

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027188.D
 Acq On : 22 Aug 2020 02:19
 Operator : JU/CG
 Sample : L3746-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 359MSD

Quant Time: Aug 22 05:34:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119825	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	418115	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	246222	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	502358	20.00	ng	0.00
76) Chrysene-d12	21.19	240	588003	20.00	ng	0.00
86) Perylene-d12	23.37	264	687361	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	765650	124.56	ng	0.00
7) Phenol-d6	6.80	99	978119	115.90	ng	0.00
23) Nitrobenzene-d5	8.76	82	766043	75.59	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	395621	99.22	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1219856	65.08	ng	0.00
79) Terphenyl-d14	19.63	244	1550543	49.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	110109	37.486	ng	97
3) Pyridine	3.59	79	278773	33.808	ng	96
4) n-Nitrosodimethylamine	3.49	42	125789	34.969	ng	# 78
6) Aniline	6.95	93	299968	31.289	ng	99
8) 2-Chlorophenol	7.19	128	293922	45.951	ng	98
9) Benzaldehyde	6.76	77	218054	37.737	ng	99
10) Phenol	6.83	94	386914	48.106	ng	90
11) bis(2-Chloroethyl)ether	7.05	93	299849	45.609	ng	97
12) 1,3-Dichlorobenzene	7.50	146	361841	40.420	ng	97
13) 1,4-Dichlorobenzene	7.65	146	369482	40.907	ng	99
14) 1,2-Dichlorobenzene	7.96	146	350947	40.967	ng	98
15) Benzyl Alcohol	7.85	79	310224	40.442	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.14	45	220136	41.737	ng	93
17) 2-Methylphenol	8.06	107	240864	43.281	ng	93
18) Hexachloroethane	8.68	117	139605	38.087	ng	97
19) n-Nitroso-di-n-propylamine	8.42	70	255281	39.408	ng	96
20) 3+4-Methylphenols	8.39	107	318853	42.818	ng	96
22) Acetophenone	8.43	105	446059	39.695	ng	95
24) Nitrobenzene	8.80	77	391333	38.150	ng	94
25) Isophorone	9.33	82	618563	41.671	ng	99
26) 2-Nitrophenol	9.50	139	154854	48.365	ng	91
27) 2,4-Dimethylphenol	9.57	122	246438	49.572	ng	97
28) bis(2-Chloroethoxy)methane	9.81	93	356405	39.346	ng	99
29) 2,4-Dichlorophenol	10.04	162	283496	40.890	ng	97
30) 1,2,4-Trichlorobenzene	10.25	180	347665	38.198	ng	99
31) Naphthalene	10.43	128	860588	40.609	ng	99
32) Benzoic acid	9.71	122	150043	37.336	ng	90
33) 4-Chloroaniline	10.55	127	138349	15.802	ng	95
34) Hexachlorobutadiene	10.73	225	226955	37.375	ng	98
35) Caprolactam	11.32	113	56311	29.962	ng	95
36) 4-Chloro-3-methylphenol	11.68	107	274701	38.330	ng	97
37) 2-Methylnaphthalene	12.05	142	627903	39.126	ng	98
38) 1-Methylnaphthalene	12.27	142	587155	37.941	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	387056	44.636	ng	98

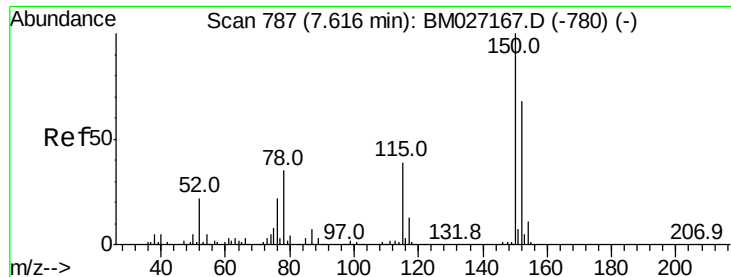
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	460245	96.024	ng	99
43) 2,4,6-Trichlorophenol	12.67	196	229252	42.816	ng	99
44) 2,4,5-Trichlorophenol	12.75	196	240259	42.315	ng	98
46) 1,1'-Biphenyl	13.08	154	802593	43.491	ng	99
47) 2-Chloronaphthalene	13.12	162	632948	40.227	ng	98
48) 2-Nitroaniline	13.32	65	192263	38.287	ng	93
49) Acenaphthylene	13.97	152	947932	43.321	ng	99
50) Dimethylphthalate	13.72	163	892052	44.624	ng	99
51) 2,6-Dinitrotoluene	13.82	165	164087	41.281	ng	93
52) Acenaphthene	14.32	154	572337	41.203	ng	99
53) 3-Nitroaniline	14.15	138	104064	27.146	ng	95
54) 2,4-Dinitrophenol	14.36	184	114485	55.166	ng	86
55) Dibenzofuran	14.65	168	933750	40.353	ng	96
56) 4-Nitrophenol	14.47	139	277290	90.639	ng	89
57) 2,4-Dinitrotoluene	14.62	165	221676	40.142	ng	92
58) Fluorene	15.30	166	745415	39.020	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.88	232	217929	39.183	ng	98
60) Diethylphthalate	15.09	149	712674	35.937	ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	401992	36.638	ng	96
62) 4-Nitroaniline	15.32	138	142326	33.085	ng	91
63) Azobenzene	15.59	77	752375	36.978	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	95164	38.572	ng	98
66) n-Nitrosodiphenylamine	15.52	169	633217	44.380	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	247810	40.857	ng	93
68) Hexachlorobenzene	16.31	284	286370	39.757	ng	95
69) Atrazine	16.47	200	205020	37.954	ng	99
70) Pentachlorophenol	16.66	266	406055	104.225	ng	98
71) Phenanthrene	17.04	178	1172081	41.970	ng	99
72) Anthracene	17.13	178	1174638	43.999	ng	99
73) Carbazole	17.40	167	1044627	42.540	ng	100
74) Di-n-butylphthalate	17.98	149	1152653	40.641	ng	99
75) Fluoranthene	19.06	202	1462513	41.924	ng	99
77) Benzidine	19.24	184	884238	86.695	ng	99
78) Pyrene	19.42	202	1505147	42.068	ng	99
80) Butylbenzylphthalate	20.34	149	550891	42.125	ng	98
81) Benzo(a)anthracene	21.17	228	1606335	42.158	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	568320	42.800	ng	98
83) Chrysene	21.23	228	1559298	42.137	ng	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	796870	42.813	ng	99
85) Di-n-octyl phthalate	22.00	149	1466041	47.741	ng	99
87) Indeno(1,2,3-cd)pyrene	25.56	276	2131466	39.620	ng	99
88) Benzo(b)fluoranthene	22.73	252	1780754	38.851	ng	100
89) Benzo(k)fluoranthene	22.77	252	1776075	39.577	ng	99
90) Benzo(a)pyrene	23.28	252	1648351	39.393	ng	99
91) Dibenzo(a,h)anthracene	25.57	278	1782989	39.821	ng	99
92) Benzo(g,h,i)perylene	26.23	276	1770140	41.035	ng	99

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

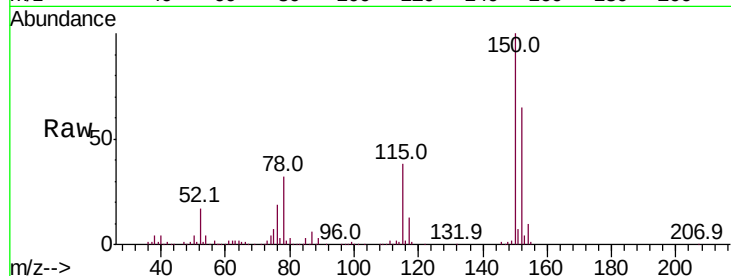


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Instrument :
BNA_M
ClientSampleId :
359MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	118.2	177.4
115	58.1	46.1	69.1

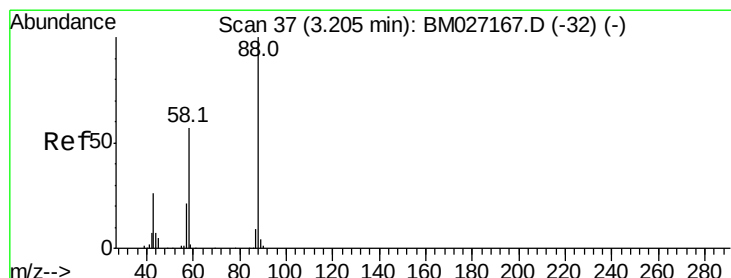
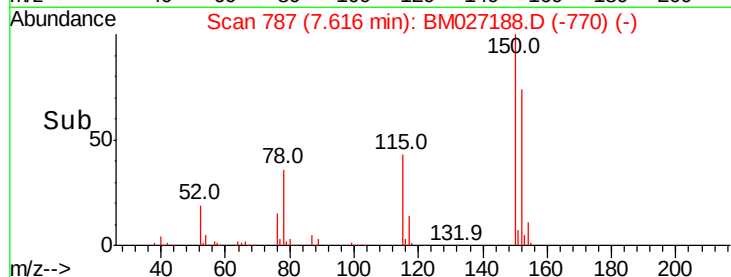
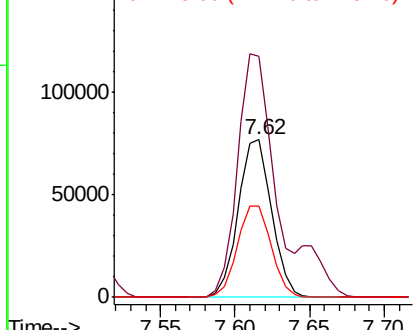


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

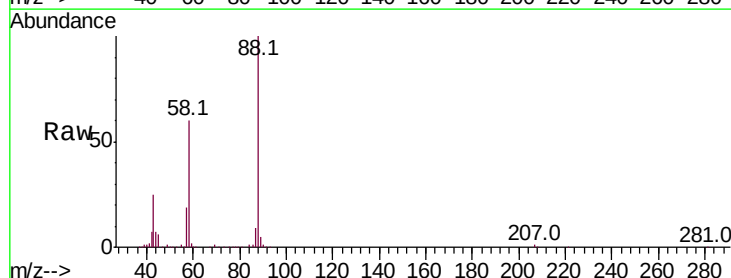
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.486 ng
RT: 3.20 min Scan# 37
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.4	46.2	69.2
43	23.6	20.0	30.0

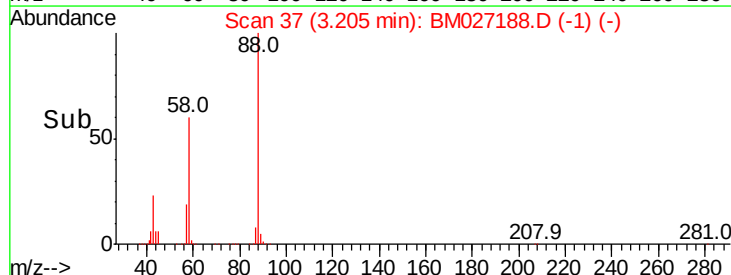
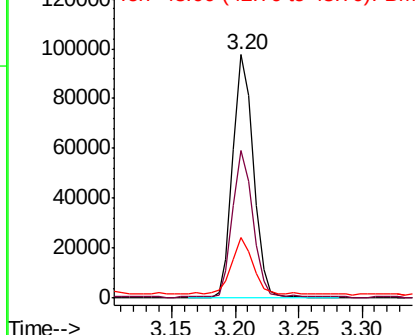


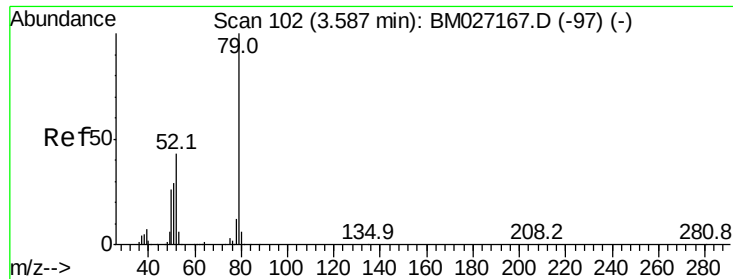
Abundance

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: 33.808 ng

RT: 3.59 min Scan# 102

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

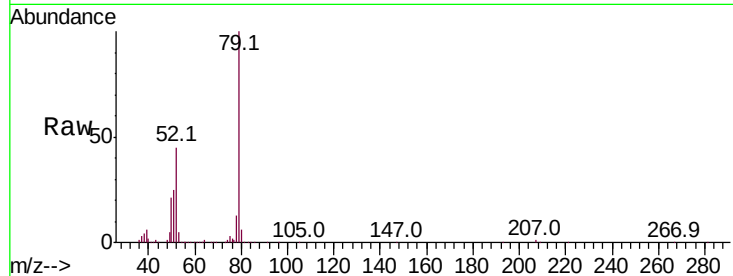
Tot Ion: 79 Resp: 278773

Ion Ratio Lower Upper

79 100

52 44.6 34.8 52.2

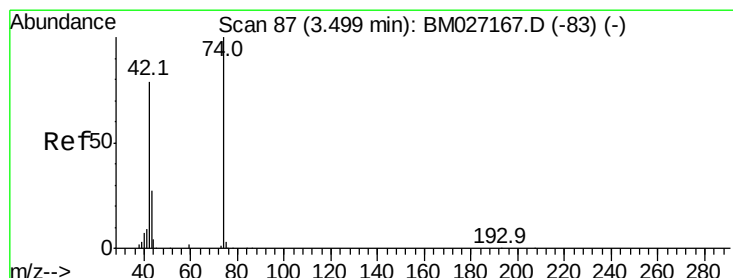
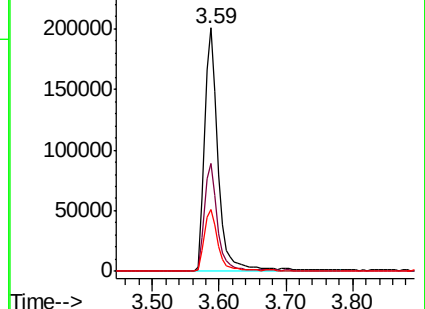
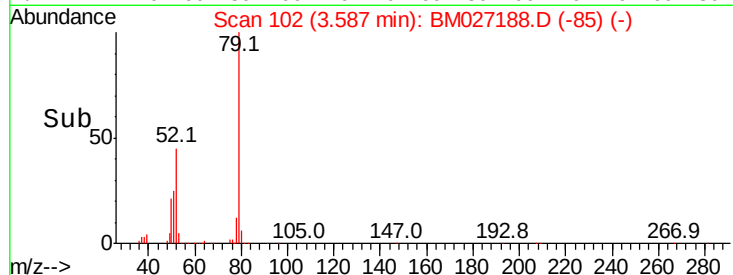
51 25.5 23.7 35.5



Abundance Ion 79.00 (78.70 to 79.70): BM027167.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM027167.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM027167.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 34.969 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

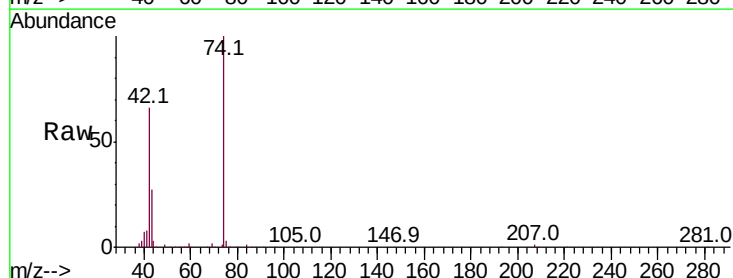
Tgt Ion: 42 Resp: 125789

Ion Ratio Lower Upper

42 100

74 151.7 101.0 151.4#

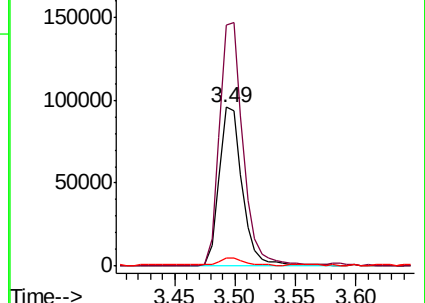
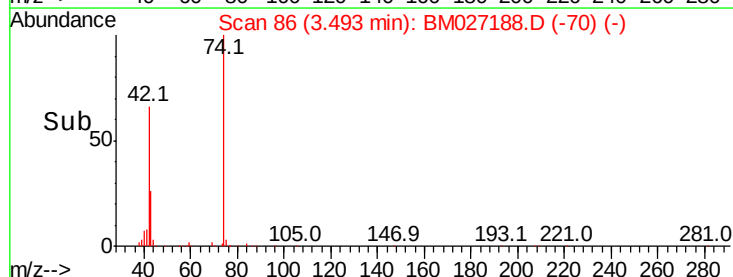
44 5.3 3.8 5.8

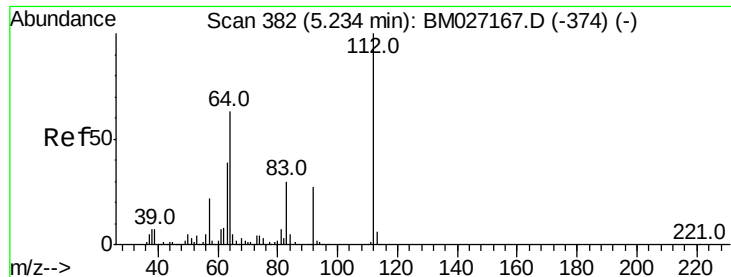


Abundance Ion 42.00 (41.70 to 42.70): BM027167.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM027167.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM027167.D (-83) (-)





#5

2-Fluorophenol

Concen: 124.565 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

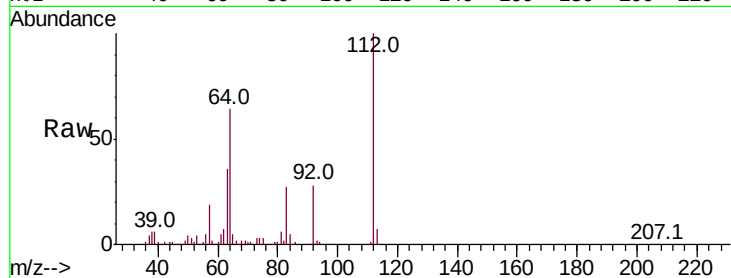
Tot Ion:112 Resp: 765650

Ion Ratio Lower Upper

112 100

64 63.6 50.0 75.0

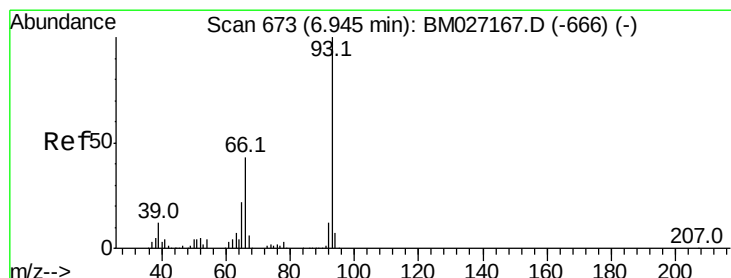
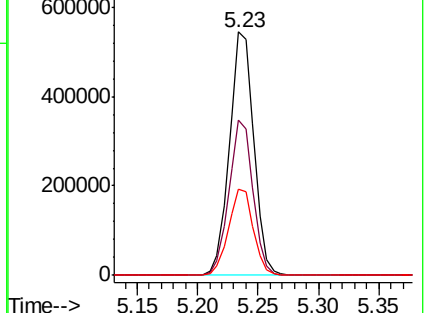
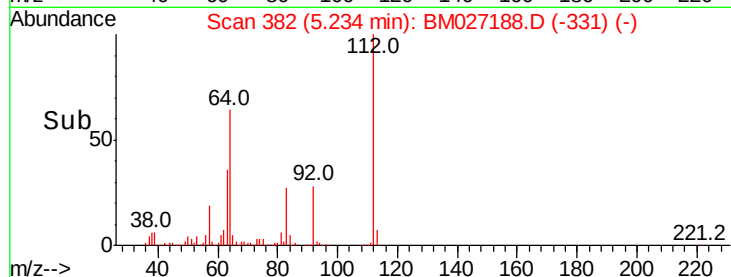
63 35.7 31.6 47.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.289 ng

RT: 6.95 min Scan# 673

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

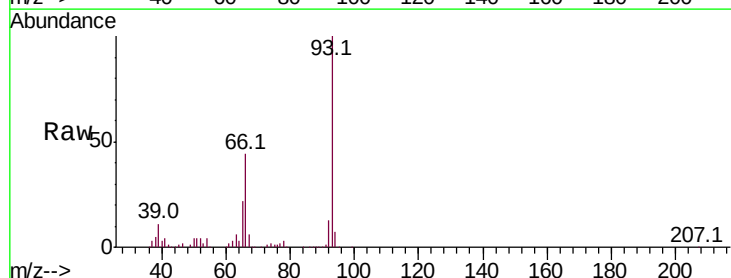
Tgt Ion: 93 Resp: 299968

Ion Ratio Lower Upper

93 100

66 43.8 34.2 51.2

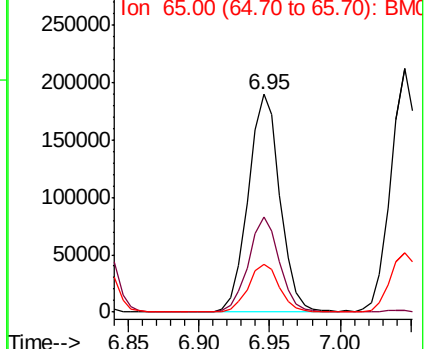
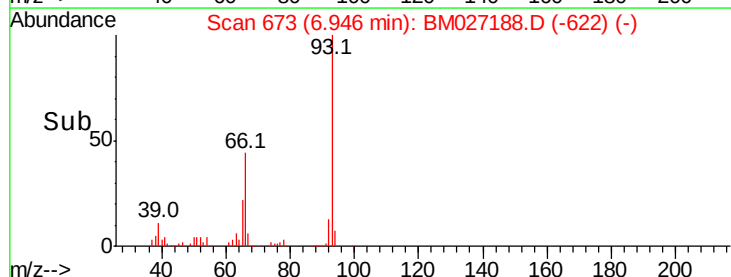
65 21.9 17.5 26.3

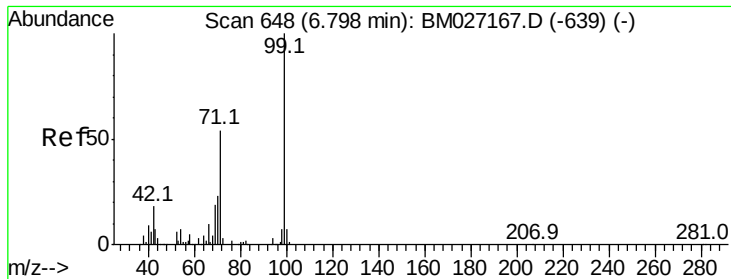


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 115.900 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

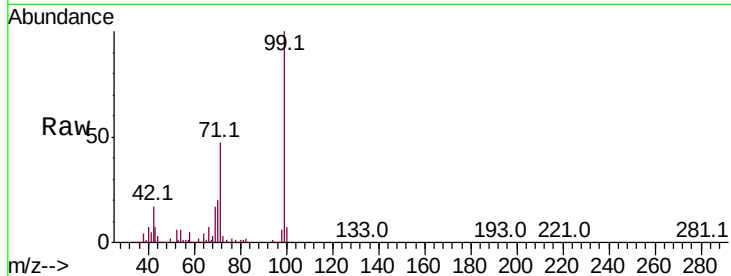
Tot Ion: 99 Resp: 978119

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

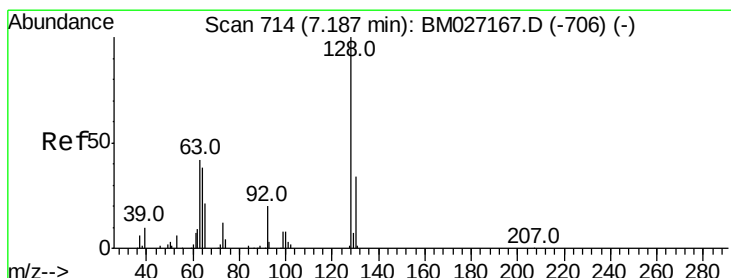
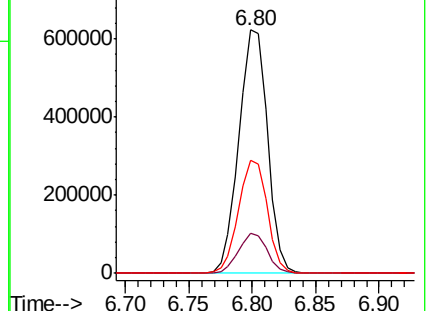
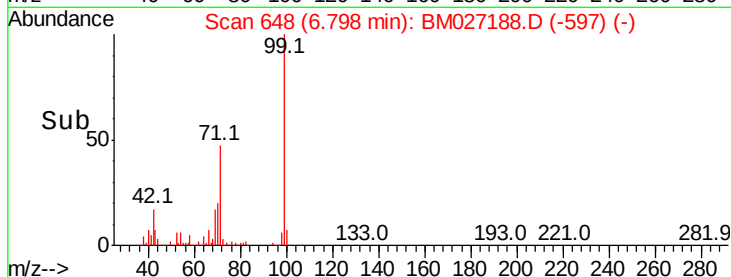
71 46.6 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027167.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM027167.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM027167.D (-639) (-)



#8

2-Chlorophenol

Concen: 45.951 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

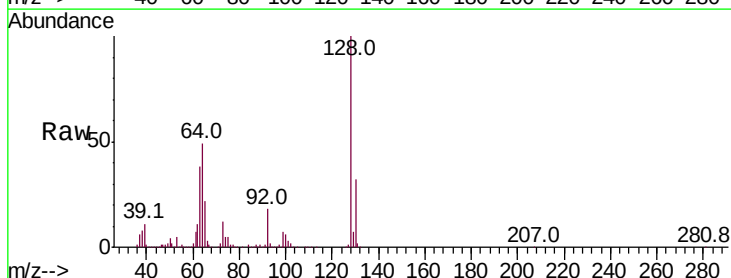
Tgt Ion: 128 Resp: 293922

Ion Ratio Lower Upper

128 100

130 32.1 14.0 54.0

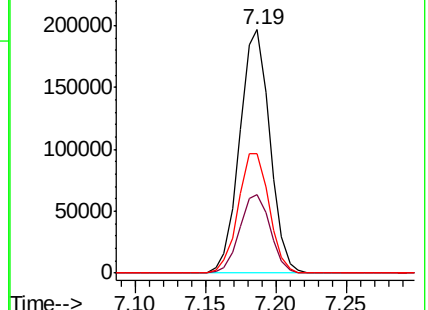
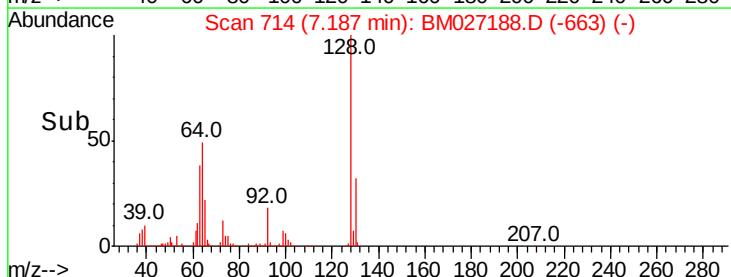
64 49.1 28.6 68.6

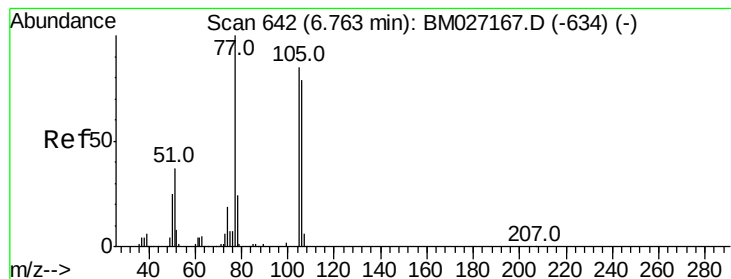


Abundance Ion 128.00 (127.70 to 128.70): BM027167.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM027167.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM027167.D (-706) (-)





#9

Benzaldehyde

Concen: 37.737 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampled :

359MSD

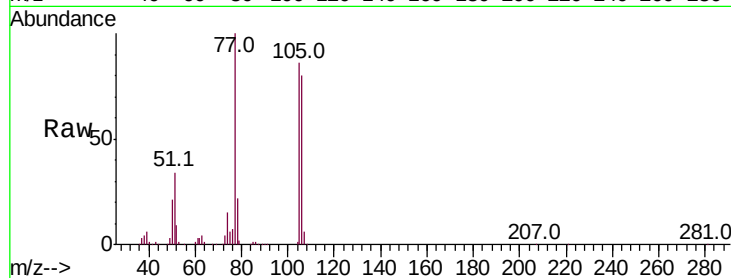
Tot Ion: 77 Resp: 218054

Ion Ratio Lower Upper

77 100

105 86.3 64.9 104.9

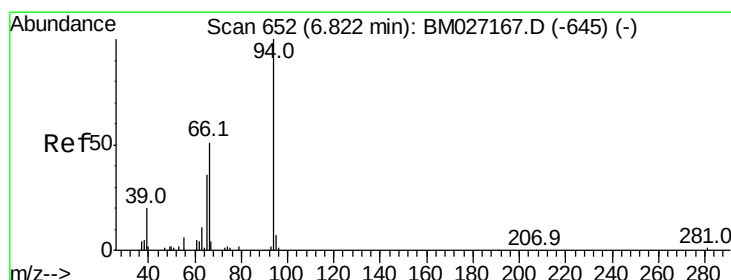
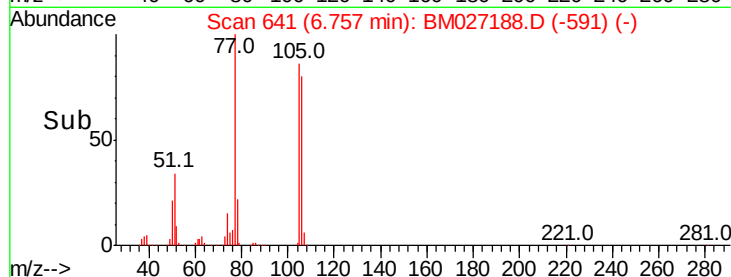
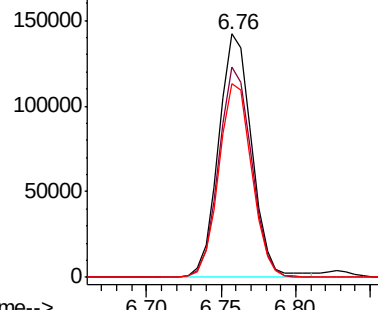
106 79.8 59.0 99.0



Abundance Ion 77.00 (76.70 to 77.70): BM027167.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM027167.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM027167.D (-634) (-)



#10

Phenol

Concen: 48.106 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

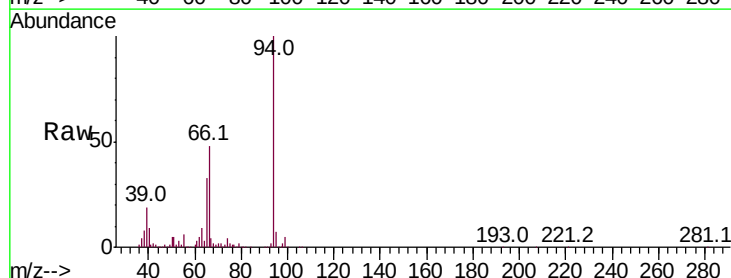
Tgt Ion: 94 Resp: 386914

Ion Ratio Lower Upper

94 100

65 33.4 17.0 57.0

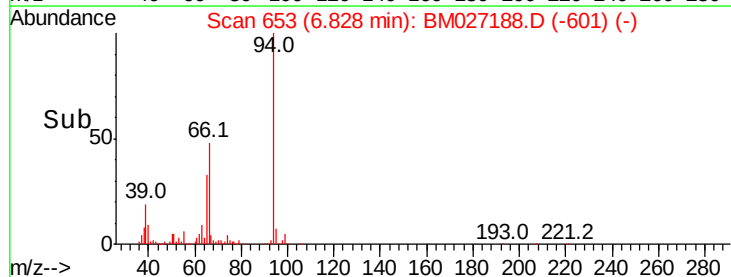
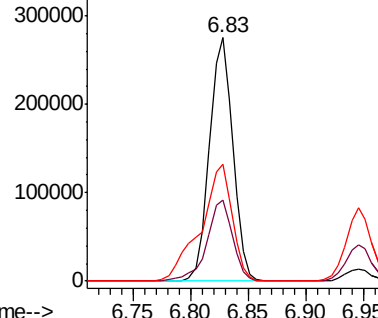
66 48.0 37.8 77.8

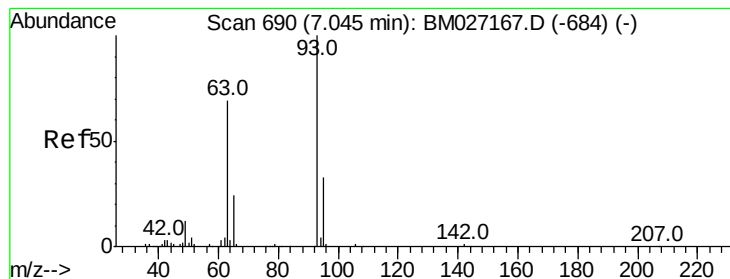


Abundance Ion 94.00 (93.70 to 94.70): BM027167.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM027167.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM027167.D (-645) (-)





#11

bis(2-Chloroethyl)ether

Concen: 45.609 ng

RT: 7.05 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

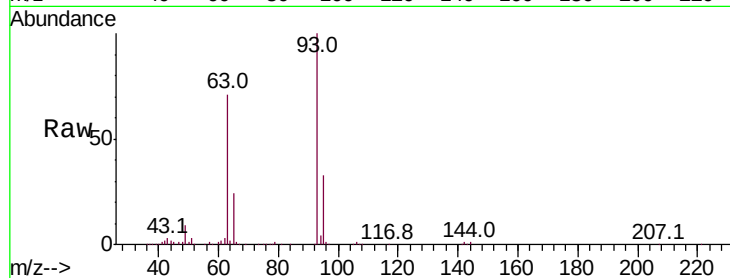
Tot Ion: 93 Resp: 299849

Ion Ratio Lower Upper

93 100

63 71.0 48.3 88.3

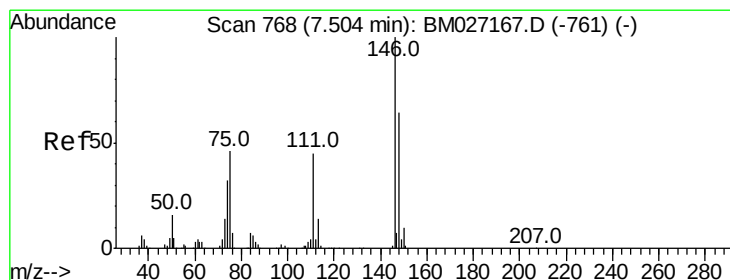
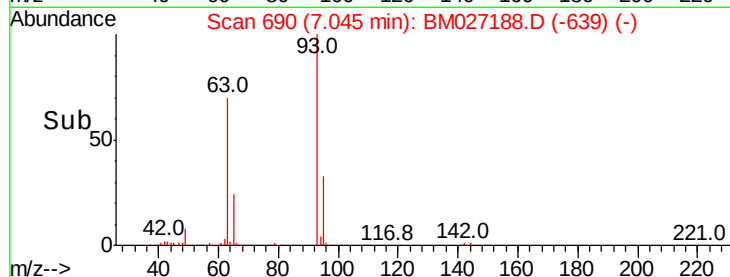
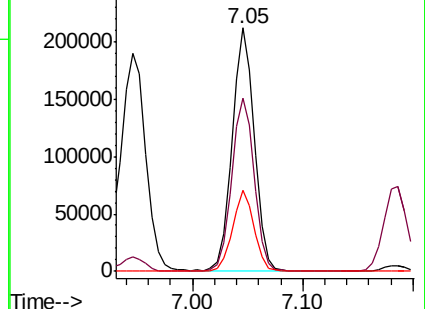
95 33.4 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BM027167.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM027167.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM027167.D (-684) (-)



#12

1,3-Dichlorobenzene

Concen: 40.420 ng

RT: 7.50 min Scan# 768

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

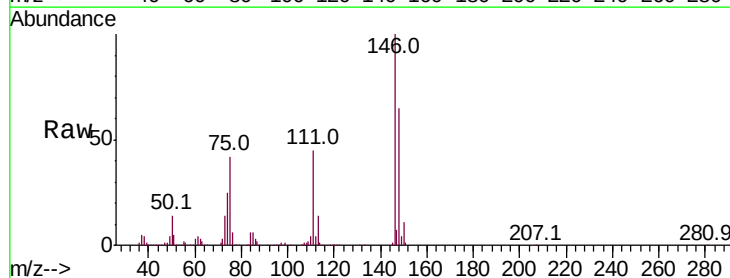
Tgt Ion: 146 Resp: 361841

Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.2

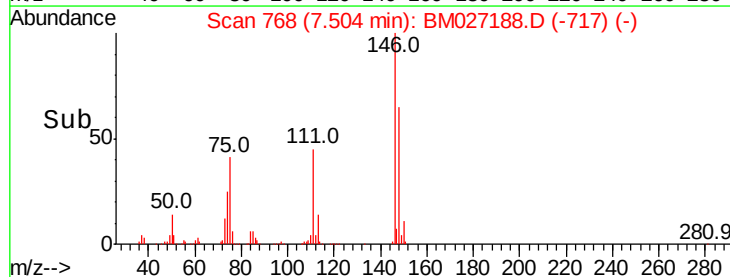
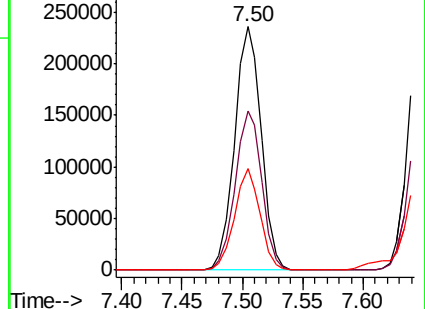
75 41.6 36.4 54.6

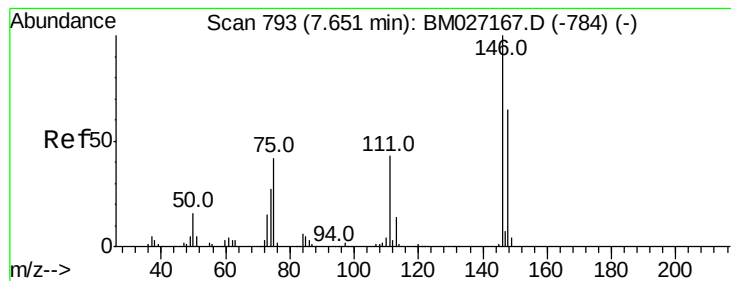


Abundance Ion 146.00 (145.70 to 146.70): BM027167.D (-761) (-)

Ion 148.00 (147.70 to 148.70): BM027167.D (-761) (-)

Ion 75.00 (74.70 to 75.70): BM027167.D (-761) (-)





#13

1,4-Dichlorobenzene

Concen: 40.907 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

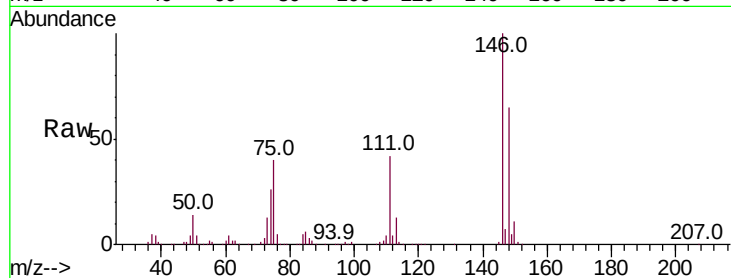
Tot Ion:146 Resp: 369482

Ion Ratio Lower Upper

146 100

148 65.1 52.0 78.0

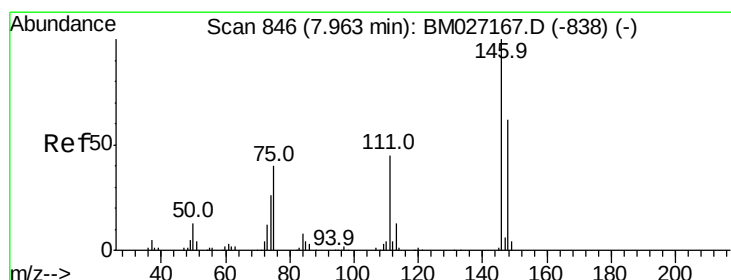
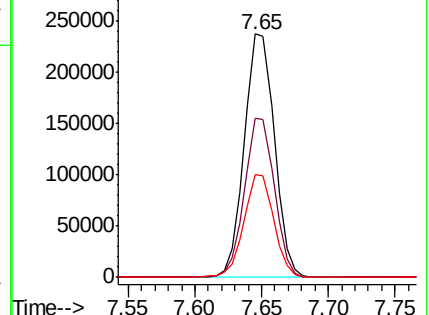
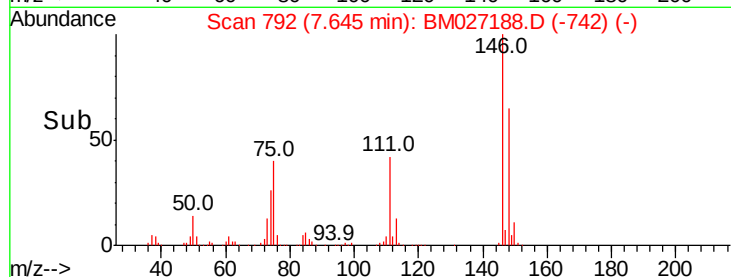
111 42.0 34.3 51.5



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: 40.967 ng

RT: 7.96 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

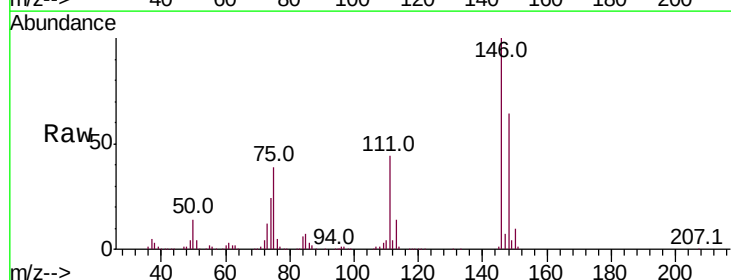
Tgt Ion:146 Resp: 350947

Ion Ratio Lower Upper

146 100

148 64.1 50.1 75.1

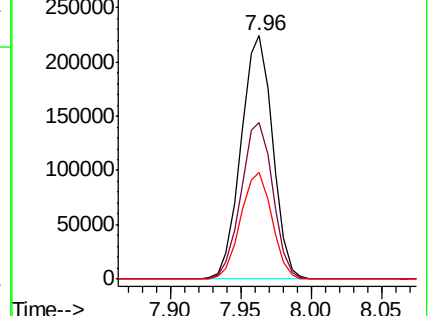
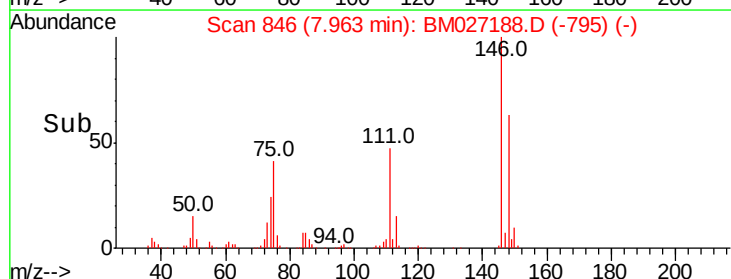
111 43.7 36.3 54.5

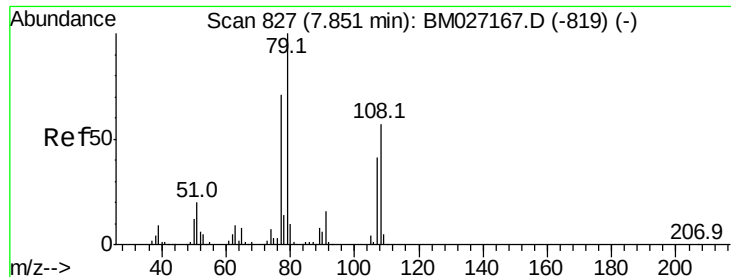


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

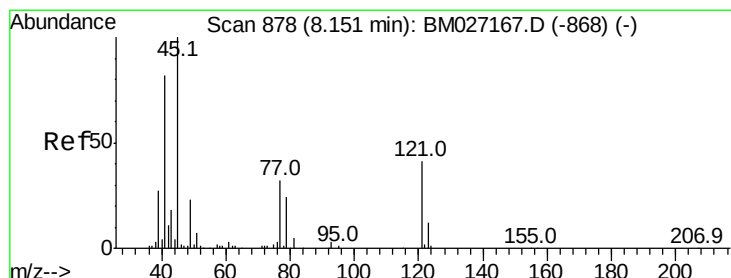
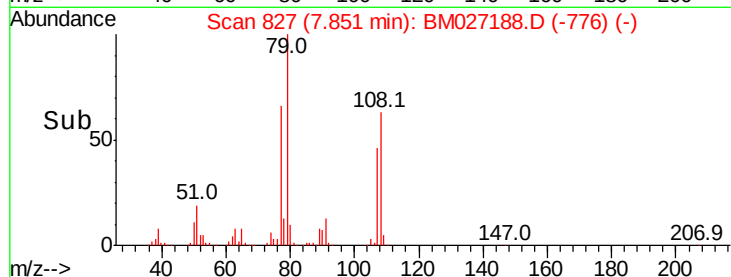
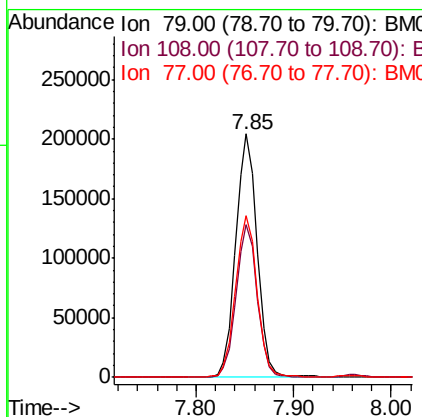
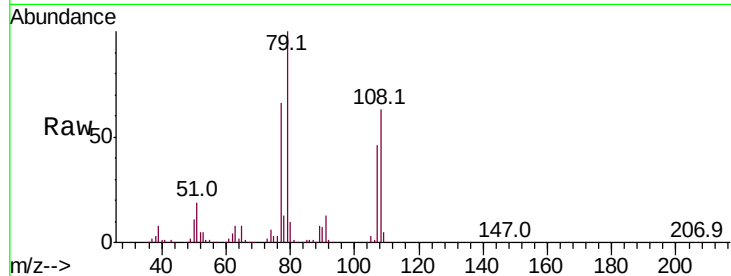




#15
Benzyl Alcohol
Concen: 40.442 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

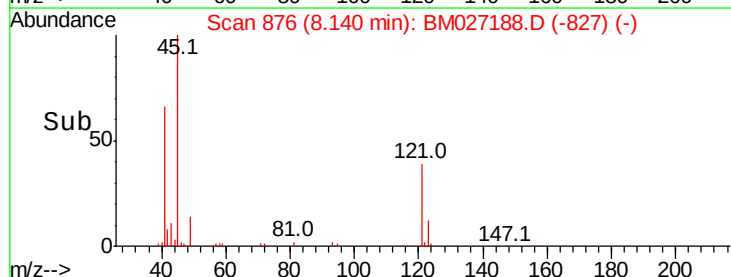
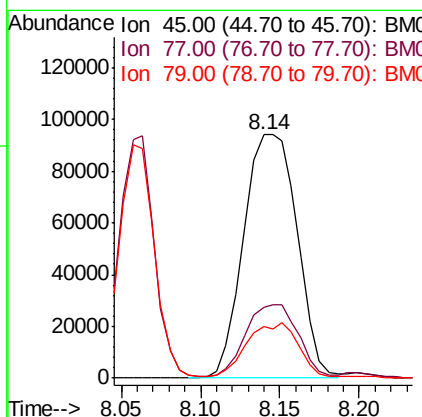
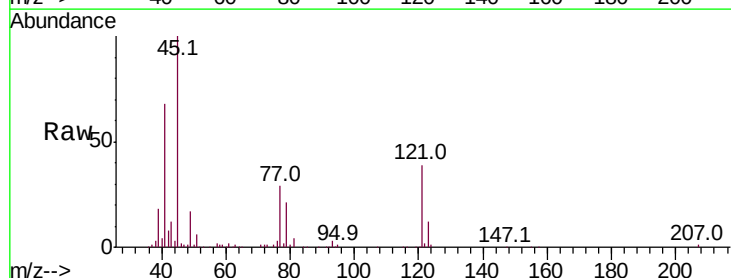
Instrument :
BNA_M
ClientSampled :
359MSD

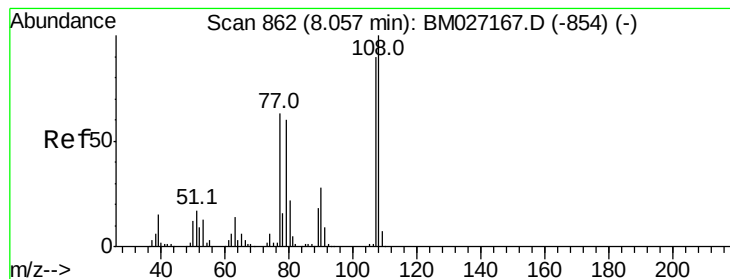
Tot Ion: 79 Resp: 310224
Ion Ratio Lower Upper
79 100
108 62.9 45.8 68.8
77 66.4 57.1 85.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.737 ng
RT: 8.14 min Scan# 876
Delta R.T. -0.01 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion: 45 Resp: 220136
Ion Ratio Lower Upper
45 100
77 29.2 12.9 52.9
79 21.3 4.9 44.9

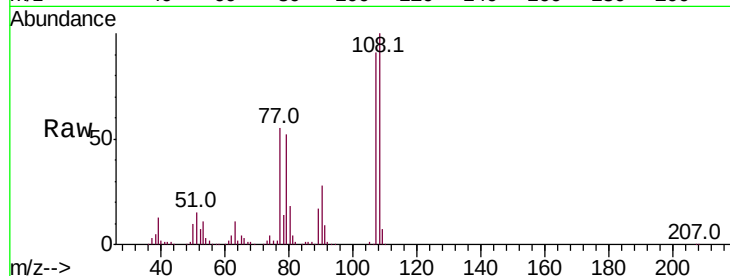




#17
2-Methylphenol
Concen: 43.281 ng
RT: 8.06 min Scan# 863
Delta R.T. 0.01 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Instrument :
BNA_M
ClientSampleId :
359MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.2	133.8
77	60.3	56.2	84.2
79	57.1	53.7	80.5



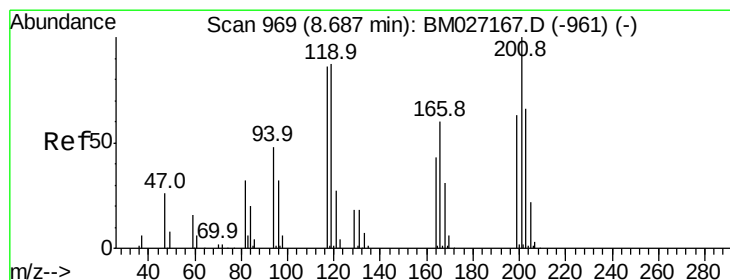
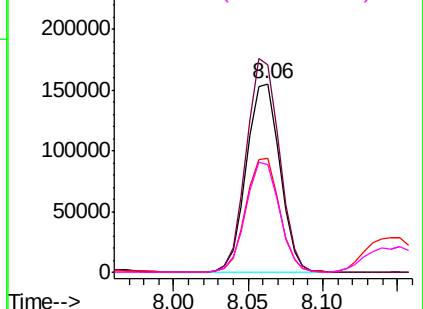
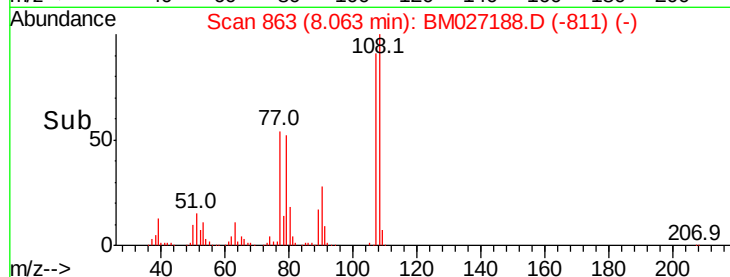
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

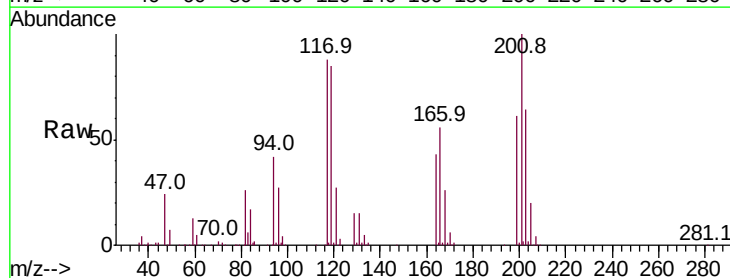
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 38.087 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	80.1	120.1
201	113.1	92.6	138.8

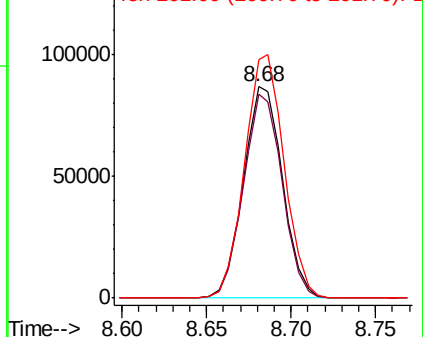
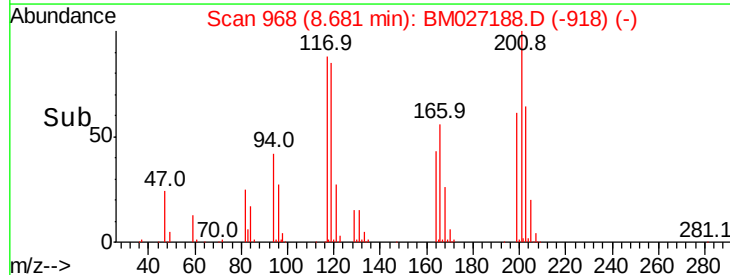


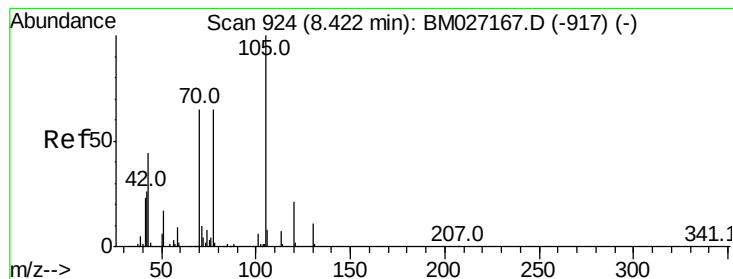
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.408 ng

RT: 8.42 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

Tot Ion: 70 Resp: 255281

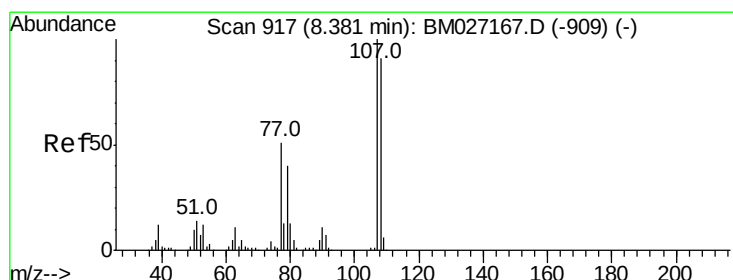
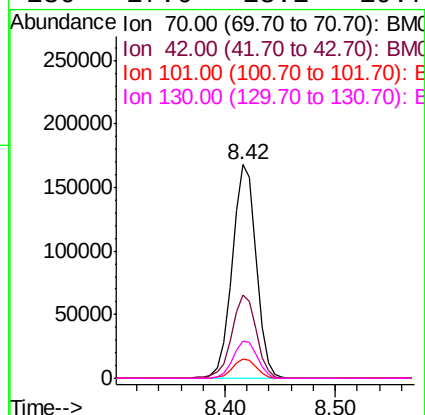
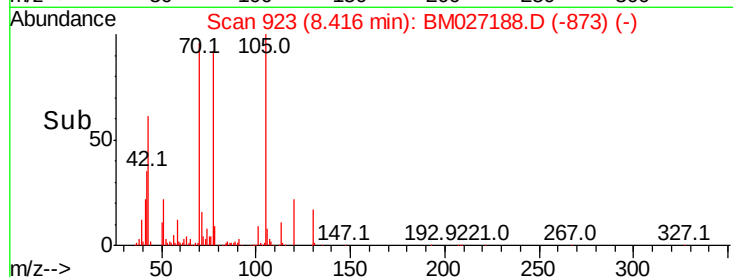
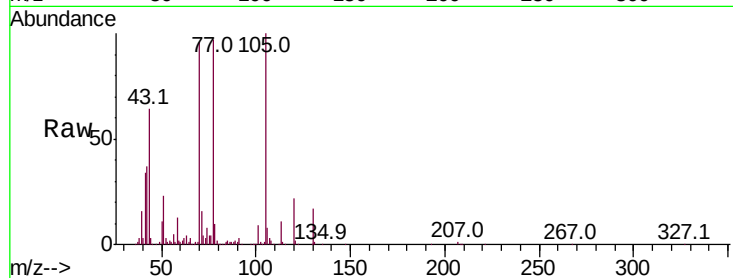
Ion Ratio Lower Upper

70 100

42 38.7 33.2 49.8

101 9.2 6.9 10.3

130 17.6 13.1 19.7



#20

3+4-Methylphenols

Concen: 42.818 ng

RT: 8.39 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Tgt Ion: 107 Resp: 318853

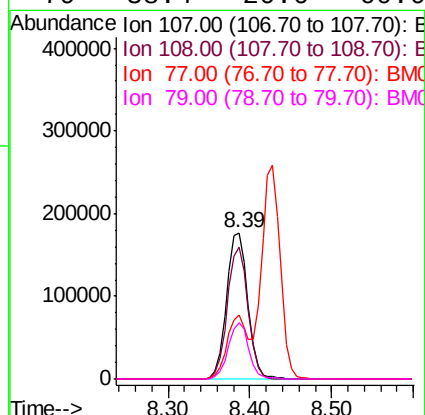
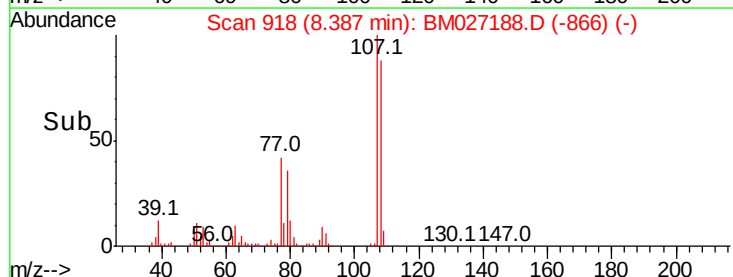
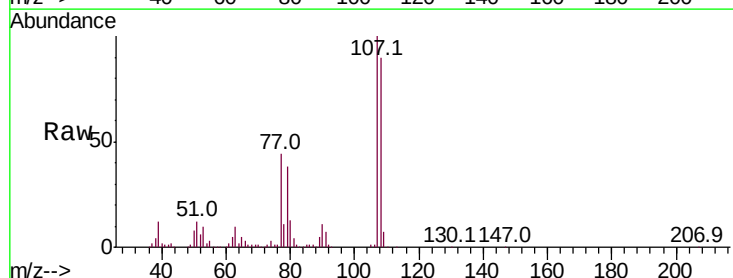
Ion Ratio Lower Upper

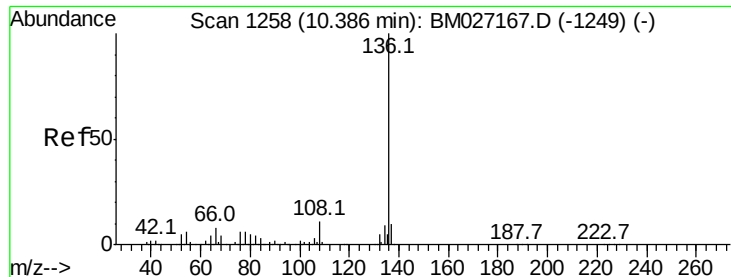
107 100

108 90.0 70.7 110.7

77 43.6 30.8 70.8

79 38.4 20.6 60.6

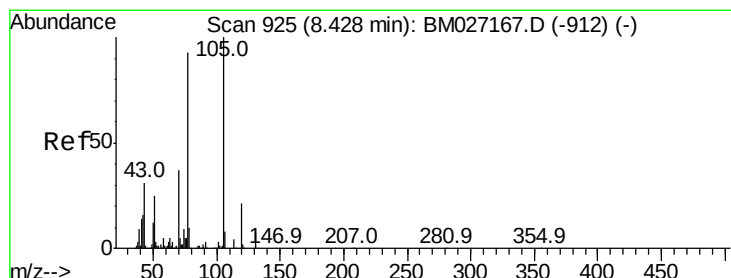
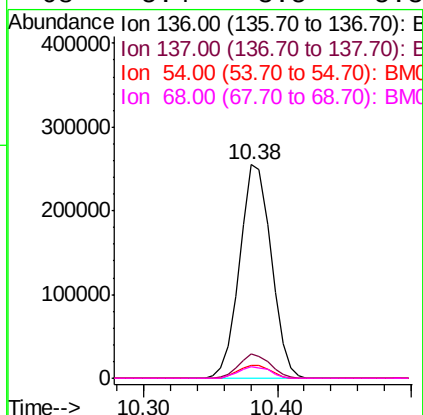
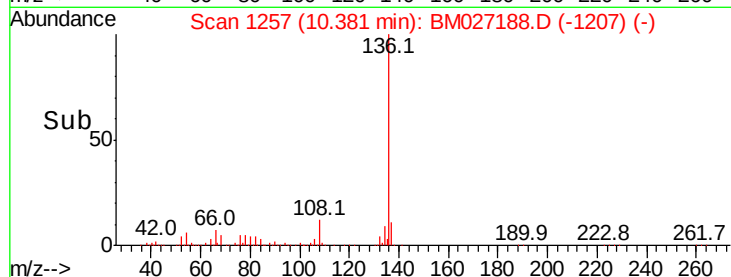
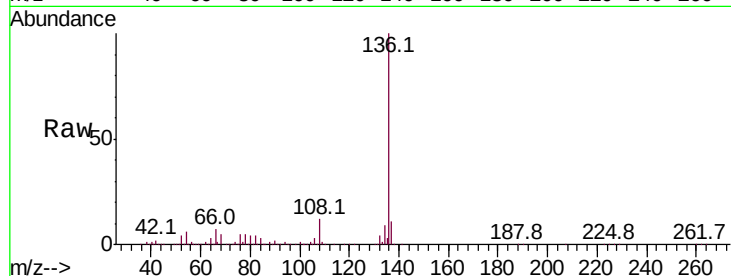




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

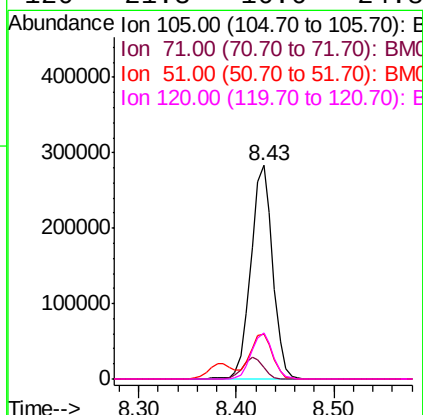
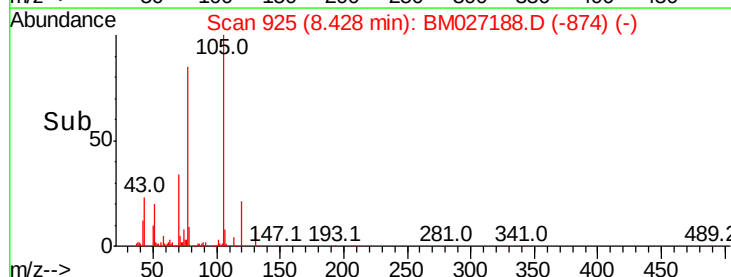
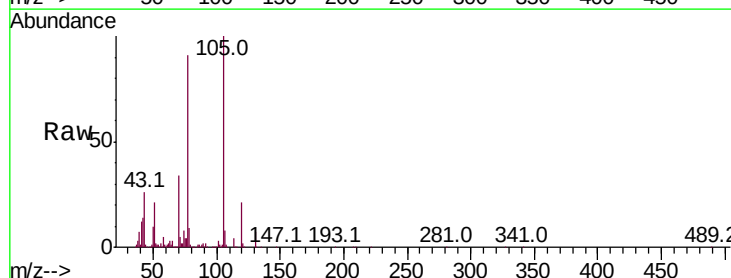
Instrument :
BNA_M
ClientSampleId :
359MSD

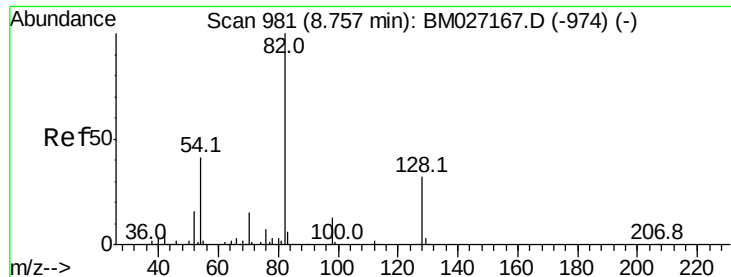
Tot Ion:	136	Resp:	418115
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	5.9	4.8	7.2
68	5.4	3.5	5.3#



#22
Acetophenone
Concen: 39.695 ng
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion:	105	Resp:	446059
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.2	6.2
51	21.3	20.2	30.4
120	21.3	16.6	24.8

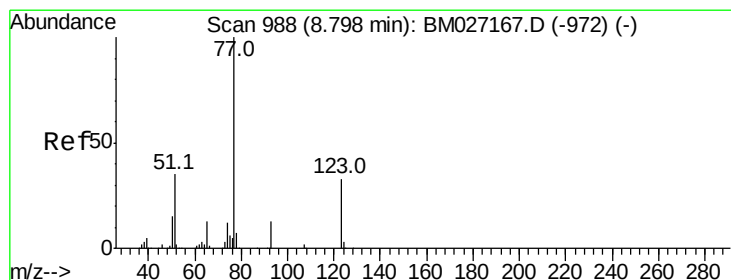
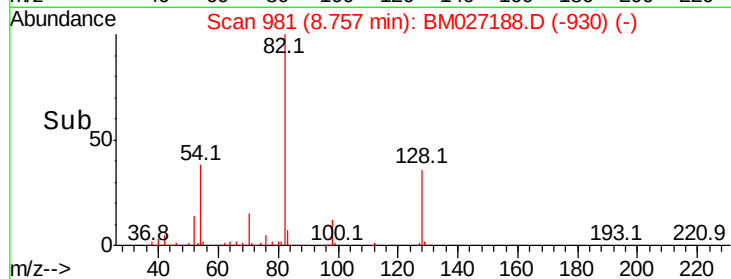
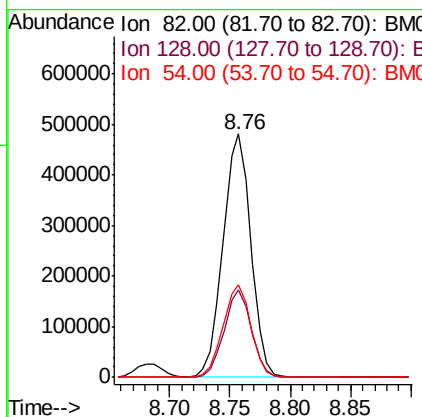
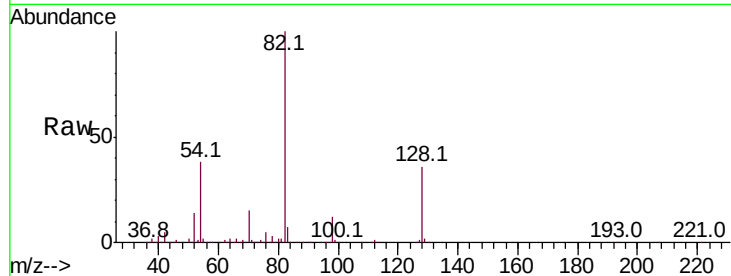




#23
 Nitrobenzene-d5
 Concen: 75.589 ng
 RT: 8.76 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

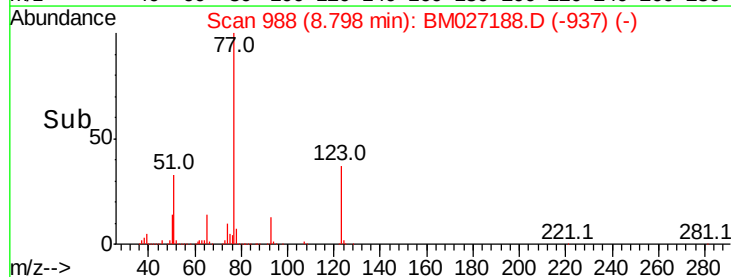
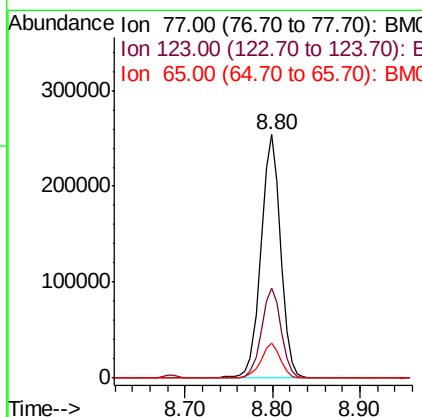
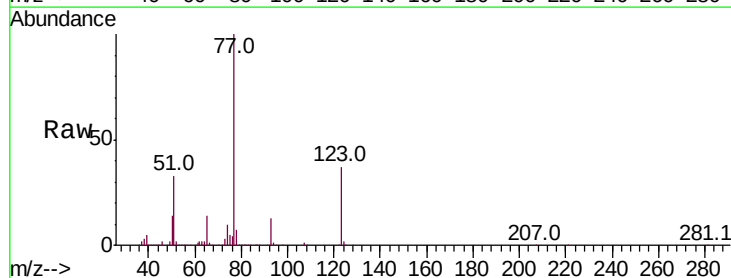
Instrument :
 BNA_M
 ClientSampleId :
 359MSD

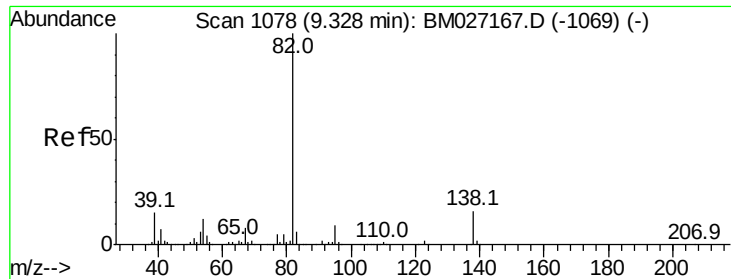
Tot Ion	82	Resp	766043
Ion Ratio	Lower	Upper	
82	100		
128	35.7	25.7	38.5
54	37.9	33.0	49.4



#24
 Nitrobenzene
 Concen: 38.150 ng
 RT: 8.80 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Tgt Ion	77	Resp	391333
Ion Ratio	Lower	Upper	
77	100		
123	36.8	26.2	39.4
65	14.2	10.5	15.7

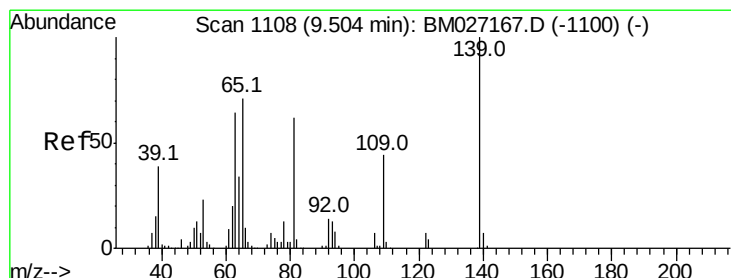
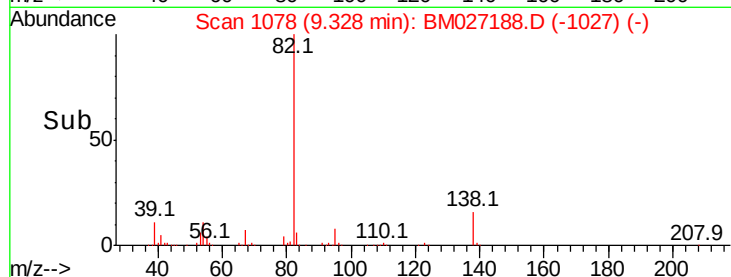
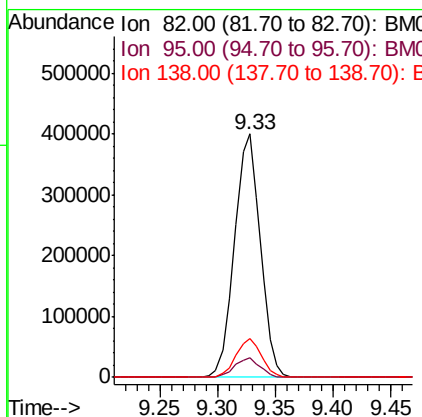
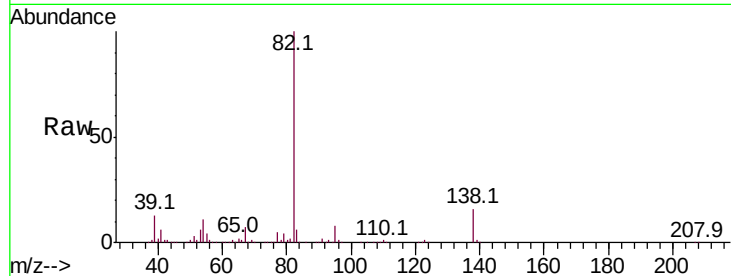




#25
Isophorone
Concen: 41.671 ng
RT: 9.33 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

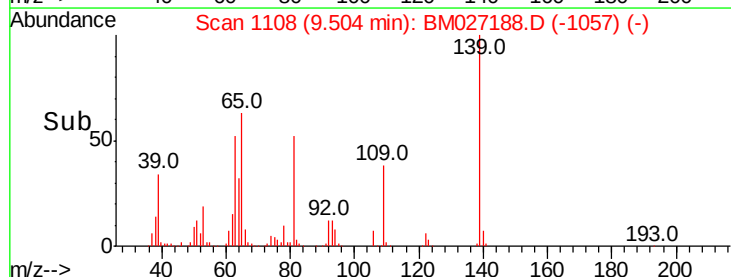
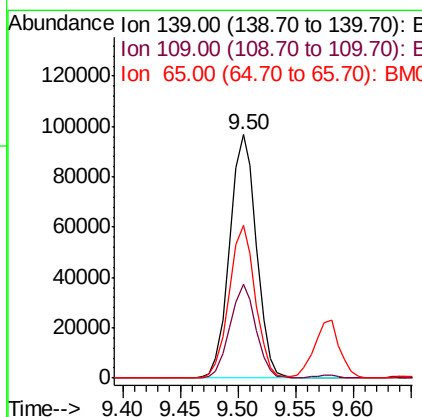
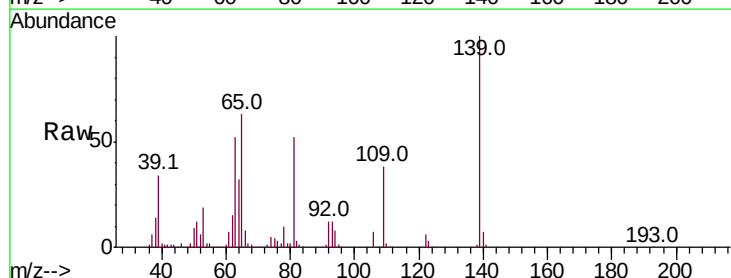
Instrument :
BNA_M
ClientSampled :
359MSD

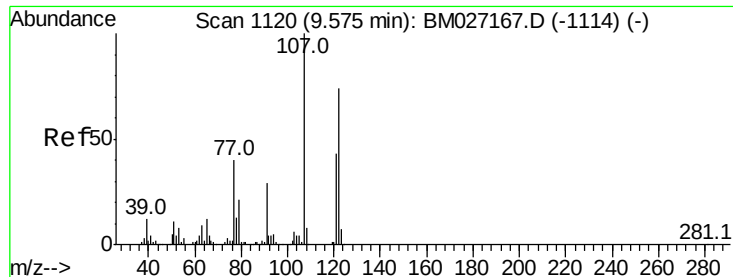
Tot Ion	82	Resp	618563
Ion	Ratio	Lower	Upper
82	100		
95	7.8	7.2	10.8
138	16.1	12.8	19.2



#26
2-Nitrophenol
Concen: 48.365 ng
RT: 9.50 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion	139	Resp	154854
Ion	Ratio	Lower	Upper
139	100		
109	38.4	35.0	52.6
65	63.0	57.0	85.6





#27

2,4-Dimethylphenol

Concen: 49.572 ng

RT: 9.57 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

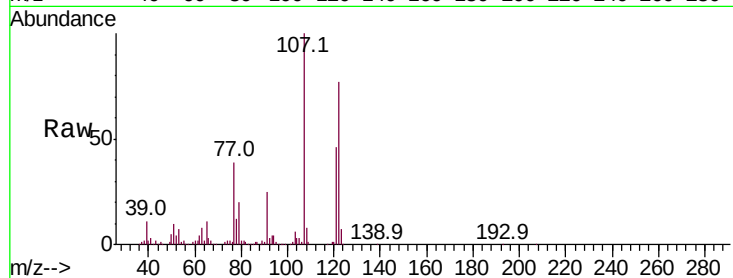
Tot Ion:122 Resp: 246438

Ion Ratio Lower Upper

122 100

107 130.6 108.1 162.1

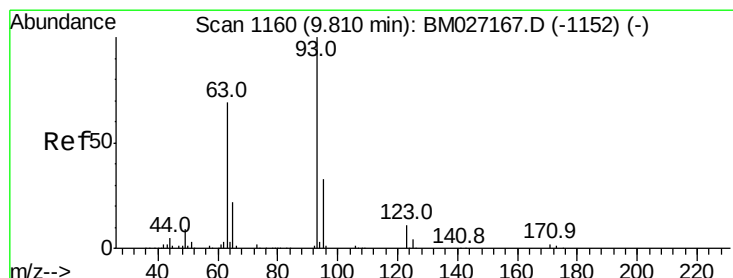
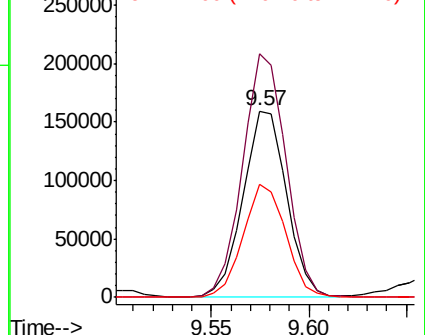
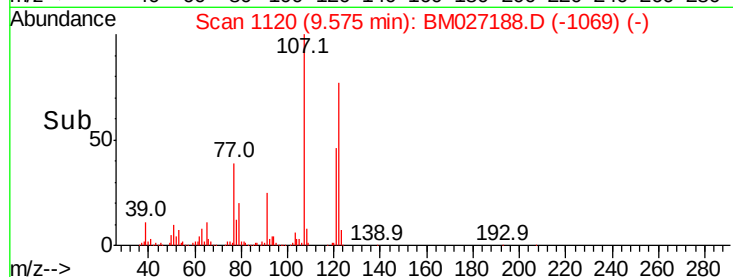
121 60.7 47.0 70.4



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: 39.346 ng

RT: 9.81 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

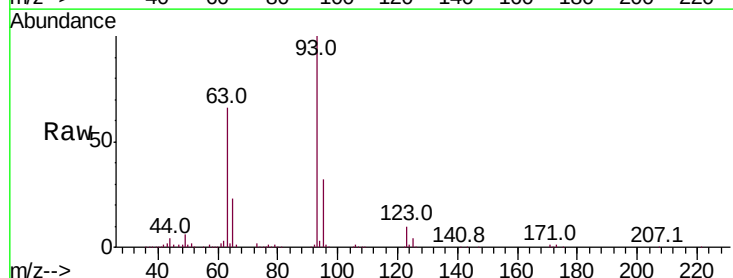
Tgt Ion: 93 Resp: 356405

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

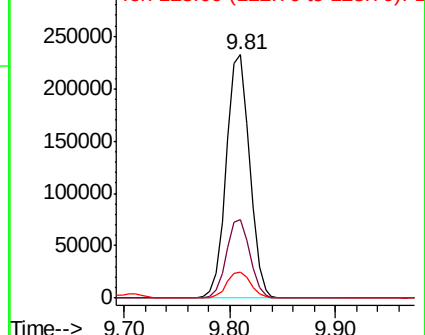
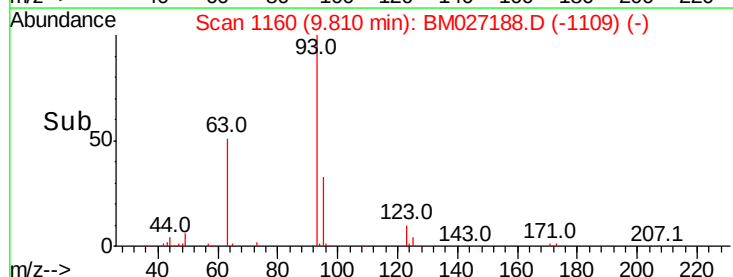
123 10.5 8.8 13.2

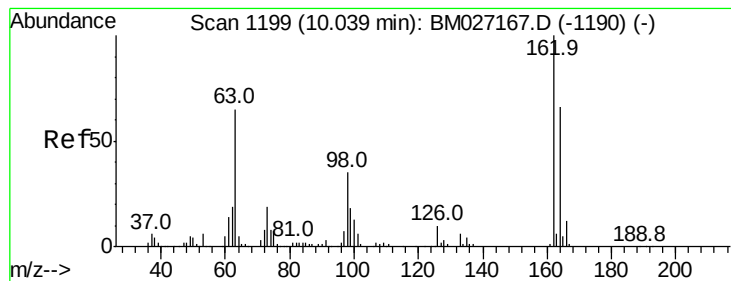


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.890 ng

RT: 10.04 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

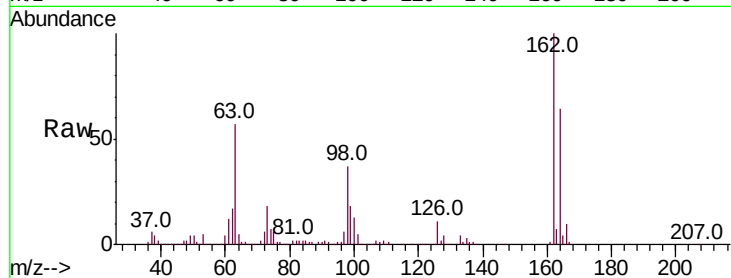
Tot Ion:162 Resp: 283496

Ion Ratio Lower Upper

162 100

164 64.3 46.0 86.0

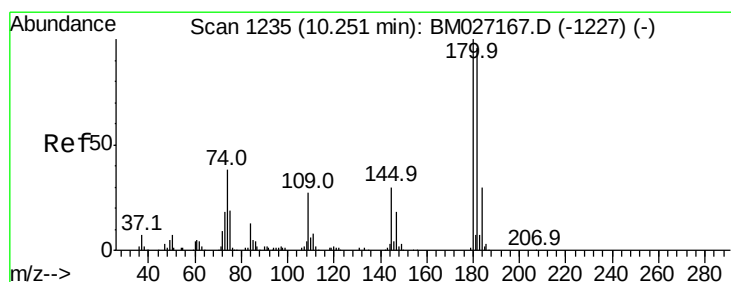
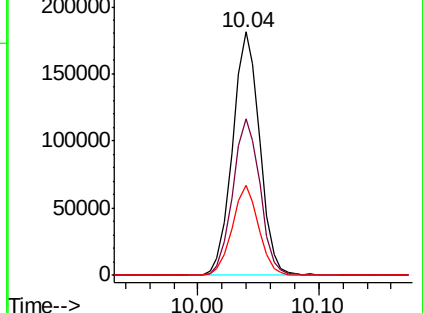
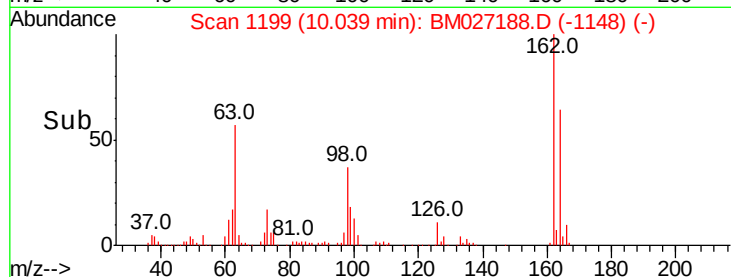
98 36.8 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 38.198 ng

RT: 10.25 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

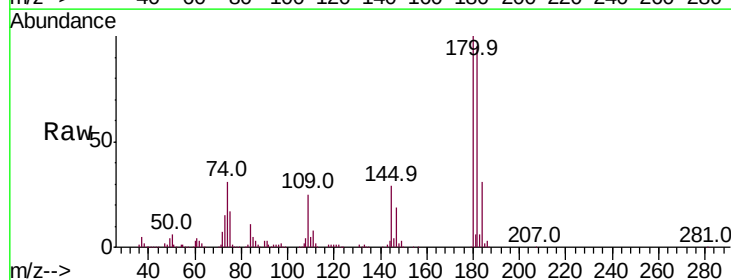
Tgt Ion:180 Resp: 347665

Ion Ratio Lower Upper

180 100

182 95.2 76.6 115.0

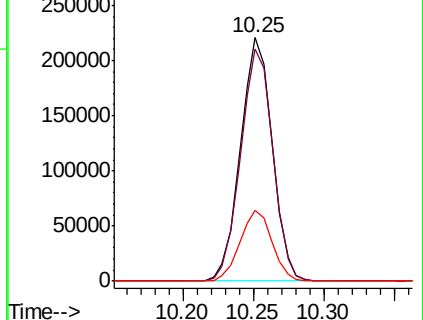
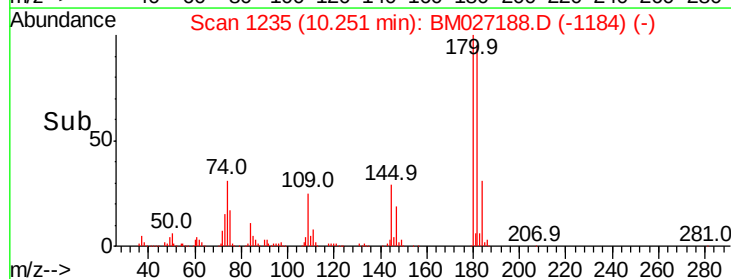
145 29.1 23.7 35.5

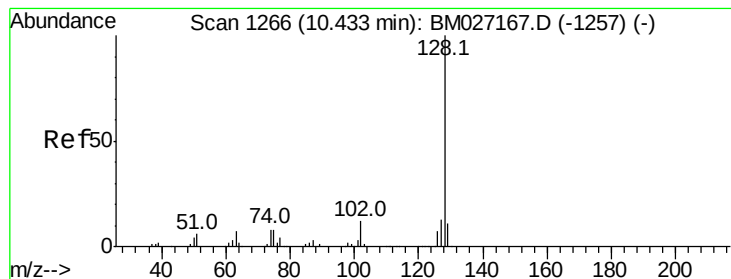


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.609 ng

RT: 10.43 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

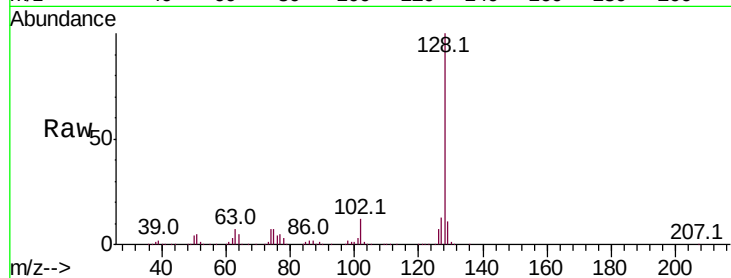
Tot Ion:128 Resp: 860588

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

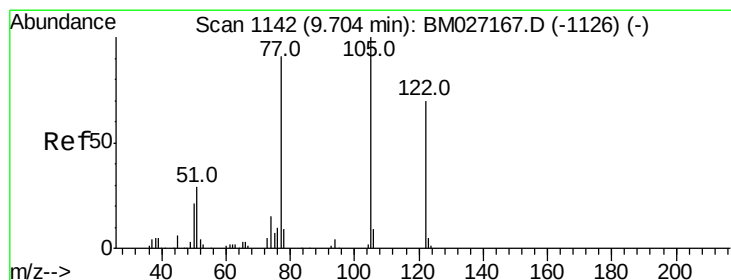
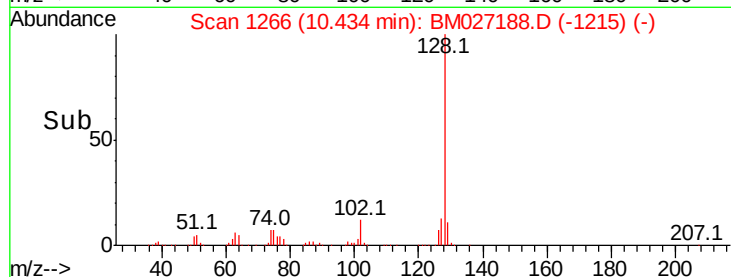
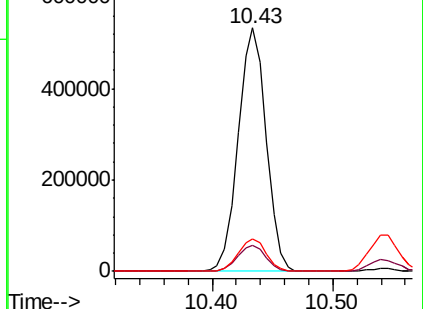
127 13.2 10.7 16.1



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: 37.336 ng

RT: 9.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

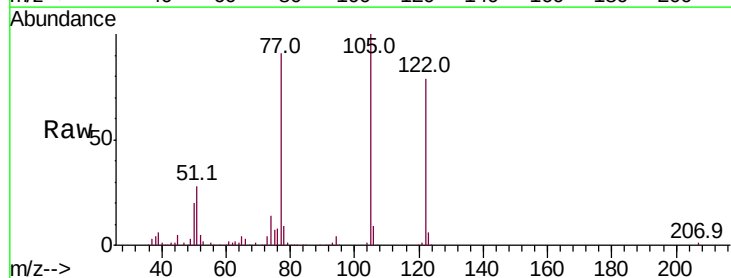
Tgt Ion:122 Resp: 150043

Ion Ratio Lower Upper

122 100

105 126.5 117.8 157.8

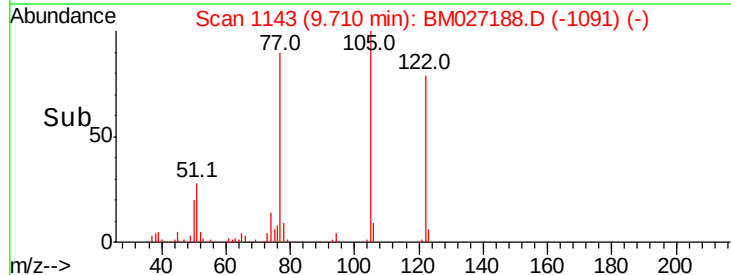
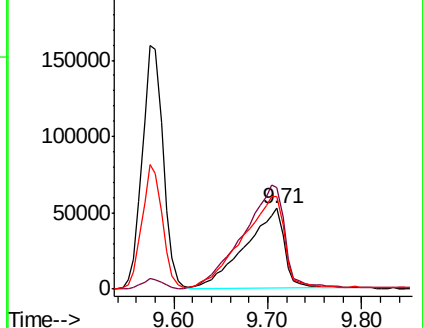
77 114.7 107.8 147.8

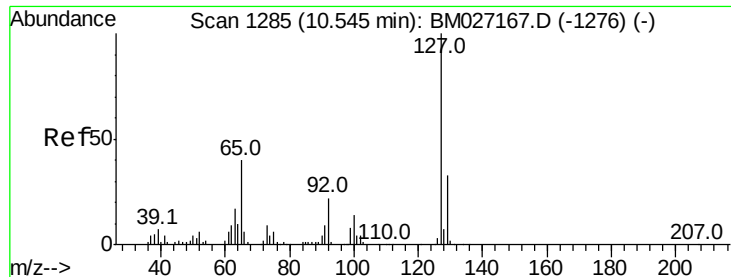


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

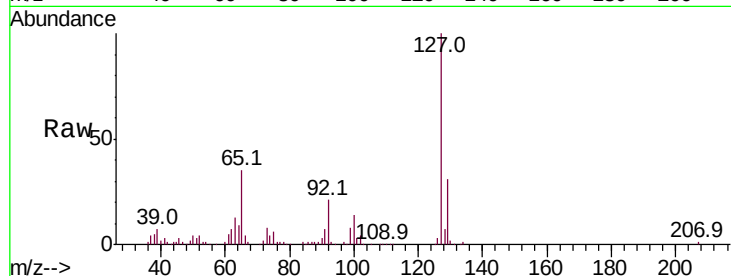




#33
4-Chloroaniline
Concen: 15.802 ng
RT: 10.55 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Instrument :
BNA_M
ClientSampleId :
359MSD

Tot Ion:	127	Resp:	138349
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.0	39.0
65	35.2	31.8	47.6
92	21.1	17.6	26.4



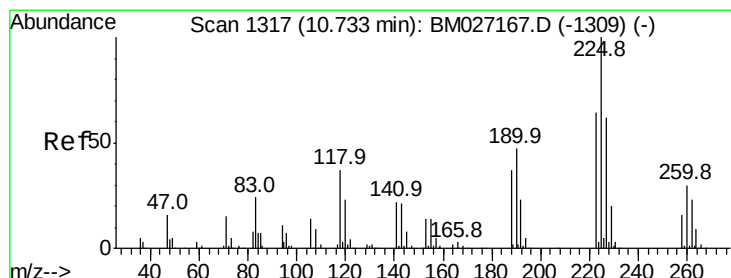
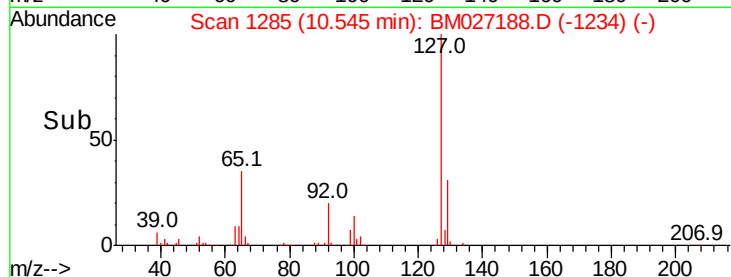
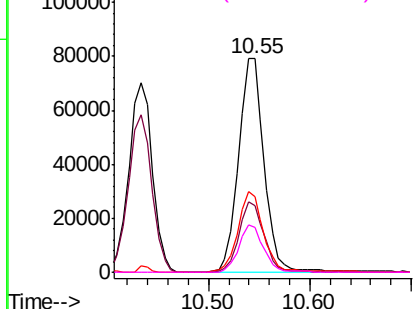
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

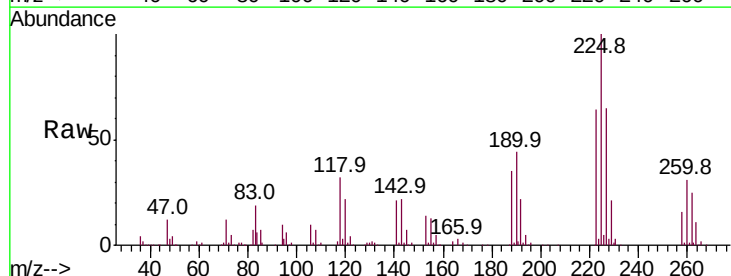
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 37.375 ng
RT: 10.73 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion:	225	Resp:	226955
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.1	76.7
227	65.2	49.7	74.5

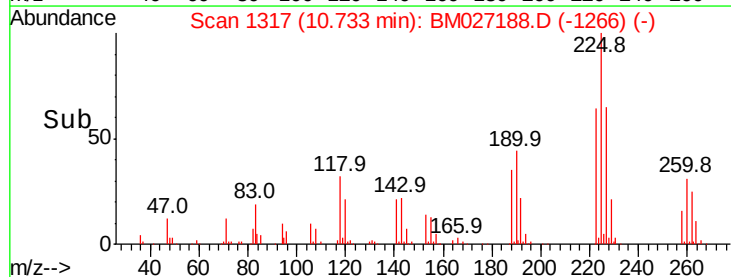
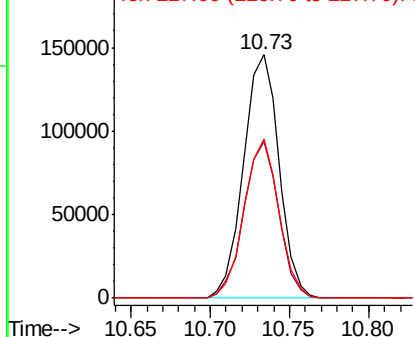


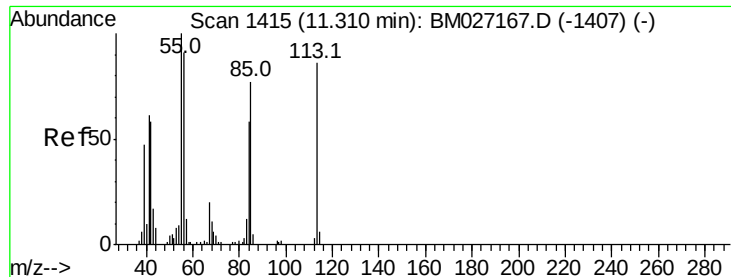
Abundance

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: 29.962 ng

RT: 11.32 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

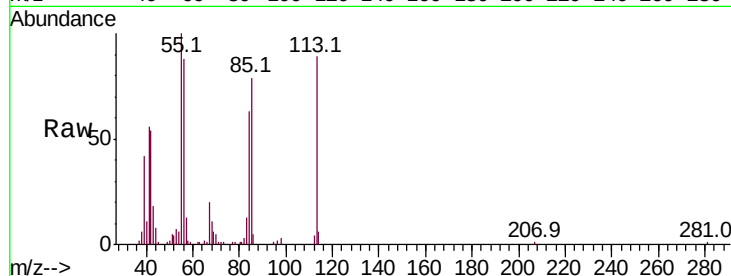
Tot Ion:113 Resp: 56311

Ion Ratio Lower Upper

113 100

55 112.2 96.9 136.9

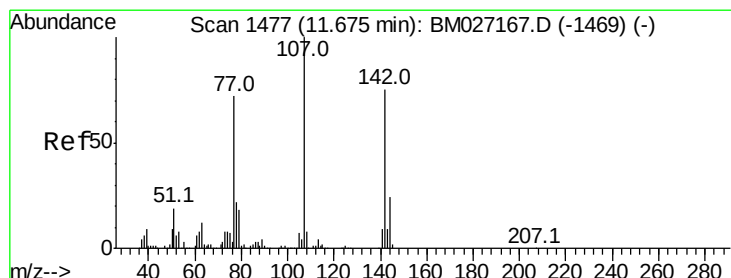
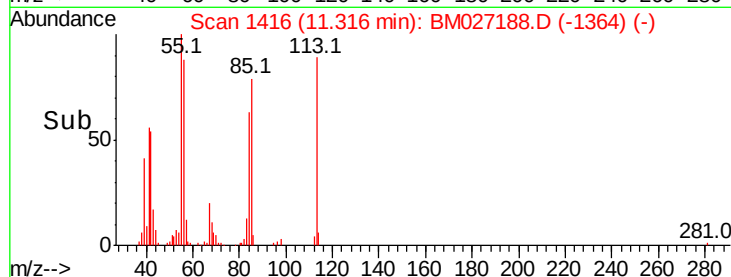
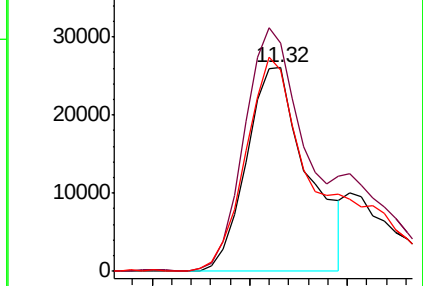
56 99.3 85.9 125.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 38.330 ng

RT: 11.68 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

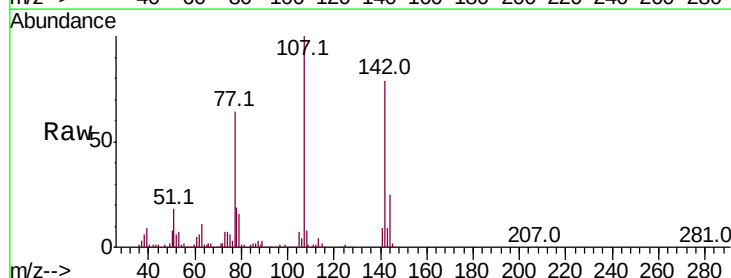
Tgt Ion:107 Resp: 274701

Ion Ratio Lower Upper

107 100

144 25.0 19.5 29.3

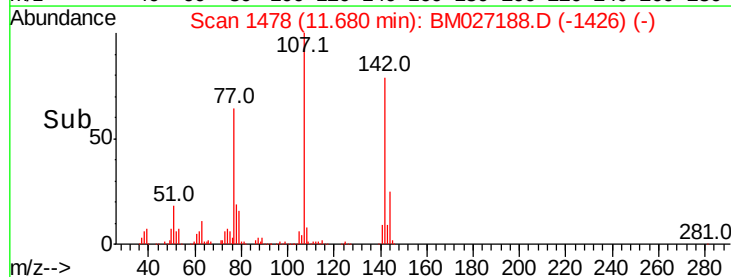
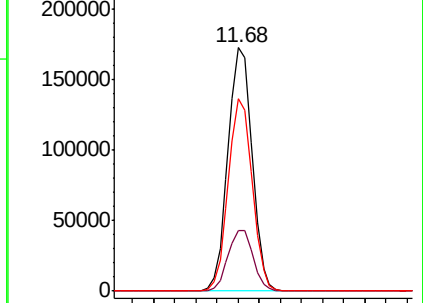
142 78.9 60.3 90.5

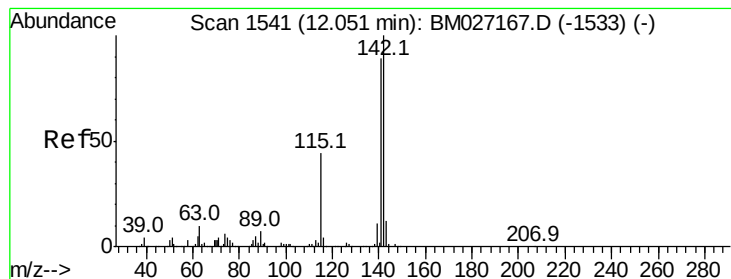


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.126 ng

RT: 12.05 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampled :

359MSD

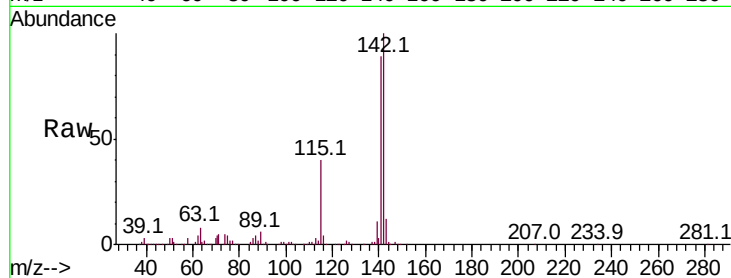
Tot Ion:142 Resp: 627903

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.0

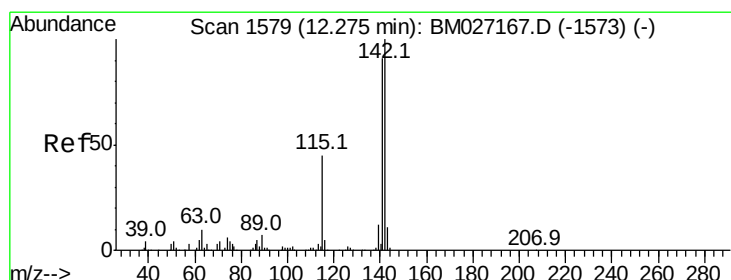
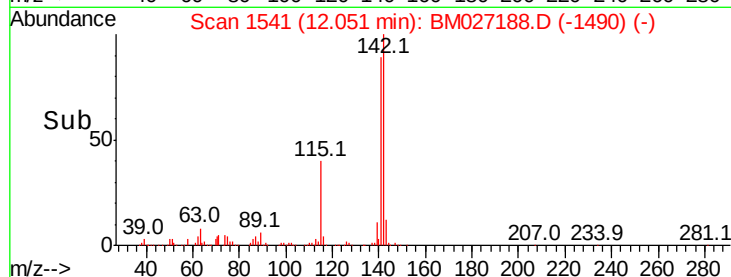
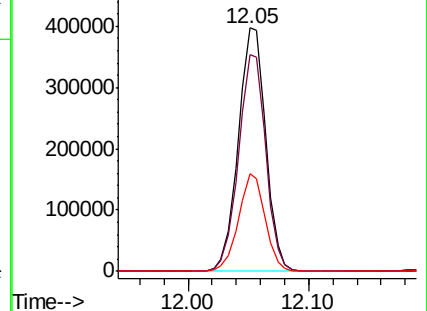
115 40.4 34.8 52.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.941 ng

RT: 12.27 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

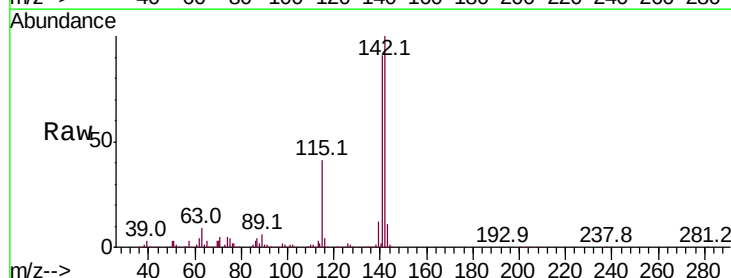
Tgt Ion:142 Resp: 587155

Ion Ratio Lower Upper

142 100

141 91.5 72.8 109.2

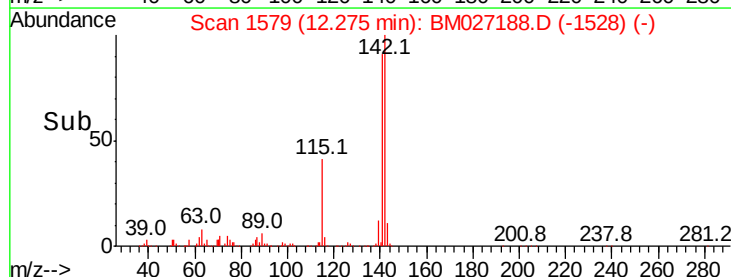
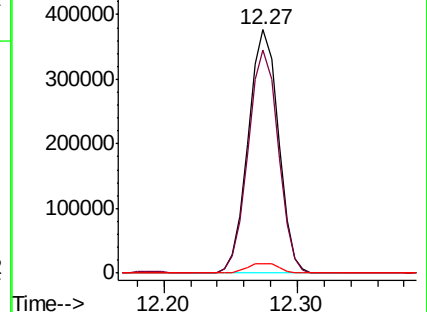
116 4.1 4.2 6.4#

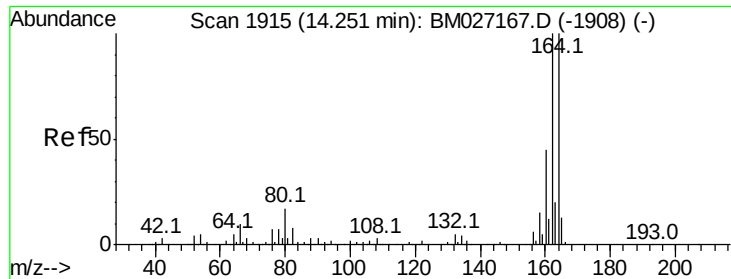


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

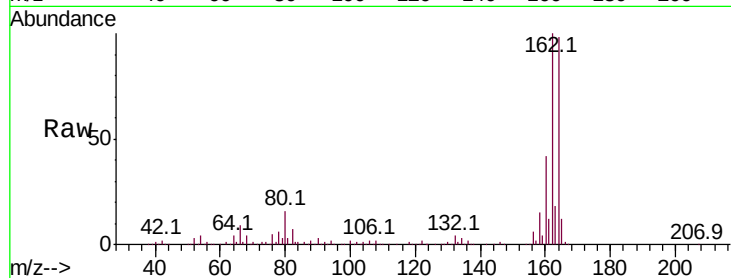
Tot Ion:164 Resp: 246222

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.4

160 43.0 36.3 54.5

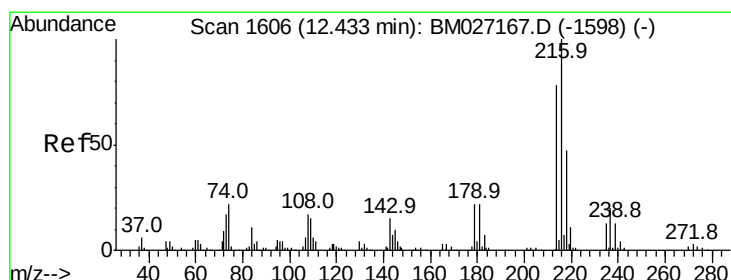
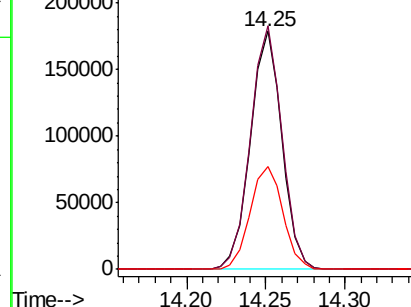
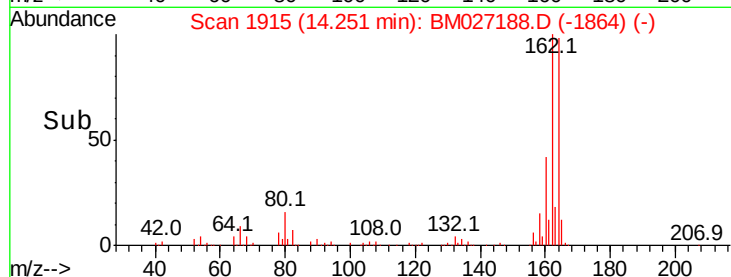


Abundance

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: 44.636 ng

RT: 12.43 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Tgt Ion:216 Resp: 387056

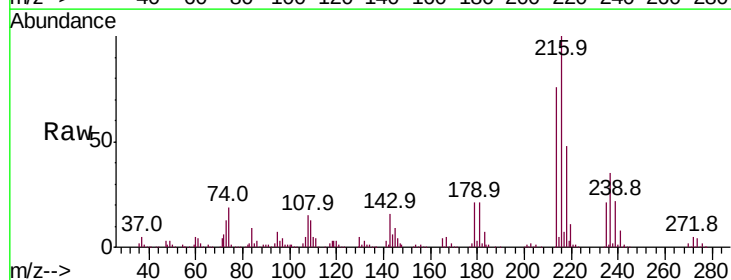
Ion Ratio Lower Upper

216 100

214 77.1 62.8 94.2

179 20.7 18.0 27.0

108 19.1 15.5 23.3



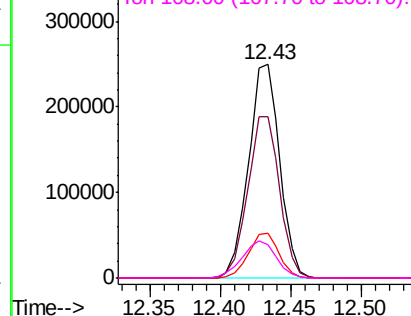
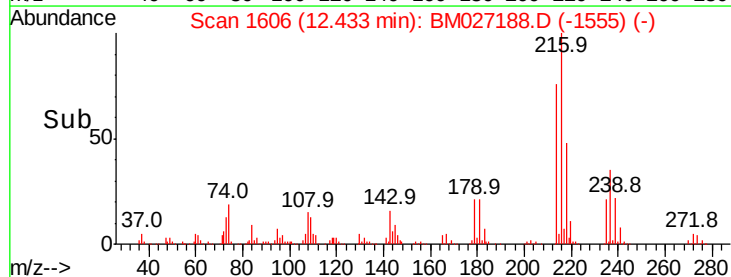
Abundance

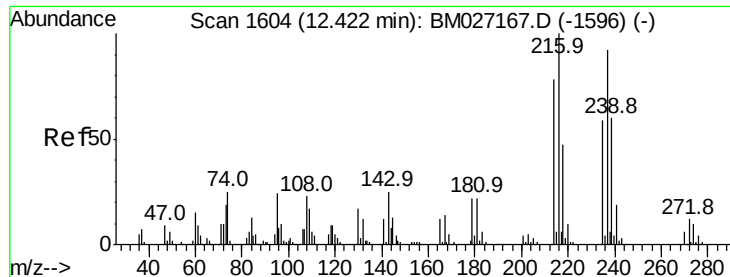
Ion 216.00 (215.70 to 216.70): E

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: 96.024 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

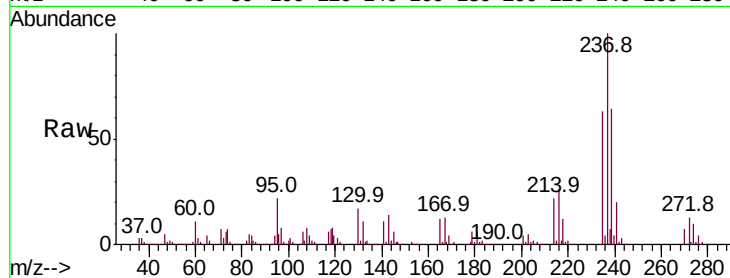
Tot Ion:237 Resp: 460245

Ion Ratio Lower Upper

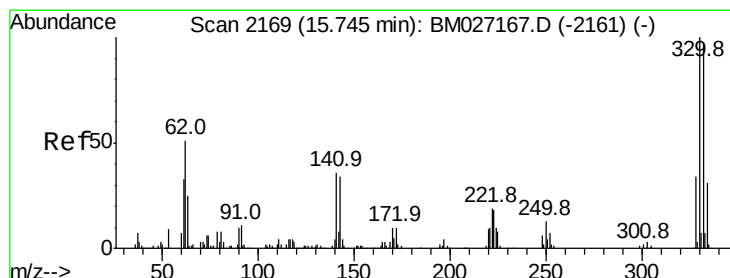
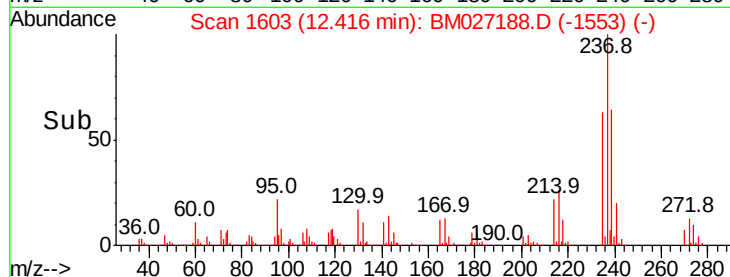
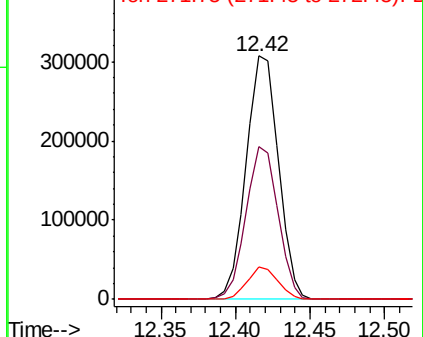
237 100

235 62.7 44.0 84.0

272 13.2 0.0 33.4



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



#42

2,4,6-Tribromophenol

Concen: 99.224 ng

RT: 15.74 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

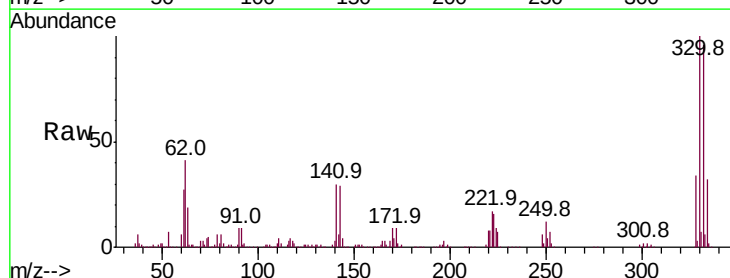
Tgt Ion:330 Resp: 395621

Ion Ratio Lower Upper

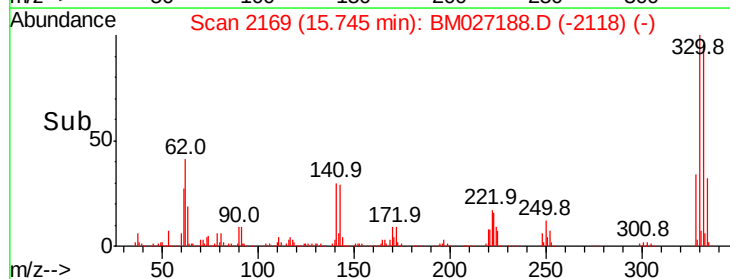
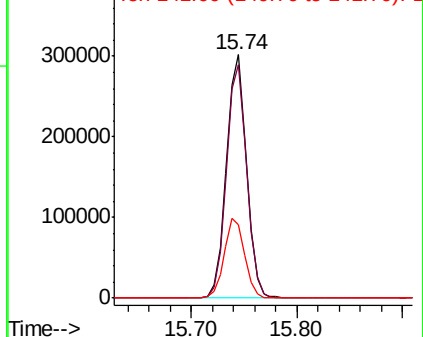
330 100

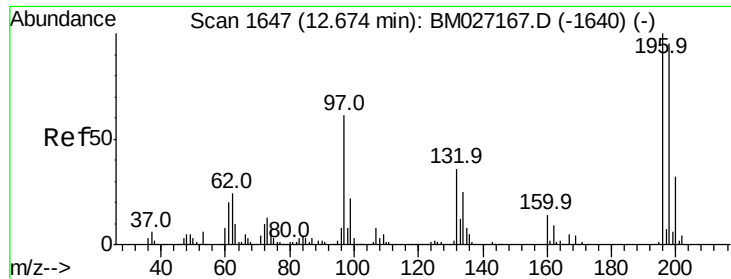
332 96.3 77.2 115.8

141 33.6 31.0 46.6



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

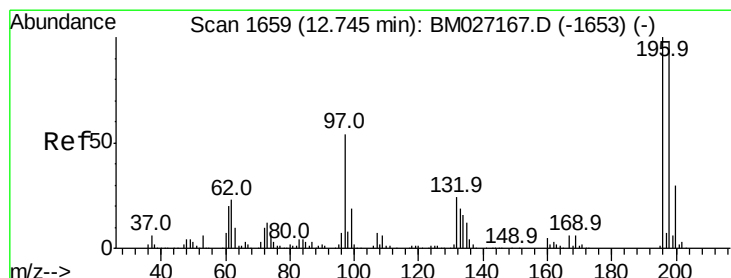
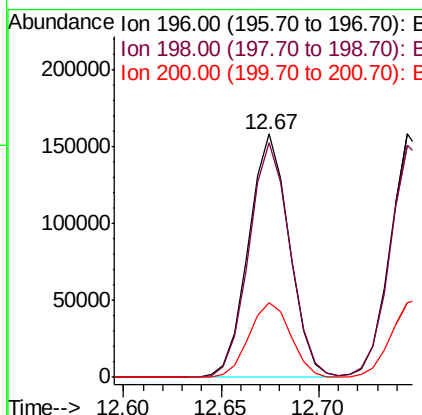
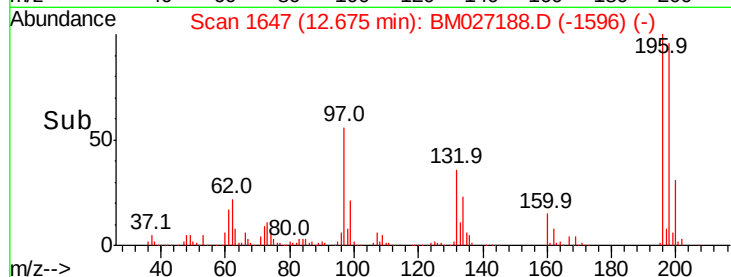
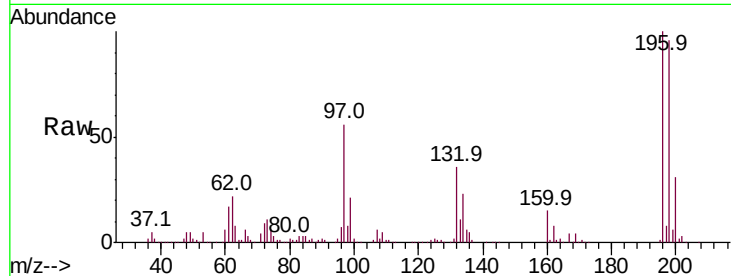




#43
 2,4,6-Trichlorophenol
 Concen: 42.816 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

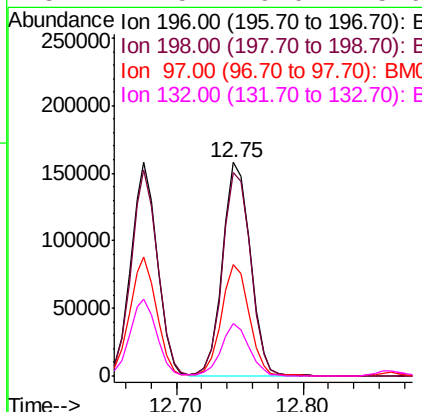
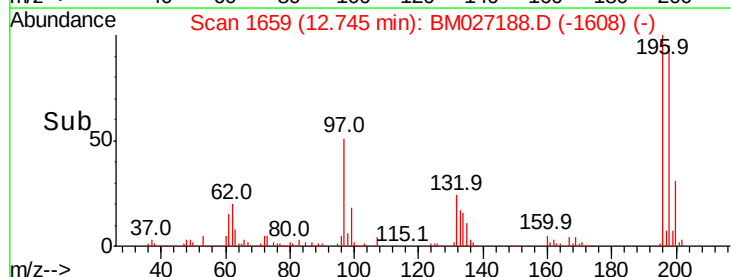
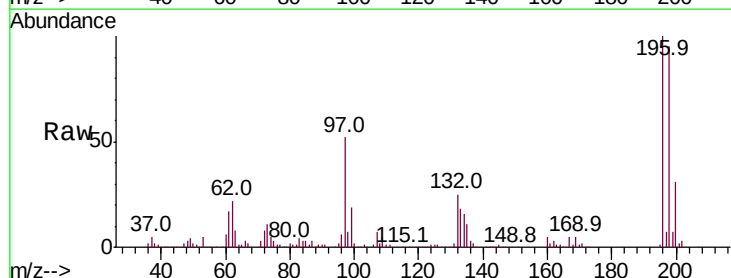
Instrument :
 BNA_M
 ClientSampleId :
 359MSD

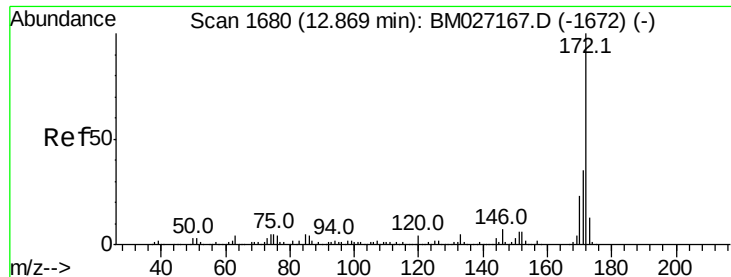
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.1	114.1
200	30.8	25.6	38.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.315 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.2	117.4
97	52.4	43.5	65.3
132	24.5	19.0	28.6

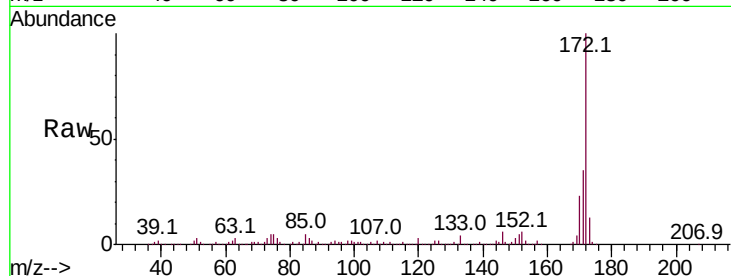




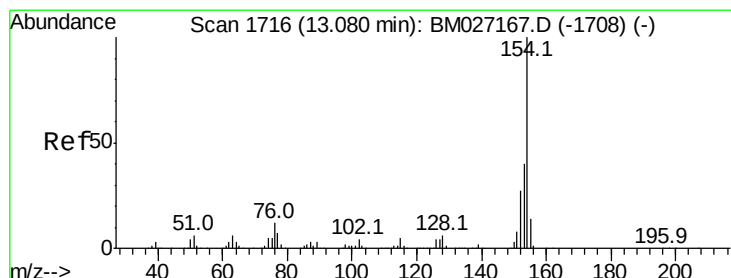
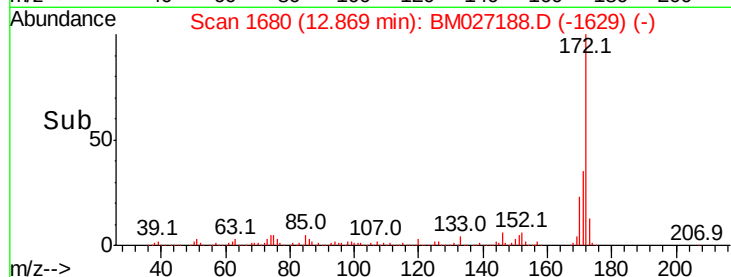
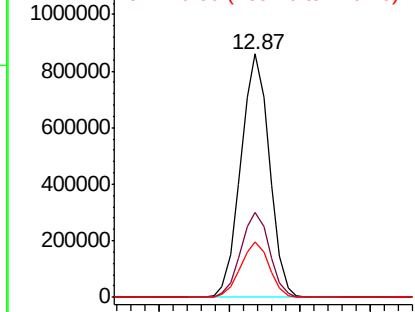
#45
2-Fluorobiphenyl
Concen: 65.081 ng
RT: 12.87 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Instrument :
BNA_M
ClientSampleId :
359MSD

Tot Ion:172 Resp: 1219856
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.9 18.6 28.0

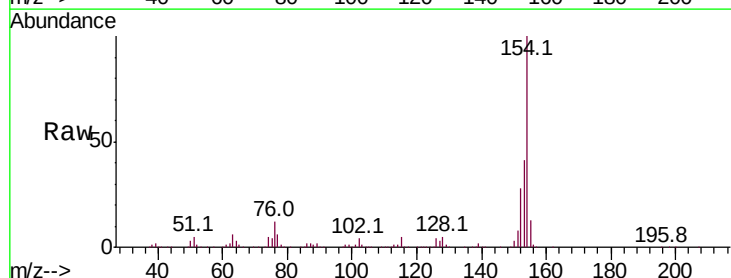


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

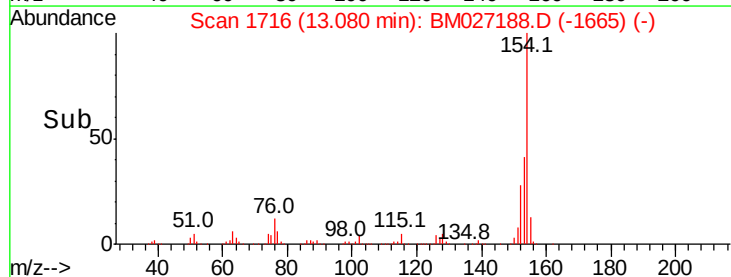
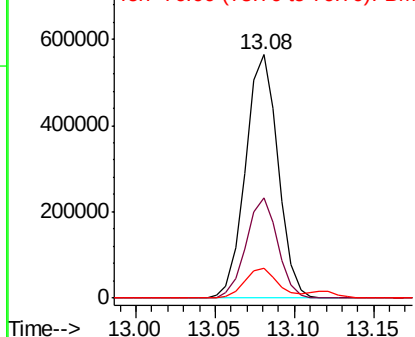


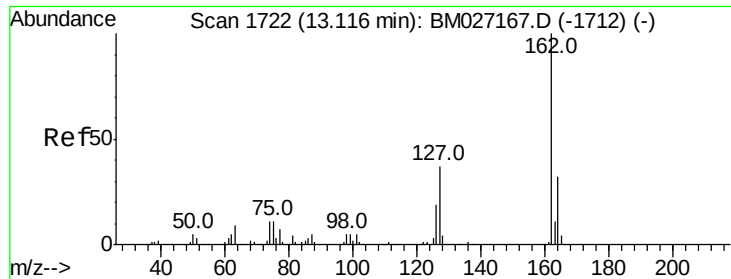
#46
1,1'-Biphenyl
Concen: 43.491 ng
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion:154 Resp: 802593
Ion Ratio Lower Upper
154 100
153 41.1 20.2 60.2
76 12.0 0.0 31.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

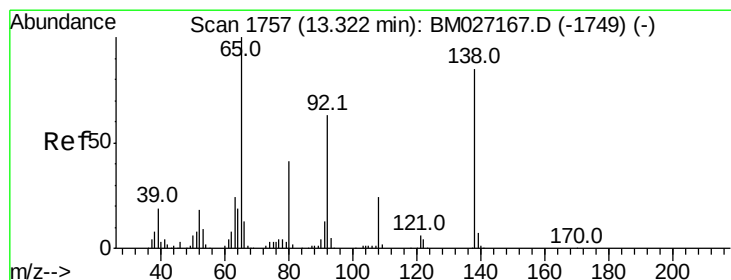
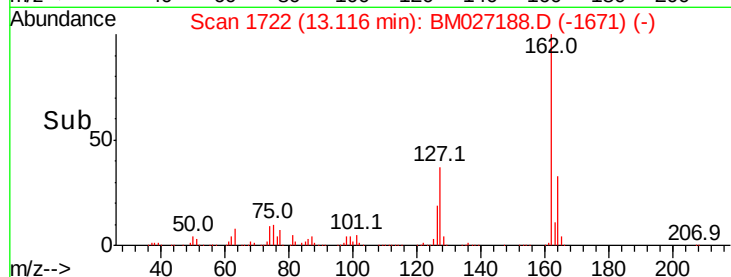
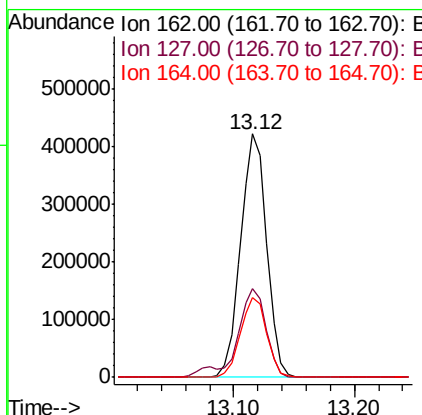
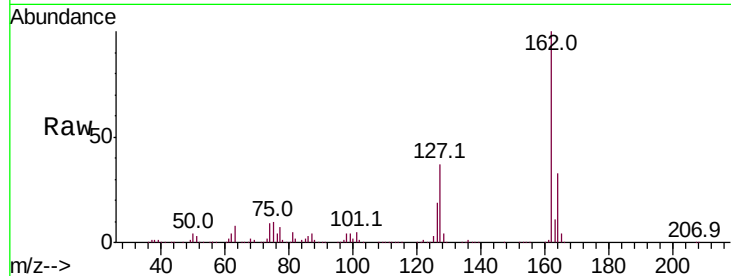




#47
 2-Chloronaphthalene
 Concen: 40.227 ng
 RT: 13.12 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

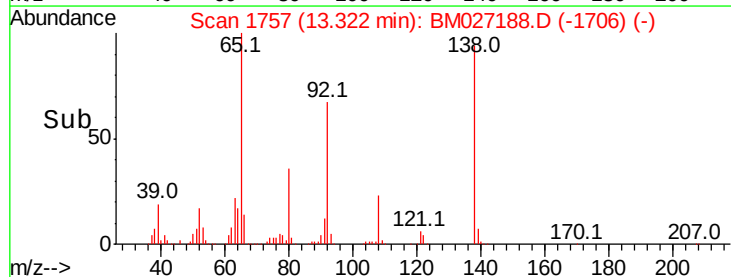
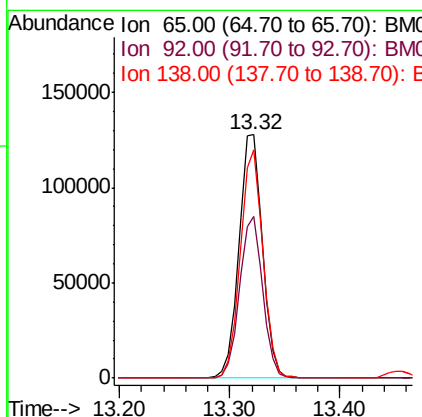
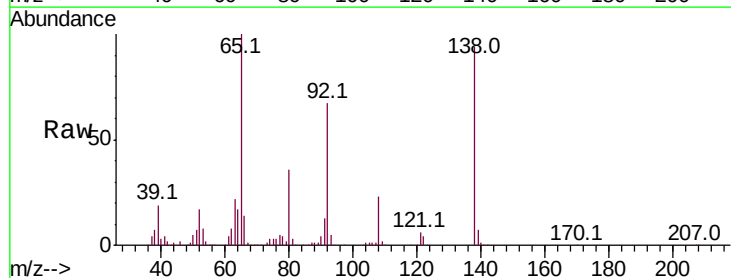
Instrument :
 BNA_M
 ClientSampled :
 359MSD

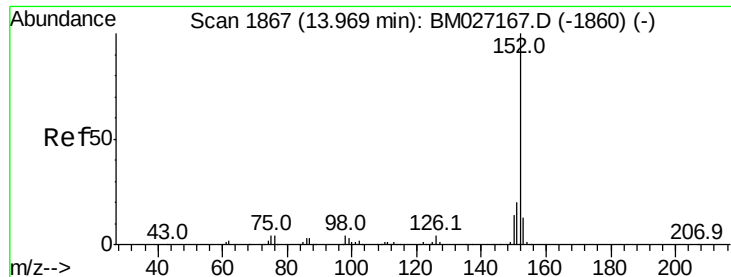
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.2	45.2
164	32.6	25.6	38.4



#48
 2-Nitroaniline
 Concen: 38.287 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	50.4	75.6
138	93.7	68.1	102.1





#49

Acenaphthylene

Concen: 43.321 ng

RT: 13.97 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

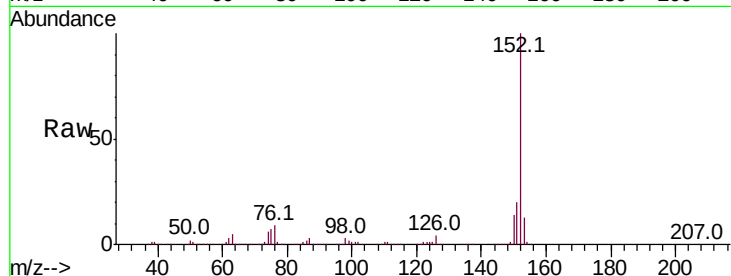
Tot Ion:152 Resp: 947932

Ion Ratio Lower Upper

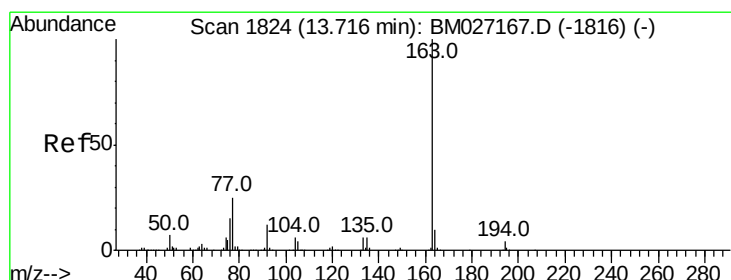
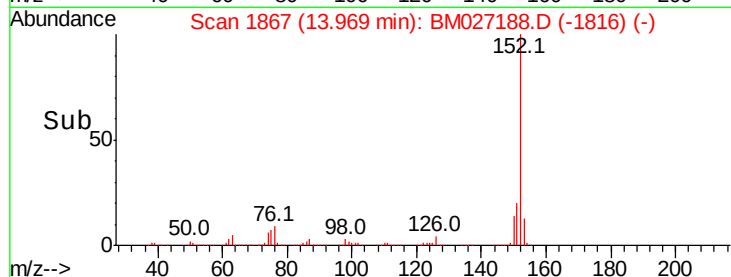
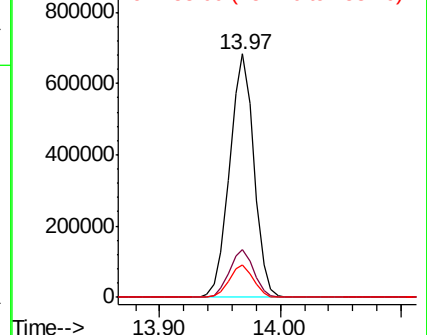
152 100

151 19.7 16.1 24.1

153 13.3 10.5 15.7



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: 44.624 ng

RT: 13.72 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

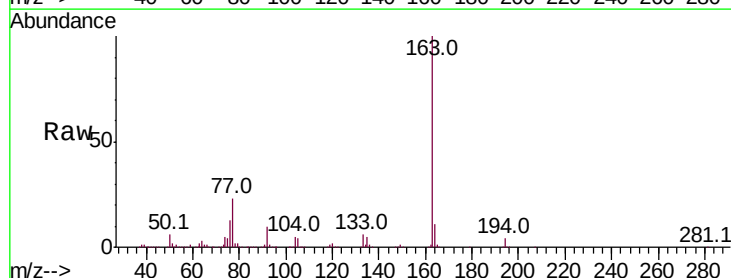
Tgt Ion:163 Resp: 892052

Ion Ratio Lower Upper

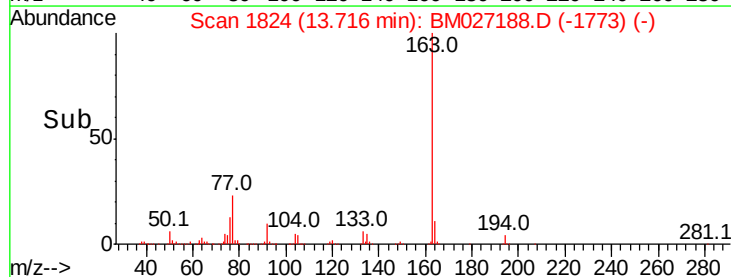
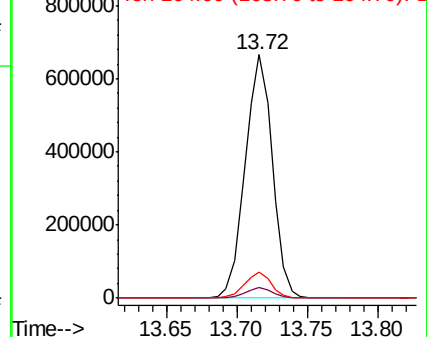
163 100

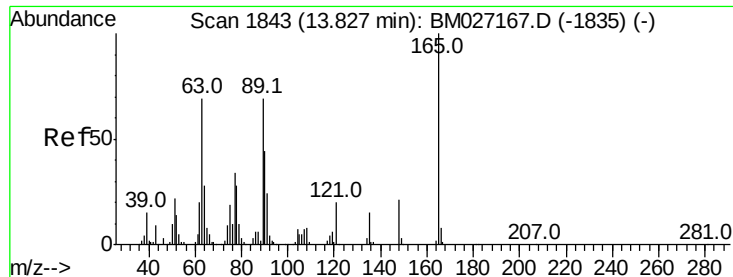
194 4.5 3.4 5.2

164 10.7 8.2 12.2



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

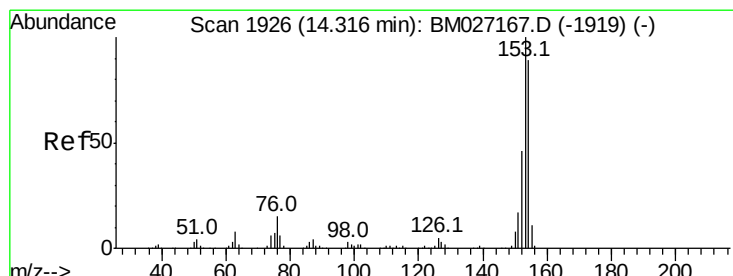
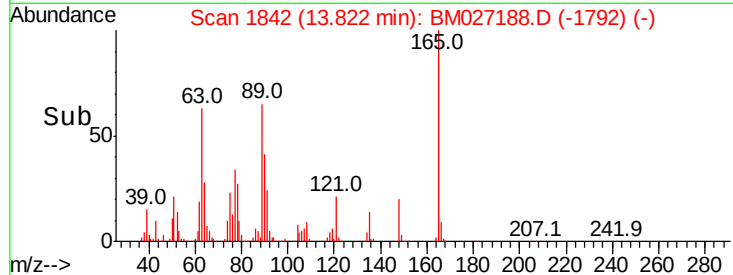
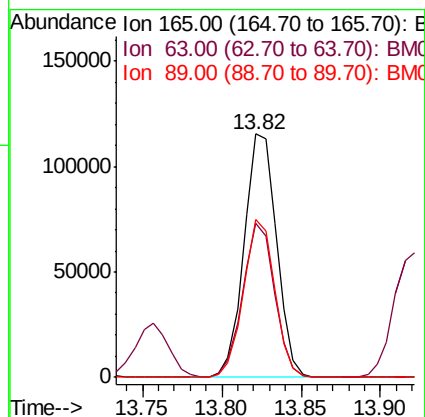
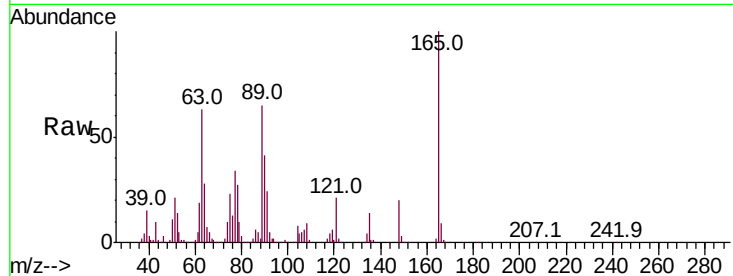




#51
 2,6-Dinitrotoluene
 Concen: 41.281 ng
 RT: 13.82 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

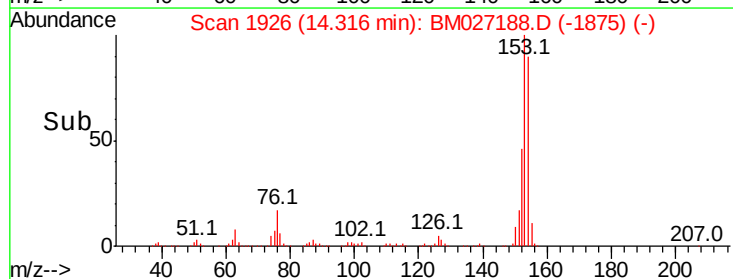
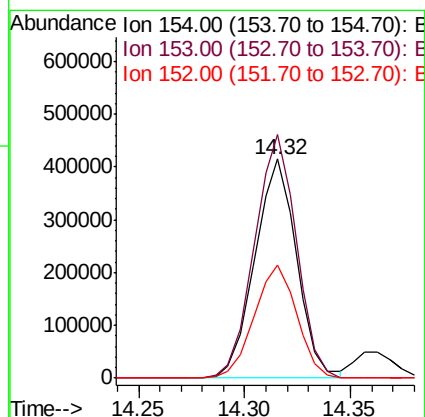
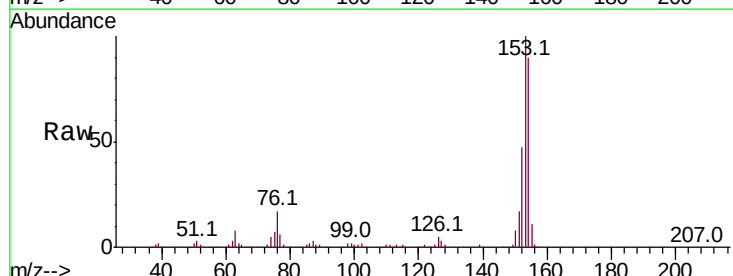
Instrument :
 BNA_M
 ClientSampleId :
 359MSD

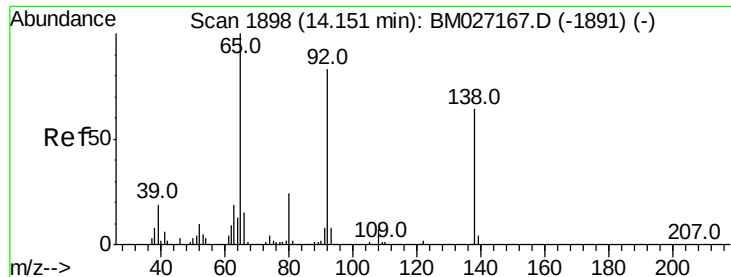
Tot Ion	Ratio	Lower	Upper
165	100		
63	63.1	56.2	84.4
89	64.7	55.3	82.9



#52
 Acenaphthene
 Concen: 41.203 ng
 RT: 14.32 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.2	135.4
152	51.8	41.2	61.8

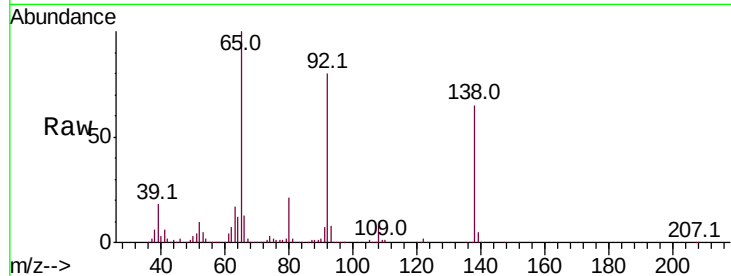




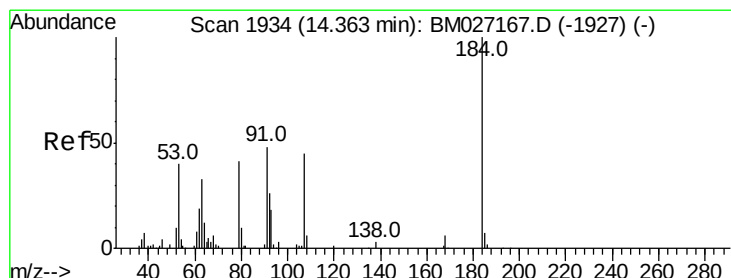
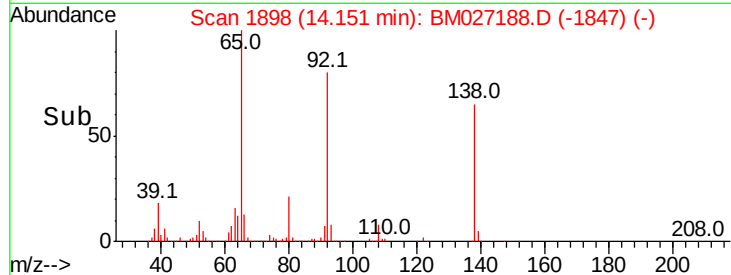
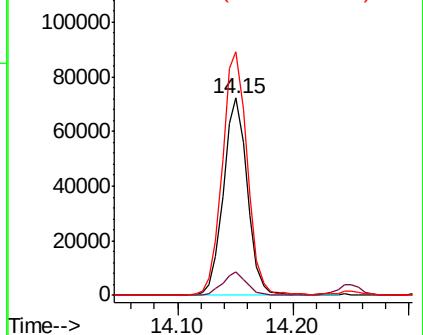
#53
 3-Nitroaniline
 Concen: 27.146 ng
 RT: 14.15 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Instrument :
 BNA_M
 ClientSampleId :
 359MSD

Tot Ion:138 Resp: 104064
 Ion Ratio Lower Upper
 138 100
 108 12.1 8.3 12.5
 92 123.6 103.4 155.2

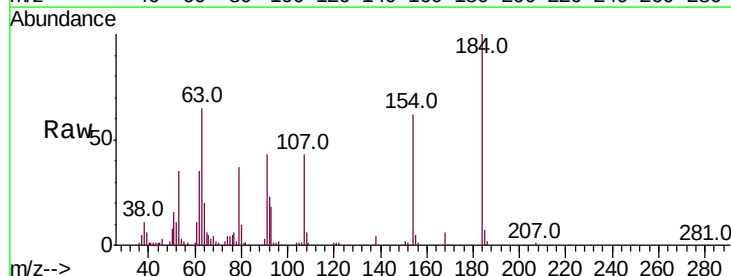


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

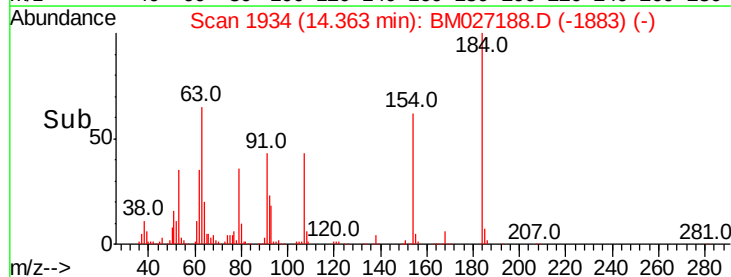
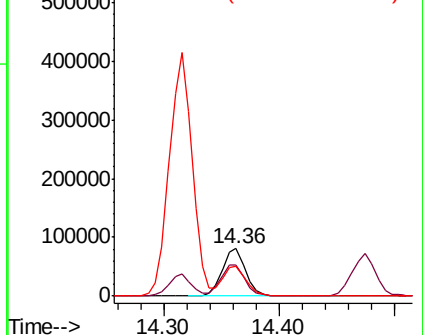


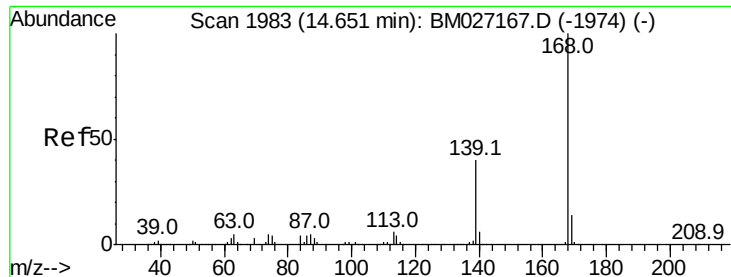
#54
 2,4-Dinitrophenol
 Concen: 55.166 ng
 RT: 14.36 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Tgt Ion:184 Resp: 114485
 Ion Ratio Lower Upper
 184 100
 63 65.5 62.6 94.0
 154 61.9 58.7 88.1



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

Dibenzenofuran

Concen: 40.353 ng

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

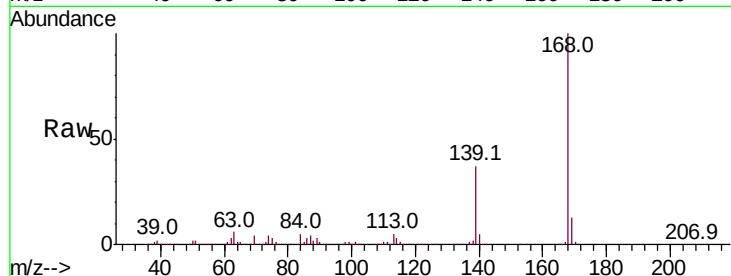
Tot Ion:168 Resp: 933750

Ion Ratio Lower Upper

168 100

139 37.2 32.4 48.6

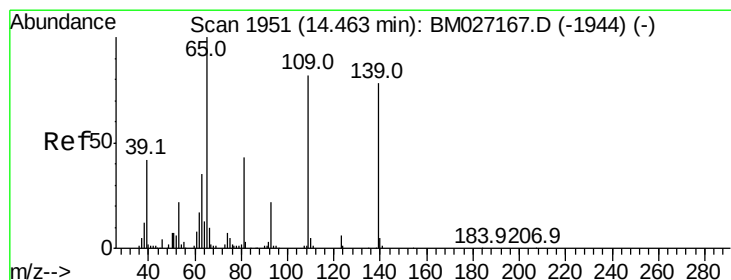
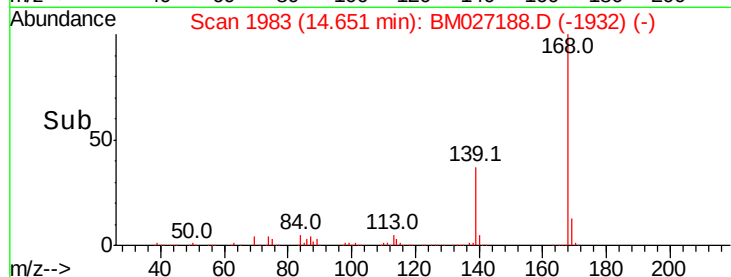
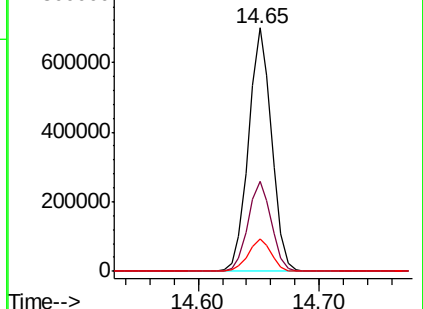
169 13.1 10.9 16.3



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: 90.639 ng

RT: 14.47 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

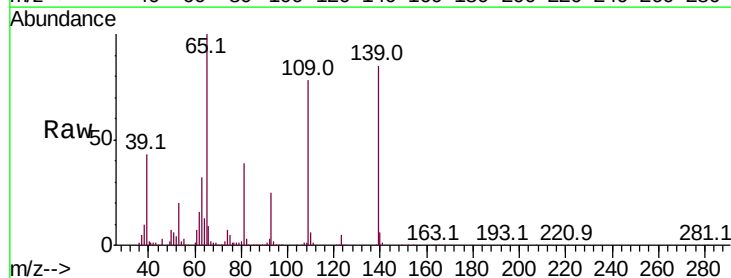
Tgt Ion:139 Resp: 277290

Ion Ratio Lower Upper

139 100

109 92.3 85.4 125.4

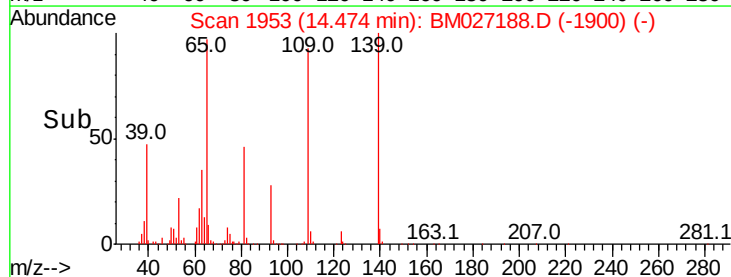
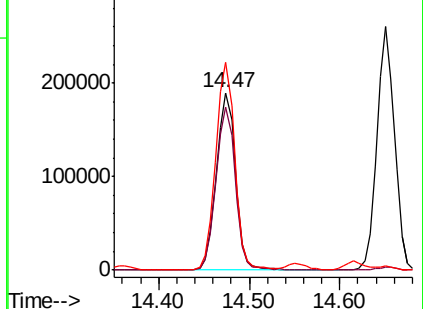
65 117.6 108.7 148.7

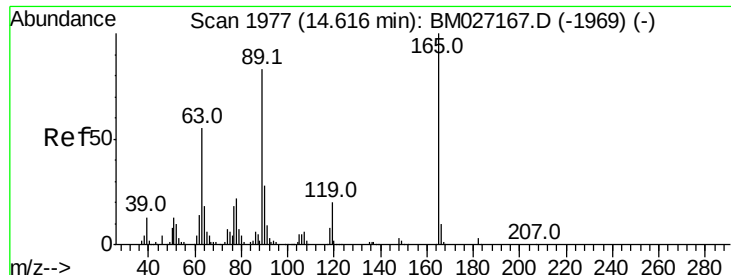


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

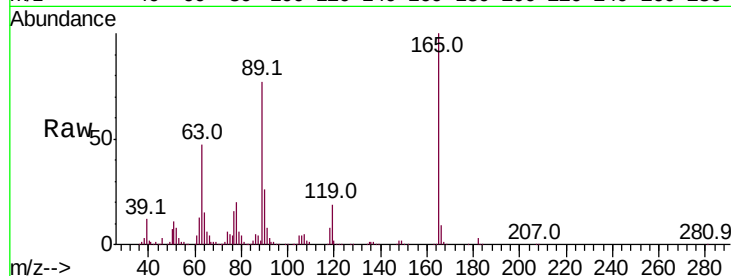




#57
 2,4-Dinitrotoluene
 Concen: 40.142 ng
 RT: 14.62 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Instrument :
 BNA_M
 ClientSampleId :
 359MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	43.8	65.6
89	77.2	66.2	99.2
182	3.0	2.1	3.1



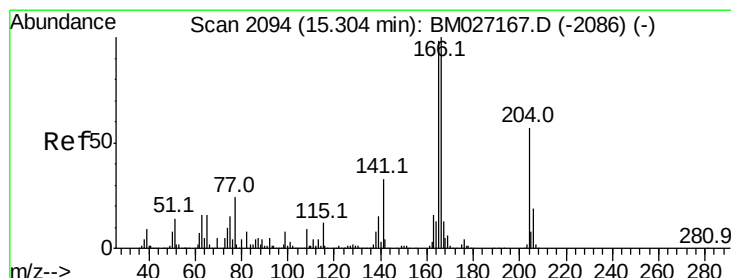
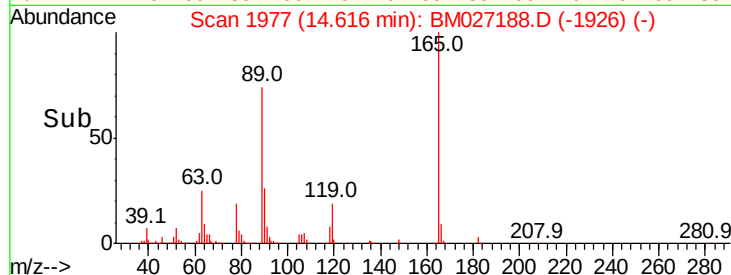
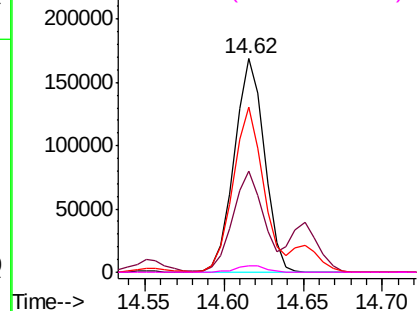
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

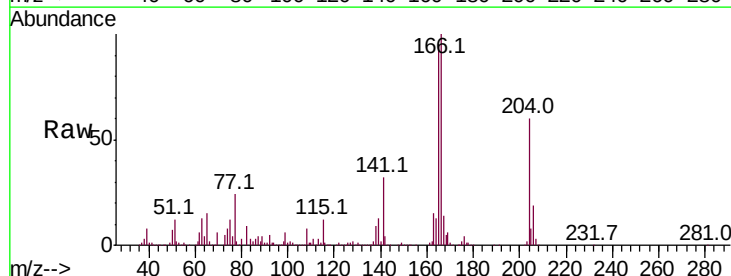
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.020 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	78.3	117.5
167	13.6	10.7	16.1

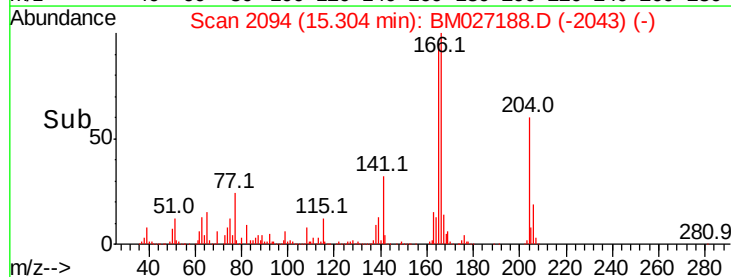
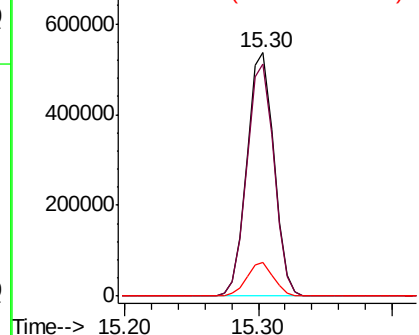


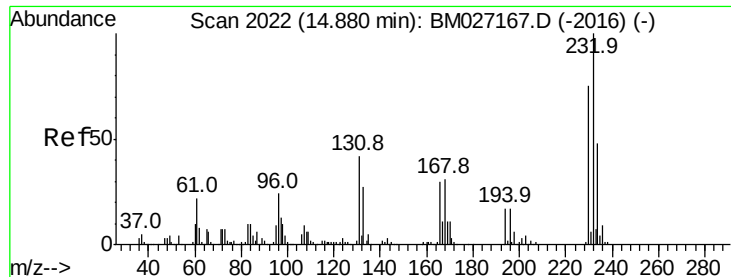
Abundance

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

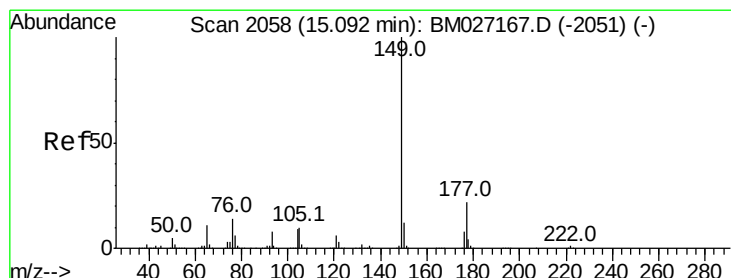
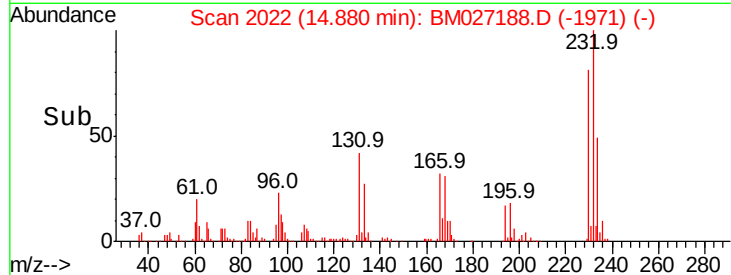
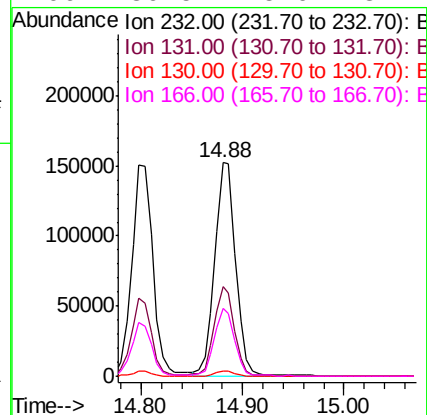
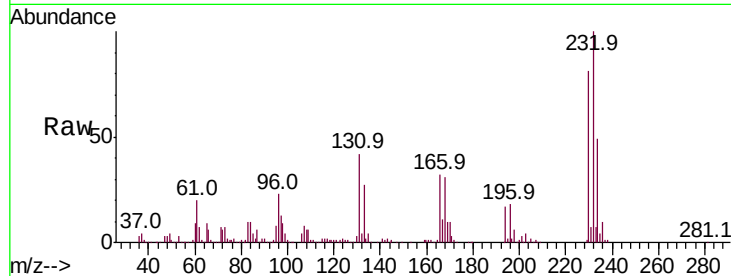




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.183 ng
RT: 14.88 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

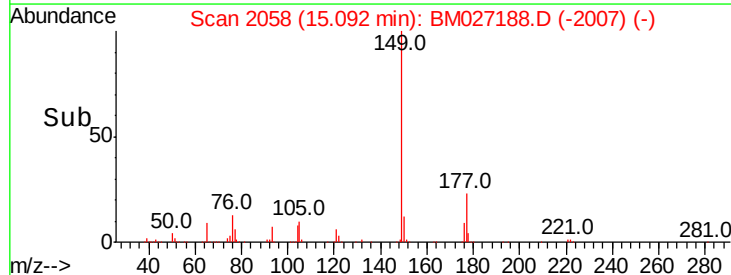
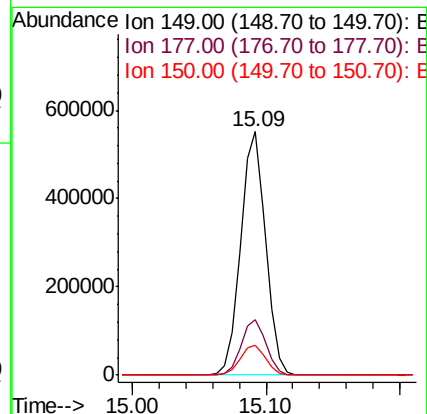
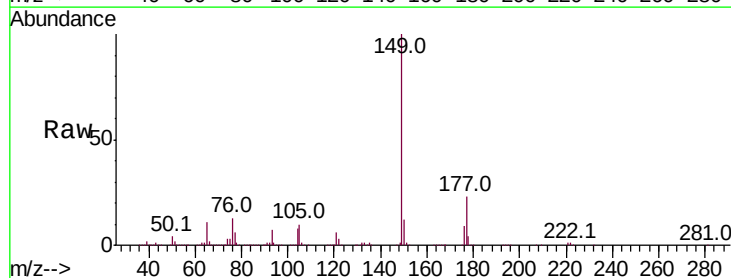
Instrument :
BNA_M
ClientSampleId :
359MSD

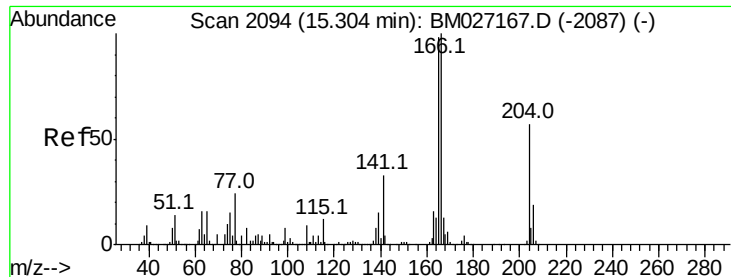
Tot Ion:	232	Resp:	217929
Ion	Ratio	Lower	Upper
232	100		
131	41.3	34.0	51.0
130	2.5	2.1	3.1
166	30.5	25.0	37.4



#60
Diethylphthalate
Concen: 35.937 ng
RT: 15.09 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion:	149	Resp:	712674
Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.5	26.3
150	12.4	9.8	14.8

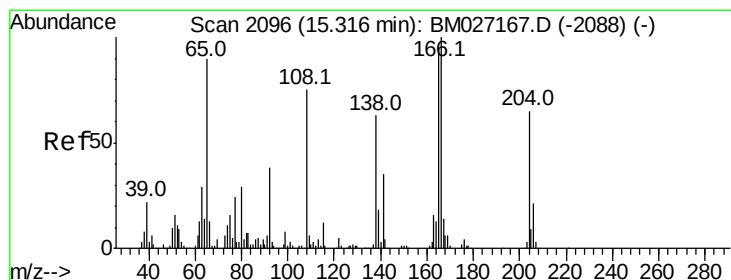
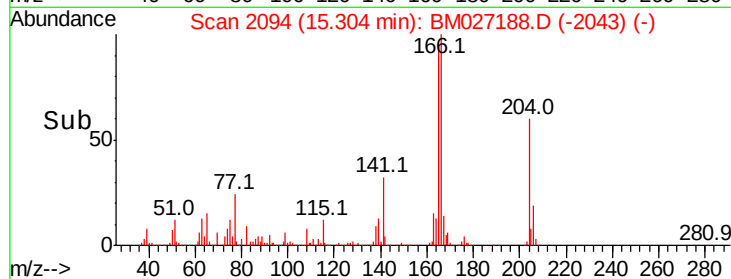
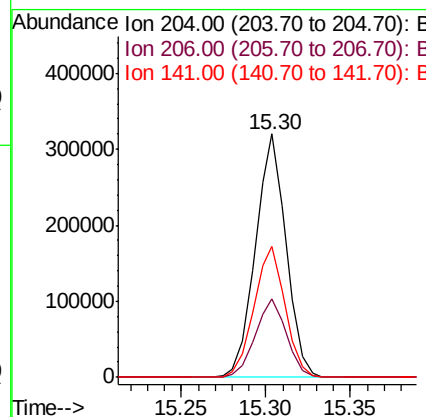
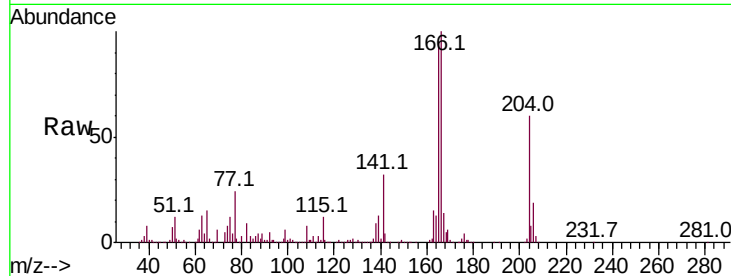




#61
4-Chlorophenyl-phenylether
Concen: 36.638 ng
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

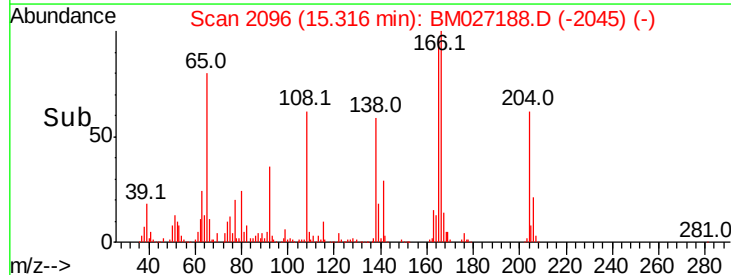
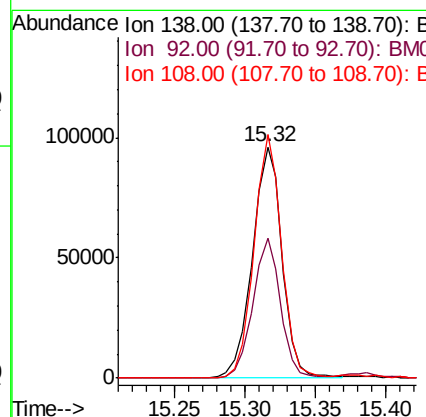
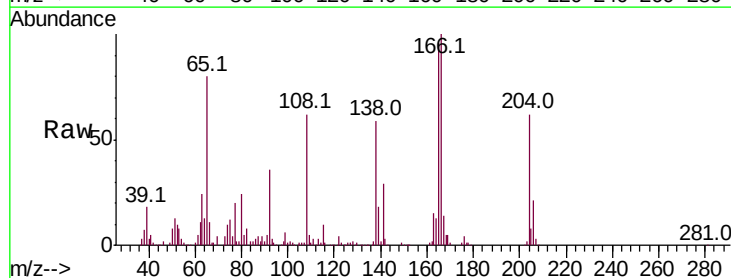
Instrument :
BNA_M
ClientSampleId :
359MSD

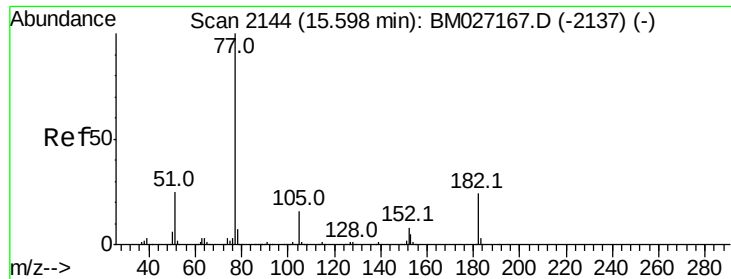
Tot Ion:204 Resp: 401992
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 53.6 46.2 69.4



#62
4-Nitroaniline
Concen: 33.085 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion:138 Resp: 142326
Ion Ratio Lower Upper
138 100
92 60.3 40.0 80.0
108 105.4 100.6 140.6





#63

Azobenzene

Concen: 36.978 ng

RT: 15.59 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

Tot Ion: 77 Resp: 752375

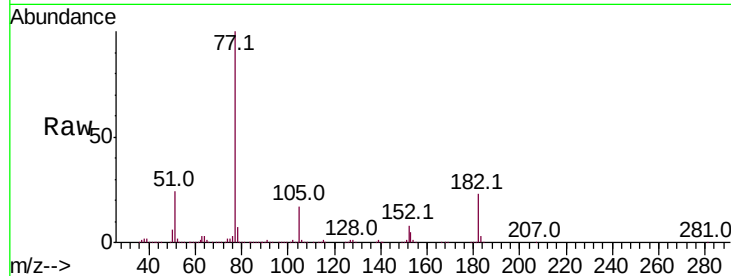
Ion Ratio Lower Upper

77 100

182 23.4 4.0 44.0

105 17.0 0.0 36.0

51 23.5 5.0 45.0

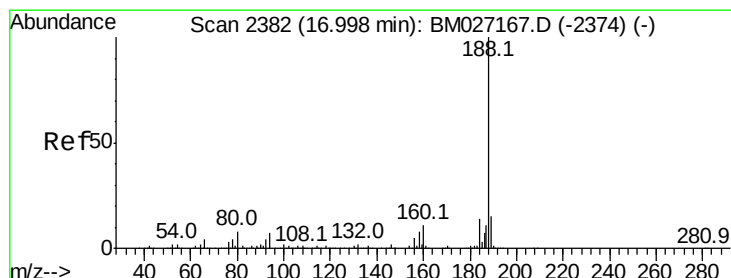
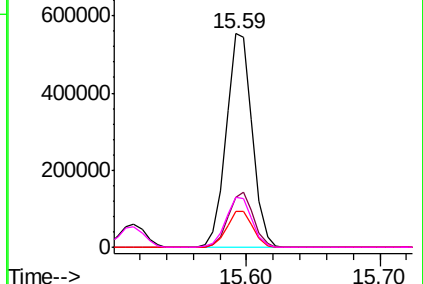
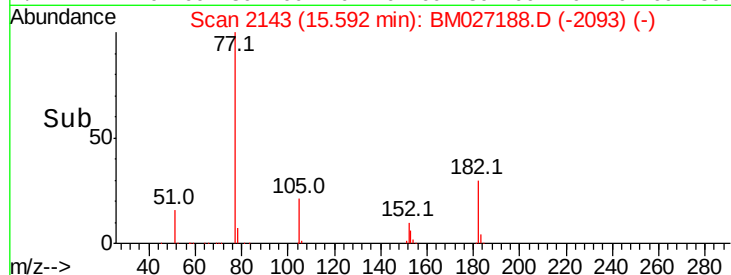


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

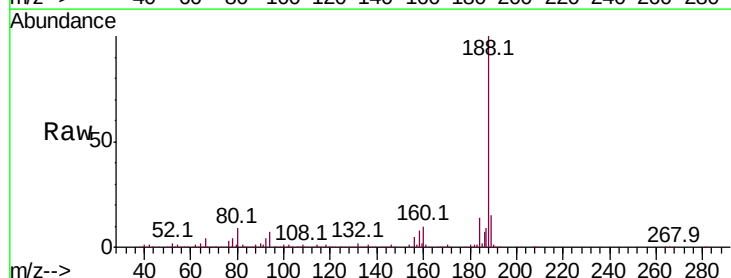
Tgt Ion: 188 Resp: 502358

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

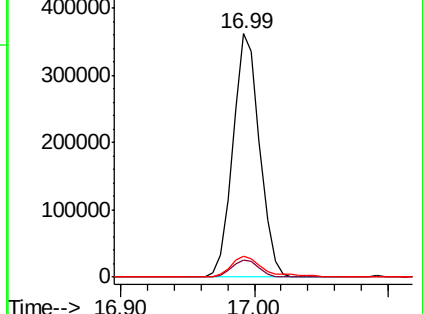
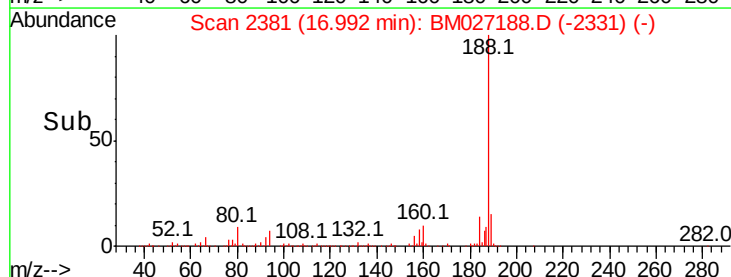
80 8.8 6.2 9.4

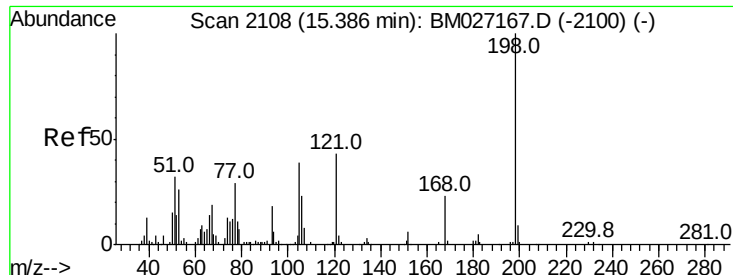


Abundance Ion 188.00 (187.70 to 188.70): E

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: 38.572 ng

RT: 15.39 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

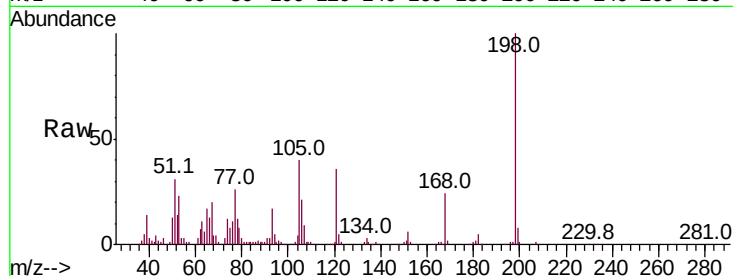
Tot Ion:198 Resp: 95164

Ion Ratio Lower Upper

198 100

51 31.2 12.1 52.1

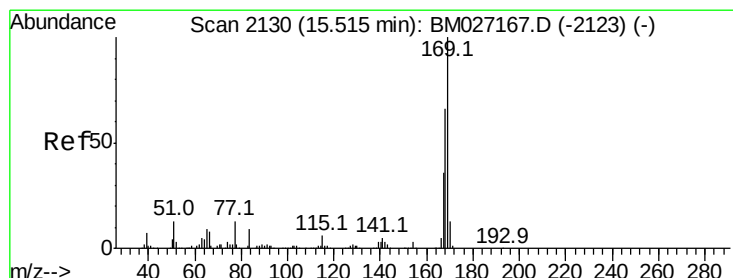
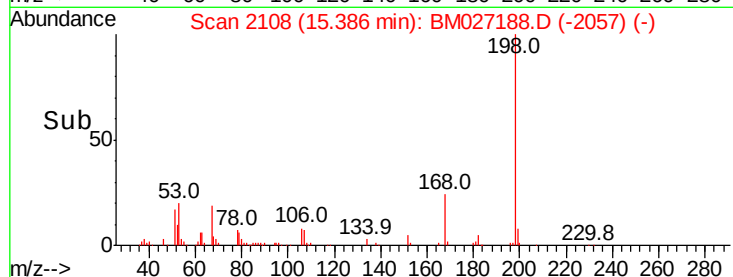
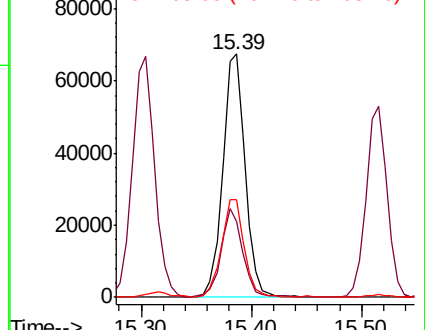
105 40.2 18.9 58.9



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: 44.380 ng

RT: 15.52 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

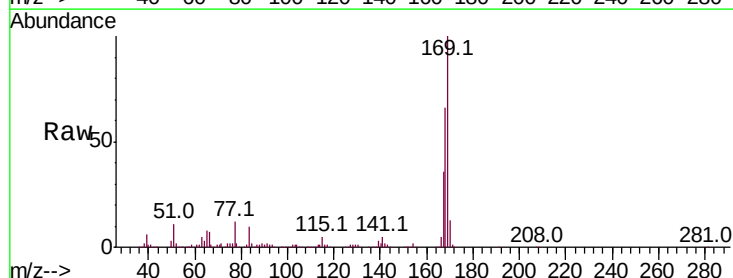
Tgt Ion:169 Resp: 633217

Ion Ratio Lower Upper

169 100

168 66.2 52.9 79.3

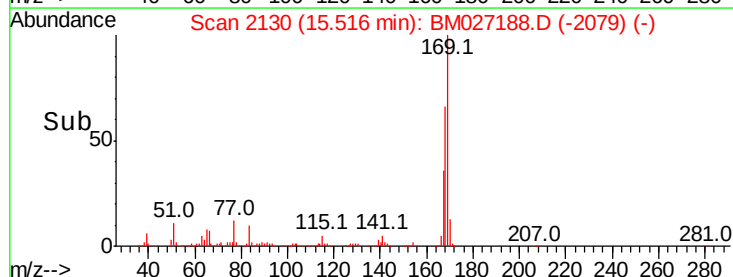
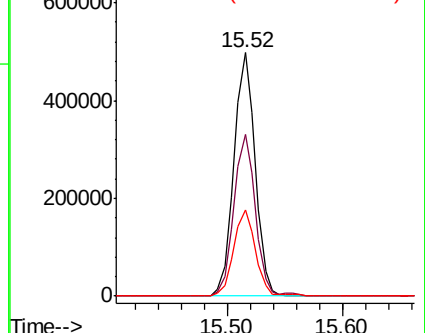
167 35.5 28.5 42.7

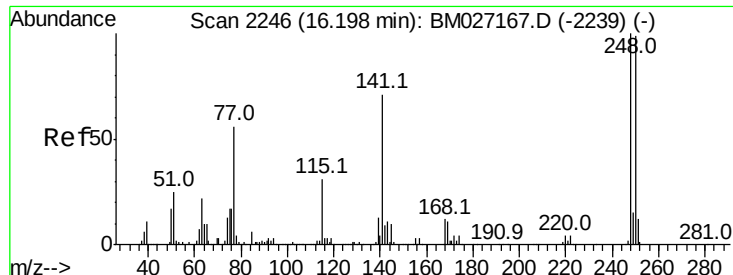


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

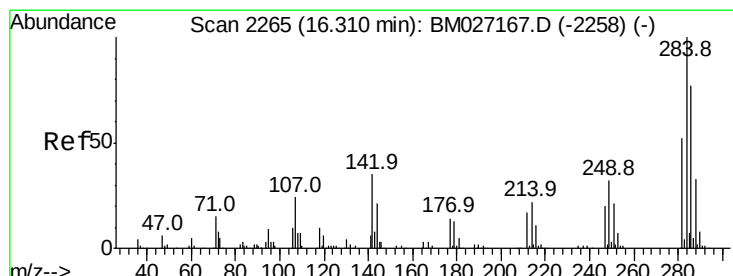
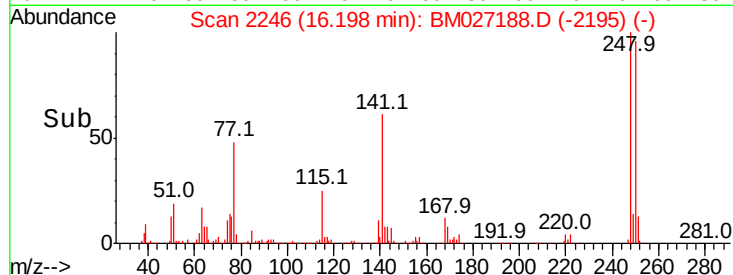
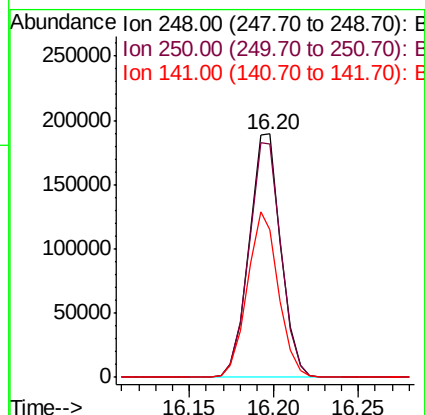
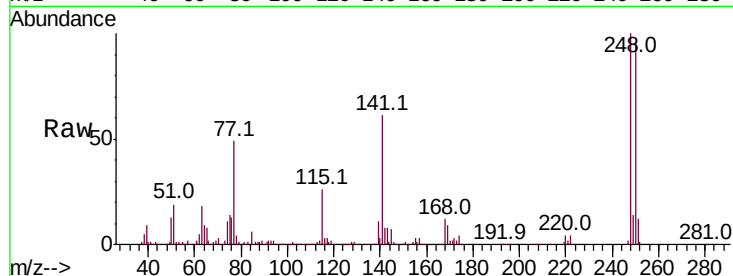




#67
4-Bromophenyl-phenylether
Concen: 40.857 ng
RT: 16.20 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

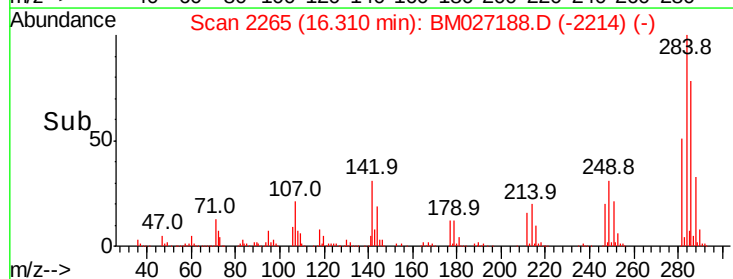
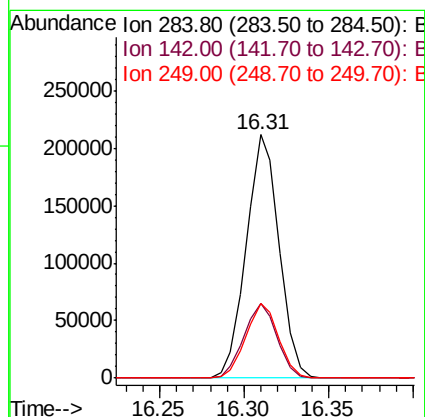
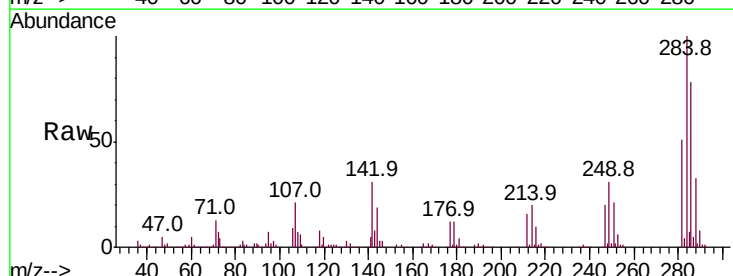
Instrument :
BNA_M
ClientSampleId :
359MSD

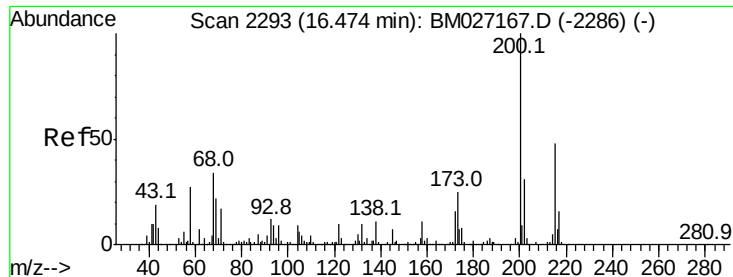
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.1	118.7
141	60.9	56.9	85.3



#68
Hexachlorobenzene
Concen: 39.757 ng
RT: 16.31 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.8	41.6
249	30.7	25.6	38.4





#69

Atrazine

Concen: 37.954 ng

RT: 16.47 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampled :

359MSD

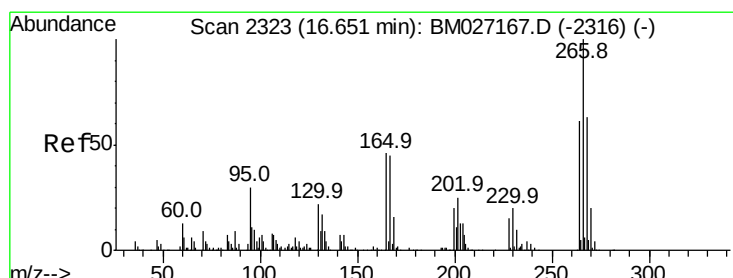
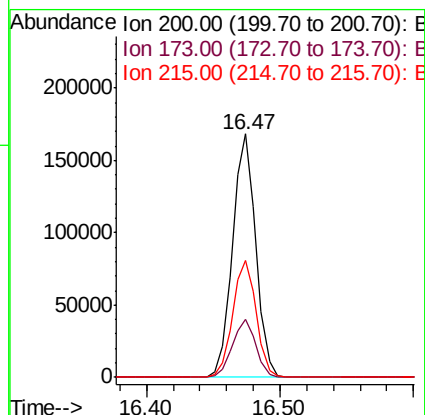
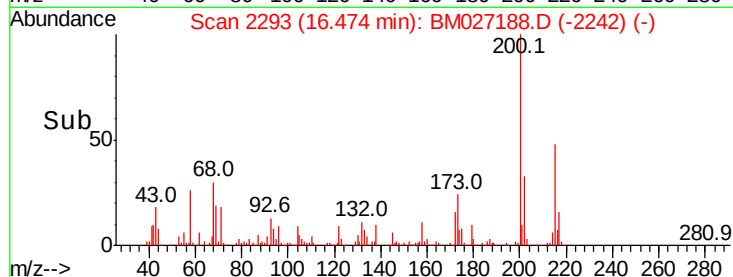
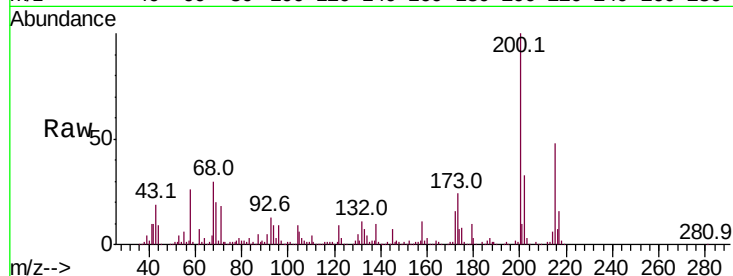
Tot Ion:200 Resp: 205020

Ion Ratio Lower Upper

200 100

173 24.1 4.6 44.6

215 47.8 28.5 68.5



#70

Pentachlorophenol

Concen: 104.225 ng

RT: 16.66 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

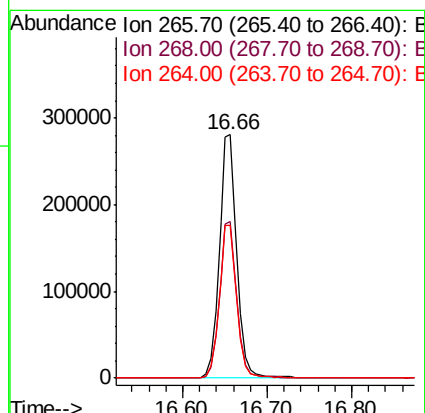
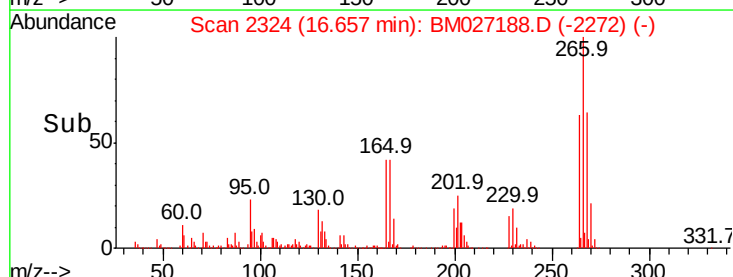
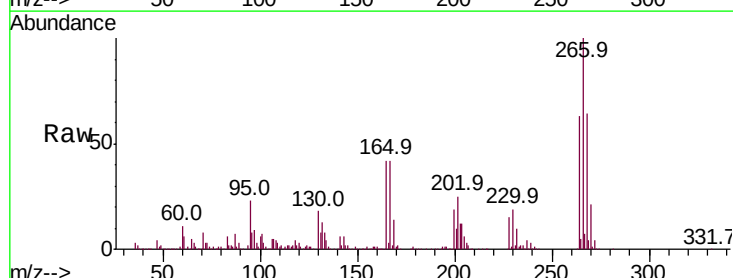
Tgt Ion:266 Resp: 406055

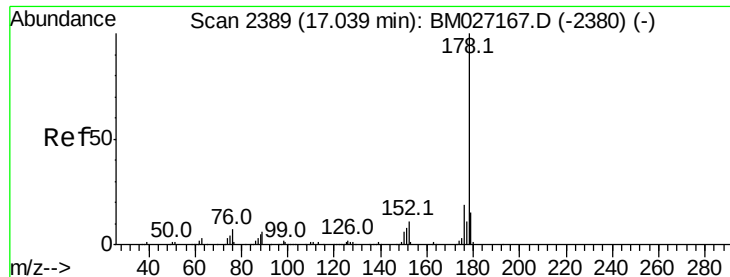
Ion Ratio Lower Upper

266 100

268 64.3 50.2 75.2

264 62.5 49.1 73.7

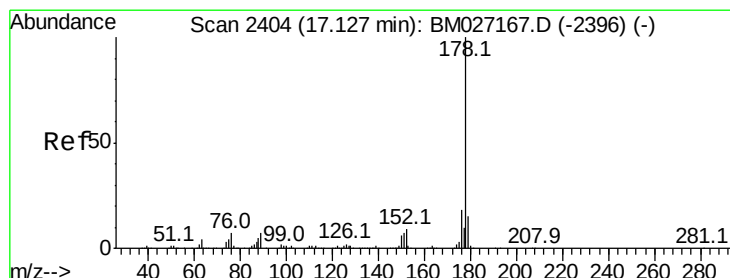
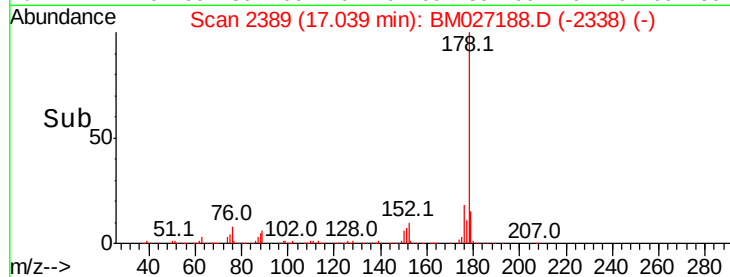
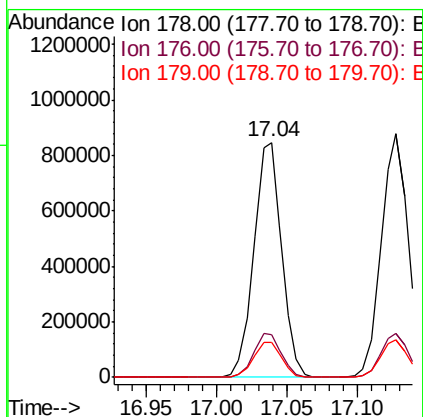
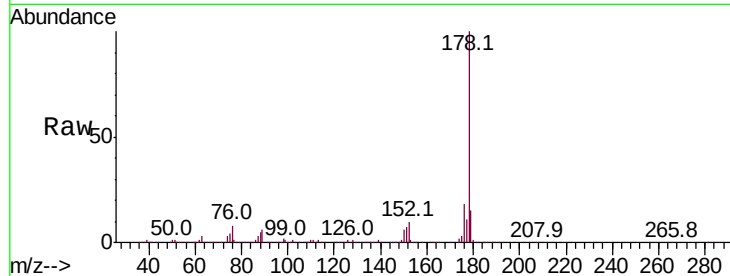




#71
Phenanthrene
Concen: 41.970 ng
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

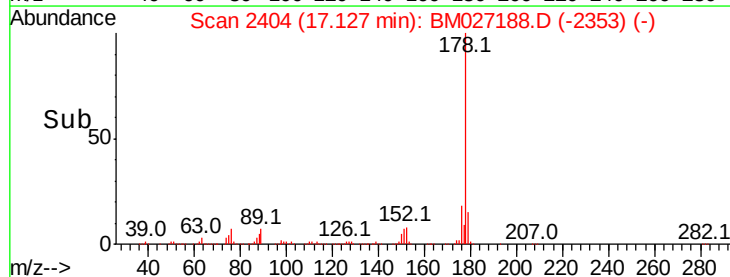
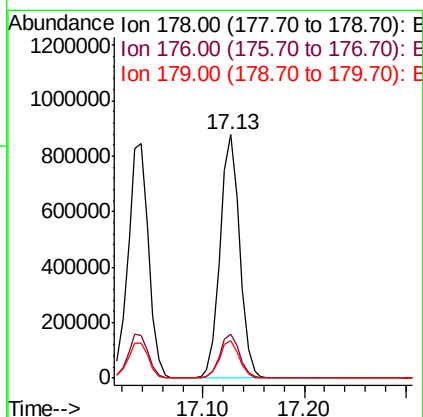
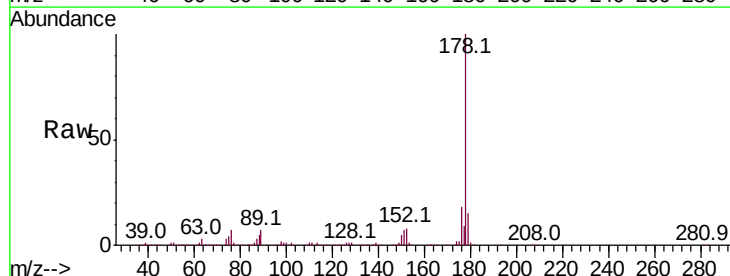
Instrument :
BNA_M
ClientSampleId :
359MSD

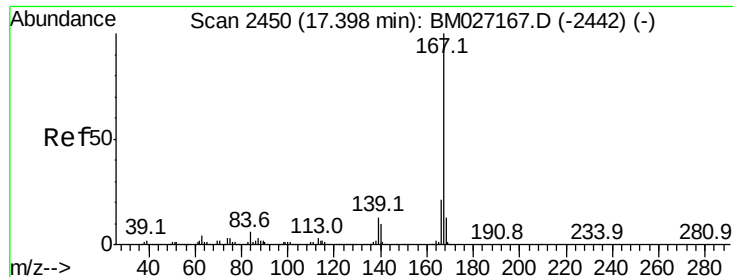
Tot Ion:178 Resp: 1172081
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.2 12.0 18.0



#72
Anthracene
Concen: 43.999 ng
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion:178 Resp: 1174638
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.2 11.9 17.9



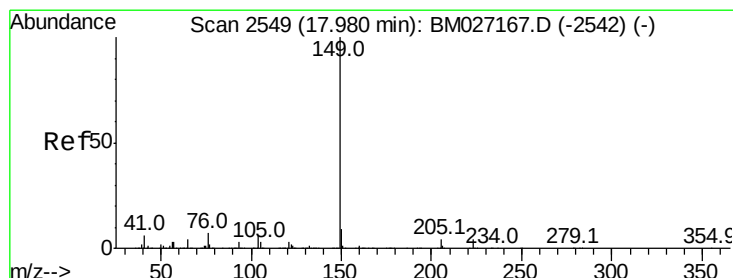
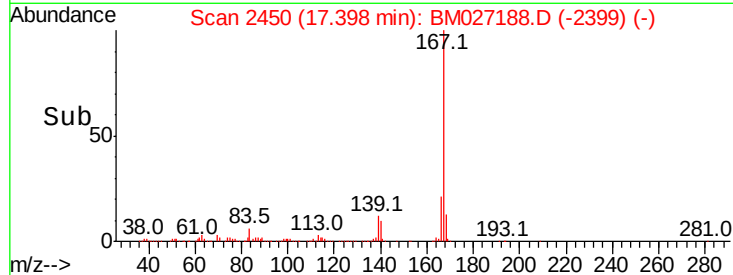
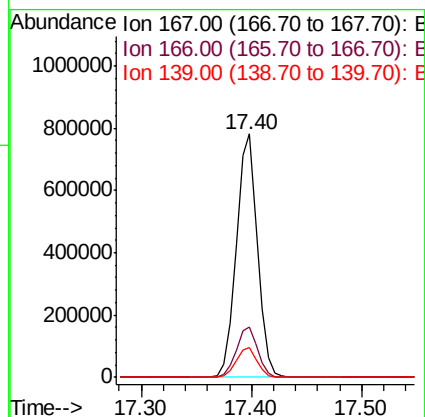
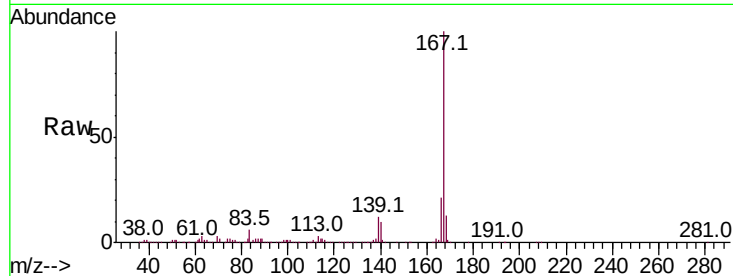


#73
 Carbazole
 Concen: 42.540 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Instrument :
 BNA_M
 ClientSampleId :
 359MSD

Tot Ion:167 Resp: 1044627

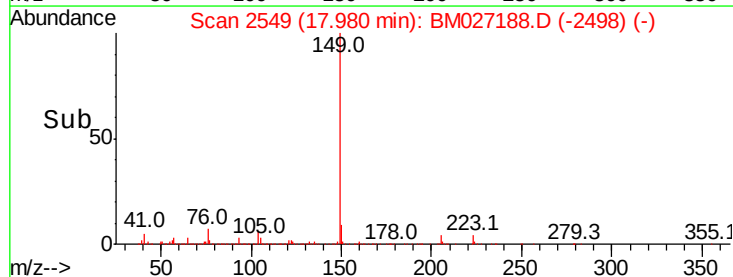
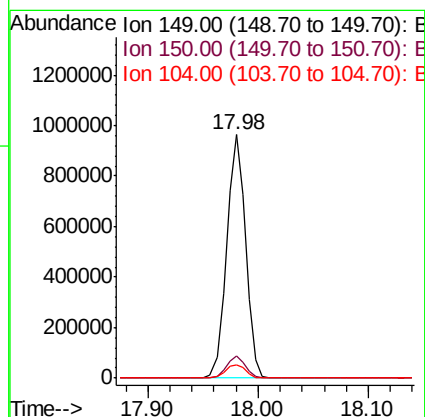
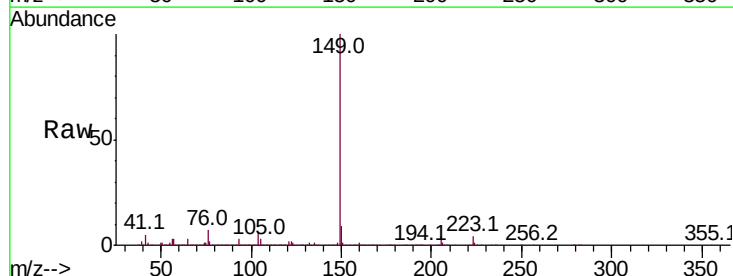
Ion	Ratio	Lower	Upper
167	100		
166	20.7	16.6	24.8
139	12.4	10.2	15.2

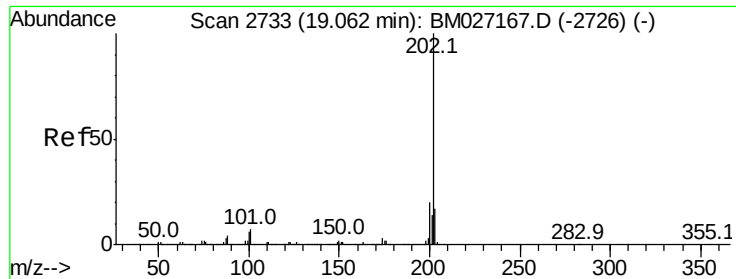


#74
 Di-n-butylphthalate
 Concen: 40.641 ng
 RT: 17.98 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM027188.D
 Acq: 22 Aug 2020 02:19

Tgt Ion:149 Resp: 1152653

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.7	5.2	7.8





#75

Fluoranthene

Concen: 41.924 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

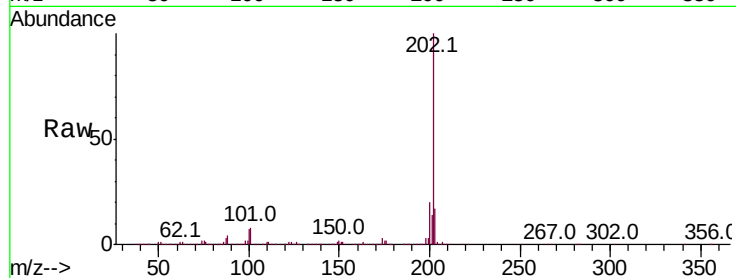
Tot Ion:202 Resp: 1462513

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.2

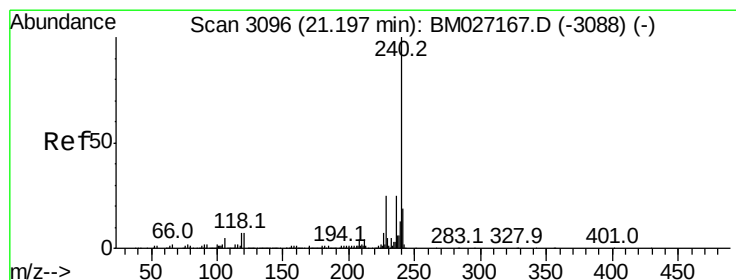
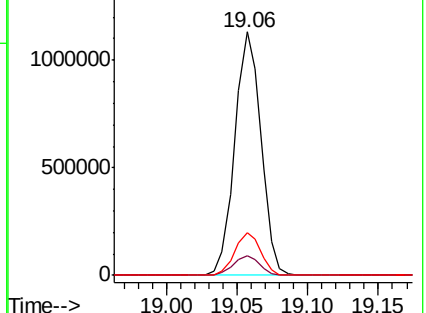
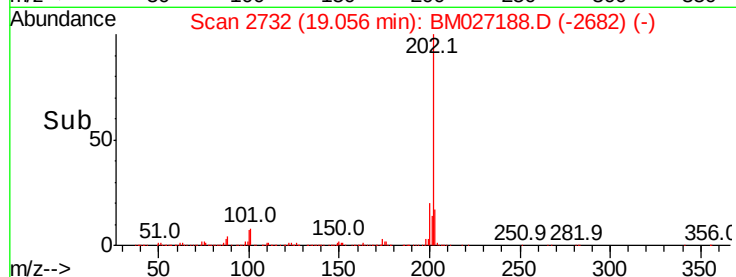
203 17.4 0.0 37.1



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: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

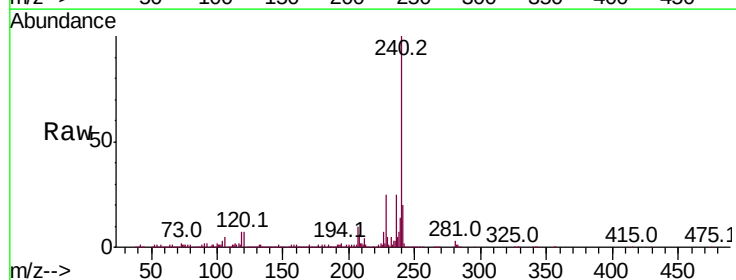
Tgt Ion:240 Resp: 588003

Ion Ratio Lower Upper

240 100

120 6.8 5.6 8.4

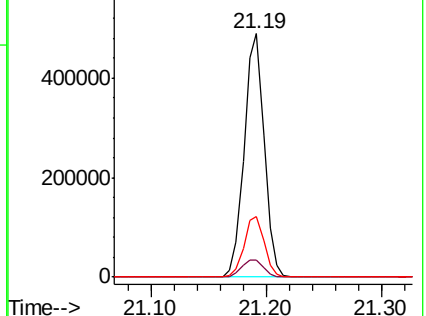
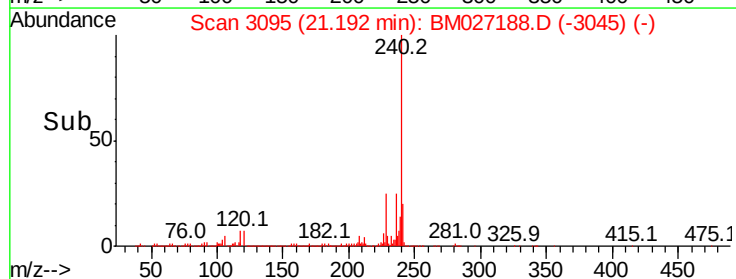
236 25.1 19.8 29.6

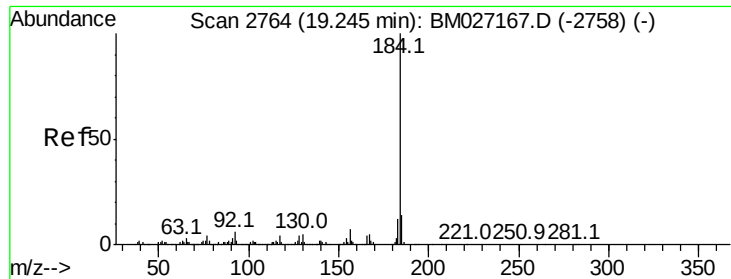


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 86.695 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

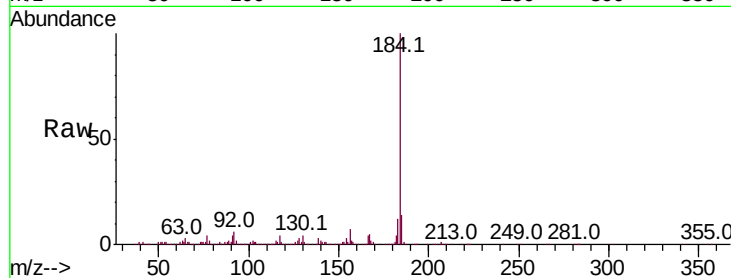
Tot Ion:184 Resp: 884238

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

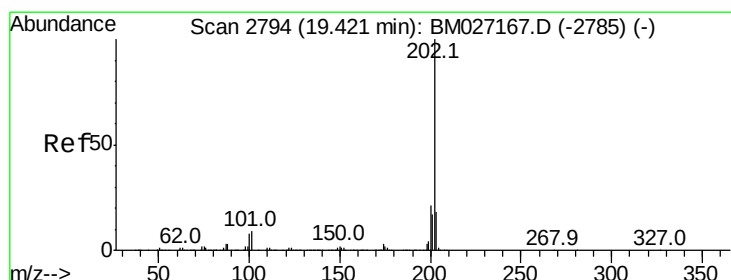
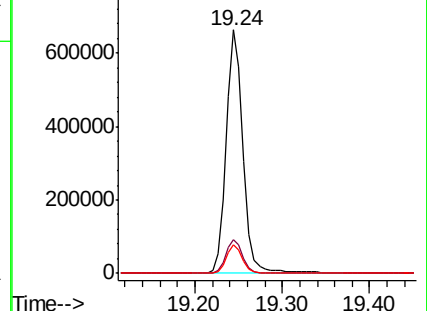
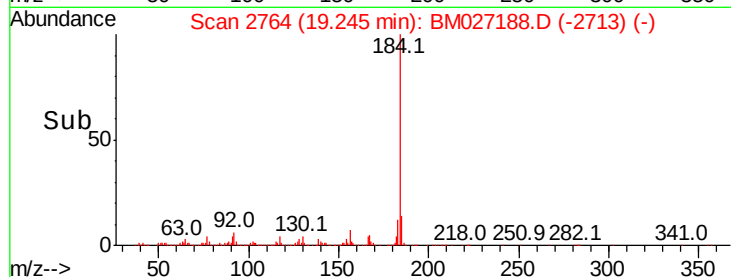
183 11.9 9.4 14.0



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: 42.068 ng

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

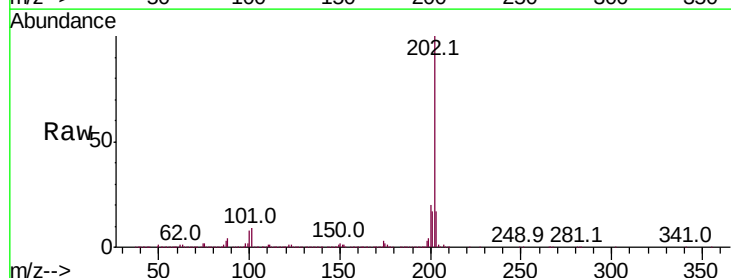
Tgt Ion:202 Resp: 1505147

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

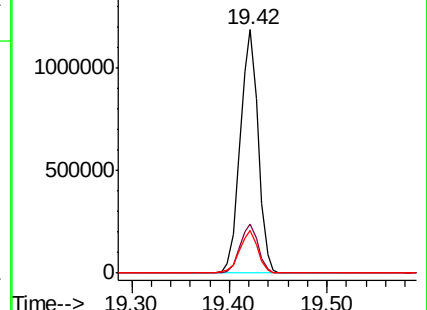
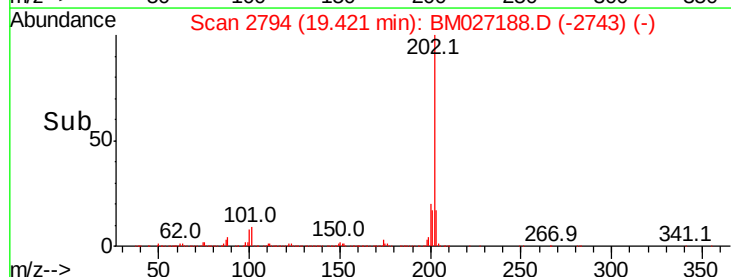
203 17.5 14.0 21.0

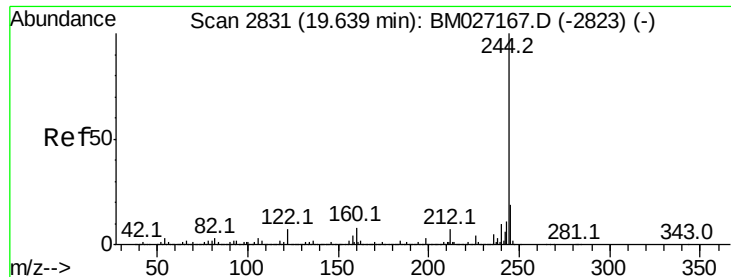


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 49.260 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

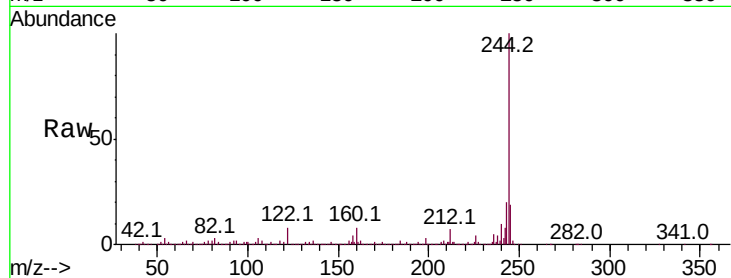
Tot Ion:244 Resp: 1550543

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

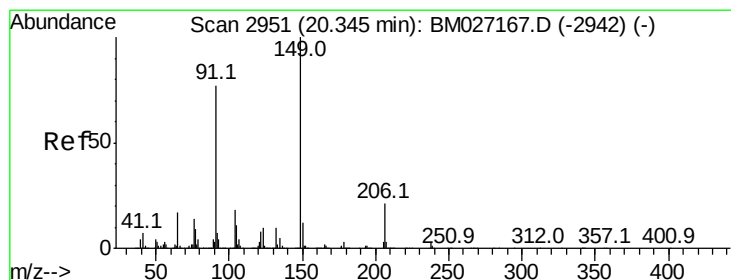
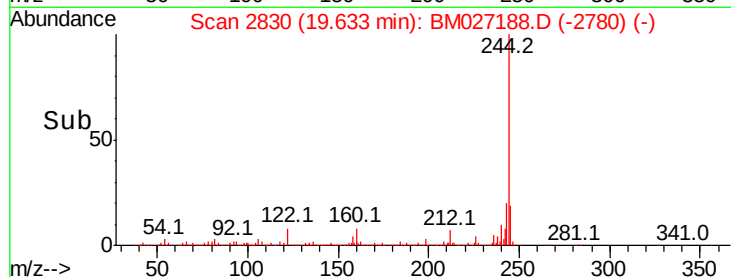
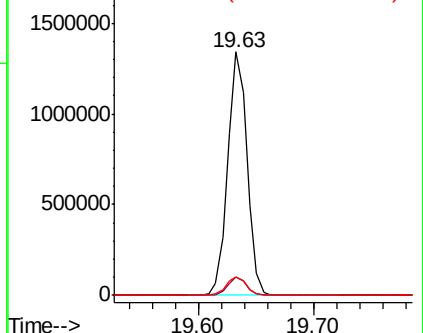
122 7.7 5.8 8.8



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: 42.125 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

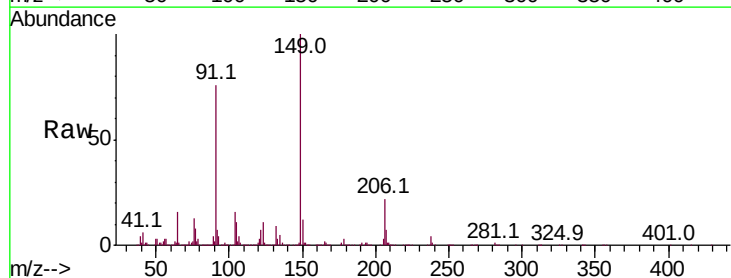
Tgt Ion:149 Resp: 550891

Ion Ratio Lower Upper

149 100

91 76.1 61.7 92.5

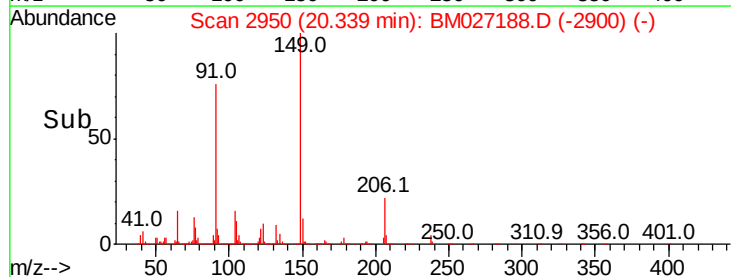
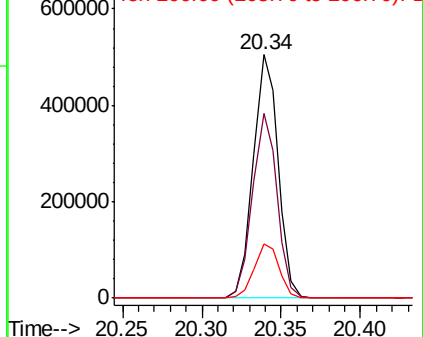
206 22.2 16.6 24.8

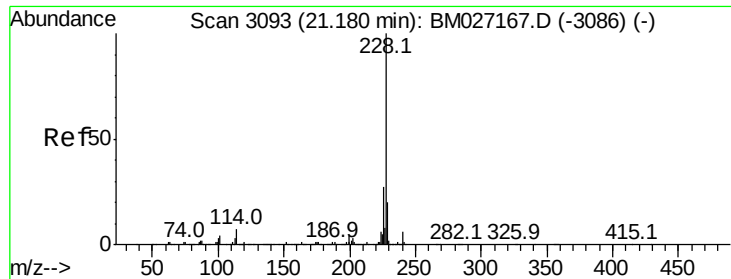


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.158 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

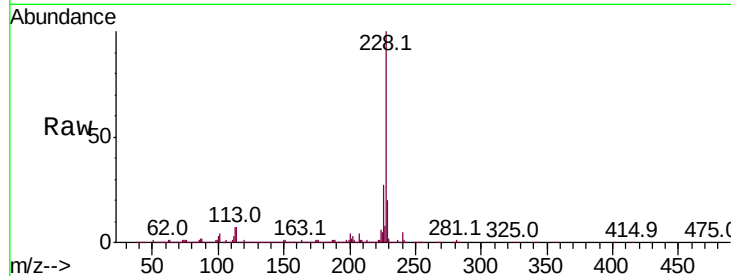
Tot Ion:228 Resp: 1606335

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.2
229	20.3	15.8	23.6

228 100

226 26.9 21.4 32.2

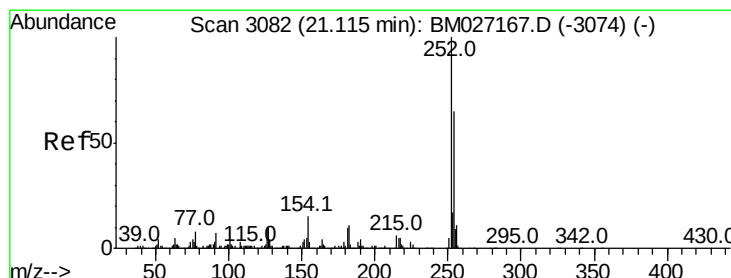
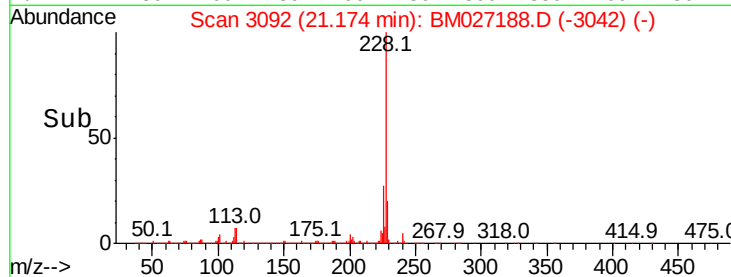
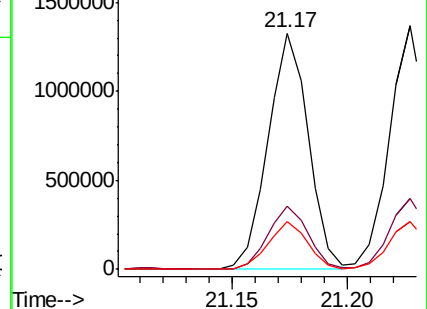
229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.800 ng

RT: 21.11 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

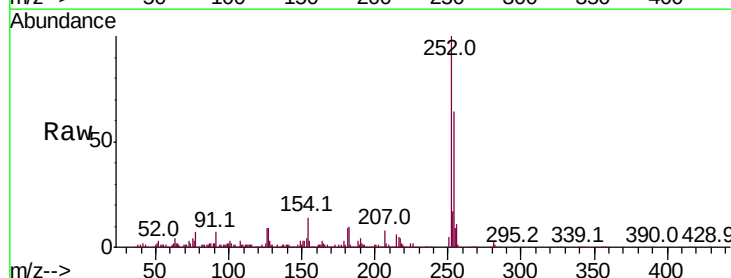
Tgt Ion:252 Resp: 568320

Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.3	78.5
126	8.5	7.1	10.7

252 100

254 63.8 52.3 78.5

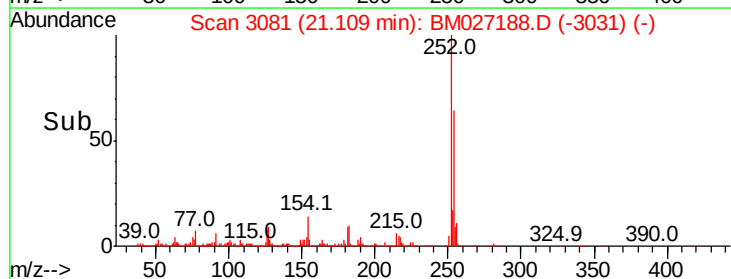
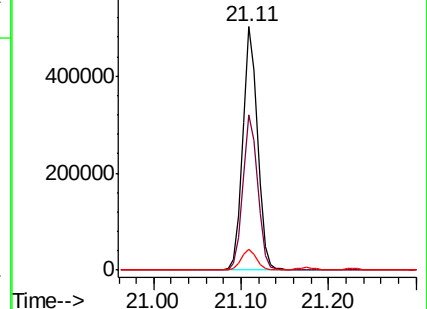
126 8.5 7.1 10.7

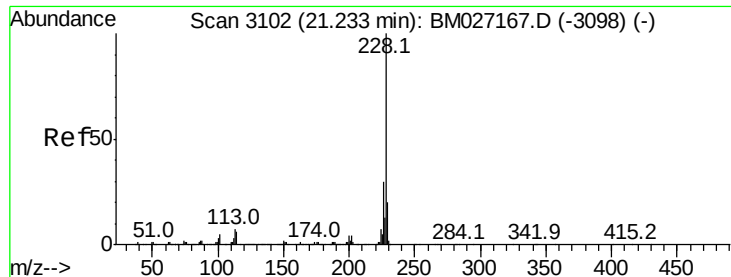


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.137 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

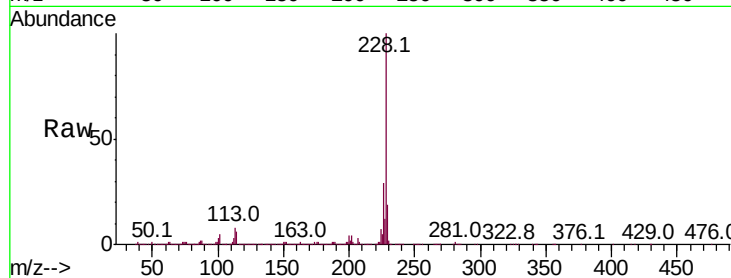
Tot Ion:228 Resp: 1559298

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.7	35.5
229	19.5	15.8	23.8

228 100

226 29.1 23.7 35.5

229 19.5 15.8 23.8

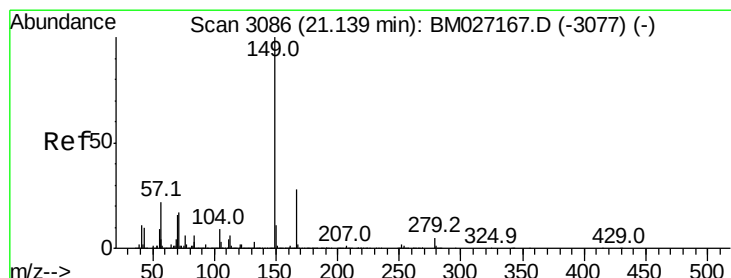
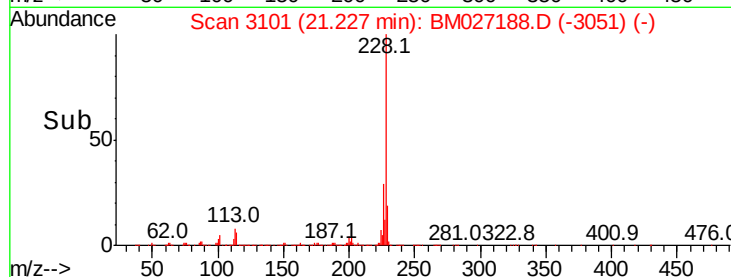
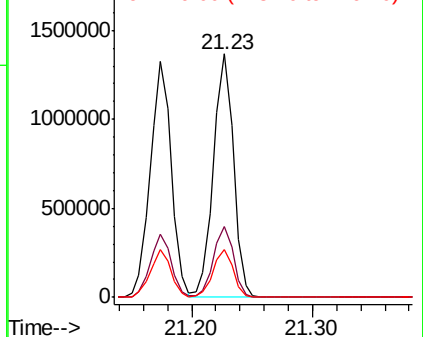


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.813 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

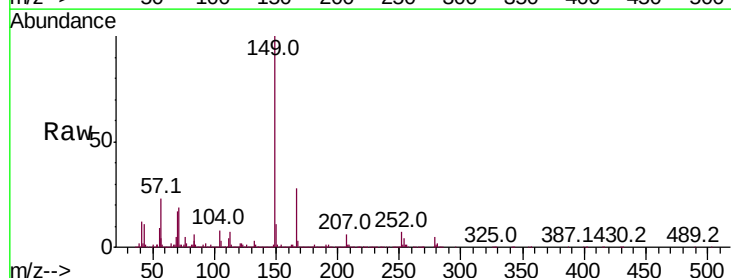
Tgt Ion:149 Resp: 796870

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	4.8	4.2	6.4

149 100

167 27.5 22.2 33.2

279 4.8 4.2 6.4

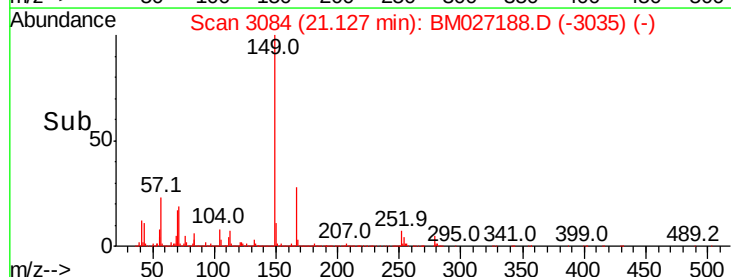
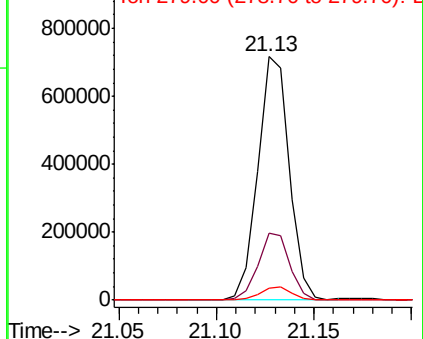


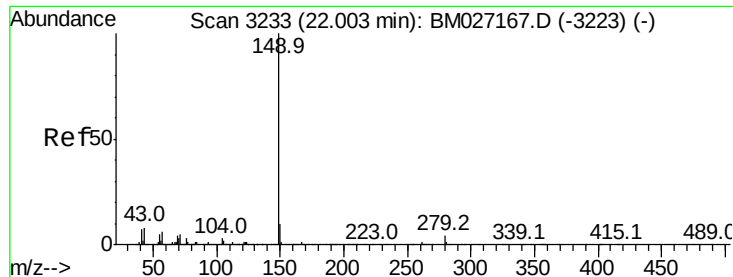
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.741 ng

RT: 22.00 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

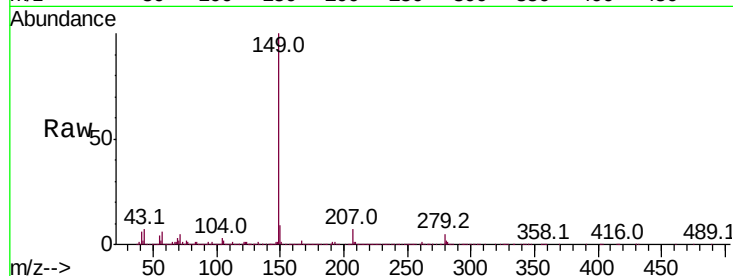
Tot Ion:149 Resp: 1466041

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

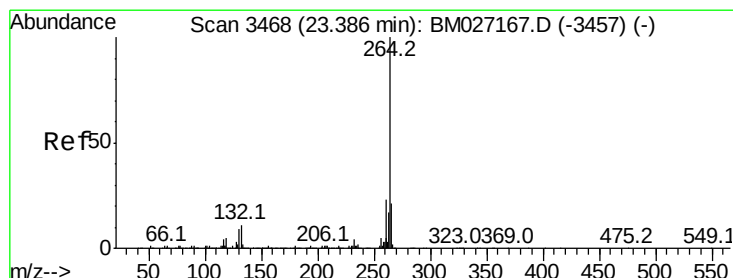
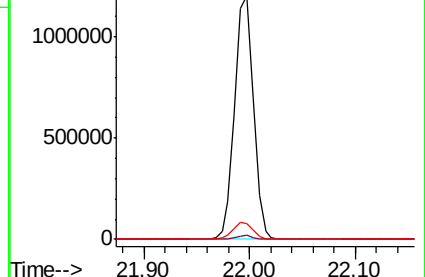
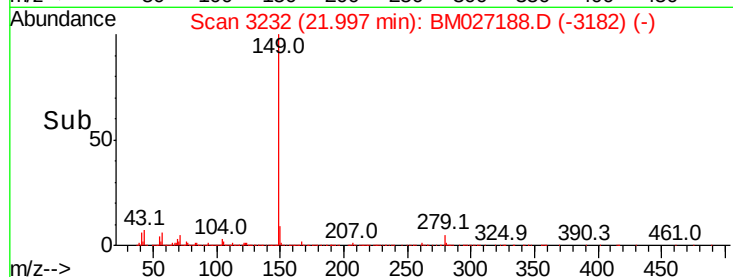
43 7.0 6.1 9.1



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: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

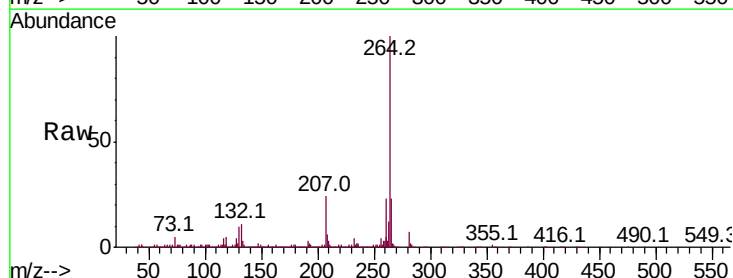
Tgt Ion:264 Resp: 687361

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

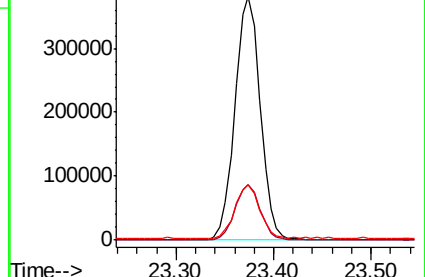
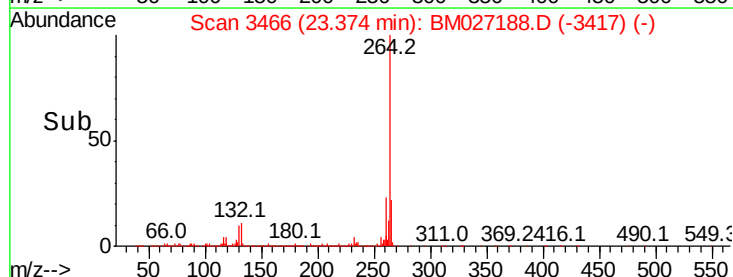
265 22.7 17.5 26.3

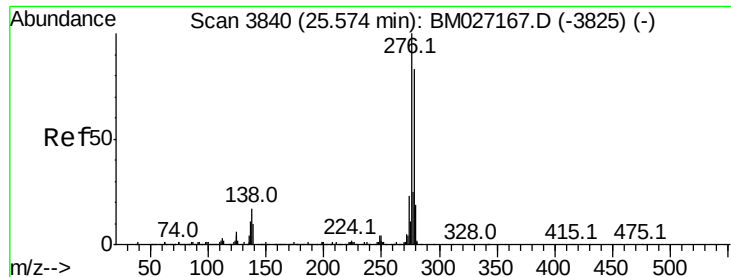


Abundance Ion 264.00 (263.70 to 264.70): E

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: 39.620 ng

RT: 25.56 min Scan# 3838

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

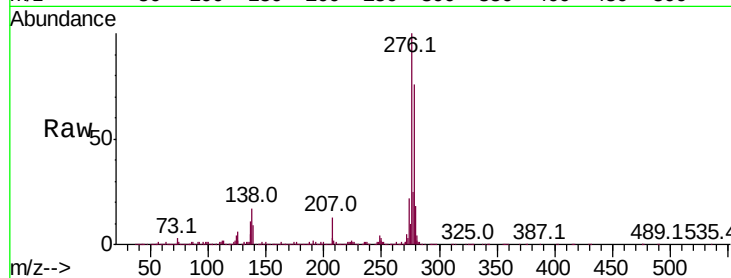
Tot Ion:276 Resp: 2131466

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.3	19.9
277	25.1	20.0	30.0

276 100

138 17.1 13.3 19.9

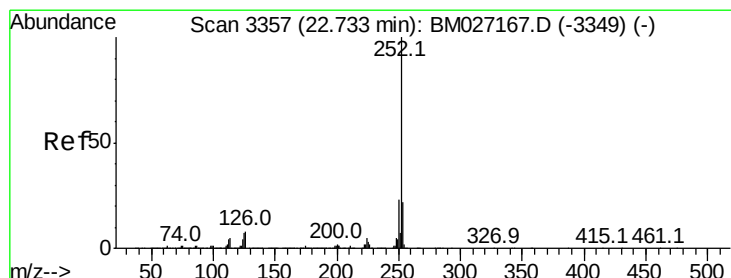
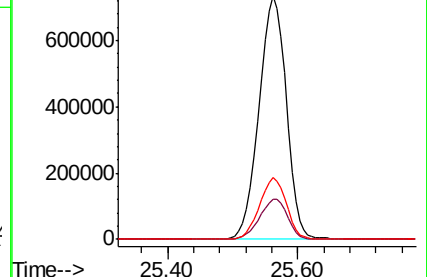
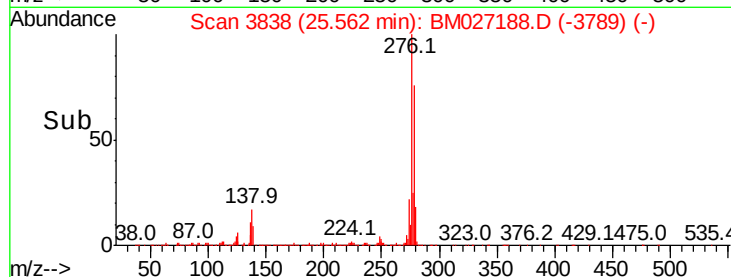
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 38.851 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

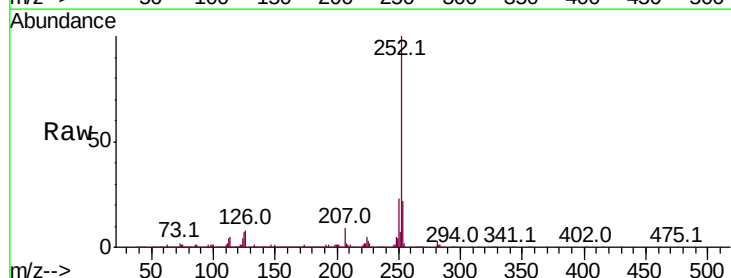
Tgt Ion:252 Resp: 1780754

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	6.8	5.4	8.0

252 100

253 21.9 17.7 26.5

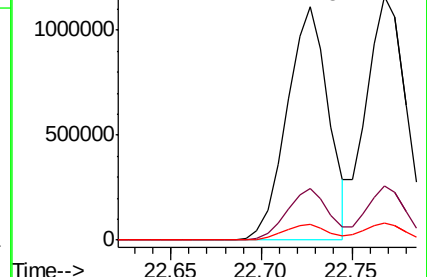
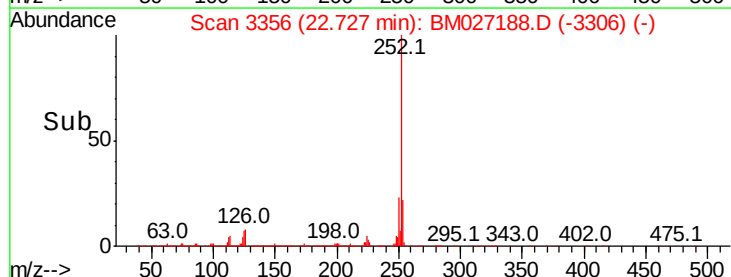
125 6.8 5.4 8.0

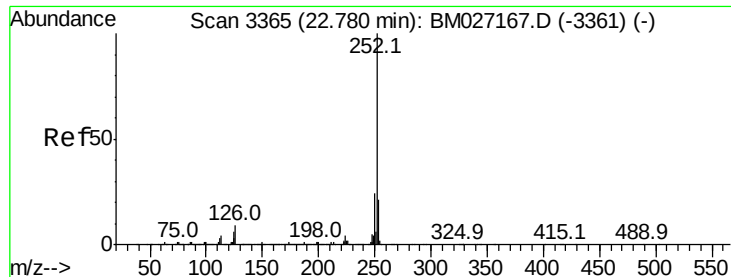


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.577 ng

RT: 22.77 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

Instrument :

BNA_M

ClientSampleId :

359MSD

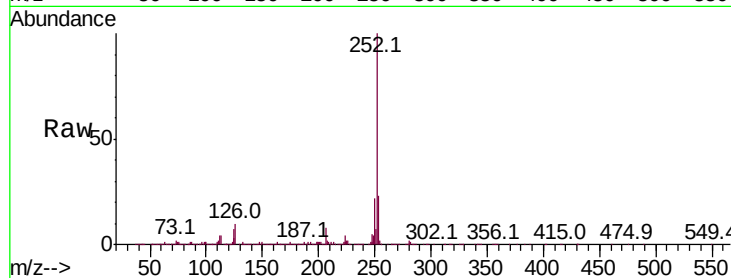
Tot Ion:252 Resp: 1776075

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

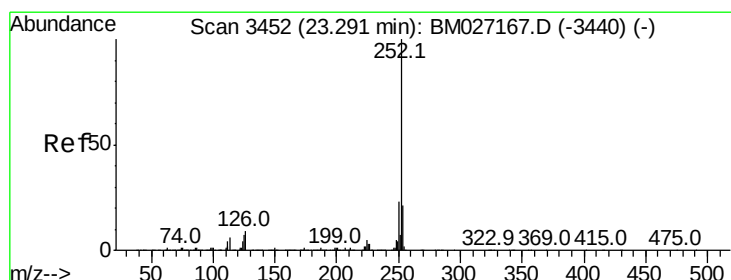
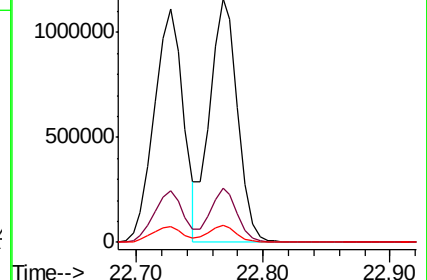
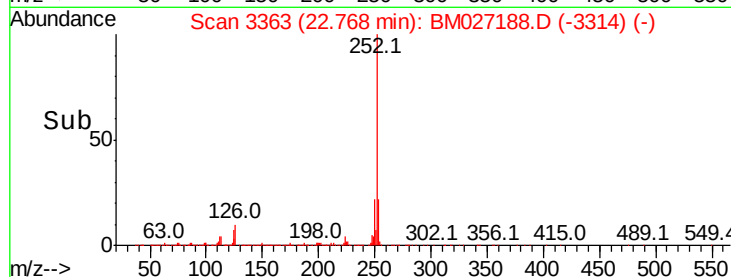
125 6.8 5.3 7.9



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: 39.393 ng

RT: 23.28 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM027188.D

Acq: 22 Aug 2020 02:19

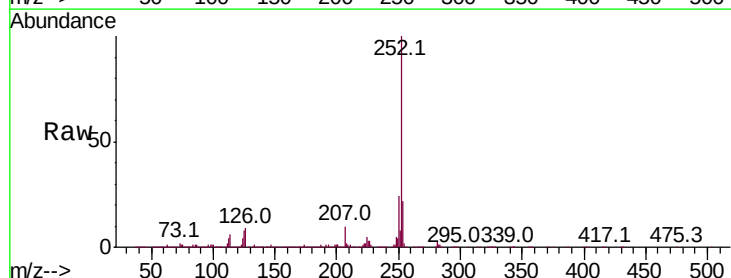
Tgt Ion:252 Resp: 1648351

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

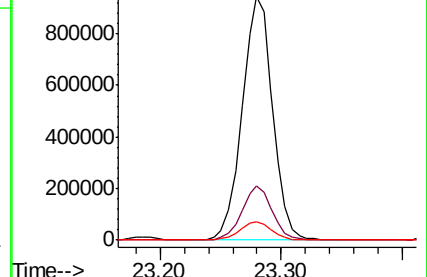
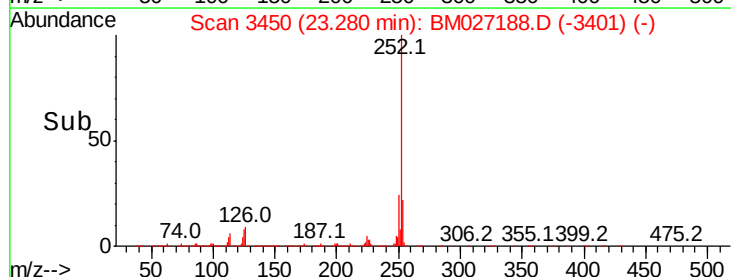
125 7.6 5.8 8.6

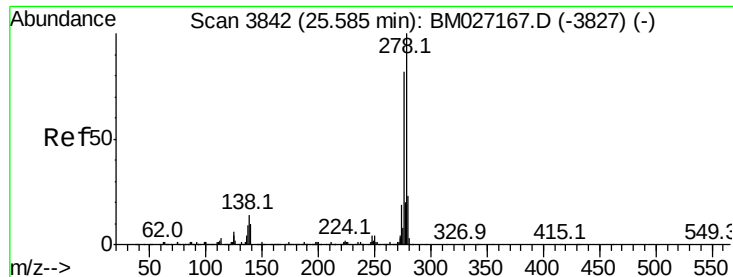


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

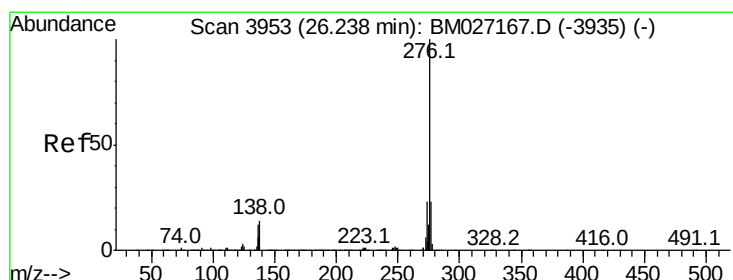
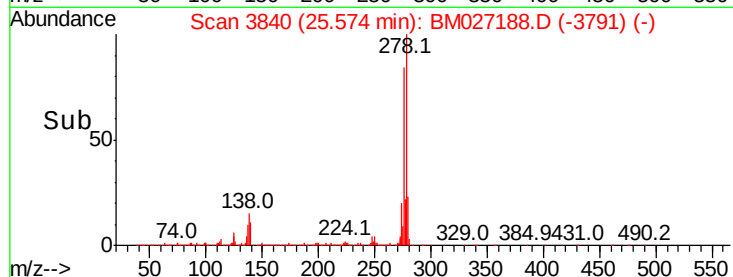
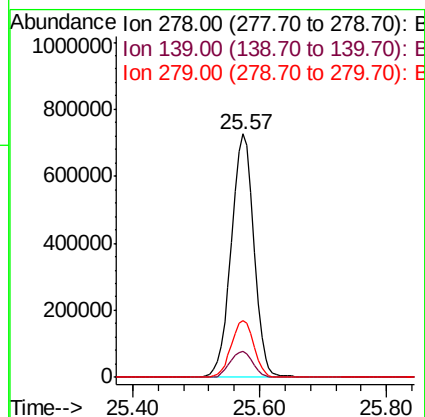
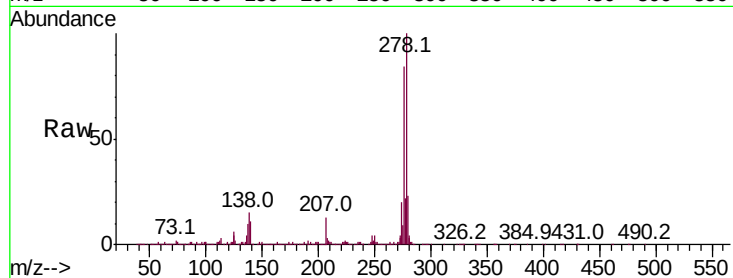




#91
Dibenzo(a,h)anthracene
Concen: 39.821 ng
RT: 25.57 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Instrument :
BNA_M
ClientSampleId :
359MSD

Tot Ion:278 Resp: 1782989
Ion Ratio Lower Upper
278 100
139 10.8 8.2 12.2
279 23.4 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 41.035 ng
RT: 26.23 min Scan# 3951
Delta R.T. -0.01 min
Lab File: BM027188.D
Acq: 22 Aug 2020 02:19

Tgt Ion:276 Resp: 1770140
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 14.4 11.4 17.0

