

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020216.D
 Acq On : 09 May 2019 14:27
 Operator : JU/SJ
 Sample : K2555-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 04:41:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	138784	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	489580	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	295329	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	712240	20.00	ng	0.00
76) Chrysene-d12	21.36	240	728025	20.00	ng	-0.01
87) Perylene-d12	23.64	264	826203	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	488277	57.51	ng	0.00
7) Phenol-d6	6.95	99	403774	34.81	ng	0.00
23) Nitrobenzene-d5	8.95	82	1133325	91.39	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	650168	141.83	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	2225093	92.70	ng	-0.02
79) Terphenyl-d14	19.80	244	3972206	95.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	71200	17.098	ng	94
3) Pyridine	3.70	79	165396	15.530	ng	97
4) n-Nitrosodimethylamine	3.62	42	56547	16.558	ng	# 70
6) Aniline	7.11	93	297297	20.361	ng	99
8) 2-Chlorophenol	7.34	128	285229	30.853	ng	97
9) Benzaldehyde	6.93	77	123552	14.074	ng	97
10) Phenol	6.97	94	142123	11.382	ng	95
11) bis(2-Chloroethyl)ether	7.21	93	393754	43.386	ng	96
12) 1,3-Dichlorobenzene	7.66	146	395702	36.788	ng	97
13) 1,4-Dichlorobenzene	7.81	146	401697	36.969	ng	96
14) 1,2-Dichlorobenzene	8.13	146	384350	37.127	ng	97
15) Benzyl Alcohol	8.02	79	271546	24.278	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	292823	38.911	ng	96
17) 2-Methylphenol	8.22	107	204655	25.460	ng	95
18) Hexachloroethane	8.85	117	156925	34.636	ng	97
19) n-Nitroso-di-n-propylamine	8.58	70	387528	39.051	ng	94
20) 3+4-Methylphenols	8.55	107	244978	22.931	ng	94
22) Acetophenone	8.60	105	611983	45.738	ng	# 96
24) Nitrobenzene	8.99	77	544039	42.313	ng	95
25) Isophorone	9.50	82	964679	45.111	ng	98
26) 2-Nitrophenol	9.69	139	186000	47.918	ng	95
27) 2,4-Dimethylphenol	9.75	122	260287	40.277	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	531801	45.660	ng	100
29) 2,4-Dichlorophenol	10.22	162	326326	40.046	ng	93
30) 1,2,4-Trichlorobenzene	10.43	180	423290	42.216	ng	96
31) Naphthalene	10.62	128	1087170	42.792	ng	99
32) Benzoic acid	9.84	122	49350	15.865	ng	94
33) 4-Chloroaniline	10.74	127	264391	25.284	ng	97
34) Hexachlorobutadiene	10.89	225	261549	36.874	ng	100
35) Caprolactam	11.58	113	12374	5.078	ng	97
36) 4-Chloro-3-methylphenol	11.86	107	329429	34.401	ng	97
37) 2-Methylnaphthalene	12.23	142	825436	44.565	ng	97
38) 1-Methylnaphthalene	12.46	142	794493	43.866	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	522030	45.180	ng	99

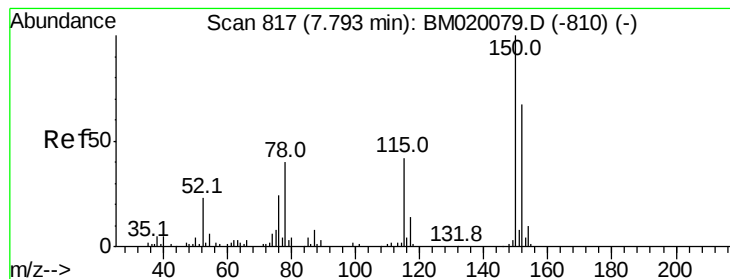
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020216.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	643745	94.623	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	304291	46.339	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	315570	43.017	ng	97
46) 1,1'-Biphenyl	13.25	154	1115528	45.891	ng	98
47) 2-Chloronaphthalene	13.30	162	880602	45.372	ng	99
48) 2-Nitroaniline	13.52	65	314951	45.581	ng	91
49) Acenaphthylene	14.14	152	1368846	44.070	ng	99
50) Dimethylphthalate	13.89	163	1171701	46.680	ng	98
51) 2,6-Dinitrotoluene	14.01	165	253204	47.894	ng	88
52) Acenaphthene	14.49	154	813198	45.654	ng	99
53) 3-Nitroaniline	14.34	138	141369	28.811	ng	97
54) 2,4-Dinitrophenol	14.55	184	262383	97.062	ng	91
55) Dibenzofuran	14.83	168	1362564	45.351	ng	96
56) 4-Nitrophenol	14.65	139	119512	28.547	ng	84
57) 2,4-Dinitrotoluene	14.80	165	352079	49.011	ng	93
58) Fluorene	15.47	166	1110477	45.004	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	307884	44.164	ng	95
60) Diethylphthalate	15.24	149	1149983	45.474	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	639248	45.723	ng	94
62) 4-Nitroaniline	15.51	138	218910	40.427	ng	93
63) Azobenzene	15.76	77	1245014	41.732	ng	96
65) 4,6-Dinitro-2-methylphenol	15.56	198	175174	48.634	ng	94
66) n-Nitrosodiphenylamine	15.69	169	993872	47.422	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	399405	45.730	ng	96
68) Hexachlorobenzene	16.47	284	452624	45.035	ng	96
69) Atrazine	16.64	200	373567	45.611	ng	97
70) Pentachlorophenol	16.82	266	499319	86.831	ng	99
71) Phenanthrene	17.22	178	1775683	45.164	ng	100
72) Anthracene	17.30	178	1817484	46.236	ng	100
73) Carbazole	17.58	167	1604370	45.233	ng	99
74) Di-n-butylphthalate	18.13	149	1951219	45.712	ng	97
75) Fluoranthene	19.23	202	2229628	44.821	ng	99
77) Benzidine	19.43	184	843760	36.251	ng	98
78) Pyrene	19.60	202	2260836	46.254	ng	100
80) Butylbenzylphthalate	20.49	149	911573	51.284	ng	99
81) Benzo(a)anthracene	21.34	228	2228146	43.641	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	622001	31.920	ng	100
83) Chrysene	21.40	228	2235893	45.155	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1323169	47.972	ng	99
85) Di-n-octyl phthalate	22.15	149	2285139	49.847	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2929408	49.737	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2500627	45.834	ng	100
89) Benzo(k)fluoranthene	23.00	252	2311325	46.443	ng	99
90) Benzo(a)pyrene	23.55	252	2337227	47.163	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	2508689	48.678	ng	99
92) Benzo(g,h,i)perylene	26.70	276	2427518	49.613	ng	99

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

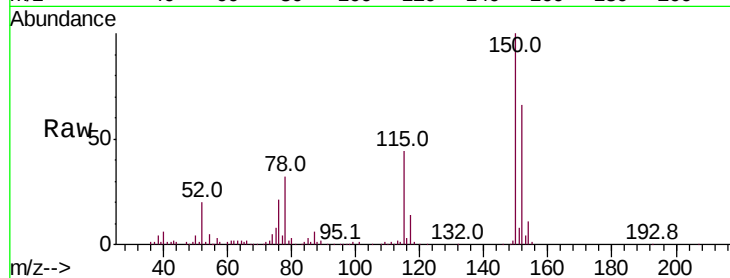


#1

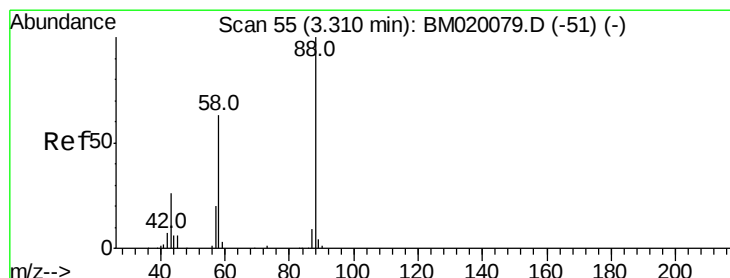
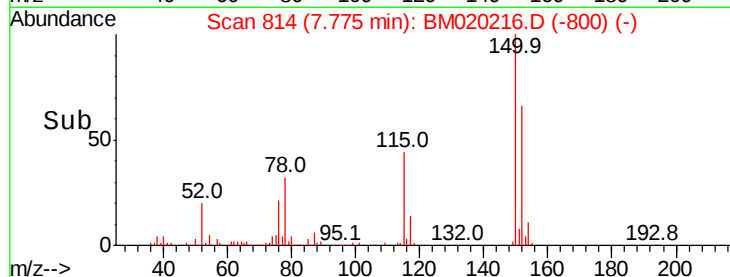
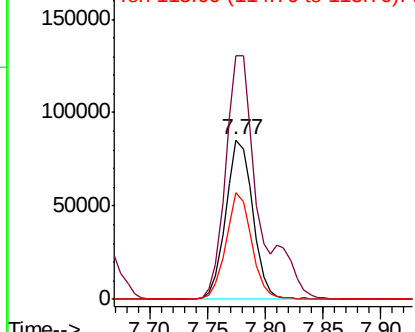
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 138784
Ion Ratio Lower Upper
152 100
150 152.6 119.8 179.8
115 66.9 50.8 76.2



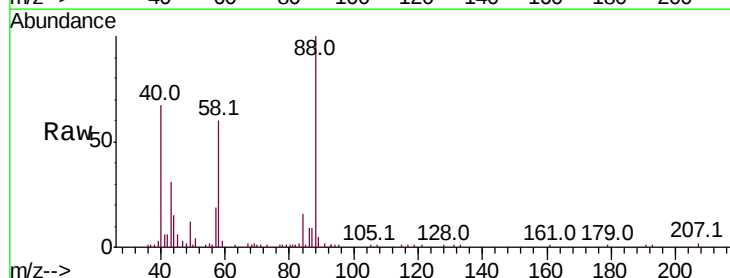
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



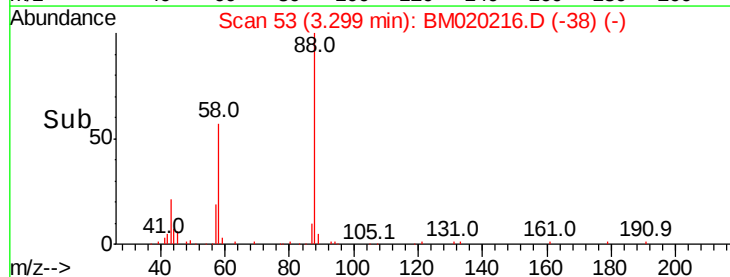
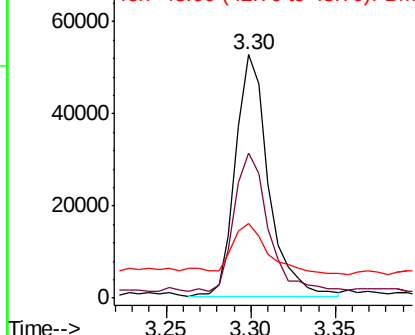
#2

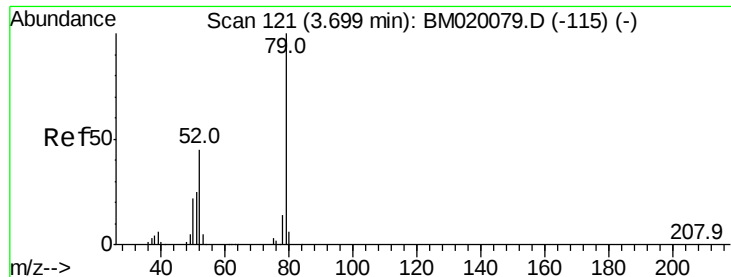
1,4-Dioxane
Concen: 17.098 ng
RT: 3.30 min Scan# 53
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion: 88 Resp: 71200
Ion Ratio Lower Upper
88 100
58 59.1 51.8 77.6
43 23.3 20.3 30.5



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: 15.530 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

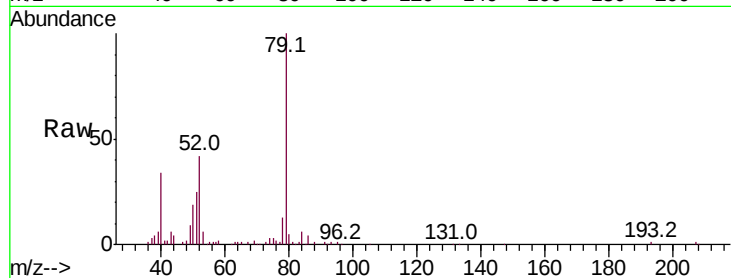
Tot Ion: 79 Resp: 165396

Ion Ratio Lower Upper

79 100

52 41.9 35.7 53.5

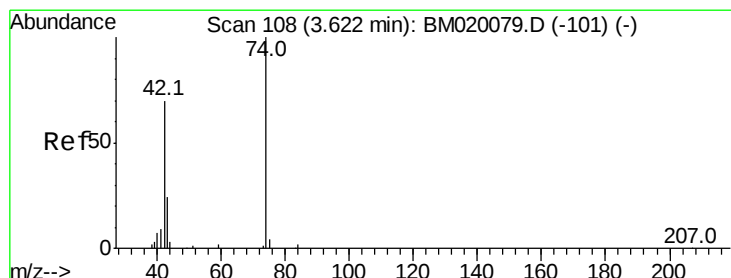
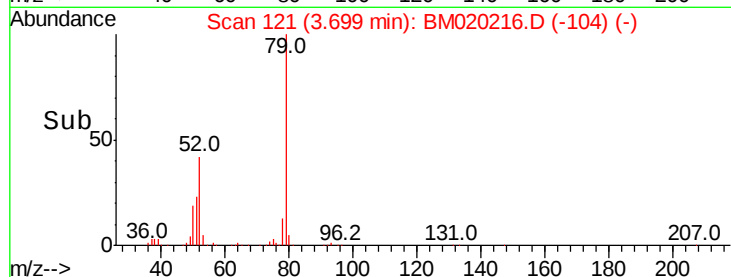
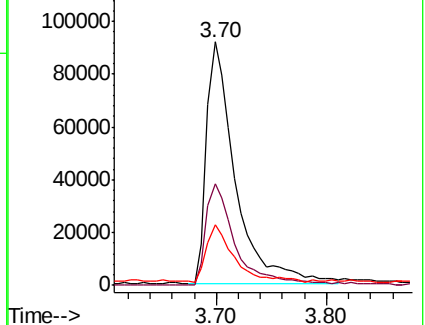
51 24.8 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020216.D (-104) (-)

Ion 52.00 (51.70 to 52.70): BM020216.D (-104) (-)

Ion 51.00 (50.70 to 51.70): BM020216.D (-104) (-)



#4

n-Nitrosodimethylamine

Concen: 16.558 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

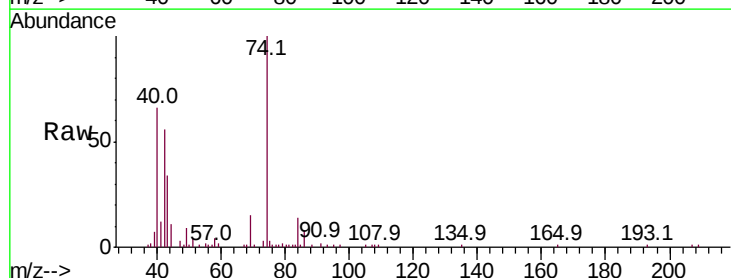
Tgt Ion: 42 Resp: 56547

Ion Ratio Lower Upper

42 100

74 178.0 113.7 170.5#

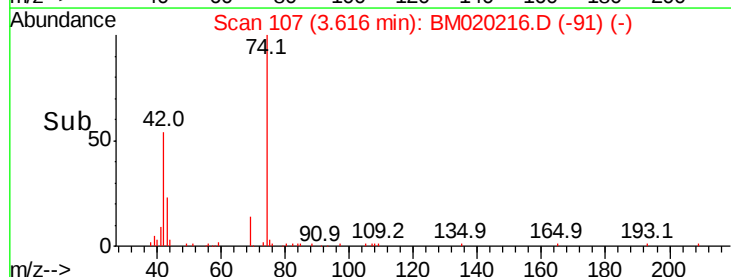
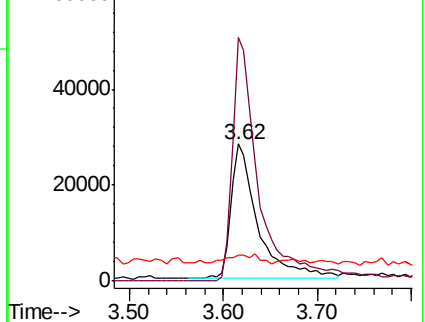
44 18.8 3.9 5.9#

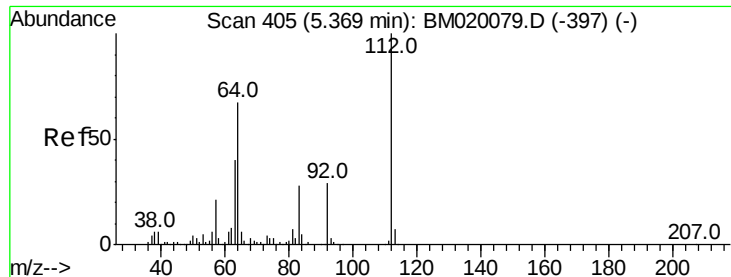


Abundance Ion 42.00 (41.70 to 42.70): BM020216.D (-91) (-)

Ion 74.00 (73.70 to 74.70): BM020216.D (-91) (-)

Ion 44.00 (43.70 to 44.70): BM020216.D (-91) (-)





#5

2-Fluorophenol

Concen: 57.509 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

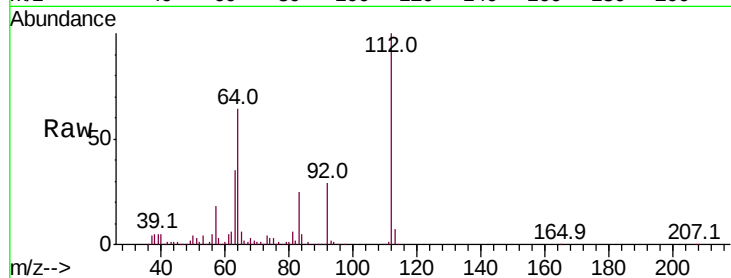
Tot Ion:112 Resp: 488277

Ion Ratio Lower Upper

112 100

64 63.6 53.8 80.6

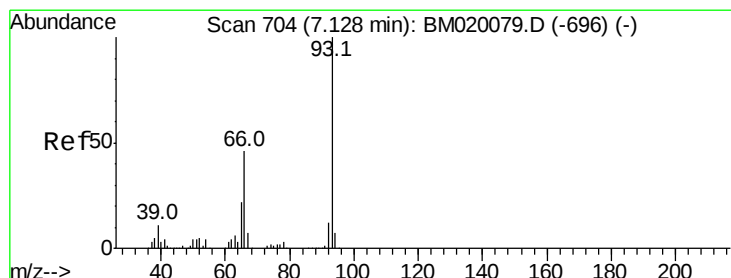
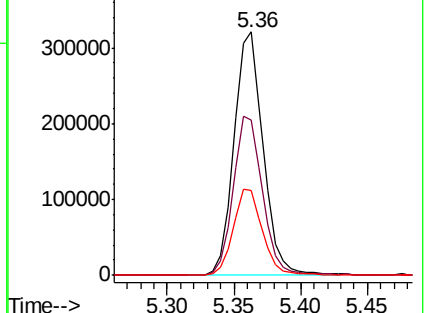
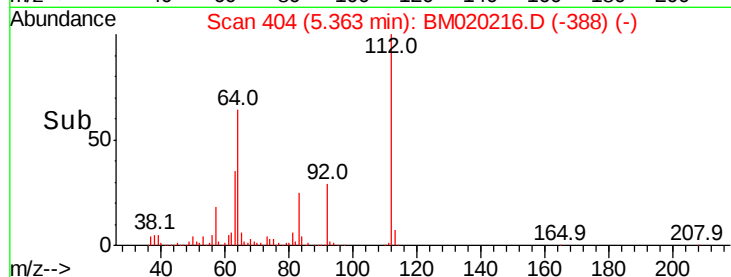
63 34.7 32.3 48.5



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: 20.361 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

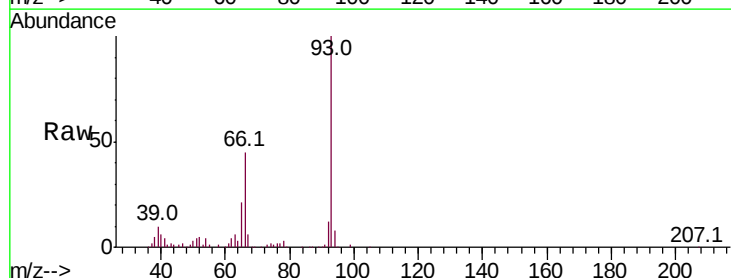
Tgt Ion: 93 Resp: 297297

Ion Ratio Lower Upper

93 100

66 45.3 36.6 54.8

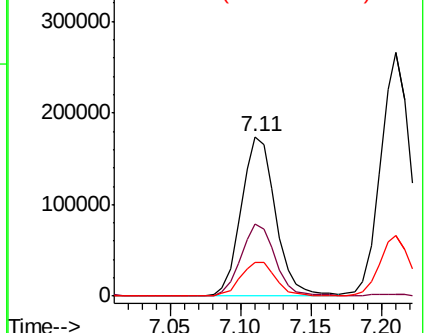
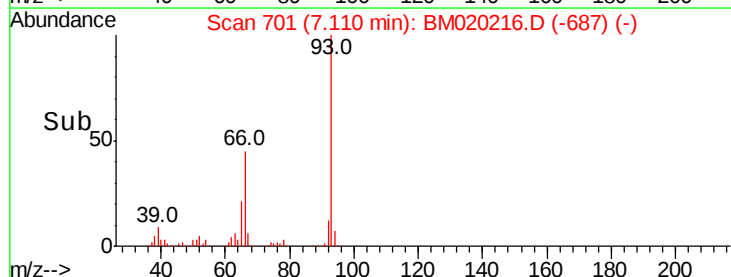
65 20.9 17.8 26.6

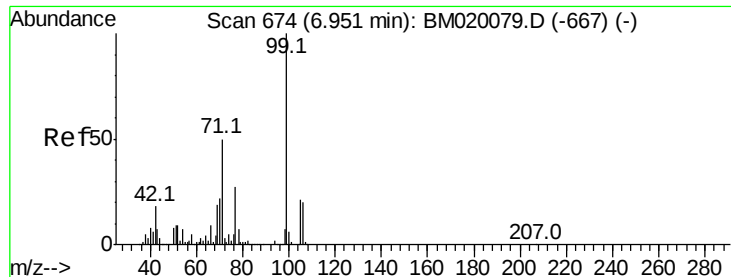


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 34.811 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

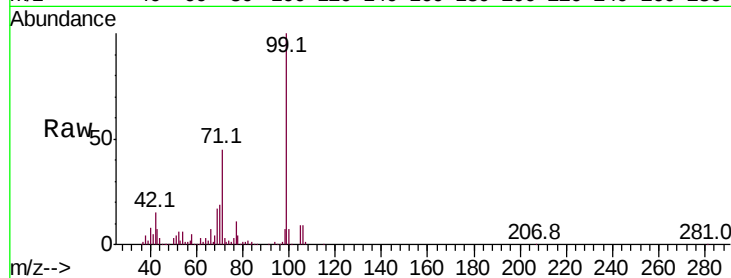
Tot Ion: 99 Resp: 403774

Ion Ratio Lower Upper

99 100

42 14.8 14.2 21.2

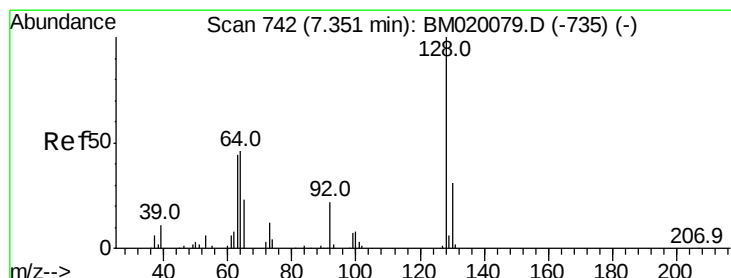
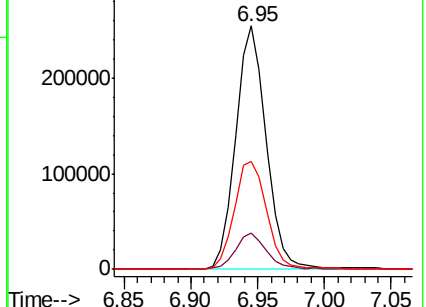
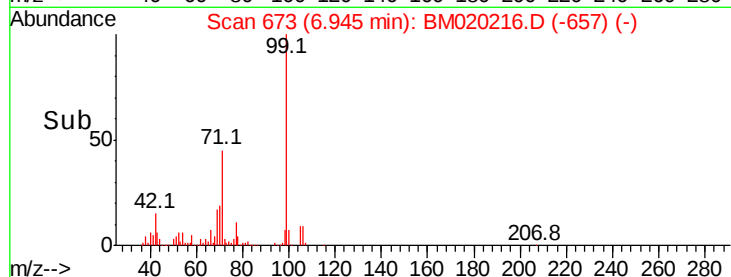
71 44.5 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020216.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020216.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020216.D (-657) (-)



#8

2-Chlorophenol

Concen: 30.853 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

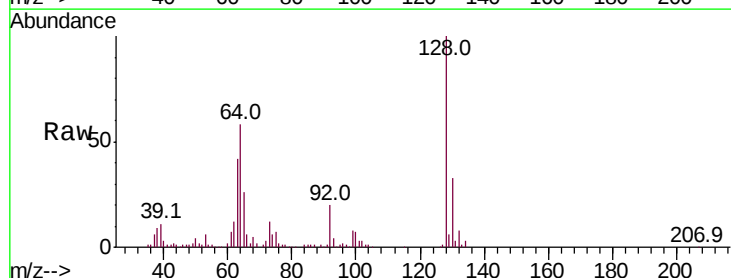
Tgt Ion: 128 Resp: 285229

Ion Ratio Lower Upper

128 100

130 33.1 10.8 50.8

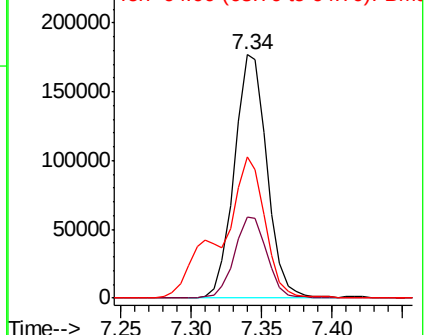
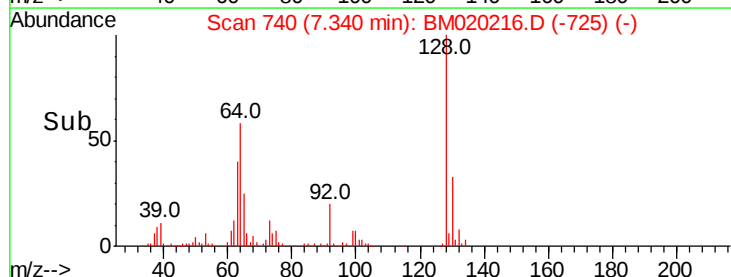
64 57.9 36.5 76.5

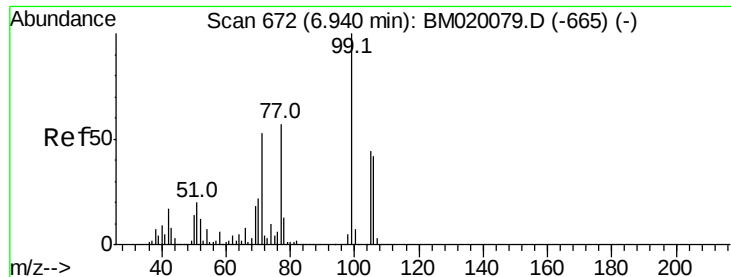


Abundance Ion 128.00 (127.70 to 128.70): BM020216.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM020216.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM020216.D (-725) (-)





#9

Benzaldehyde

Concen: 14.074 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampled :

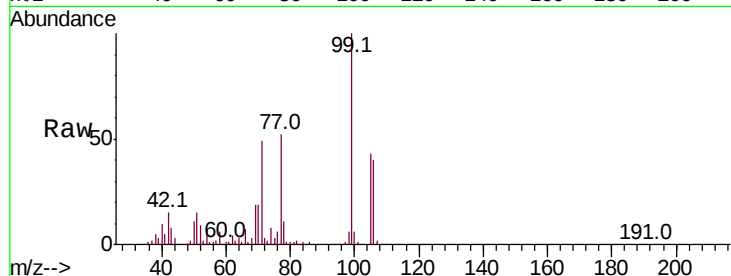
Tot Ion: 77 Resp: 123552

Ion Ratio Lower Upper

77 100

105 81.5 57.8 97.8

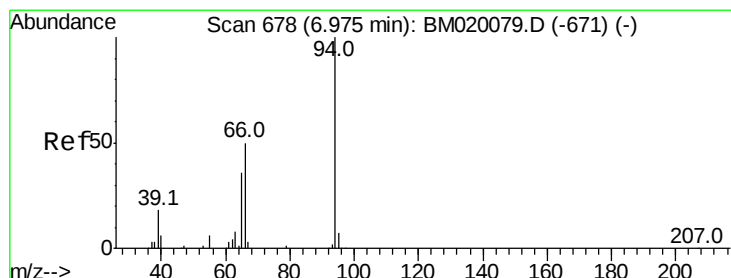
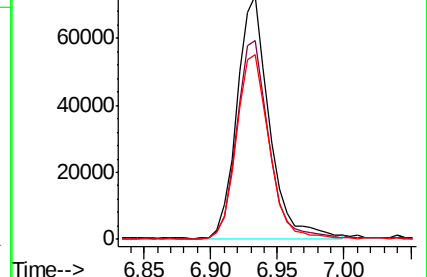
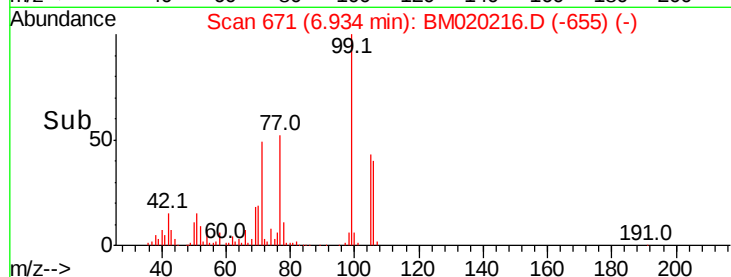
106 75.8 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020216.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020216.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020216.D (-655) (-)



#10

Phenol

Concen: 11.382 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

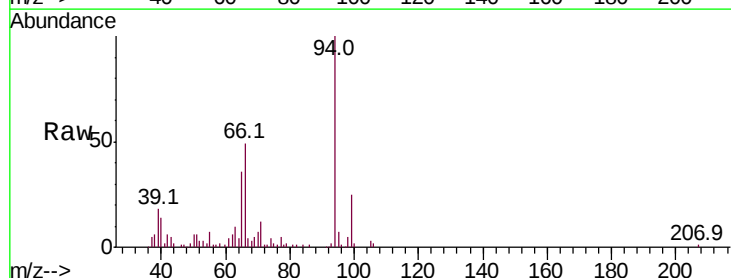
Tgt Ion: 94 Resp: 142123

Ion Ratio Lower Upper

94 100

65 36.0 17.0 57.0

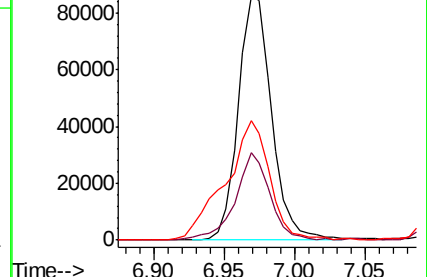
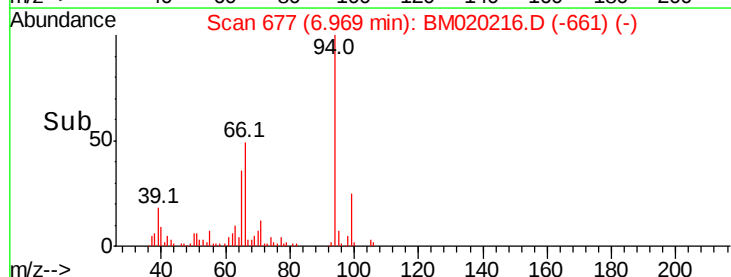
66 49.3 34.5 74.5

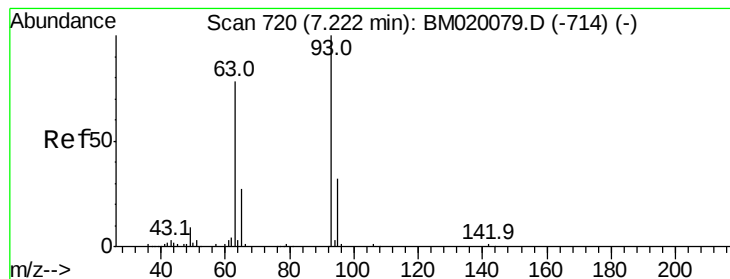


Abundance Ion 94.00 (93.70 to 94.70): BM020216.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020216.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020216.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 43.386 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

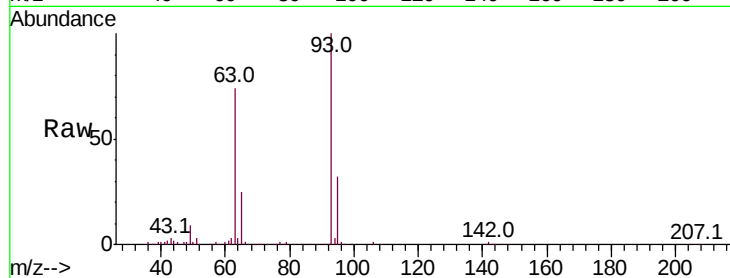
Tot Ion: 93 Resp: 393754

Ion Ratio Lower Upper

93 100

63 73.7 57.9 97.9

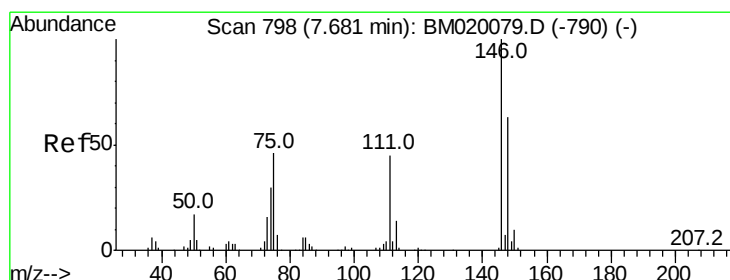
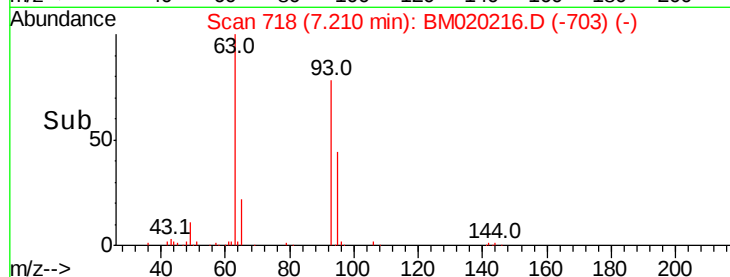
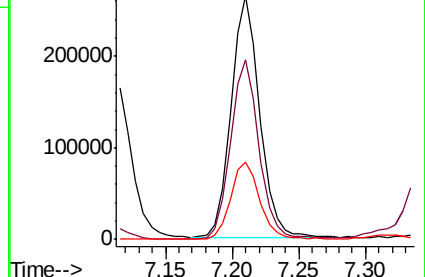
95 31.8 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BM020079.D (-714) (-)

Ion 63.00 (62.70 to 63.70): BM020079.D (-714) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-714) (-)



#12

1,3-Dichlorobenzene

Concen: 36.788 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

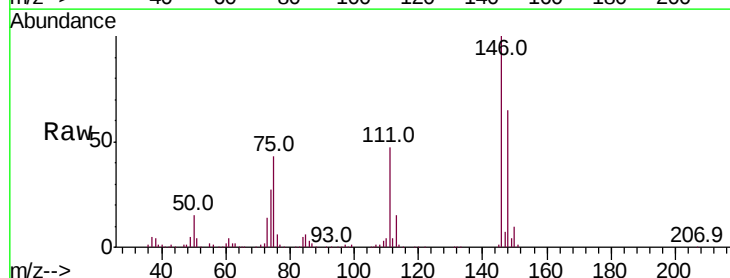
Tgt Ion: 146 Resp: 395702

Ion Ratio Lower Upper

146 100

148 64.6 50.1 75.1

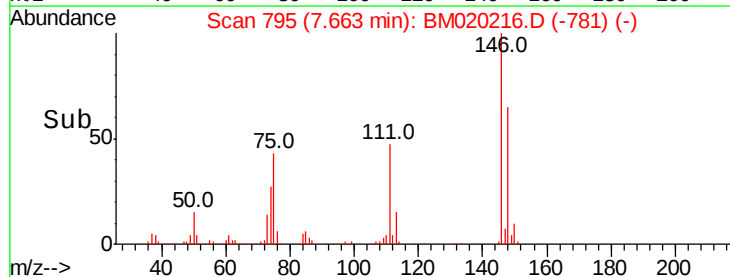
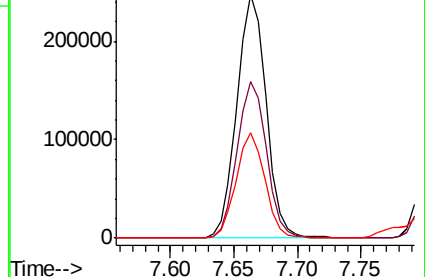
75 43.4 37.2 55.8

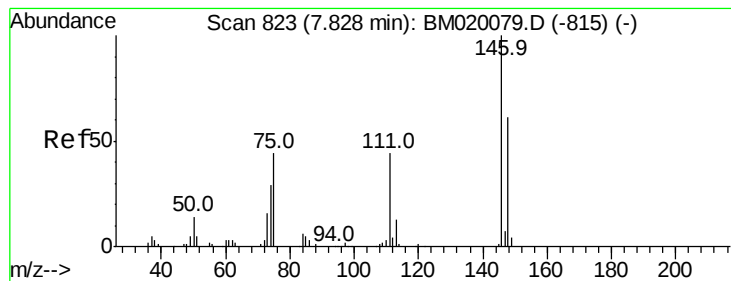


Abundance Ion 146.00 (145.70 to 146.70): BM020079.D (-790) (-)

Ion 148.00 (147.70 to 148.70): BM020079.D (-790) (-)

Ion 75.00 (74.70 to 75.70): BM020079.D (-790) (-)





#13

1,4-Dichlorobenzene

Concen: 36.969 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

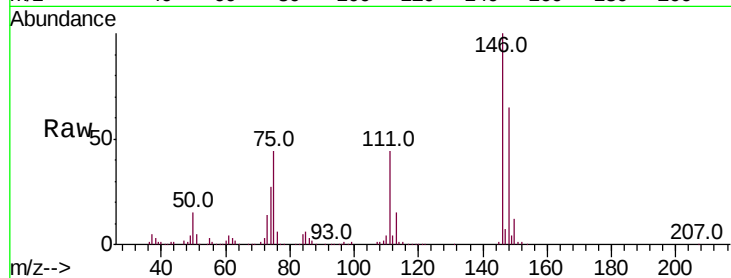
Tot Ion:146 Resp: 401697

Ion Ratio Lower Upper

146 100

148 64.9 48.5 72.7

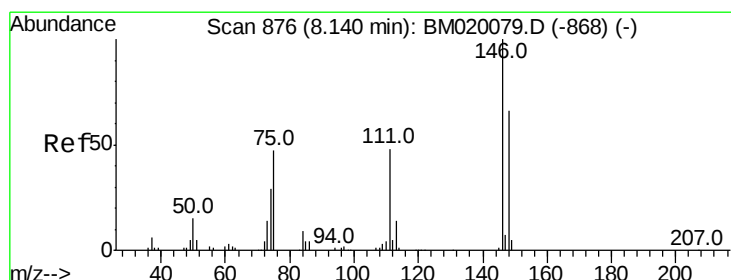
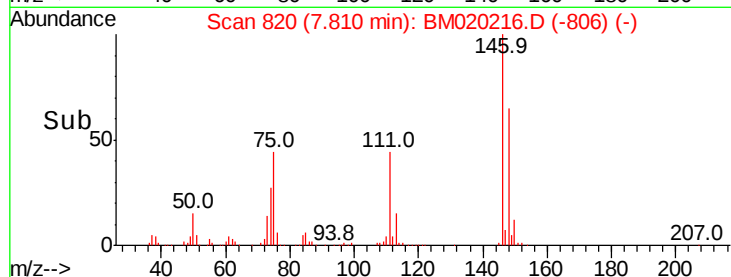
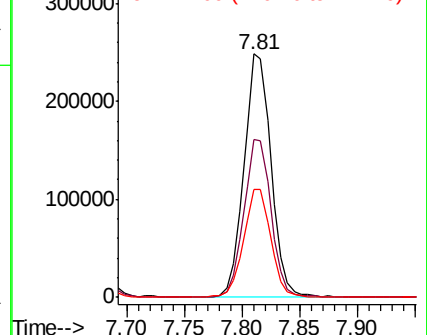
111 44.2 35.7 53.5



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: 37.127 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

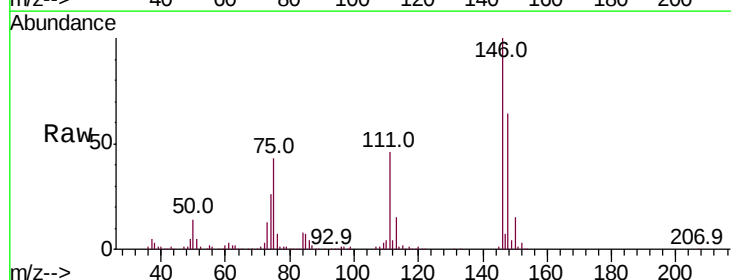
Tgt Ion:146 Resp: 384350

Ion Ratio Lower Upper

146 100

148 64.2 52.6 79.0

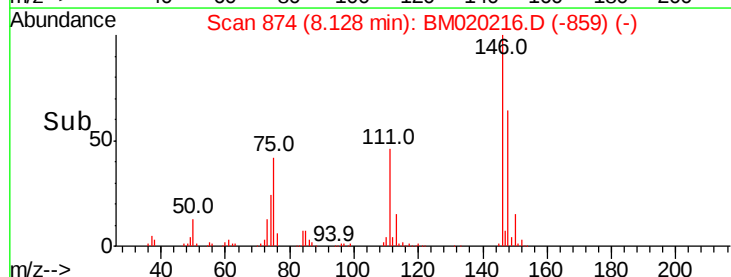
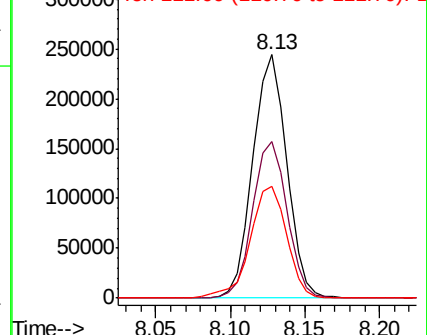
111 45.7 39.0 58.4

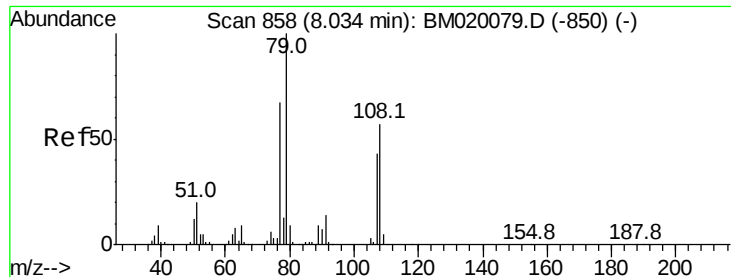


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.278 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

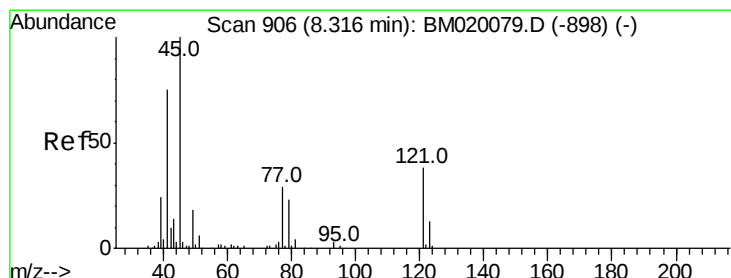
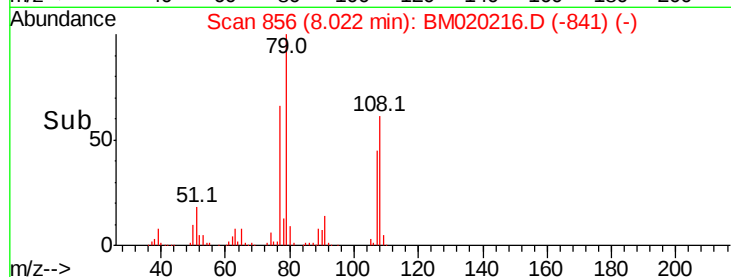
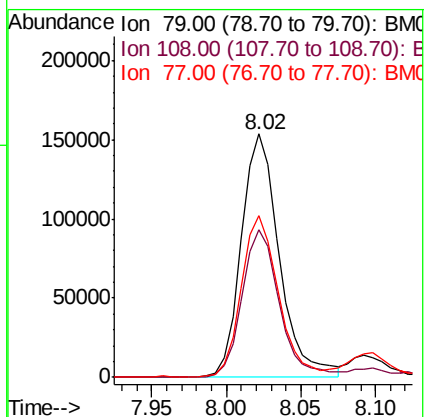
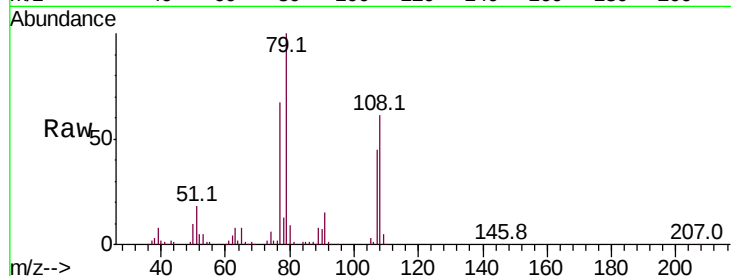
Tot Ion: 79 Resp: 271546

Ion Ratio Lower Upper

79 100

108 60.6 46.0 69.0

77 66.5 53.8 80.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.911 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

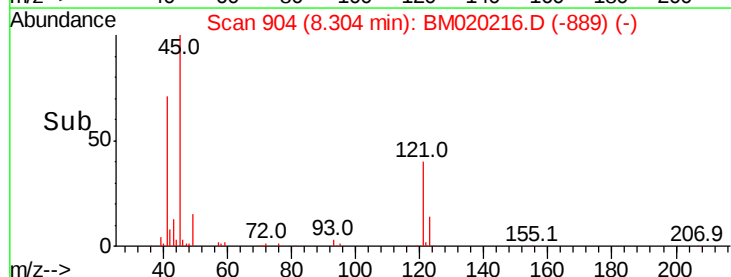
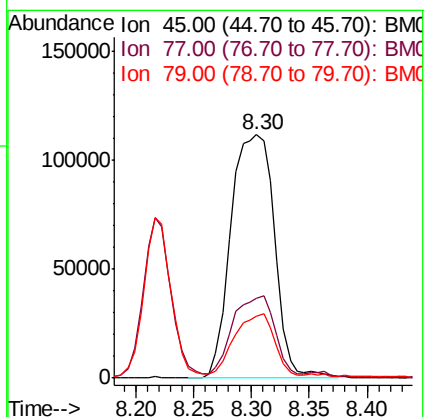
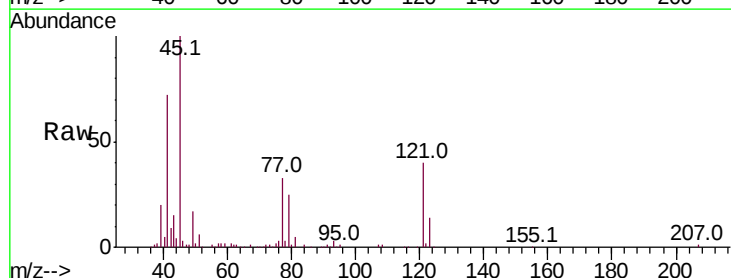
Tgt Ion: 45 Resp: 292823

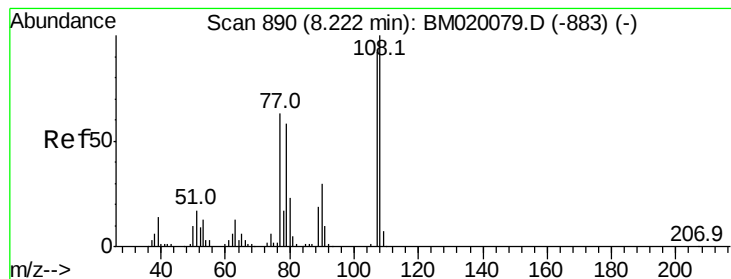
Ion Ratio Lower Upper

45 100

77 33.0 10.5 50.5

79 25.4 3.3 43.3





#17

2-Methylphenol

Concen: 25.460 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 204655

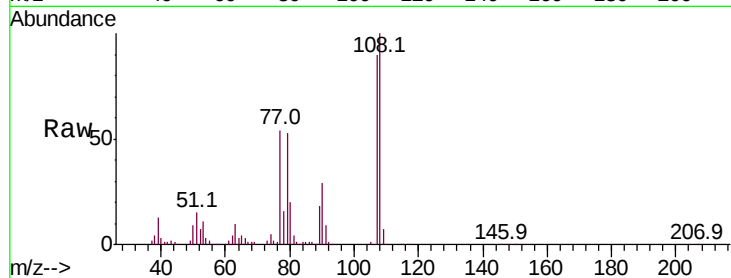
Ion Ratio Lower Upper

107 100

108 111.5 87.0 130.4

77 59.7 54.7 82.1

79 59.6 50.1 75.1

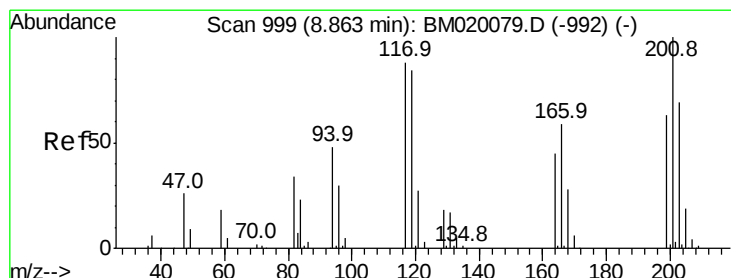
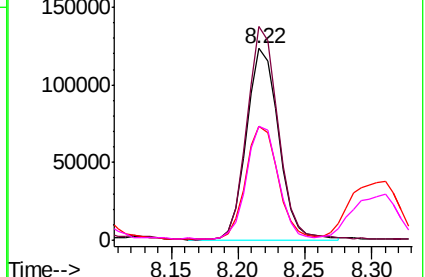
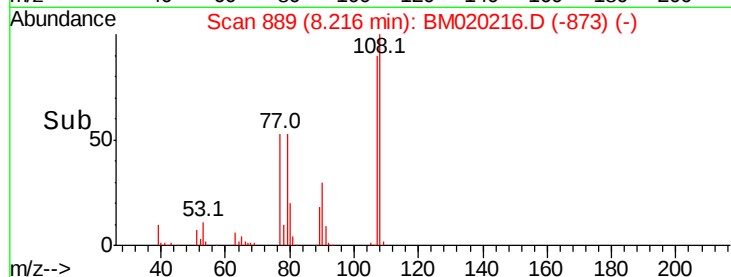


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 34.636 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

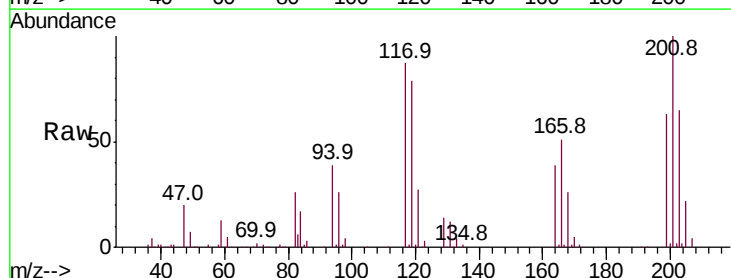
Tgt Ion:117 Resp: 156925

Ion Ratio Lower Upper

117 100

119 91.6 76.6 114.8

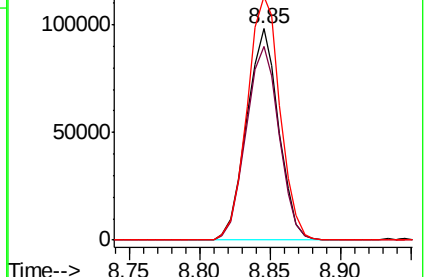
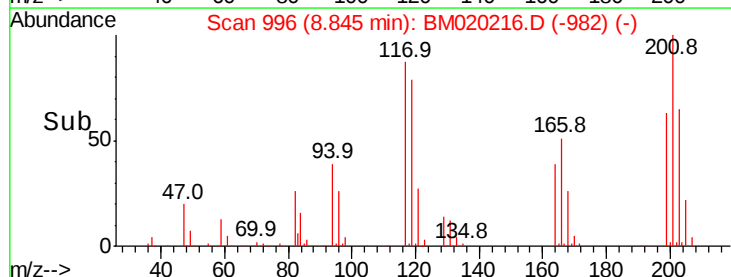
201 115.3 90.7 136.1

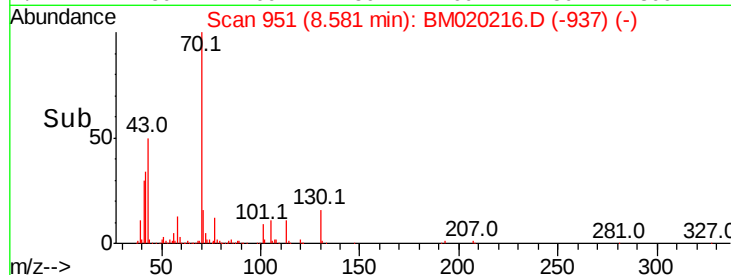
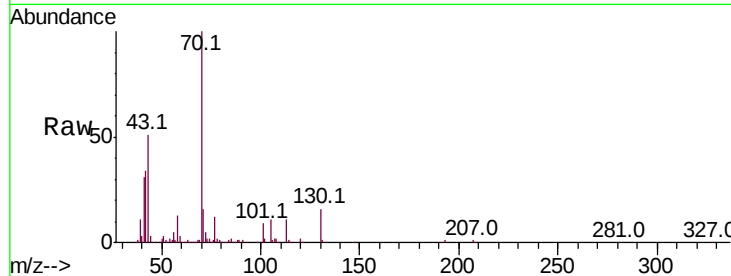
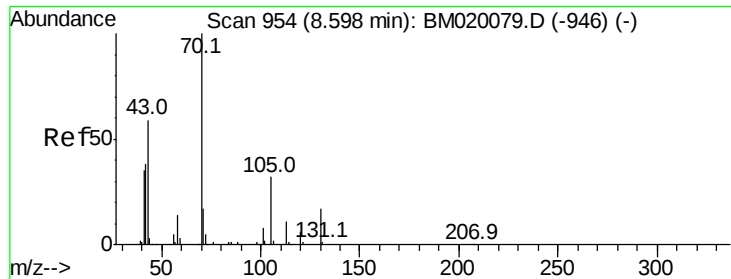


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

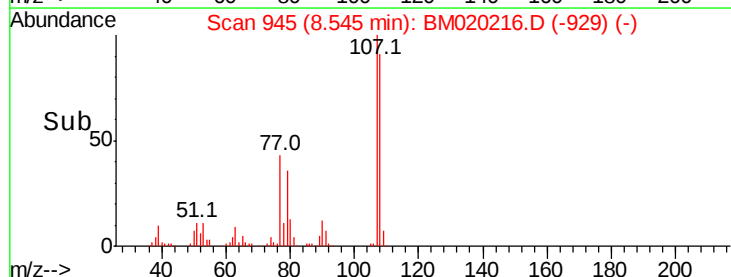
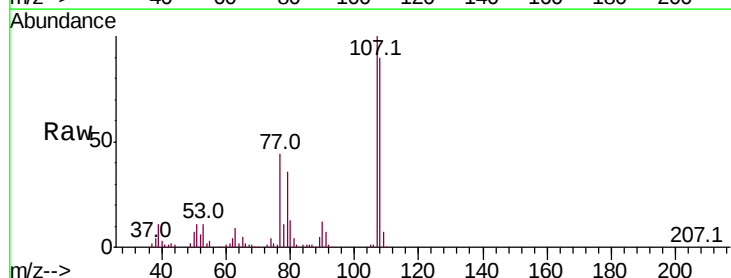
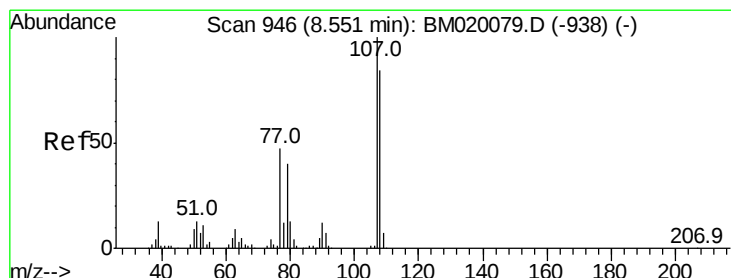
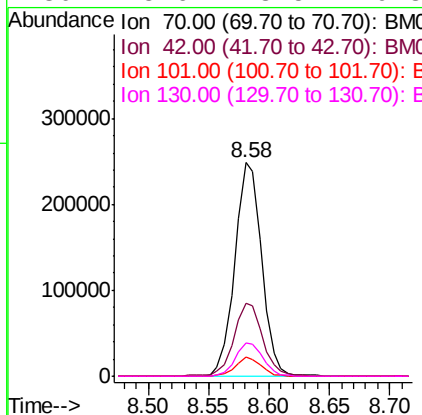




#19
n-Nitroso-di-n-propylamine
Concen: 39.051 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

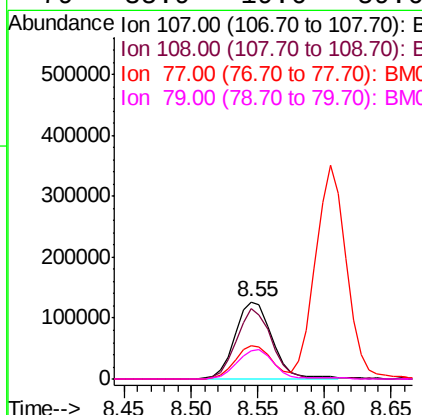
Instrument :
BNA_M
ClientSampleId :

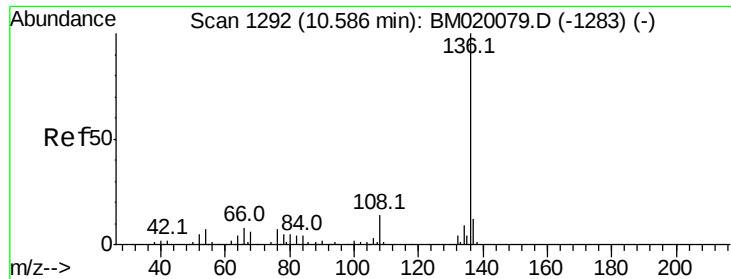
Tot Ion:	70	Resp:	387528
Ion	Ratio	Lower	Upper
70	100		
42	33.9	31.0	46.4
101	8.8	6.2	9.2
130	15.6	13.5	20.3



#20
3+4-Methylphenols
Concen: 22.931 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:	107	Resp:	244978
Ion	Ratio	Lower	Upper
107	100		
108	90.5	64.4	104.4
77	43.7	27.2	67.2
79	35.9	19.6	59.6

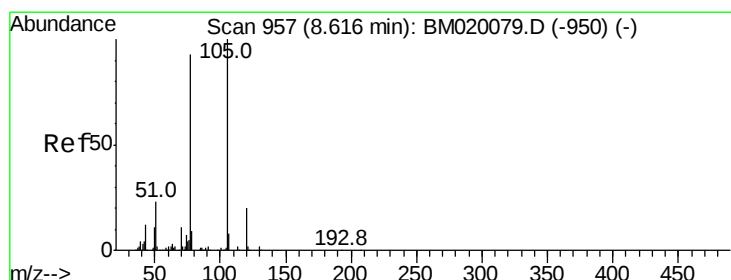
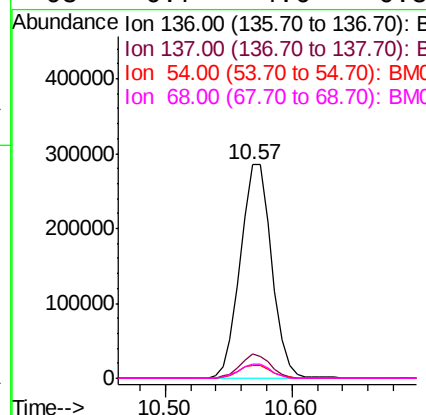
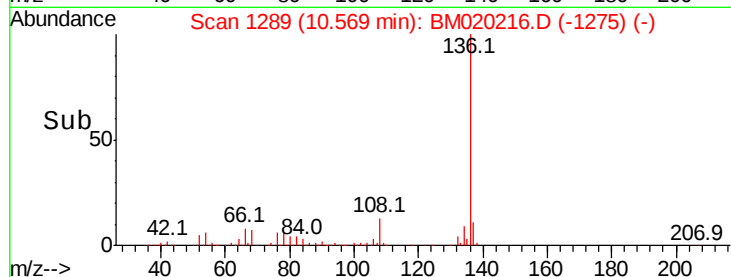
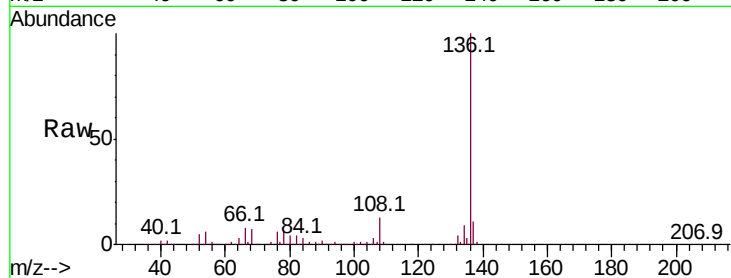




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

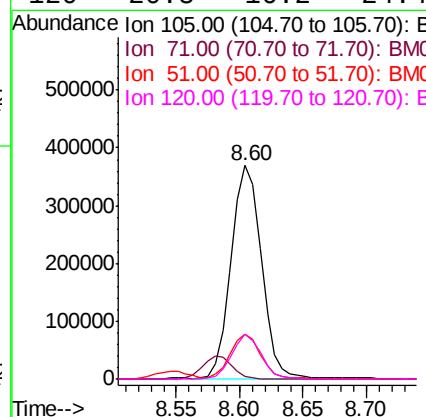
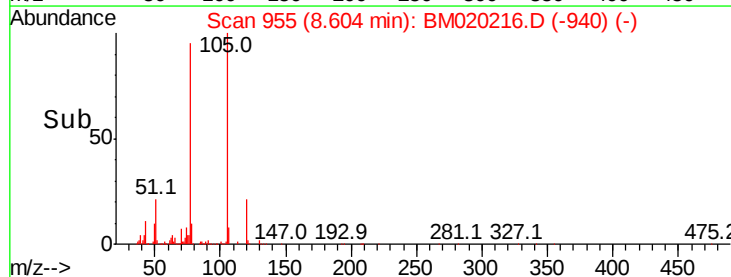
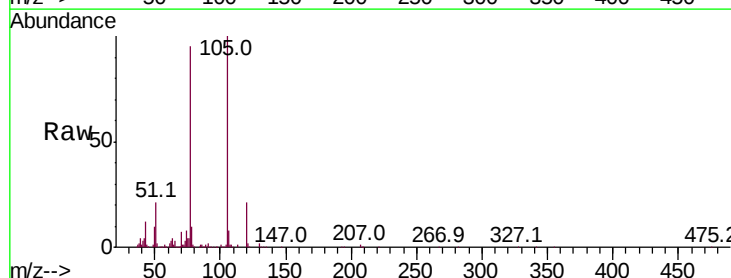
Instrument :
BNA_M
ClientSampleId :

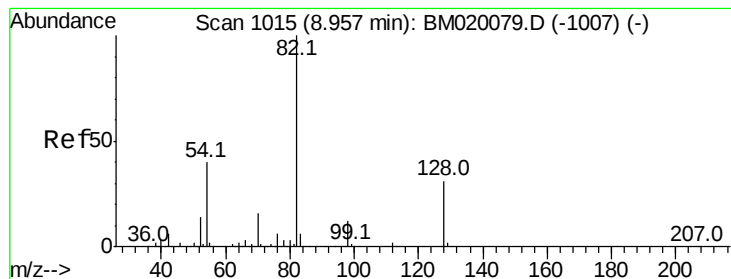
Tot Ion:	136	Resp:	489580
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	5.9	5.5	8.3
68	6.7	4.6	6.8



#22
Acetophenone
Concen: 45.738 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:	105	Resp:	611983
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.2	3.2#
51	21.0	19.3	28.9
120	20.8	16.2	24.4





#23

Nitrobenzene-d5

Concen: 91.392 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

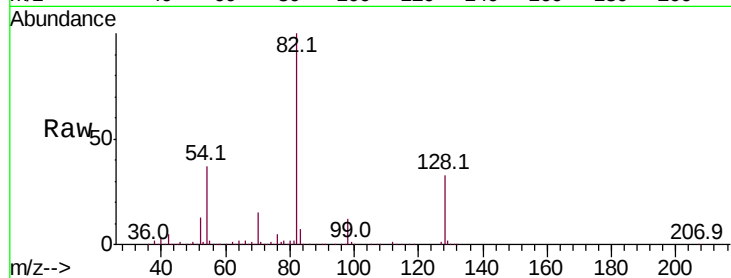
Tot Ion: 82 Resp: 1133325

Ion Ratio Lower Upper

82 100

128 33.0 25.2 37.8

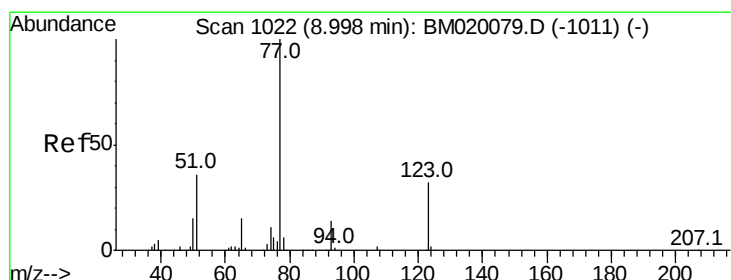
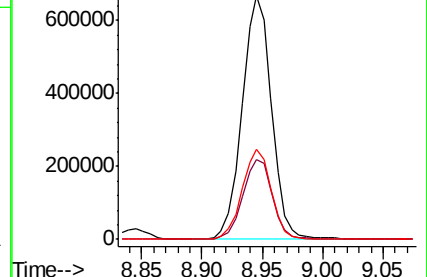
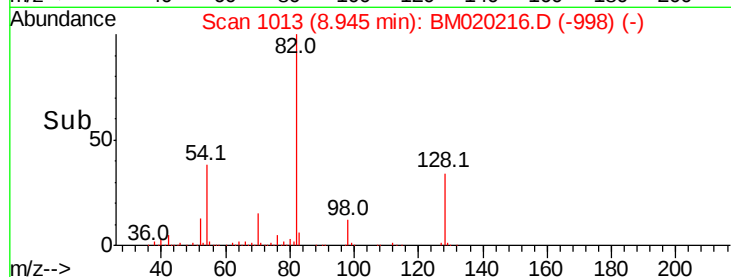
54 36.9 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#24

Nitrobenzene

Concen: 42.313 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

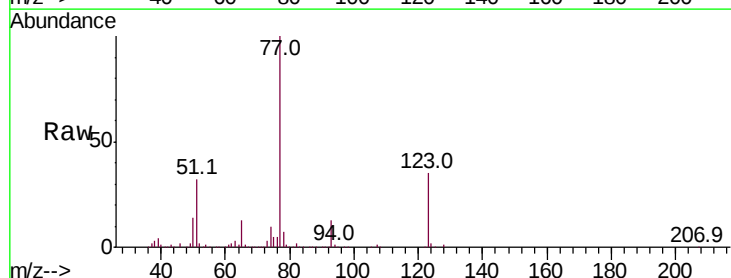
Tgt Ion: 77 Resp: 544039

Ion Ratio Lower Upper

77 100

123 35.2 25.5 38.3

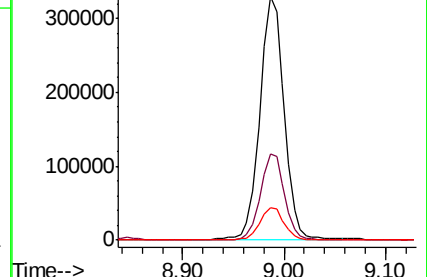
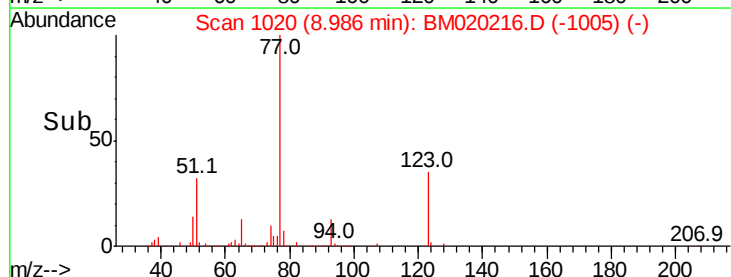
65 13.3 11.8 17.6

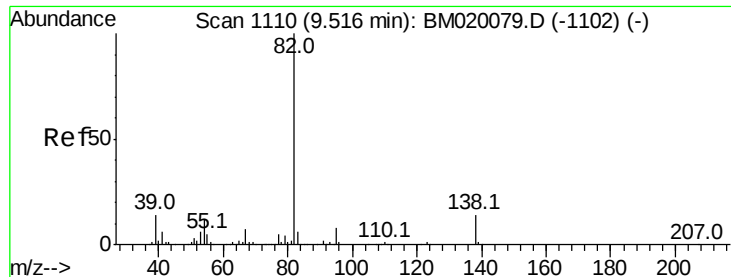


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-1011) (-)

Ion 123.00 (122.70 to 123.70): BM020079.D (-1011) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1011) (-)

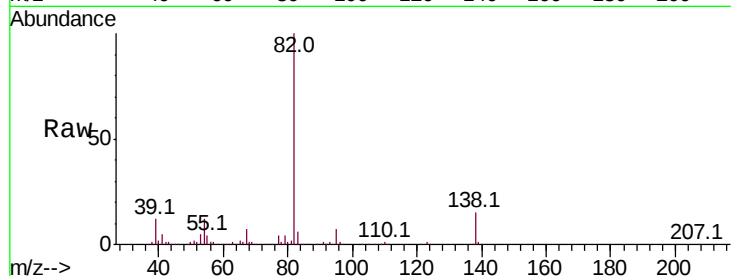




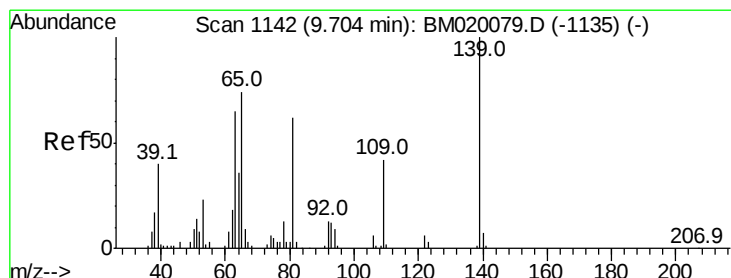
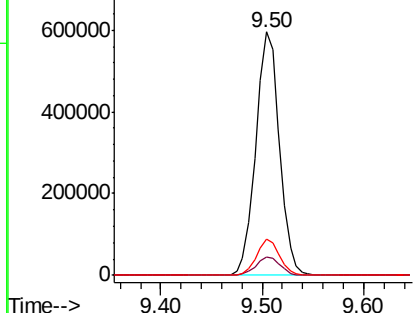
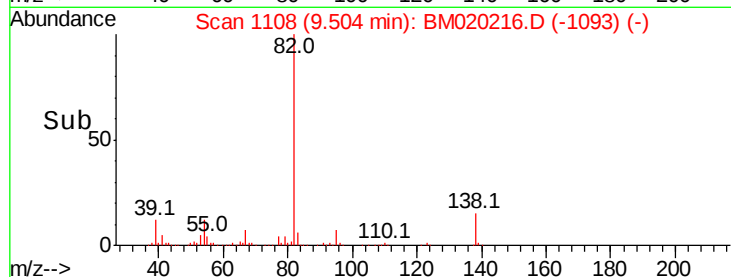
#25
Isophorone
Concen: 45.111 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 964679
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 14.7 11.1 16.7

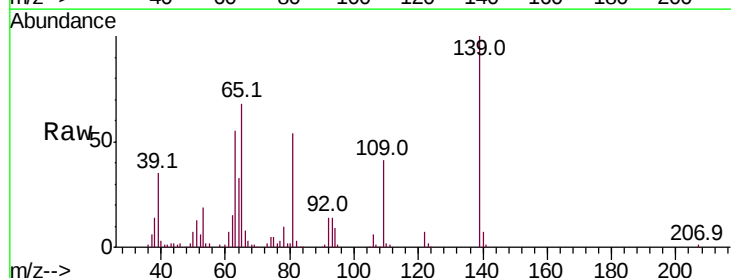


Abundance Ion 82.00 (81.70 to 82.70): BM0
800000
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

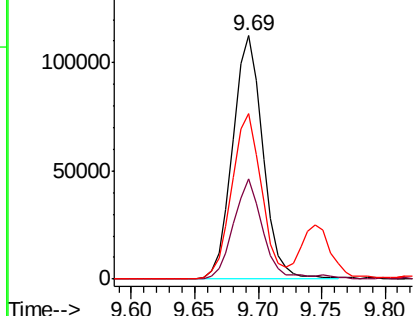
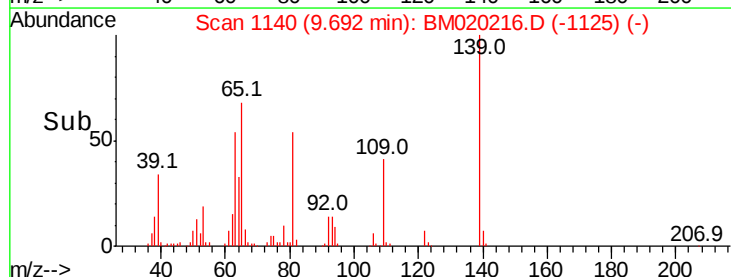


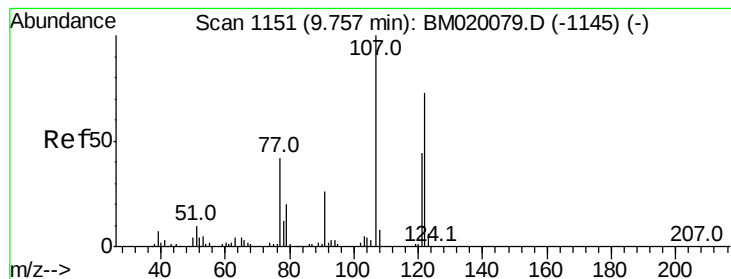
#26
2-Nitrophenol
Concen: 47.918 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion: 139 Resp: 186000
Ion Ratio Lower Upper
139 100
109 41.3 33.7 50.5
65 68.1 59.5 89.3



Abundance Ion 139.00 (138.70 to 139.70): E
150000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





#27

2,4-Dimethylphenol

Concen: 40.277 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

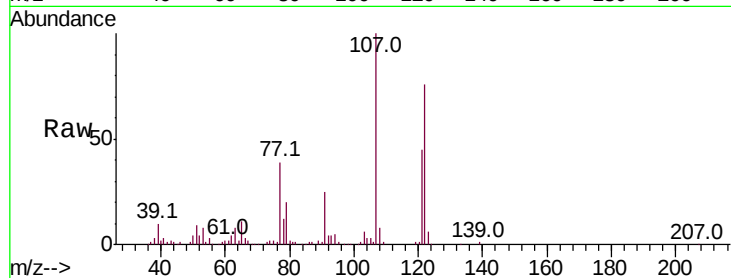
Tot Ion:122 Resp: 260287

Ion Ratio Lower Upper

122 100

107 131.3 108.6 162.8

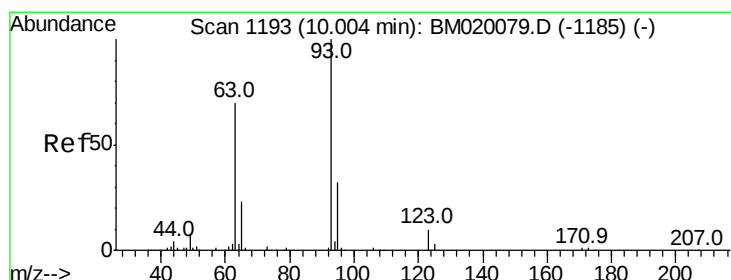
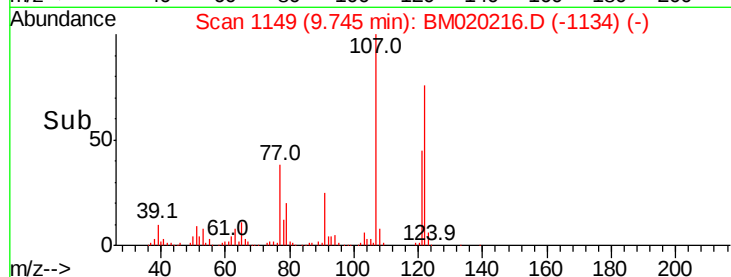
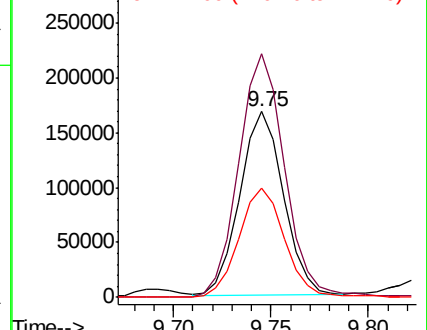
121 59.0 47.4 71.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.660 ng

RT: 9.99 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

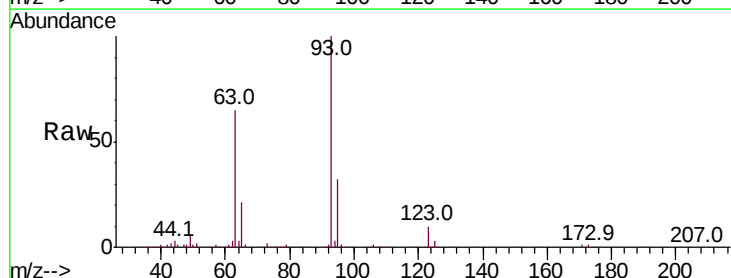
Tgt Ion: 93 Resp: 531801

Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

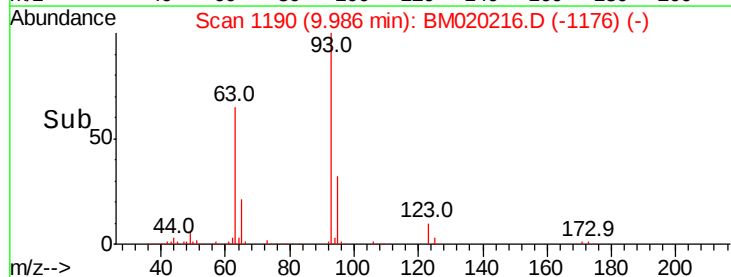
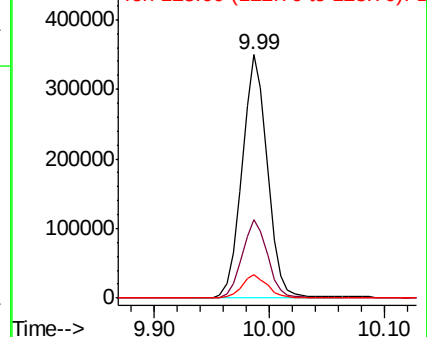
123 9.7 7.6 11.4

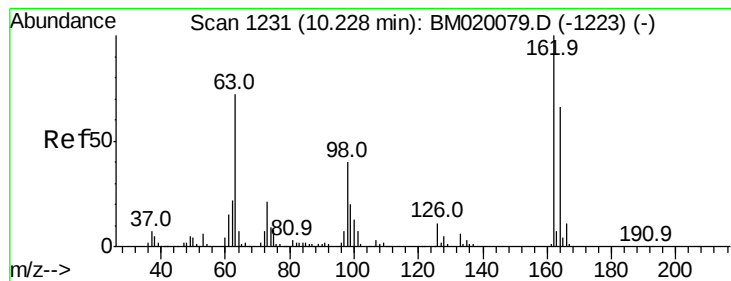


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.046 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampled :

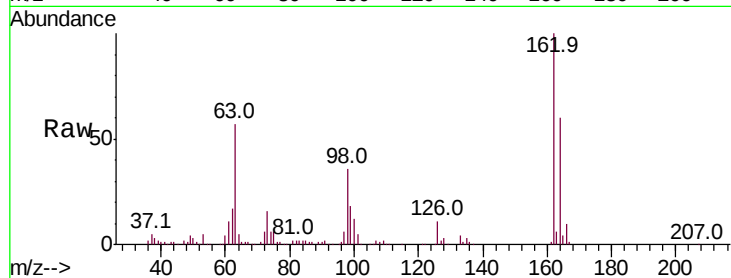
Tot Ion:162 Resp: 326326

Ion Ratio Lower Upper

162 100

164 59.6 45.6 85.6

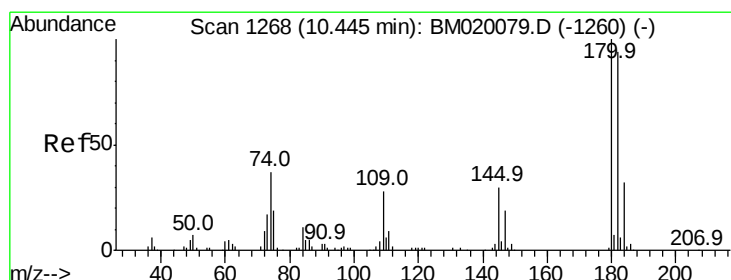
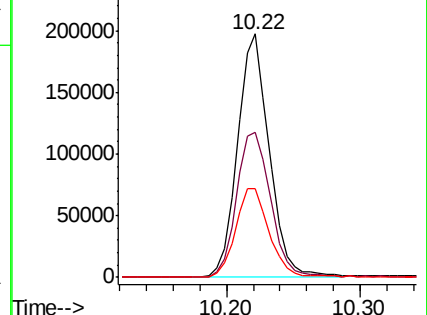
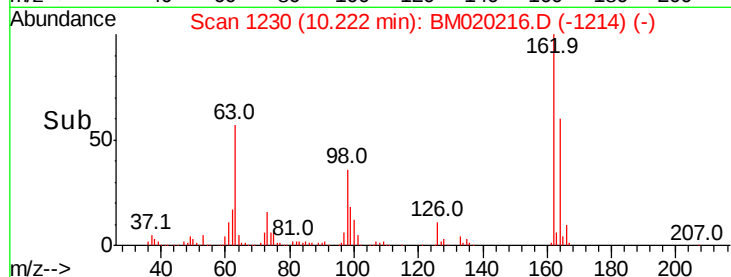
98 36.3 20.4 60.4



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: 42.216 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

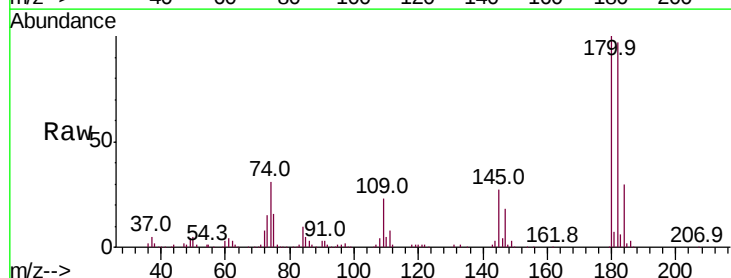
Tgt Ion:180 Resp: 423290

Ion Ratio Lower Upper

180 100

182 97.5 75.4 113.0

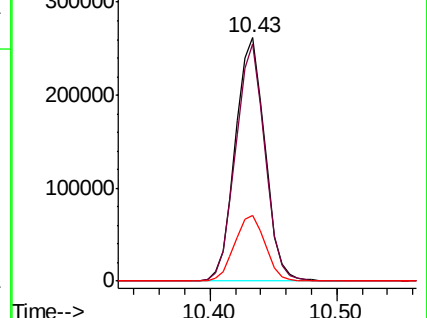
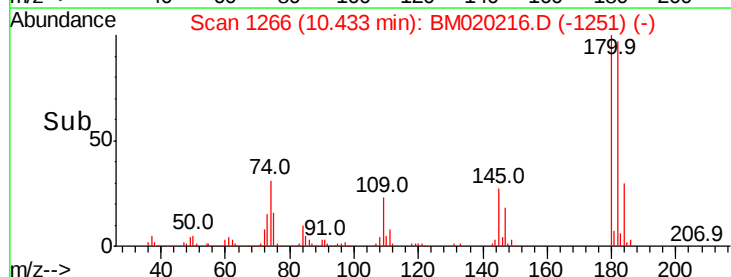
145 27.0 23.8 35.8

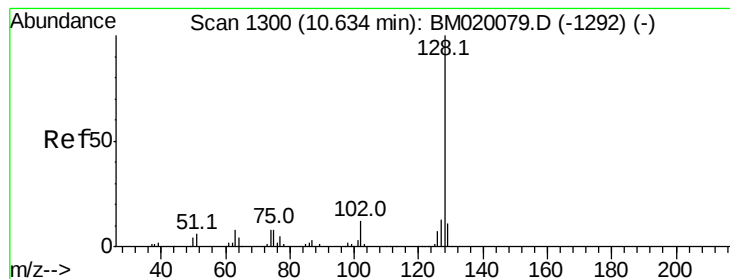


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.792 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

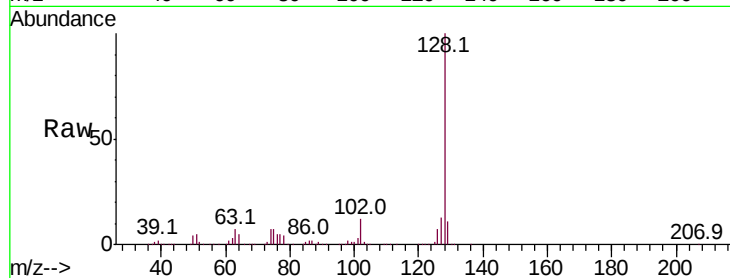
Tot Ion:128 Resp: 1087170

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

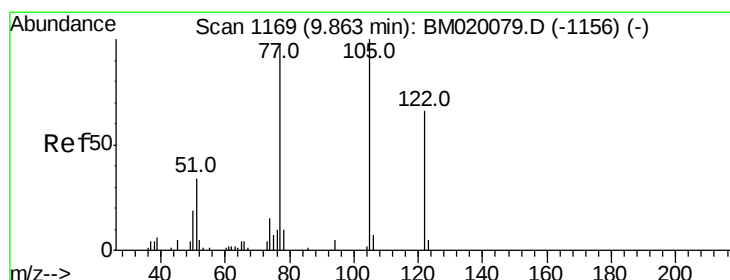
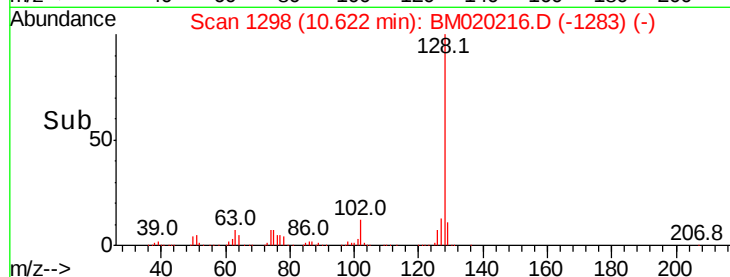
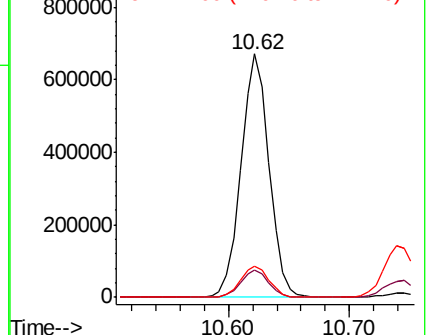
127 12.6 10.4 15.6



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: 15.865 ng

RT: 9.84 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

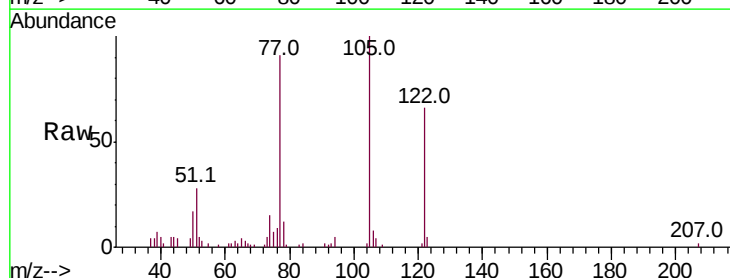
Tgt Ion:122 Resp: 49350

Ion Ratio Lower Upper

122 100

105 151.0 122.5 162.5

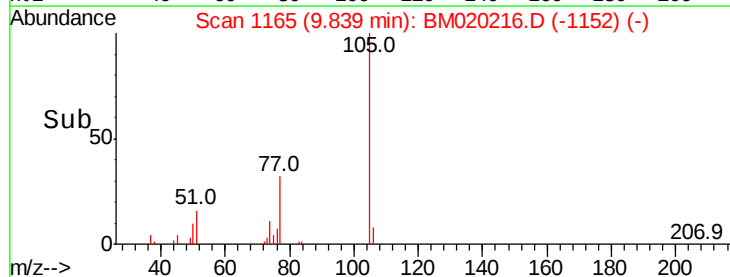
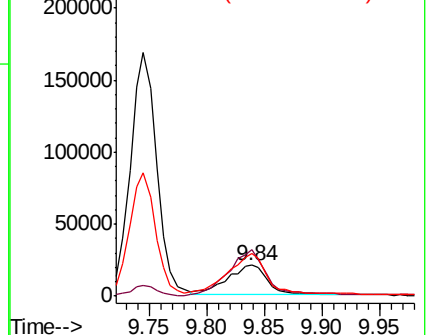
77 137.0 123.3 163.3

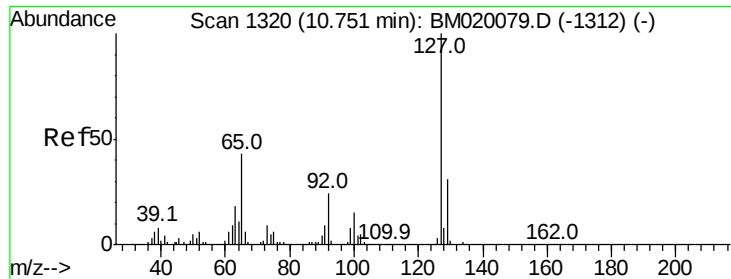


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

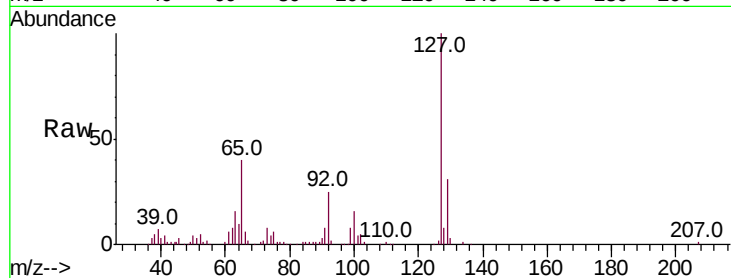




#33
4-Chloroaniline
Concen: 25.284 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	264391
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.7	37.1
65	39.6	34.6	52.0
92	25.0	19.5	29.3



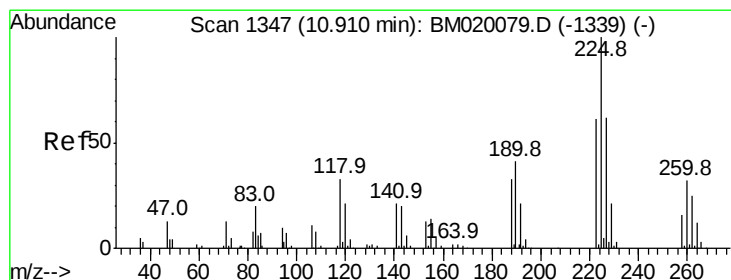
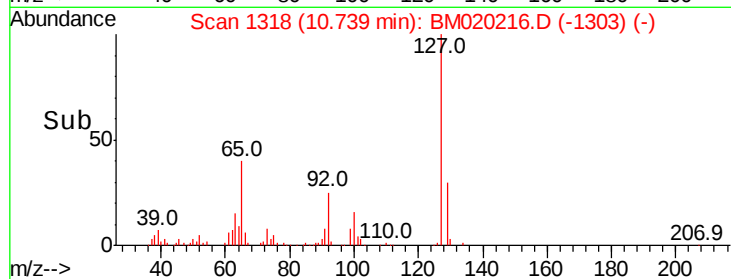
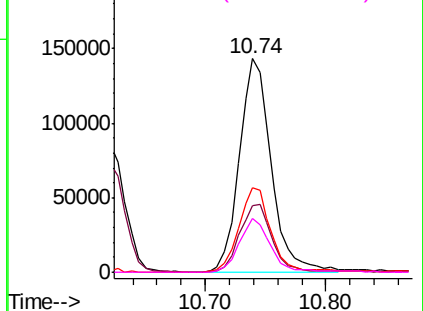
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

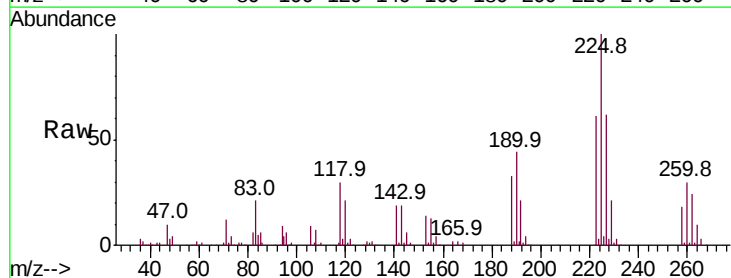
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 36.874 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:	225	Resp:	261549
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.9	73.3
227	62.3	49.6	74.4

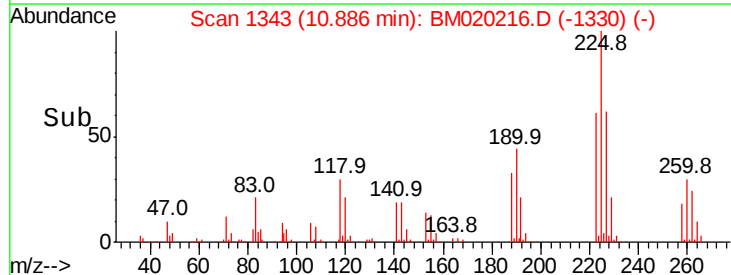
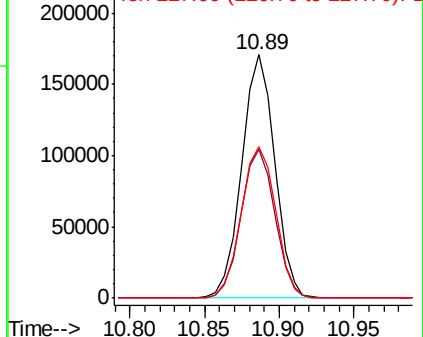


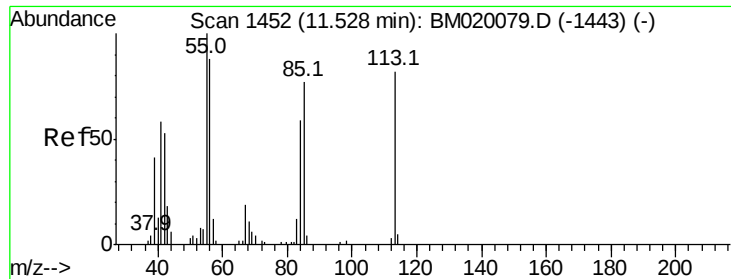
Abundance

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

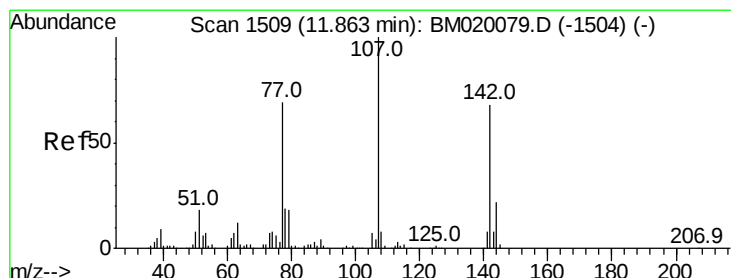
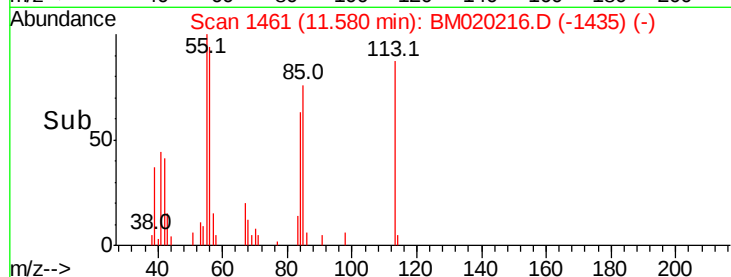
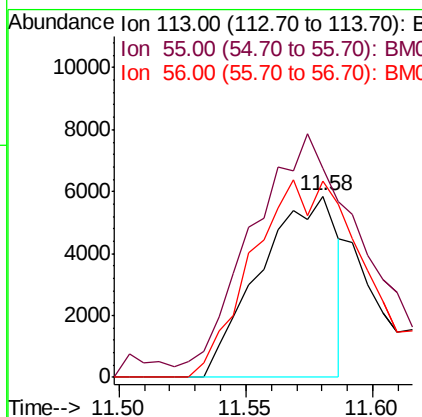
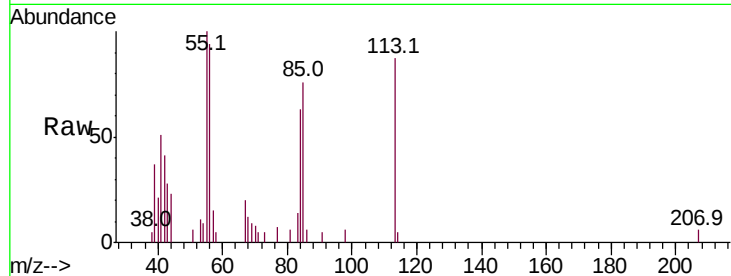




#35
 Caprolactam
 Concen: 5.078 ng
 RT: 11.58 min Scan# 1461
 Delta R.T. 0.05 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

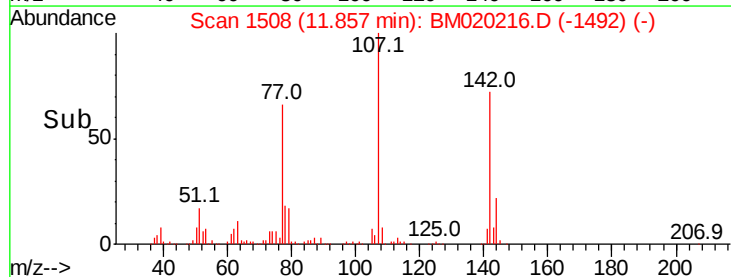
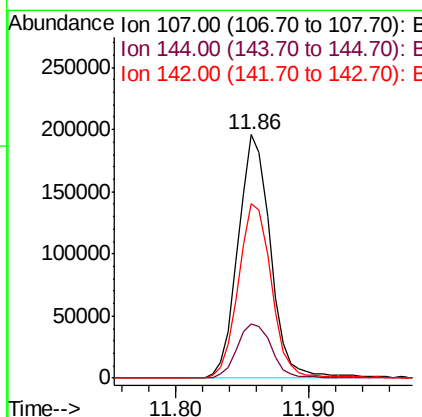
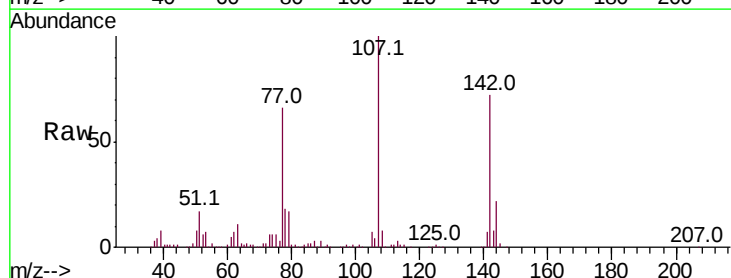
Instrument :
 BNA_M
 ClientSampled :

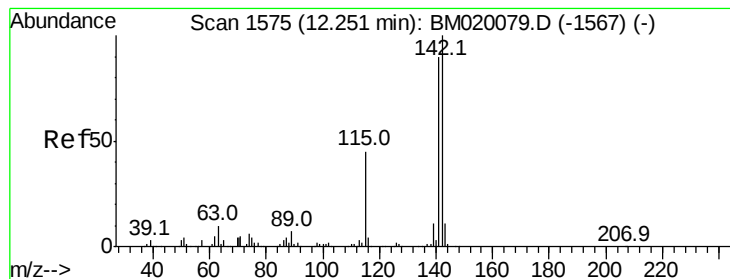
Tot Ion:113 Resp: 12374
 Ion Ratio Lower Upper
 113 100
 55 115.4 102.5 142.5
 56 107.9 87.7 127.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.401 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Tgt Ion:107 Resp: 329429
 Ion Ratio Lower Upper
 107 100
 144 22.2 17.6 26.4
 142 71.8 54.6 82.0





#37

2-Methylnaphthalene

Concen: 44.565 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

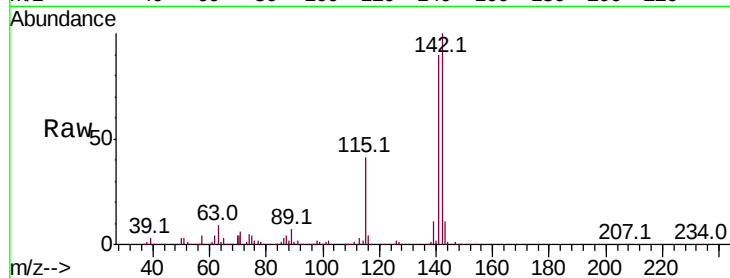
Tot Ion:142 Resp: 825436

Ion Ratio Lower Upper

142 100

141 90.1 71.6 107.4

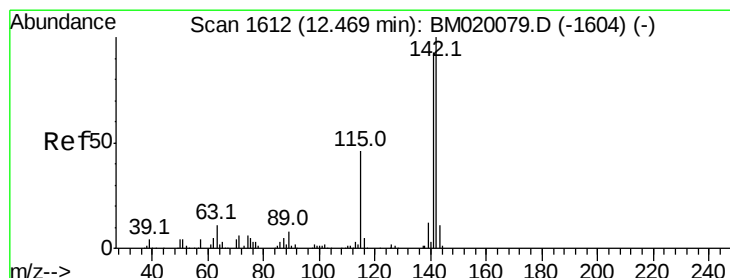
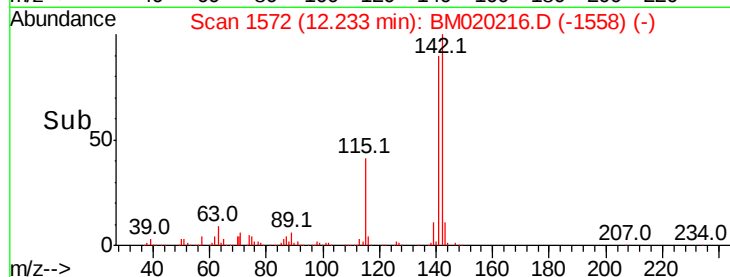
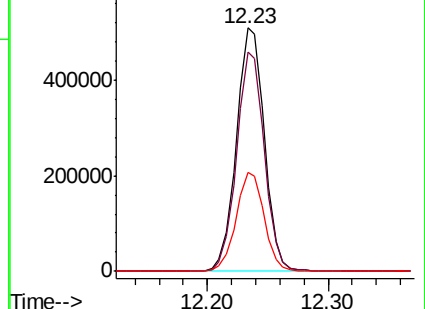
115 40.5 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.866 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

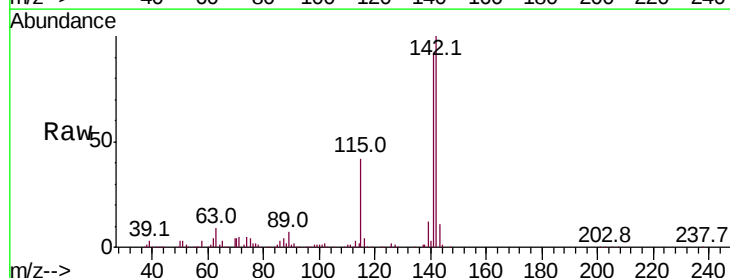
Tgt Ion:142 Resp: 794493

Ion Ratio Lower Upper

142 100

141 91.8 74.8 112.2

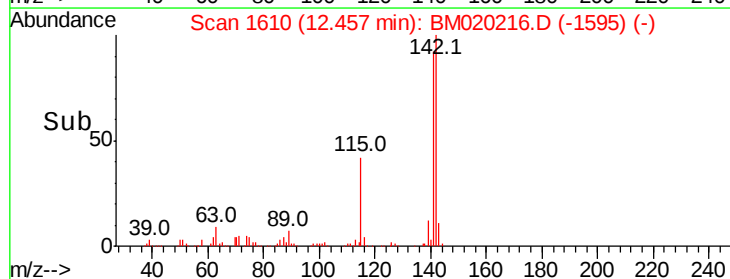
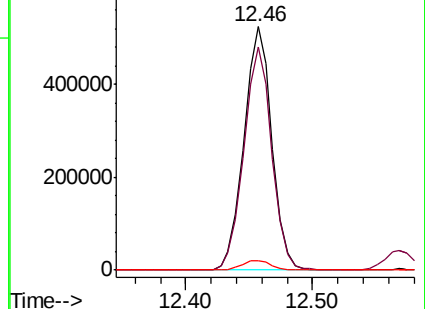
116 4.1 3.9 5.9

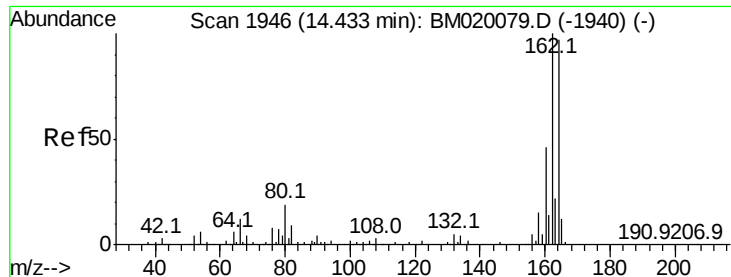


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

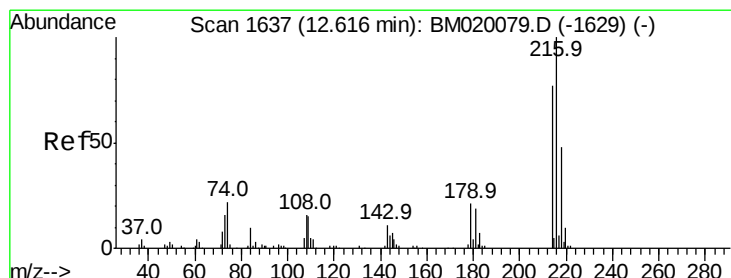
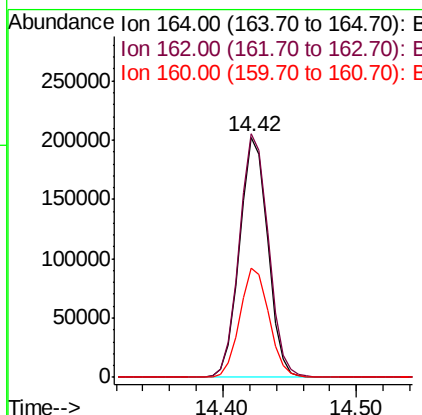
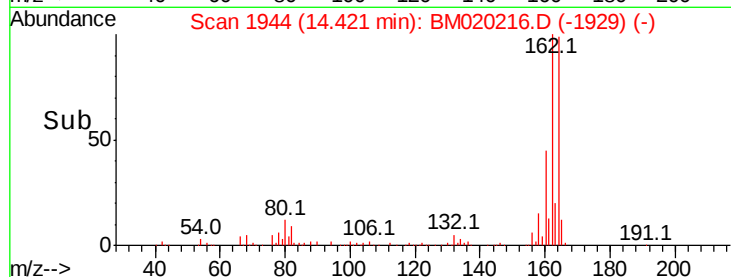
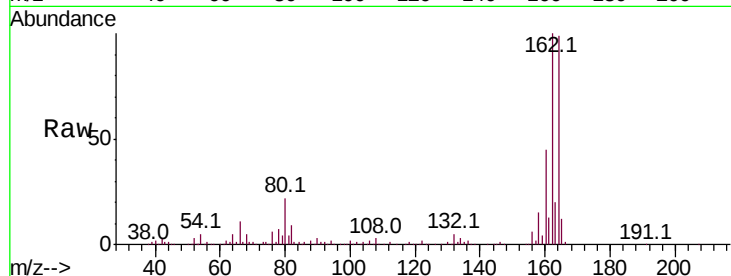




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

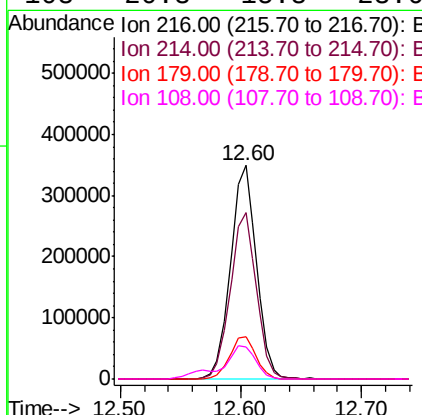
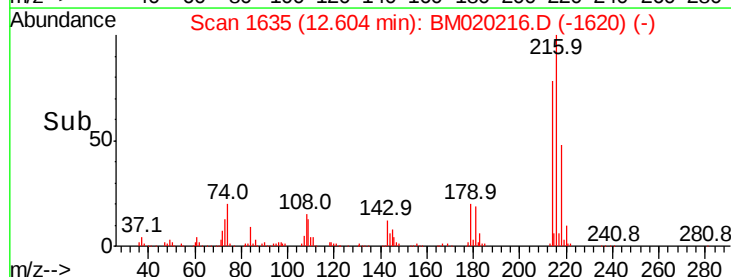
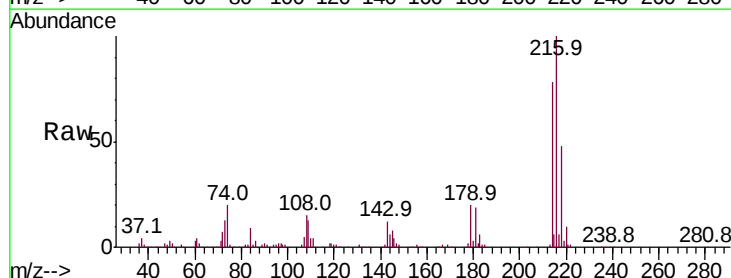
Instrument :
BNA_M
ClientSampled :

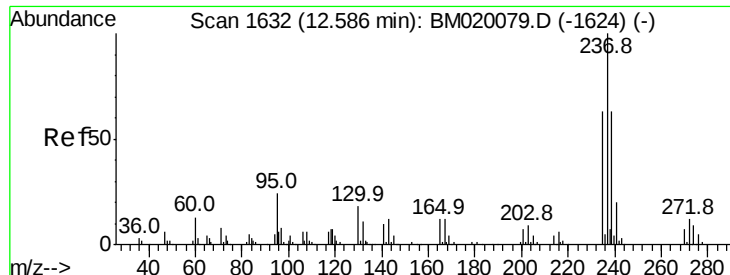
Tot Ion:164 Resp: 295329
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 45.3 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.180 ng
RT: 12.60 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:216 Resp: 522030
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 20.2 17.1 25.7
108 20.3 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 94.623 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

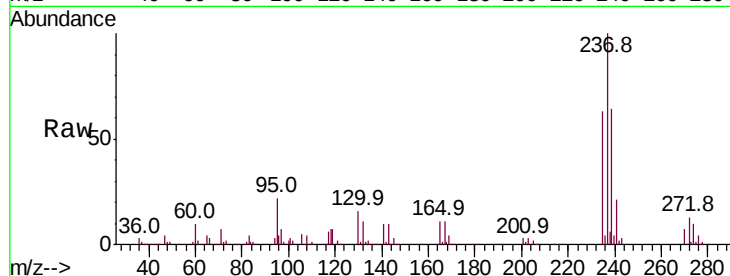
Instrument :

BNA_M

ClientSampled :

Tot Ion:237 Resp: 643745

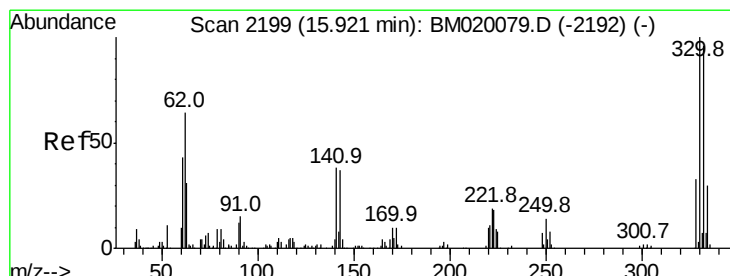
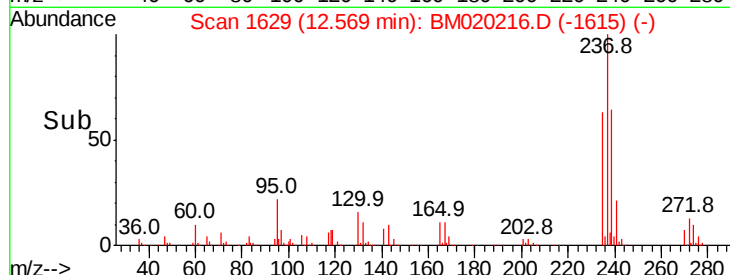
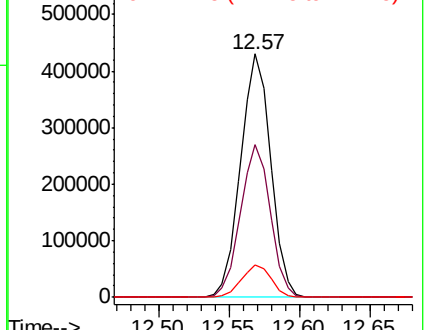
Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.4	83.4
272	13.2	0.0	31.7



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: 141.832 ng

RT: 15.92 min Scan# 2198

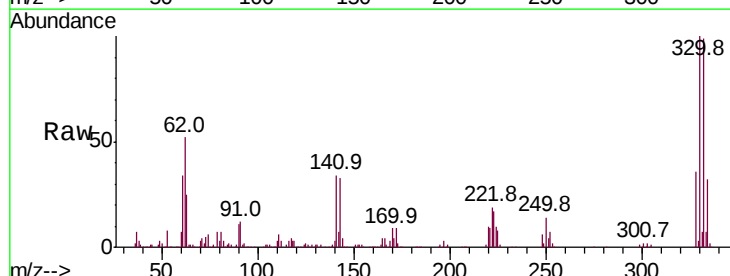
Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Tgt Ion:330 Resp: 650168

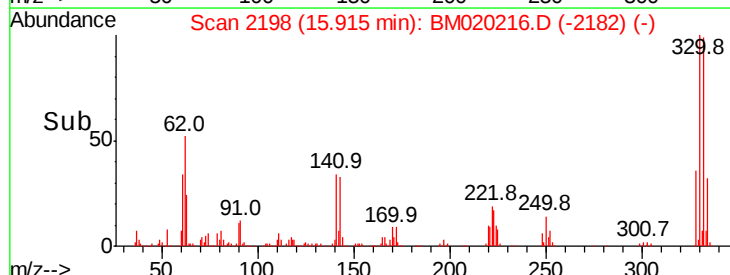
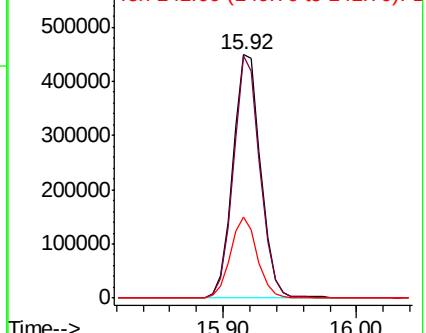
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	32.5	29.2	43.8

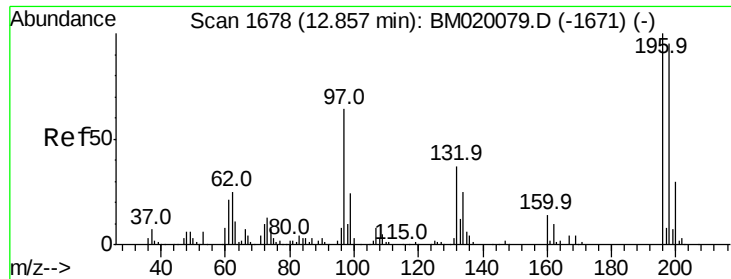


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

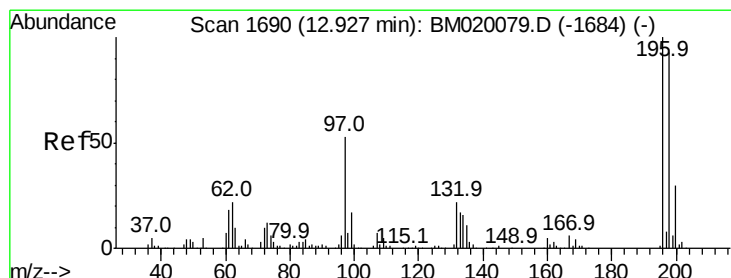
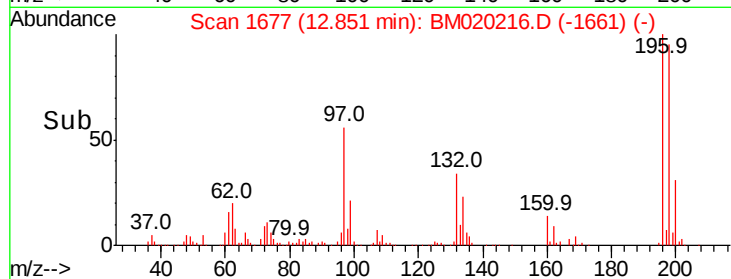
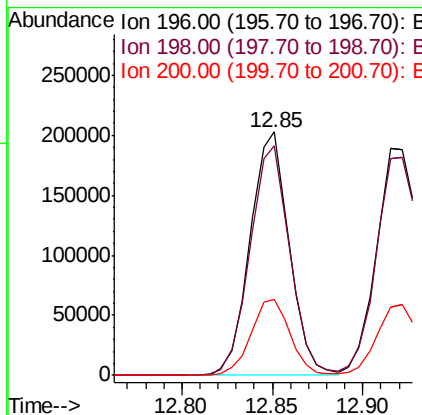
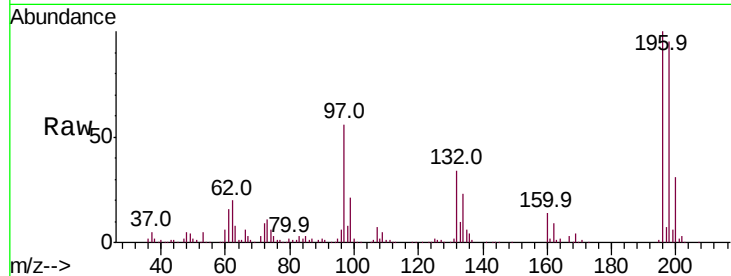




#43
 2,4,6-Trichlorophenol
 Concen: 46.339 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

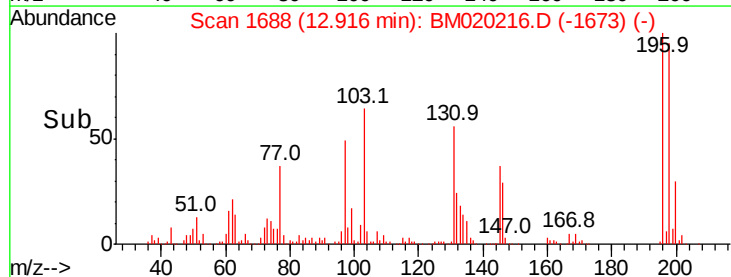
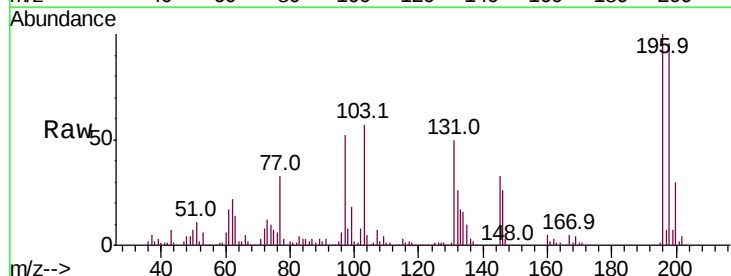
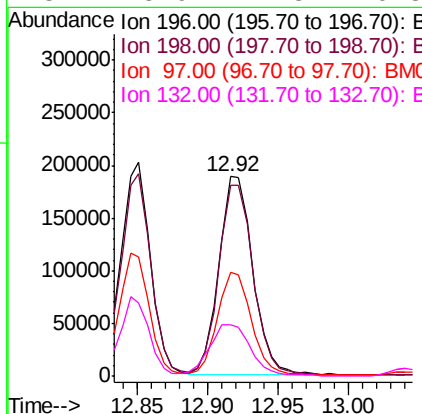
Instrument :
 BNA_M
 ClientSampleId :

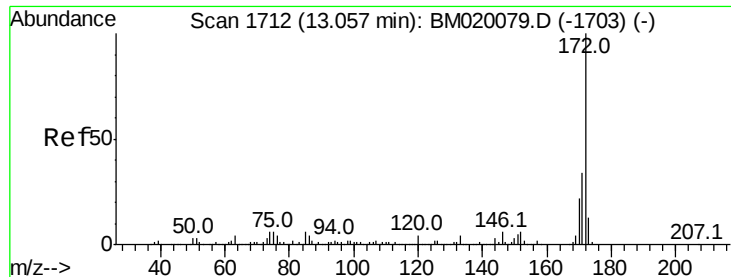
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
200	31.0	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.017 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.7	112.1
97	51.8	42.2	63.4
132	25.9	17.8	26.8

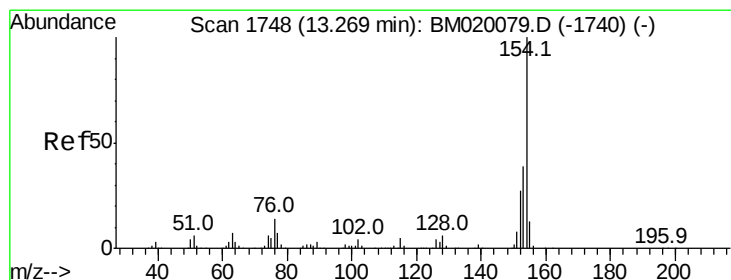
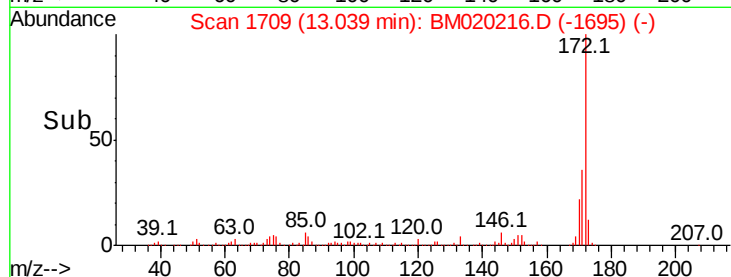
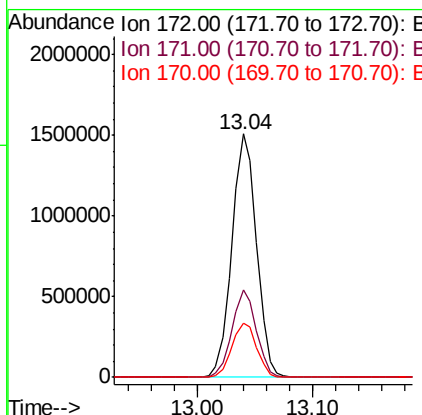
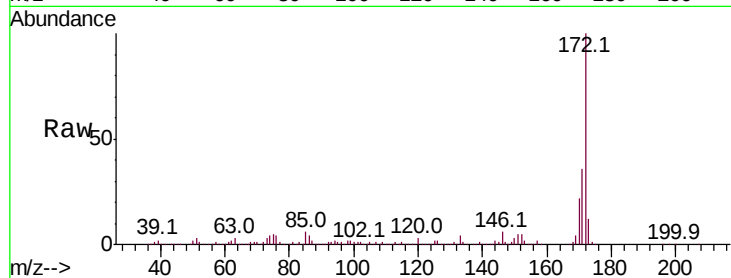




#45
2-Fluorobiphenyl
Concen: 92.699 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

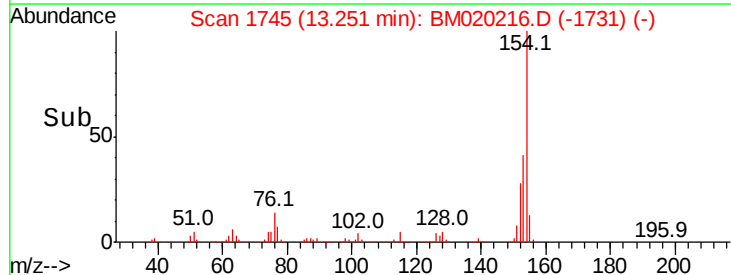
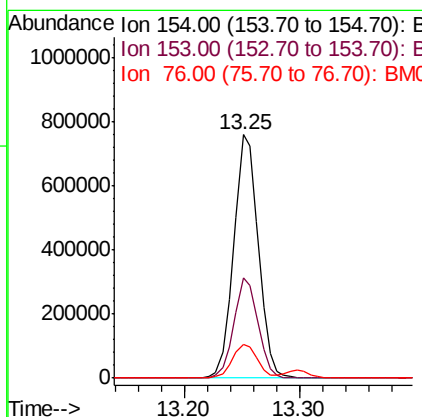
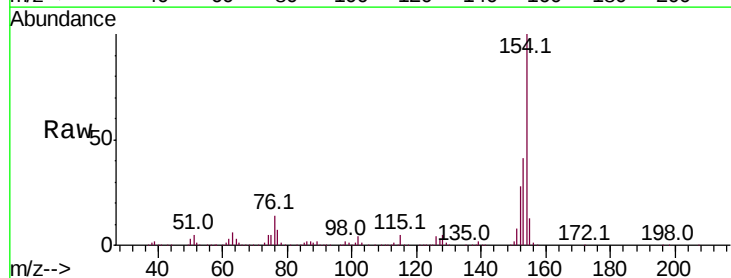
Instrument :
BNA_M
ClientSampleId :

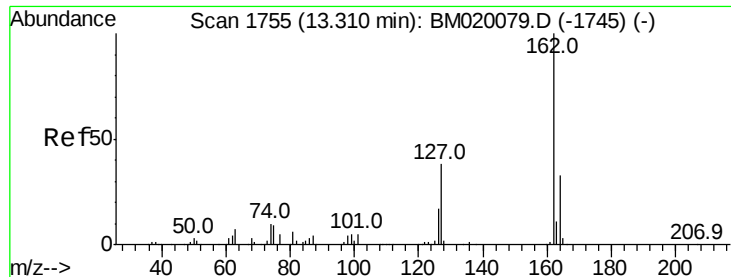
Tot Ion:172 Resp: 2225093
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 22.5 17.9 26.9



#46
1,1'-Biphenyl
Concen: 45.891 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:154 Resp: 1115528
Ion Ratio Lower Upper
154 100
153 41.1 19.4 59.4
76 14.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.372 ng

RT: 13.30 min Scan# 1753

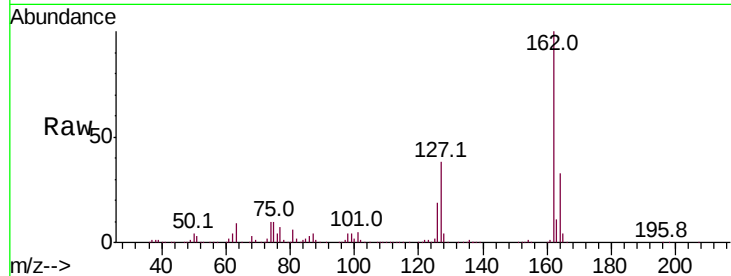
Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.0	46.4
164	33.0	26.2	39.2

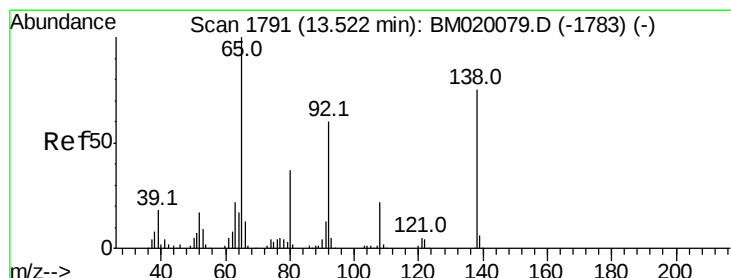
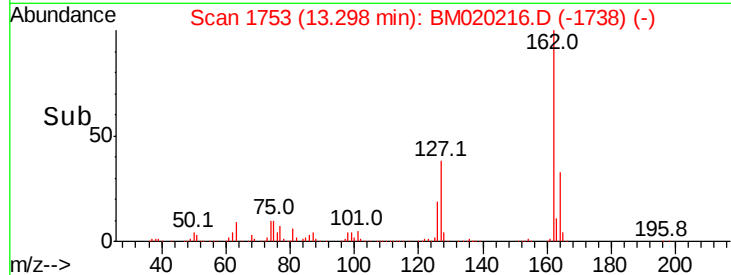
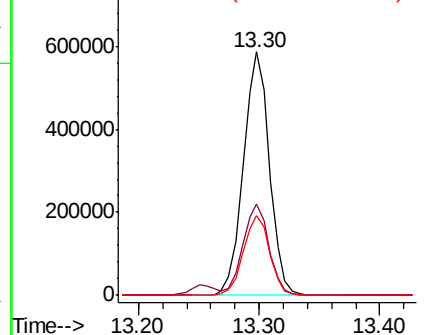


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.581 ng

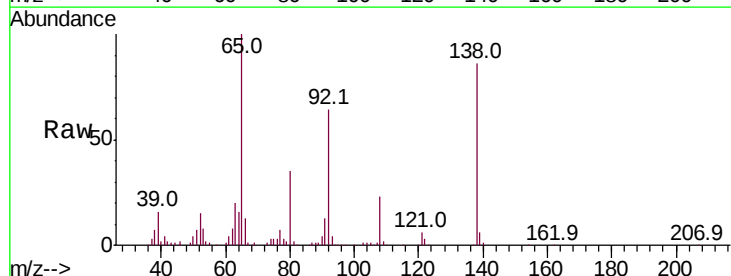
RT: 13.52 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	48.2	72.4
138	86.2	60.3	90.5

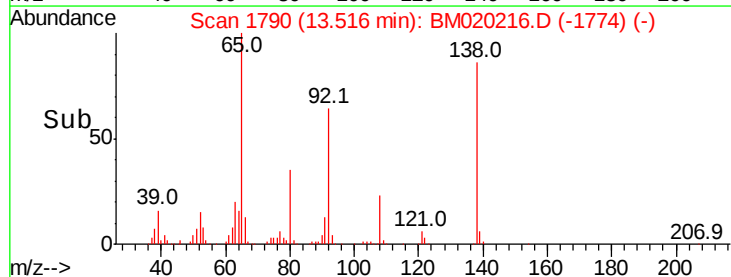
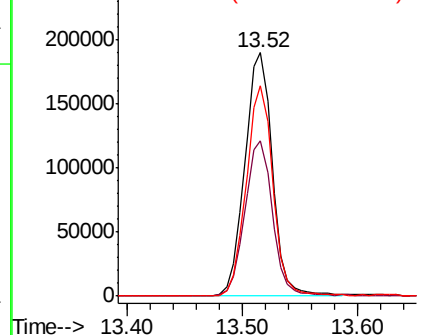


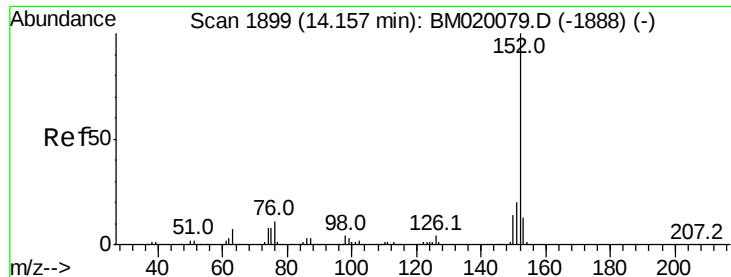
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.070 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

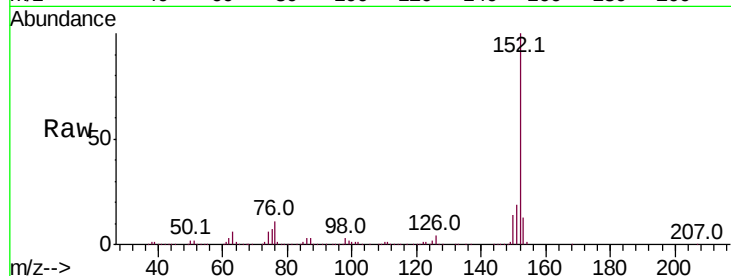
Tot Ion:152 Resp: 1368846

Ion Ratio Lower Upper

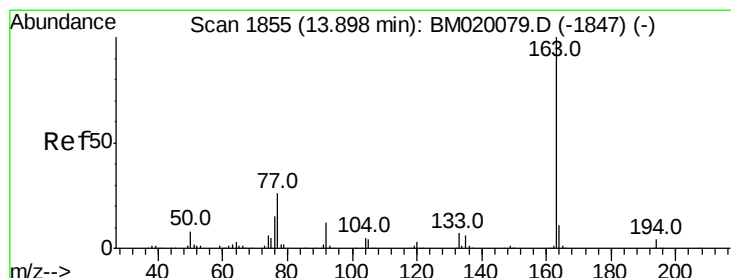
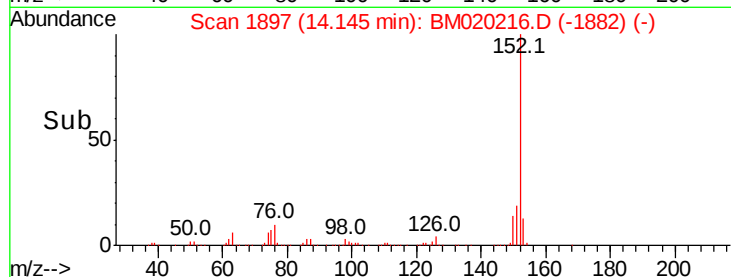
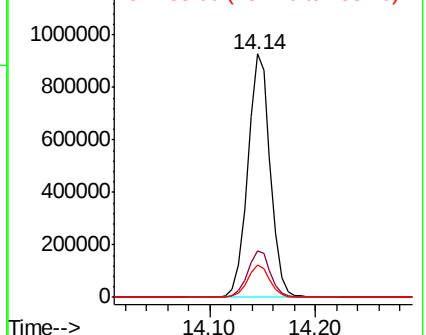
152 100

151 19.4 16.2 24.2

153 13.1 10.6 16.0



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: 46.680 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

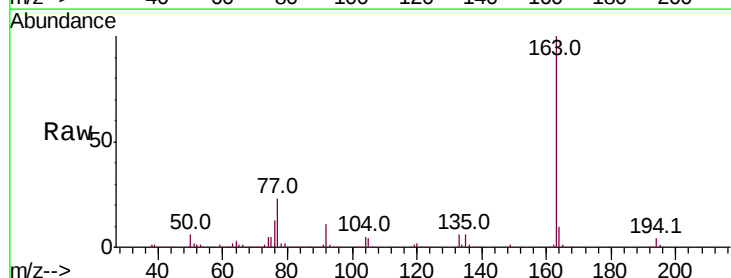
Tgt Ion:163 Resp: 1171701

Ion Ratio Lower Upper

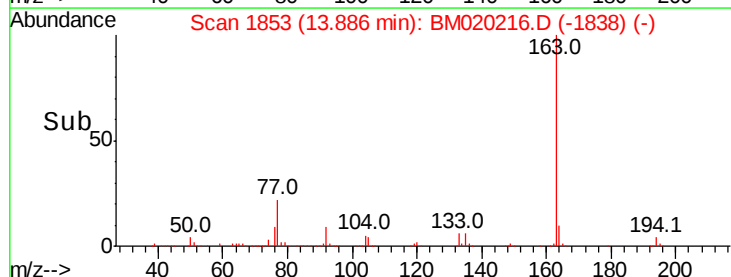
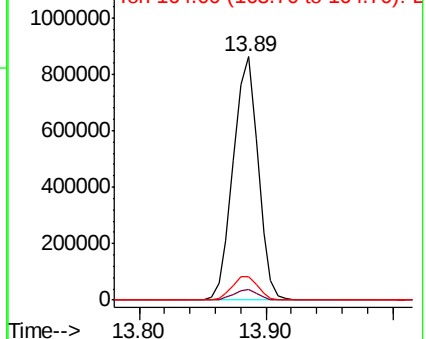
163 100

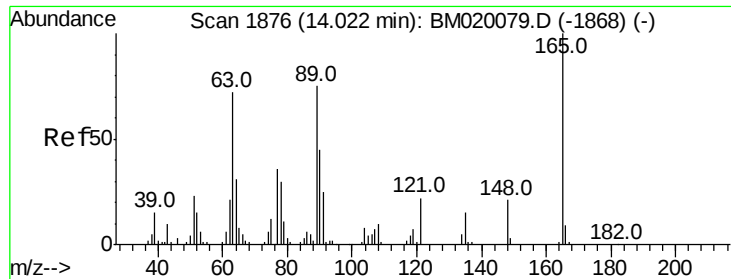
194 4.5 3.6 5.4

164 9.5 8.4 12.6



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: 47.894 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampled :

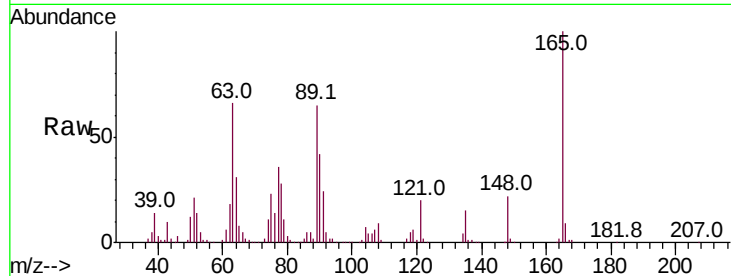
Tot Ion:165 Resp: 253204

Ion Ratio Lower Upper

165 100

63 65.6 60.3 90.5

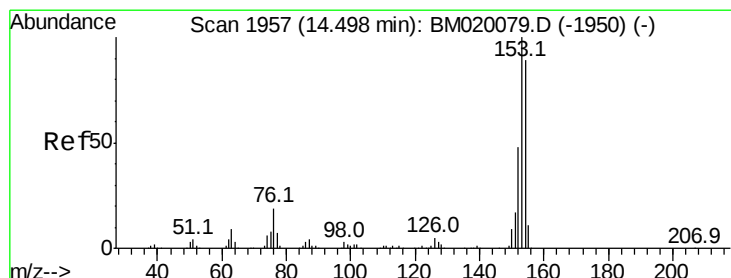
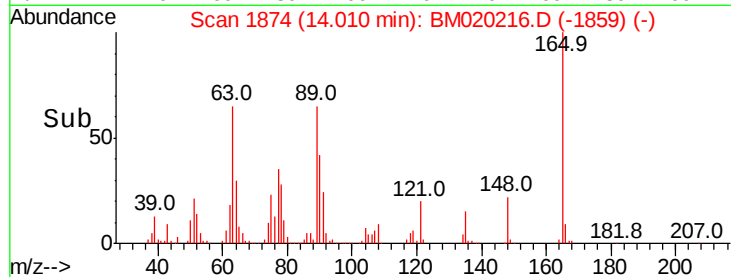
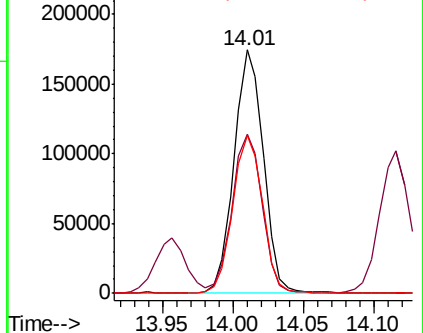
89 64.7 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 45.654 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

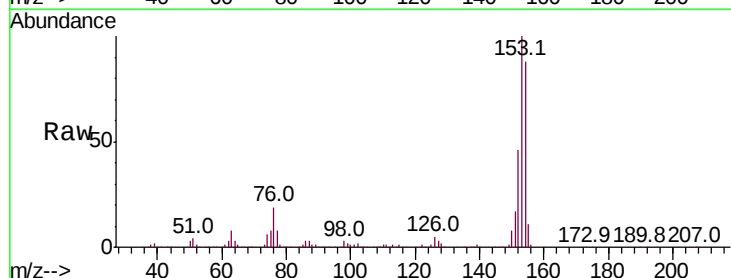
Tgt Ion:154 Resp: 813198

Ion Ratio Lower Upper

154 100

153 113.6 90.2 135.2

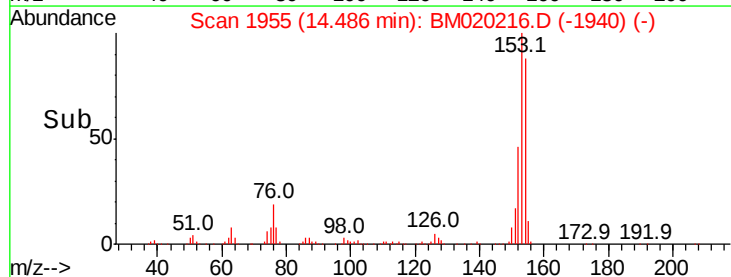
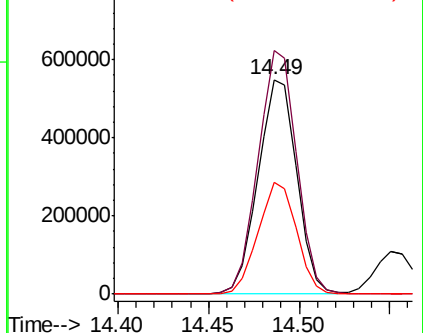
152 52.3 43.0 64.4

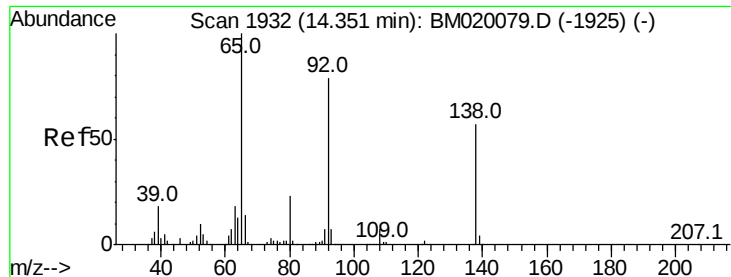


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.811 ng

RT: 14.34 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

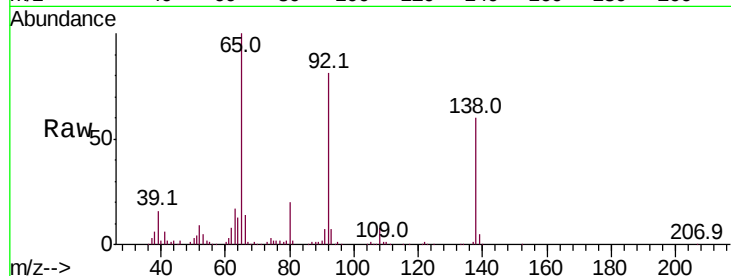
Tot Ion:138 Resp: 141369

Ion Ratio Lower Upper

138 100

108 13.5 10.4 15.6

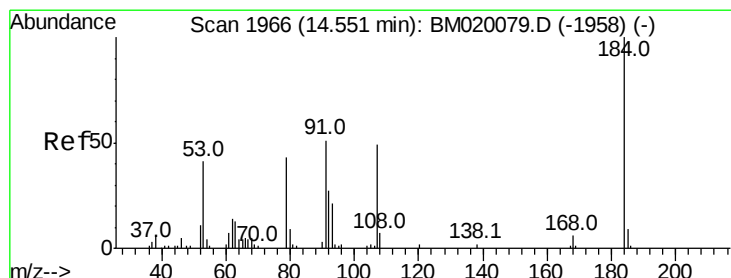
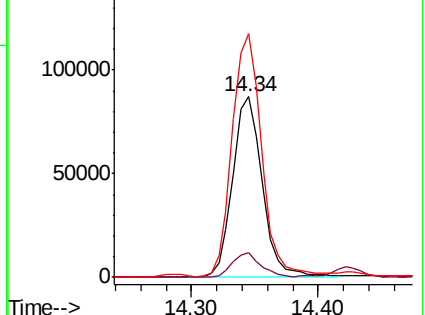
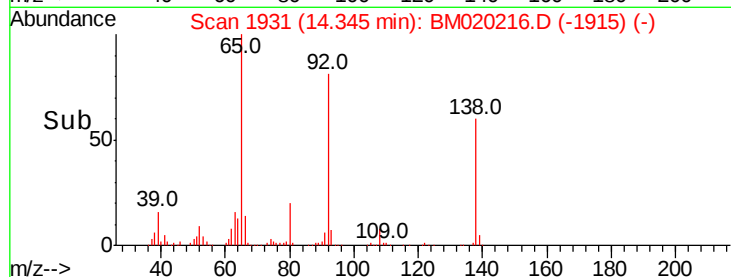
92 134.8 111.3 166.9



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: 97.062 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

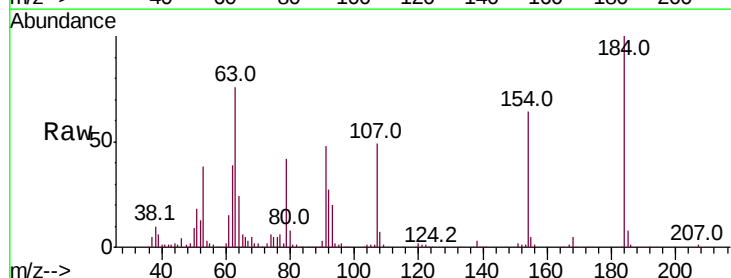
Tgt Ion:184 Resp: 262383

Ion Ratio Lower Upper

184 100

63 75.9 68.9 103.3

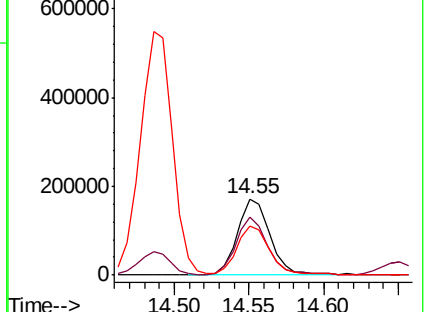
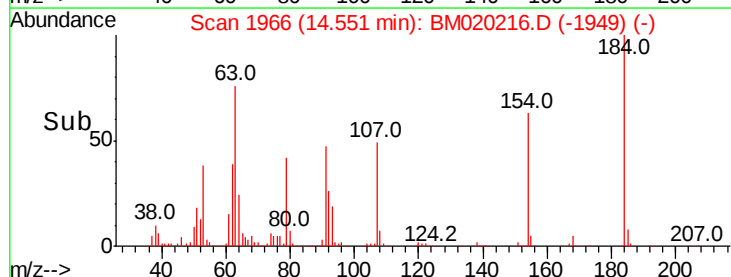
154 63.6 54.4 81.6

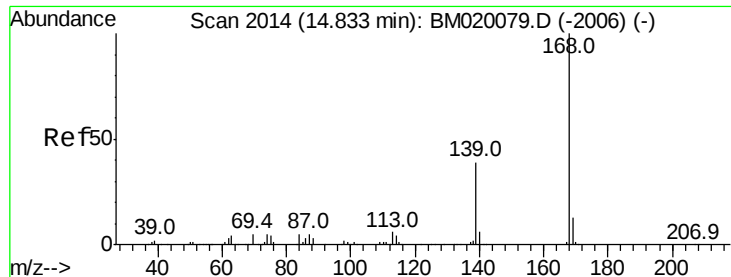


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

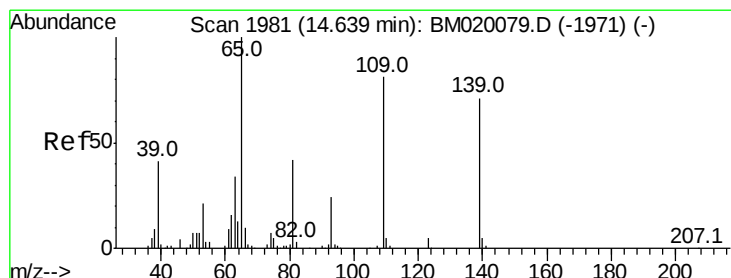
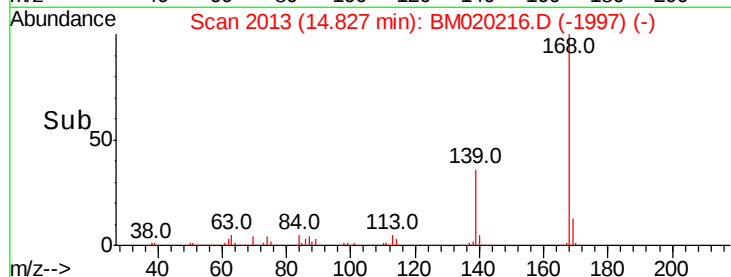
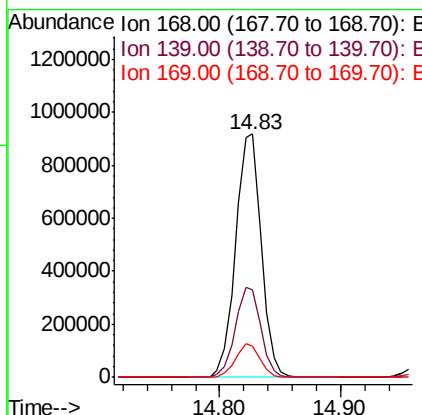
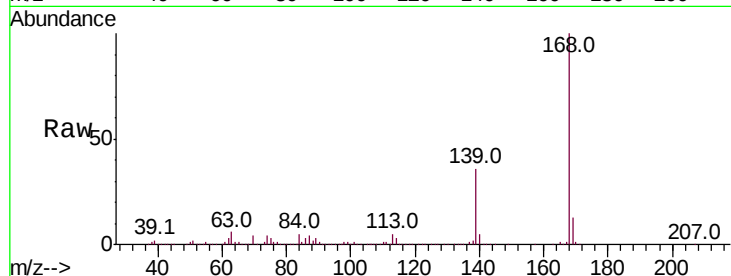




#55
Dibenzofuran
Concen: 45.351 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

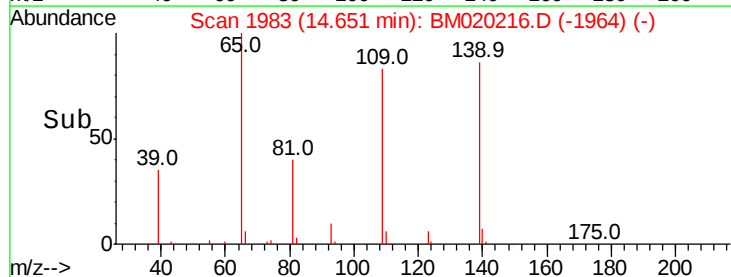
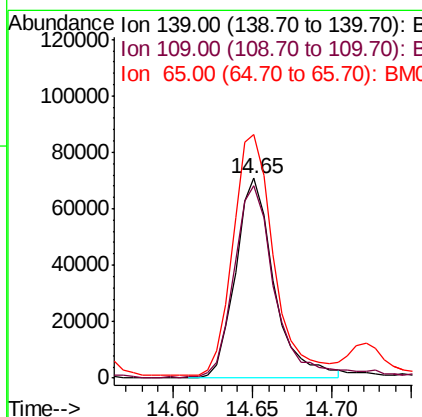
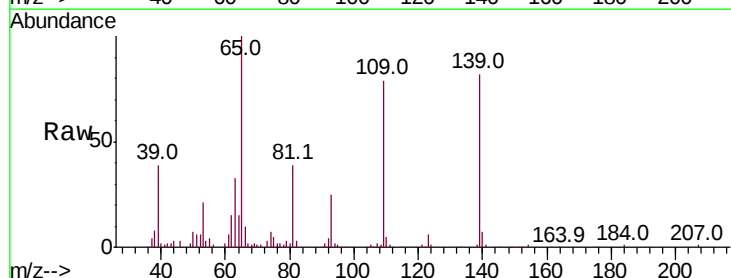
Instrument :
BNA_M
ClientSampleId :

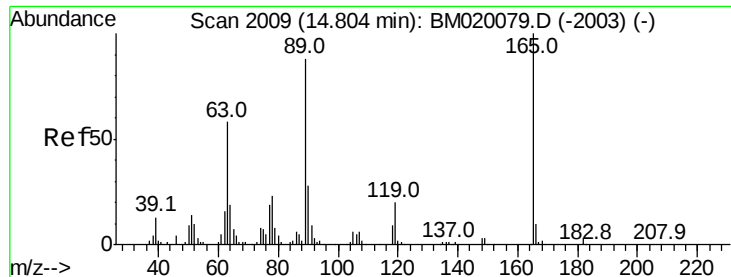
Tot Ion:168 Resp: 1362564
Ion Ratio Lower Upper
168 100
139 35.8 31.1 46.7
169 12.7 10.6 16.0



#56
4-Nitrophenol
Concen: 28.547 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:139 Resp: 119512
Ion Ratio Lower Upper
139 100
109 96.7 94.1 134.1
65 122.0 120.9 160.9

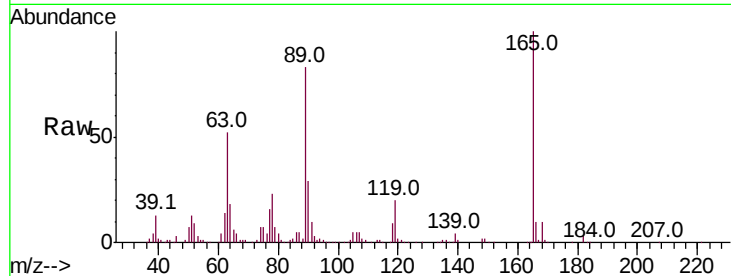




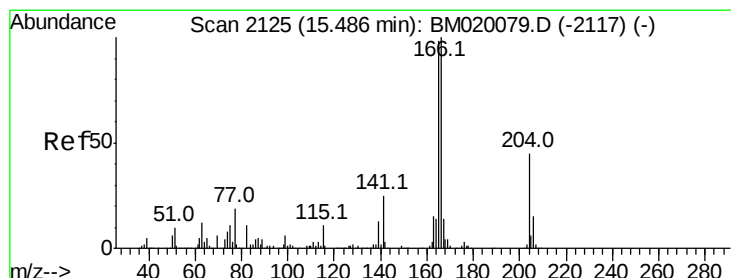
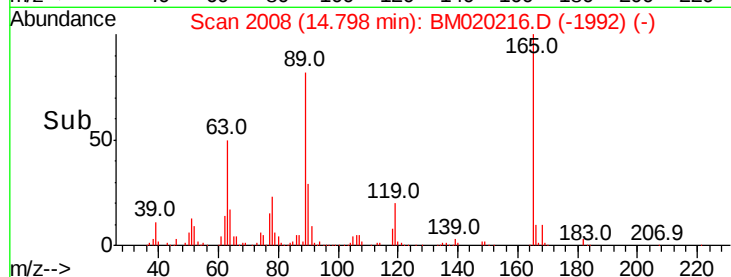
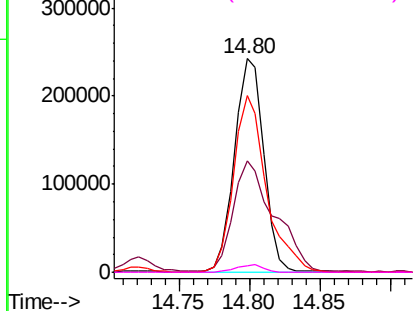
#57
2,4-Dinitrotoluene
Concen: 49.011 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 352079
Ion Ratio Lower Upper
165 100
63 52.1 46.2 69.2
89 82.7 70.6 105.8
182 3.2 2.2 3.2

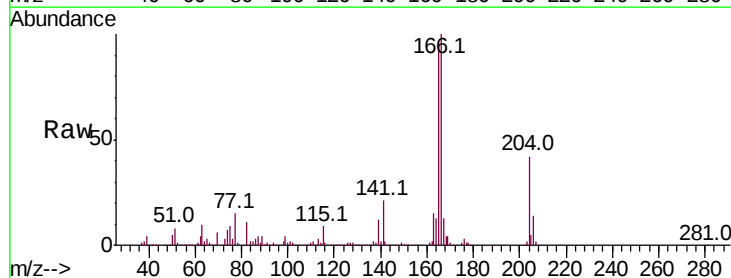


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

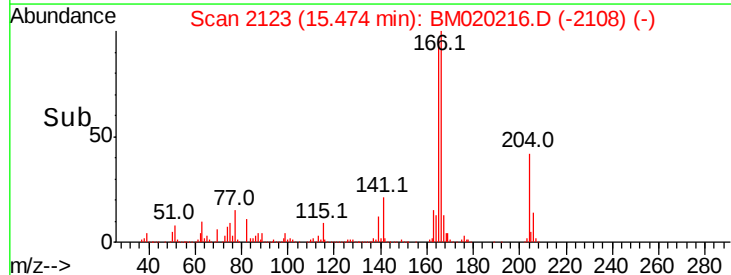
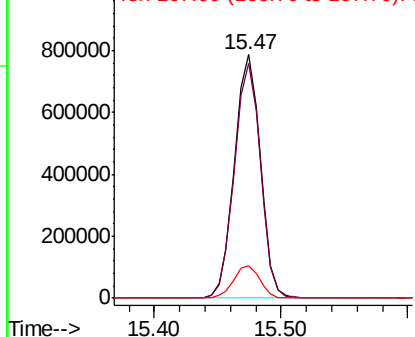


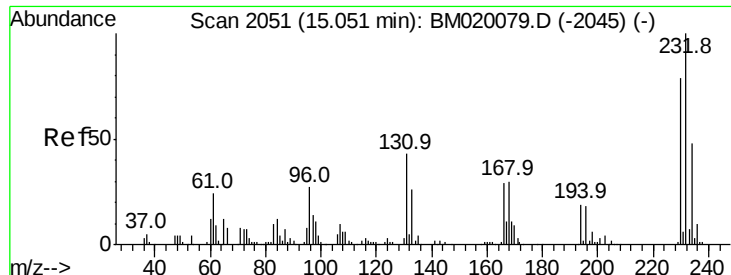
#58
Fluorene
Concen: 45.004 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:166 Resp: 1110477
Ion Ratio Lower Upper
166 100
165 96.2 78.2 117.2
167 13.4 11.0 16.4



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

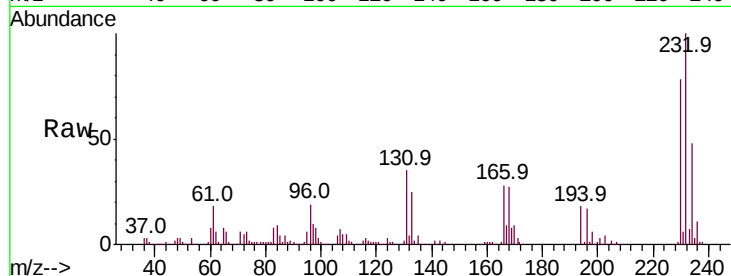




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.164 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.6	34.2	51.4
130	2.4	2.0	3.0
166	28.5	23.8	35.8



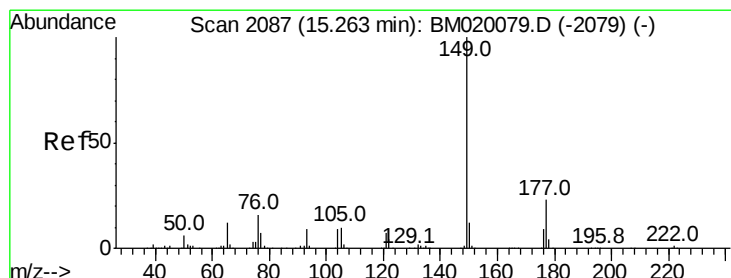
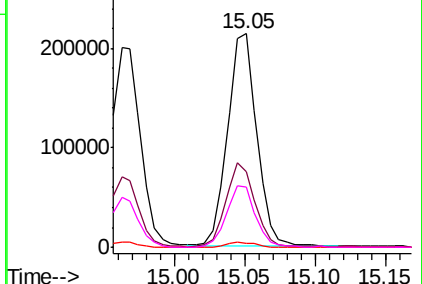
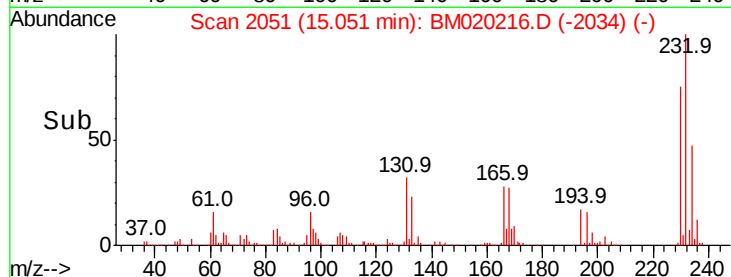
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

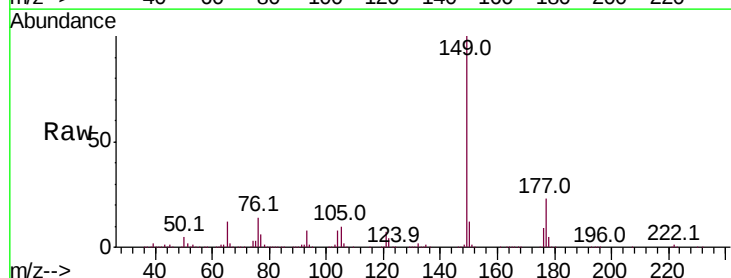
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.474 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.4
150	12.2	9.9	14.9

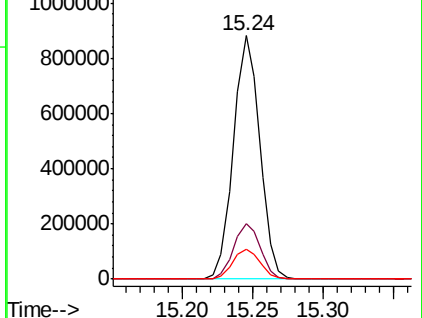
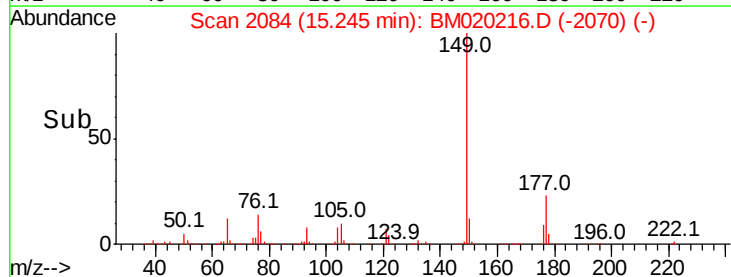


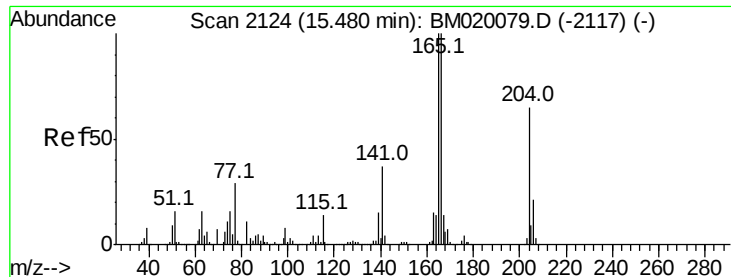
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

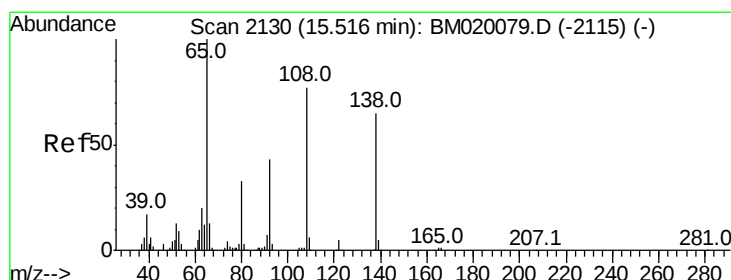
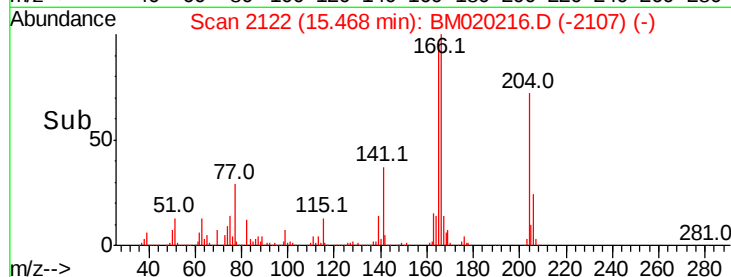
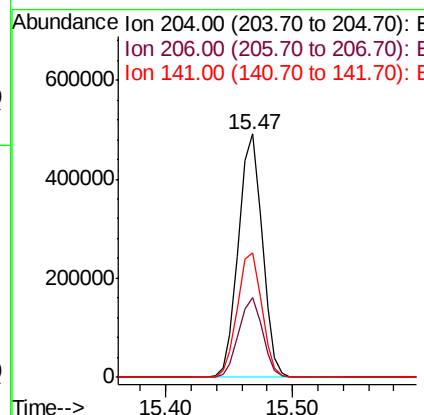
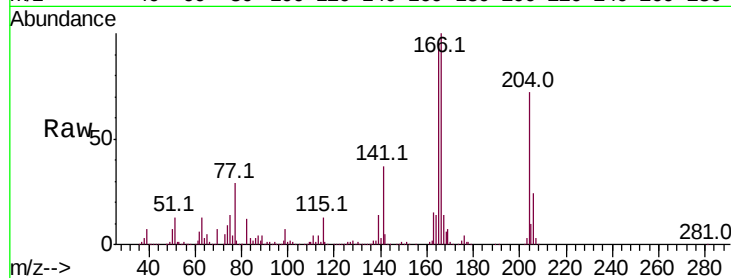




#61
4-Chlorophenyl-phenylether
Concen: 45.723 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

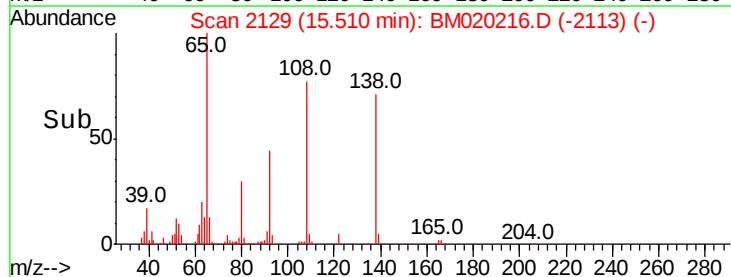
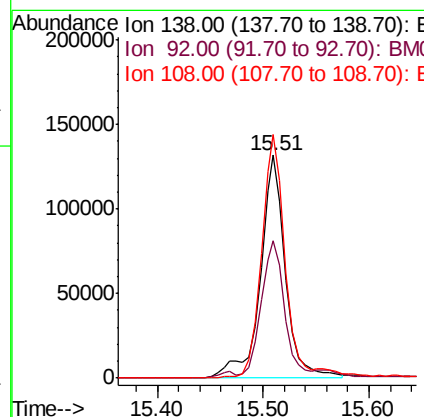
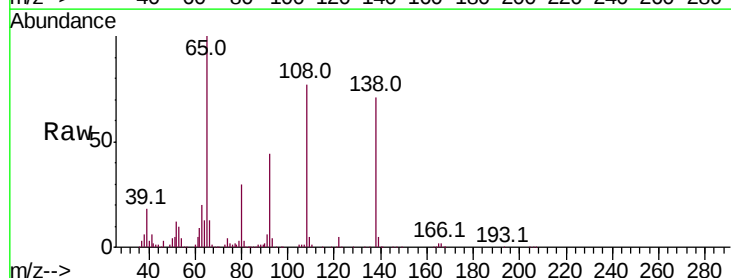
Instrument :
BNA_M
ClientSampleId :

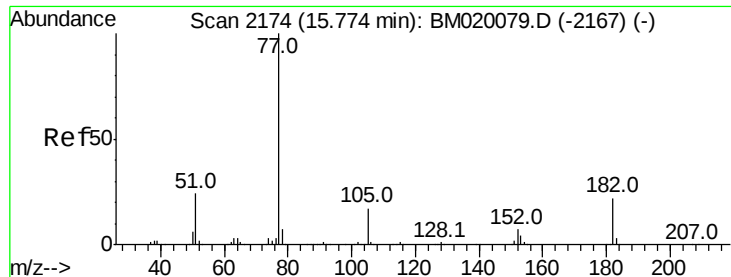
Tot Ion:204 Resp: 639248
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 51.2 46.1 69.1



#62
4-Nitroaniline
Concen: 40.427 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:138 Resp: 218910
Ion Ratio Lower Upper
138 100
92 61.6 45.9 85.9
108 109.2 97.7 137.7

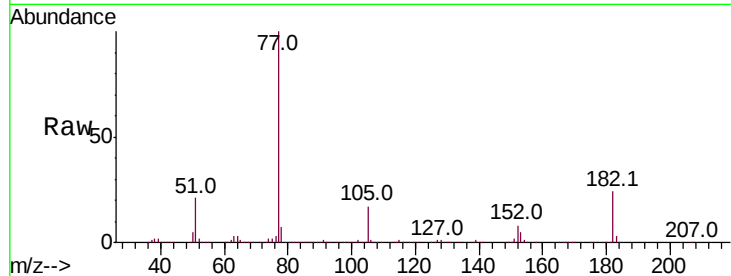




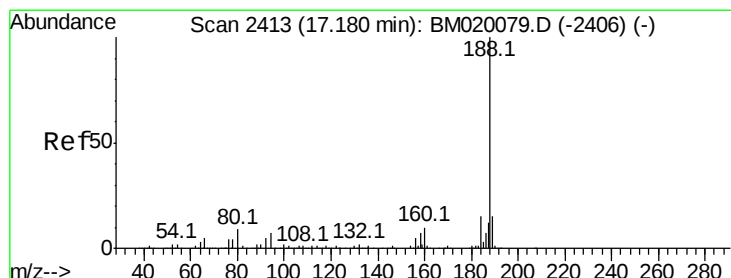
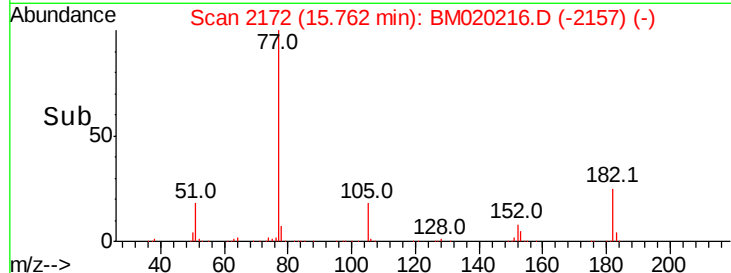
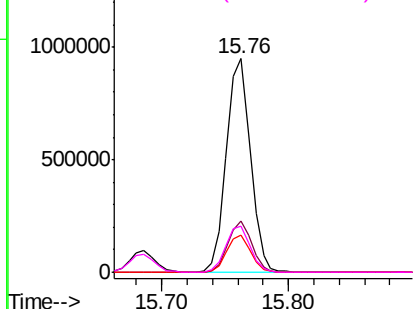
#63
Azobenzene
Concen: 41.732 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 1245014
Ion Ratio Lower Upper
77 100
182 24.1 2.1 42.1
105 17.3 0.0 36.8
51 21.3 3.8 43.8

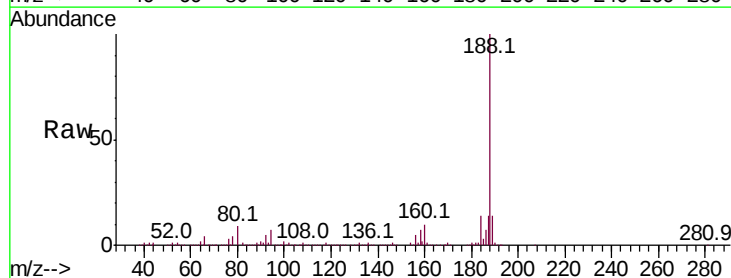


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

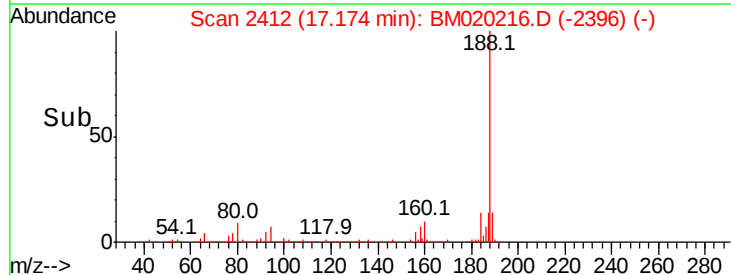
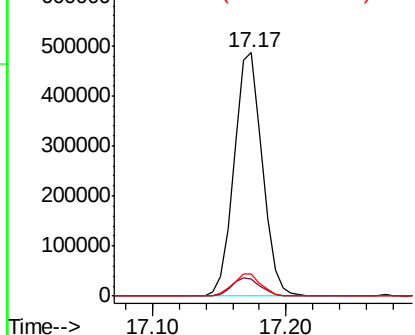


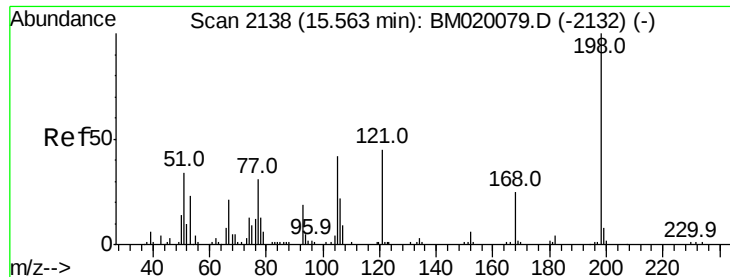
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion: 188 Resp: 712240
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 9.1 7.4 11.2



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

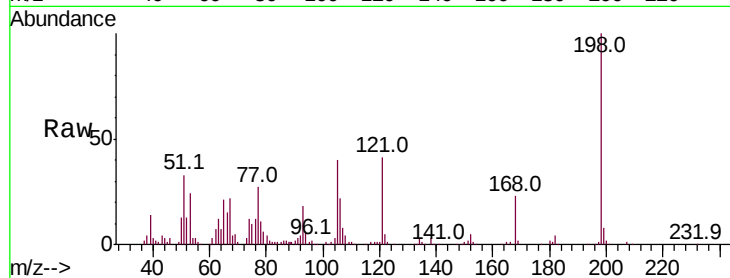




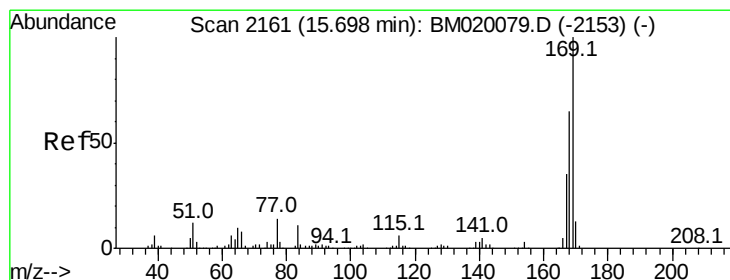
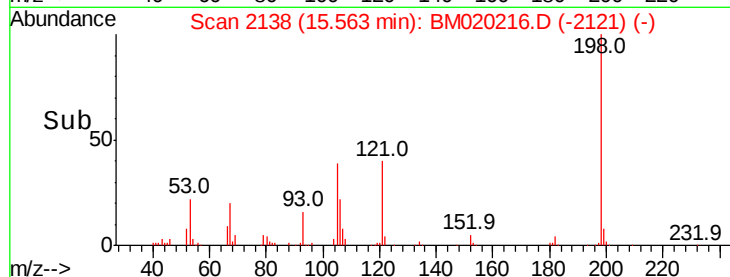
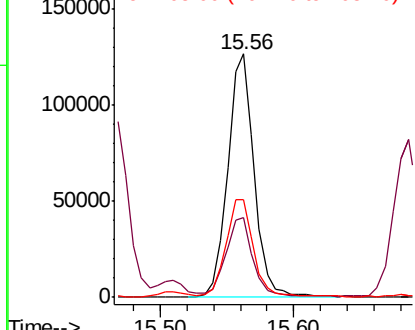
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.634 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:198 Resp: 175174
 Ion Ratio Lower Upper
 198 100
 51 32.6 16.5 56.5
 105 39.9 22.8 62.8

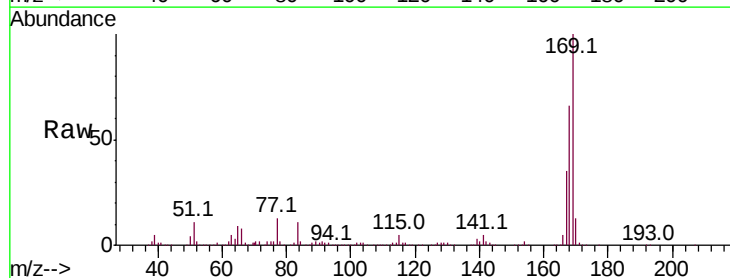


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

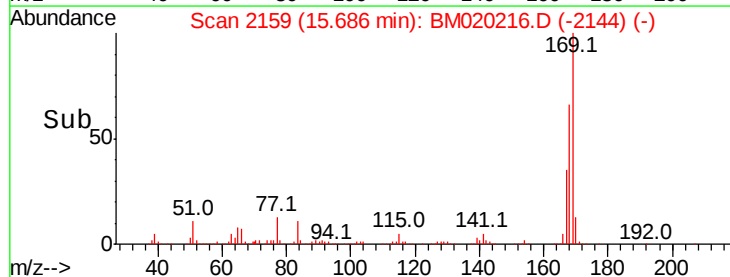
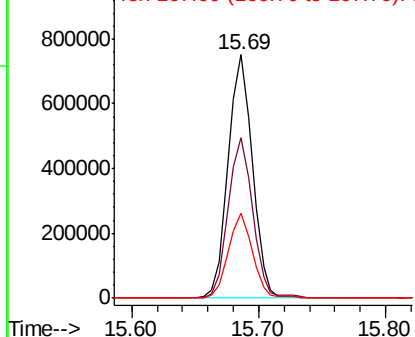


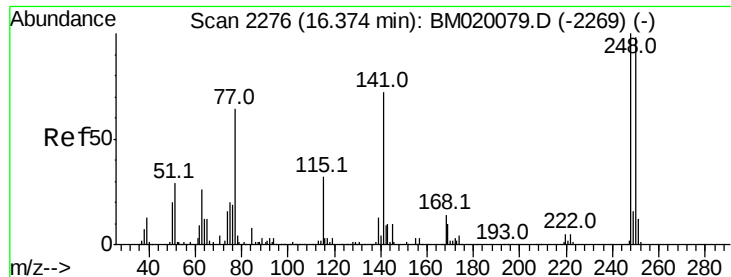
#66
 n-Nitrosodiphenylamine
 Concen: 47.422 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Tgt Ion:169 Resp: 993872
 Ion Ratio Lower Upper
 169 100
 168 65.6 51.9 77.9
 167 35.1 27.8 41.6



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

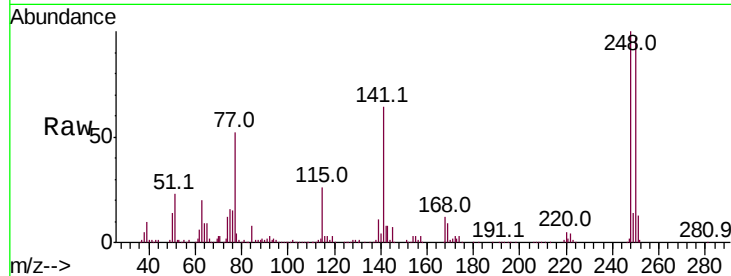




#67
 4-Bromophenyl-phenylether
 Concen: 45.730 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.4	117.6
141	64.2	57.4	86.2

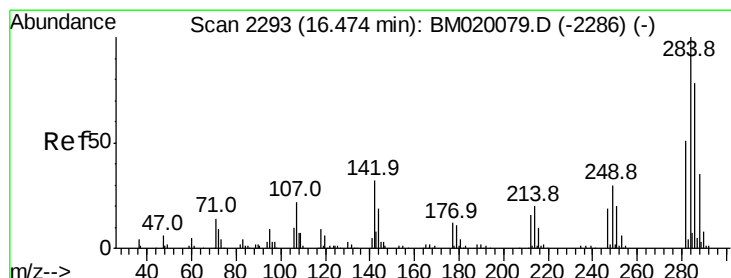
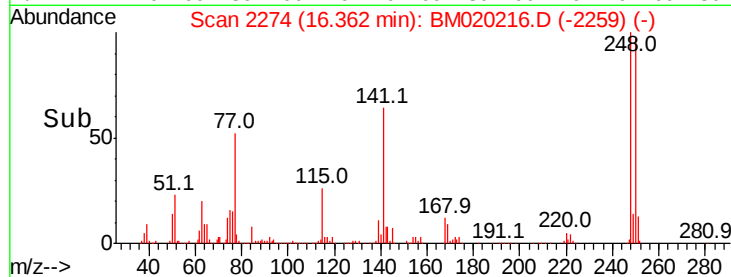
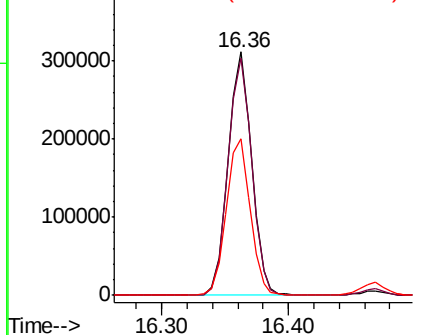


Abundance

Ion 248.00 (247.70 to 248.70): E

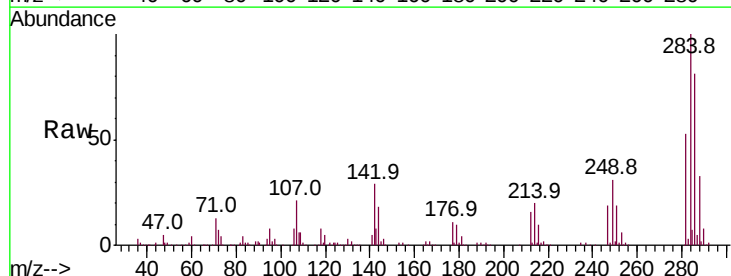
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.035 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	25.2	37.8
249	31.4	23.6	35.4

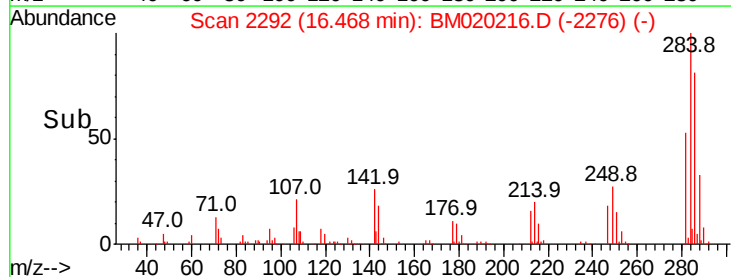
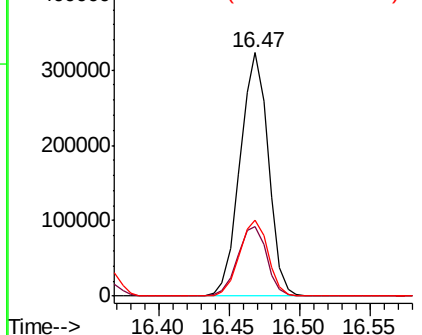


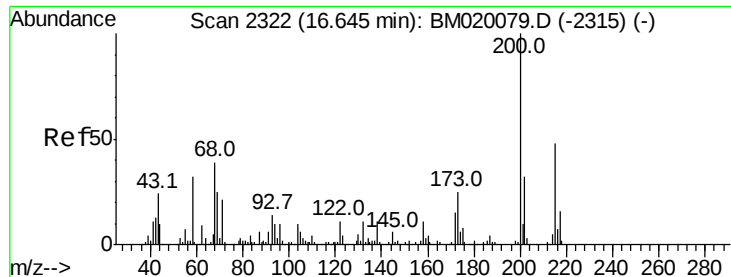
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.611 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

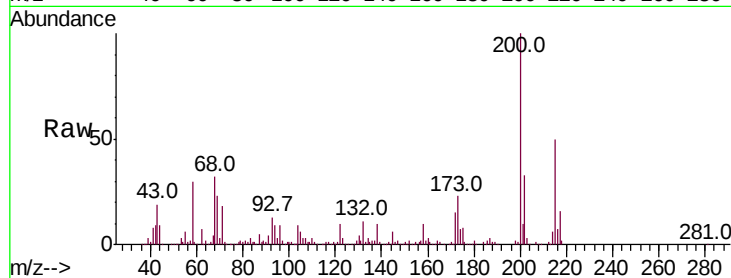
Instrument :

BNA_M

ClientSampleId :

Tot Ion:200 Resp: 373567

Ion	Ratio	Lower	Upper
200	100		
173	23.1	4.6	44.6
215	50.5	28.0	68.0

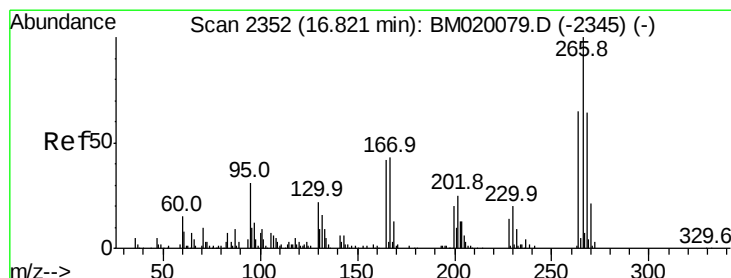
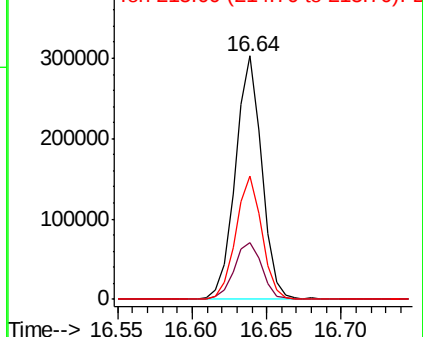
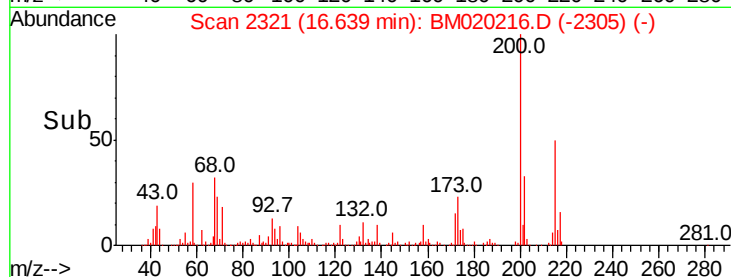


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.831 ng

RT: 16.82 min Scan# 2351

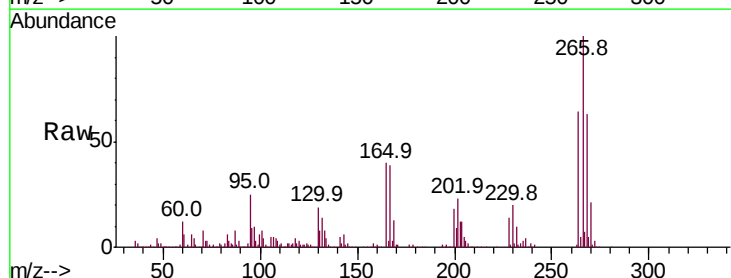
Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Tgt Ion:266 Resp: 499319

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.4	77.0
264	63.6	52.0	78.0

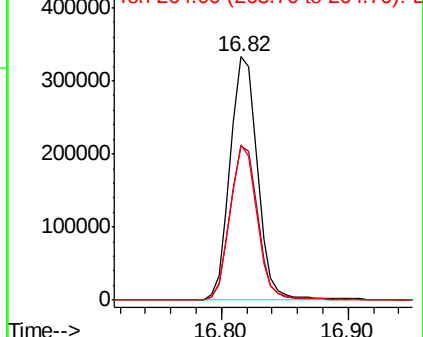
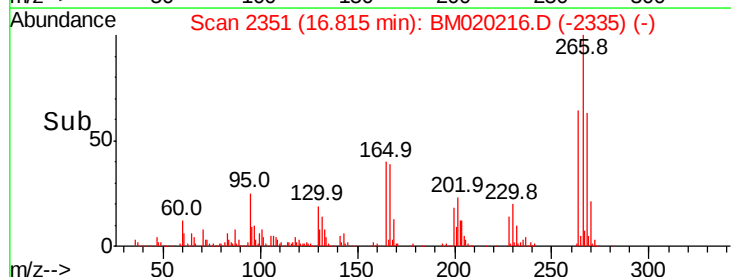


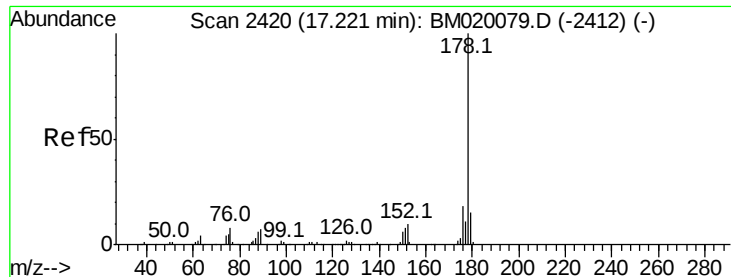
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

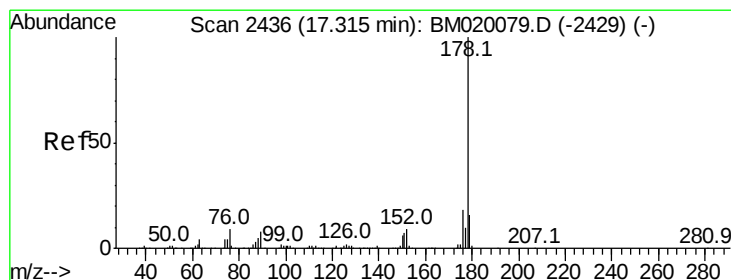
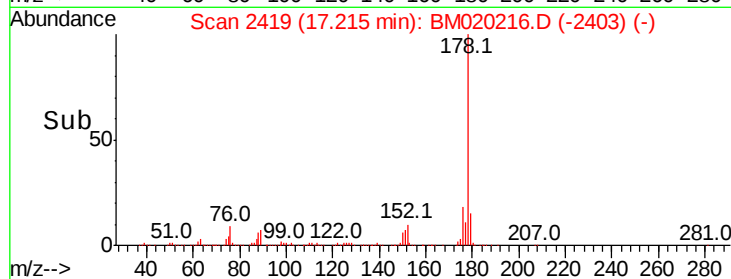
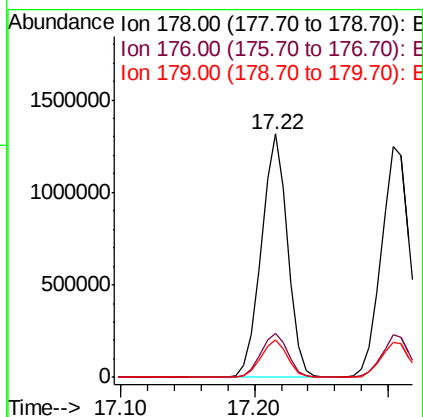
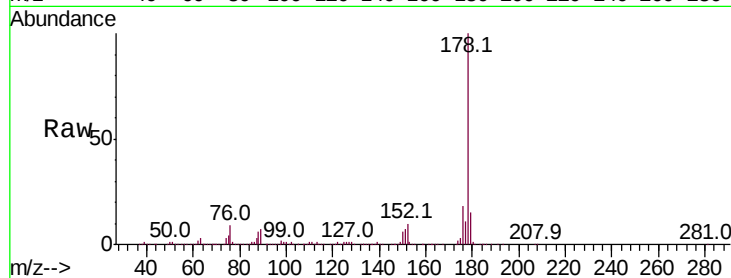




#71
Phenanthrene
Concen: 45.164 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

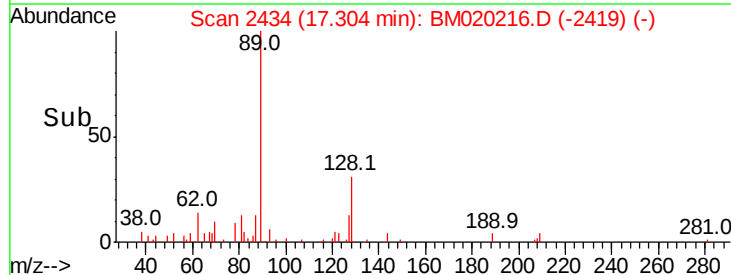
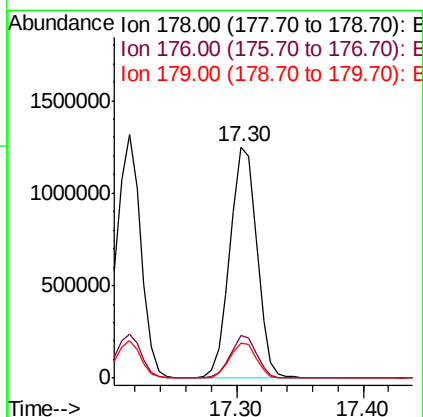
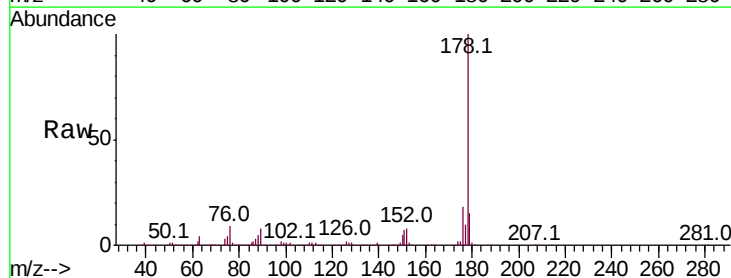
Instrument :
BNA_M
ClientSampleId :

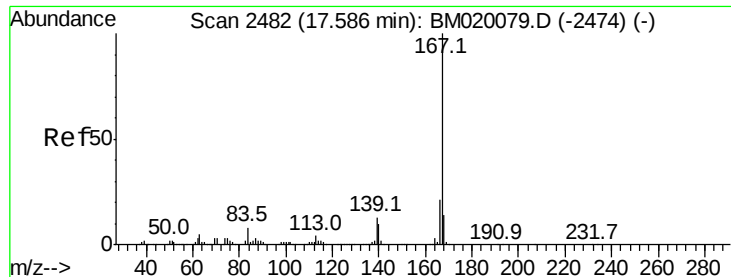
Tot Ion:178 Resp: 1775683
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.4 12.4 18.6



#72
Anthracene
Concen: 46.236 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:178 Resp: 1817484
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.4 12.4 18.6



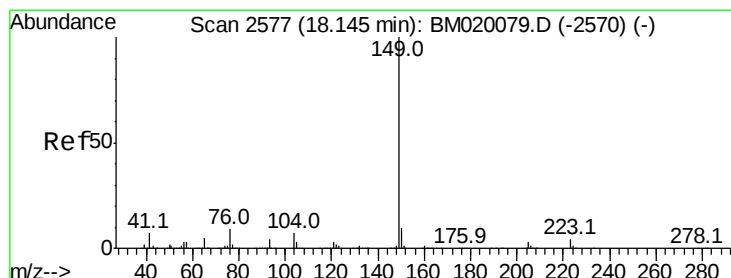
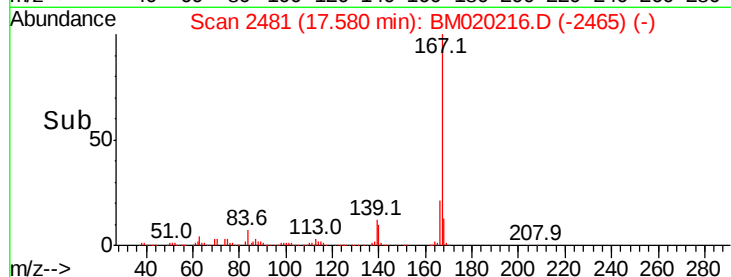
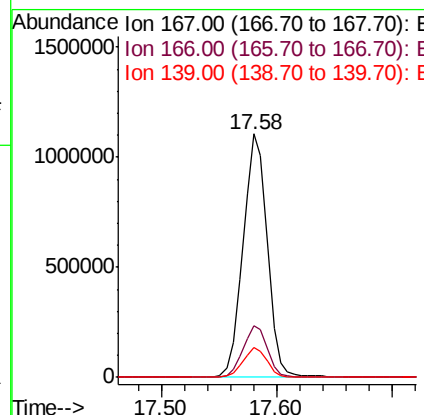
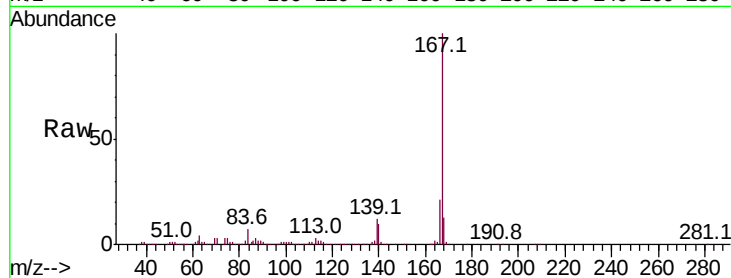


#73
 Carbazole
 Concen: 45.233 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1604370

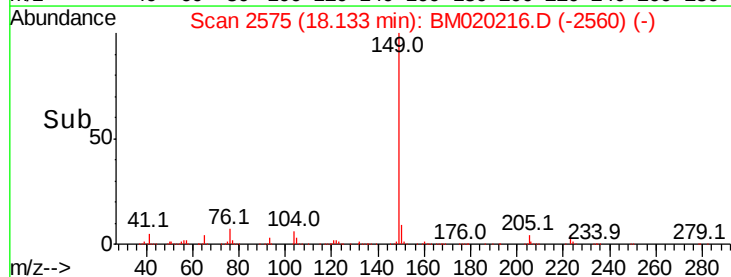
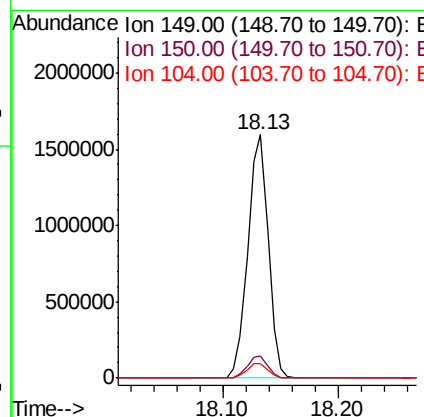
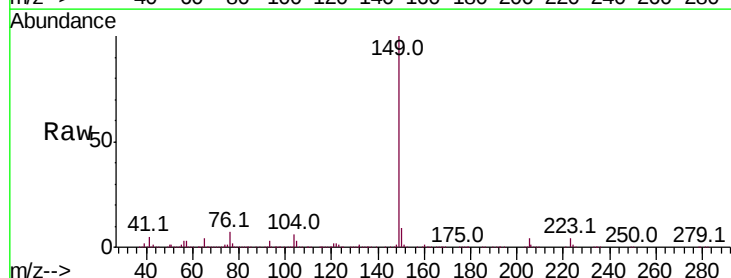
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.3	10.6	16.0

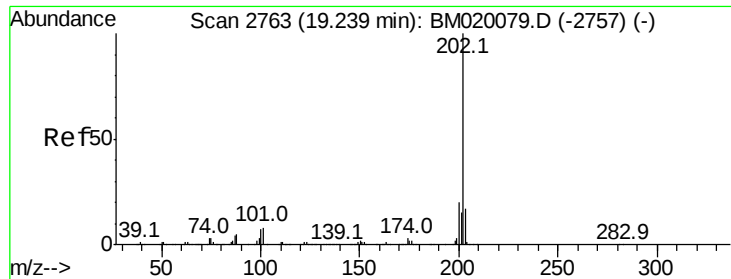


#74
 Di-n-butylphthalate
 Concen: 45.712 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BM020216.D
 Acq: 09 May 2019 14:27

Tgt Ion:149 Resp: 1951219

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	6.0	5.7	8.5





#75

Fluoranthene

Concen: 44.821 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

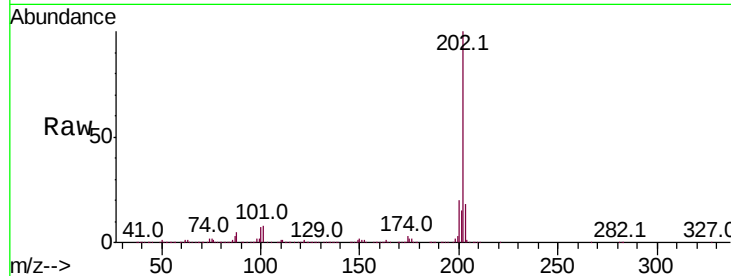
Tot Ion:202 Resp: 2229628

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.4

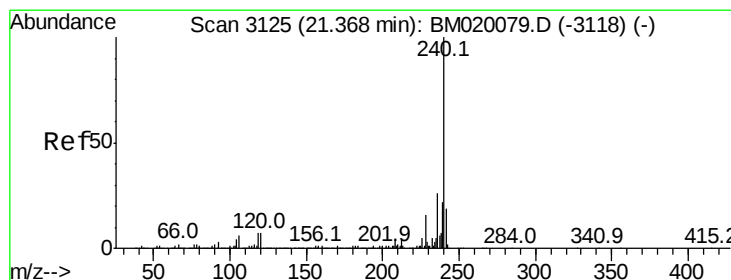
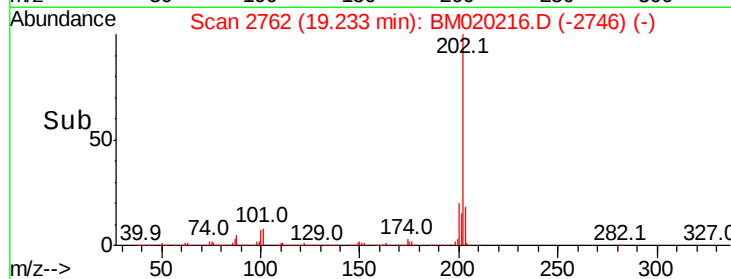
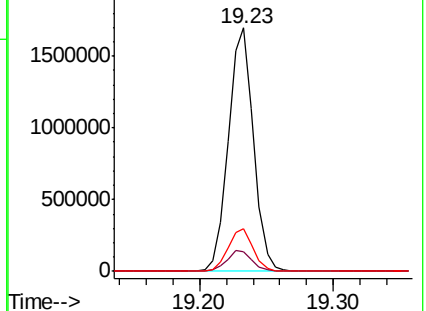
203 17.6 0.0 37.4



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: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

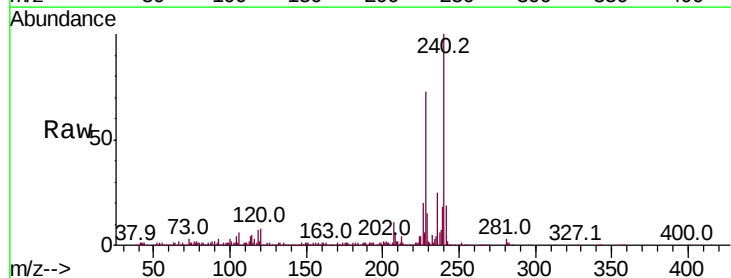
Tgt Ion:240 Resp: 728025

Ion Ratio Lower Upper

240 100

120 7.6 5.6 8.4

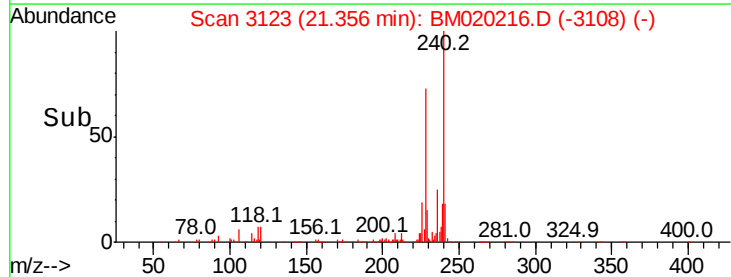
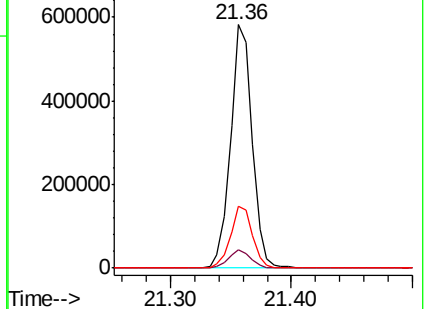
236 25.3 20.9 31.3

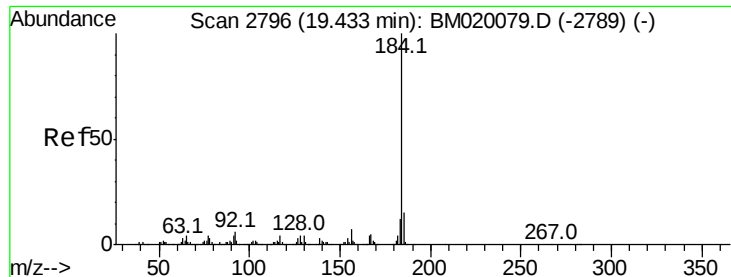


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.251 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

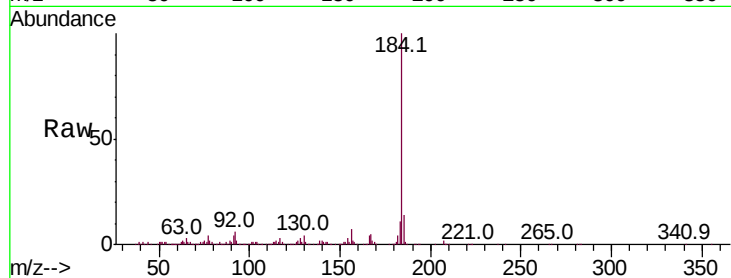
Tot Ion:184 Resp: 843760

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

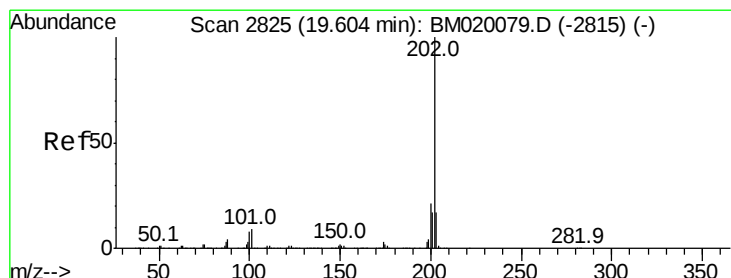
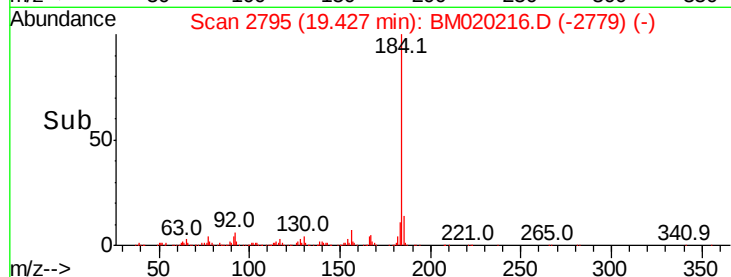
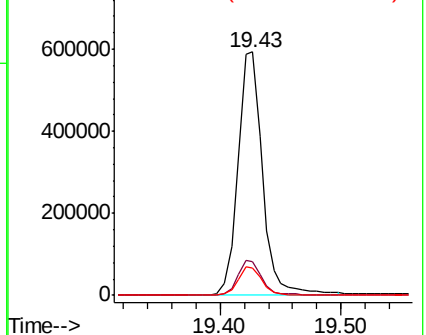
183 11.4 9.5 14.3



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: 46.254 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

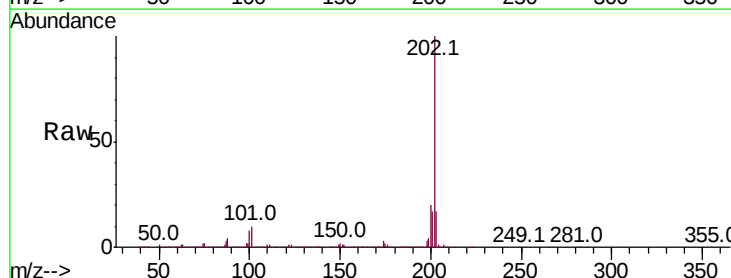
Tgt Ion:202 Resp: 2260836

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

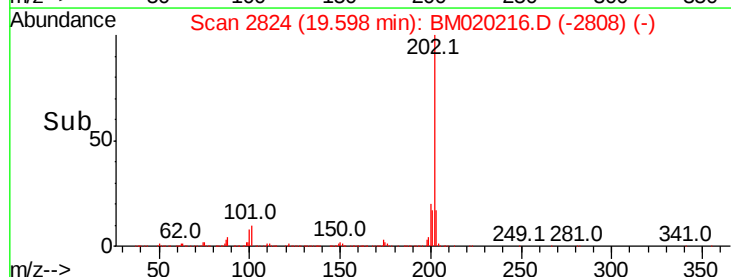
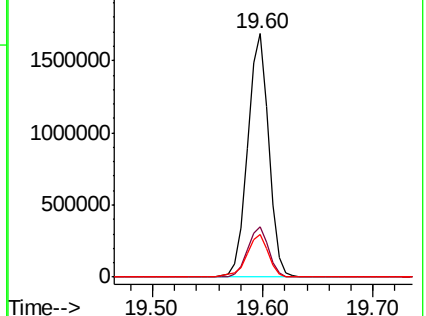
203 17.3 13.9 20.9

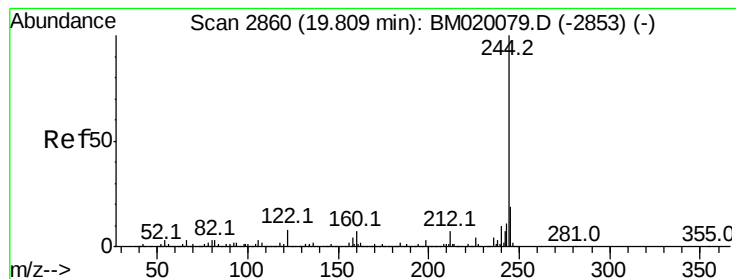


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.167 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampled :

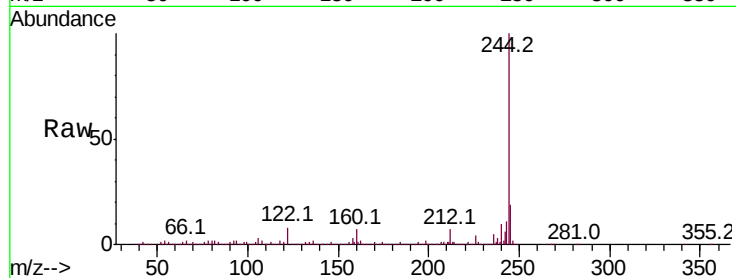
Tot Ion:244 Resp: 3972206

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

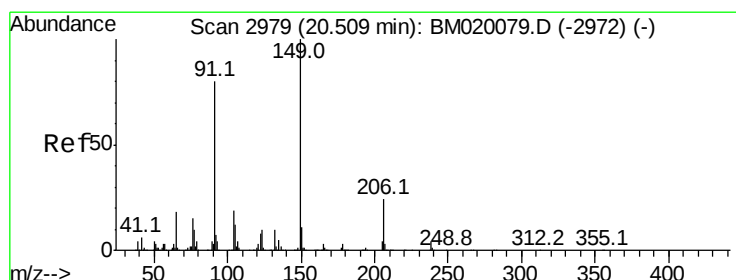
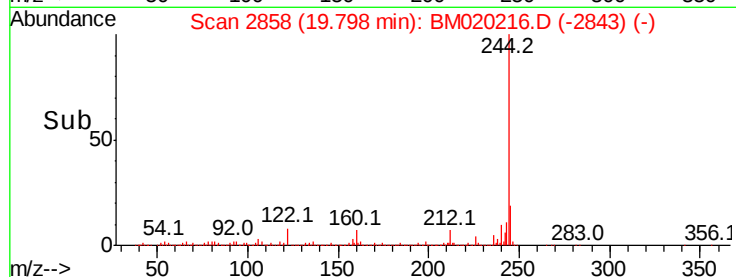
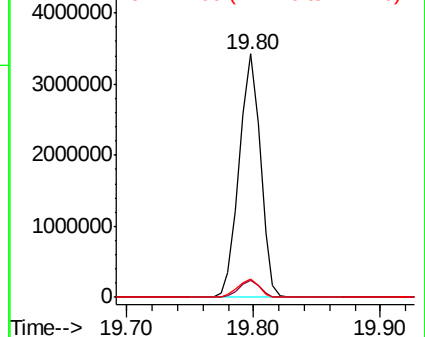
122 7.6 6.2 9.2



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: 51.284 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

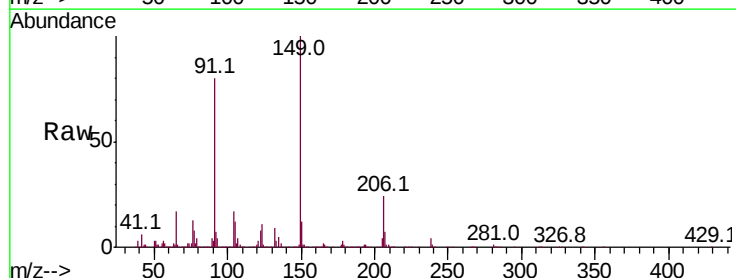
Tgt Ion:149 Resp: 911573

Ion Ratio Lower Upper

149 100

91 79.5 63.8 95.8

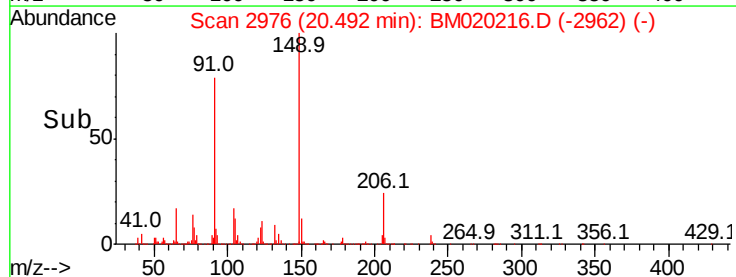
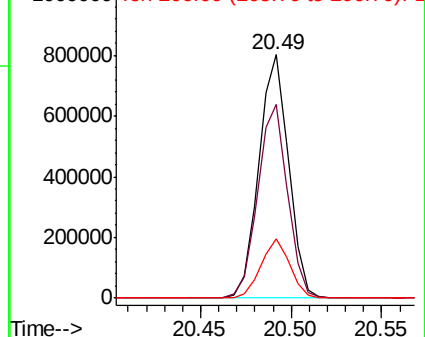
206 24.3 18.9 28.3

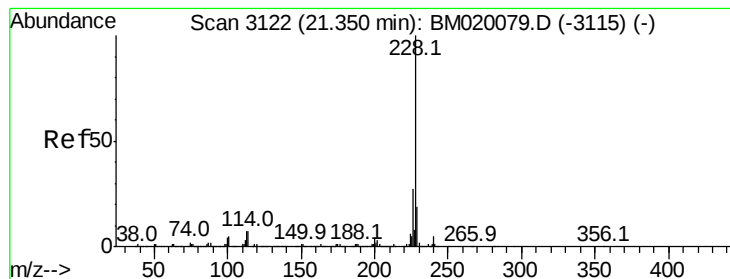


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.641 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

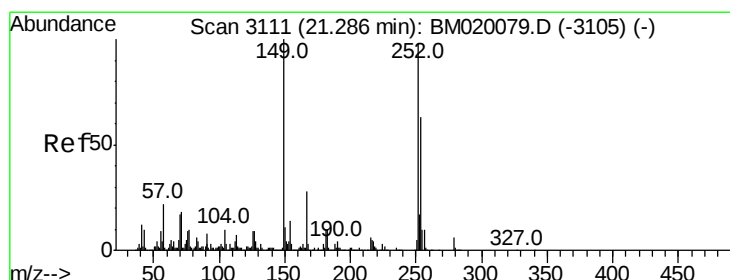
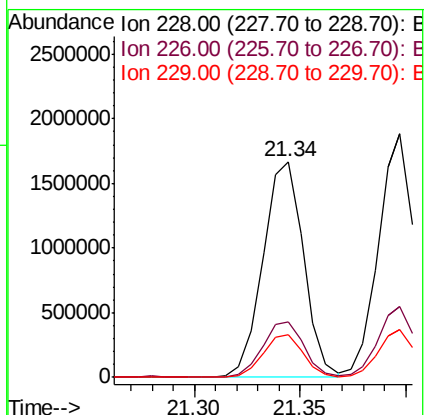
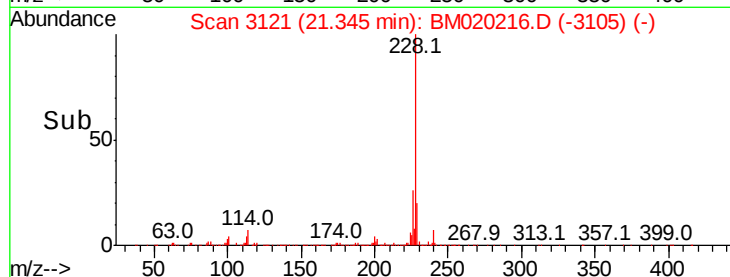
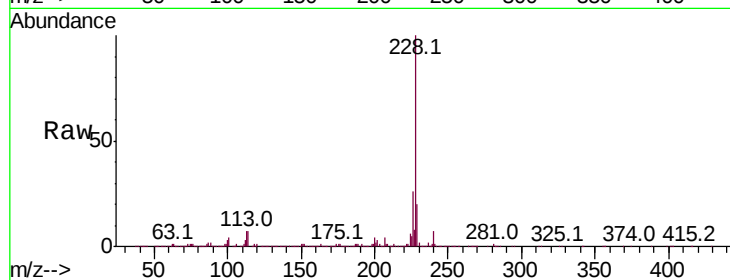
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 2228146

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.3	31.9
229	19.7	15.5	23.3



#82

3,3'-Dichlorobenzidine

Concen: 31.920 ng

RT: 21.28 min Scan# 3110

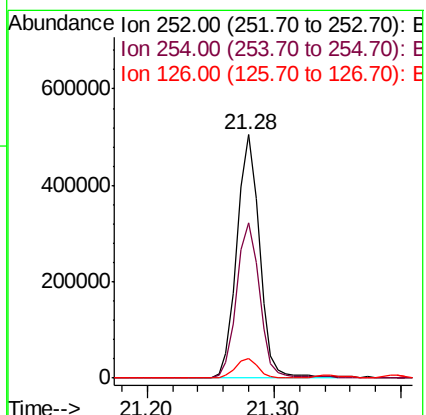
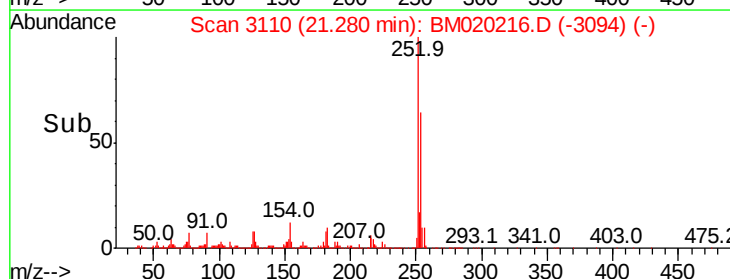
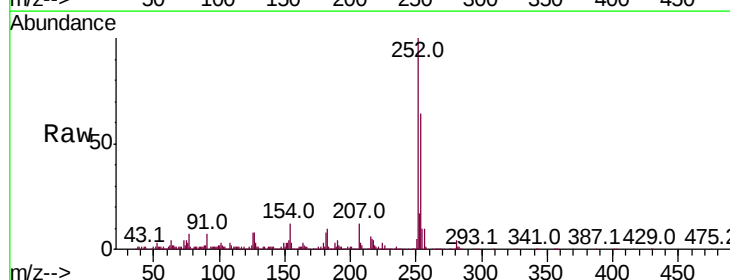
Delta R.T. -0.01 min

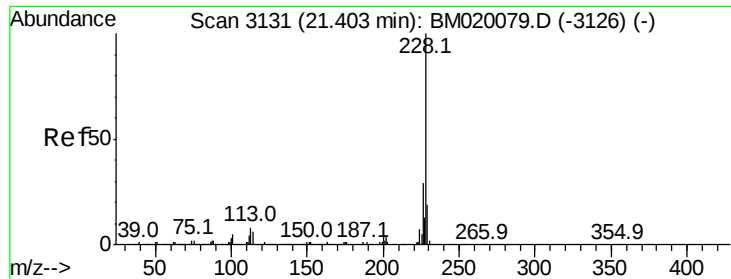
Lab File: BM020216.D

Acq: 09 May 2019 14:27

Tgt Ion:252 Resp: 622001

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.1	76.7
126	7.8	7.1	10.7





#83

Chrysene

Concen: 45.155 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

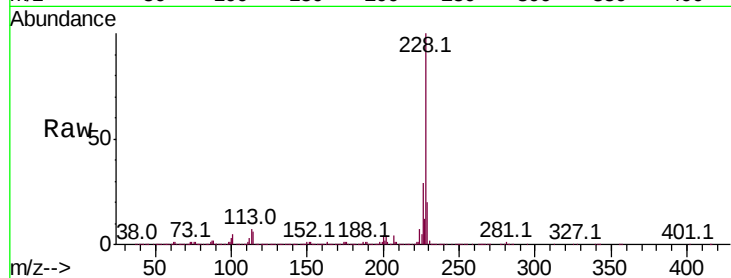
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 2235893

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	19.6	15.5	23.3

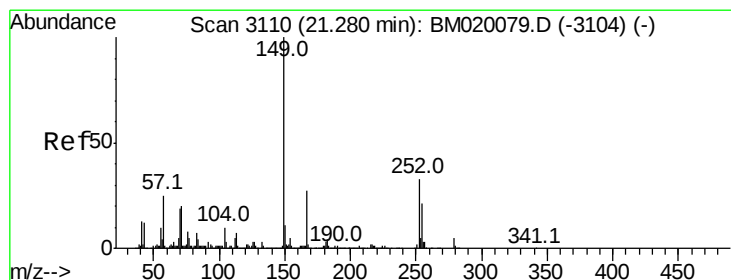
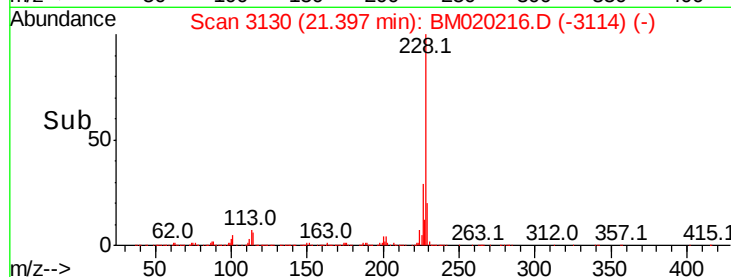
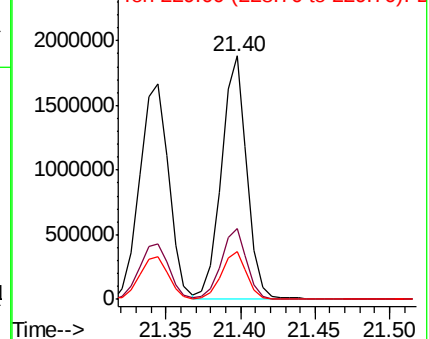


Abundance

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: 47.972 ng

RT: 21.26 min Scan# 3106

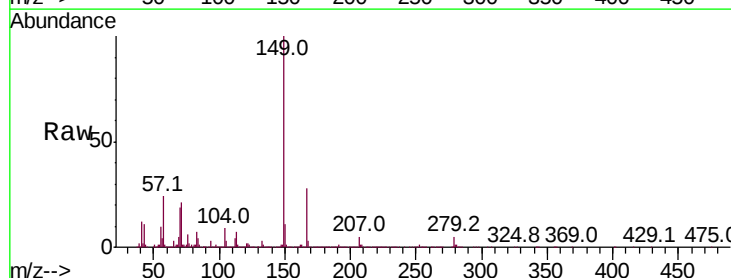
Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Tgt Ion:149 Resp: 1323169

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	5.1	4.2	6.2

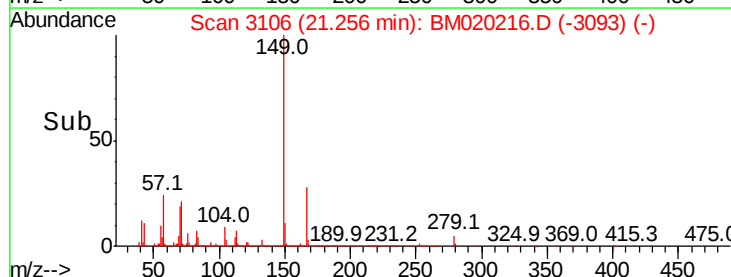
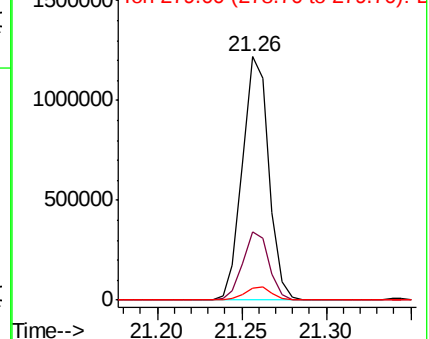


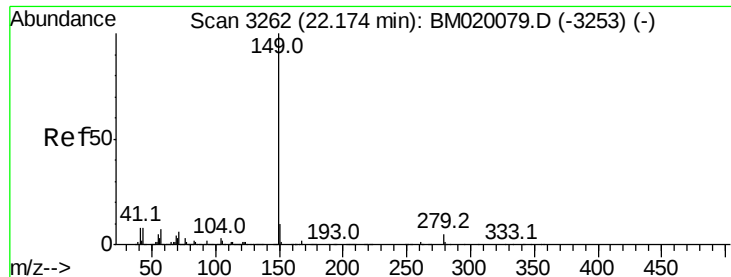
Abundance

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: 49.847 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

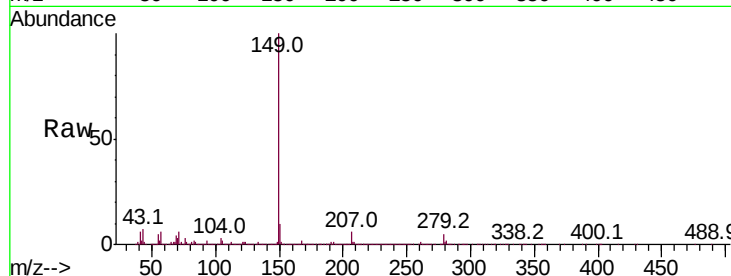
Tot Ion:149 Resp: 2285139

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

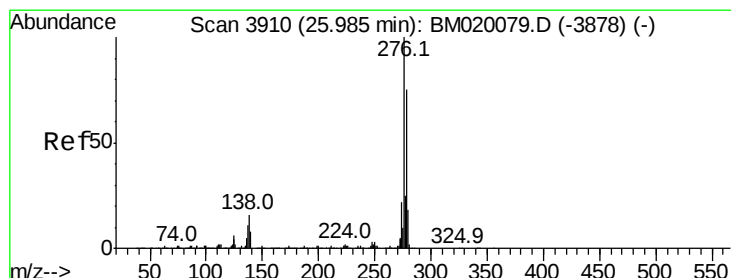
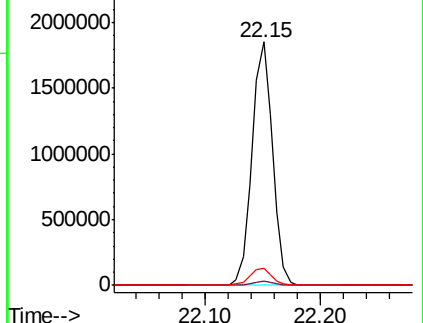
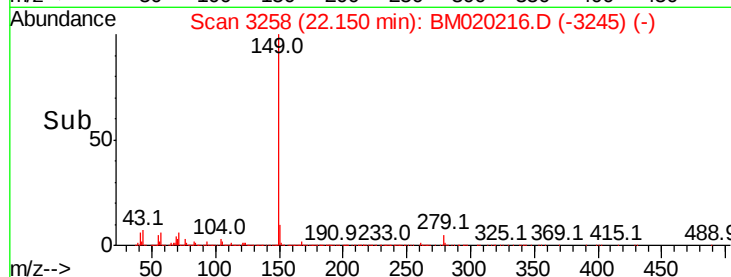
43 6.8 6.5 9.7



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.737 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

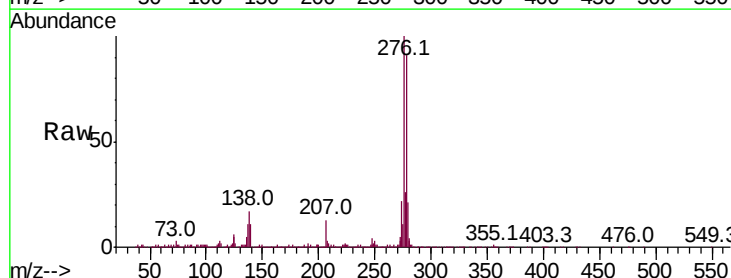
Tgt Ion:276 Resp: 2929408

Ion Ratio Lower Upper

276 100

138 16.5 0.0 0.0#

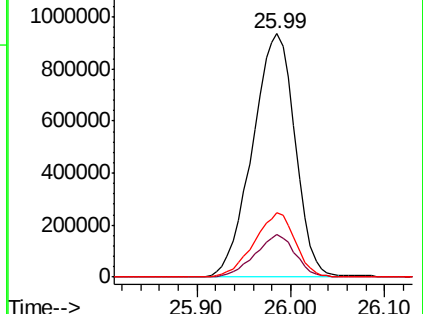
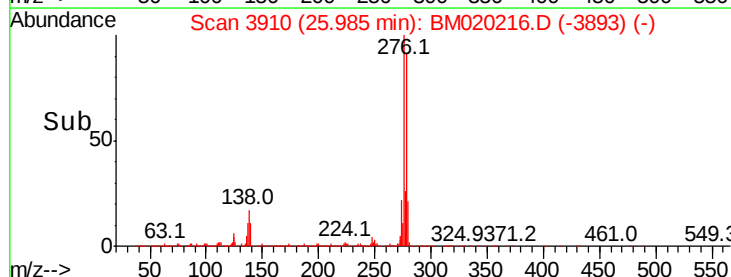
277 25.4 0.0 0.0#

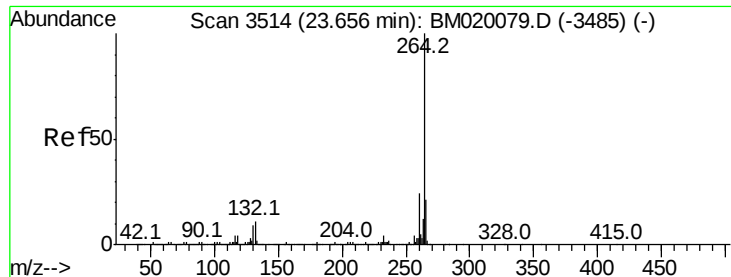


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampled :

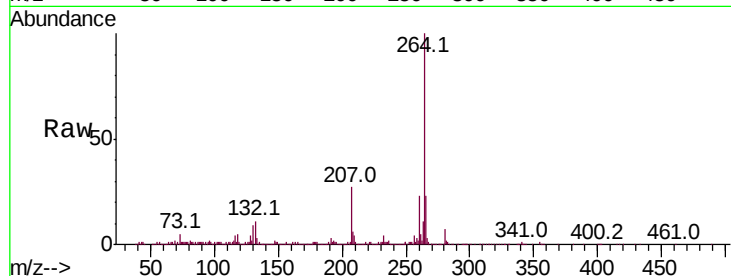
Tot Ion:264 Resp: 826203

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

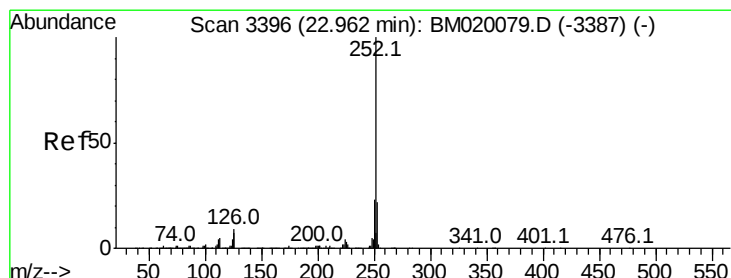
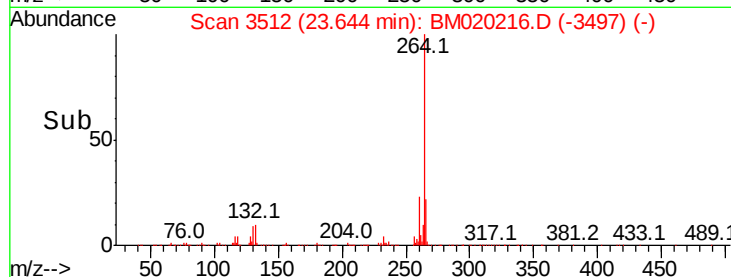
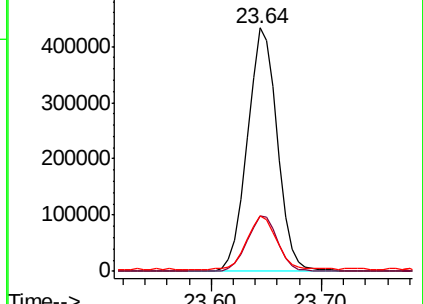
265 22.5 16.9 25.3



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



#88

Benzo(b)fluoranthene

Concen: 45.834 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

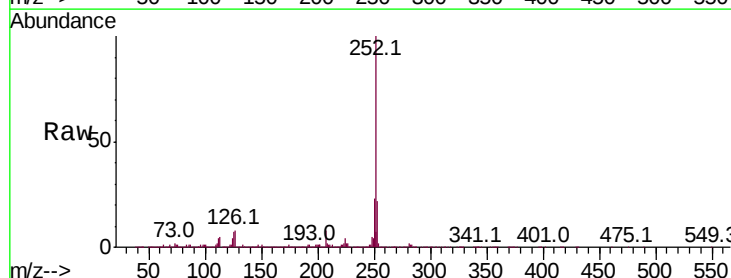
Tgt Ion:252 Resp: 2500627

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

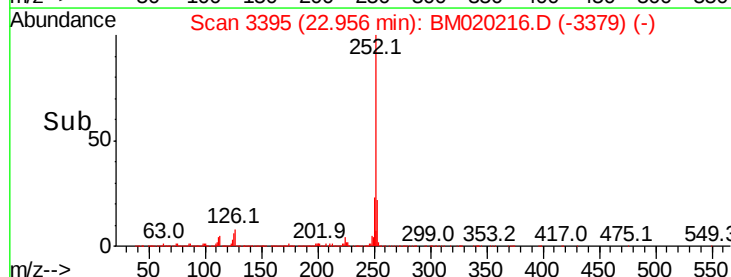
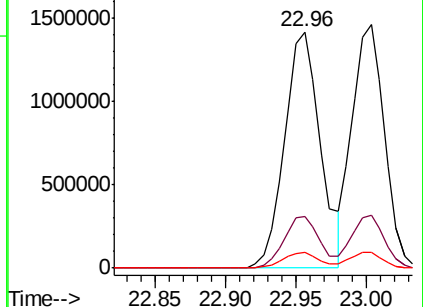
125 6.6 5.4 8.2

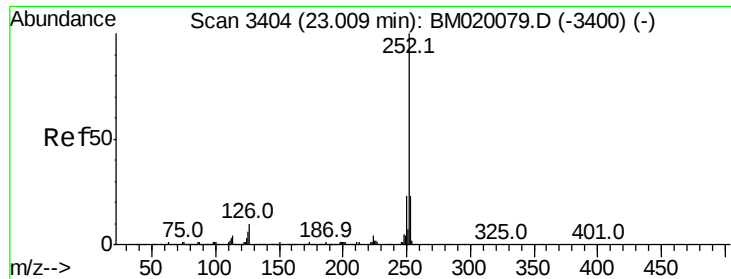


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

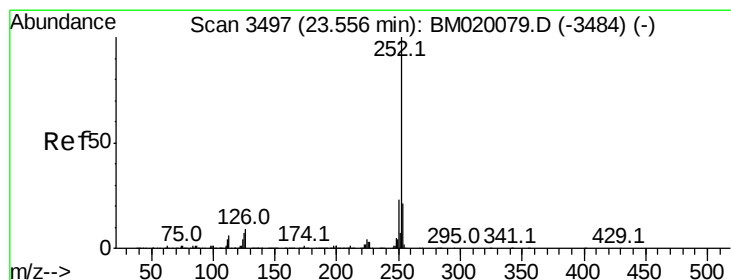
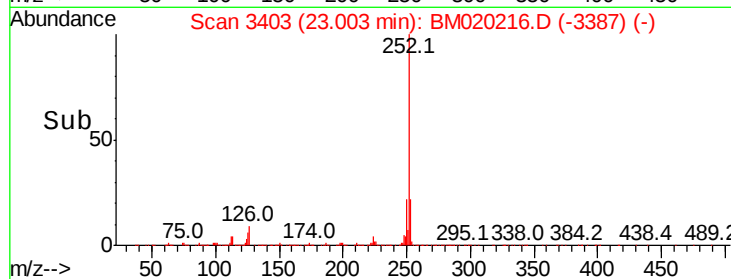
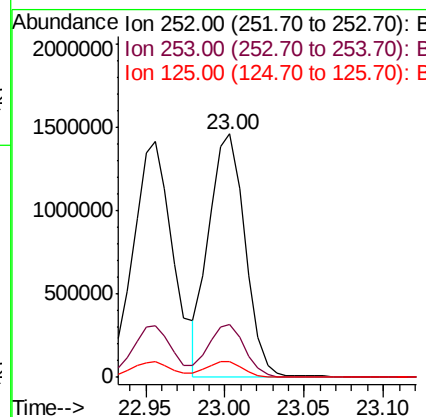
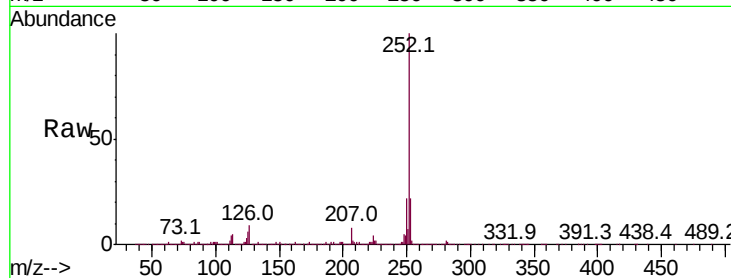




#89
Benzo(k)fluoranthene
Concen: 46.443 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

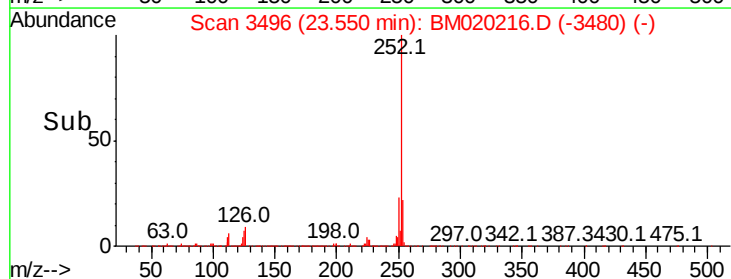
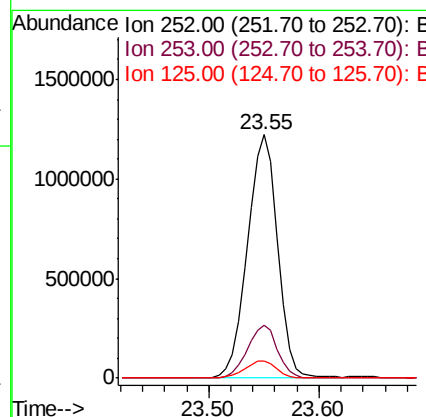
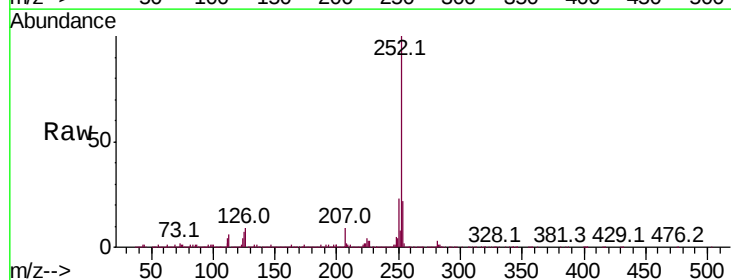
Instrument :
BNA_M
ClientSampleId :

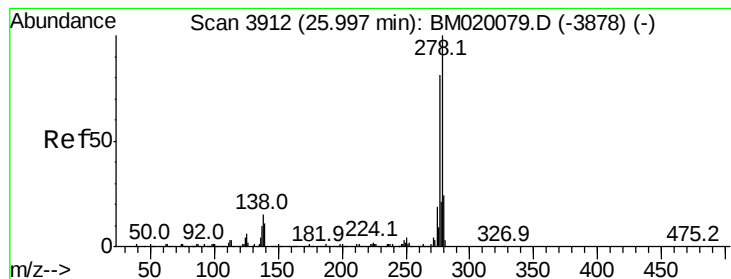
Tot Ion:252 Resp: 2311325
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 6.3 5.4 8.0



#90
Benzo(a)pyrene
Concen: 47.163 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020216.D
Acq: 09 May 2019 14:27

Tgt Ion:252 Resp: 2337227
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 7.1 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 48.678 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

Instrument :

BNA_M

ClientSampleId :

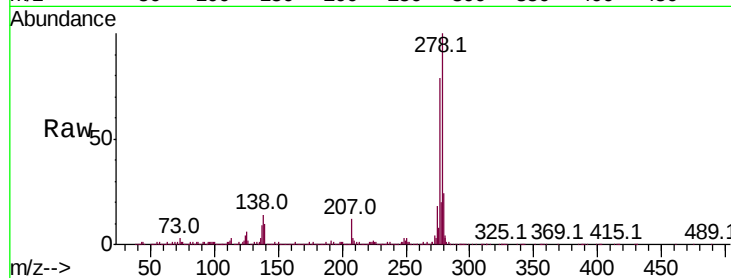
Tot Ion:278 Resp: 2508689

Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.6	13.0
279	23.9	18.8	28.2

278 100

139 10.4 8.6 13.0

279 23.9 18.8 28.2

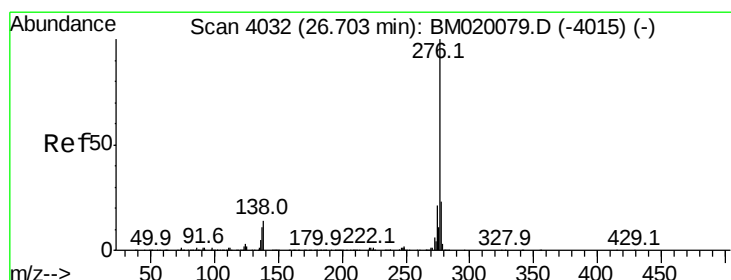
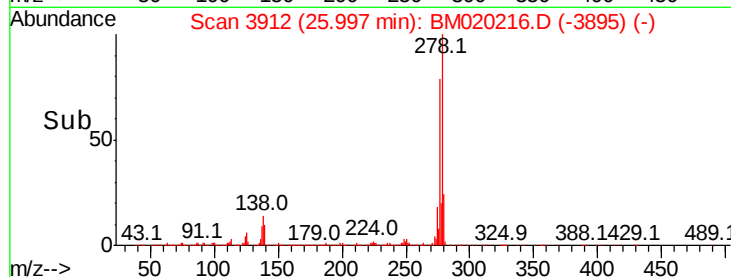
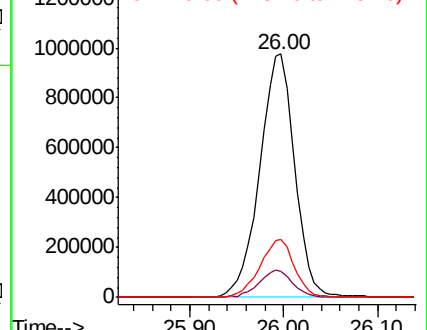


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.613 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.00 min

Lab File: BM020216.D

Acq: 09 May 2019 14:27

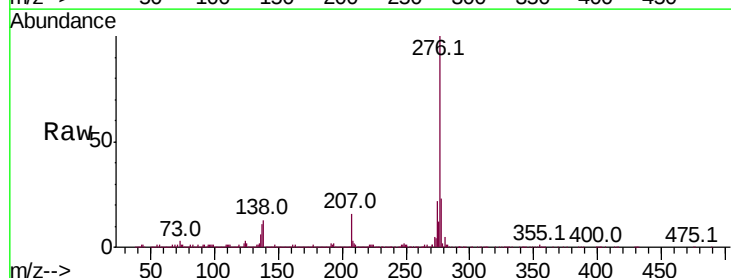
Tgt Ion:276 Resp: 2427518

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	13.2	11.1	16.7

276 100

277 23.2 18.4 27.6

138 13.2 11.1 16.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

