

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091620\
 Data File : BM027441.D
 Acq On : 16 Sep 2020 14:09
 Operator : JU/CG
 Sample : PB131588BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

Quant Time: Sep 16 14:41:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	121080	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	432725	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	294323	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	682861	20.00	ng	0.00
76) Chrysene-d12	21.15	240	765048	20.00	ng	0.00
86) Perylene-d12	23.31	264	741636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	734727	101.03	ng	0.00
7) Phenol-d6	6.75	99	920515	93.79	ng	0.00
23) Nitrobenzene-d5	8.70	82	723852	71.46	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	490571	95.06	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1529885	69.13	ng	0.00
79) Terphenyl-d14	19.59	244	2784631	63.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	181826	58.637	ng	99
3) Pyridine	3.53	79	253990	28.197	ng	98
4) n-Nitrosodimethylamine	3.45	42	126304	35.528	ng	# 100
6) Aniline	6.89	93	376386	31.551	ng	98
8) 2-Chlorophenol	7.13	128	286954	38.759	ng	97
9) Benzaldehyde	6.70	77	225347	29.186	ng	97
10) Phenol	6.78	94	372302	39.478	ng	96
11) bis(2-Chloroethyl)ether	6.99	93	290029	36.545	ng	98
12) 1,3-Dichlorobenzene	7.45	146	333598	36.200	ng	100
13) 1,4-Dichlorobenzene	7.59	146	340220	36.717	ng	99
14) 1,2-Dichlorobenzene	7.90	146	323700	36.356	ng	100
15) Benzyl Alcohol	7.80	79	302268	35.838	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.08	45	214080	35.620	ng	98
17) 2-Methylphenol	8.00	107	242362	37.846	ng	99
18) Hexachloroethane	8.62	117	132955	35.806	ng	97
19) n-Nitroso-di-n-propylamine	8.36	70	263930	33.770	ng	98
20) 3+4-Methylphenols	8.33	107	325536	37.259	ng	97
22) Acetophenone	8.37	105	449112	36.866	ng	# 97
24) Nitrobenzene	8.74	77	396970	37.646	ng	99
25) Isophorone	9.27	82	641727	36.013	ng	98
26) 2-Nitrophenol	9.45	139	149085	38.088	ng	97
27) 2,4-Dimethylphenol	9.52	122	249335	37.298	ng	97
28) bis(2-Chloroethoxy)methane	9.75	93	371651	36.355	ng	98
29) 2,4-Dichlorophenol	9.98	162	293785	38.169	ng	98
30) 1,2,4-Trichlorobenzene	10.19	180	336641	36.631	ng	96
31) Naphthalene	10.37	128	845524	36.477	ng	99
32) Benzoic acid	9.66	122	137821	31.350	ng	95
33) 4-Chloroaniline	10.49	127	269220	27.357	ng	97
34) Hexachlorobutadiene	10.67	225	222652	35.852	ng	98
35) Caprolactam	11.27	113	42889	18.934	ng	98
36) 4-Chloro-3-methylphenol	11.62	107	305399	36.930	ng	97
37) 2-Methylnaphthalene	11.99	142	656058	36.120	ng	100
38) 1-Methylnaphthalene	12.22	142	619404	36.320	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	402461	37.982	ng	98

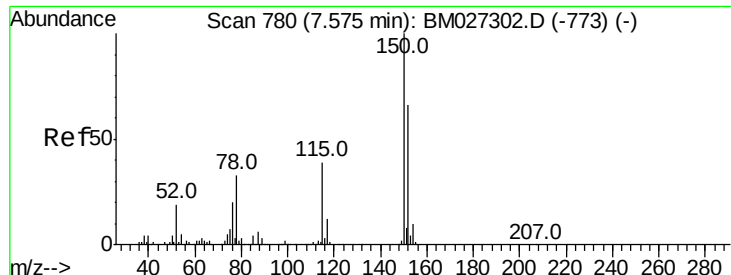
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091620\
 Data File : BM027441.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	546314	78.338	ng	98
43) 2,4,6-Trichlorophenol	12.62	196	257821	39.686	ng	98
44) 2,4,5-Trichlorophenol	12.69	196	276871	39.205	ng	98
46) 1,1'-Biphenyl	13.02	154	887341	38.093	ng	99
47) 2-Chloronaphthalene	13.06	162	692163	37.476	ng	99
48) 2-Nitroaniline	13.27	65	225105	39.858	ng	99
49) Acenaphthylene	13.92	152	1091808	39.021	ng	99
50) Dimethylphthalate	13.66	163	920313	38.042	ng	99
51) 2,6-Dinitrotoluene	13.77	165	199148	38.645	ng	97
52) Acenaphthene	14.26	154	656658	37.829	ng	99
53) 3-Nitroaniline	14.10	138	135202	27.725	ng	99
54) 2,4-Dinitrophenol	14.32	184	218385	64.820	ng	99
55) Dibenzofuran	14.60	168	1106541	37.685	ng	99
56) 4-Nitrophenol	14.43	139	320666	78.668	ng	95
57) 2,4-Dinitrotoluene	14.57	165	287306	40.235	ng	99
58) Fluorene	15.25	166	911709	36.991	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	271385	39.751	ng	98
60) Diethylphthalate	15.04	149	941870	37.853	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	505564	37.339	ng	100
62) 4-Nitroaniline	15.27	138	184461	34.549	ng	97
63) Azobenzene	15.55	77	991748	38.535	ng	98
65) 4,6-Dinitro-2-methylphenol	15.34	198	155279	35.432	ng	97
66) n-Nitrosodiphenylamine	15.47	169	807605	38.233	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	319843	37.937	ng	98
68) Hexachlorobenzene	16.26	284	370695	37.667	ng	99
69) Atrazine	16.43	200	274023	44.349	ng	99
70) Pentachlorophenol	16.60	266	467467	78.547	ng	98
71) Phenanthrene	16.99	178	1517625	38.220	ng	100
72) Anthracene	17.07	178	1553825	38.773	ng	99
73) Carbazole	17.35	167	1358197	38.825	ng	99
74) Di-n-butylphthalate	17.93	149	1653960	39.304	ng	100
75) Fluoranthene	19.01	202	1864231	38.703	ng	100
77) Benzidine	19.20	184	961963	40.772	ng	99
78) Pyrene	19.37	202	1938325	37.151	ng	100
80) Butylbenzylphthalate	20.30	149	768241	35.712	ng	97
81) Benzo(a)anthracene	21.13	228	1982705	38.817	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	620770	30.056	ng	99
83) Chrysene	21.19	228	1914617	38.572	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	1151922	40.647	ng	99
85) Di-n-octyl phthalate	21.95	149	1949001	41.317	ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2345126	46.631	ng	100
88) Benzo(b)fluoranthene	22.67	252	2031813	39.386	ng	100
89) Benzo(k)fluoranthene	22.72	252	2036821	40.840	ng	99
90) Benzo(a)pyrene	23.22	252	1836360	42.089	ng	100
91) Dibenzo(a,h)anthracene	25.47	278	1968807	46.347	ng	99
92) Benzo(g,h,i)perylene	26.12	276	1965957	48.024	ng	99

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

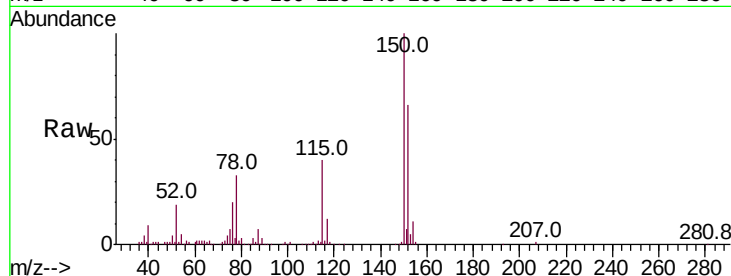


#1

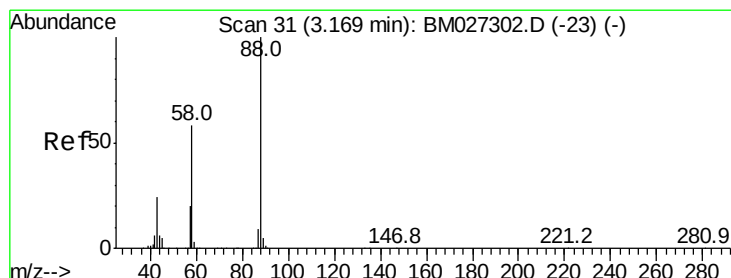
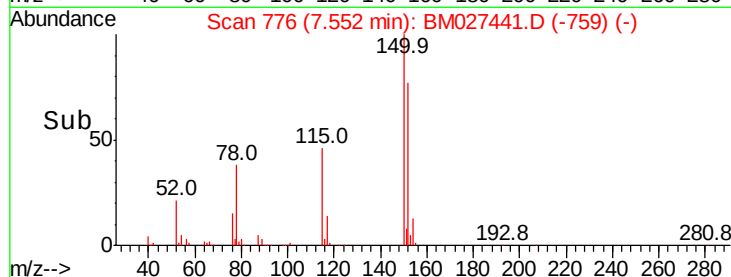
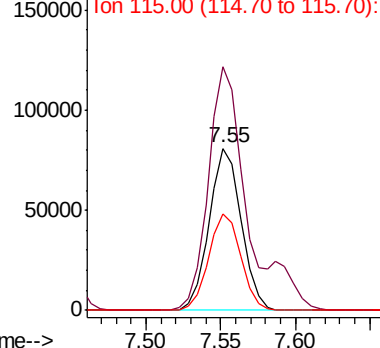
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Instrument :
BNA_M
ClientSampleId :
PB131588BSD

Tot Ion:152 Resp: 121080
Ion Ratio Lower Upper
152 100
150 150.5 120.6 181.0
115 59.9 47.2 70.8



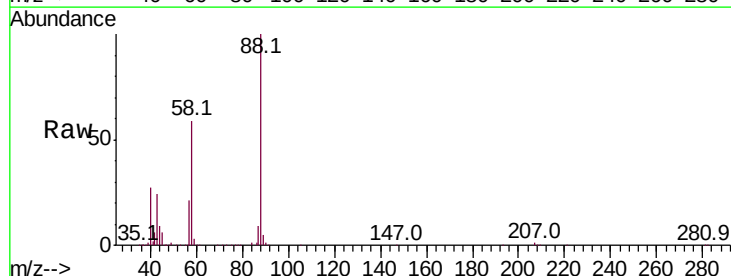
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



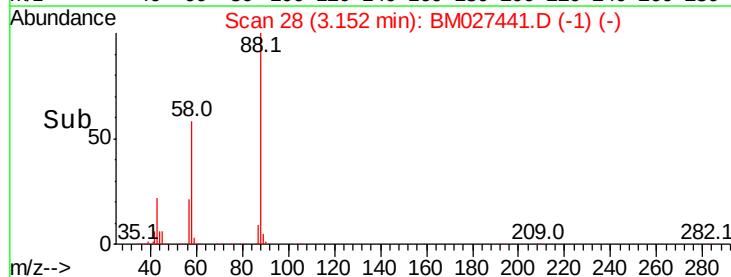
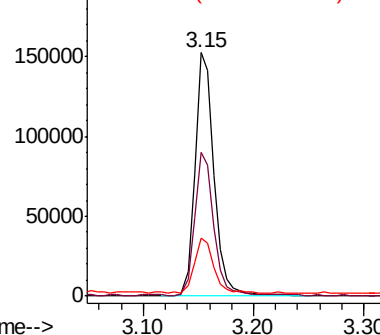
#2

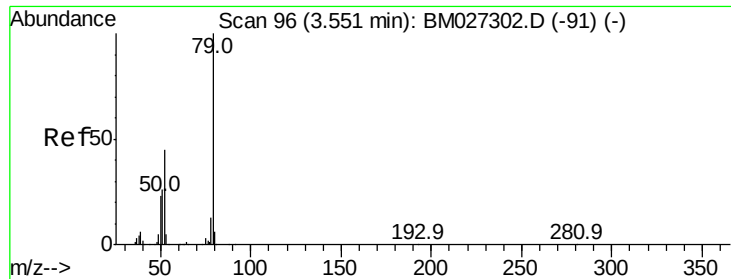
1,4-Dioxane
Concen: 58.637 ng
RT: 3.15 min Scan# 28
Delta R.T. -0.01 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 88 Resp: 181826
Ion Ratio Lower Upper
88 100
58 58.6 46.2 69.2
43 23.4 19.0 28.6



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: 28.197 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

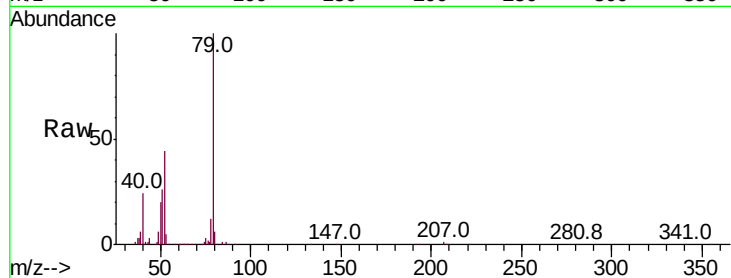
Tot Ion: 79 Resp: 253990

Ion Ratio Lower Upper

79 100

52 43.8 35.8 53.8

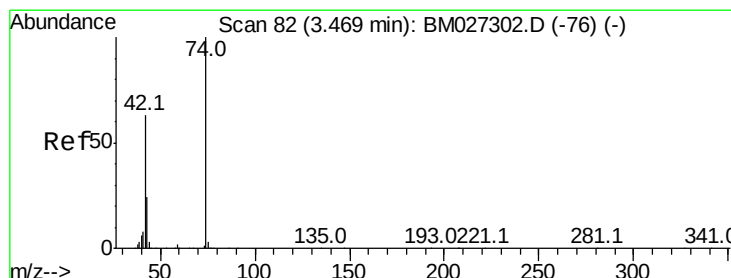
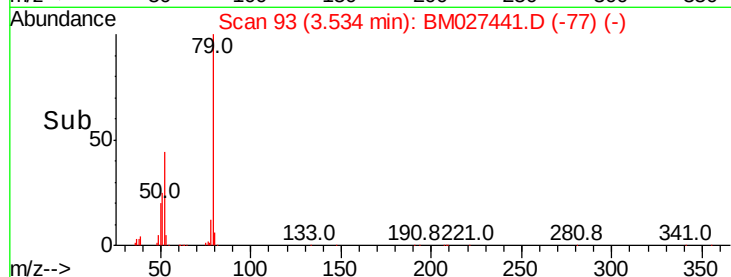
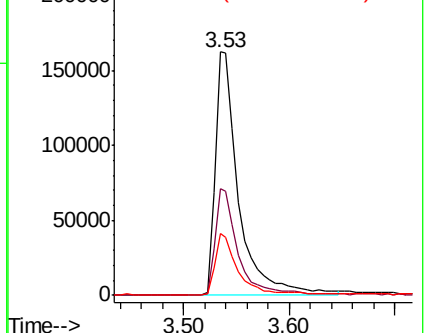
51 25.5 21.0 31.6



Abundance Ion 79.00 (78.70 to 79.70): BM027302.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM027302.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM027302.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 35.528 ng

RT: 3.45 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

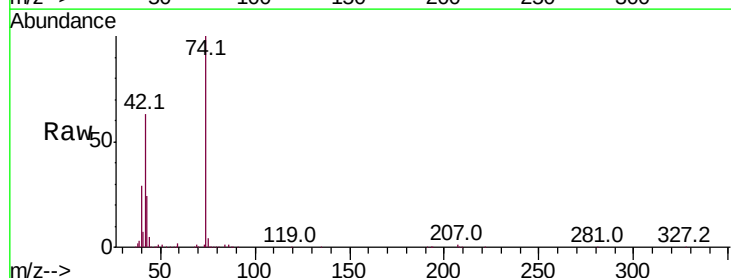
Tgt Ion: 42 Resp: 126304

Ion Ratio Lower Upper

42 100

74 159.5 127.8 191.6

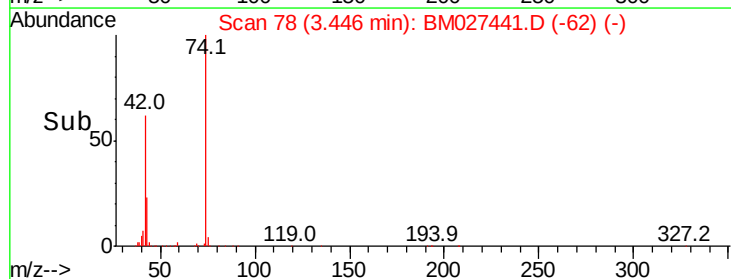
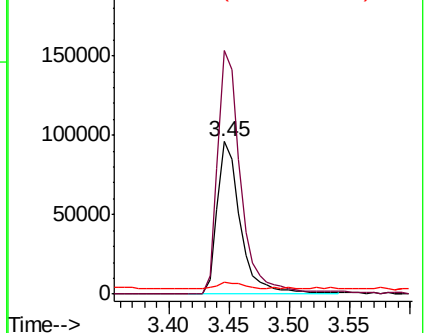
44 8.0 4.1 6.1

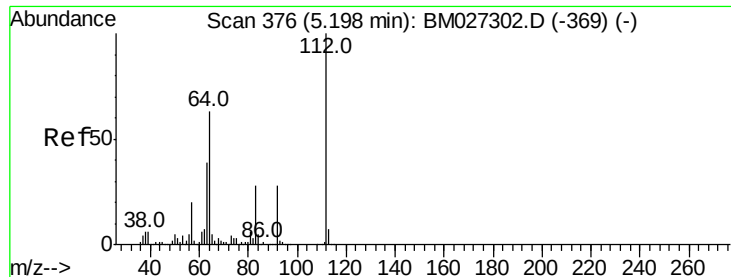


Abundance Ion 42.00 (41.70 to 42.70): BM027302.D (-76) (-)

Ion 74.00 (73.70 to 74.70): BM027302.D (-76) (-)

Ion 44.00 (43.70 to 44.70): BM027302.D (-76) (-)





#5

2-Fluorophenol

Concen: 101.026 ng

RT: 5.18 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

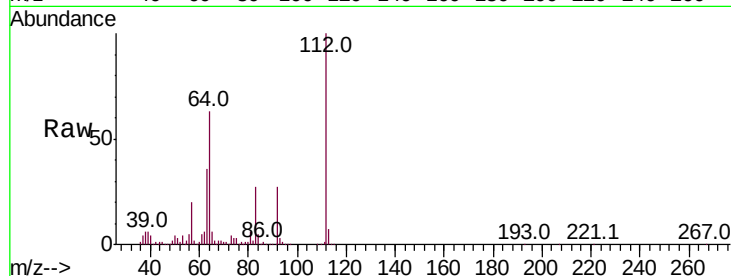
Tot Ion:112 Resp: 734727

Ion Ratio Lower Upper

112 100

64 62.6 50.6 76.0

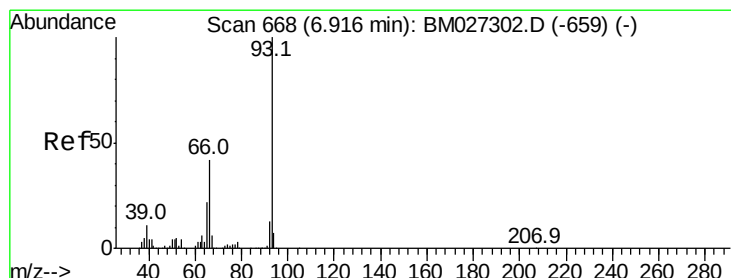
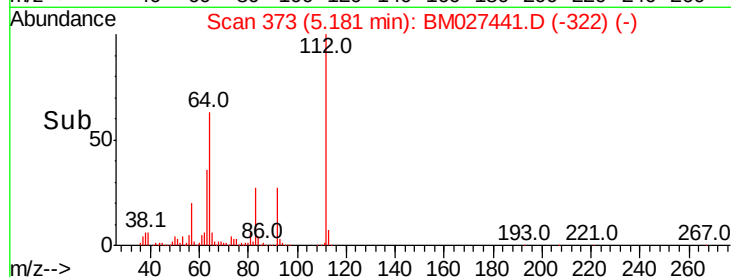
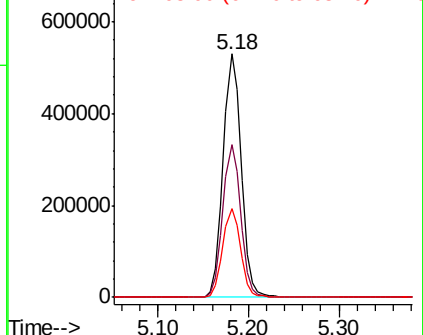
63 36.4 31.0 46.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.551 ng

RT: 6.89 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

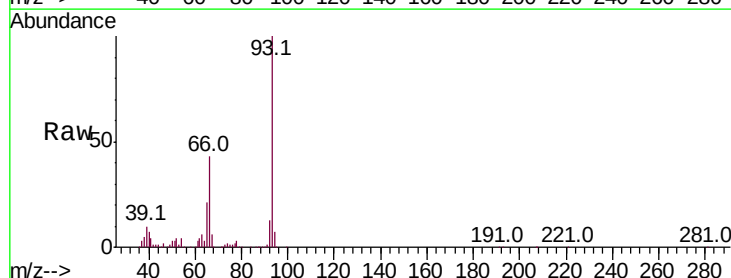
Tgt Ion: 93 Resp: 376386

Ion Ratio Lower Upper

93 100

66 42.8 33.3 49.9

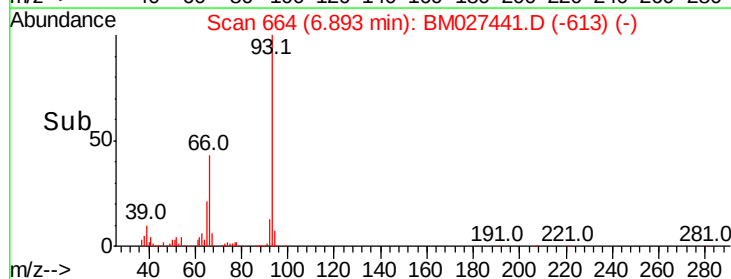
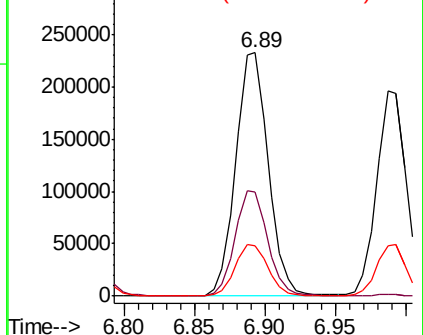
65 20.8 17.4 26.0

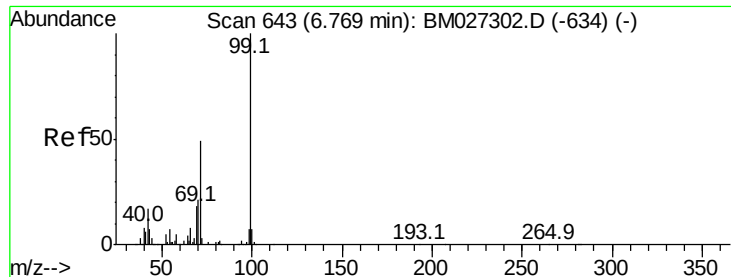


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 93.795 ng

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

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ClientSampleId :

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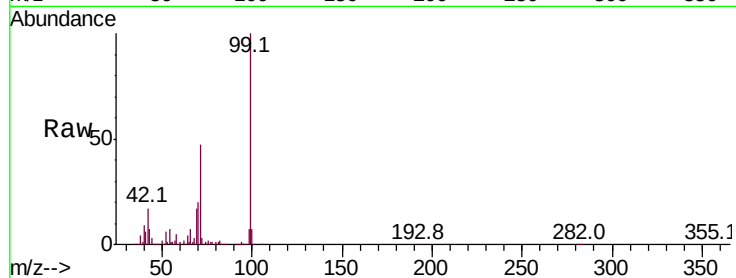
Tot Ion: 99 Resp: 920515

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

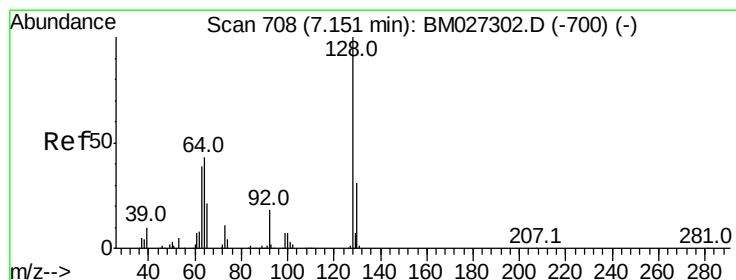
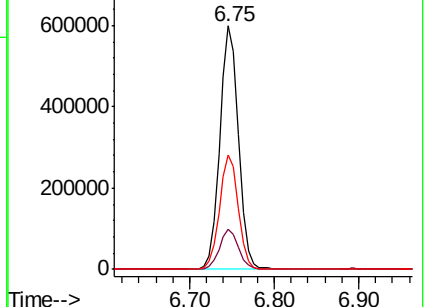
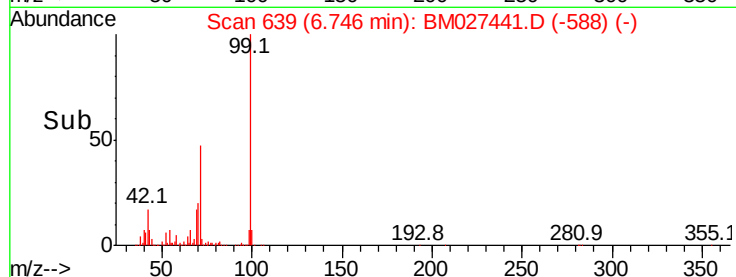
71 47.0 39.4 59.0



Abundance Ion 99.00 (98.70 to 99.70): BM027302.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM027302.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM027302.D (-634) (-)



#8

2-Chlorophenol

Concen: 38.759 ng

RT: 7.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

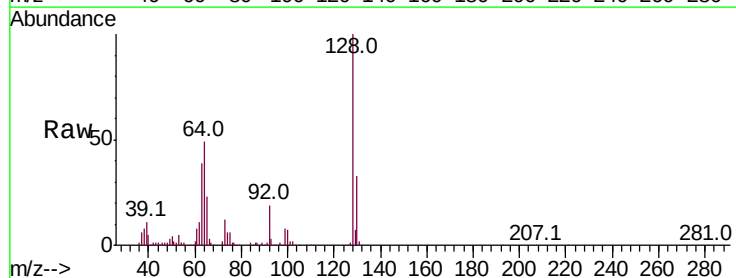
Tgt Ion: 128 Resp: 286954

Ion Ratio Lower Upper

128 100

130 33.3 11.5 51.5

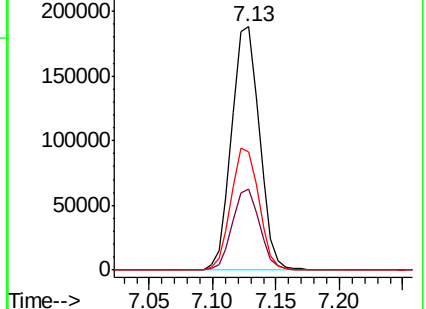
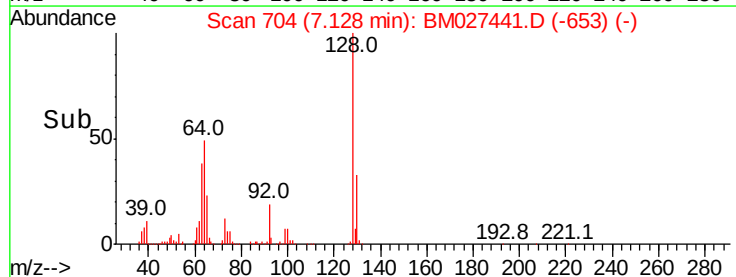
64 48.5 30.1 70.1

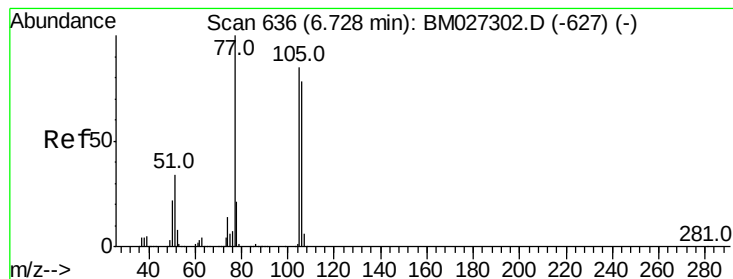


Abundance Ion 128.00 (127.70 to 128.70): BM027302.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM027302.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM027302.D (-700) (-)





#9

Benzaldehyde

Concen: 29.186 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

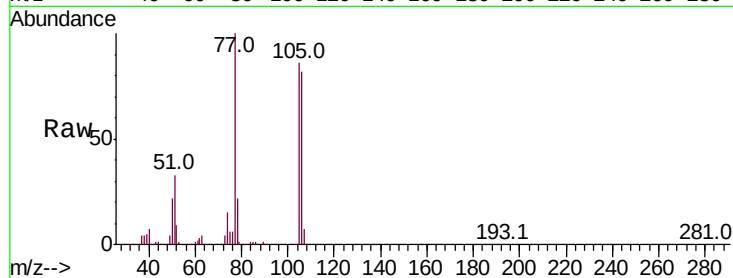
Tot Ion: 77 Resp: 225347

Ion Ratio Lower Upper

77 100

105 85.7 64.7 104.7

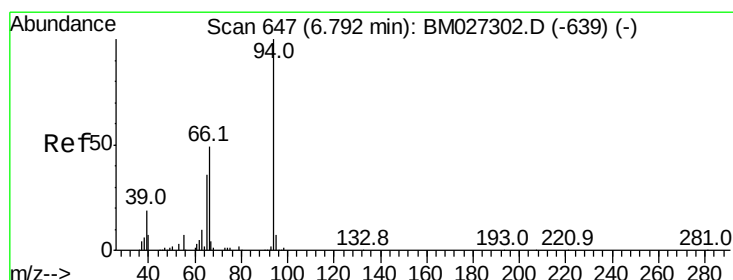
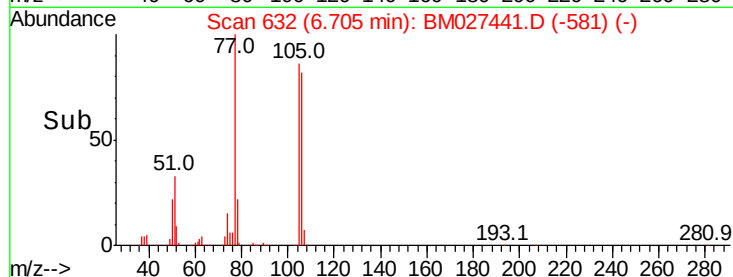
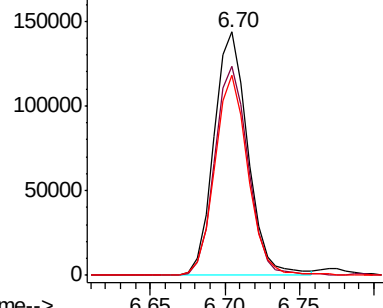
106 82.3 57.5 97.5



Abundance Ion 77.00 (76.70 to 77.70): BM027302.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM027302.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM027302.D (-627) (-)



#10

Phenol

Concen: 39.478 ng

RT: 6.78 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

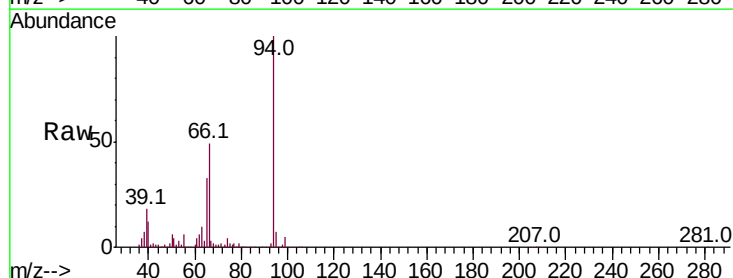
Tgt Ion: 94 Resp: 372302

Ion Ratio Lower Upper

94 100

65 32.9 16.4 56.4

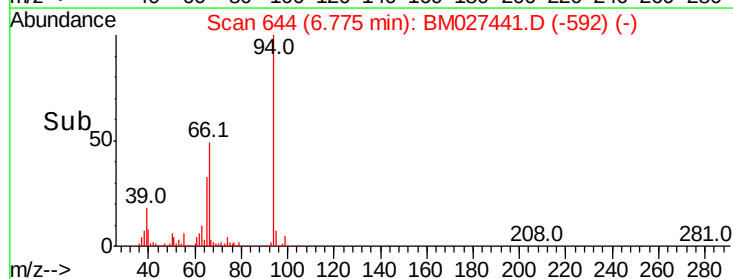
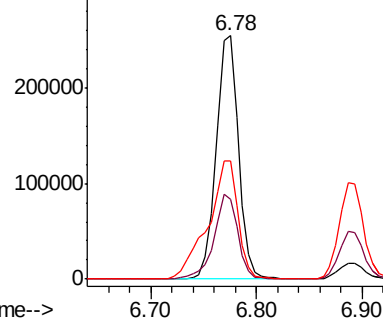
66 48.7 30.2 70.2

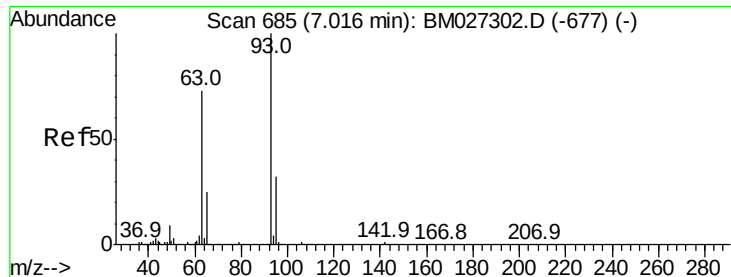


Abundance Ion 94.00 (93.70 to 94.70): BM027302.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM027302.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM027302.D (-639) (-)

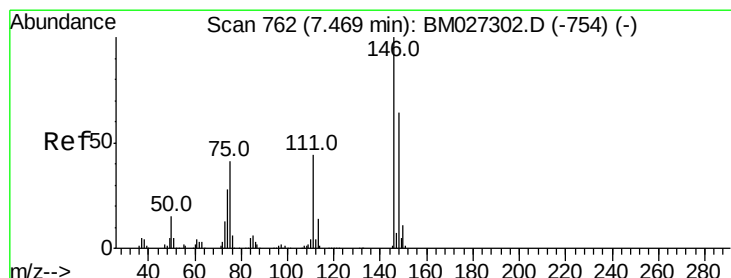
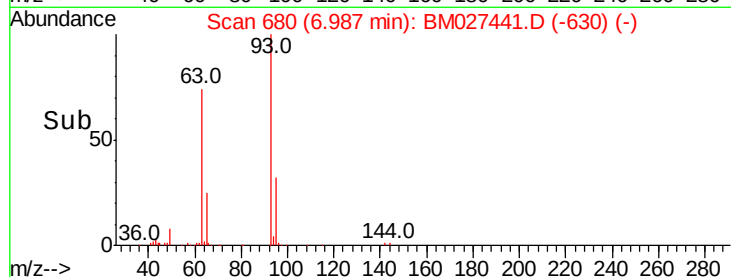
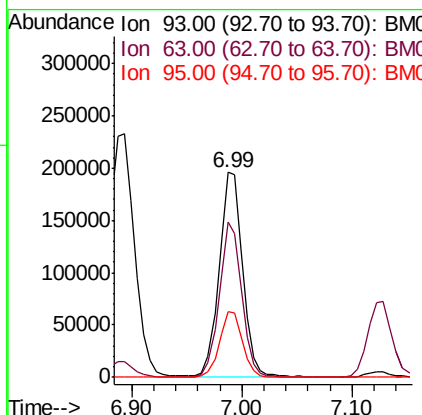
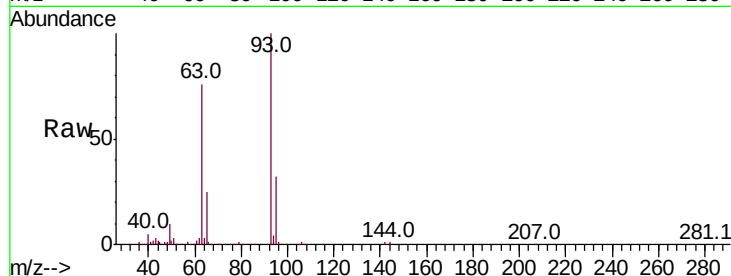




#11
bis(2-Chloroethyl)ether
Concen: 36.545 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

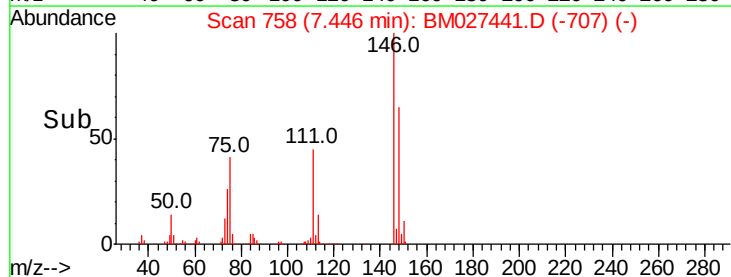
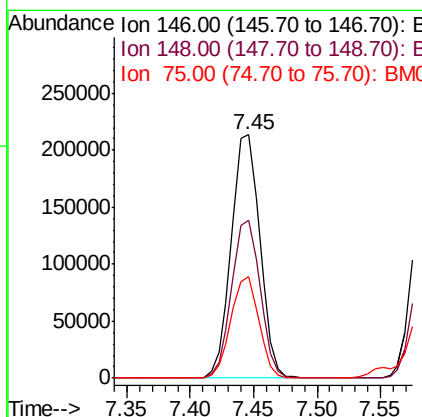
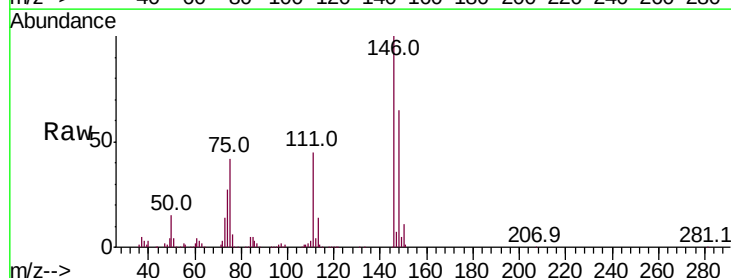
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

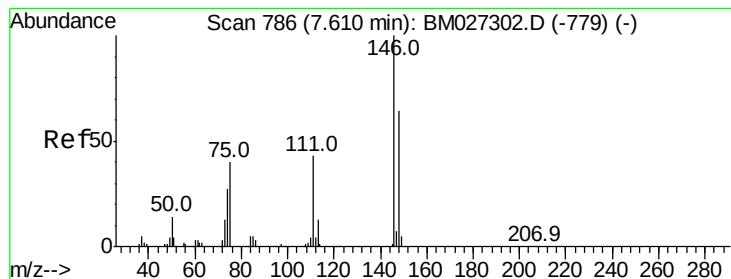
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	53.1	93.1
95	31.8	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 36.200 ng
RT: 7.45 min Scan# 758
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
75	41.7	33.0	49.6





#13

1,4-Dichlorobenzene

Concen: 36.717 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

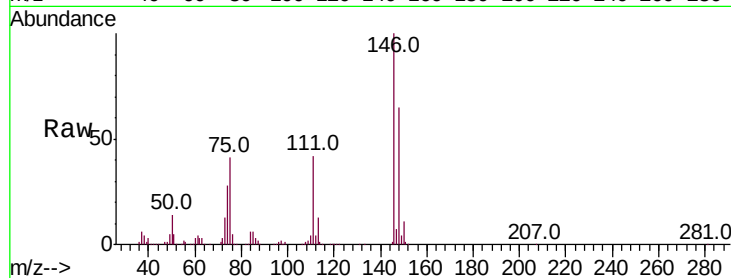
Tot Ion:146 Resp: 340220

Ion Ratio Lower Upper

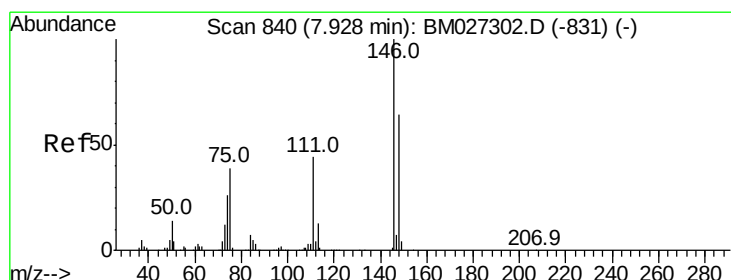
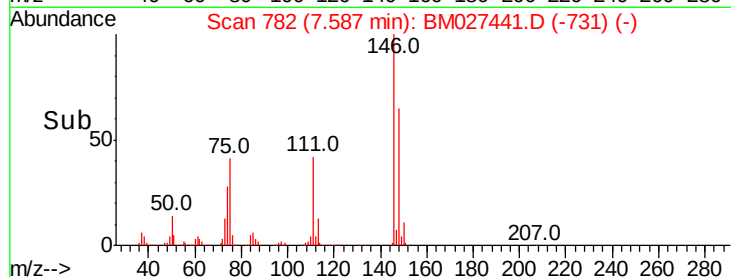
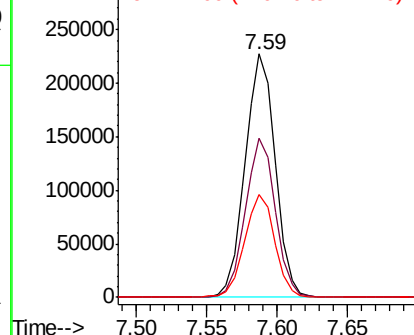
146 100

148 65.4 51.4 77.0

111 42.2 34.4 51.6



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



#14

1,2-Dichlorobenzene

Concen: 36.356 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

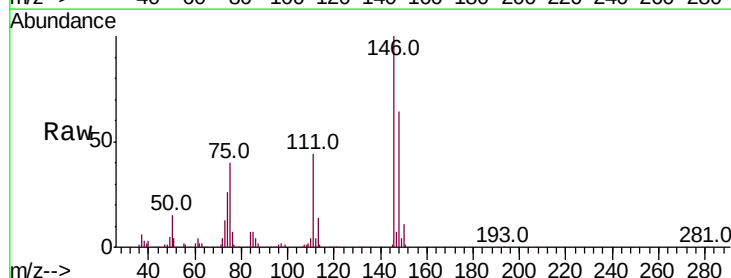
Tgt Ion:146 Resp: 323700

Ion Ratio Lower Upper

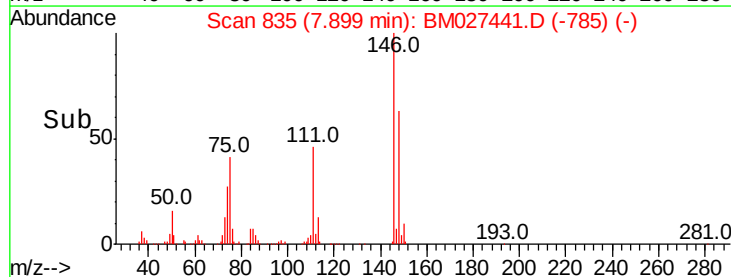
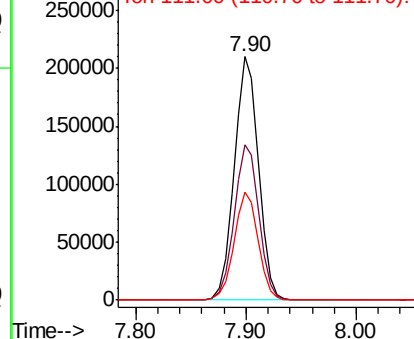
146 100

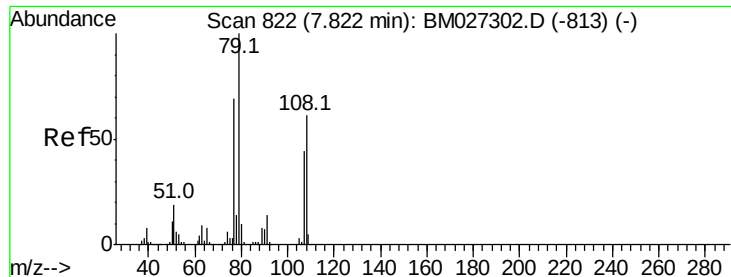
148 64.0 51.3 76.9

111 44.5 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 35.838 ng

RT: 7.80 min Scan# 818

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

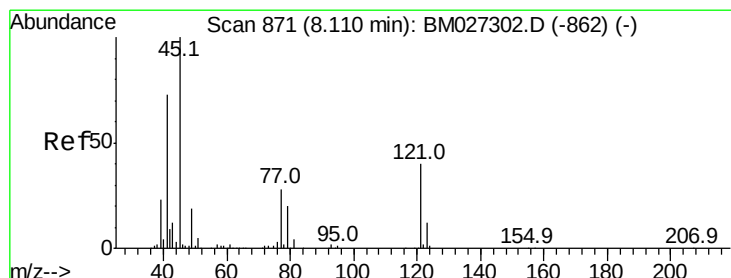
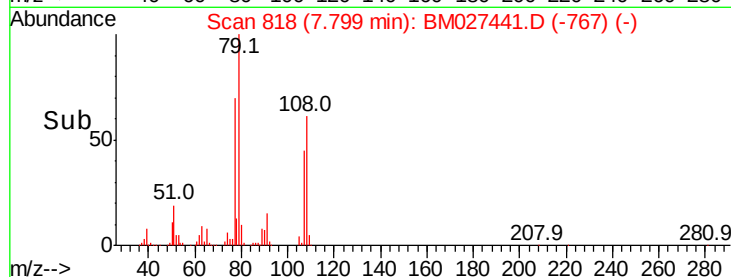
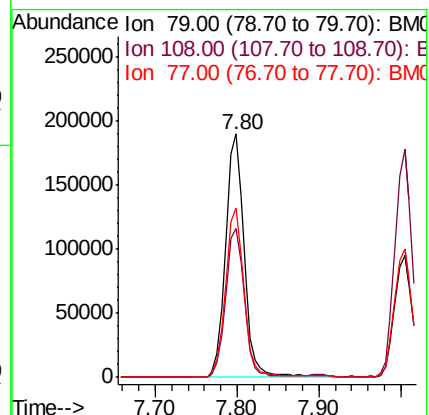
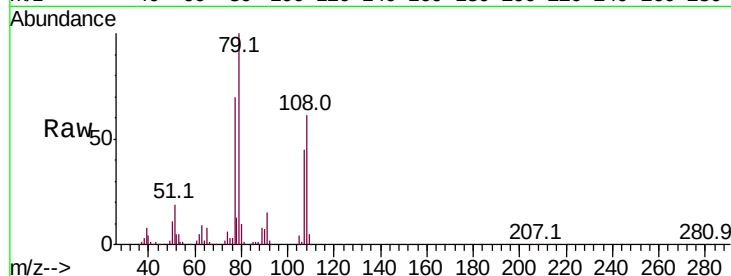
Tot Ion: 79 Resp: 302268

Ion Ratio Lower Upper

79 100

108 61.1 49.0 73.4

77 69.5 55.2 82.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.620 ng

RT: 8.08 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

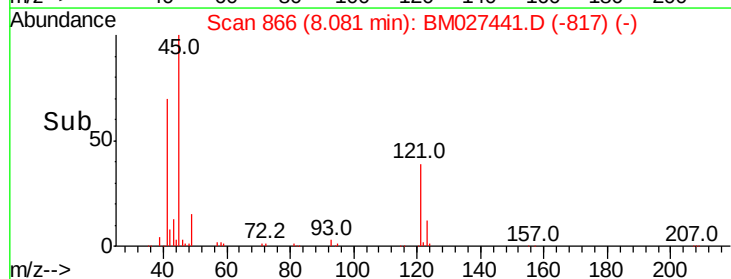
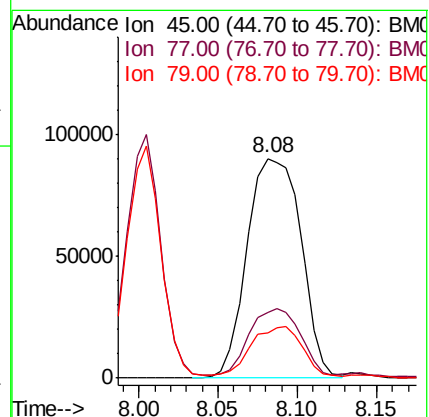
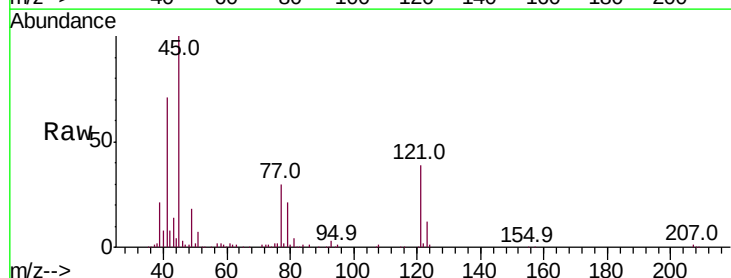
Tgt Ion: 45 Resp: 214080

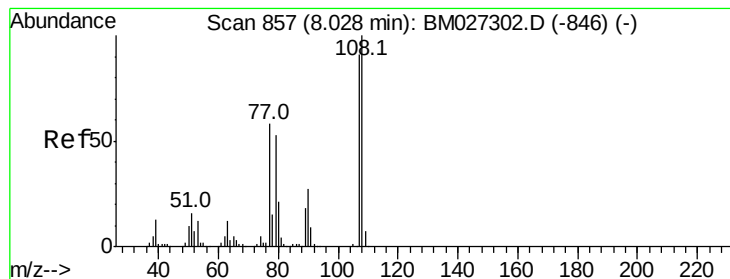
Ion Ratio Lower Upper

45 100

77 30.2 9.5 49.5

79 20.8 1.8 41.8





#17

2-Methylphenol

Concen: 37.846 ng

RT: 8.00 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

Tot Ion:107 Resp: 242362

Ion Ratio Lower Upper

107 100

108 108.7 87.8 131.6

77 61.1 50.9 76.3

79 58.1 46.6 69.8

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

250000

200000

150000

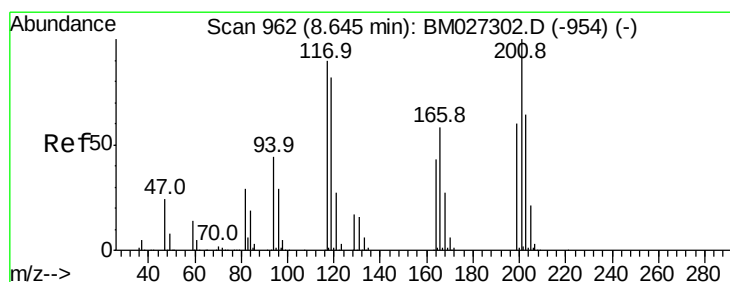
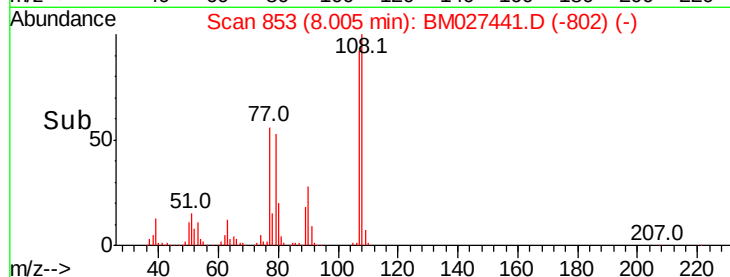
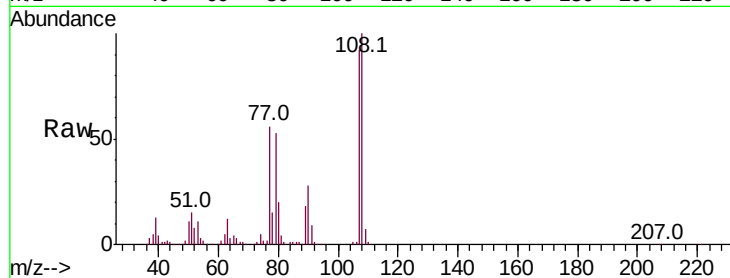
100000

50000

0

8.00

Time-->



#18

Hexachloroethane

Concen: 35.806 ng

RT: 8.62 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Tgt Ion:117 Resp: 132955

Ion Ratio Lower Upper

117 100

119 95.8 73.1 109.7

201 110.0 88.7 133.1

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

120000

100000

80000

60000

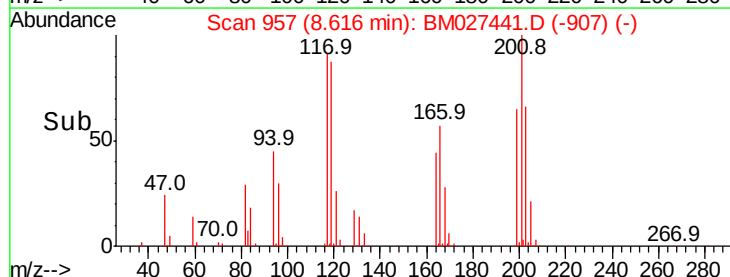
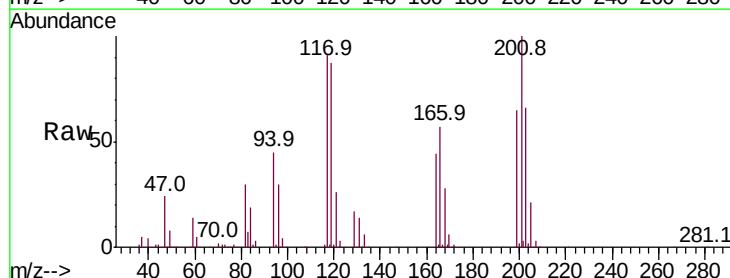
40000

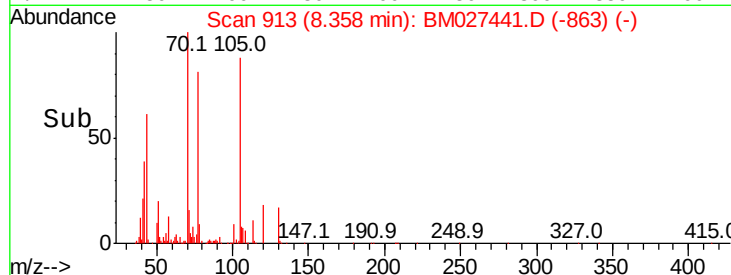
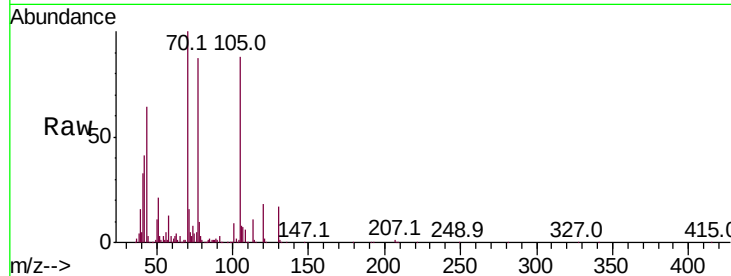
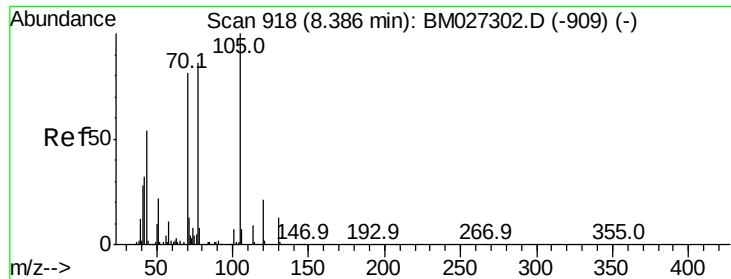
20000

0

8.62

Time-->

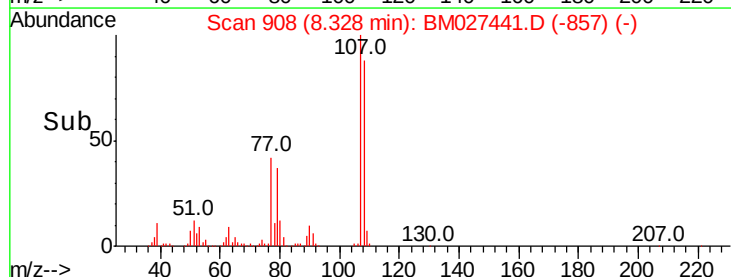
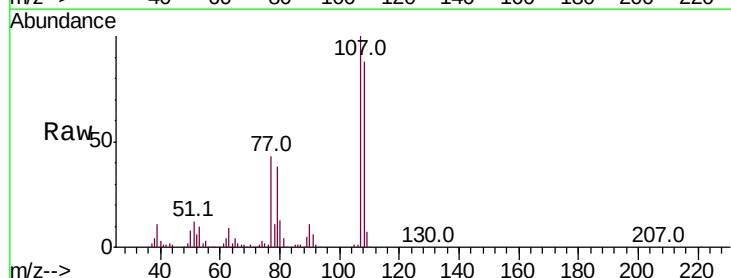
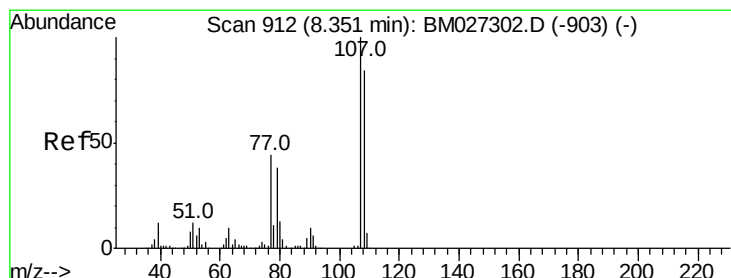
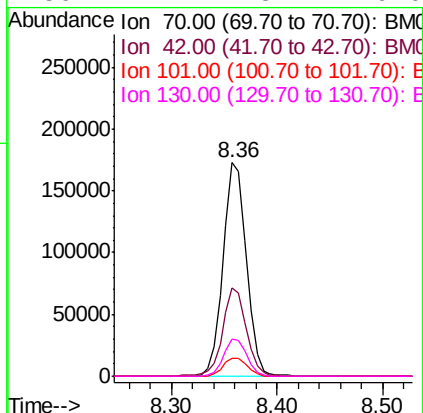




#19
n-Nitroso-di-n-propylamine
Concen: 33.770 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

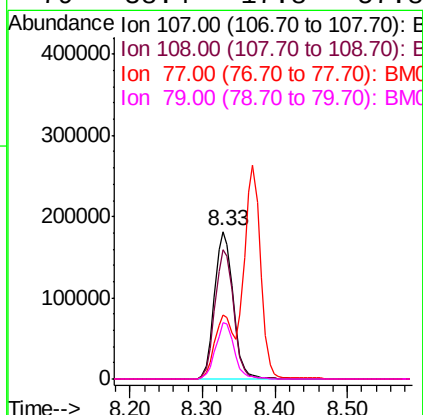
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

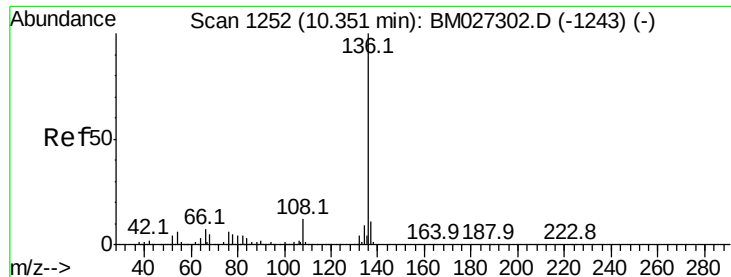
Tot Ion:	70	Resp:	263930
Ion	Ratio	Lower	Upper
70	100		
42	41.1	31.9	47.9
101	8.6	7.0	10.4
130	17.2	13.4	20.0



#20
3+4-Methylphenols
Concen: 37.259 ng
RT: 8.33 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:	107	Resp:	325536
Ion	Ratio	Lower	Upper
107	100		
108	88.1	64.5	104.5
77	43.0	24.2	64.2
79	38.4	17.8	57.8

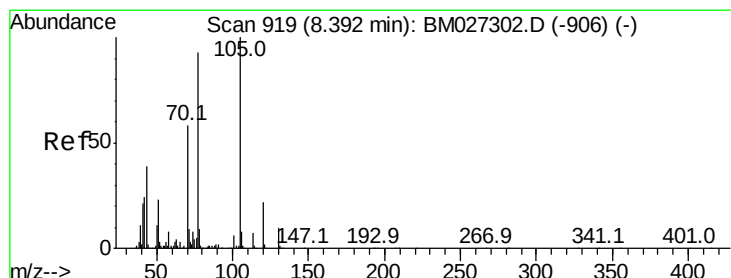
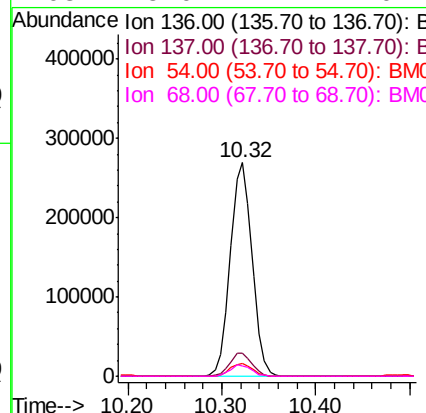
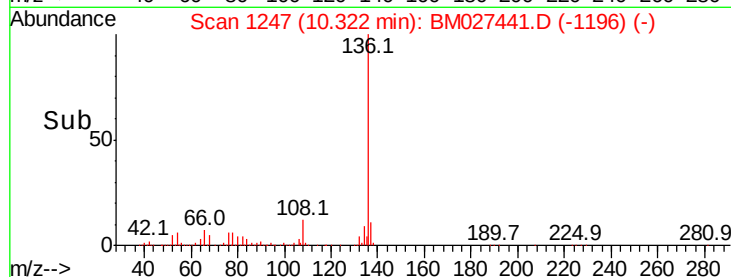
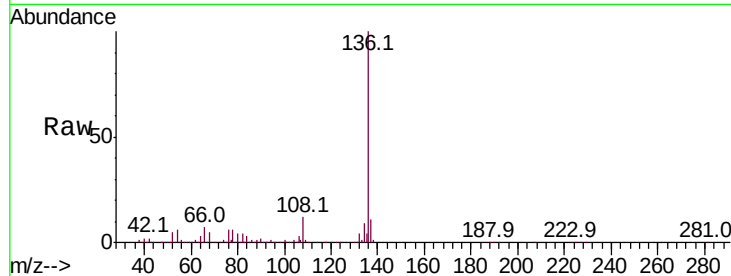




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

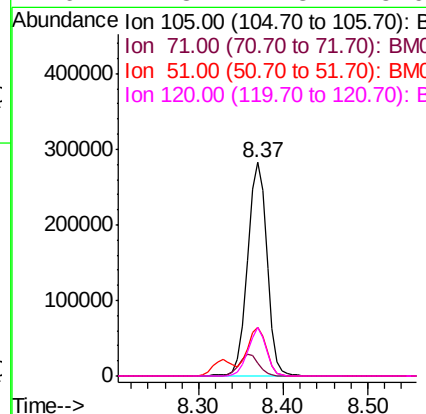
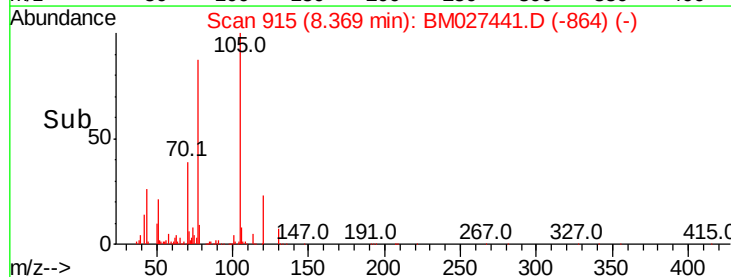
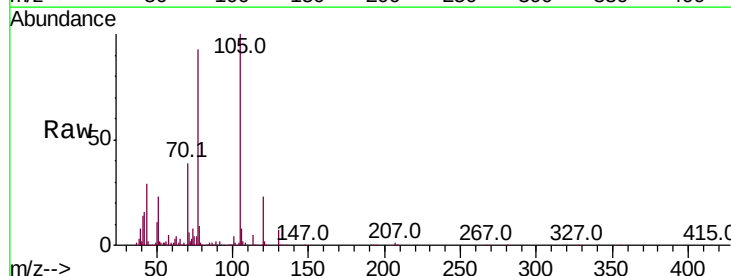
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

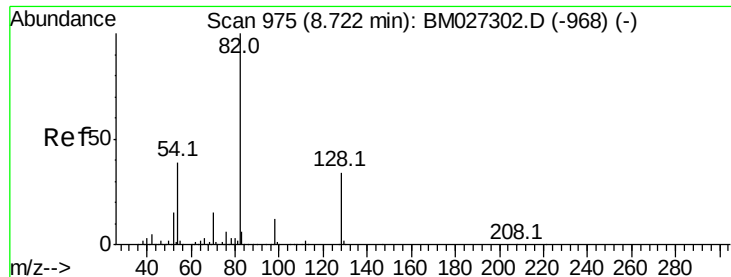
Tot Ion:	136	Resp:	432725
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	6.2	4.6	7.0
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 36.866 ng
RT: 8.37 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:	105	Resp:	449112
Ion	Ratio	Lower	Upper
105	100		
71	5.9	7.6	11.4#
51	22.6	18.6	28.0
120	22.8	17.3	25.9





#23

Nitrobenzene-d5

Concen: 71.463 ng

RT: 8.70 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

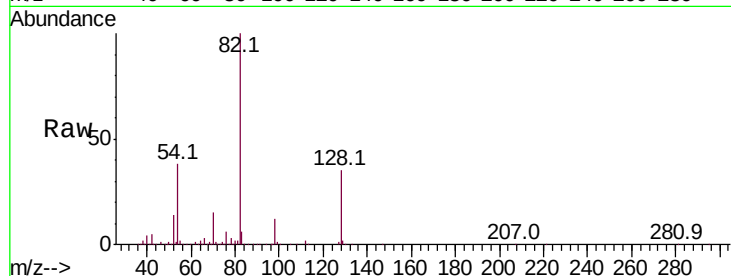
Tot Ion: 82 Resp: 723852

Ion Ratio Lower Upper

82 100

128 35.4 27.4 41.0

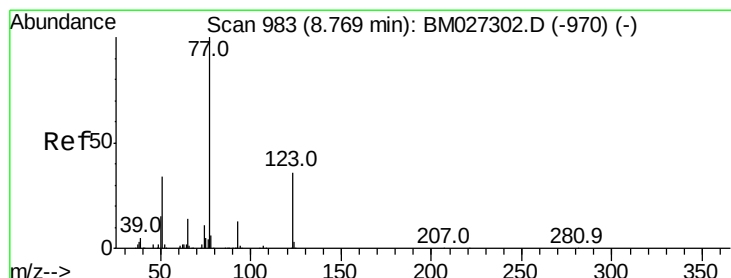
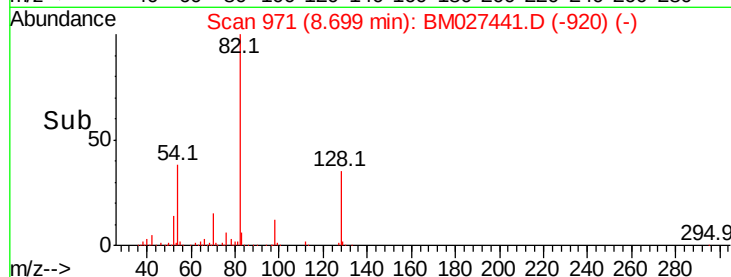
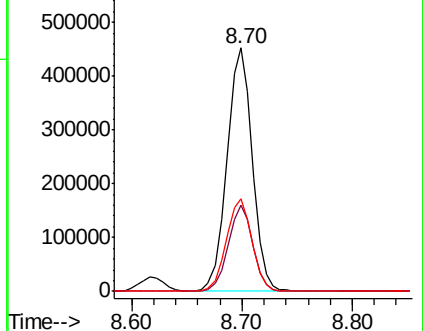
54 38.0 31.4 47.0



Abundance Ion 82.00 (81.70 to 82.70): BM027302.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM027302.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM027302.D (-968) (-)



#24

Nitrobenzene

Concen: 37.646 ng

RT: 8.74 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

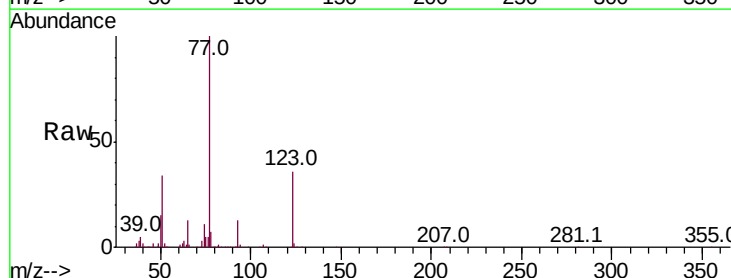
Tgt Ion: 77 Resp: 396970

Ion Ratio Lower Upper

77 100

123 36.0 29.1 43.7

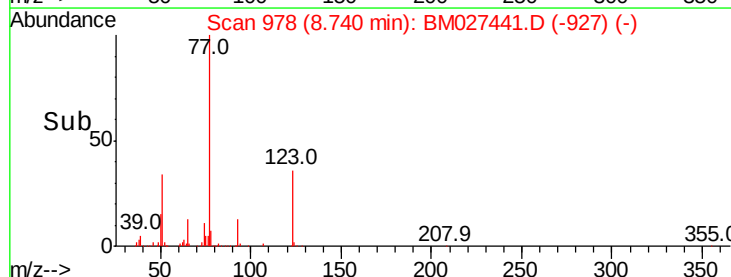
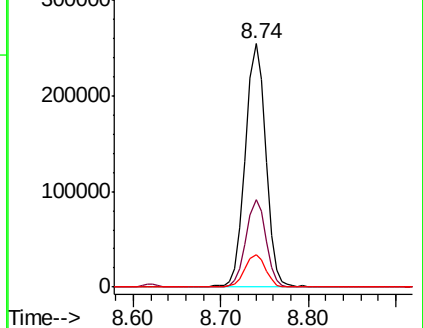
65 13.4 11.3 16.9

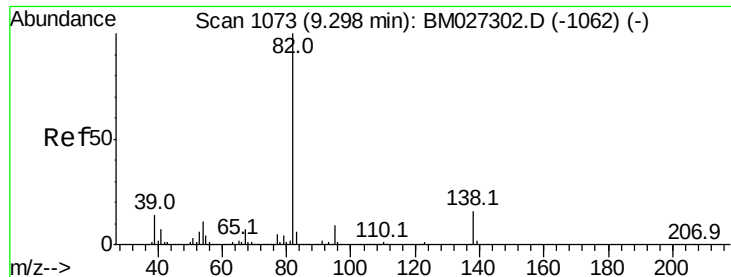


Abundance Ion 77.00 (76.70 to 77.70): BM027302.D (-970) (-)

Ion 123.00 (122.70 to 123.70): BM027302.D (-970) (-)

Ion 65.00 (64.70 to 65.70): BM027302.D (-970) (-)

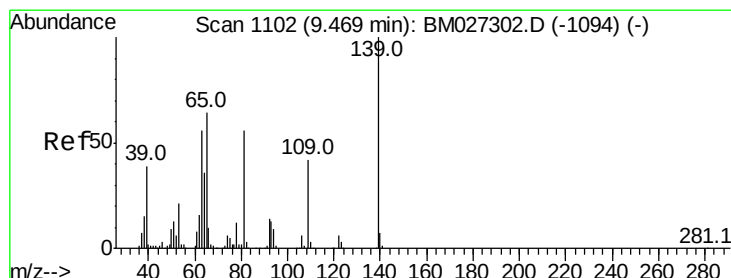
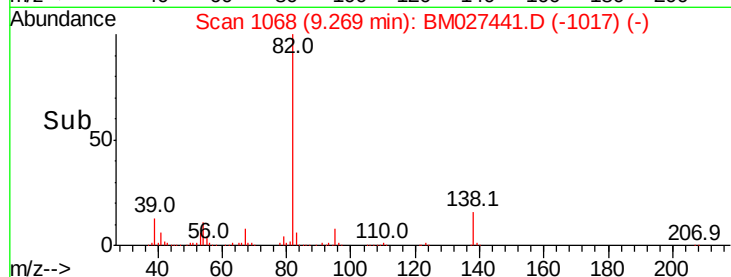
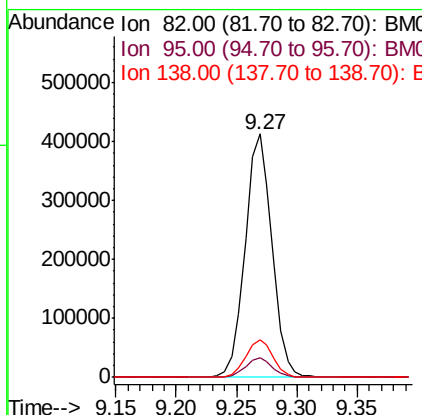
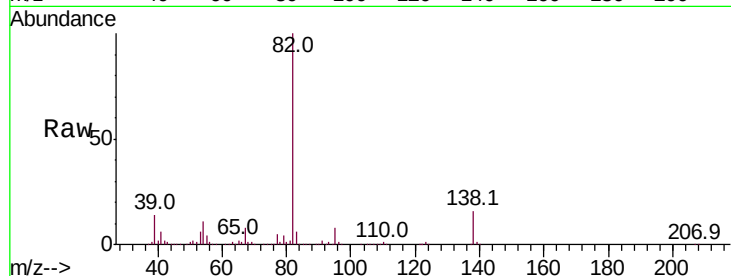




#25
Isophorone
Concen: 36.013 ng
RT: 9.27 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

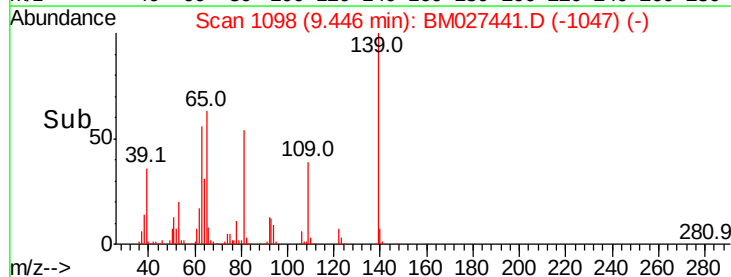
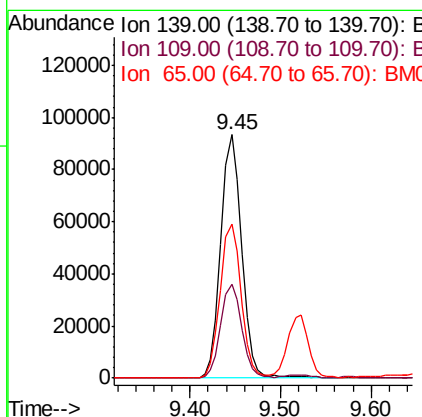
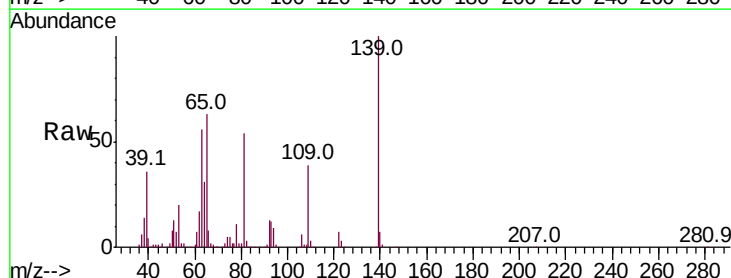
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

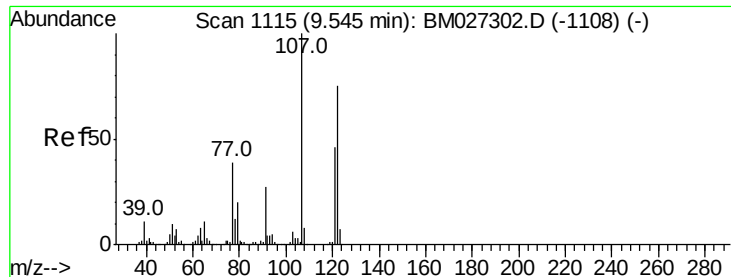
Tot Ion: 82 Resp: 641727
Ion Ratio Lower Upper
82 100
95 8.0 6.8 10.2
138 15.6 13.1 19.7



#26
2-Nitrophenol
Concen: 38.088 ng
RT: 9.45 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 139 Resp: 149085
Ion Ratio Lower Upper
139 100
109 38.7 33.8 50.8
65 63.4 51.0 76.6

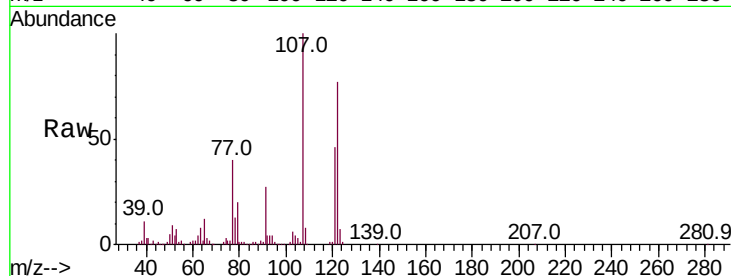




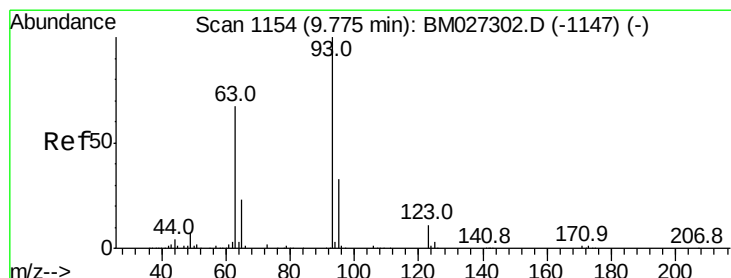
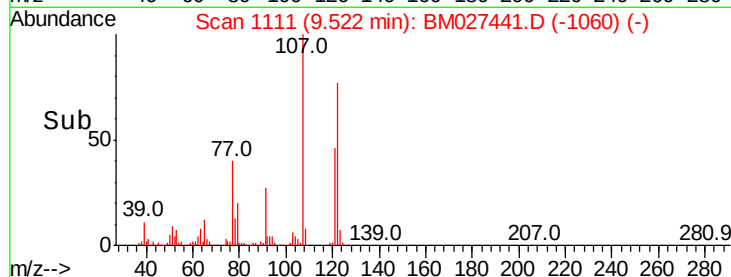
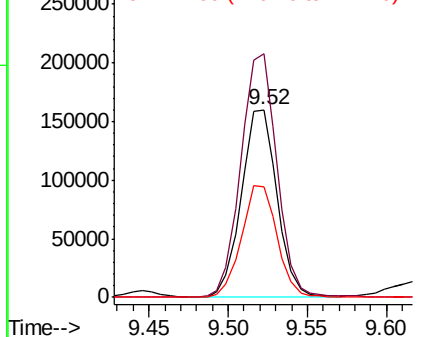
#27
 2,4-Dimethylphenol
 Concen: 37.298 ng
 RT: 9.52 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.8	106.6	159.8
121	59.2	48.8	73.2

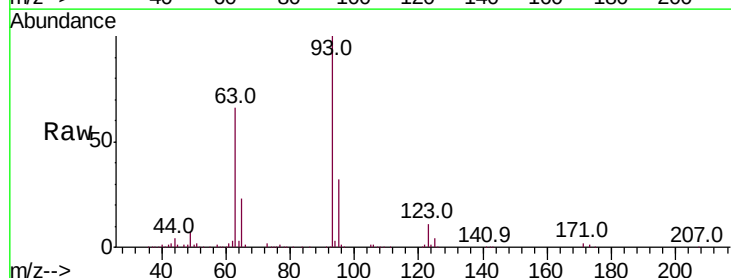


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

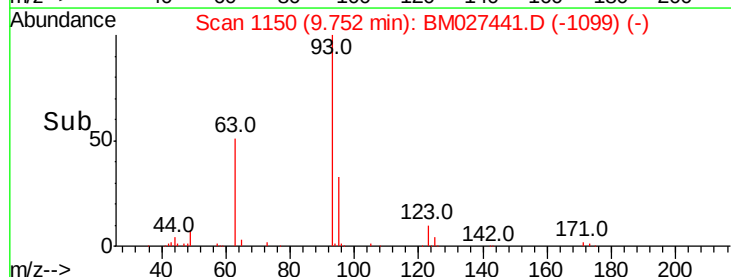
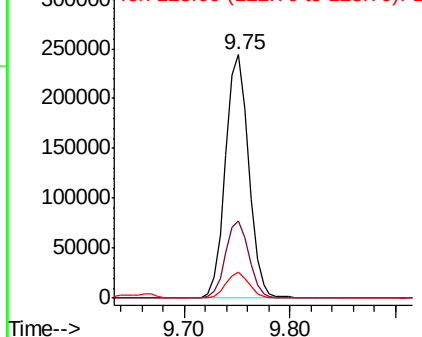


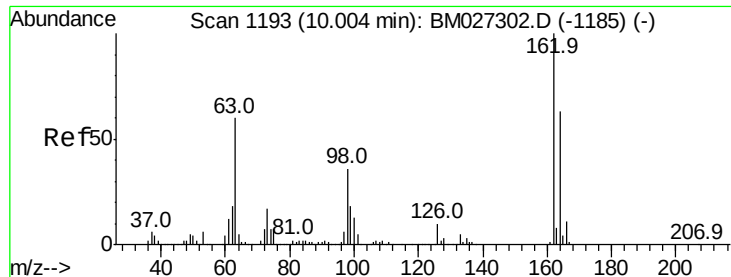
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.355 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.5	39.7
123	10.9	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

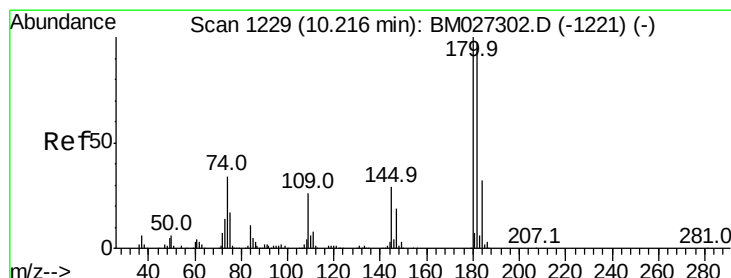
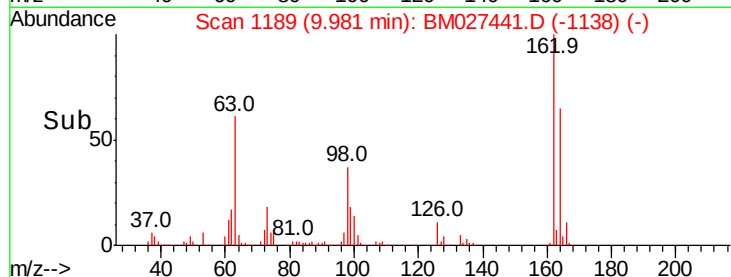
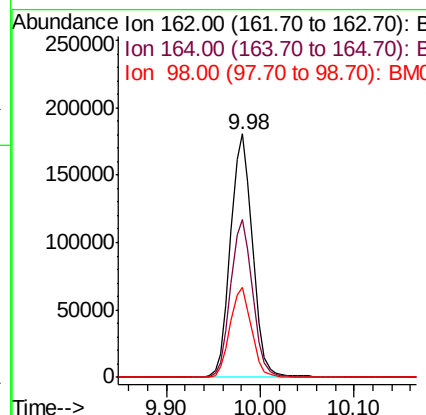
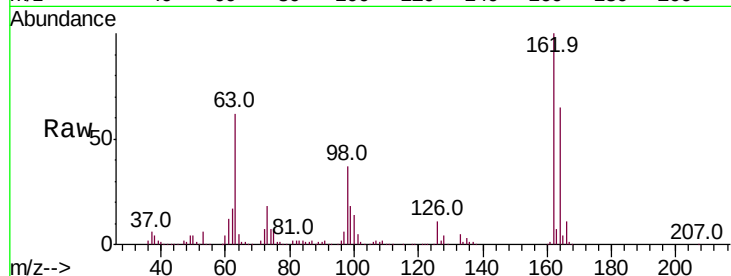




#29
 2,4-Dichlorophenol
 Concen: 38.169 ng
 RT: 9.98 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

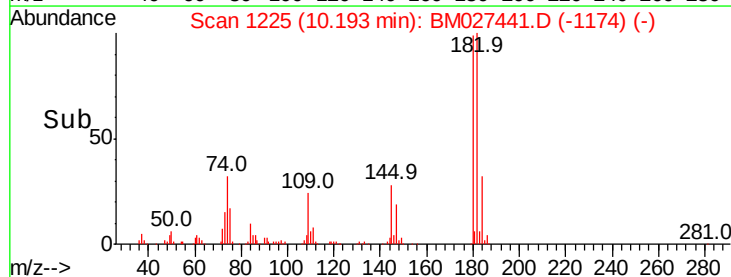
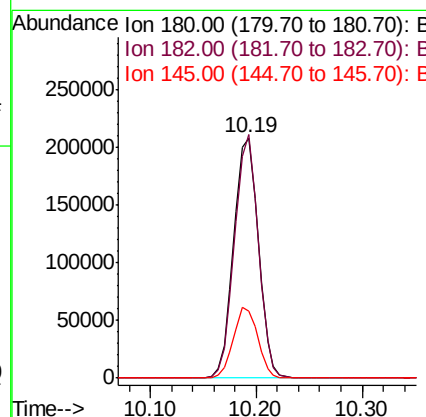
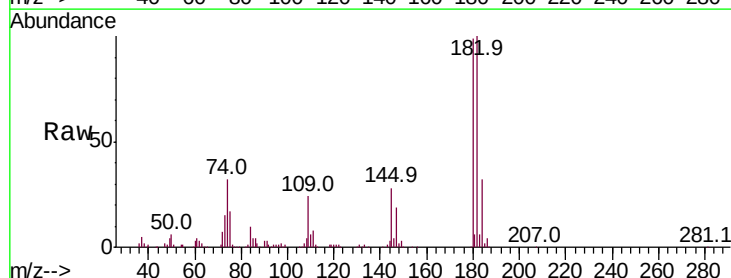
Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

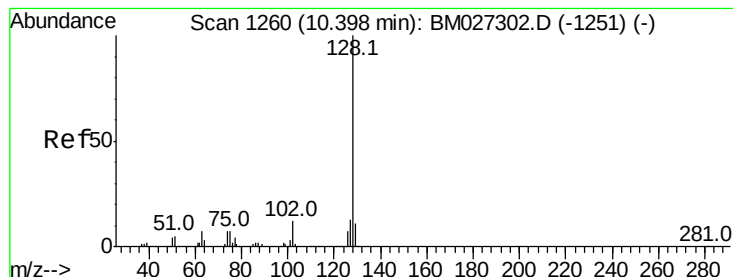
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.2	83.2
98	37.0	15.7	55.7



#30
 1,2,4-Trichlorobenzene
 Concen: 36.631 ng
 RT: 10.19 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.3	77.7	116.5
145	28.0	23.4	35.0





#31

Naphthalene

Concen: 36.477 ng

RT: 10.37 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

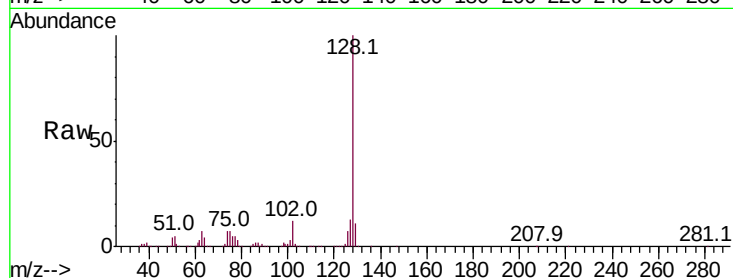
Tot Ion:128 Resp: 845524

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

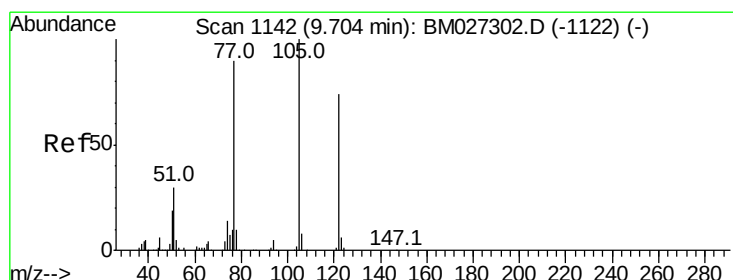
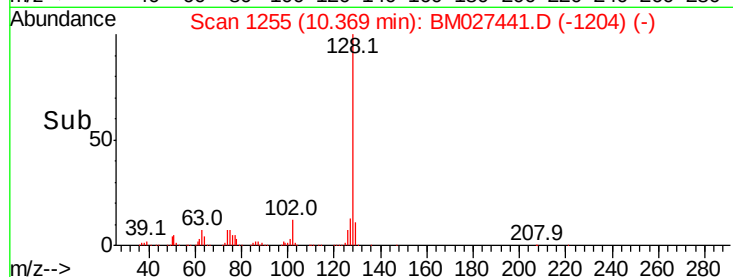
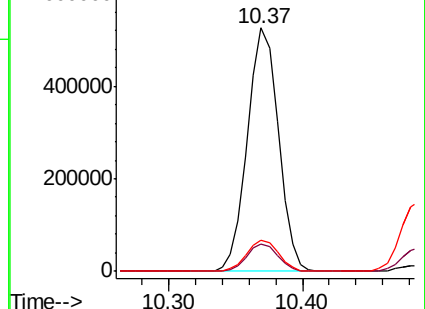
127 12.8 10.6 15.8



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: 31.350 ng

RT: 9.66 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

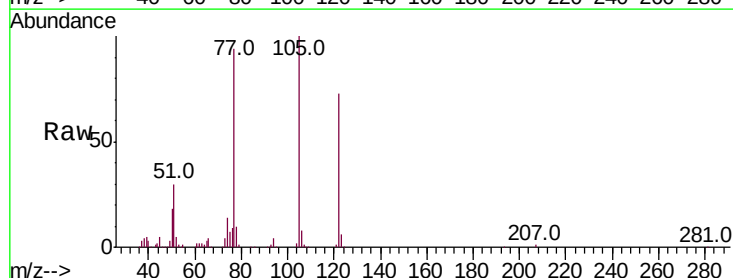
Tgt Ion:122 Resp: 137821

Ion Ratio Lower Upper

122 100

105 137.7 114.0 154.0

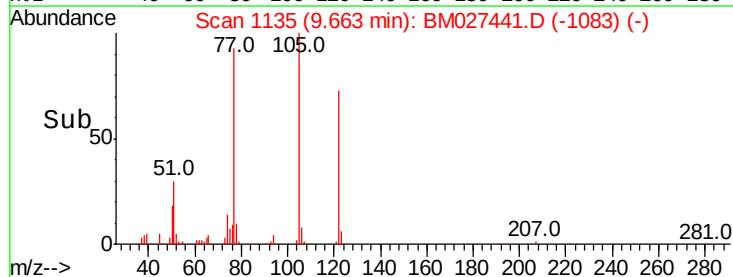
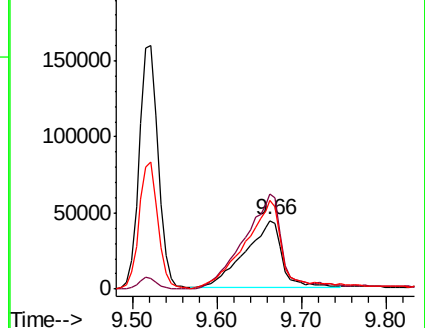
77 129.0 101.8 141.8

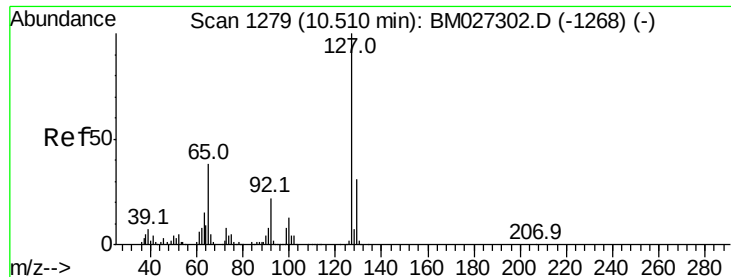


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

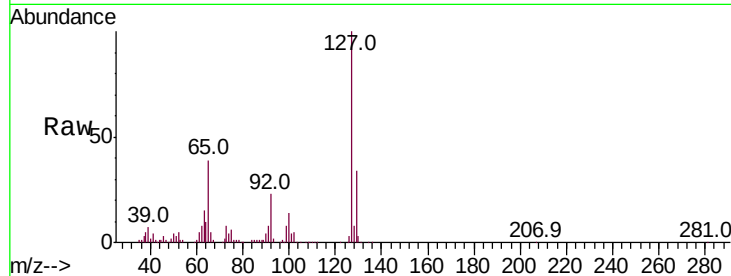




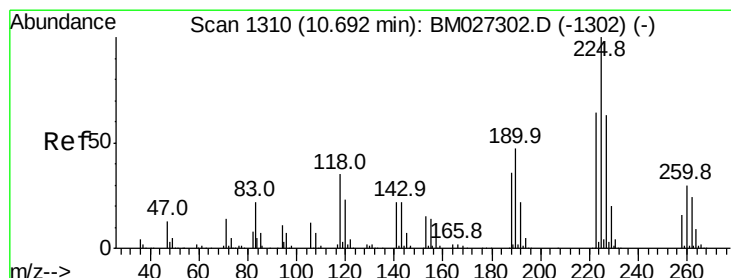
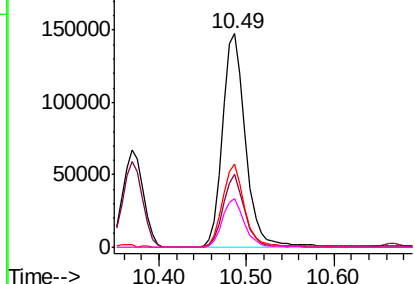
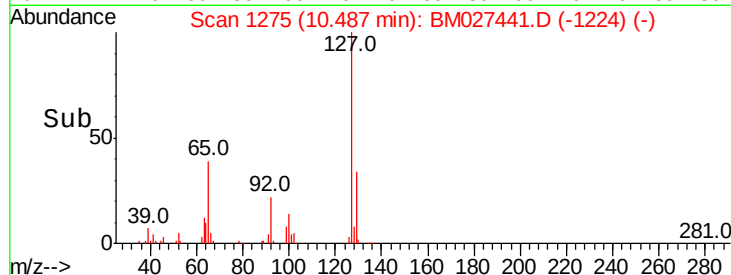
#33
4-Chloroaniline
Concen: 27.357 ng
RT: 10.49 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Instrument :
BNA_M
ClientSampleId :
PB131588BSD

Tot Ion:	127	Resp:	269220
Ion	Ratio	Lower	Upper
127	100		
129	34.0	24.7	37.1
65	39.2	30.2	45.4
92	22.7	17.8	26.8

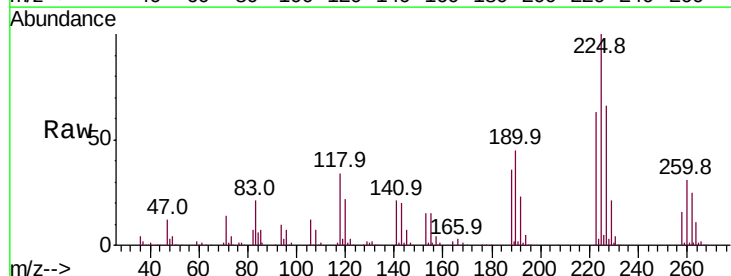


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

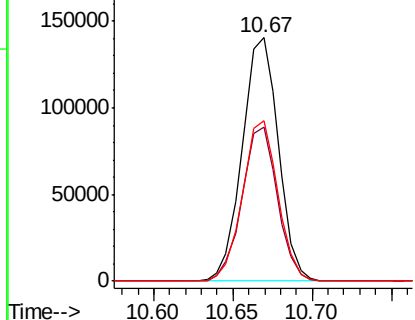
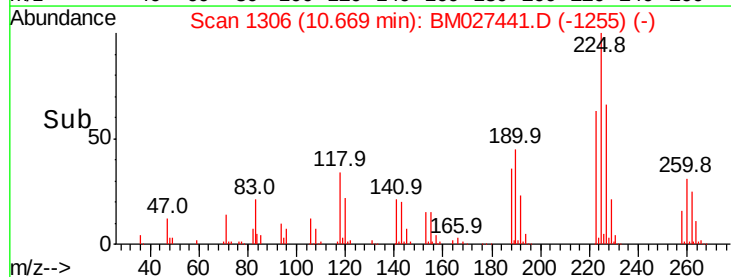


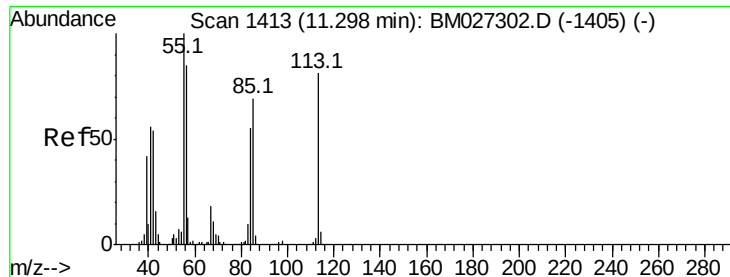
#34
Hexachlorobutadiene
Concen: 35.852 ng
RT: 10.67 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:	225	Resp:	222652
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.4
227	66.0	50.6	75.8



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

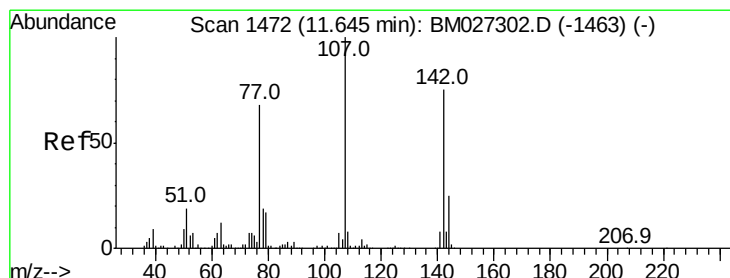
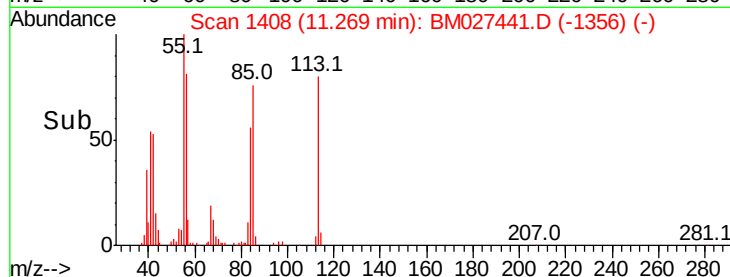
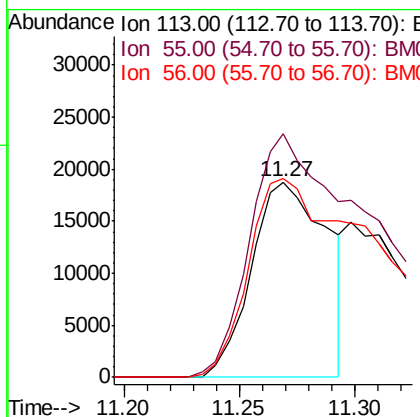
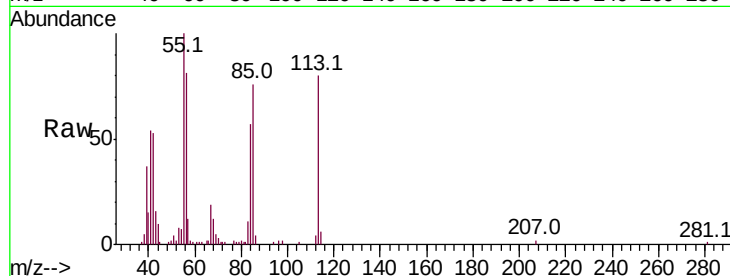




#35
Caprolactam
Concen: 18.934 ng
RT: 11.27 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

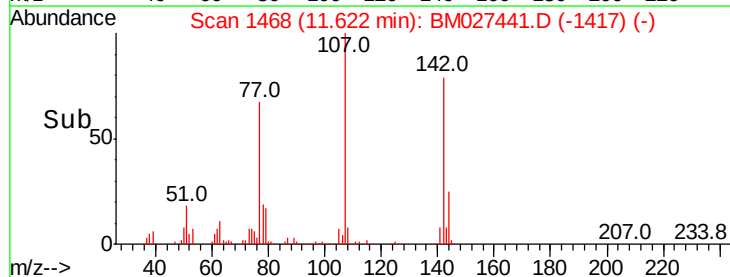
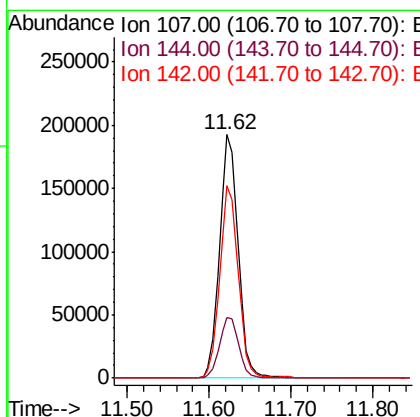
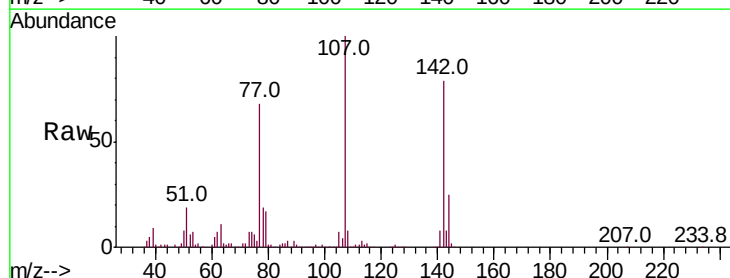
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

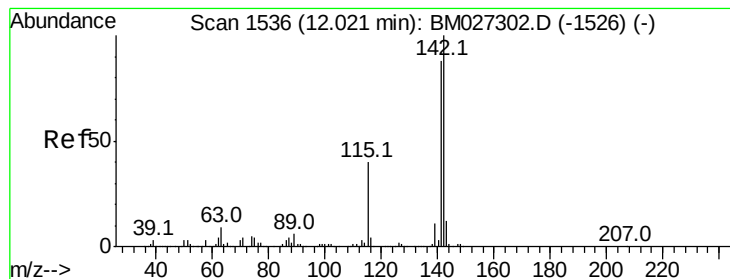
Tot Ion:113 Resp: 42889
Ion Ratio Lower Upper
113 100
55 124.5 103.2 143.2
56 101.3 84.2 124.2



#36
4-Chloro-3-methylphenol
Concen: 36.930 ng
RT: 11.62 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:107 Resp: 305399
Ion Ratio Lower Upper
107 100
144 24.9 20.1 30.1
142 79.2 60.3 90.5





#37

2-Methylnaphthalene

Concen: 36.120 ng

RT: 11.99 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

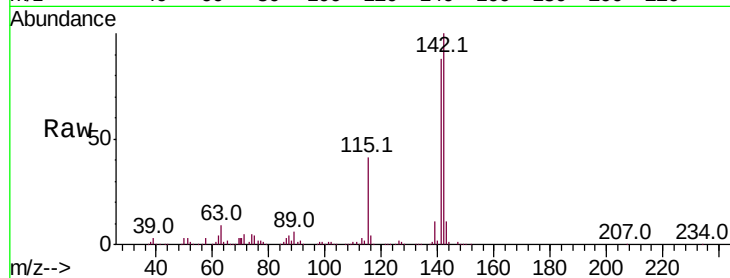
Tot Ion:142 Resp: 656058

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5

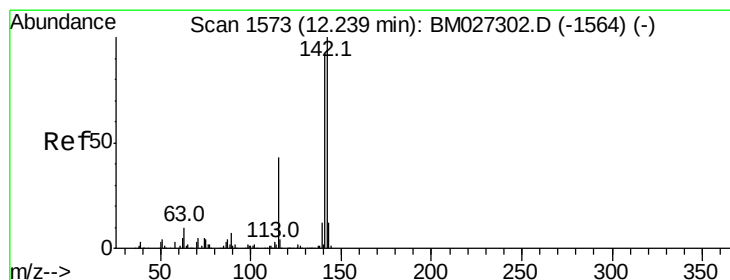
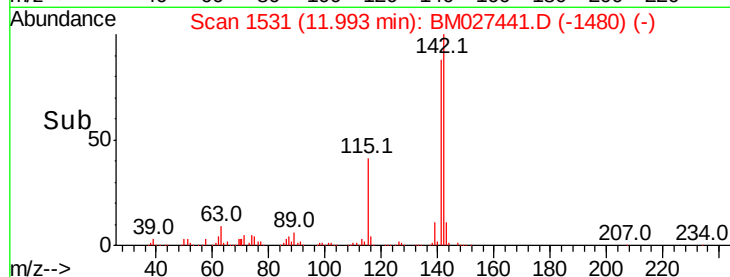
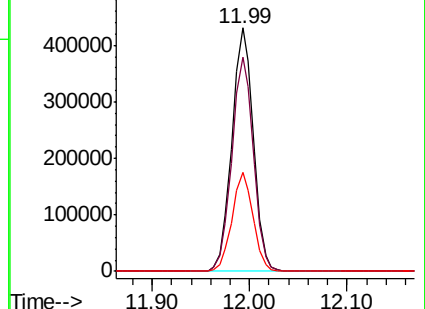
115 40.7 32.2 48.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.320 ng

RT: 12.22 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

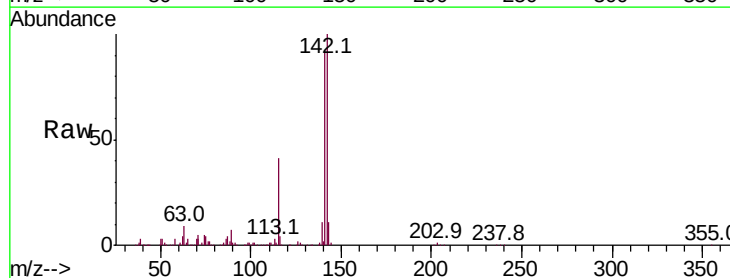
Tgt Ion:142 Resp: 619404

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.6

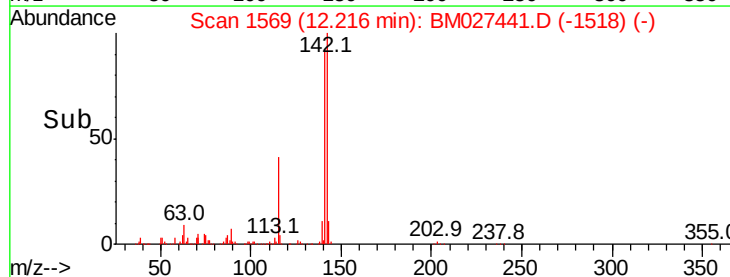
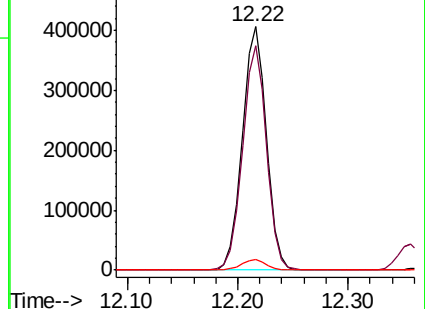
116 4.5 3.5 5.3

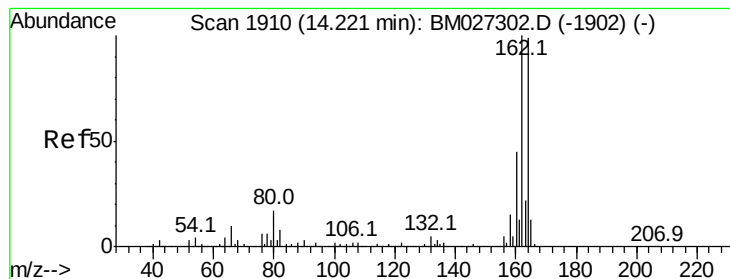


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

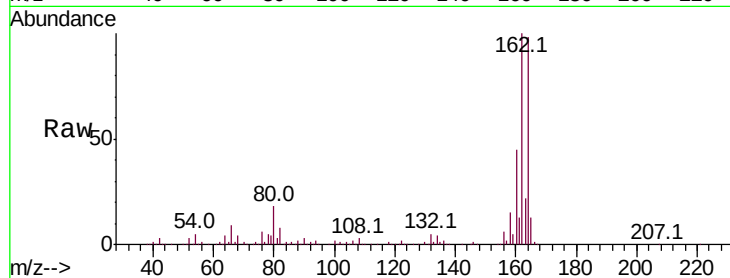
Tot Ion:164 Resp: 294323

Ion Ratio Lower Upper

164 100

162 102.3 80.4 120.6

160 46.4 35.9 53.9

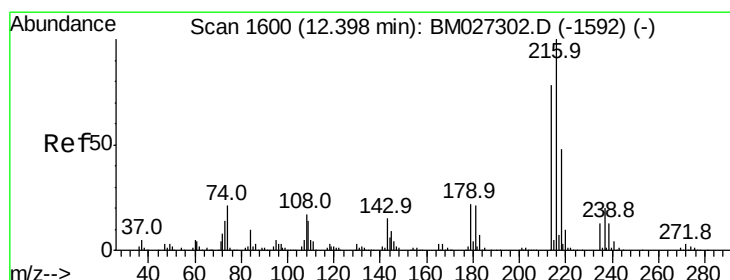
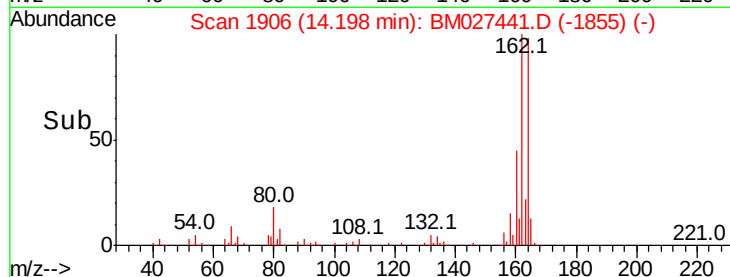
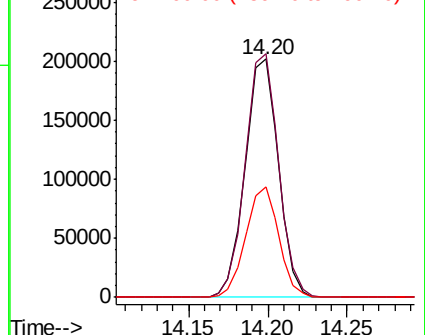


Abundance

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: 37.982 ng

RT: 12.37 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Tgt Ion:216 Resp: 402461

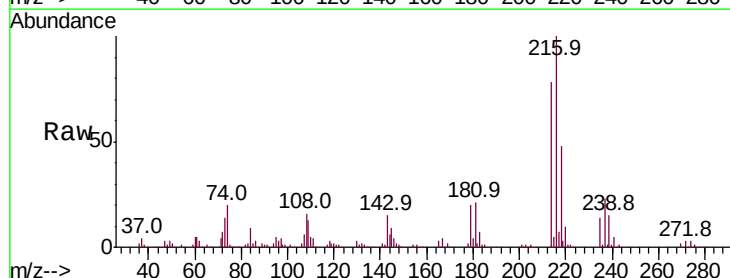
Ion Ratio Lower Upper

216 100

214 78.5 62.1 93.1

179 21.2 17.2 25.8

108 21.1 14.9 22.3



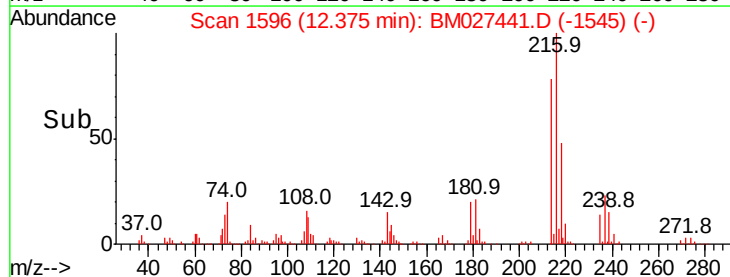
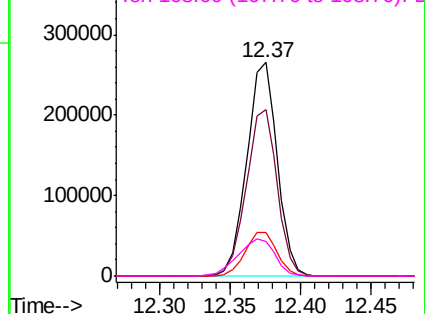
Abundance

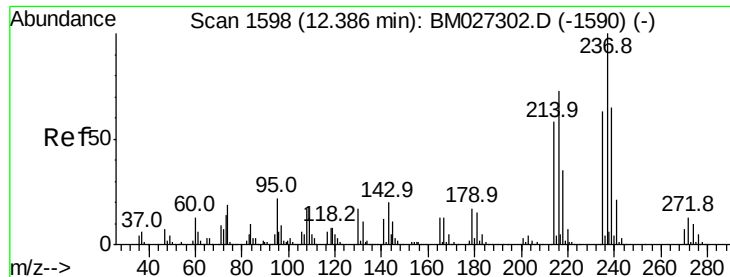
Ion 216.00 (215.70 to 216.70): E

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: 78.338 ng

RT: 12.36 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

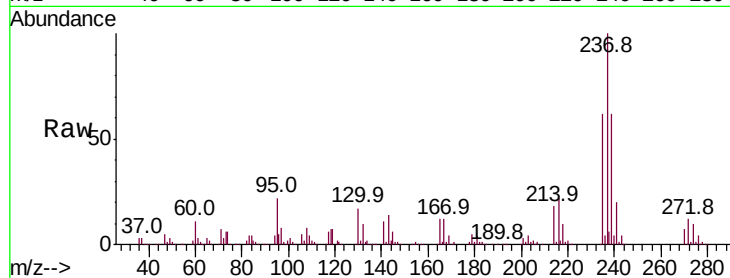
Tot Ion:237 Resp: 546314

Ion Ratio Lower Upper

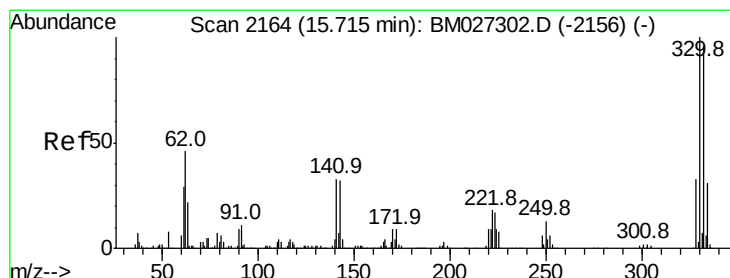
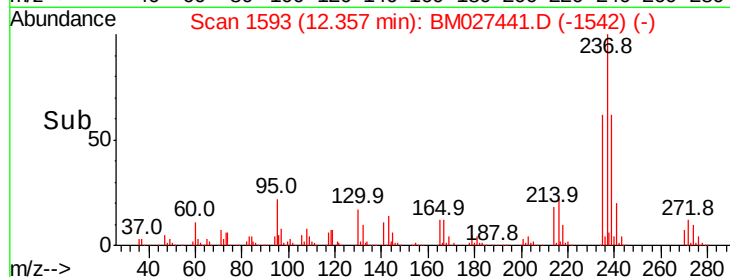
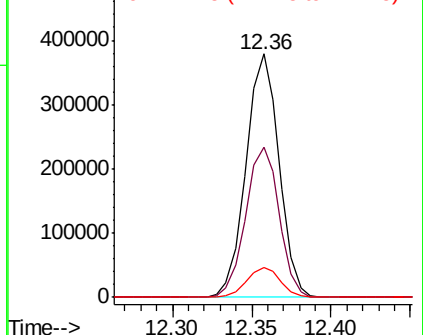
237 100

235 61.9 43.1 83.1

272 12.1 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.061 ng

RT: 15.69 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

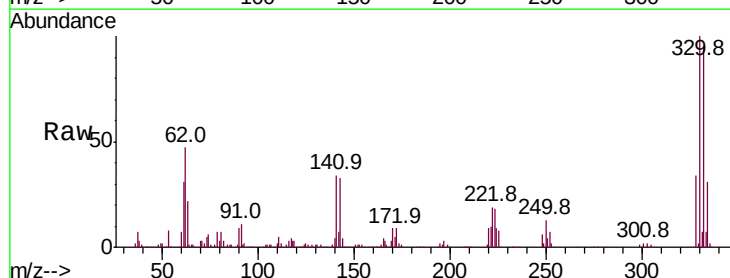
Tgt Ion:330 Resp: 490571

Ion Ratio Lower Upper

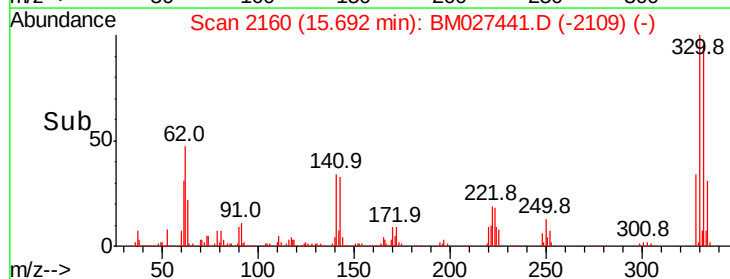
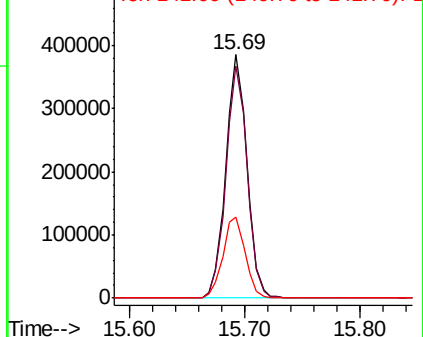
330 100

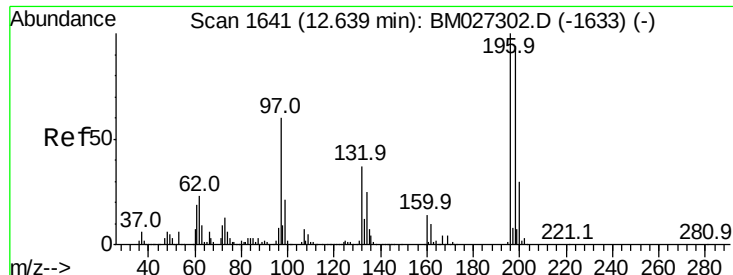
332 96.0 77.8 116.8

141 35.3 28.4 42.6



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

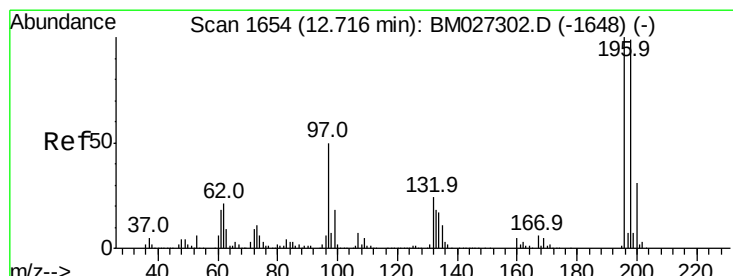
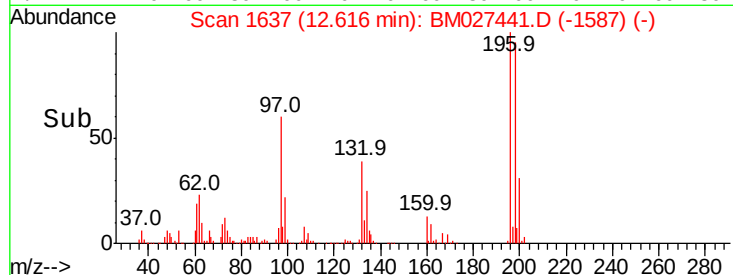
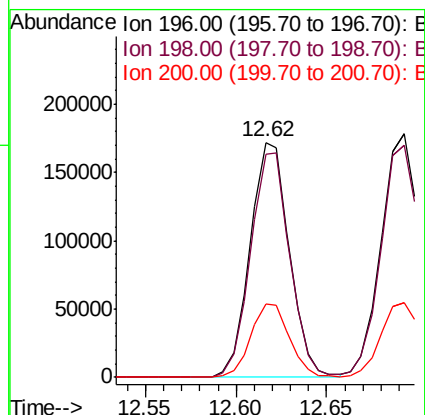
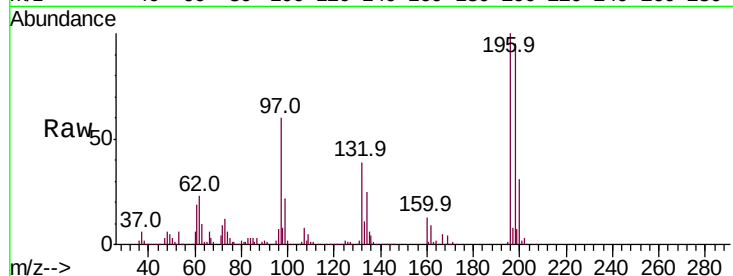




#43
 2,4,6-Trichlorophenol
 Concen: 39.686 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

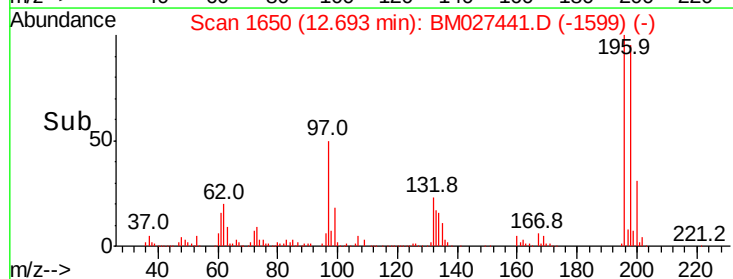
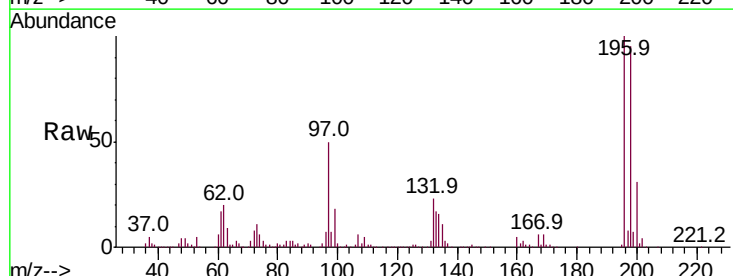
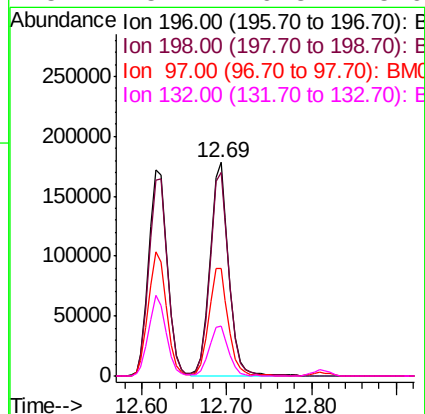
Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

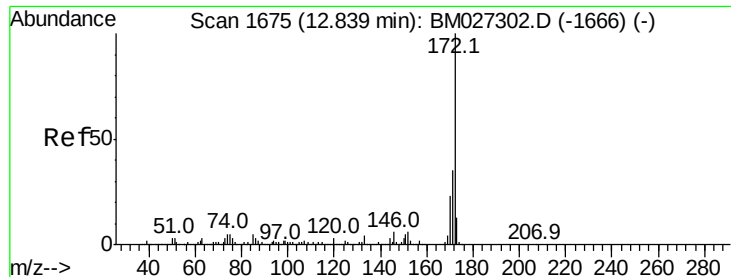
Tot Ion:196 Resp: 257821
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.9 112.3
 200 31.0 23.7 35.5



#44
 2,4,5-Trichlorophenol
 Concen: 39.205 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion:196 Resp: 276871
 Ion Ratio Lower Upper
 196 100
 198 95.2 79.0 118.6
 97 50.2 40.5 60.7
 132 23.1 19.3 28.9

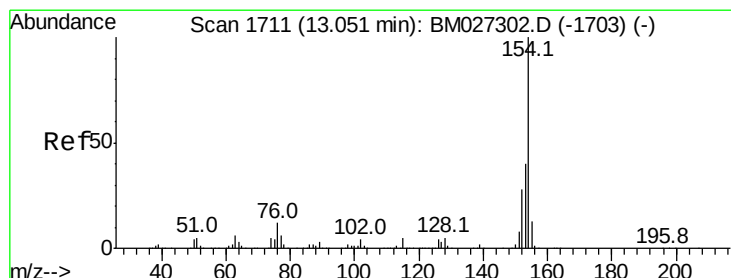
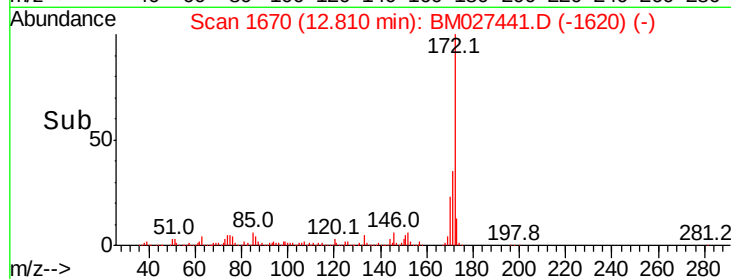
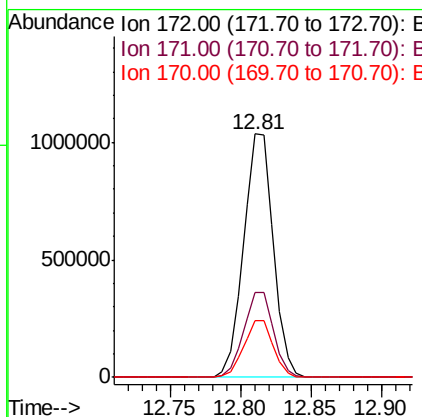
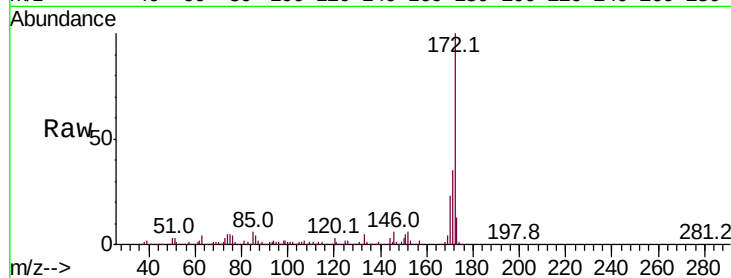




#45
2-Fluorobiphenyl
Concen: 69.128 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

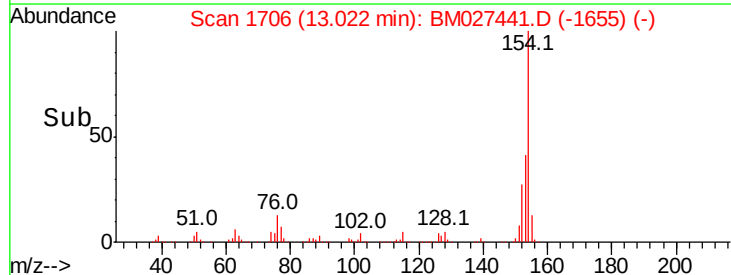
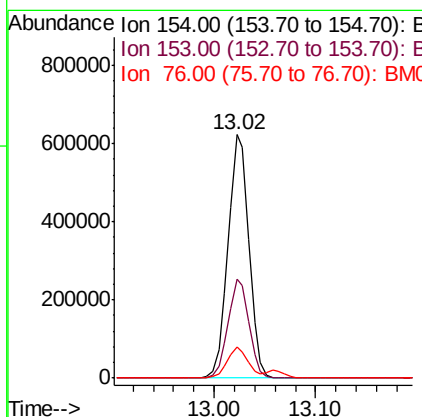
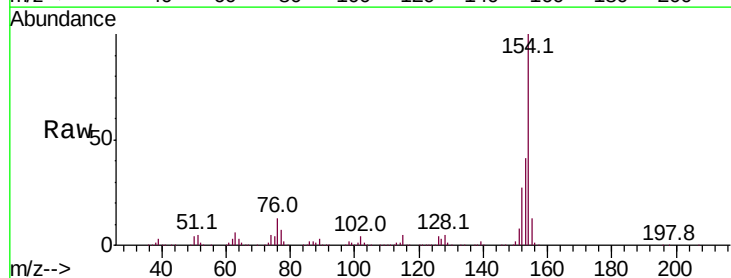
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

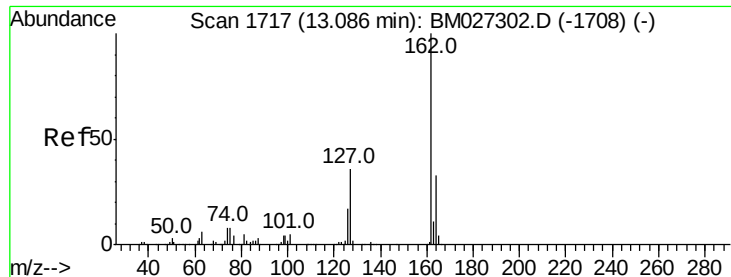
Tot Ion:172 Resp: 1529885
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 38.093 ng
RT: 13.02 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:154 Resp: 887341
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 12.9 0.0 32.0

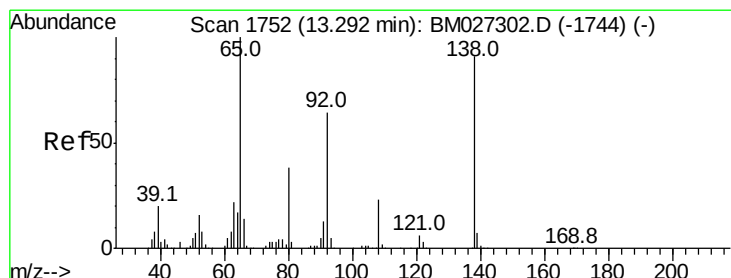
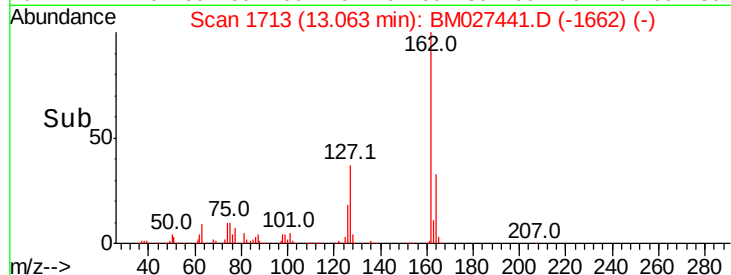
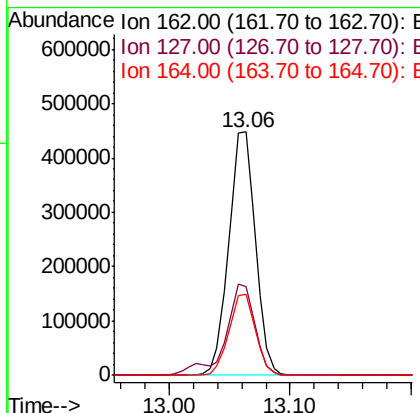
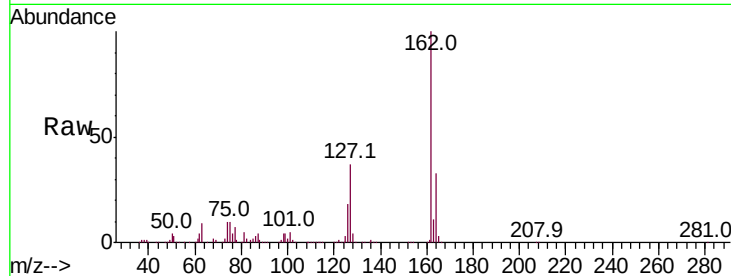




#47
 2-Chloronaphthalene
 Concen: 37.476 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

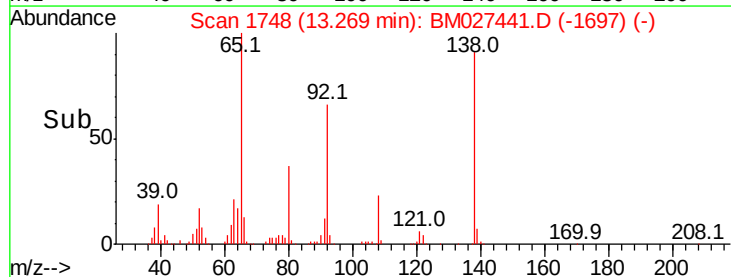
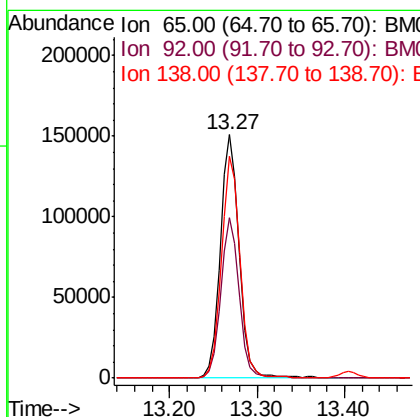
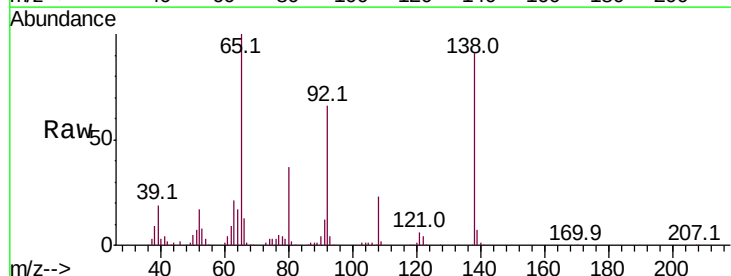
Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

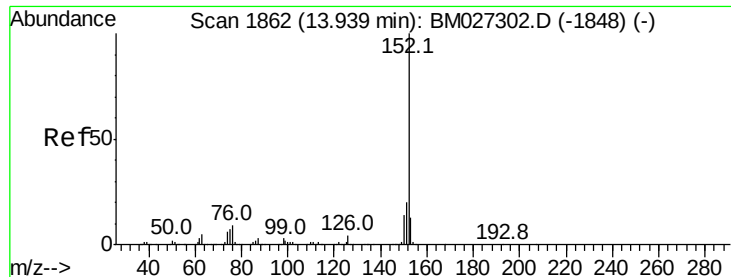
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	29.6	44.4
164	33.2	26.2	39.4



#48
 2-Nitroaniline
 Concen: 39.858 ng
 RT: 13.27 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	51.5	77.3
138	91.0	72.7	109.1





#49

Acenaphthylene

Concen: 39.021 ng

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

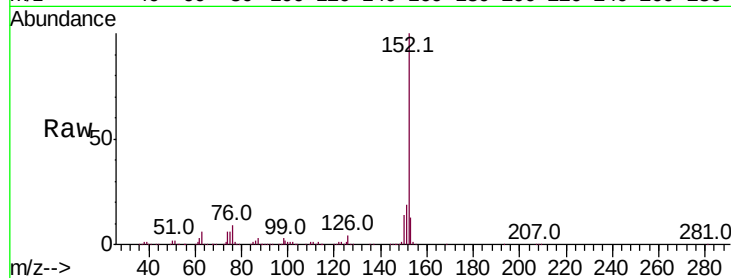
Tot Ion:152 Resp: 1091808

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

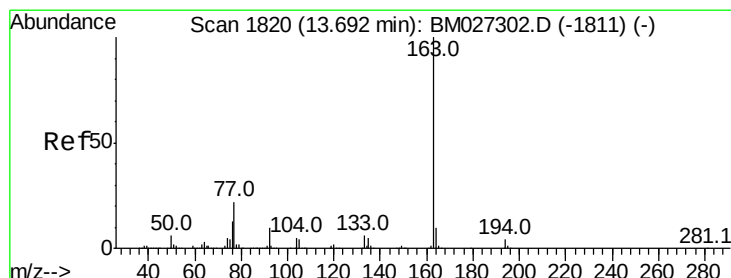
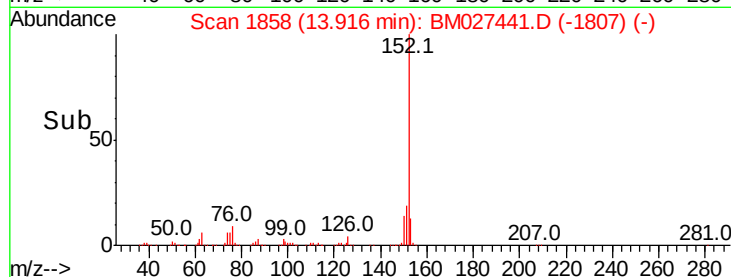
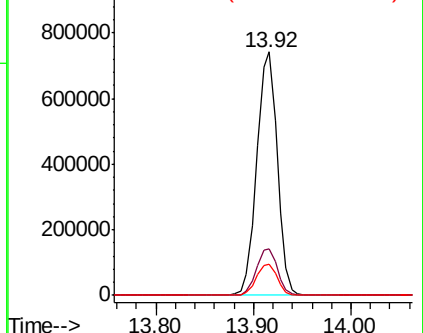
153 13.0 10.4 15.6



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: 38.042 ng

RT: 13.66 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

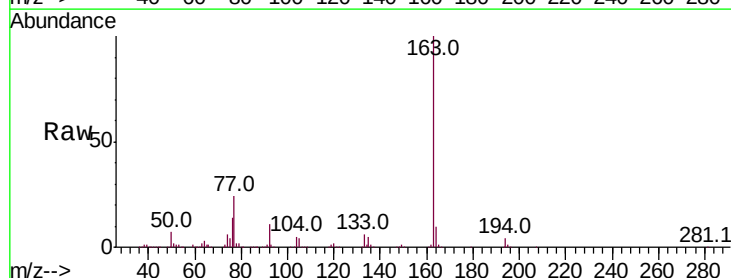
Tgt Ion:163 Resp: 920313

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

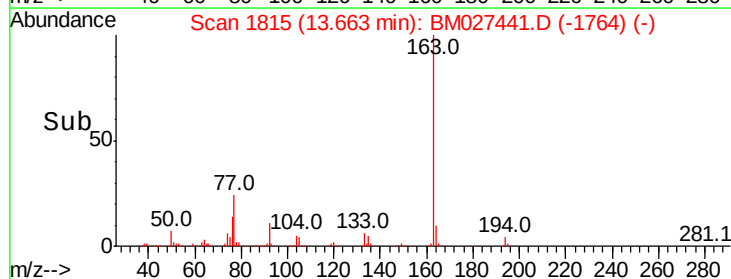
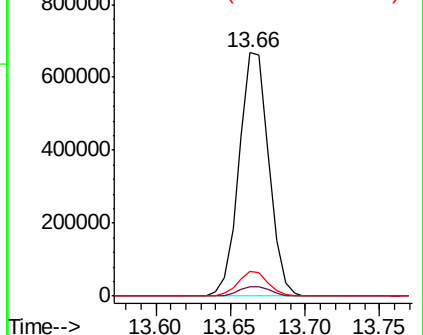
164 10.4 8.1 12.1

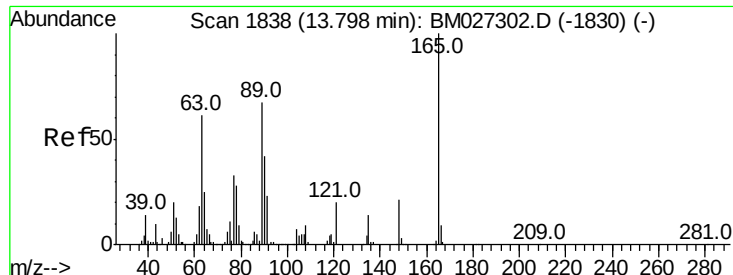


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

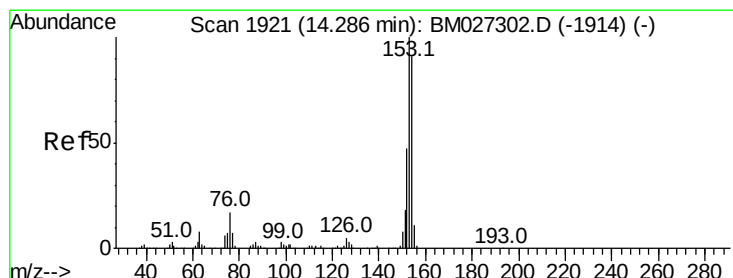
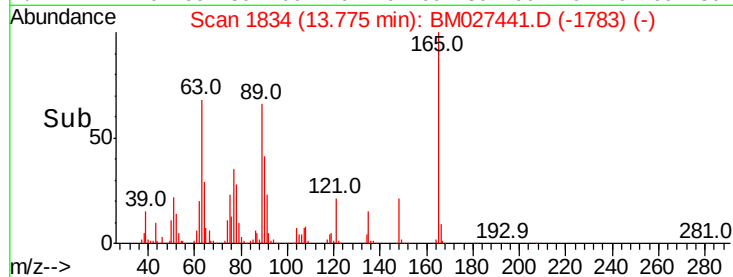
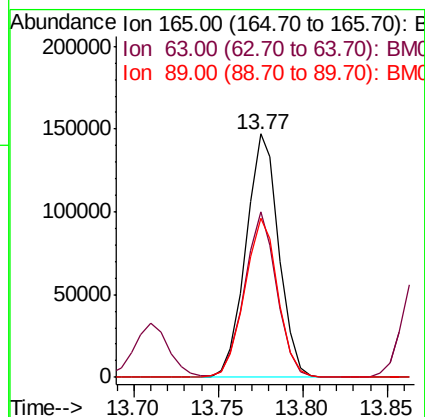
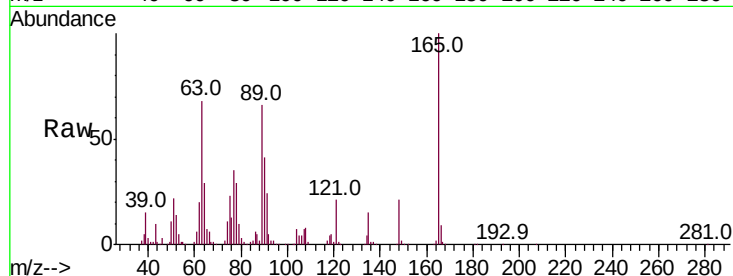




#51
2,6-Dinitrotoluene
Concen: 38.645 ng
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

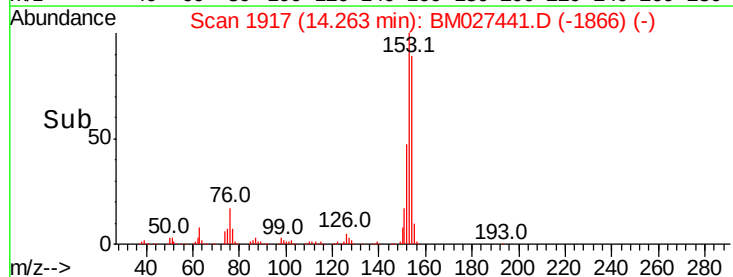
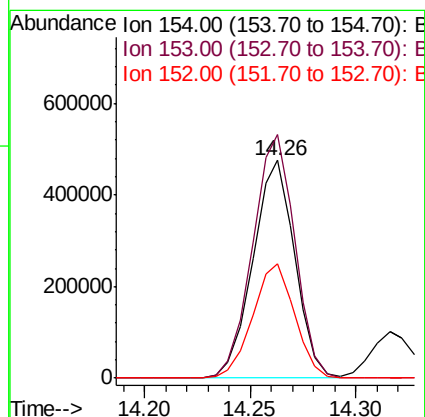
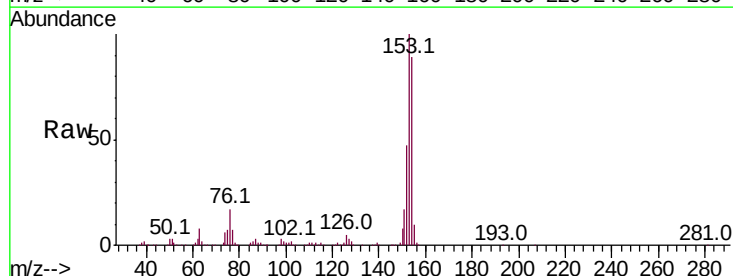
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

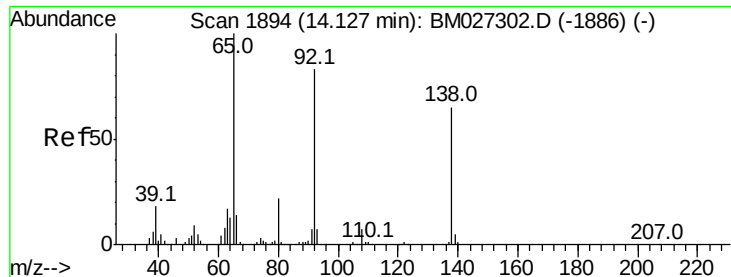
Tot Ion:165 Resp: 199148
Ion Ratio Lower Upper
165 100
63 68.1 51.1 76.7
89 65.6 53.3 79.9



#52
Acenaphthene
Concen: 37.829 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:154 Resp: 656658
Ion Ratio Lower Upper
154 100
153 111.9 88.3 132.5
152 52.7 41.4 62.2





#53

3-Nitroaniline

Concen: 27.725 ng

RT: 14.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

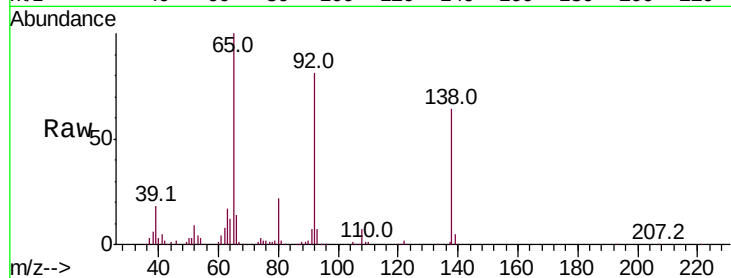
Tot Ion:138 Resp: 135202

Ion Ratio Lower Upper

138 100

108 11.7 8.6 13.0

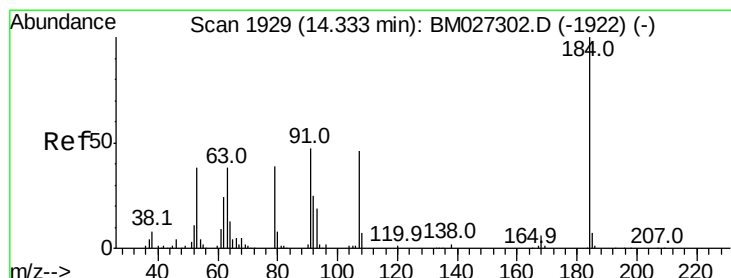
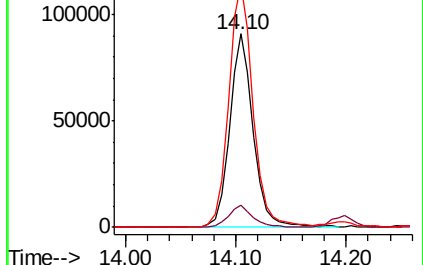
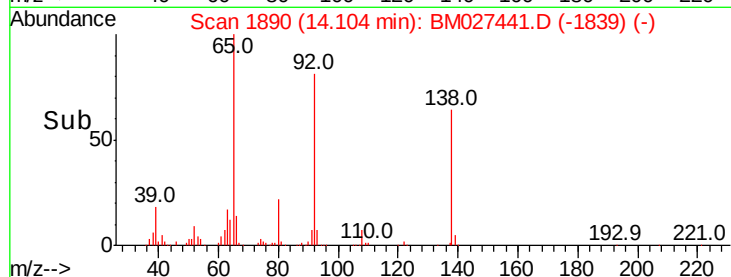
92 126.0 102.1 153.1



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: 64.820 ng

RT: 14.32 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

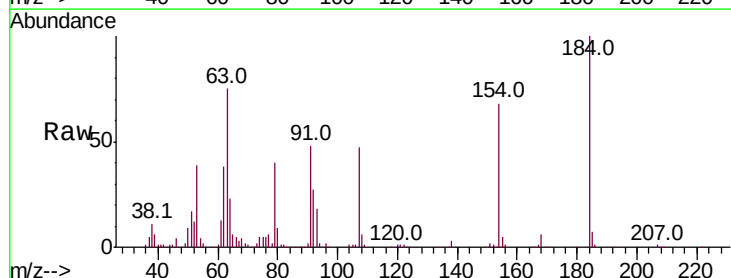
Tgt Ion:184 Resp: 218385

Ion Ratio Lower Upper

184 100

63 74.9 60.2 90.2

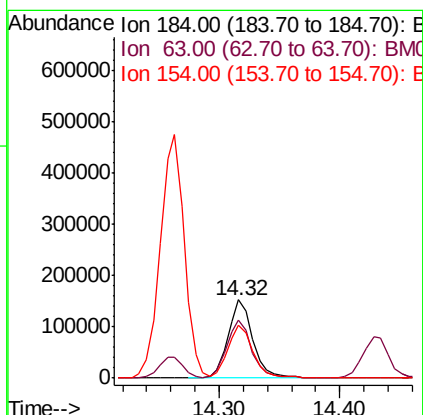
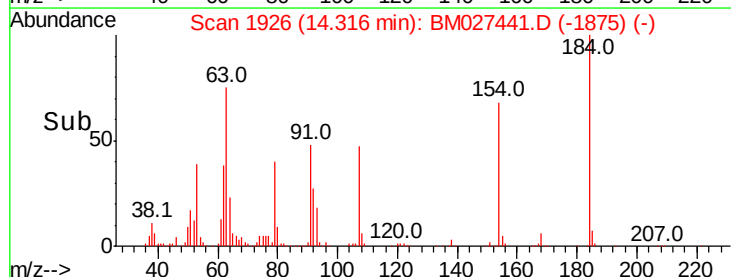
154 67.6 52.9 79.3

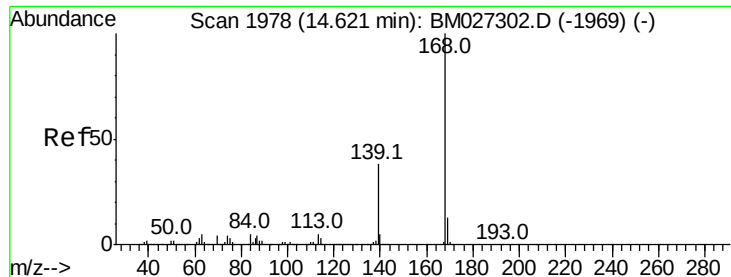


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.685 ng

RT: 14.60 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

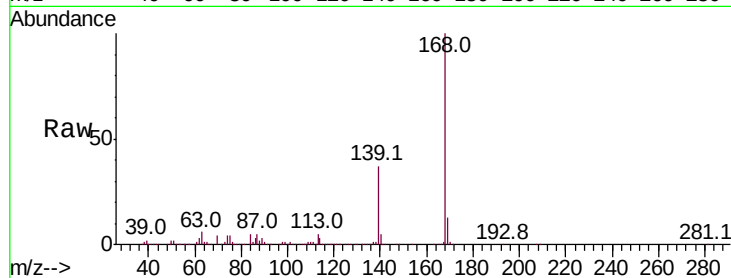
Tot Ion:168 Resp: 1106541

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.4

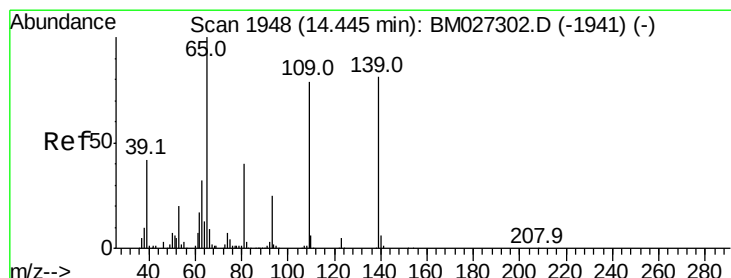
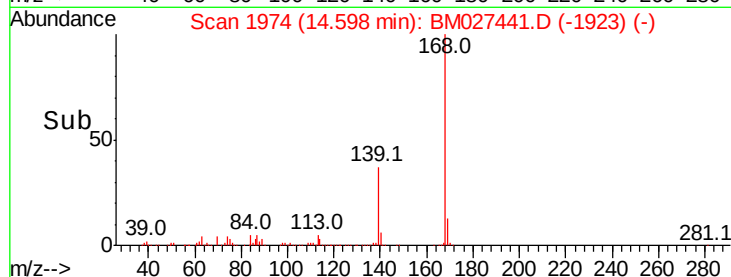
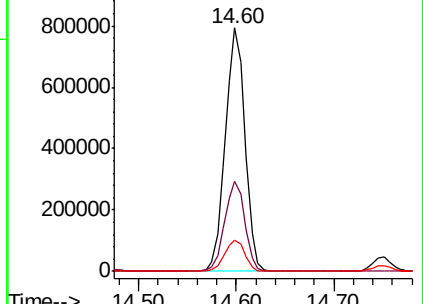
169 12.8 10.6 16.0



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: 78.668 ng

RT: 14.43 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

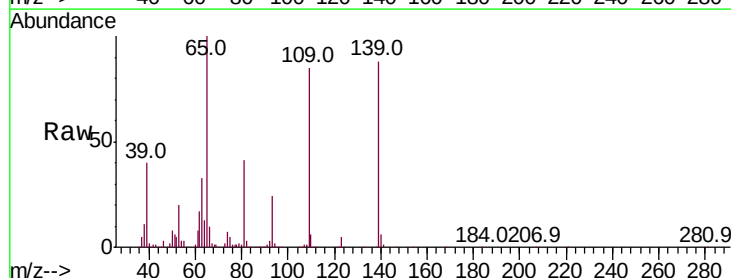
Tgt Ion:139 Resp: 320666

Ion Ratio Lower Upper

139 100

109 97.0 77.0 117.0

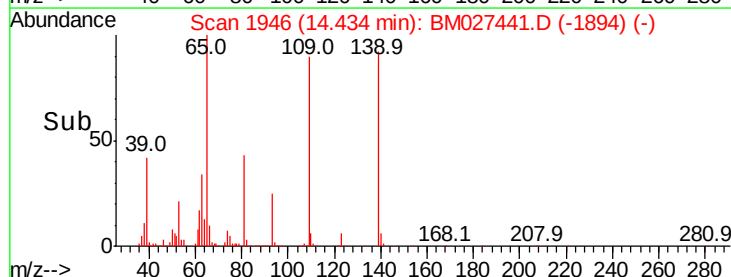
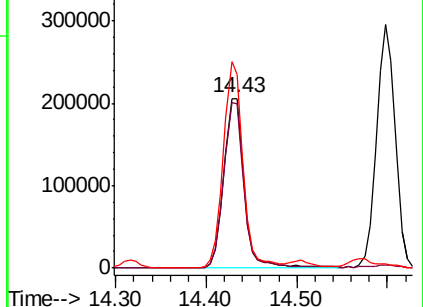
65 113.8 103.4 143.4

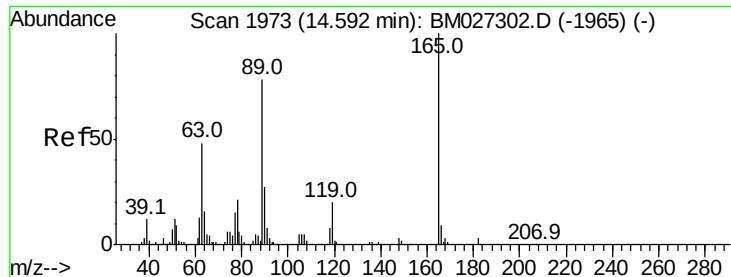


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

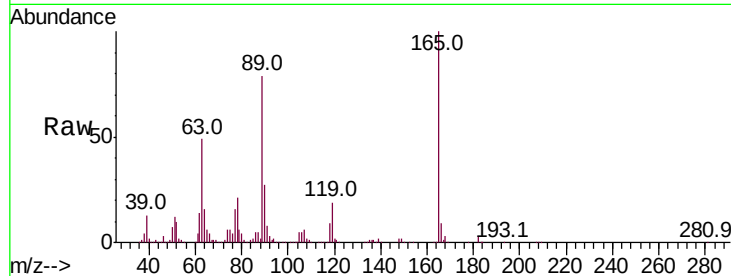




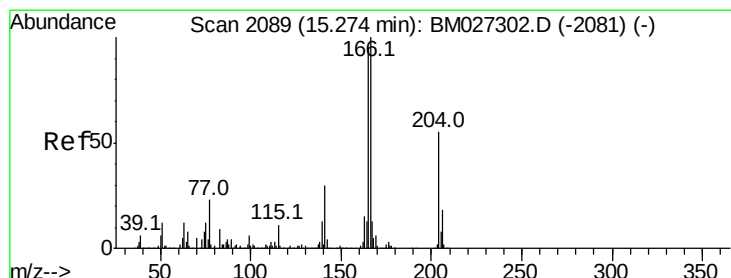
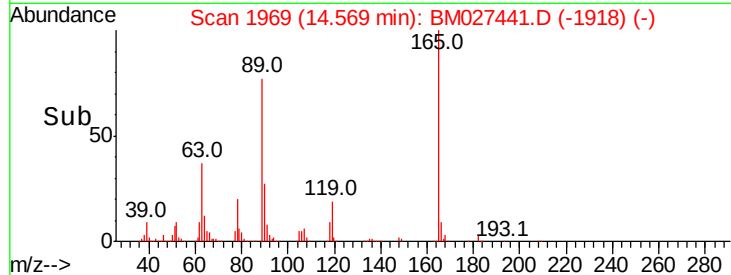
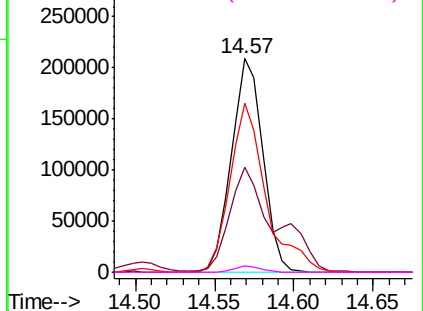
#57
 2,4-Dinitrotoluene
 Concen: 40.235 ng
 RT: 14.57 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

Tot Ion:165	Resp:	287306
Ion	Ratio	Lower Upper
165	100	
63	49.1	38.8 58.2
89	78.9	62.6 94.0
182	2.9	2.3 3.5

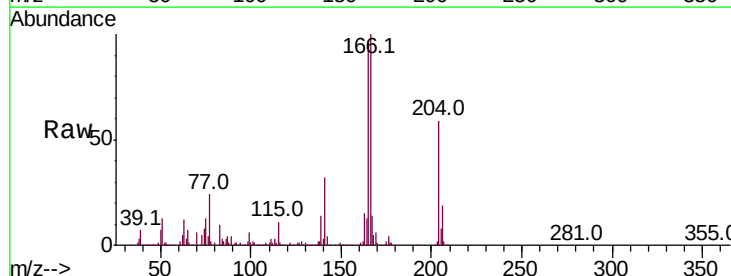


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

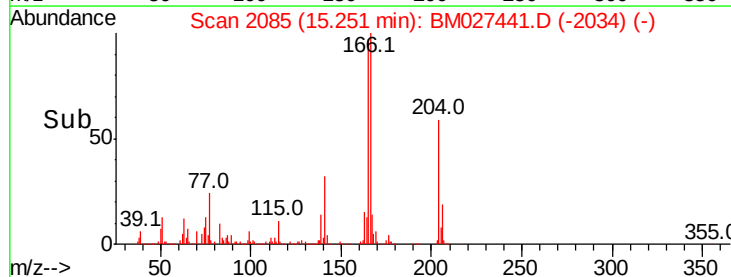
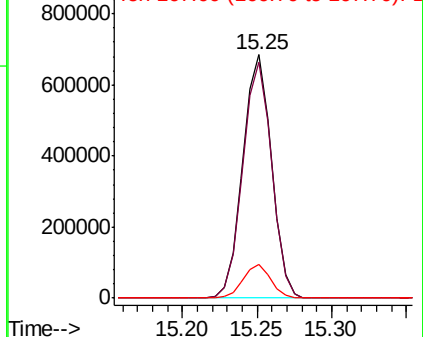


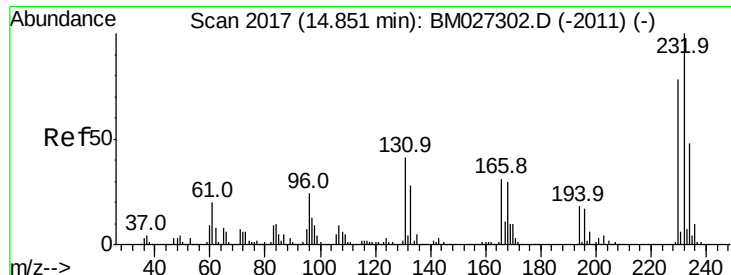
#58
 Fluorene
 Concen: 36.991 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion:166	Resp:	911709
Ion	Ratio	Lower Upper
166	100	
165	96.8	76.2 114.2
167	13.7	10.7 16.1



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

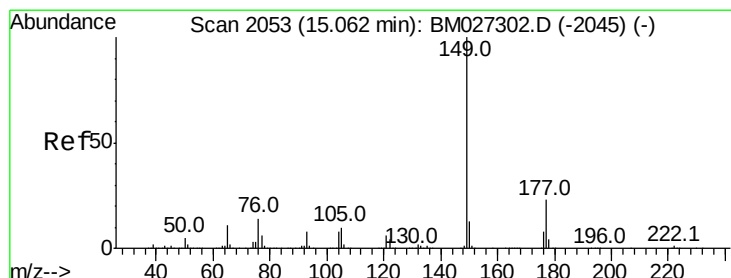
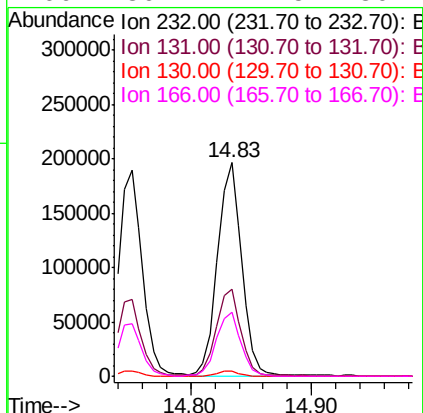
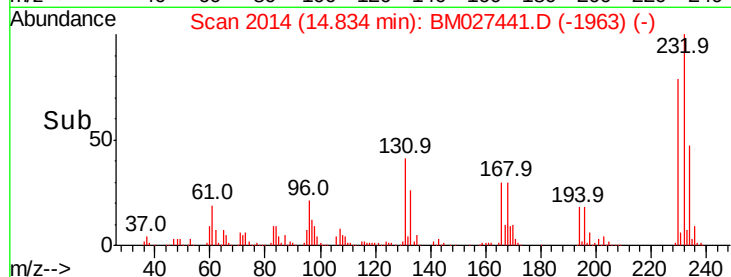
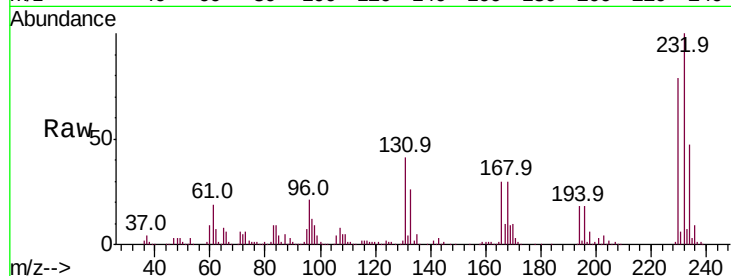




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.751 ng
 RT: 14.83 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

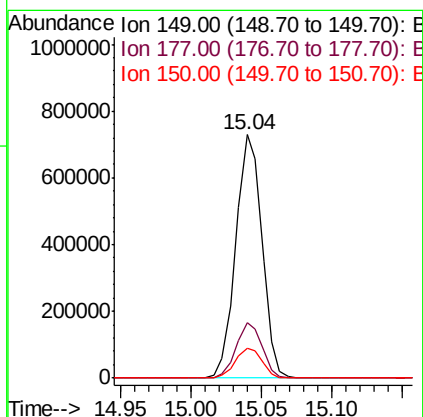
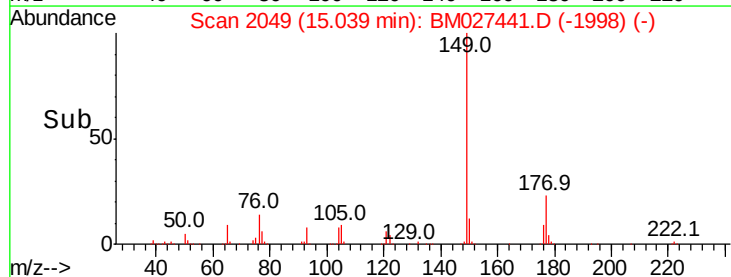
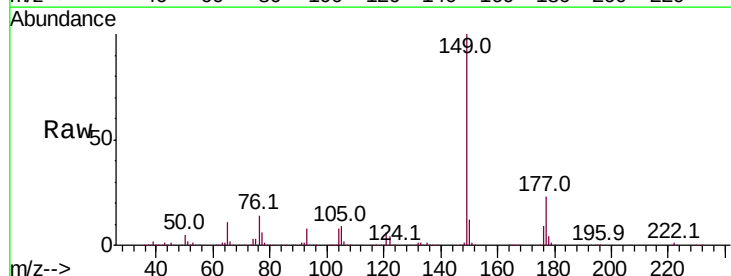
Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

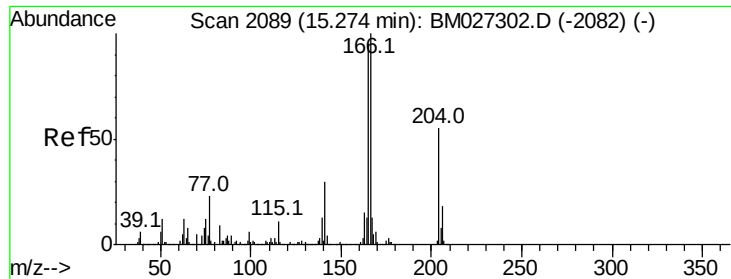
Tot Ion:	232	Resp:	271385
Ion	Ratio	Lower	Upper
232	100		
131	42.1	32.2	48.2
130	2.4	1.8	2.8
166	30.7	24.5	36.7



#60
 Diethylphthalate
 Concen: 37.853 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion:	149	Resp:	941870
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.4
150	12.4	10.2	15.4

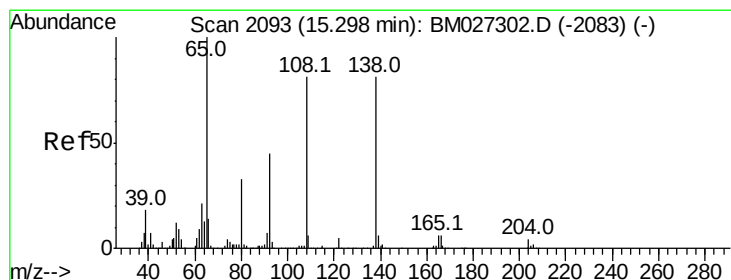
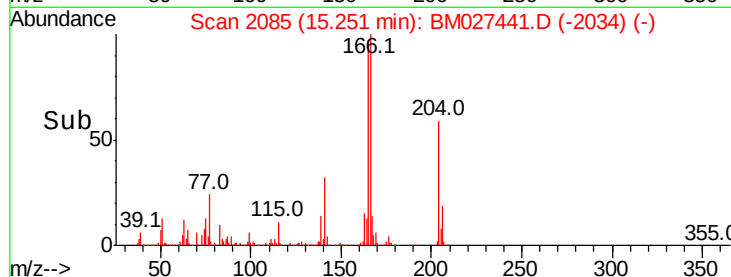
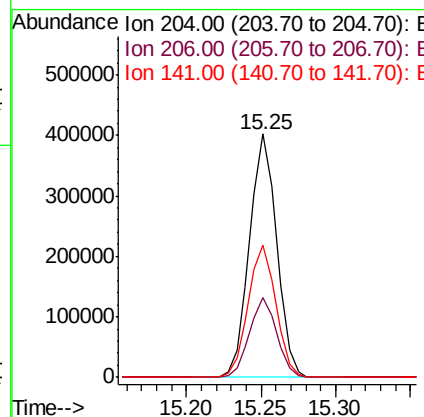
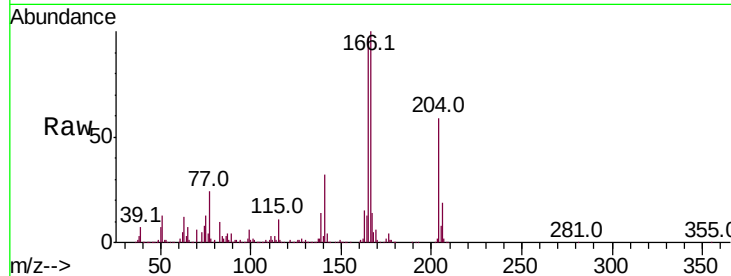




#61
4-Chlorophenyl-phenylether
Concen: 37.339 ng
RT: 15.25 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

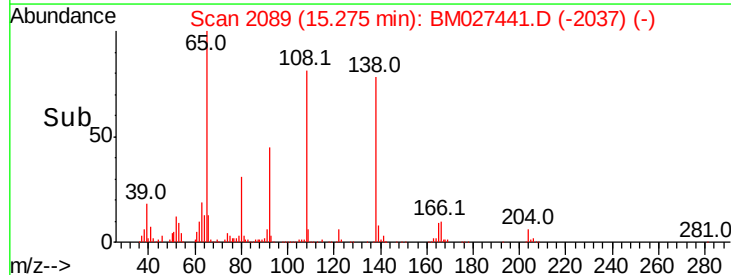
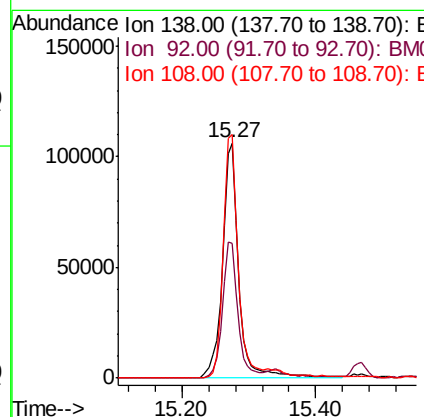
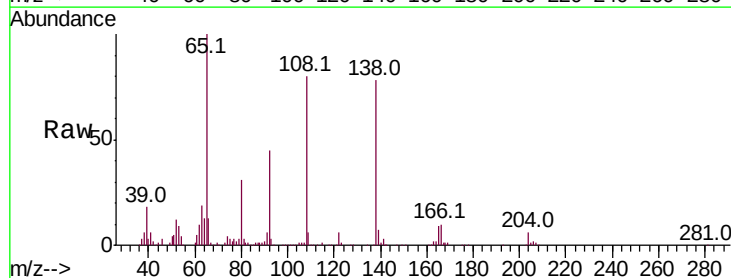
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

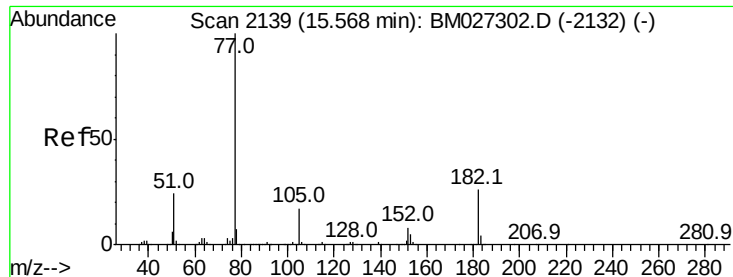
Tot Ion:204 Resp: 505564
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 54.1 43.7 65.5



#62
4-Nitroaniline
Concen: 34.549 ng
RT: 15.27 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:138 Resp: 184461
Ion Ratio Lower Upper
138 100
92 57.6 35.5 75.5
108 103.6 80.5 120.5





#63

Azobenzene

Concen: 38.535 ng

RT: 15.55 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

Tot Ion: 77 Resp: 991748

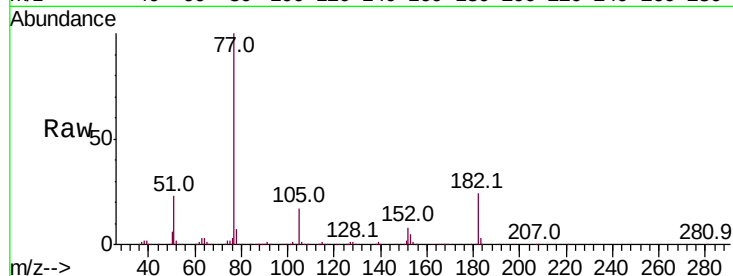
Ion Ratio Lower Upper

77 100

182 24.3 5.8 45.8

105 16.6 0.0 37.2

51 22.8 3.6 43.6

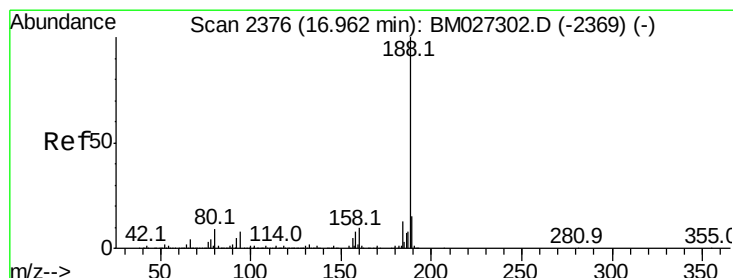
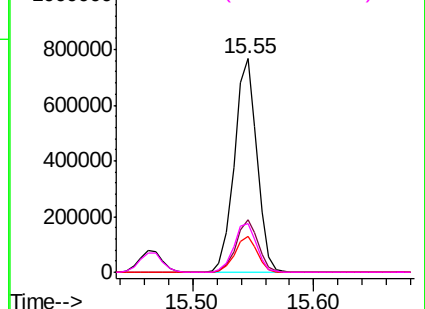
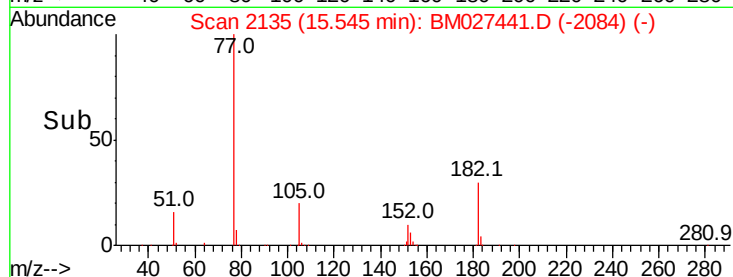


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 16.95 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

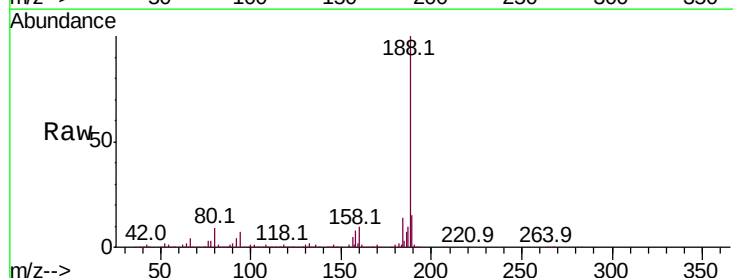
Tgt Ion: 188 Resp: 682861

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

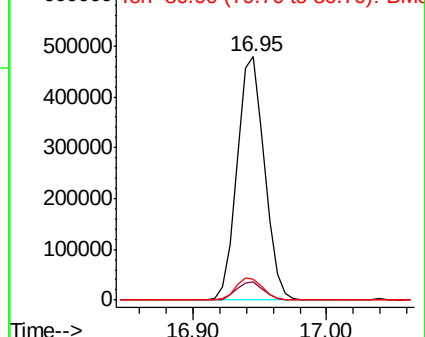
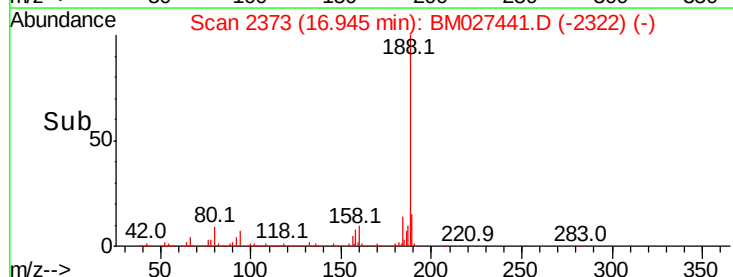
80 8.5 7.5 11.3

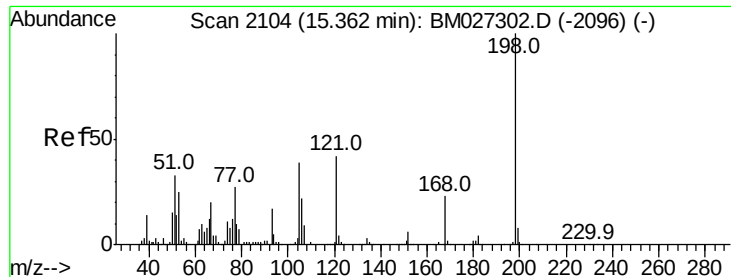


Abundance Ion 188.00 (187.70 to 188.70): E

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: 35.432 ng

RT: 15.34 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

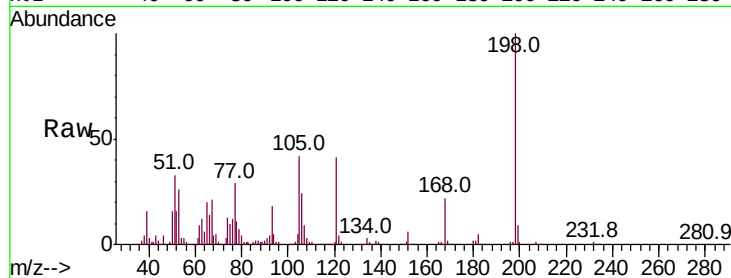
Tot Ion:198 Resp: 155279

Ion Ratio Lower Upper

198 100

51 33.2 13.0 53.0

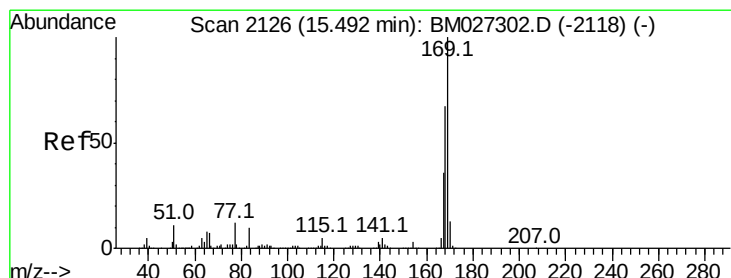
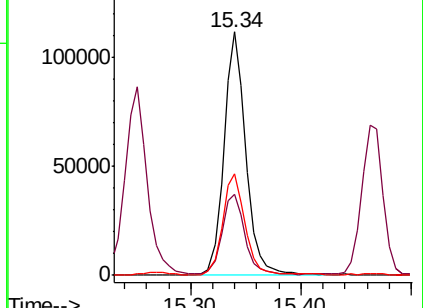
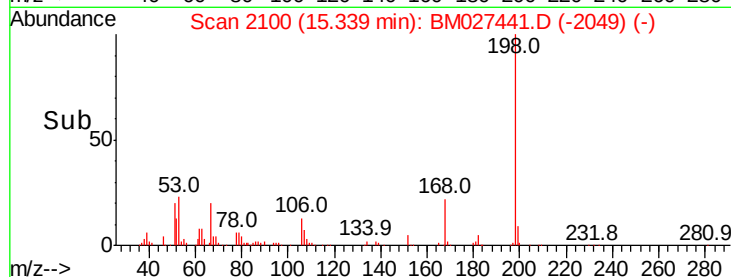
105 41.9 18.7 58.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.233 ng

RT: 15.47 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

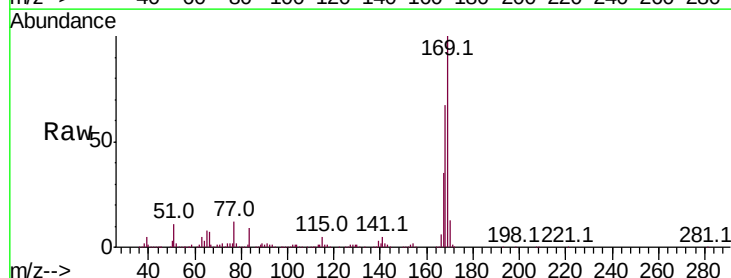
Tgt Ion:169 Resp: 807605

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.8

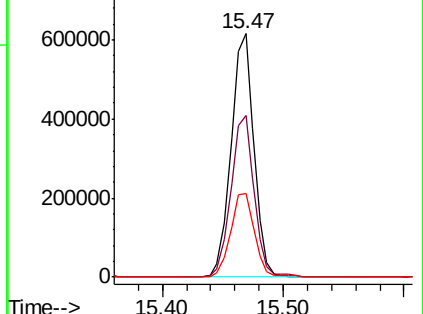
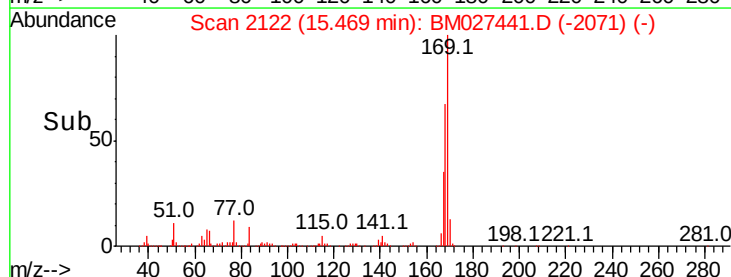
167 34.6 29.0 43.4

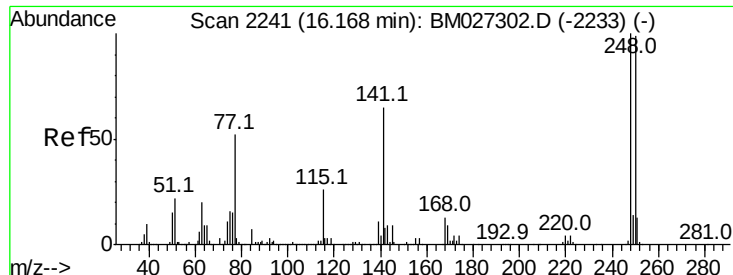


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

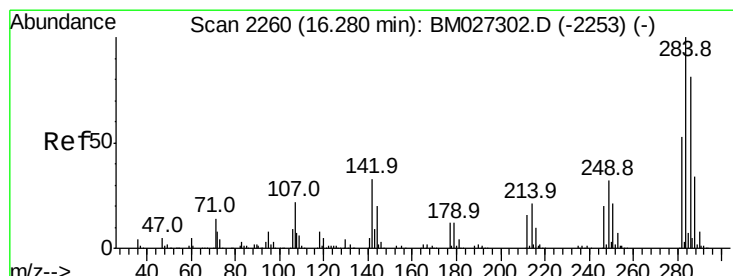
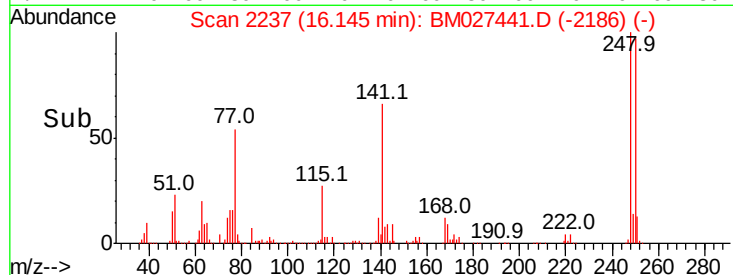
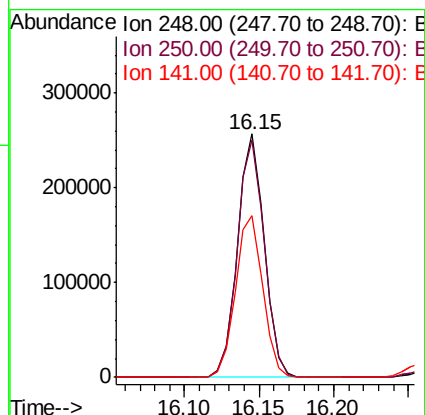
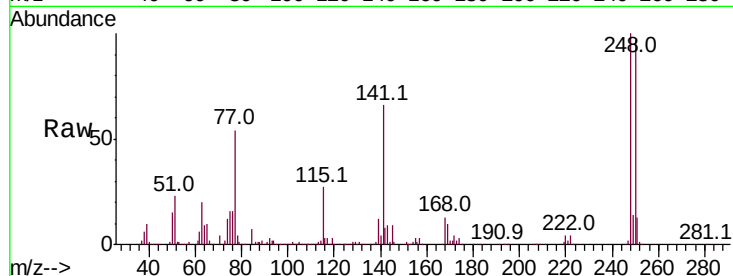




#67
4-Bromophenyl-phenylether
Concen: 37.937 ng
RT: 16.15 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

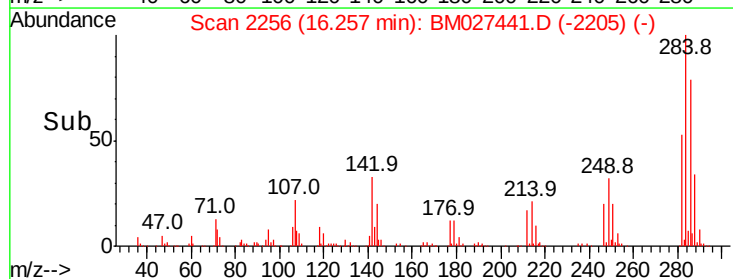
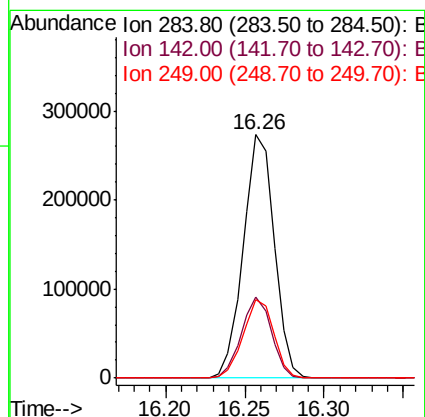
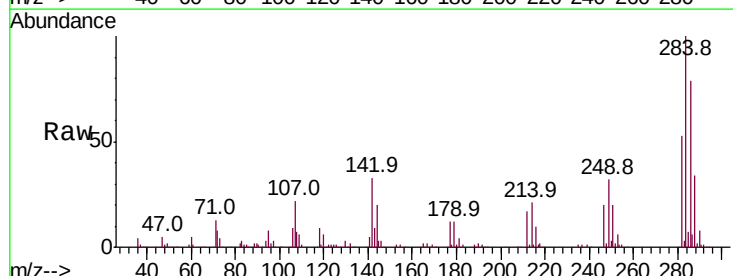
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

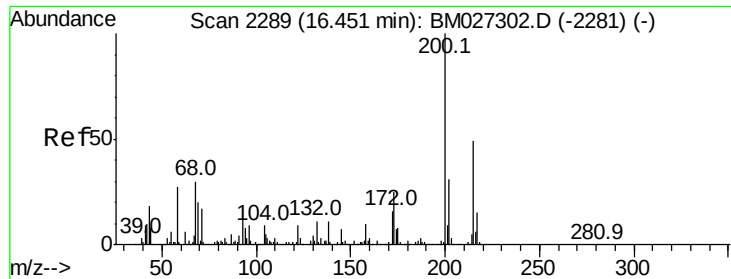
Tot Ion:248 Resp: 319843
Ion Ratio Lower Upper
248 100
250 97.2 79.1 118.7
141 66.5 51.8 77.8



#68
Hexachlorobenzene
Concen: 37.667 ng
RT: 16.26 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:284 Resp: 370695
Ion Ratio Lower Upper
284 100
142 33.3 26.1 39.1
249 32.2 25.6 38.4

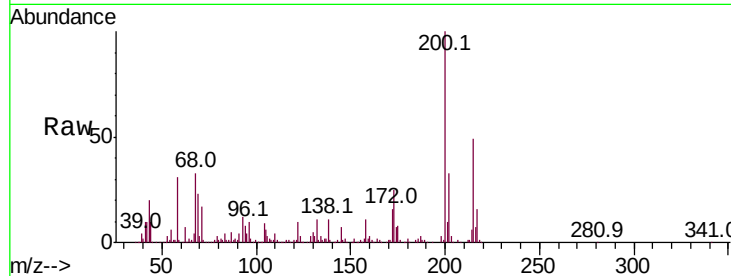




#69
 Atrazine
 Concen: 44.349 ng
 RT: 16.43 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	4.9	44.9
215	48.6	29.0	69.0

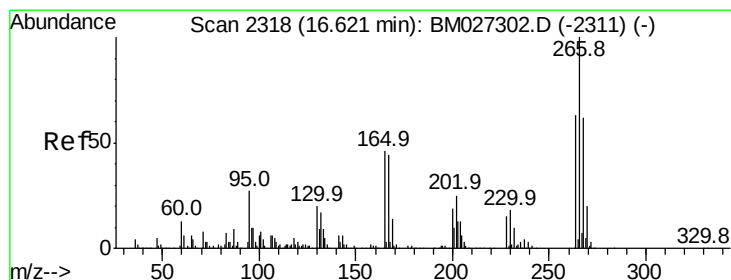
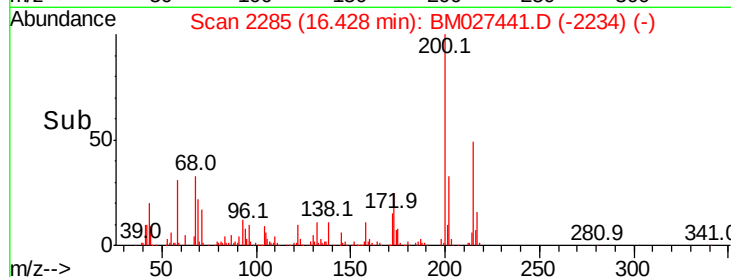
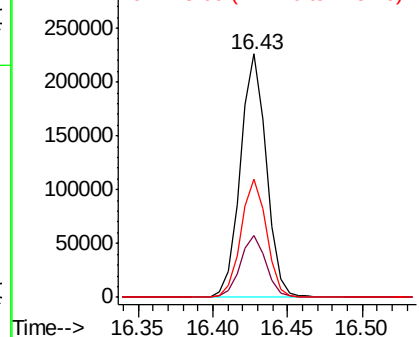


Abundance

Ion 200.00 (199.70 to 200.70): E

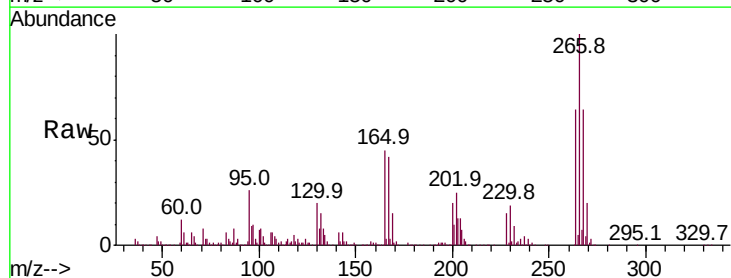
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 78.547 ng
 RT: 16.60 min Scan# 2315
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.9	74.9
264	64.0	50.6	76.0

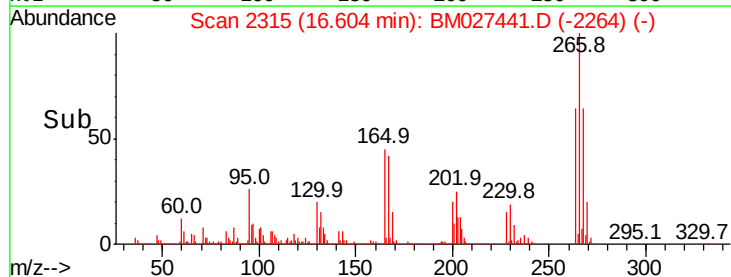
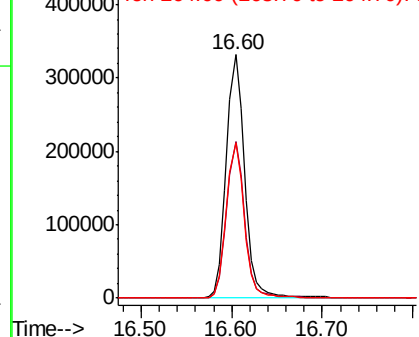


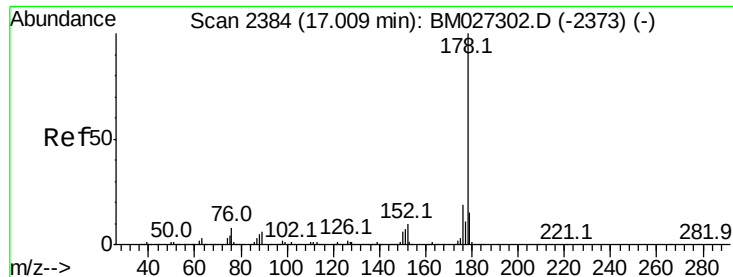
Abundance

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

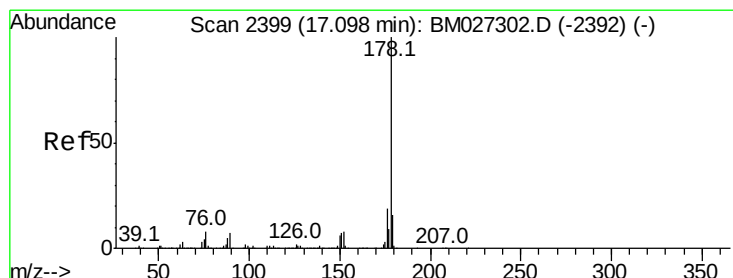
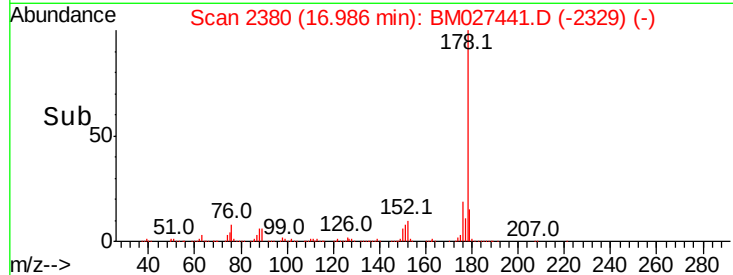
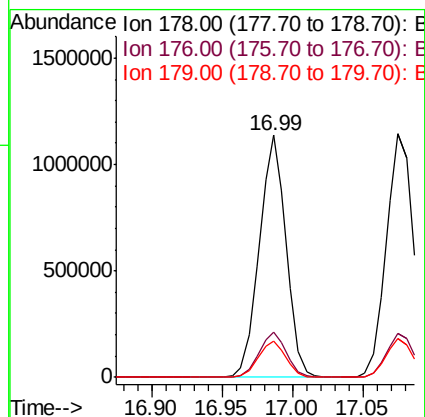
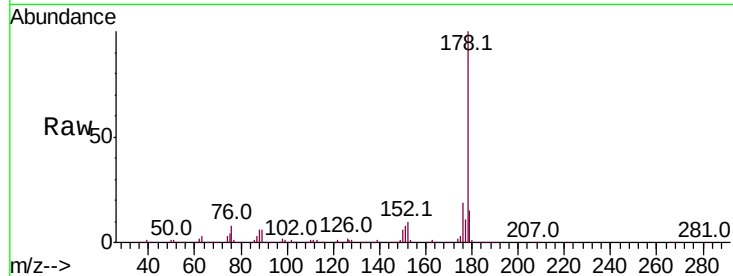




#71
Phenanthrene
Concen: 38.220 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

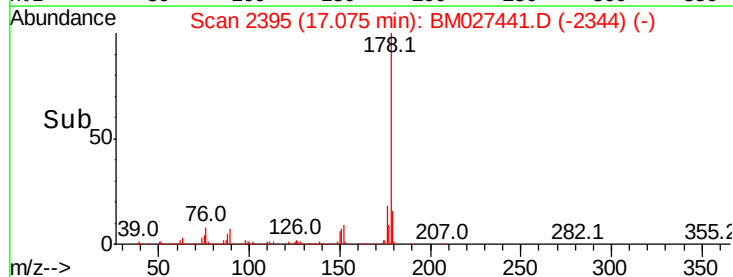
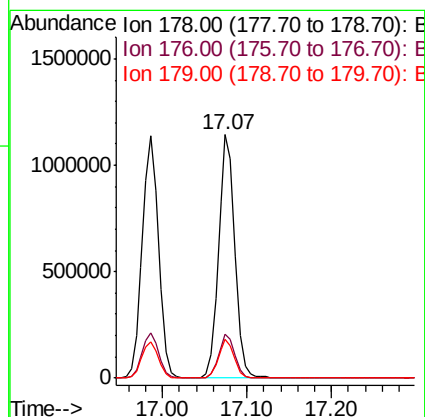
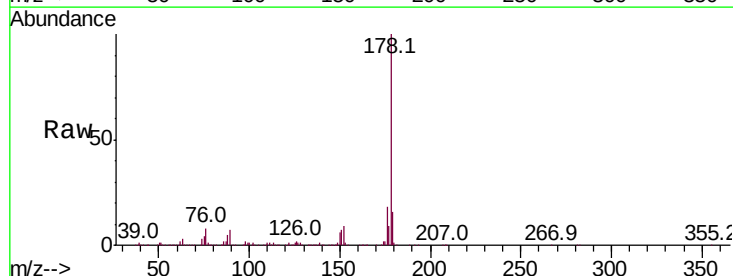
Instrument :
BNA_M
ClientSampleId :
PB131588BSD

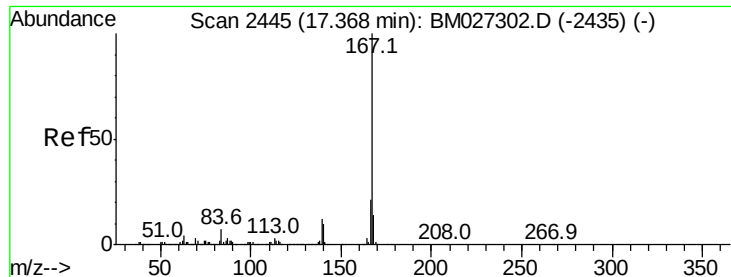
Tot Ion:178 Resp: 1517625
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.2 18.4



#72
Anthracene
Concen: 38.773 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM027441.D
Acq: 16 Sep 2020 14:09

Tgt Ion:178 Resp: 1553825
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.8 12.5 18.7



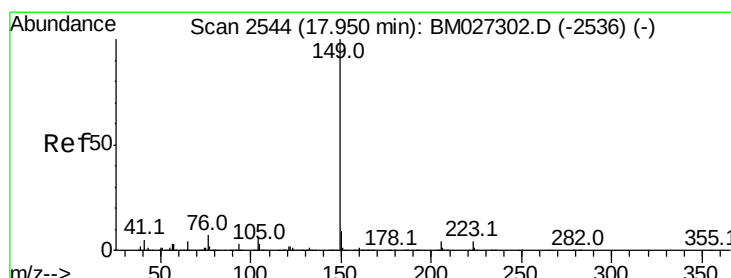
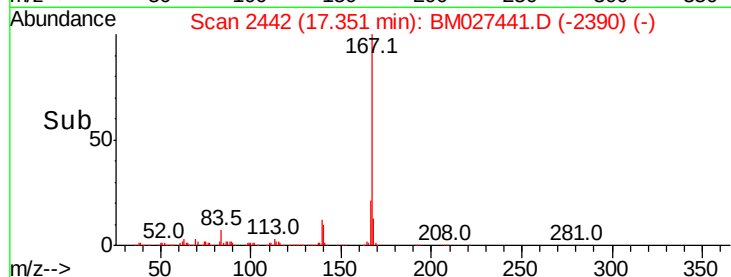
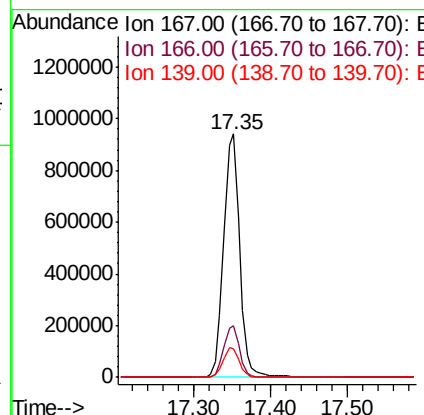
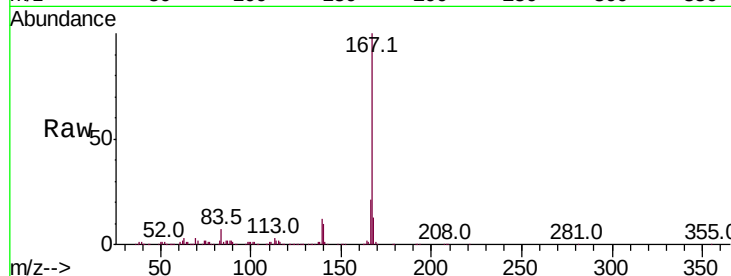


#73
 Carbazole
 Concen: 38.825 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. 0.01 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

Tot Ion:167 Resp: 1358197

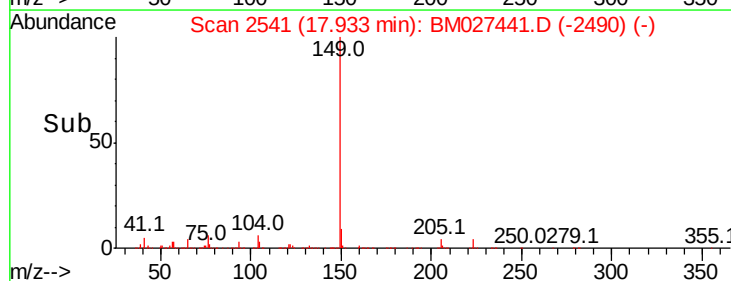
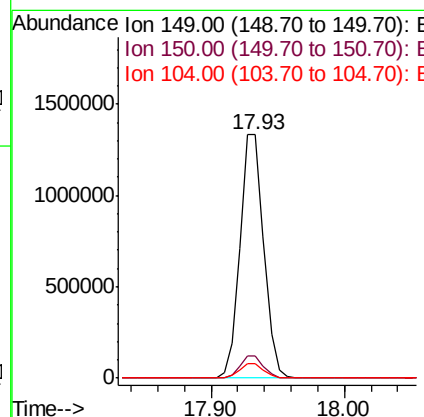
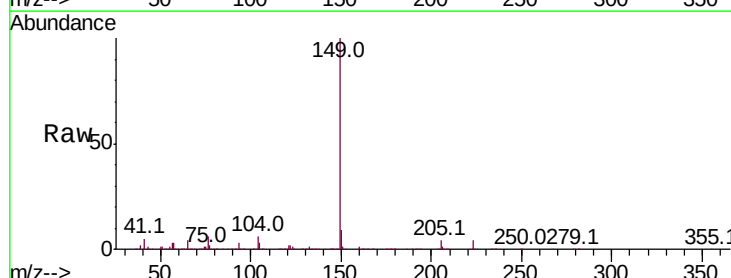
Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.9	25.3
139	12.0	9.9	14.9

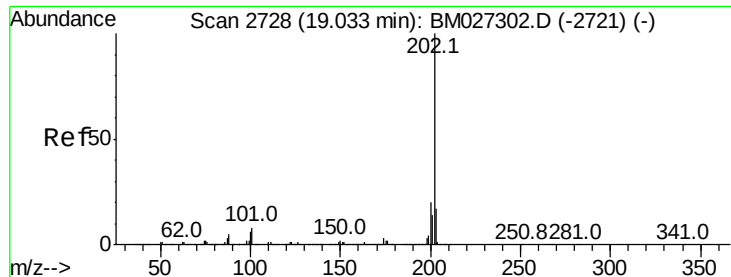


#74
 Di-n-butylphthalate
 Concen: 39.304 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion:149 Resp: 1653960

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 38.703 ng

RT: 19.01 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

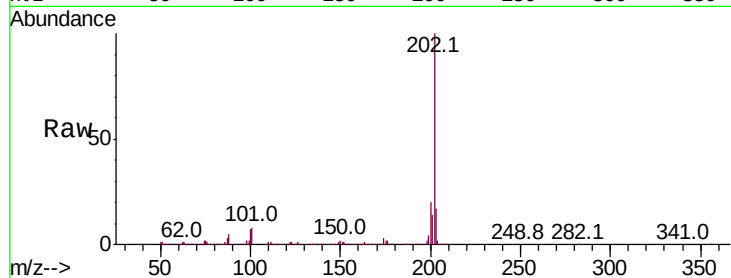
Tot Ion:202 Resp: 1864231

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.5

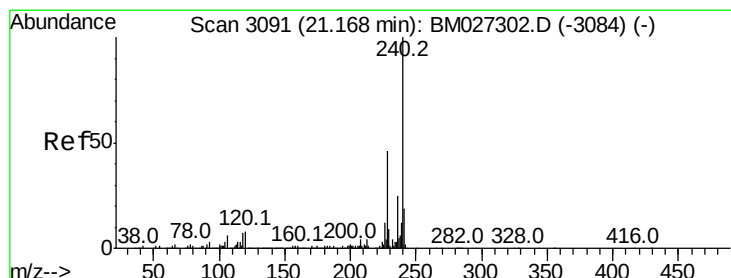
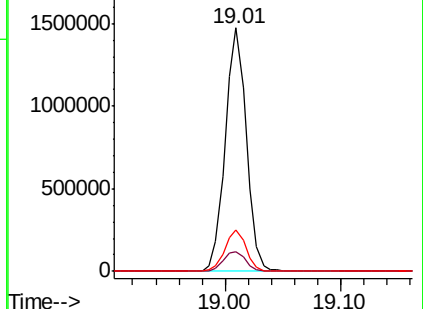
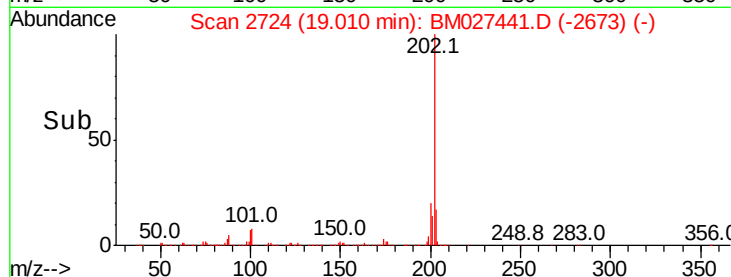
203 17.3 0.0 37.3



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: 21.15 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

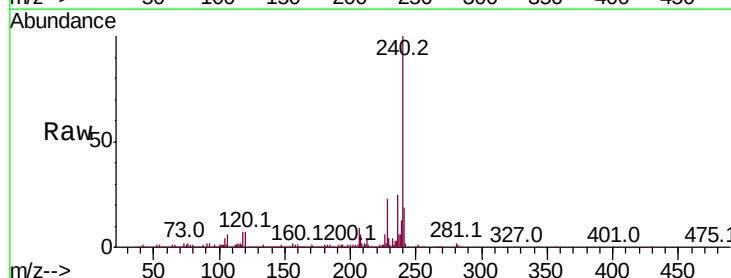
Tgt Ion:240 Resp: 765048

Ion Ratio Lower Upper

240 100

120 7.2 6.4 9.6

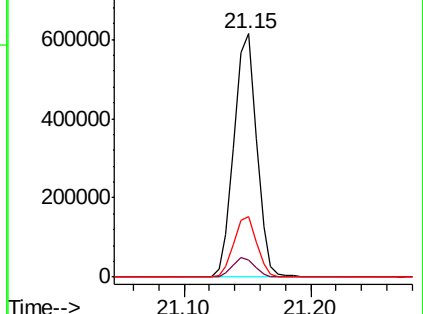
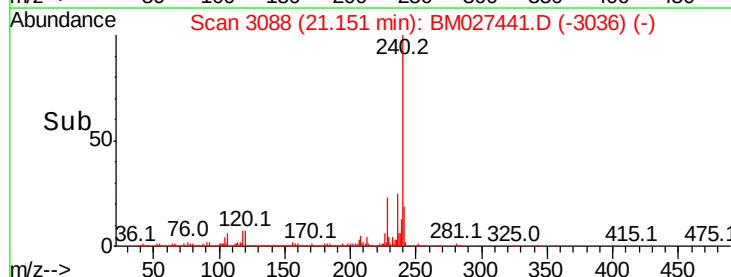
236 24.8 20.1 30.1

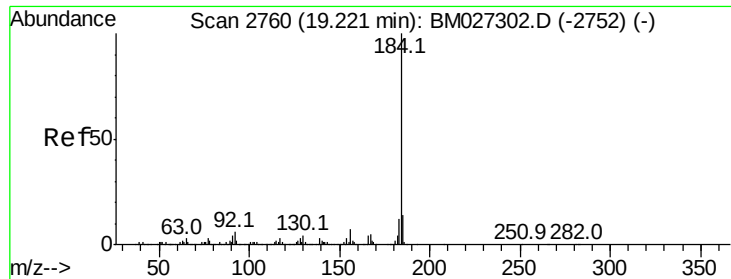


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.772 ng

RT: 19.20 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

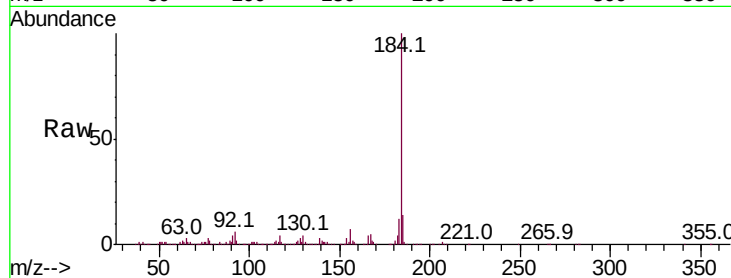
Tot Ion:184 Resp: 961963

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.0	16.6
183	11.9	9.7	14.5

184 100

185 14.2 11.0 16.6

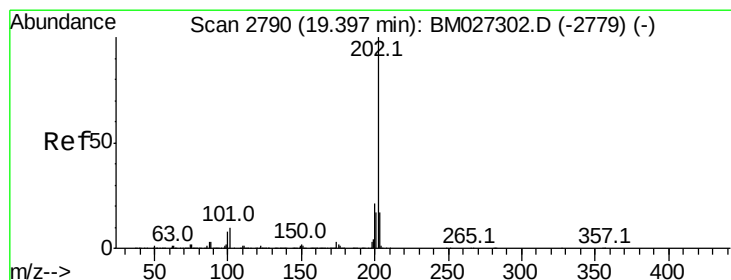
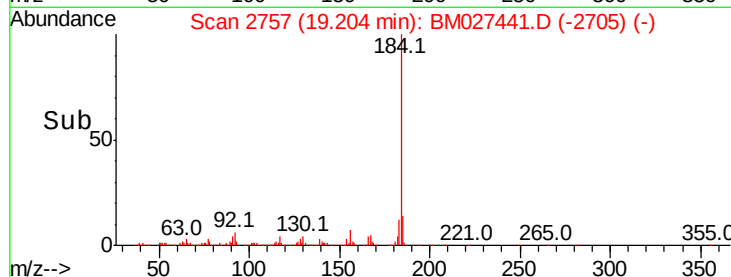
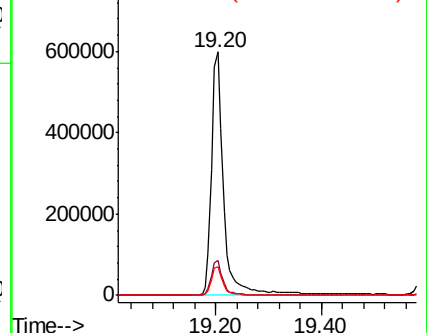
183 11.9 9.7 14.5



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: 37.151 ng

RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

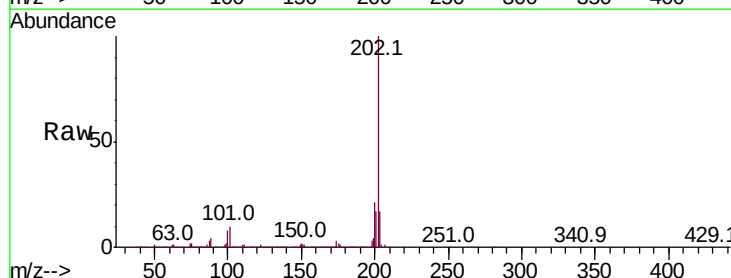
Tgt Ion:202 Resp: 1938325

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.3	13.8	20.6

202 100

200 20.6 16.6 24.8

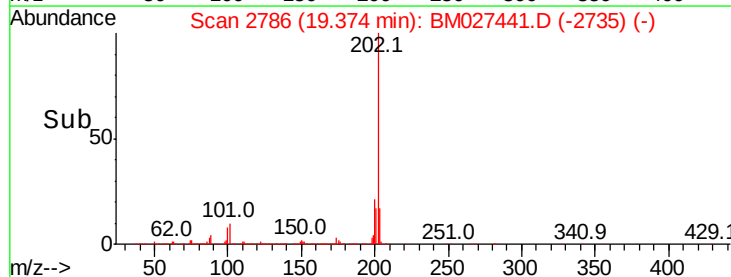
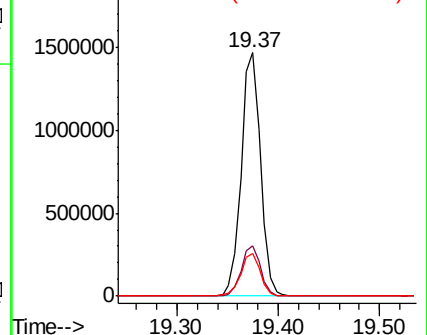
203 17.3 13.8 20.6

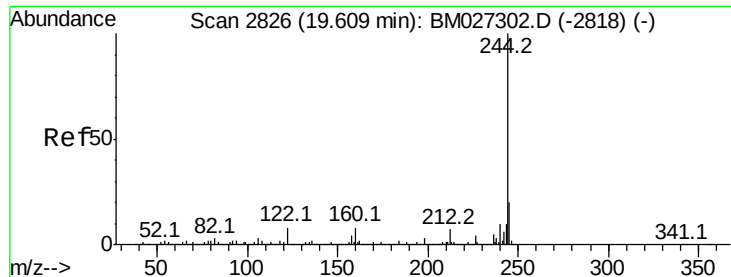


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.349 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

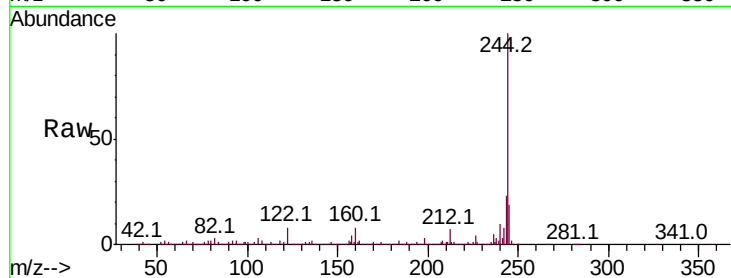
Tot Ion:244 Resp: 2784631

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

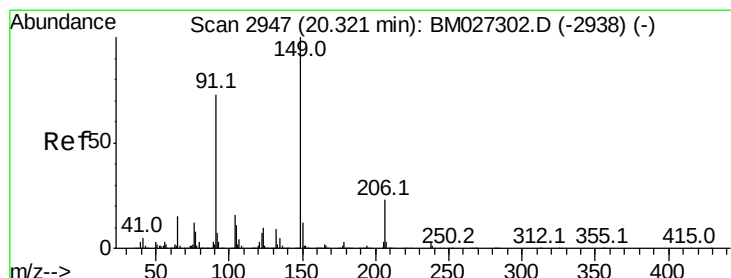
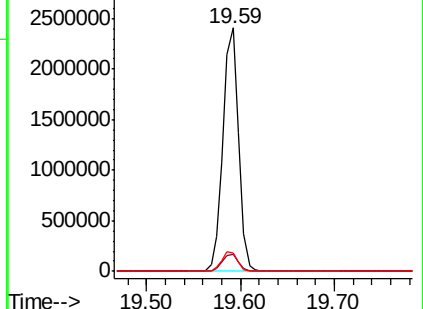
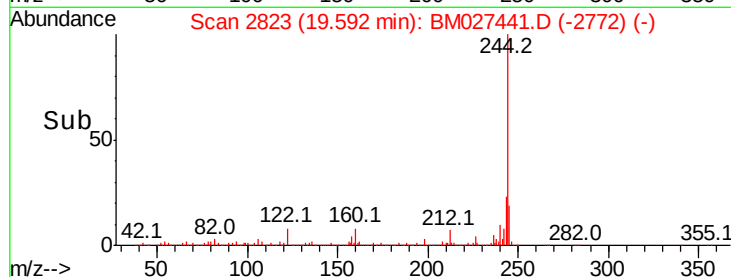
122 7.6 6.5 9.7



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: 35.712 ng

RT: 20.30 min Scan# 2943

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

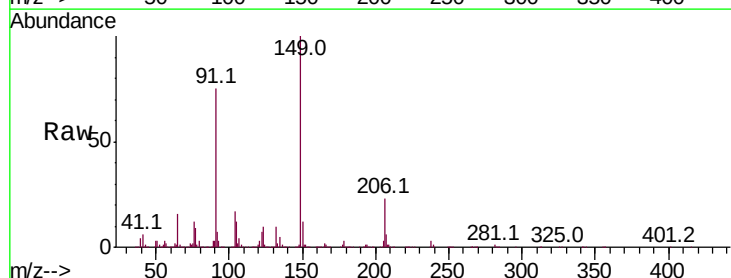
Tgt Ion:149 Resp: 768241

Ion Ratio Lower Upper

149 100

91 75.0 58.1 87.1

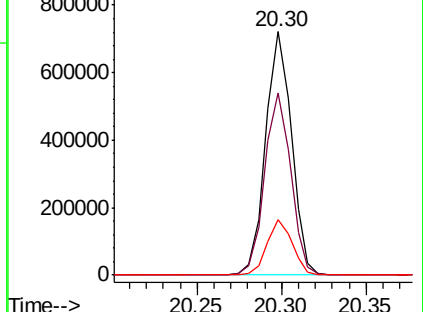
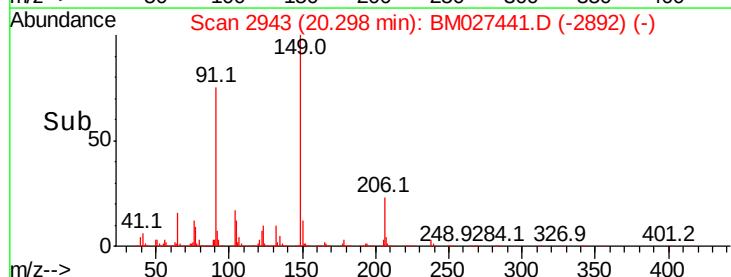
206 22.6 18.7 28.1

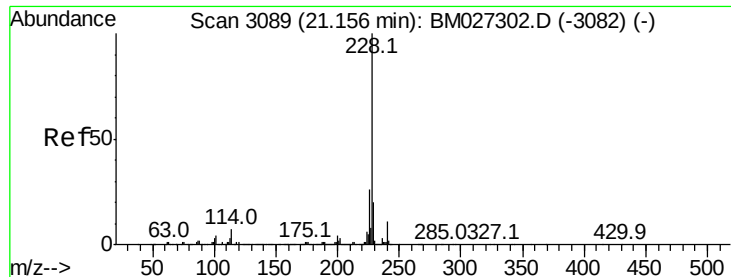


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.817 ng

RT: 21.13 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

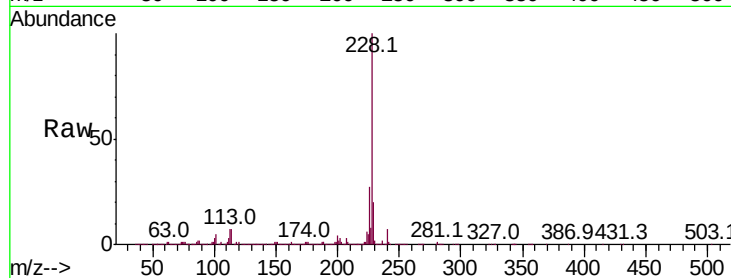
Tot Ion:228 Resp: 1982705

Ion Ratio Lower Upper

228 100

226 26.7 21.1 31.7

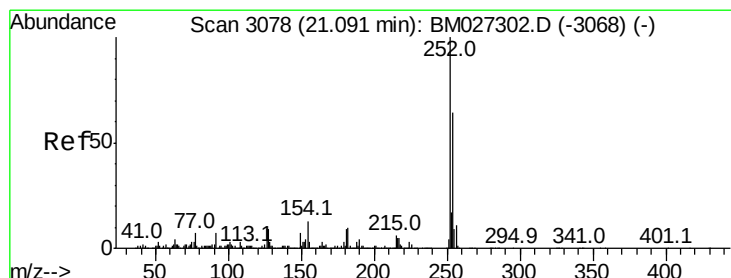
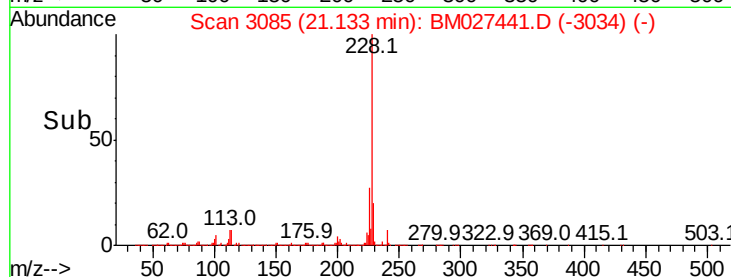
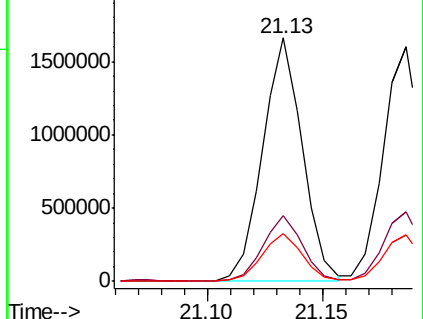
229 19.7 15.7 23.5



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



#82

3,3'-Dichlorobenzidine

Concen: 30.056 ng

RT: 21.07 min Scan# 3075

Delta R.T. 0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

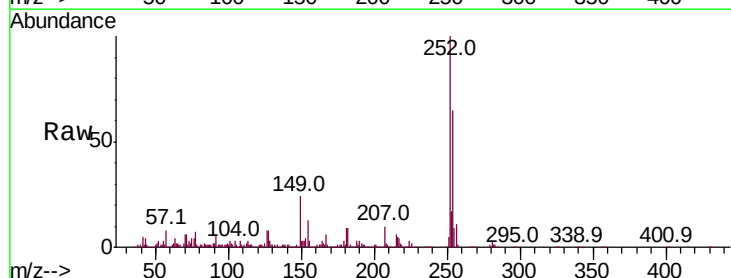
Tgt Ion:252 Resp: 620770

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

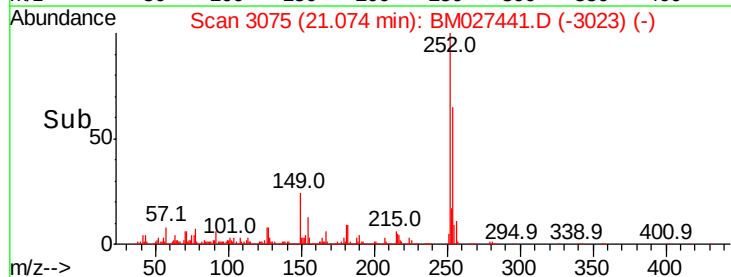
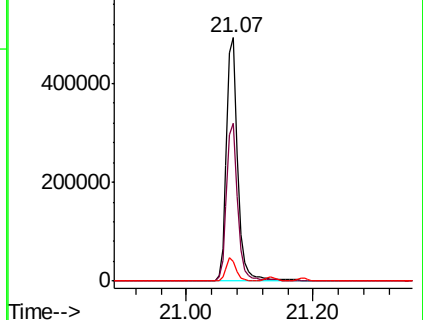
126 8.2 6.8 10.2

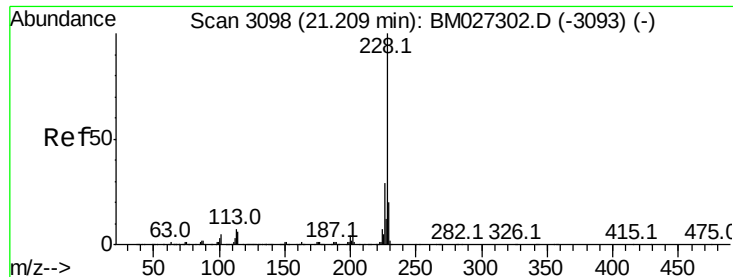


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.572 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

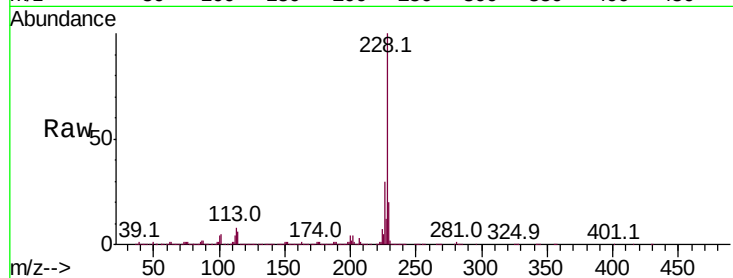
BNA_M

ClientSampleId :

PB131588BSD

Tot Ion:228 Resp: 1914617

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	19.9	15.7	23.5



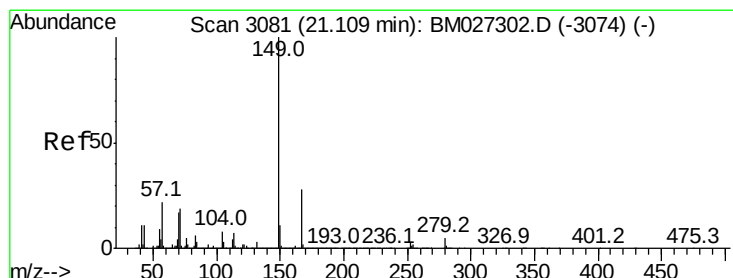
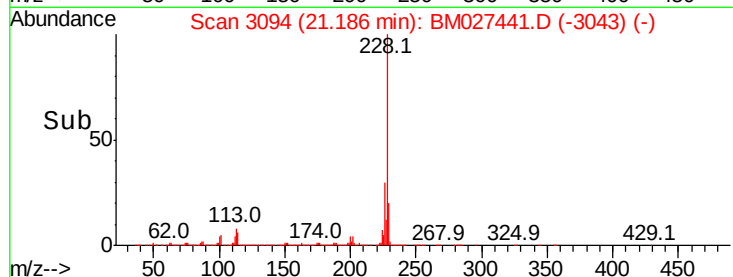
Abundance

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

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.647 ng

RT: 21.09 min Scan# 3077

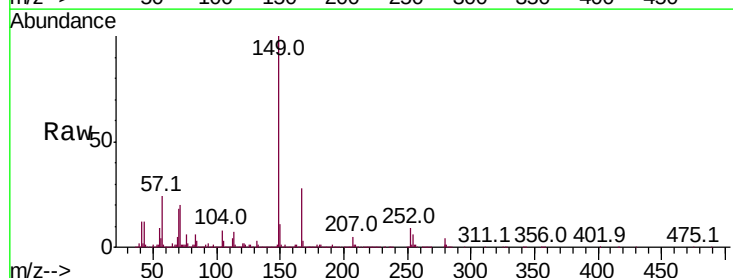
Delta R.T. -0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Tgt Ion:149 Resp: 1151922

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.7	34.1
279	4.5	4.0	6.0



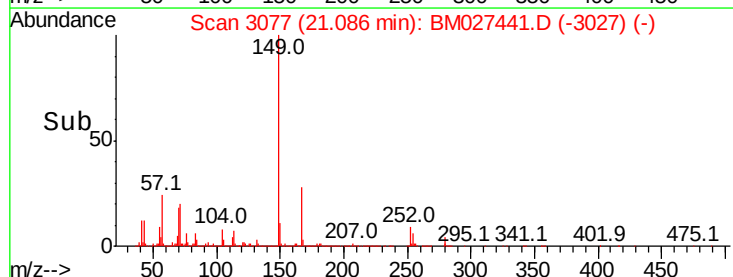
Abundance

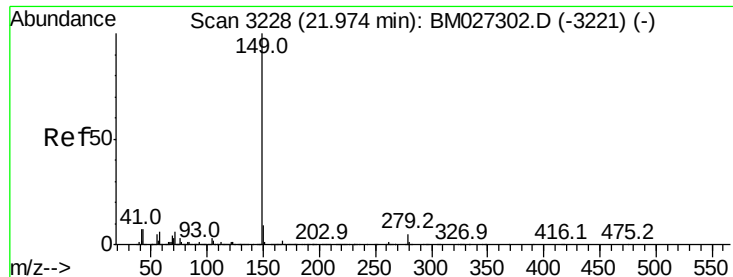
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#85

Di-n-octyl phthalate

Concen: 41.317 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

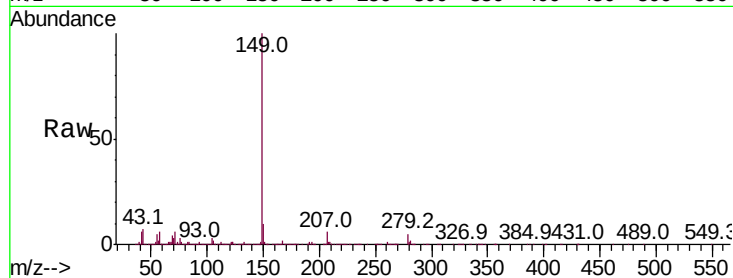
Tot Ion:149 Resp: 1949001

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

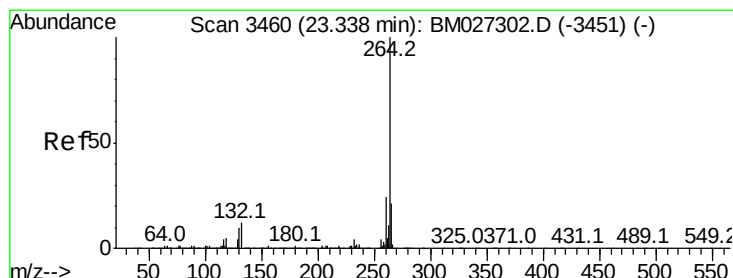
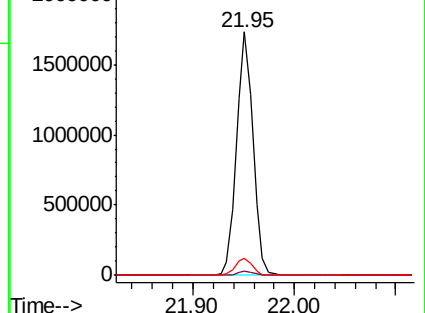
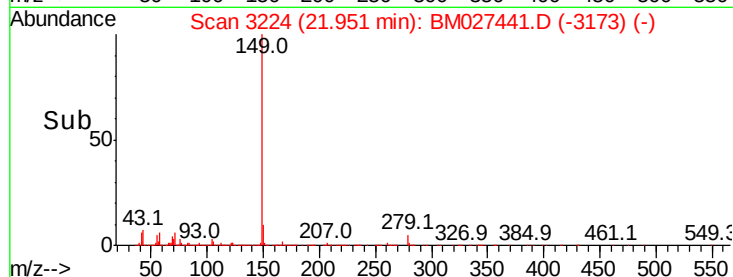
43 7.0 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.31 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

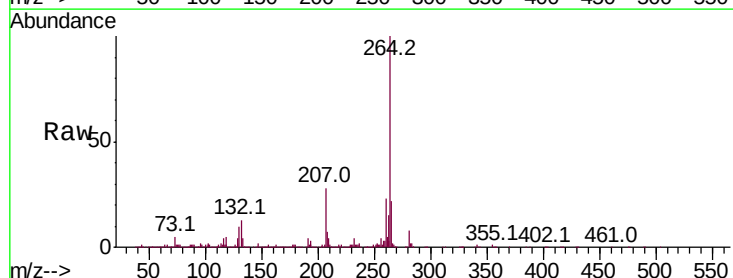
Tgt Ion:264 Resp: 741636

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

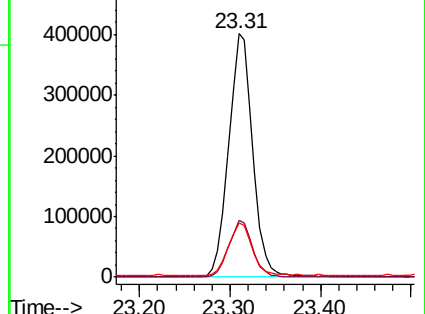
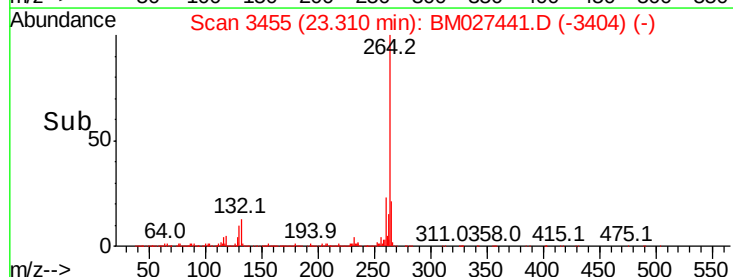
265 22.3 17.7 26.5

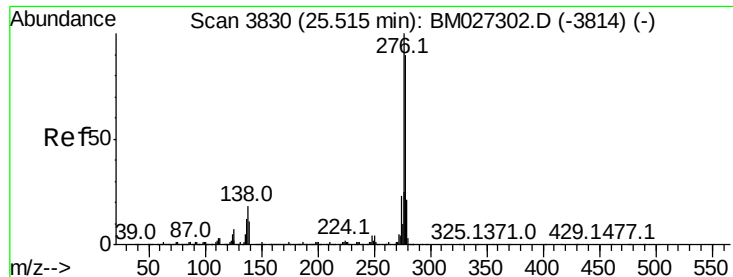


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

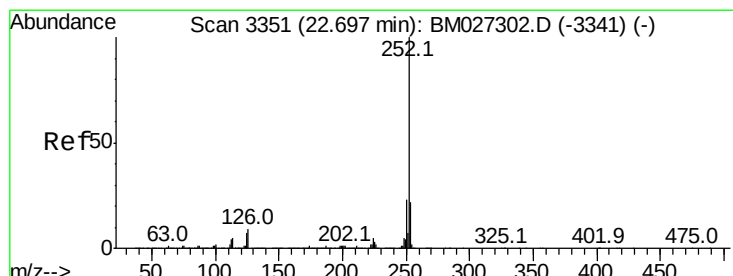
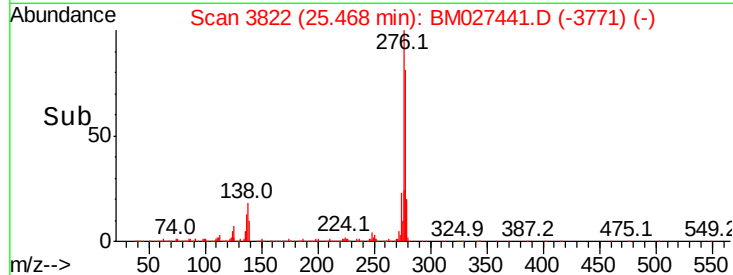
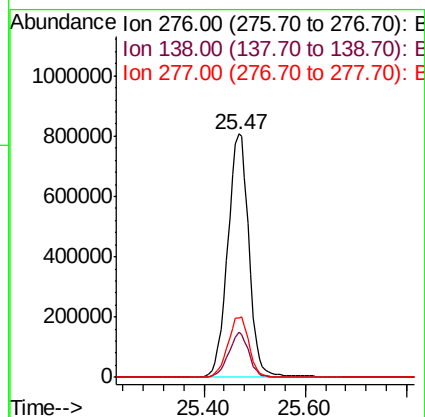
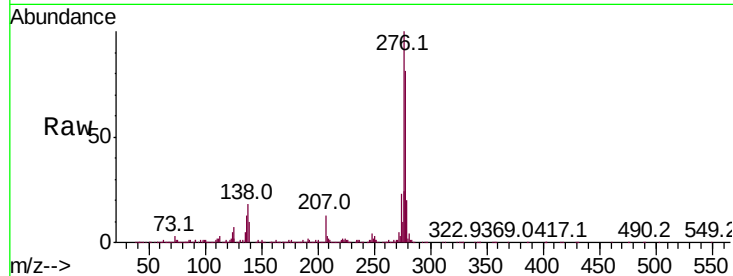




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.631 ng
 RT: 25.47 min Scan# 3822
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

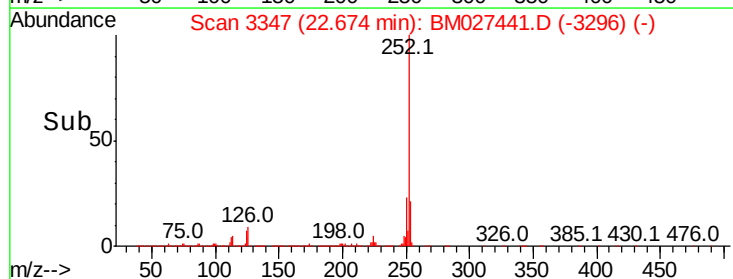
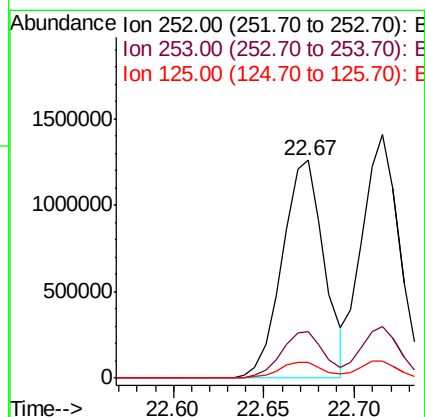
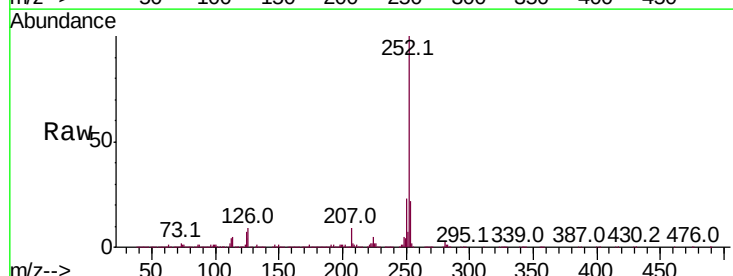
Instrument :
 BNA_M
 ClientSampleId :
 PB131588BSD

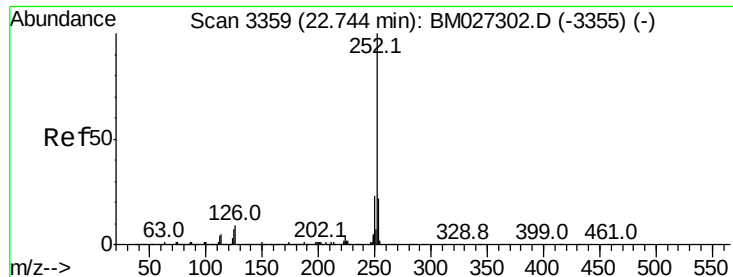
Tot Ion:276 Resp: 2345126
 Ion Ratio Lower Upper
 276 100
 138 17.7 14.2 21.4
 277 24.9 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 39.386 ng
 RT: 22.67 min Scan# 3347
 Delta R.T. 0.00 min
 Lab File: BM027441.D
 Acq: 16 Sep 2020 14:09

Tgt Ion:252 Resp: 2031813
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.0
 125 7.0 5.7 8.5





#89

Benzo(k)fluoranthene

Concen: 40.840 ng

RT: 22.72 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

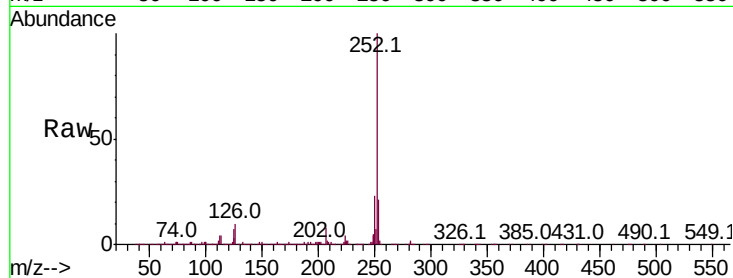
Tot Ion:252 Resp: 2036821

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

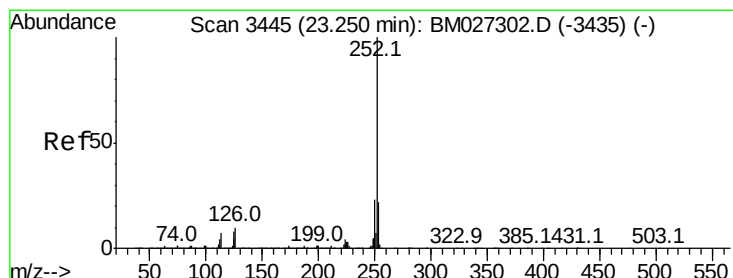
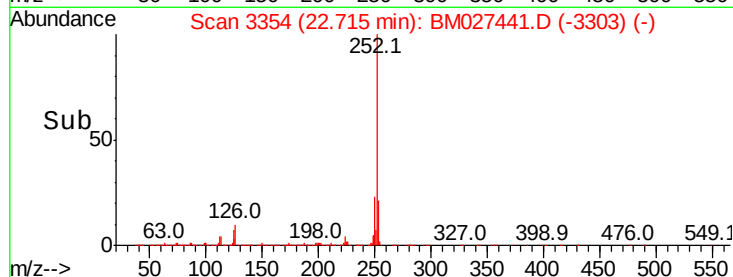
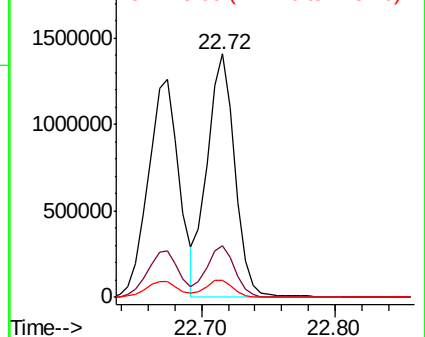
125 7.1 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.089 ng

RT: 23.22 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

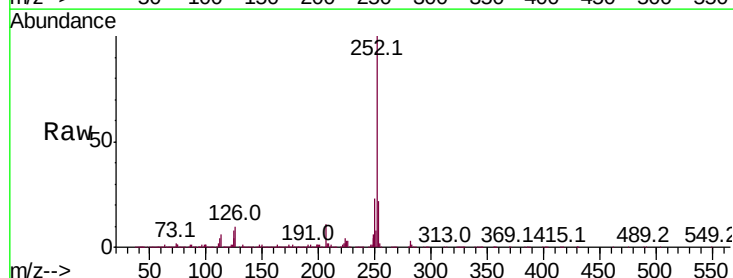
Tgt Ion:252 Resp: 1836360

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

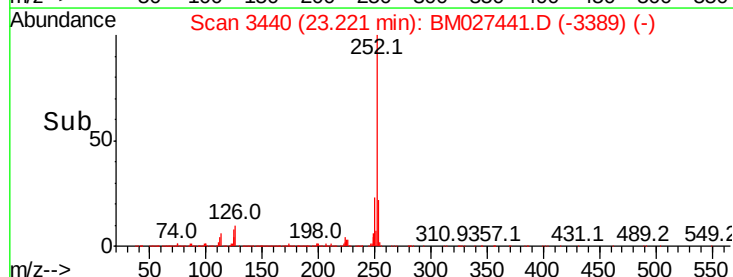
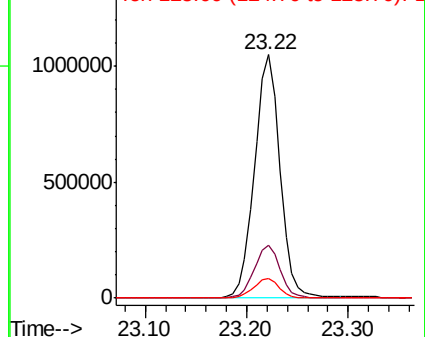
125 7.9 6.6 9.8

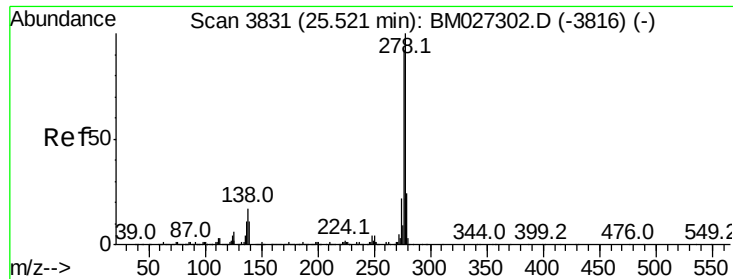


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.347 ng

RT: 25.47 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

Instrument :

BNA_M

ClientSampleId :

PB131588BSD

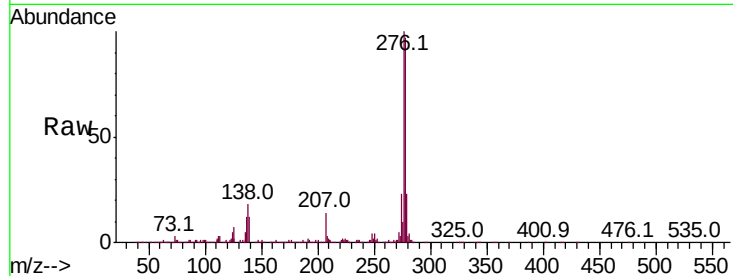
Tot Ion:278 Resp: 1968807

Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.0	13.6
279	24.0	19.0	28.4

278 100

139 11.8 9.0 13.6

279 24.0 19.0 28.4

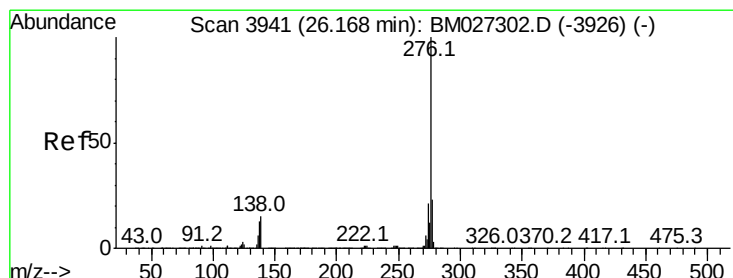
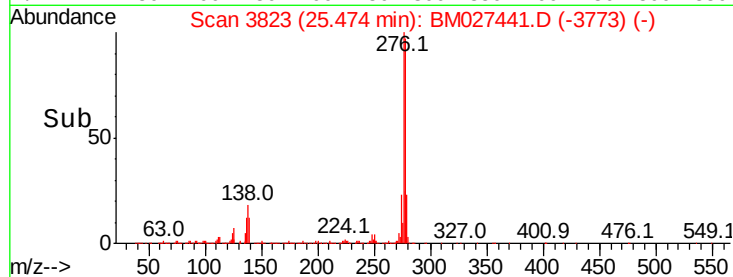
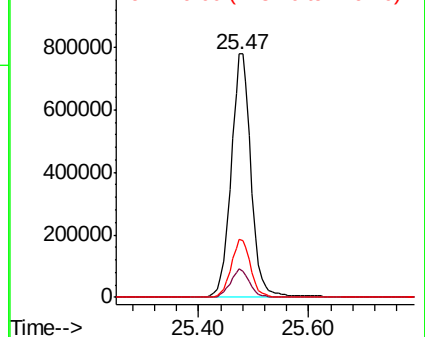


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.024 ng

RT: 26.12 min Scan# 3933

Delta R.T. 0.00 min

Lab File: BM027441.D

Acq: 16 Sep 2020 14:09

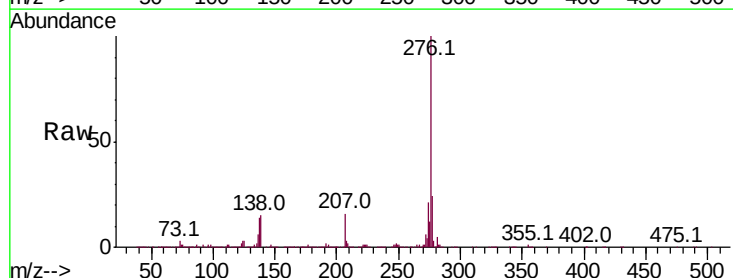
Tgt Ion:276 Resp: 1965957

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	15.0	12.2	18.2

276 100

277 24.0 18.6 28.0

138 15.0 12.2 18.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

