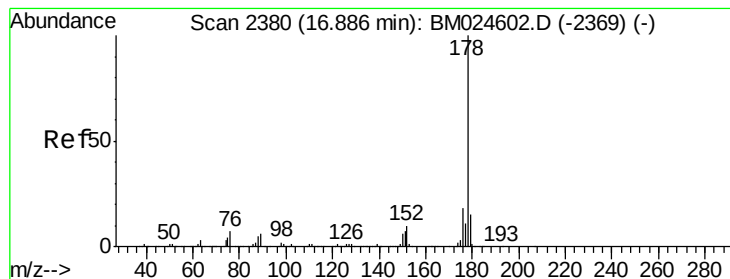


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.603 ng

RT: 16.89 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

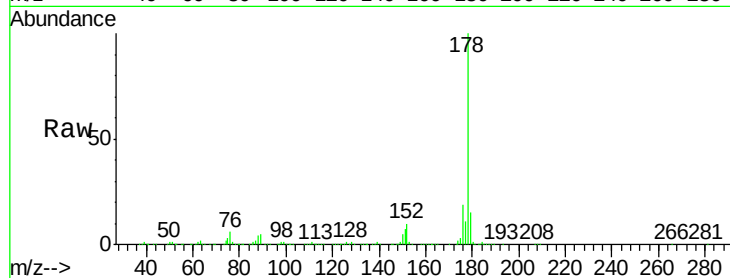
Tot Ion:178 Resp: 2962574

Ion Ratio Lower Upper

178 100

176 18.9 14.5 21.7

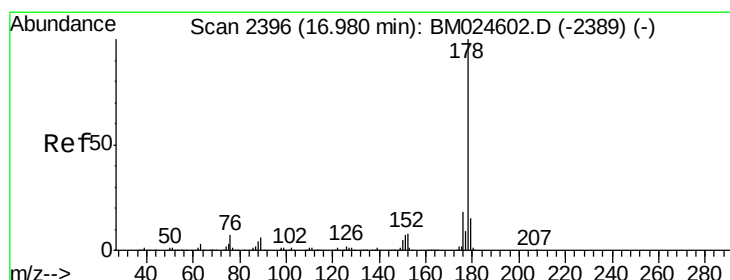
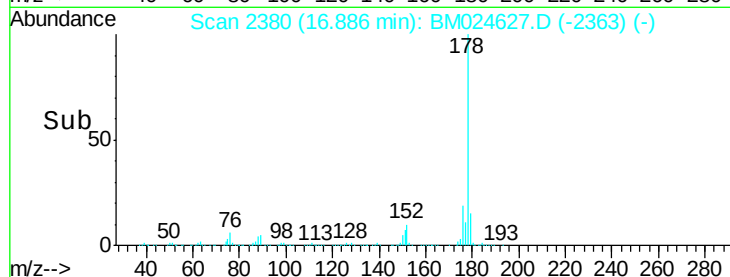
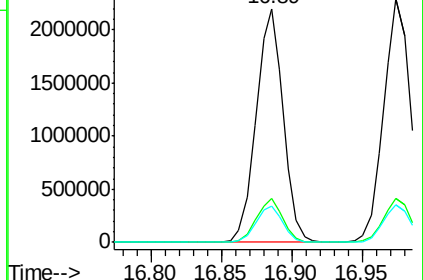
179 15.4 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.307 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

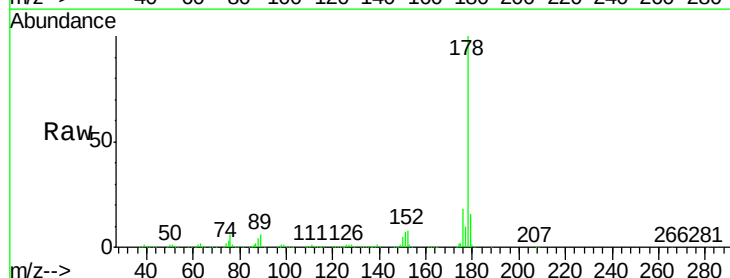
Tgt Ion:178 Resp: 3033703

Ion Ratio Lower Upper

178 100

176 18.0 14.3 21.5

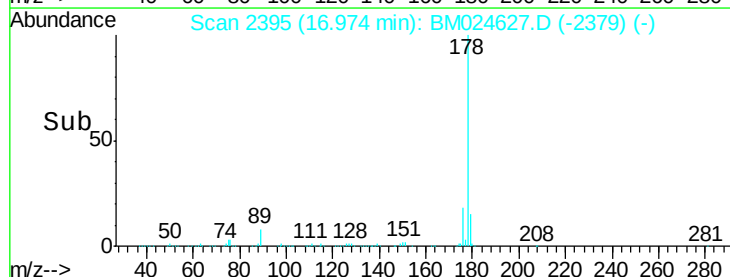
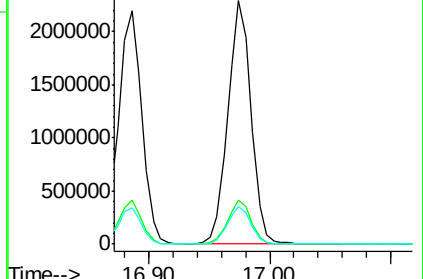
179 15.7 12.1 18.1

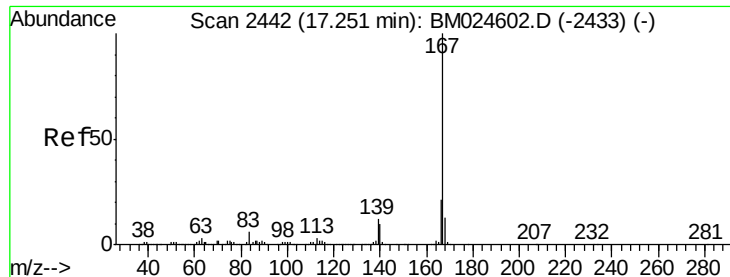


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 34.758 ng

RT: 17.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

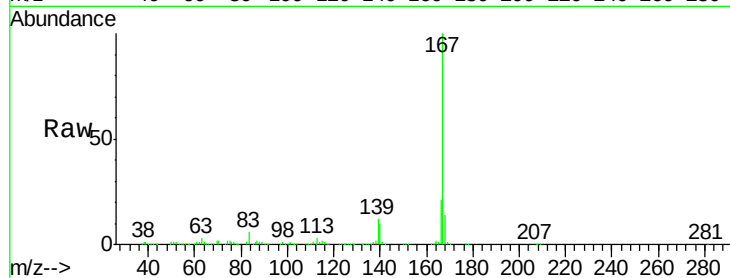
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 2505869

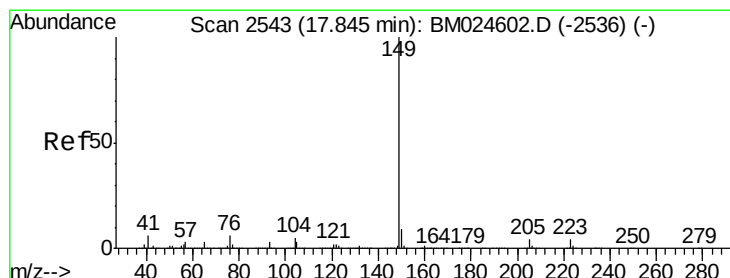
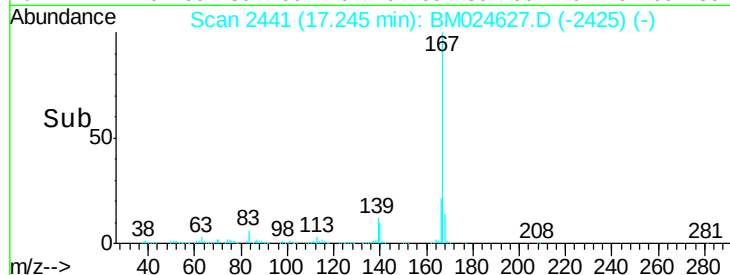
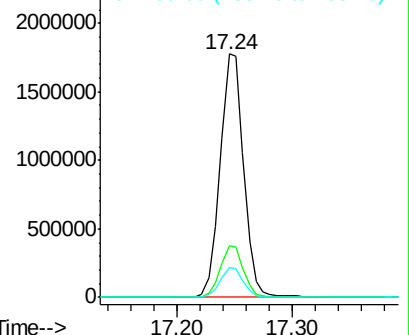
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.1	9.8	14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 32.560 ng

RT: 17.84 min Scan# 2543

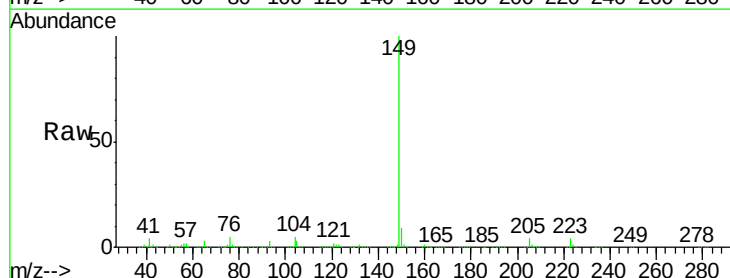
Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Tgt Ion:149 Resp: 3000929

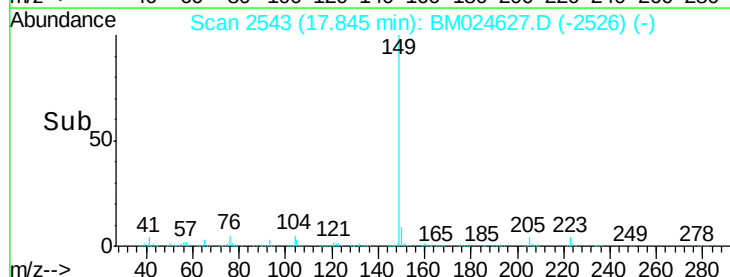
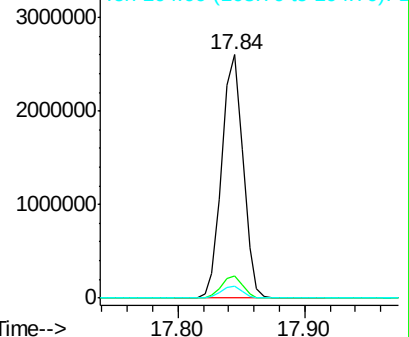
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.8	4.3	6.5

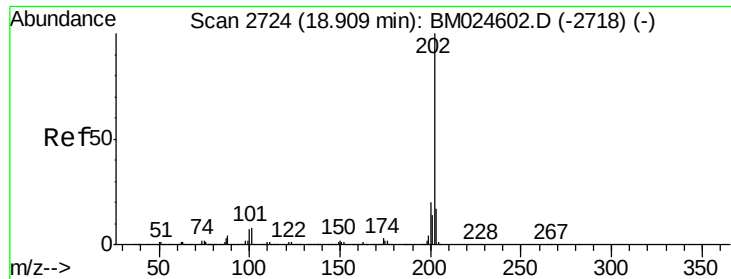


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 33.253 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

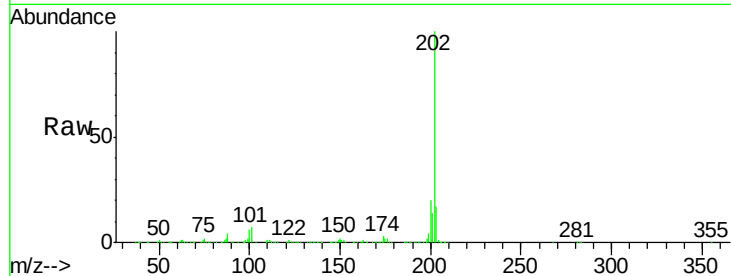
Tot Ion:202 Resp: 3359157

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.4

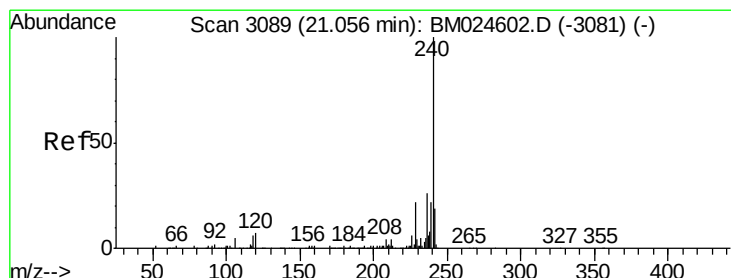
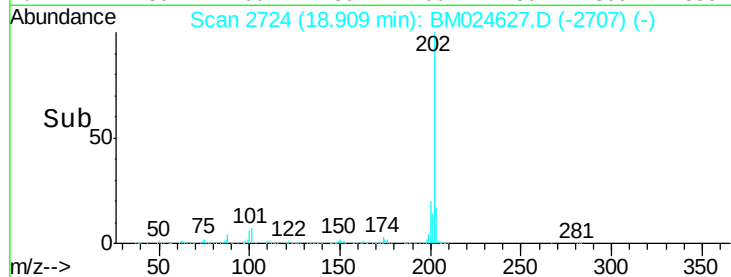
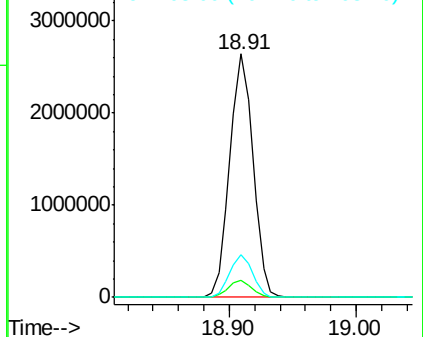
203 17.4 0.0 37.5



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: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

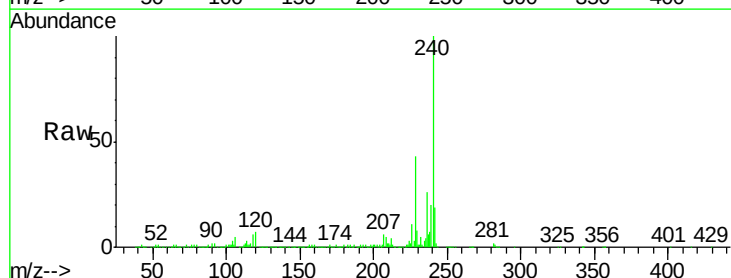
Tgt Ion:240 Resp: 1126768

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

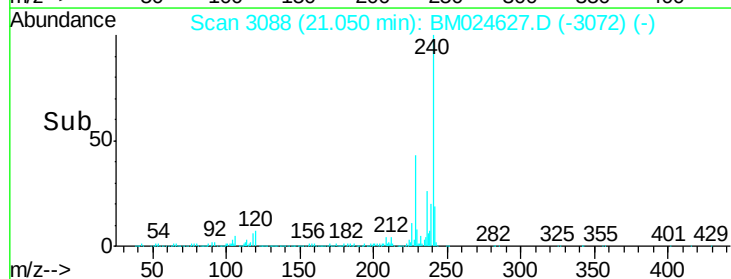
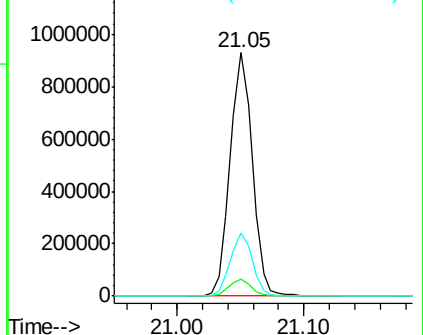
236 25.8 20.6 31.0

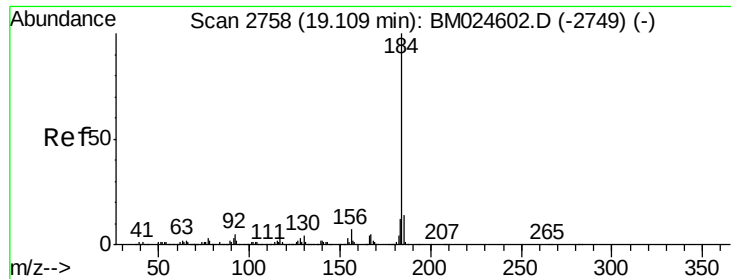


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 73.734 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

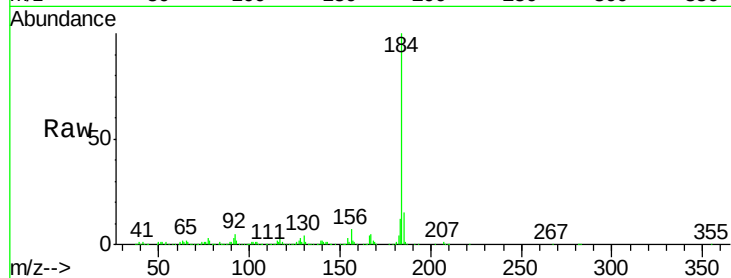
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1934838

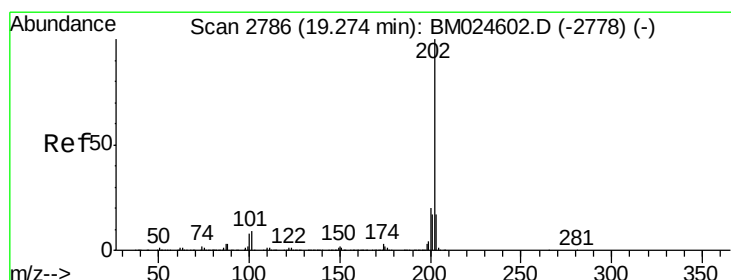
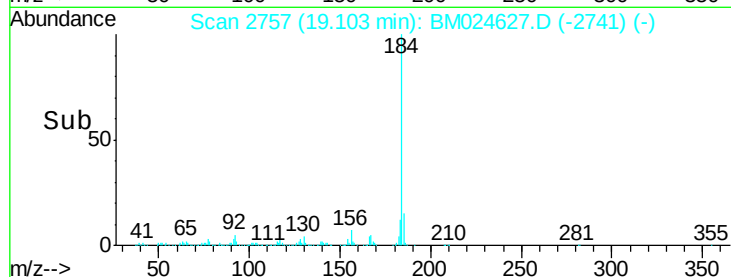
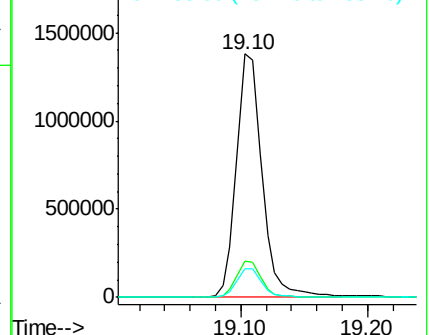
Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.3	16.9
183	11.9	9.6	14.4



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: 45.658 ng

RT: 19.27 min Scan# 2786

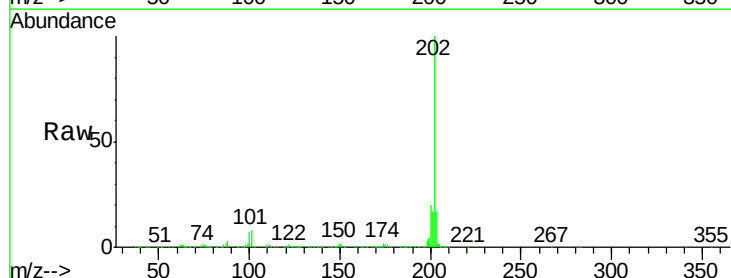
Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Tgt Ion:202 Resp: 3391499

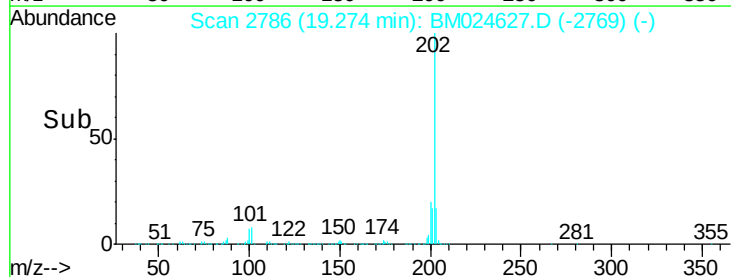
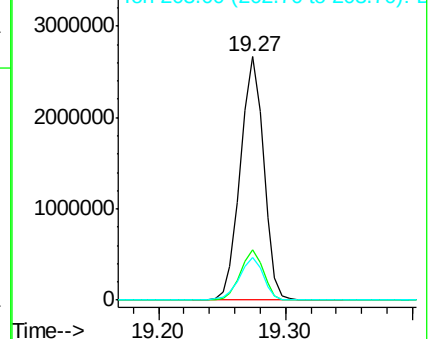
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	17.3	14.0	21.0

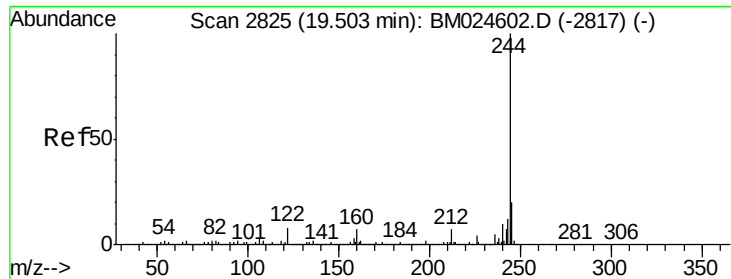


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

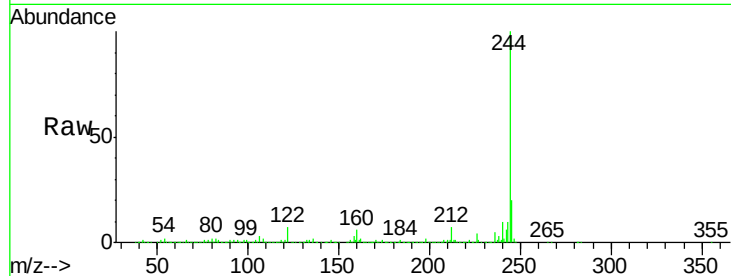




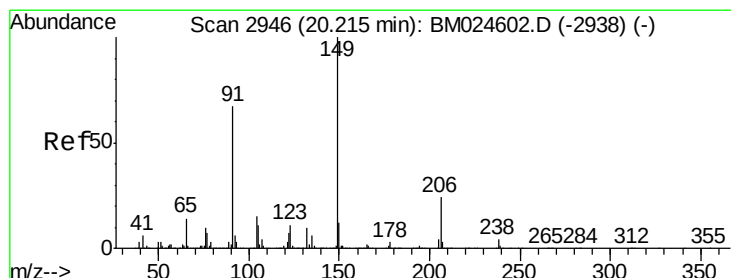
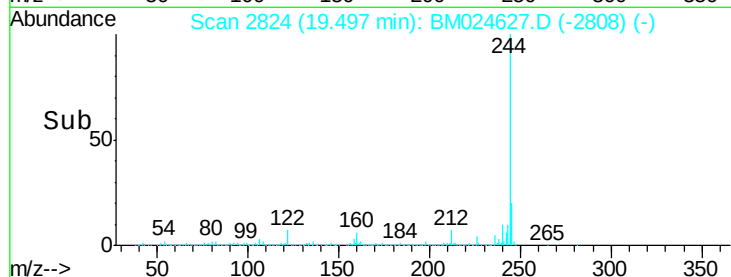
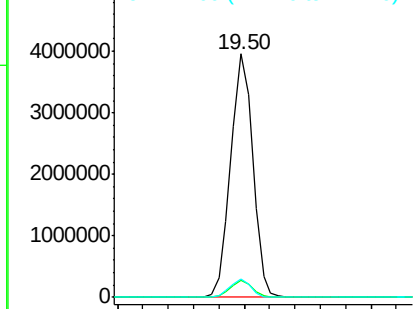
#79
 Terphenyl-d14
 Concen: 79.395 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 4791892
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 7.3 6.2 9.4

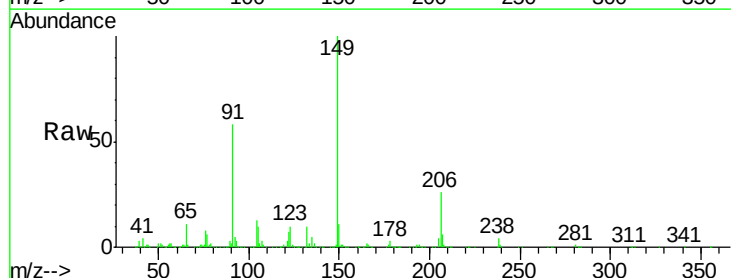


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

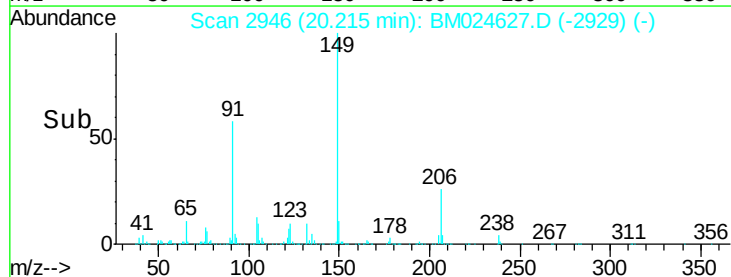
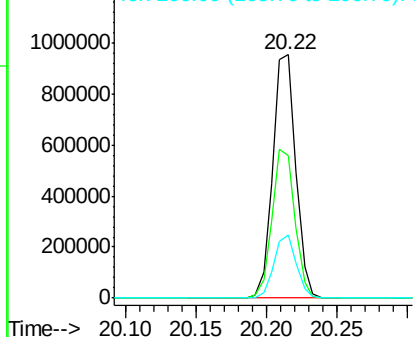


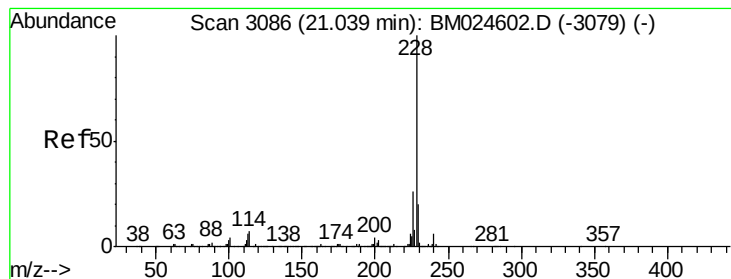
#80
 Butylbenzylphthalate
 Concen: 35.033 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BM024627.D
 Acq: 27 Jan 2020 14:39

Tgt Ion:149 Resp: 1091936
 Ion Ratio Lower Upper
 149 100
 91 58.4 53.9 80.9
 206 26.0 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.971 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

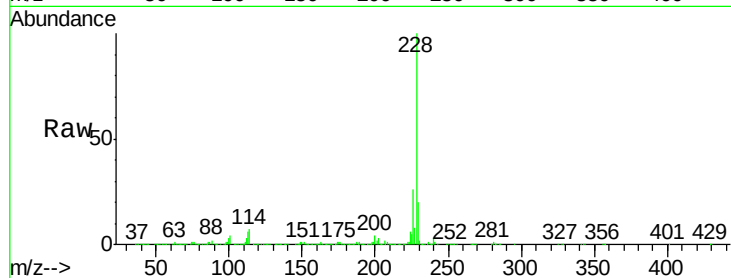
Tot Ion:228 Resp: 2891325

Ion Ratio Lower Upper

228 100

226 26.3 21.1 31.7

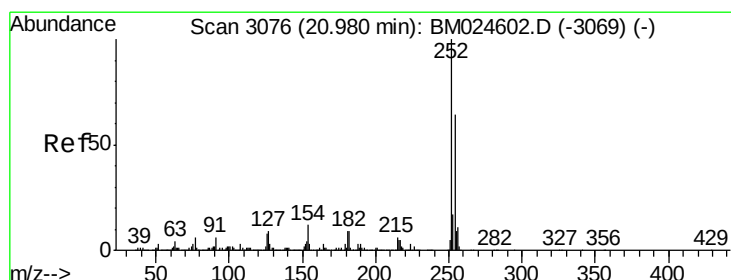
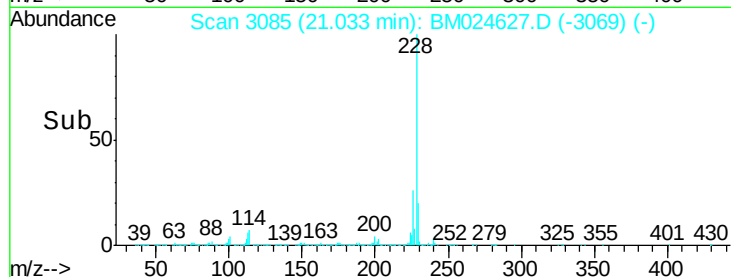
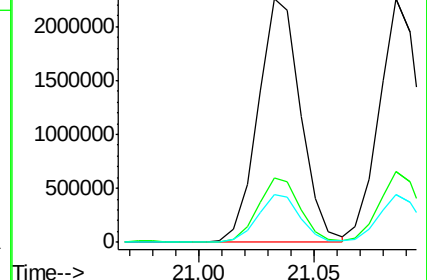
229 19.7 15.8 23.6



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: 27.989 ng

RT: 20.98 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

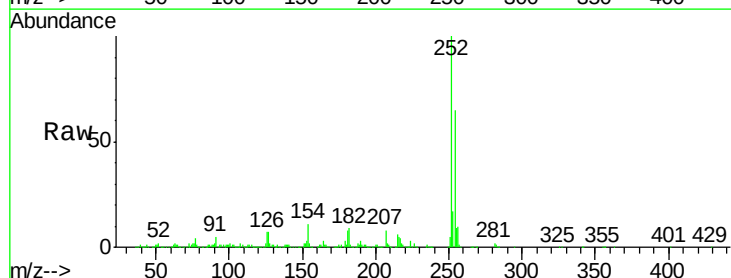
Tgt Ion:252 Resp: 787382

Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

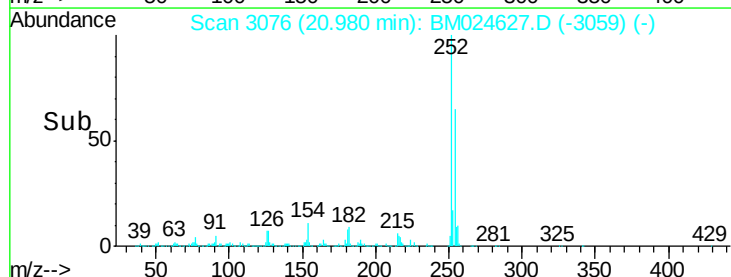
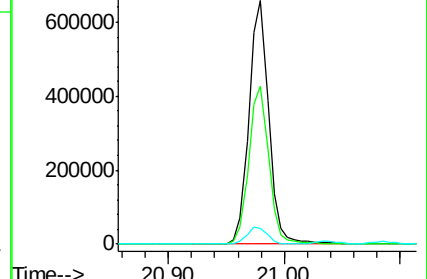
126 6.7 6.7 10.1#

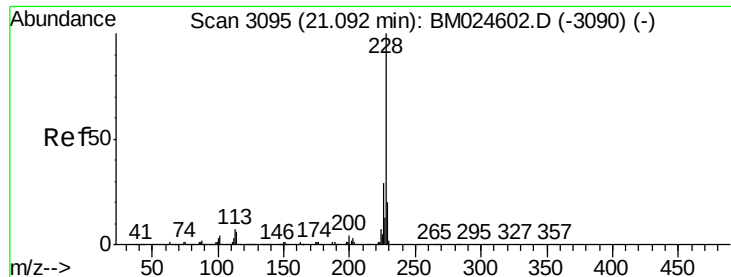


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.621 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

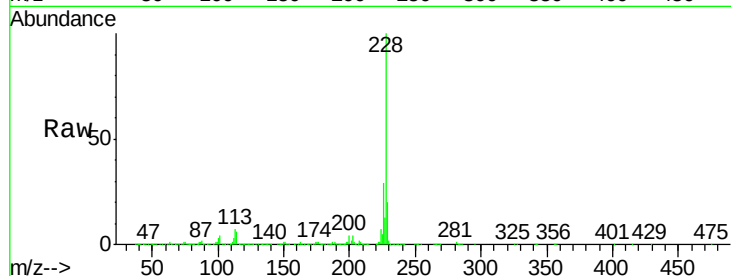
Tot Ion:228 Resp: 2732776

Ion Ratio Lower Upper

228 100

226 29.3 23.2 34.8

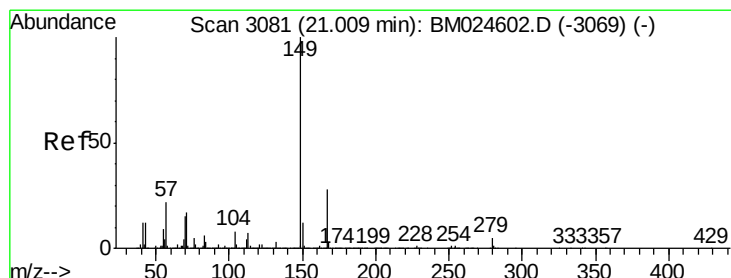
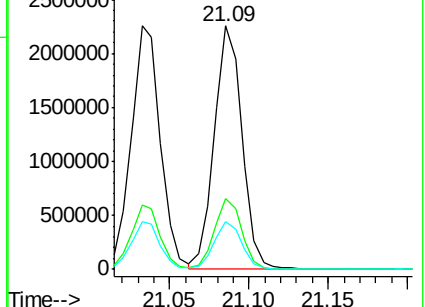
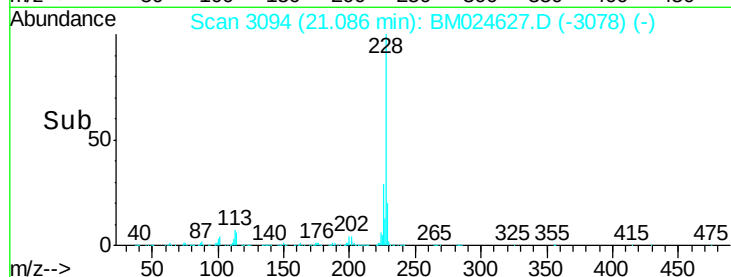
229 19.7 15.7 23.5



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: 32.410 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

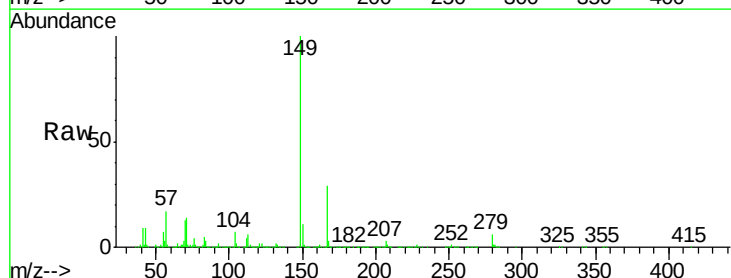
Tgt Ion:149 Resp: 1490571

Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

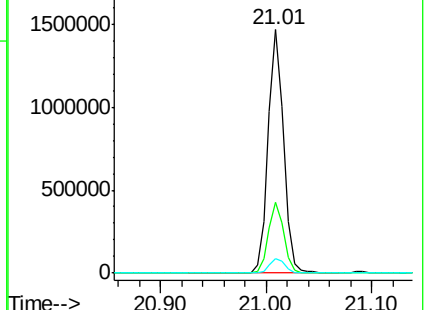
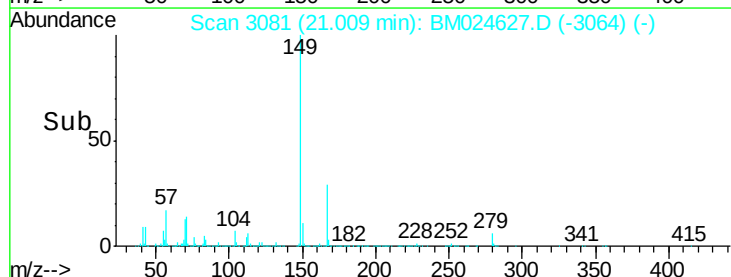
279 5.8 4.0 6.0

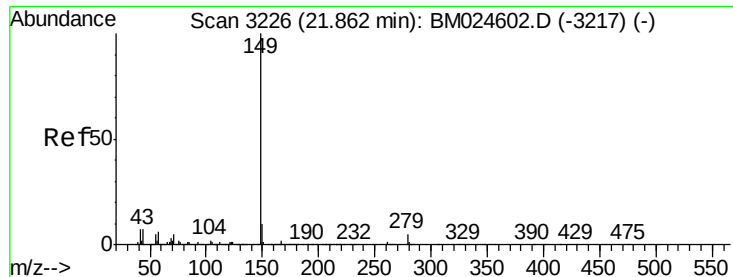


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

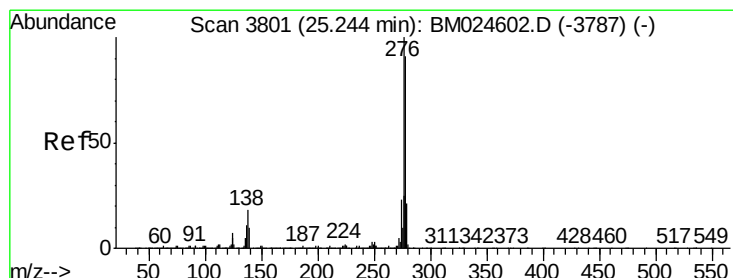
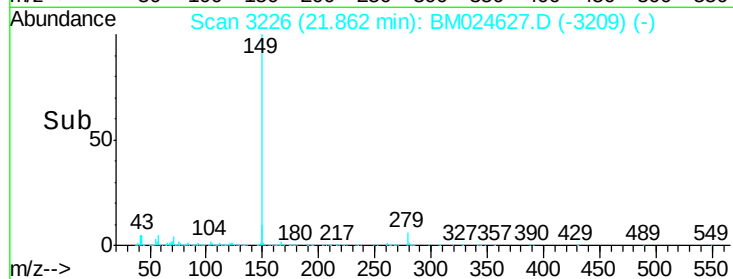
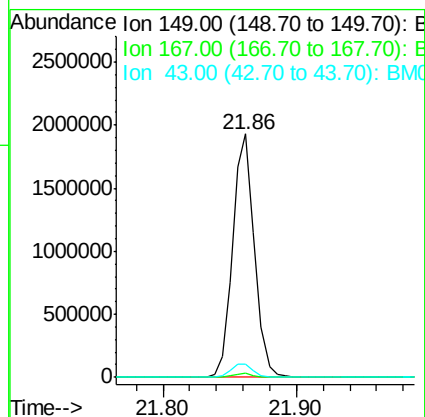
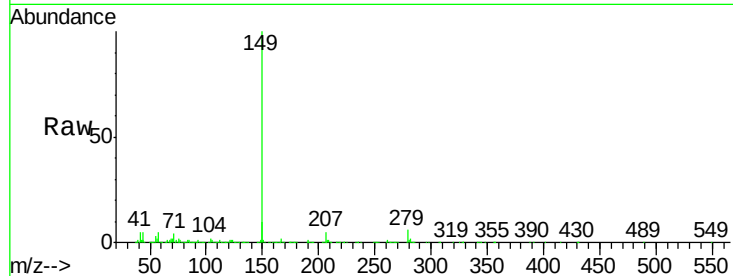




#85
Di-n-octyl phthalate
Concen: 28.867 ng
RT: 21.86 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

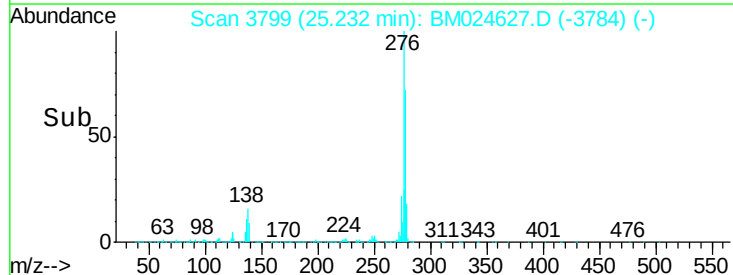
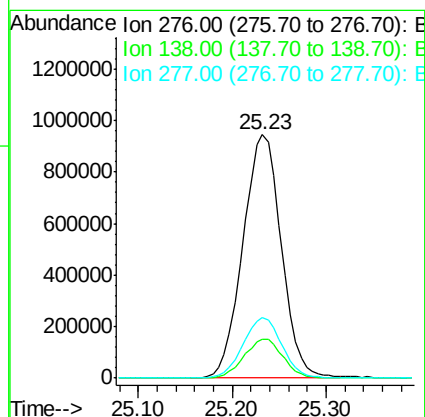
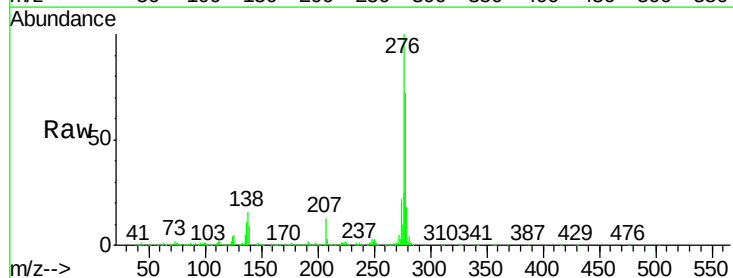
Instrument :
BNA_M
ClientSampled :

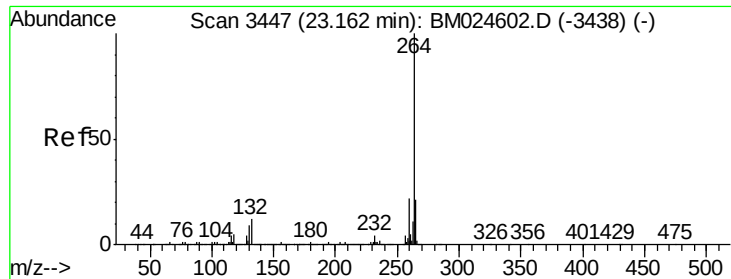
Tot Ion:149 Resp: 2193338
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 5.7 5.8 8.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.937 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion:276 Resp: 2678896
Ion Ratio Lower Upper
276 100
138 16.2 13.4 20.0
277 25.1 19.6 29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

Instrument :

BNA_M

ClientSampleId :

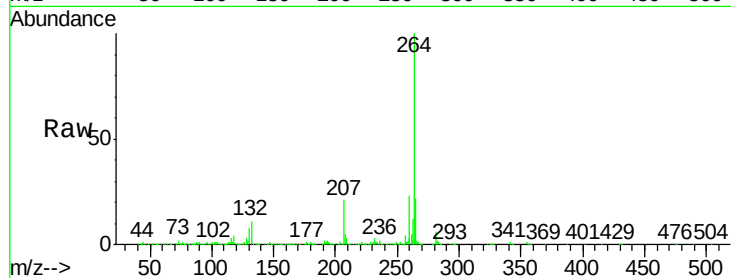
Tot Ion:264 Resp: 1036508

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

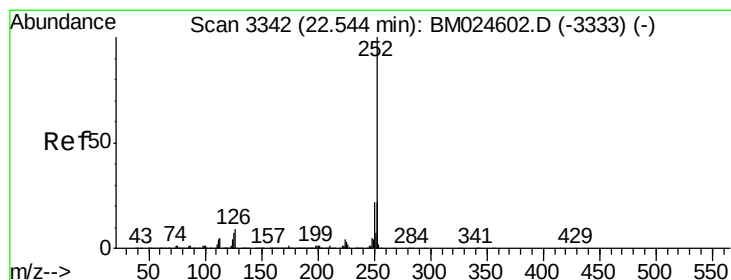
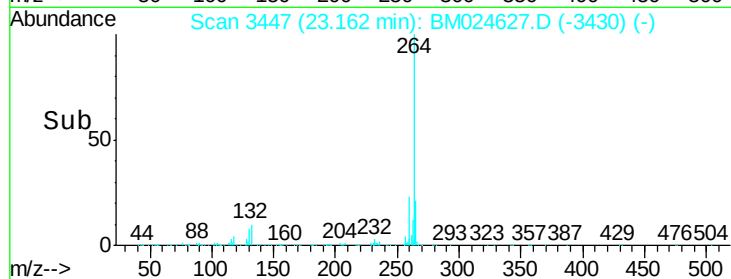
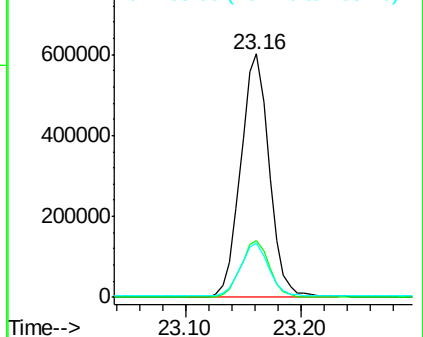
265 22.1 17.3 25.9



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: 37.406 ng

RT: 22.54 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BM024627.D

Acq: 27 Jan 2020 14:39

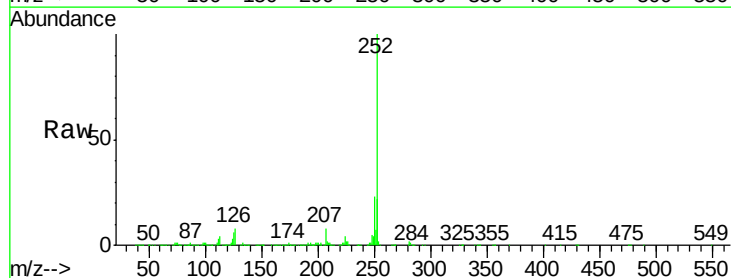
Tgt Ion:252 Resp: 2514641

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

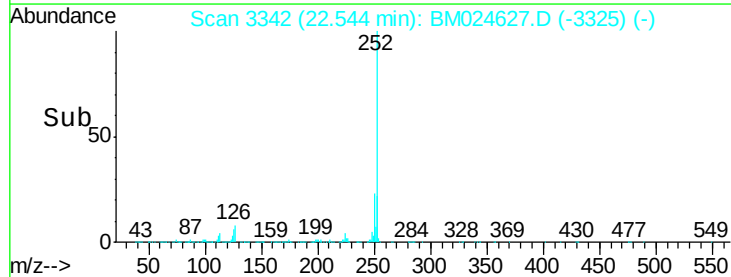
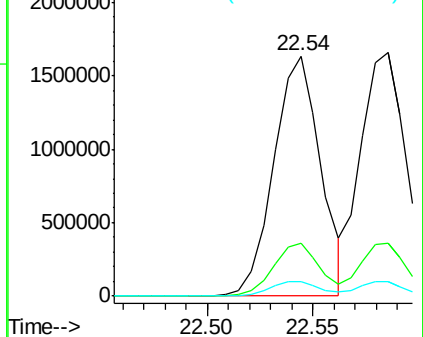
125 6.0 5.7 8.5

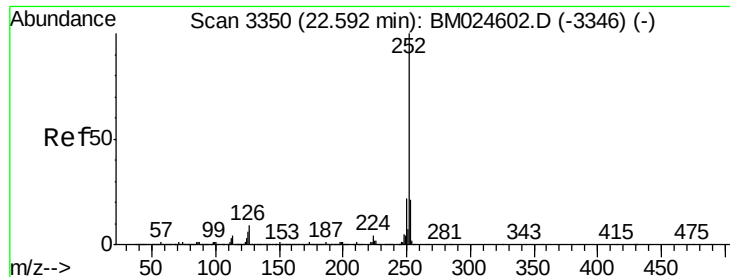


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

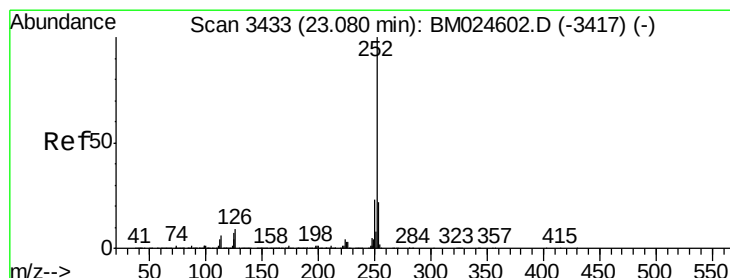
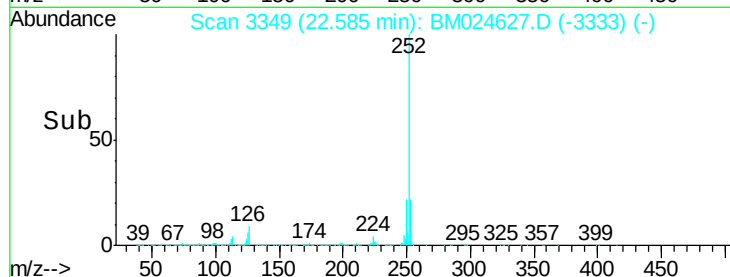
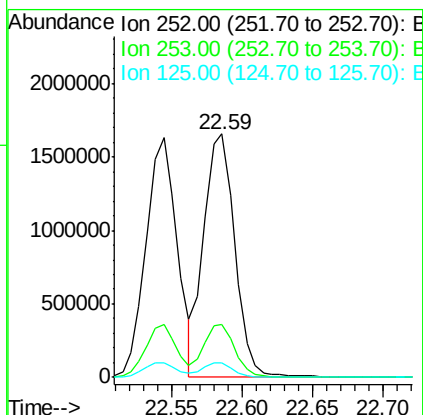
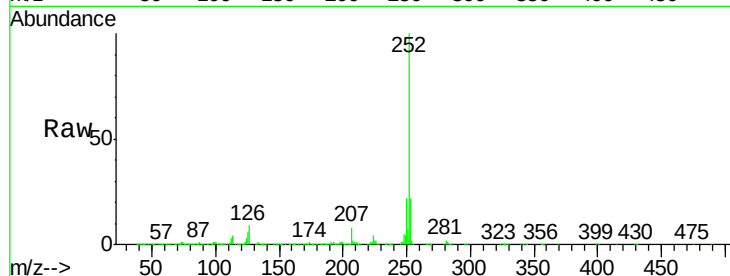




#89
Benzo(k)fluoranthene
Concen: 38.327 ng
RT: 22.59 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

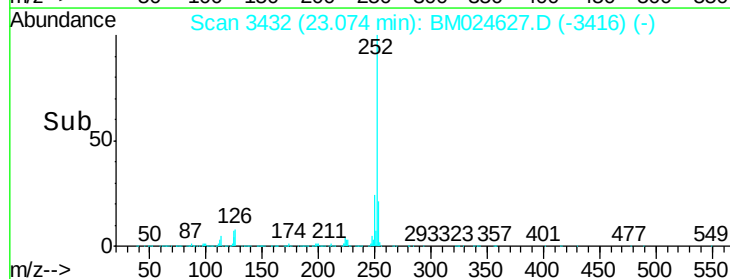
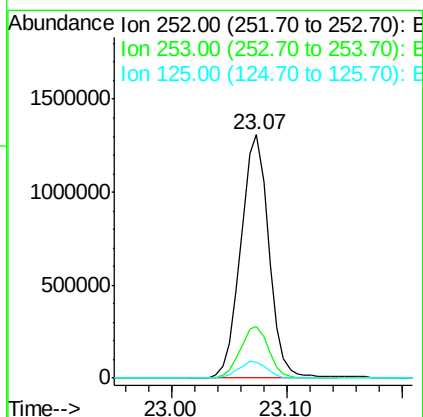
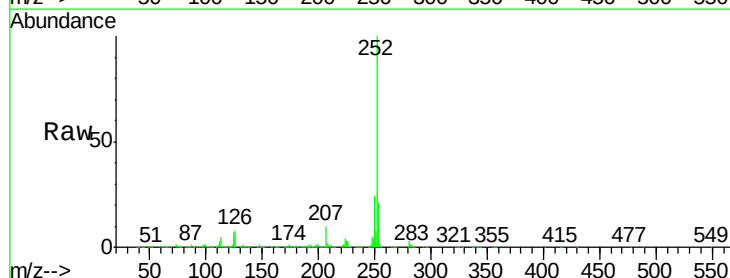
Instrument :
BNA_M
ClientSampleId :

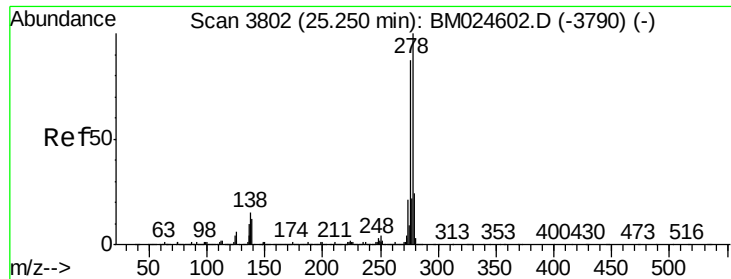
Tot Ion:252 Resp: 2514973
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 6.0 5.2 7.8



#90
Benzo(a)pyrene
Concen: 36.284 ng
RT: 23.07 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion:252 Resp: 2217660
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 6.7 5.8 8.8



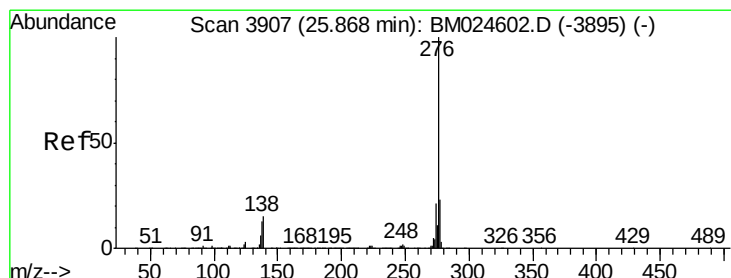
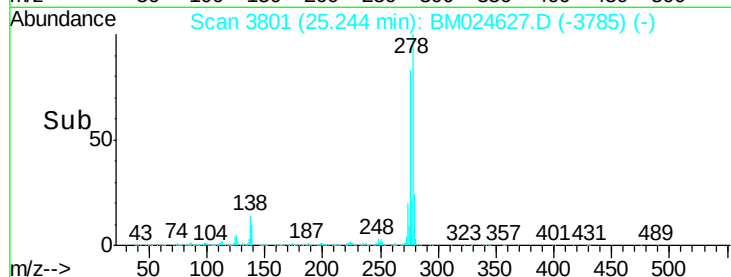
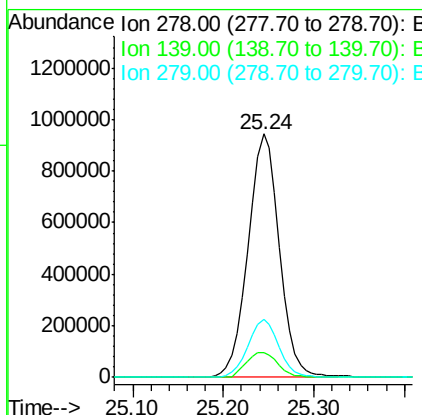
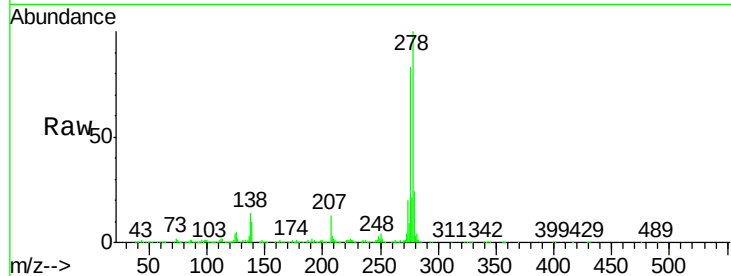


#91
Dibenzo(a,h)anthracene
Concen: 39.088 ng
RT: 25.24 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2267549

Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.3	13.9
279	23.6	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 42.876 ng
RT: 25.86 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM024627.D
Acq: 27 Jan 2020 14:39

Tgt Ion:276 Resp: 2258499

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	14.3	11.9	17.9

