

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
 Data File : BM022226.D
 Acq On : 21 Aug 2019 13:16
 Operator : HP/JU
 Sample : K4237-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Quant Time: Aug 21 14:18:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	33285	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	126563	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	76018	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	140646	20.00	ng	0.00
76) Chrysene-d12	21.19	240	125762	20.00	ng	0.00
87) Perylene-d12	23.39	264	146941	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	195705	104.77	ng	0.00
7) Phenol-d6	6.76	99	258360	103.87	ng	0.00
23) Nitrobenzene-d5	8.73	82	189062	72.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	119049	96.76	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	431391	70.88	ng	0.00
79) Terphenyl-d14	19.63	244	555914	64.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	22673	28.971	ng	# 82
3) Pyridine	3.57	79	52645	26.553	ng	# 83
4) n-Nitrosodimethylamine	3.49	42	42279	35.594	ng	# 53
6) Aniline	6.92	93	46092	13.840	ng	# 93
8) 2-Chlorophenol	7.13	128	75532	33.963	ng	93
9) Benzaldehyde	6.74	77	37712	23.925	ng	87
10) Phenol	6.79	94	90427	34.339	ng	76
11) bis(2-Chloroethyl)ether	7.02	93	64257	30.846	ng	96
12) 1,3-Dichlorobenzene	7.45	146	83332	30.742	ng	# 92
13) 1,4-Dichlorobenzene	7.60	146	84362	30.655	ng	98
14) 1,2-Dichlorobenzene	7.91	146	81461	30.393	ng	98
15) Benzyl Alcohol	7.83	79	66398	30.366	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	85619	29.665	ng	98
17) 2-Methylphenol	8.02	107	61680	32.839	ng	# 90
18) Hexachloroethane	8.62	117	36115	30.228	ng	94
19) n-Nitroso-di-n-propylamine	8.38	70	57941	29.572	ng	# 88
20) 3+4-Methylphenols	8.35	107	80092	31.574	ng	92
22) Acetophenone	8.40	105	112833	34.752	ng	# 90
24) Nitrobenzene	8.78	77	93985	35.277	ng	93
25) Isophorone	9.30	82	154105	33.370	ng	# 97
26) 2-Nitrophenol	9.48	139	39147	34.689	ng	# 68
27) 2,4-Dimethylphenol	9.53	122	65509	38.511	ng	88
28) bis(2-Chloroethoxy)methane	9.77	93	91816	33.607	ng	98
29) 2,4-Dichlorophenol	10.00	162	73037	35.581	ng	99
30) 1,2,4-Trichlorobenzene	10.20	180	84967	33.604	ng	98
31) Naphthalene	10.39	128	224262	34.117	ng	100
33) 4-Chloroaniline	10.54	127	16195	5.887	ng	# 95
34) Hexachlorobutadiene	10.65	225	72695	33.508	ng	98
35) Caprolactam	11.36	113	11104	20.124	ng	93
36) 4-Chloro-3-methylphenol	11.66	107	72665	33.490	ng	96
37) 2-Methylnaphthalene	12.01	142	161094	33.529	ng	# 92
38) 1-Methylnaphthalene	12.23	142	152627	33.257	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	109466	36.788	ng	99
41) Hexachlorocyclopentadiene	12.34	237	103752	62.196	ng	98

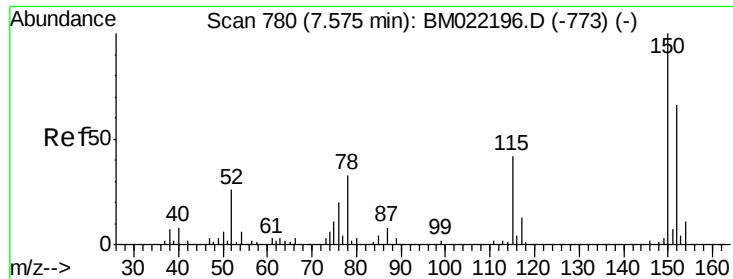
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
 Data File : BM022226.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.64	196	62834	35.226	ng	98
44) 2,4,5-Trichlorophenol	12.72	196	63009	34.800	ng #	92
46) 1,1'-Biphenyl	13.04	154	209253	35.002	ng	98
47) 2-Chloronaphthalene	13.09	162	163726	33.277	ng	95
48) 2-Nitroaniline	13.33	65	48176	30.978	ng #	81
49) Acenaphthylene	13.94	152	257359	34.102	ng	99
50) Dimethylphthalate	13.70	163	300148	46.963	ng	100
51) 2,6-Dinitrotoluene	13.83	165	42420	33.609	ng #	56
52) Acenaphthene	14.29	154	146302	33.243	ng	98
53) 3-Nitroaniline	14.17	138	22352	17.783	ng	99
54) 2,4-Dinitrophenol	14.40	184	8908	16.663	ng #	65
55) Dibenzofuran	14.63	168	244081	33.376	ng #	89
56) 4-Nitrophenol	14.49	139	58072	69.321	ng #	51
57) 2,4-Dinitrotoluene	14.64	165	57354	31.653	ng #	59
58) Fluorene	15.28	166	190282	30.864	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	59559	32.993	ng #	93
60) Diethylphthalate	15.07	149	215496	31.974	ng	96
61) 4-Chlorophenyl-phenylether	15.28	204	121029	31.149	ng	95
62) 4-Nitroaniline	15.34	138	32741	28.144	ng #	50
63) Azobenzene	15.57	77	212910	32.783	ng	83
65) 4,6-Dinitro-2-methylphenol	15.40	198	23486	28.653	ng	86
66) n-Nitrosodiphenylamine	15.50	169	158138	35.066	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	71575	34.342	ng #	91
68) Hexachlorobenzene	16.28	284	76089	32.135	ng #	84
69) Atrazine	16.47	200	59429	39.795	ng	97
70) Pentachlorophenol	16.64	266	69732	60.532	ng	99
71) Phenanthrene	17.03	178	267355	32.779	ng	98
72) Anthracene	17.12	178	272560	33.664	ng	99
73) Carbazole	17.41	167	217584	32.206	ng #	97
74) Di-n-butylphthalate	17.96	149	319676	31.186	ng #	97
75) Fluoranthene	19.06	202	303152	30.822	ng	98
77) Benzidine	19.27	184	94149	33.377	ng	99
78) Pyrene	19.42	202	302812	34.208	ng	99
80) Butylbenzylphthalate	20.33	149	126203	31.875	ng #	82
81) Benzo(a)anthracene	21.18	228	287813	32.542	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	88816	28.802	ng	99
83) Chrysene	21.23	228	281792	33.005	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	189161	31.768	ng #	91
85) Di-n-octyl phthalate	21.97	149	302059	31.341	ng #	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	391338	40.920	ng	96
88) Benzo(b)fluoranthene	22.78	252	287043	29.256	ng	99
89) Benzo(k)fluoranthene	22.78	252	294655	30.723	ng	99
90) Benzo(a)pyrene	23.30	252	298667	33.425	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	328566	34.606	ng #	98
92) Benzo(g,h,i)perylene	26.26	276	307057	36.992	ng	96

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

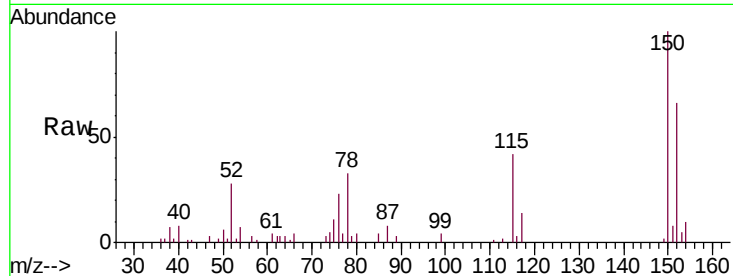


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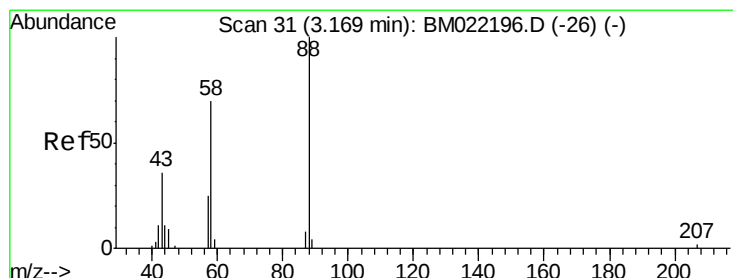
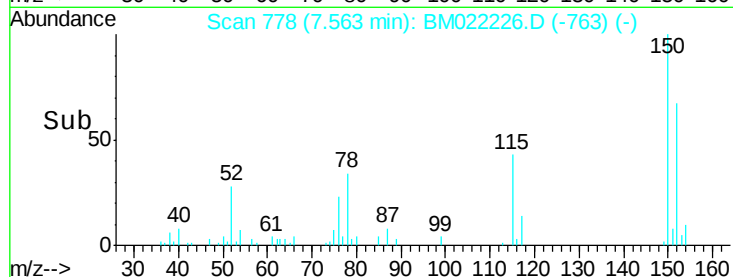
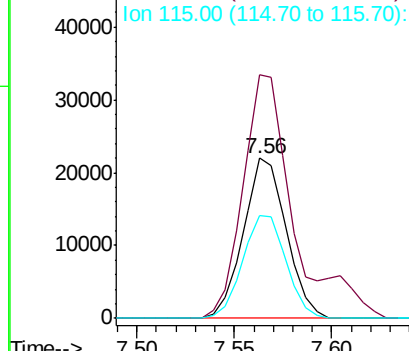
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tgt Ion:152 Resp: 33285
Ion Ratio Lower Upper
152 100
150 151.9 123.1 184.7
115 63.8 44.2 66.4



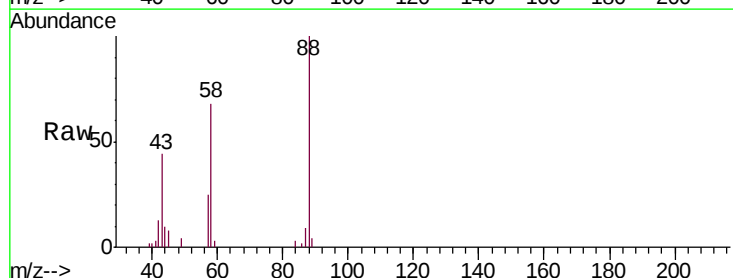
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



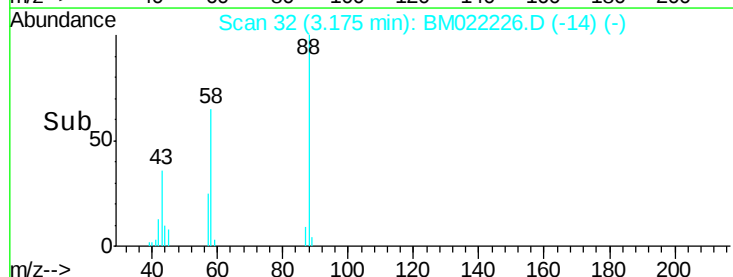
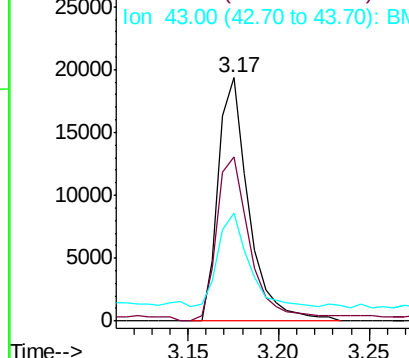
#2

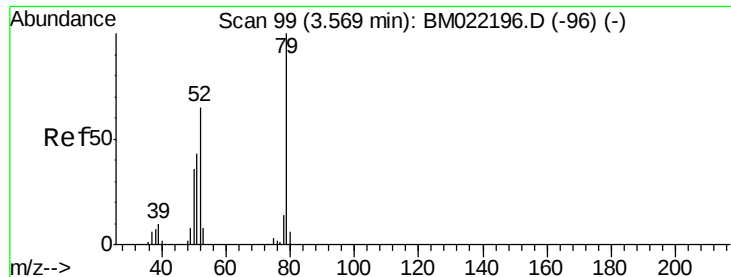
1,4-Dioxane
Concen: 28.971 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion: 88 Resp: 22673
Ion Ratio Lower Upper
88 100
58 75.8 51.9 77.9
43 40.7 21.4 32.2#



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

Pyridine

Concen: 26.553 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

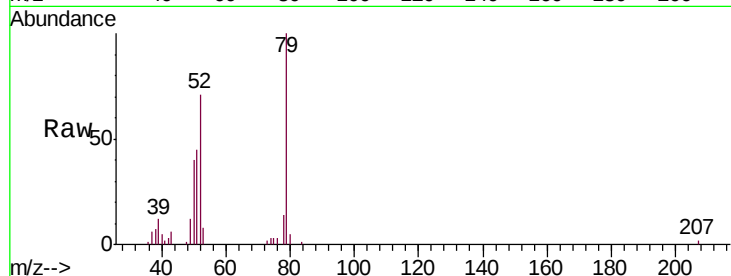
Tgt Ion: 79 Resp: 52645

Ion Ratio Lower Upper

79 100

52 70.9 48.8 73.2

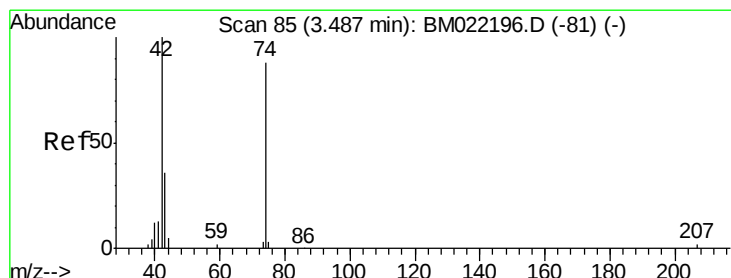
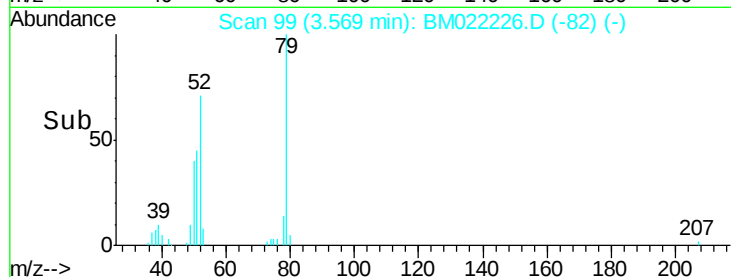
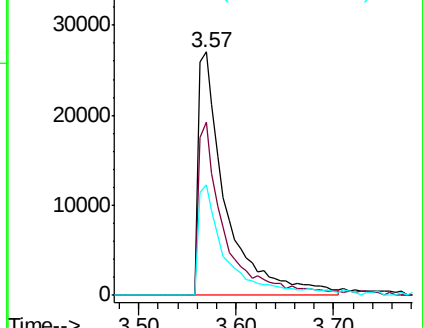
51 45.4 25.7 38.5#



Abundance Ion 79.00 (78.70 to 79.70): BM022226.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM022226.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM022226.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 35.594 ng

RT: 3.49 min Scan# 85

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

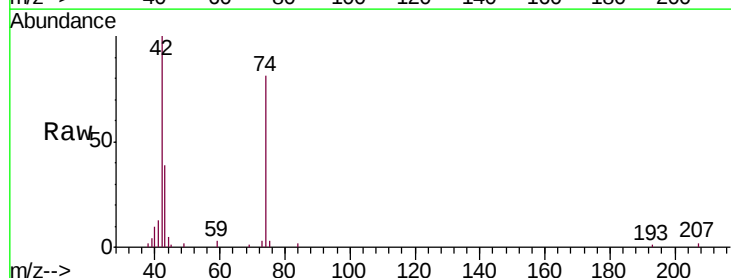
Tgt Ion: 42 Resp: 42279

Ion Ratio Lower Upper

42 100

74 81.5 113.8 170.6#

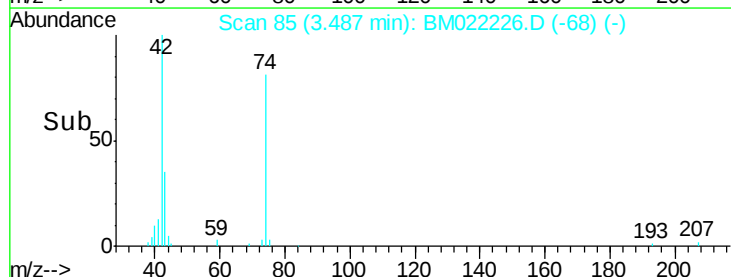
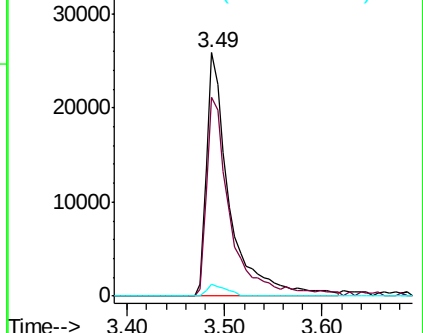
44 5.1 8.2 12.2#

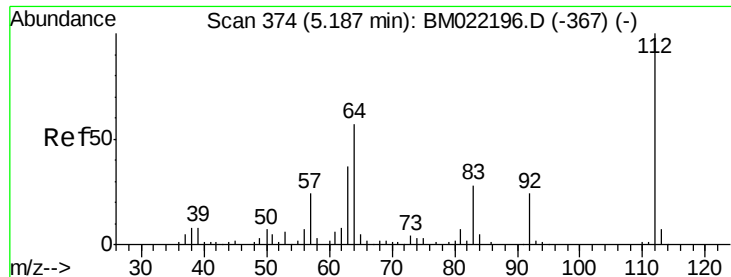


Abundance Ion 42.00 (41.70 to 42.70): BM022226.D (-81) (-)

Ion 74.00 (73.70 to 74.70): BM022226.D (-81) (-)

Ion 44.00 (43.70 to 44.70): BM022226.D (-81) (-)





#5

2-Fluorophenol

Concen: 104.774 ng

RT: 5.18 min Scan# 373

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

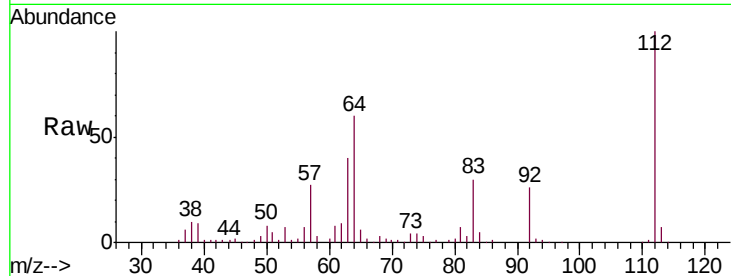
Tgt Ion: 112 Resp: 195705

Ion Ratio Lower Upper

112 100

64 59.9 45.2 67.8

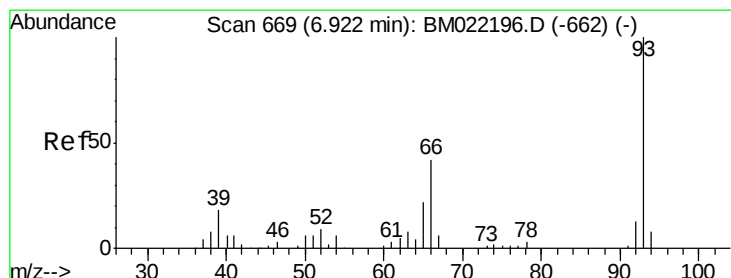
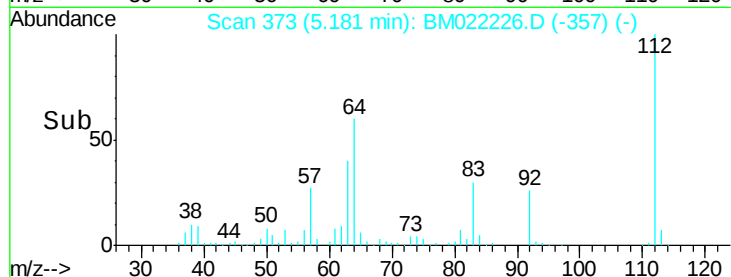
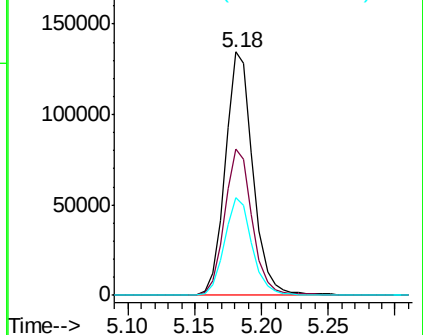
63 40.1 23.5 35.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 13.840 ng

RT: 6.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

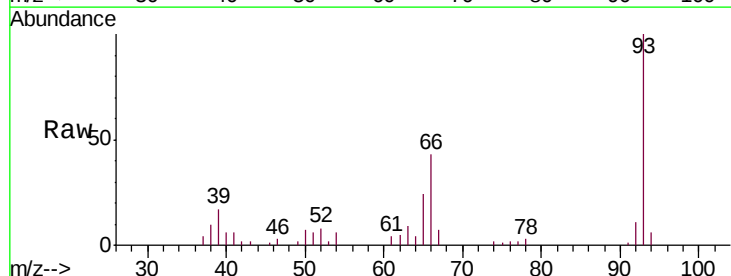
Tgt Ion: 93 Resp: 46092

Ion Ratio Lower Upper

93 100

66 43.0 31.3 46.9

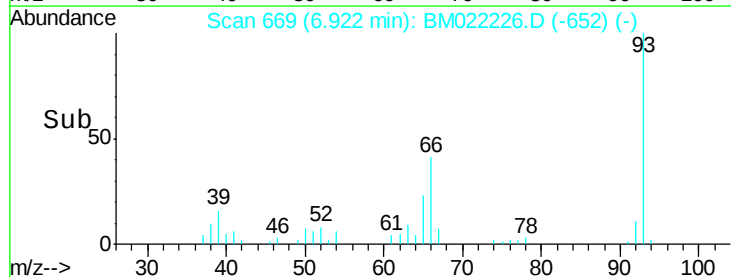
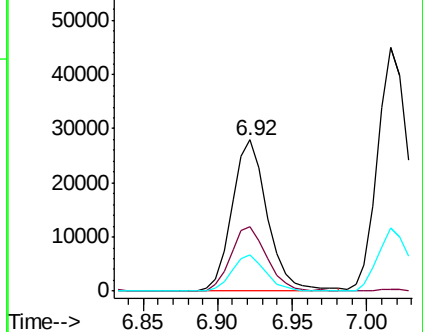
65 24.1 15.9 23.9#

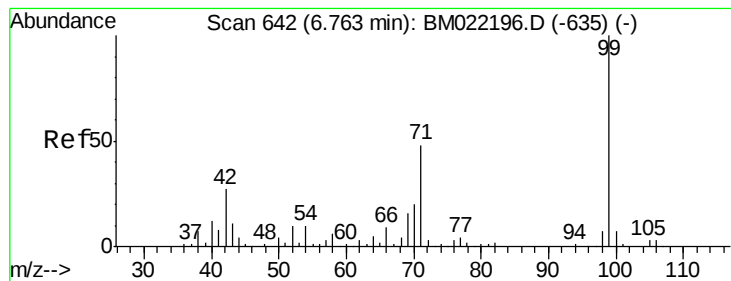


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 103.867 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

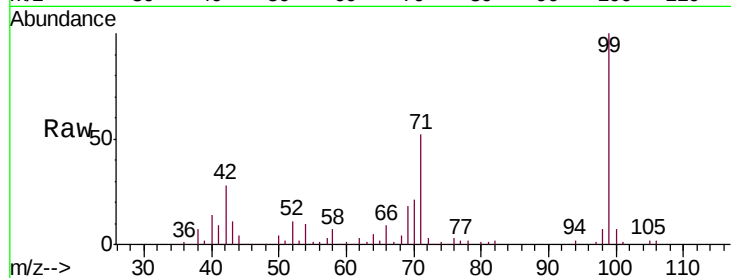
Tgt Ion: 99 Resp: 258360

Ion Ratio Lower Upper

99 100

42 27.9 13.5 20.3#

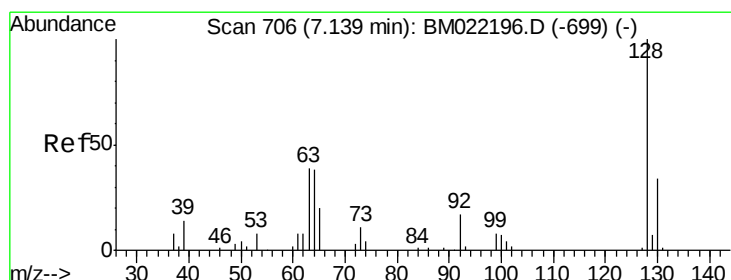
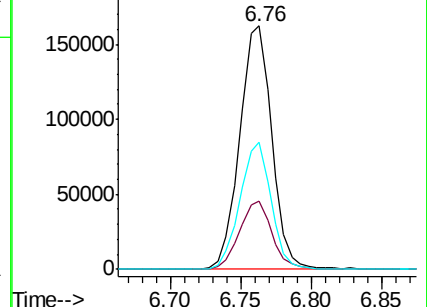
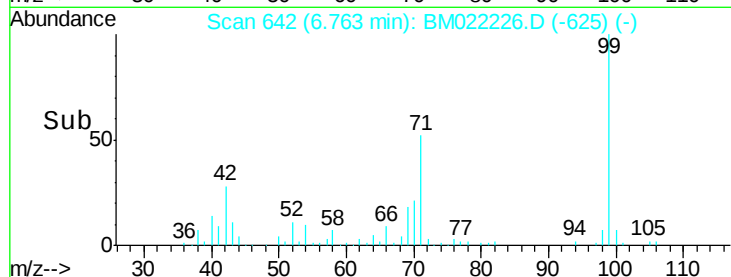
71 52.3 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022226.D (-625) (-)

Ion 42.00 (41.70 to 42.70): BM022226.D (-625) (-)

Ion 71.00 (70.70 to 71.70): BM022226.D (-625) (-)



#8

2-Chlorophenol

Concen: 33.963 ng

RT: 7.13 min Scan# 705

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

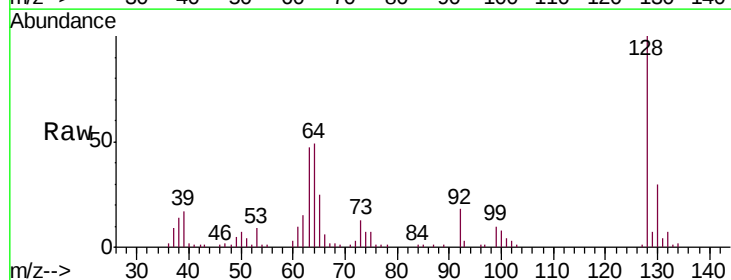
Tgt Ion: 128 Resp: 75532

Ion Ratio Lower Upper

128 100

130 30.2 12.2 52.2

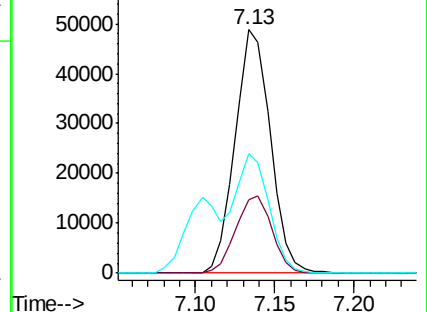
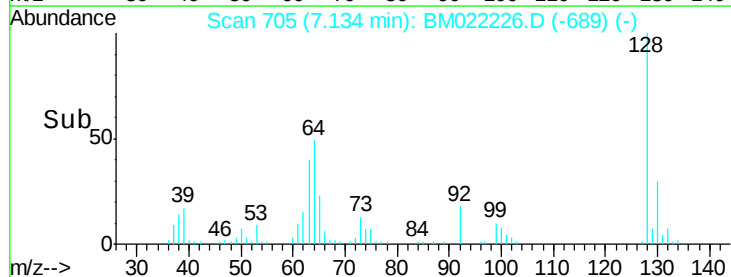
64 48.9 23.2 63.2

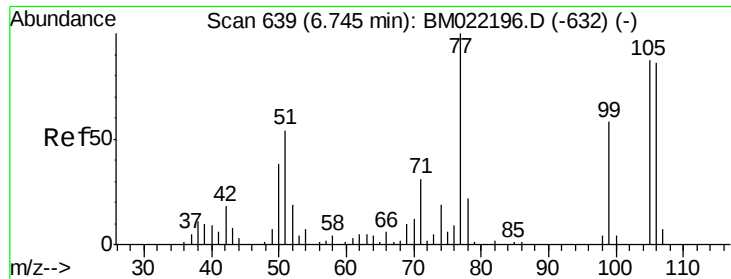


Abundance Ion 128.00 (127.70 to 128.70): BM022226.D (-689) (-)

Ion 130.00 (129.70 to 130.70): BM022226.D (-689) (-)

Ion 64.00 (63.70 to 64.70): BM022226.D (-689) (-)





#9

Benzaldehyde

Concen: 23.925 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

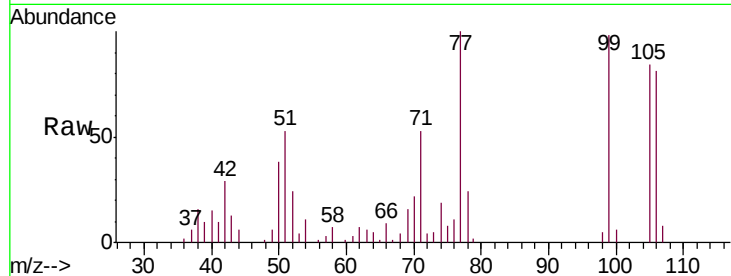
Tgt Ion: 77 Resp: 37712

Ion Ratio Lower Upper

77 100

105 83.9 77.8 117.8

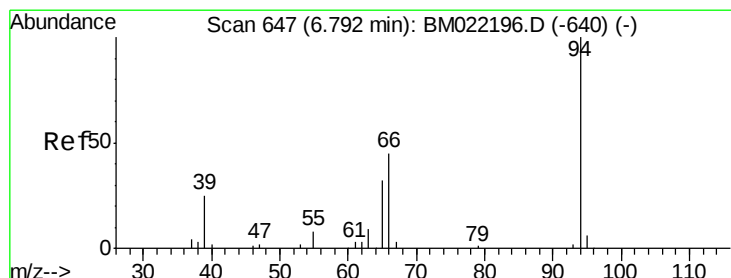
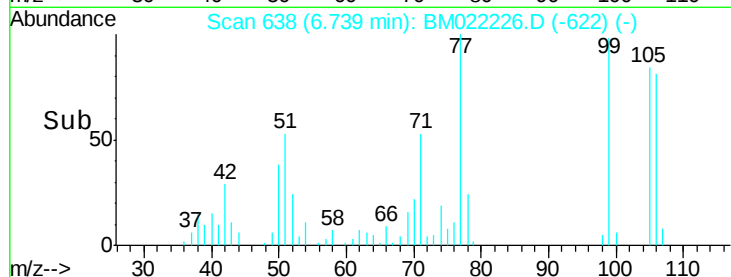
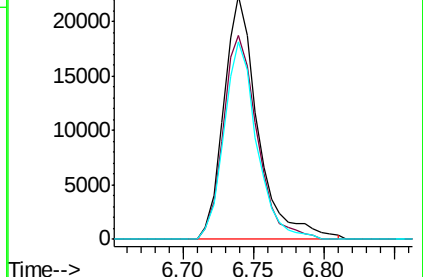
106 80.9 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM022226.D (-632) (-)

Ion 105.00 (104.70 to 105.70): BM022226.D (-632) (-)

Ion 106.00 (105.70 to 106.70): BM022226.D (-632) (-)



#10

Phenol

Concen: 34.339 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

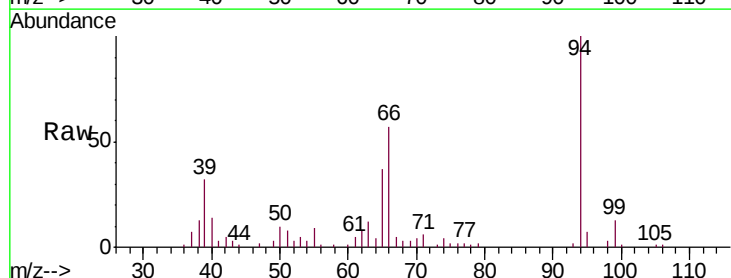
Tgt Ion: 94 Resp: 90427

Ion Ratio Lower Upper

94 100

65 36.6 8.7 48.7

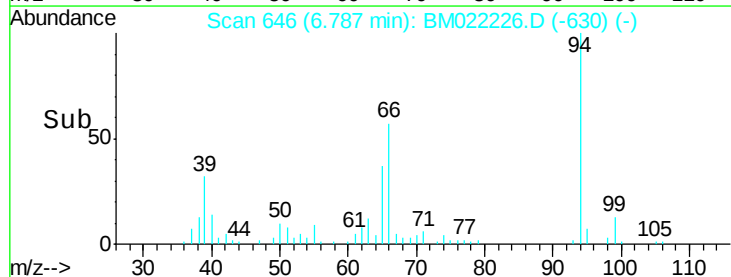
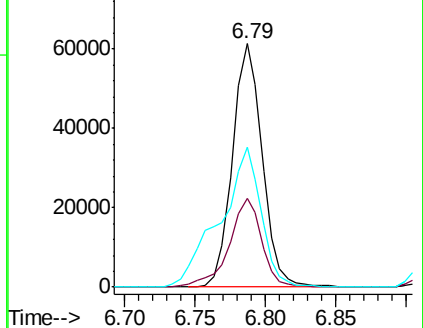
66 57.3 19.0 59.0

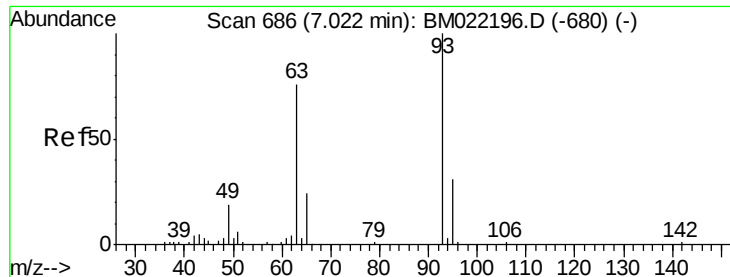


Abundance Ion 94.00 (93.70 to 94.70): BM022226.D (-630) (-)

Ion 65.00 (64.70 to 65.70): BM022226.D (-630) (-)

Ion 66.00 (65.70 to 66.70): BM022226.D (-630) (-)

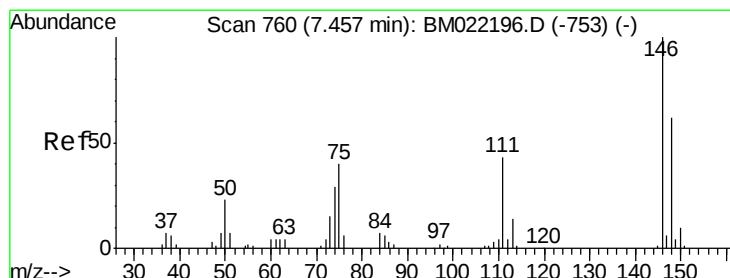
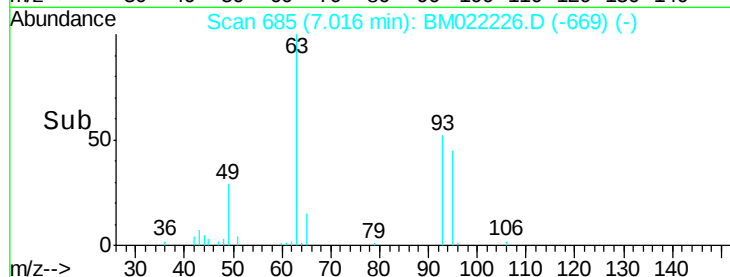
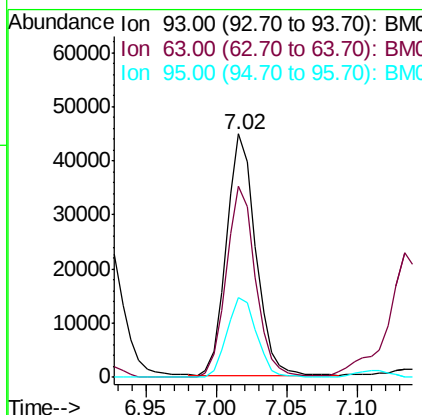
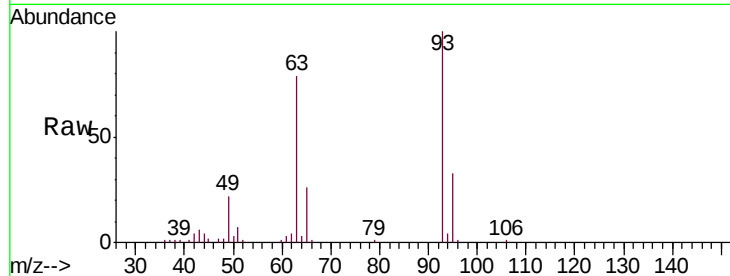




#11
 bis(2-Chloroethyl)ether
 Concen: 30.846 ng
 RT: 7.02 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

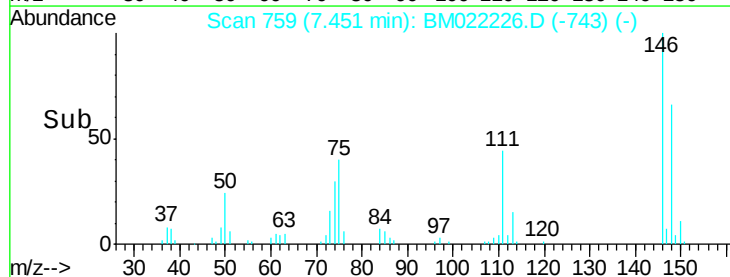
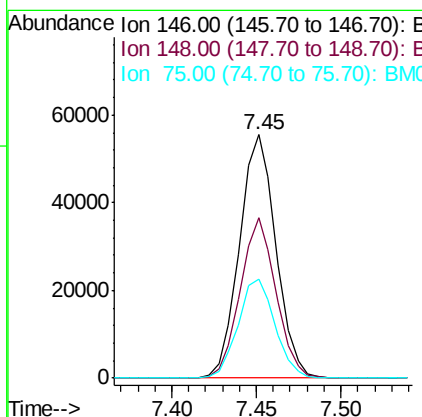
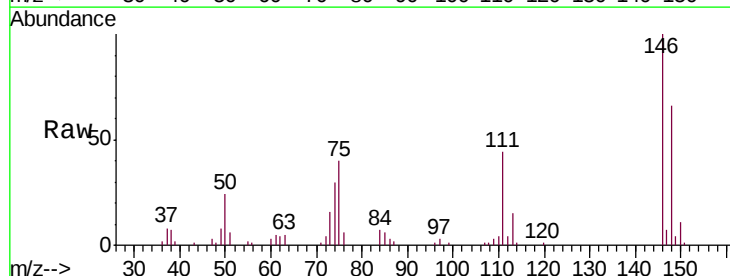
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

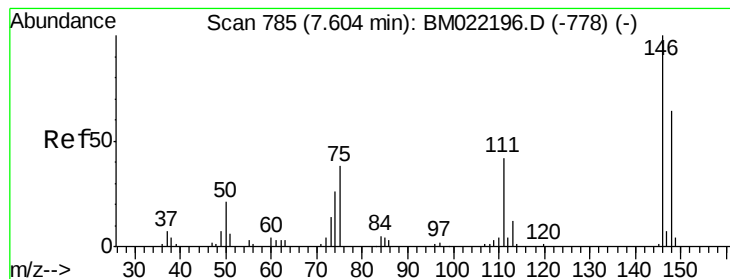
Tgt Ion: 93 Resp: 64257
 Ion Ratio Lower Upper
 93 100
 63 78.5 53.4 93.4
 95 32.9 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 30.742 ng
 RT: 7.45 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion: 146 Resp: 83332
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.2
 75 40.4 22.2 33.4#





#13

1,4-Dichlorobenzene

Concen: 30.655 ng

RT: 7.60 min Scan# 784

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

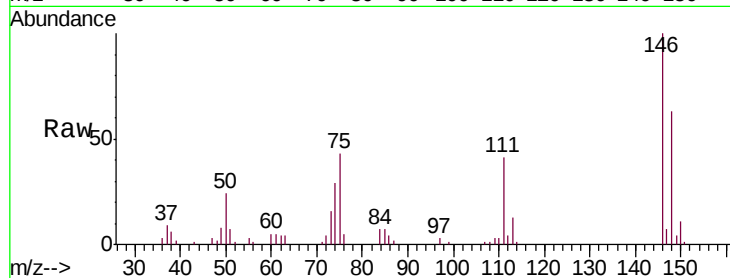
Tgt Ion:146 Resp: 84362

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

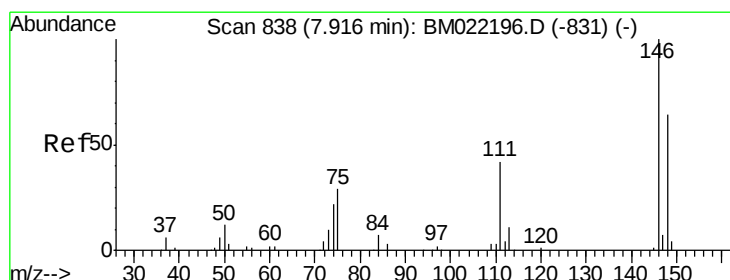
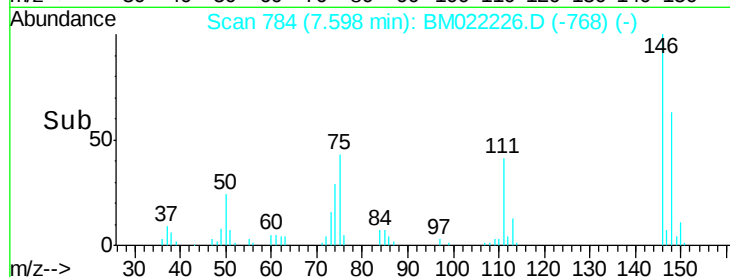
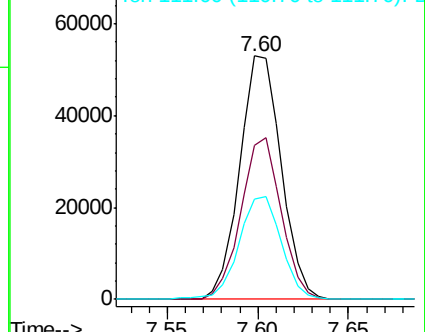
111 41.1 31.4 47.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.393 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

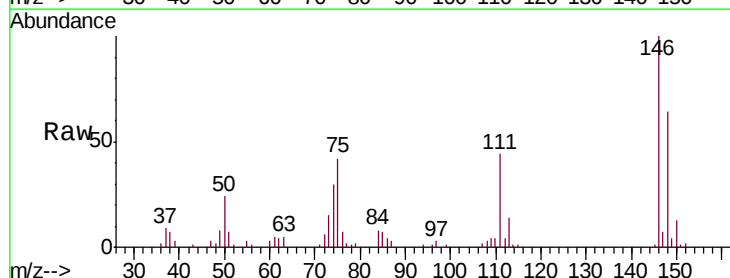
Tgt Ion:146 Resp: 81461

Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

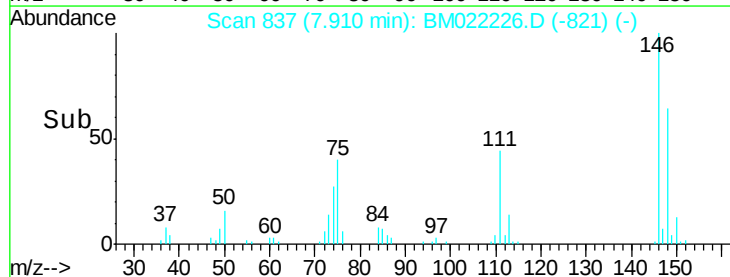
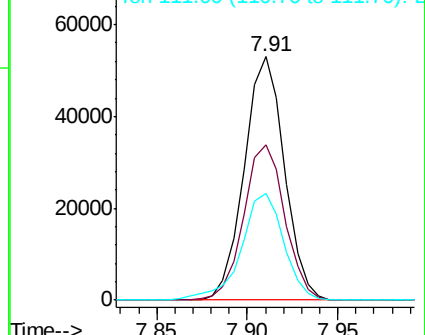
111 43.9 32.8 49.2

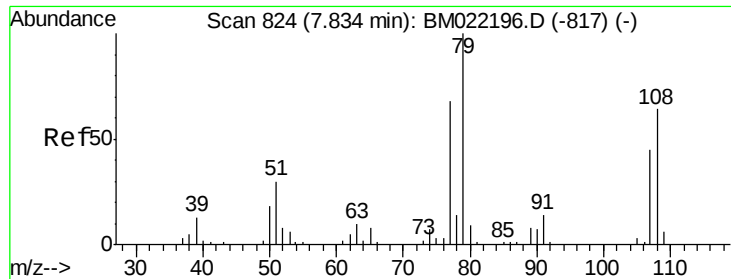


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

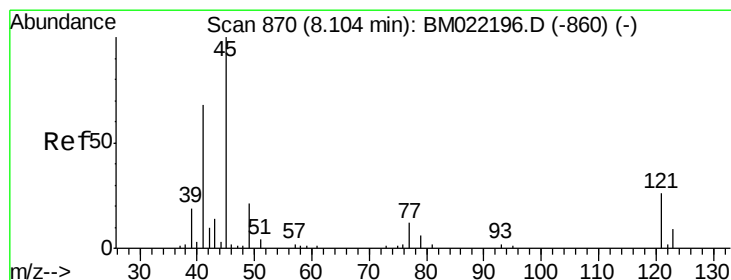
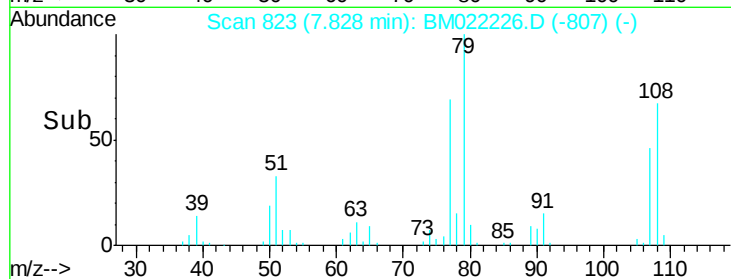
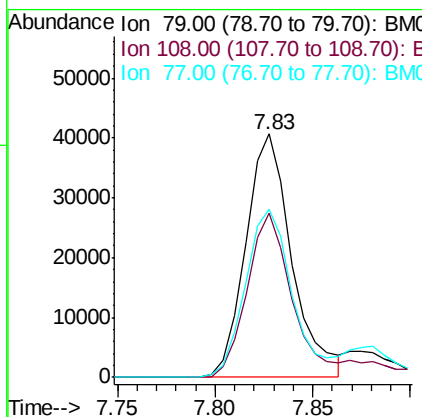
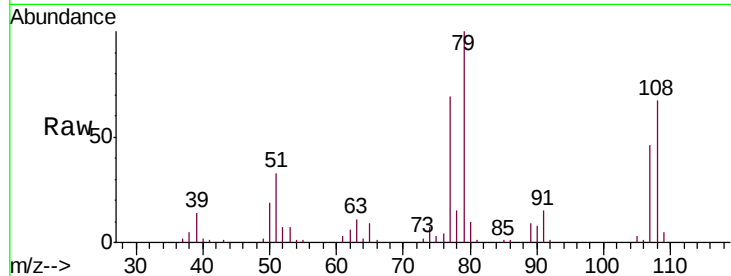




#15
Benzyl Alcohol
Concen: 30.366 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

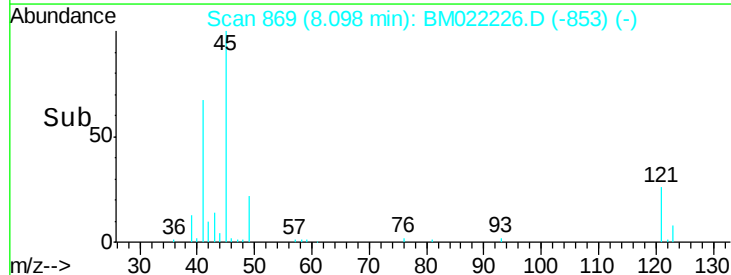
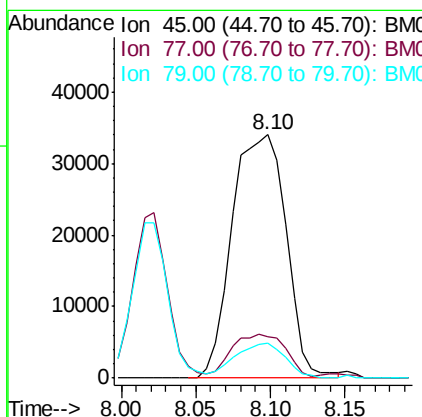
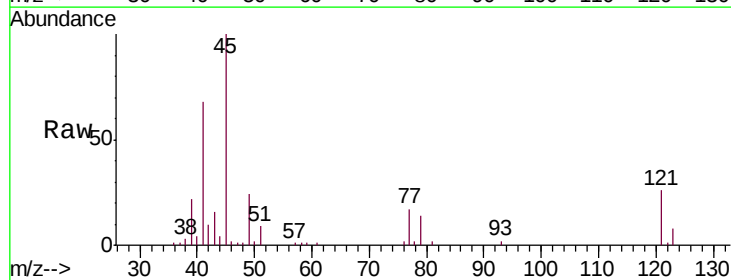
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

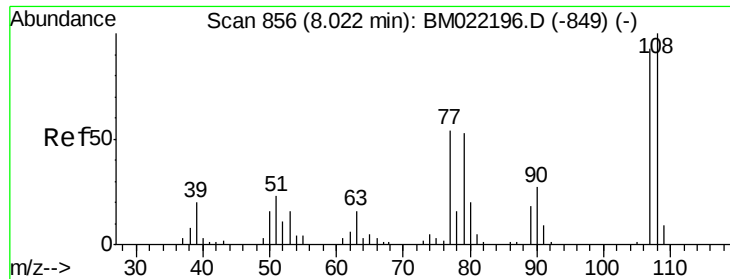
Tgt Ion: 79 Resp: 66398
Ion Ratio Lower Upper
79 100
108 67.3 58.4 87.6
77 69.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.665 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion: 45 Resp: 85619
Ion Ratio Lower Upper
45 100
77 17.0 0.0 37.5
79 14.4 0.0 33.5

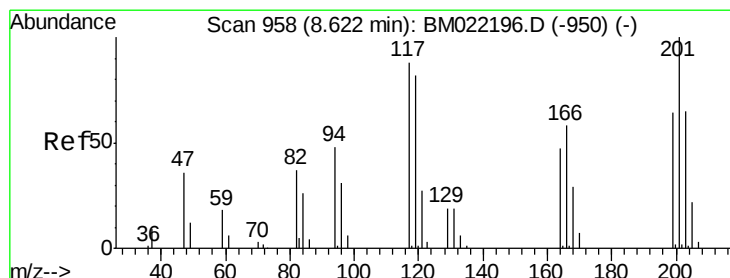
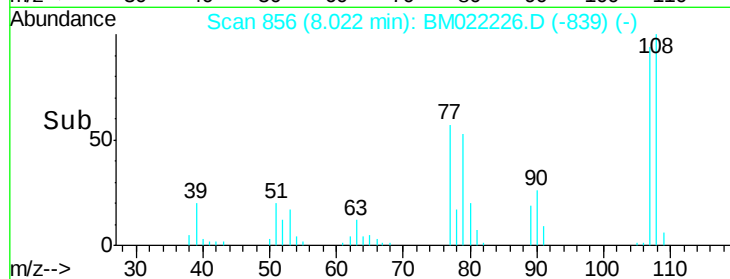
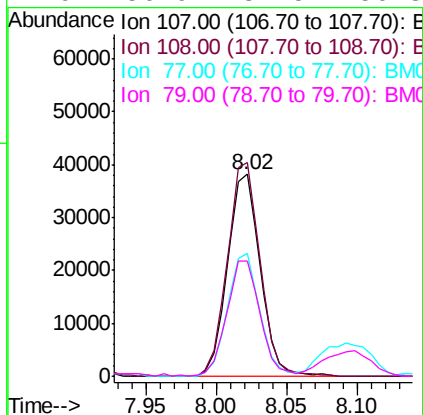
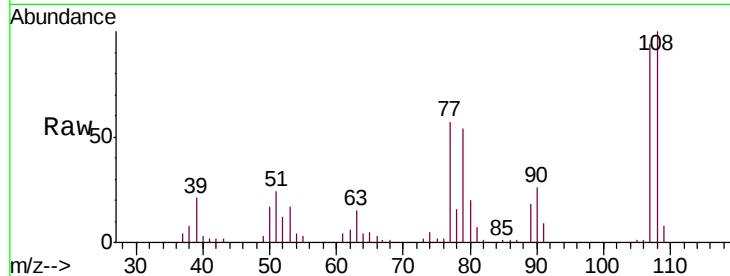




#17
2-Methylphenol
Concen: 32.839 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

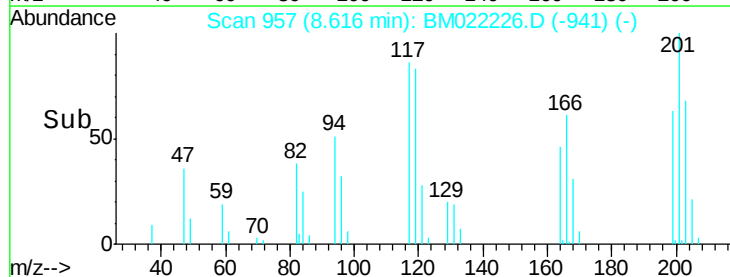
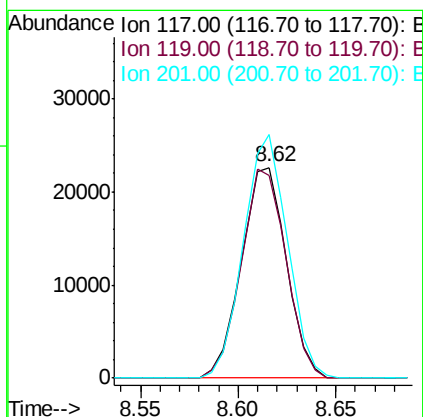
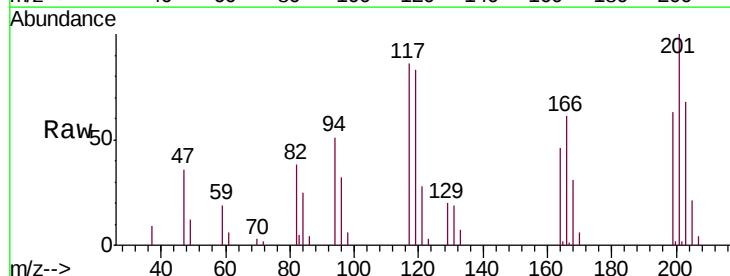
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

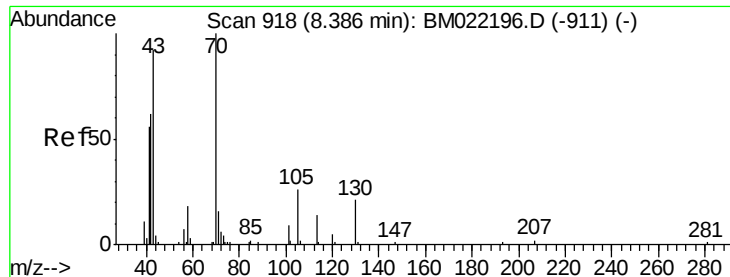
Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.8	87.5	131.3
77	60.8	37.8	56.8#
79	56.9	37.5	56.3#



#18
Hexachloroethane
Concen: 30.228 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.5	116.3
201	115.6	102.3	153.5

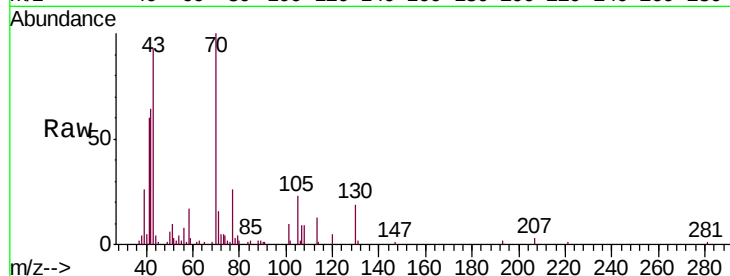




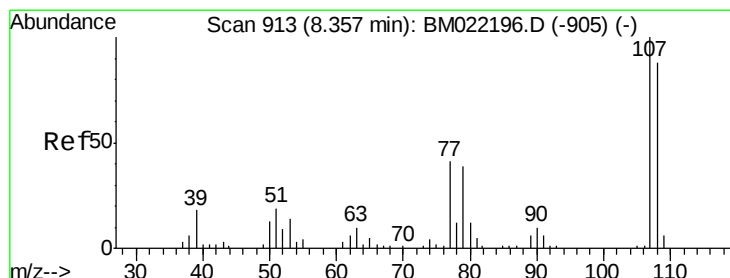
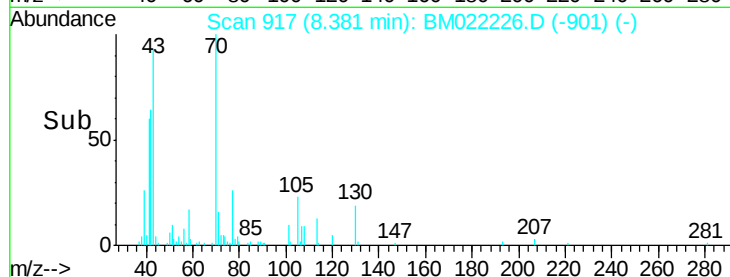
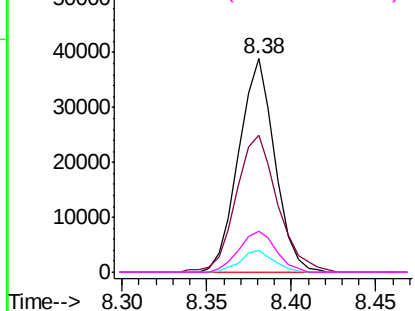
#19
n-Nitroso-di-n-propylamine
Concen: 29.572 ng
RT: 8.38 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tgt Ion: 70 Resp: 57941
Ion Ratio Lower Upper
70 100
42 64.4 41.9 62.9#
101 10.0 8.1 12.1
130 18.9 17.5 26.3

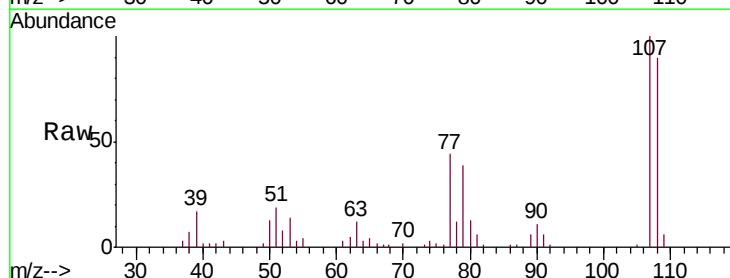


Abundance Ion 70.00 (69.70 to 70.70): BM022226.D (-911) (-)
Ion 42.00 (41.70 to 42.70): BM022226.D (-911) (-)
Ion 101.00 (100.70 to 101.70): BM022226.D (-911) (-)
Ion 130.00 (129.70 to 130.70): BM022226.D (-911) (-)

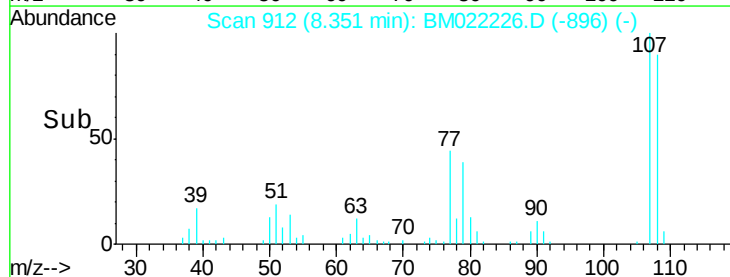
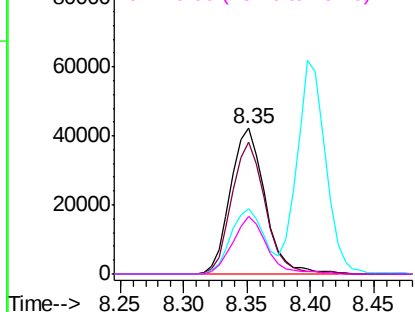


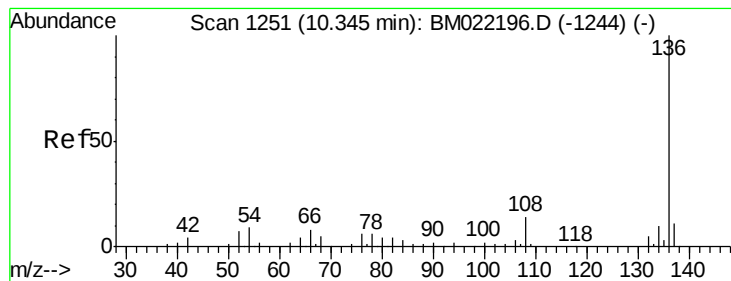
#20
3+4-Methylphenols
Concen: 31.574 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion: 107 Resp: 80092
Ion Ratio Lower Upper
107 100
108 90.1 67.9 107.9
77 44.5 14.6 54.6
79 39.3 10.8 50.8



Abundance Ion 107.00 (106.70 to 107.70): BM022226.D (-905) (-)
Ion 108.00 (107.70 to 108.70): BM022226.D (-905) (-)
Ion 77.00 (76.70 to 77.70): BM022226.D (-905) (-)
Ion 79.00 (78.70 to 79.70): BM022226.D (-905) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

Tgt Ion:136 Resp: 126563

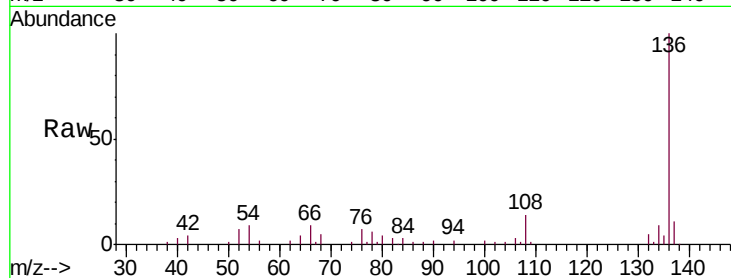
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.8 5.3 7.9#

68 4.8 4.4 6.6

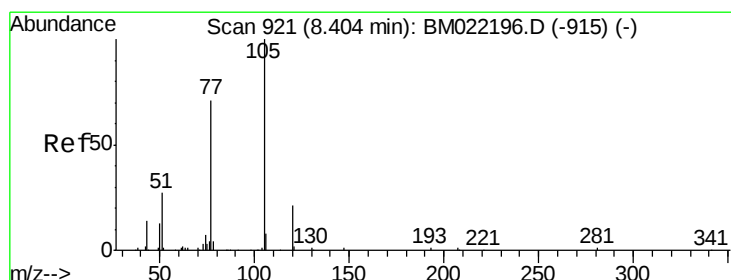
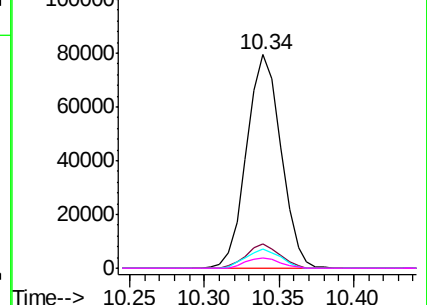
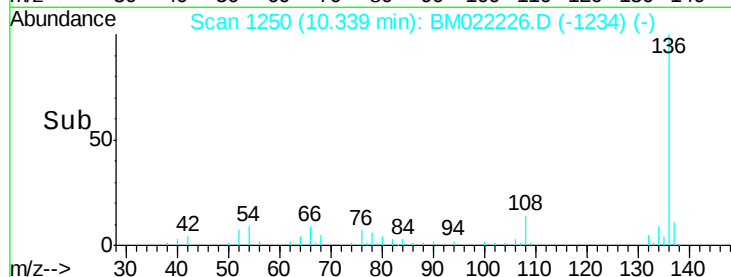


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 34.752 ng

RT: 8.40 min Scan# 921

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:105 Resp: 112833

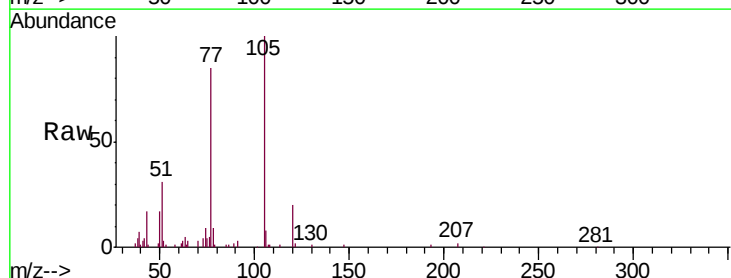
Ion Ratio Lower Upper

105 100

71 0.0 1.2 1.8#

51 31.3 19.1 28.7#

120 20.4 17.9 26.9

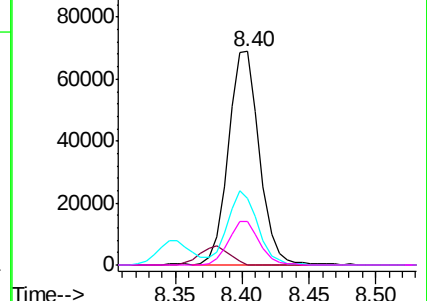
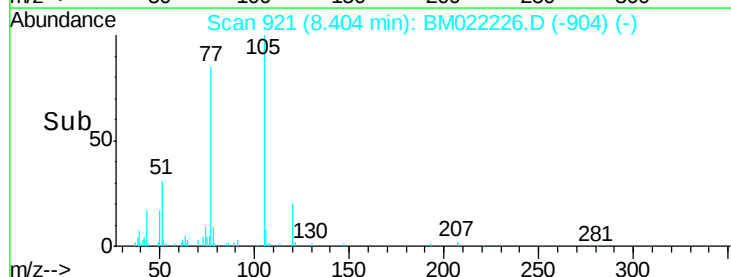


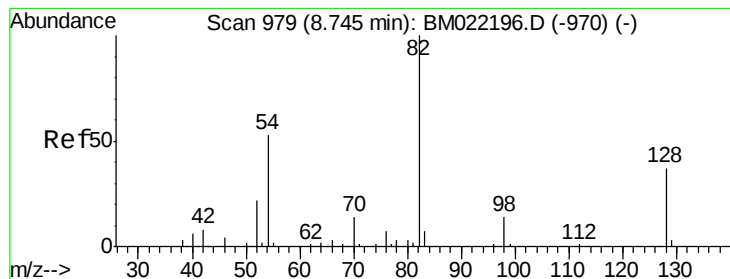
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.655 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

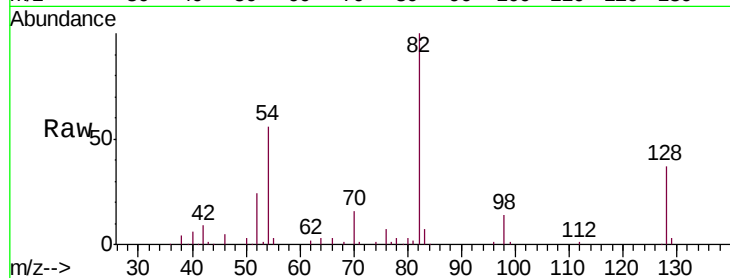
Tgt Ion: 82 Resp: 189062

Ion Ratio Lower Upper

82 100

128 37.4 35.9 53.9

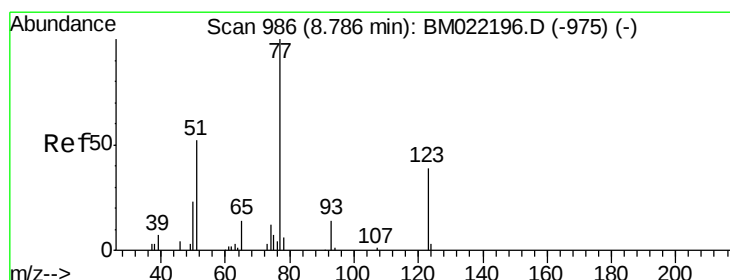
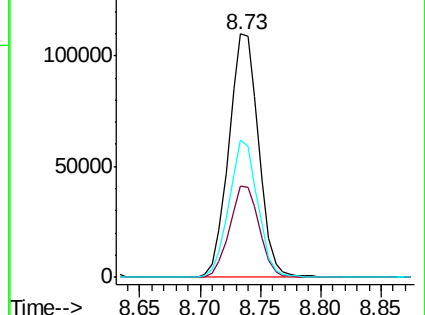
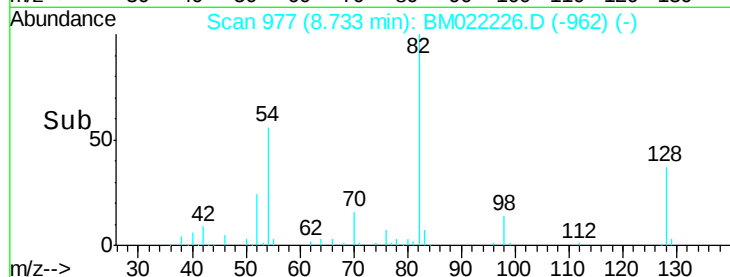
54 56.3 36.6 55.0#



Abundance Ion 82.00 (81.70 to 82.70): BM022226.D (-962) (-)

Ion 128.00 (127.70 to 128.70): BM022226.D (-962) (-)

Ion 54.00 (53.70 to 54.70): BM022226.D (-962) (-)



#24

Nitrobenzene

Concen: 35.277 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

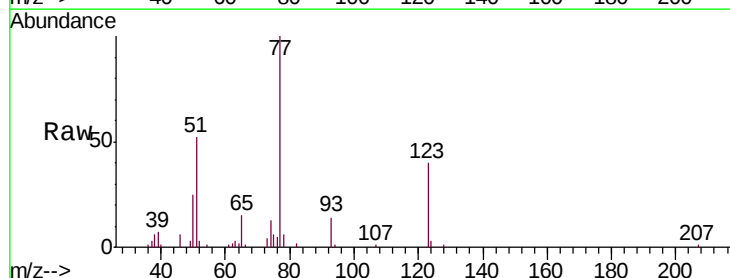
Tgt Ion: 77 Resp: 93985

Ion Ratio Lower Upper

77 100

123 40.5 36.3 54.5

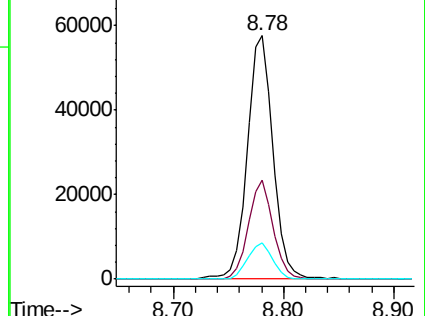
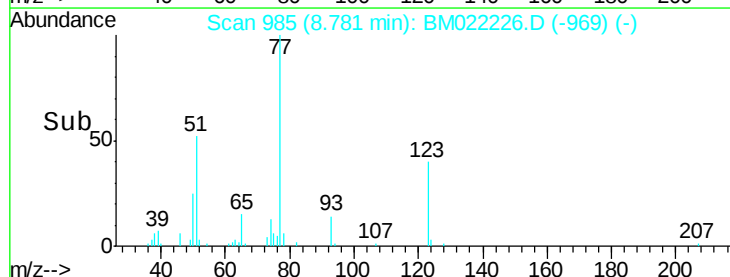
65 14.7 10.6 16.0

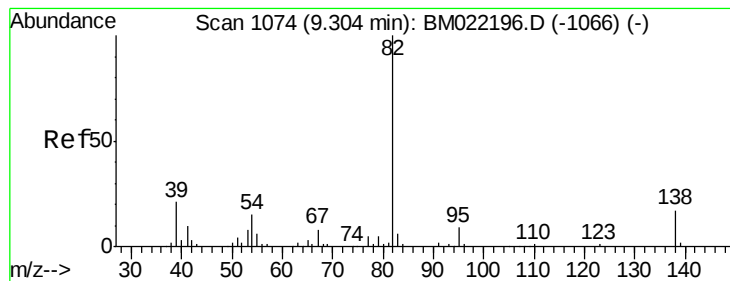


Abundance Ion 77.00 (76.70 to 77.70): BM022226.D (-969) (-)

Ion 123.00 (122.70 to 123.70): BM022226.D (-969) (-)

Ion 65.00 (64.70 to 65.70): BM022226.D (-969) (-)





#25

Isophorone

Concen: 33.370 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

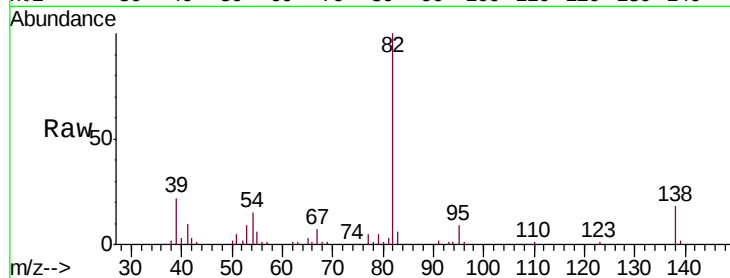
Tgt Ion: 82 Resp: 154105

Ion Ratio Lower Upper

82 100

95 9.4 6.1 9.1#

138 17.6 15.0 22.6

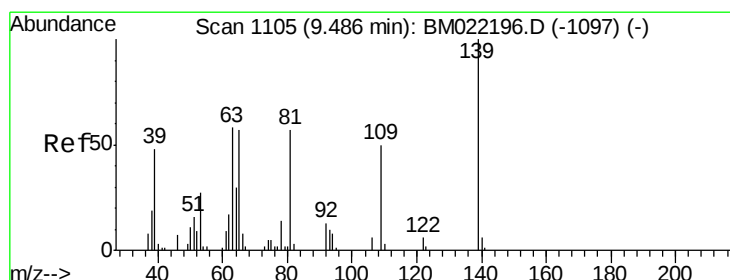
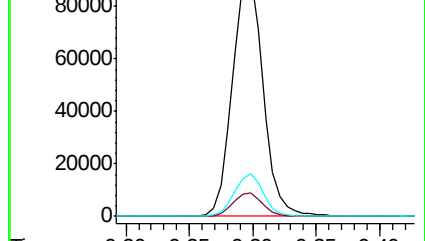
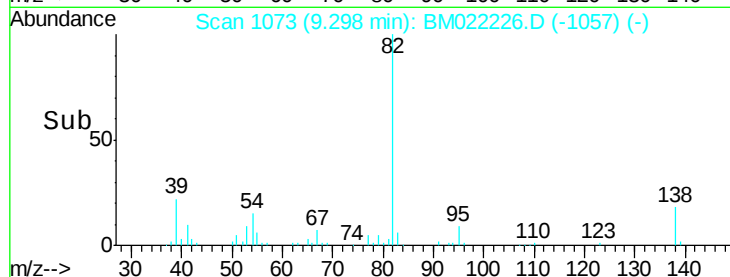


Abundance Ion 82.00 (81.70 to 82.70): BM022196.D (-1066) (-)

Ion 95.00 (94.70 to 95.70): BM022196.D (-1066) (-)

Ion 138.00 (137.70 to 138.70): BM022196.D (-1066) (-)

Time-->



#26

2-Nitrophenol

Concen: 34.689 ng

RT: 9.48 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

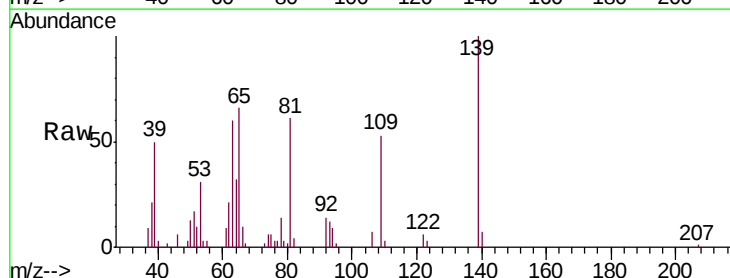
Tgt Ion: 139 Resp: 39147

Ion Ratio Lower Upper

139 100

109 52.8 25.2 37.8#

65 65.6 37.4 56.0#

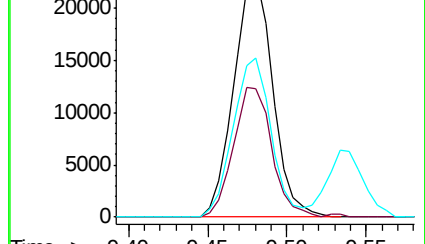
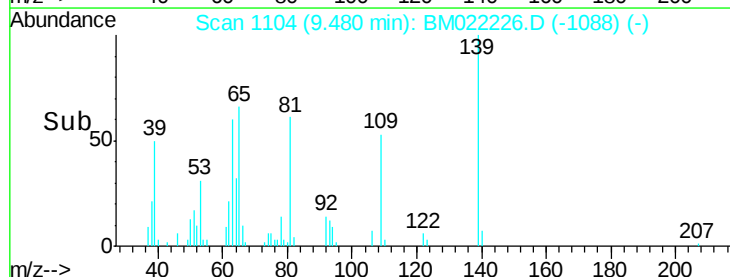


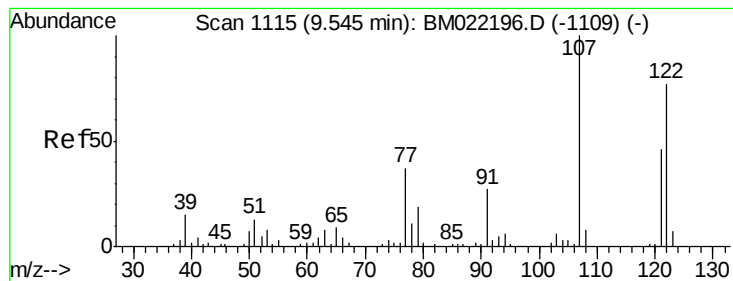
Abundance Ion 139.00 (138.70 to 139.70): BM022196.D (-1097) (-)

Ion 109.00 (108.70 to 109.70): BM022196.D (-1097) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-1097) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 38.511 ng

RT: 9.53 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

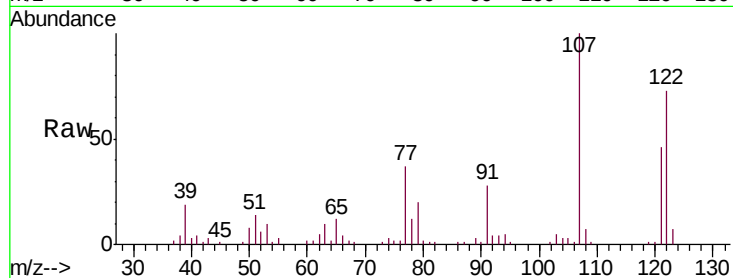
Tgt Ion:122 Resp: 65509

Ion Ratio Lower Upper

122 100

107 136.2 95.3 142.9

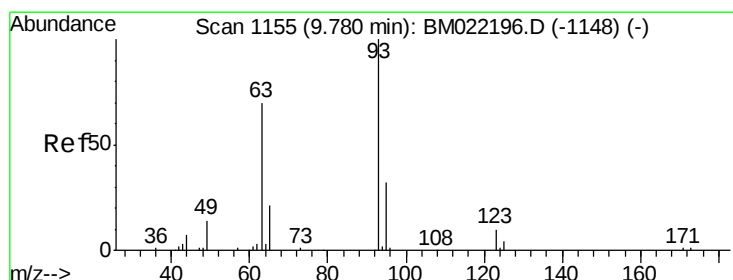
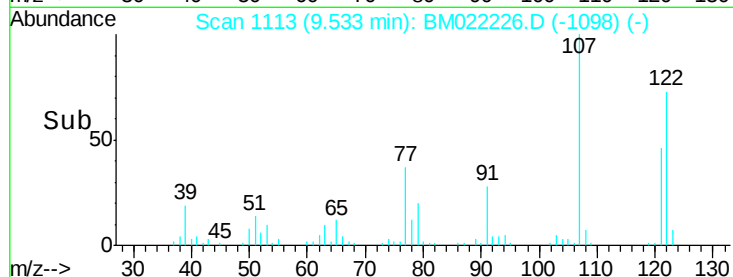
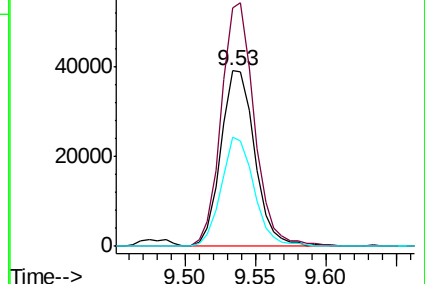
121 62.2 47.5 71.3



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: 33.607 ng

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

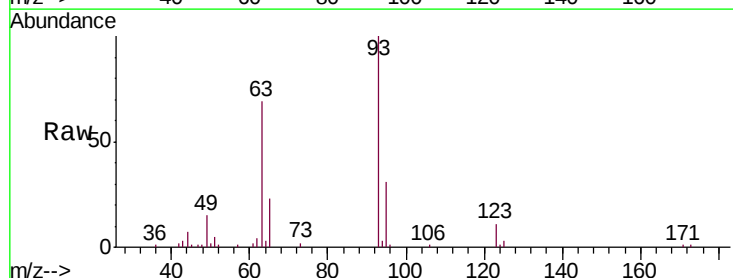
Tgt Ion: 93 Resp: 91816

Ion Ratio Lower Upper

93 100

95 31.2 26.2 39.2

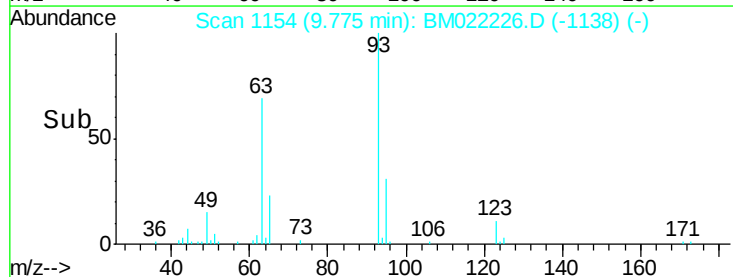
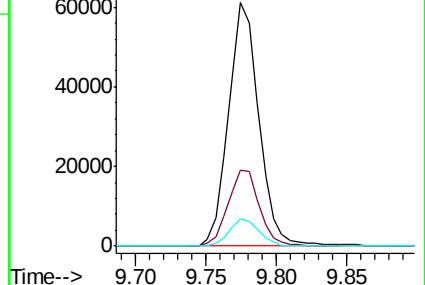
123 11.2 9.0 13.4

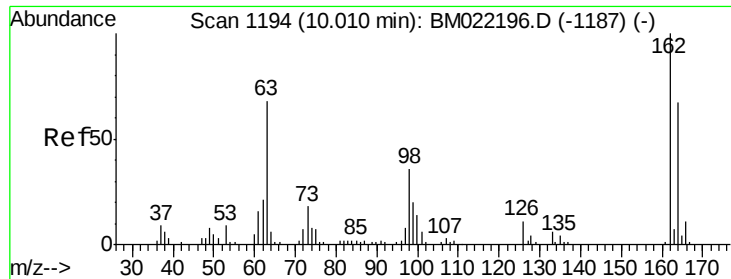


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

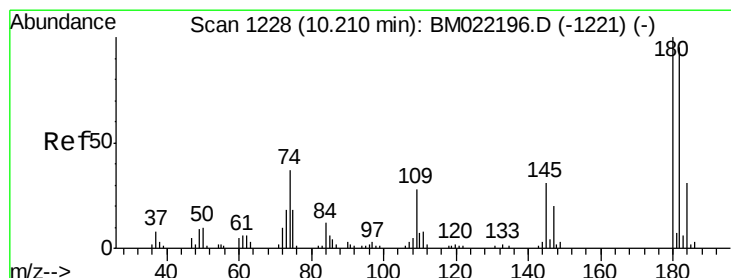
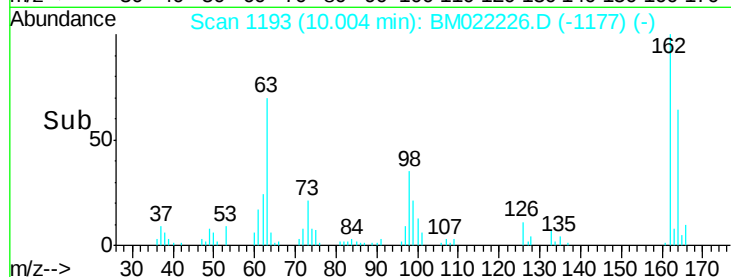
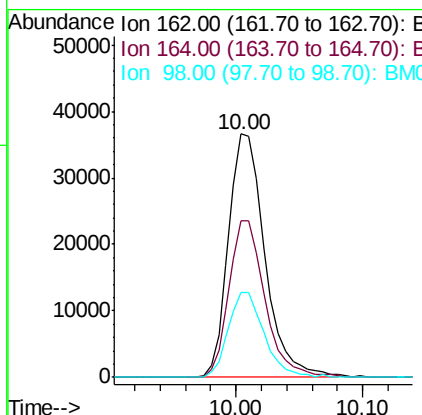
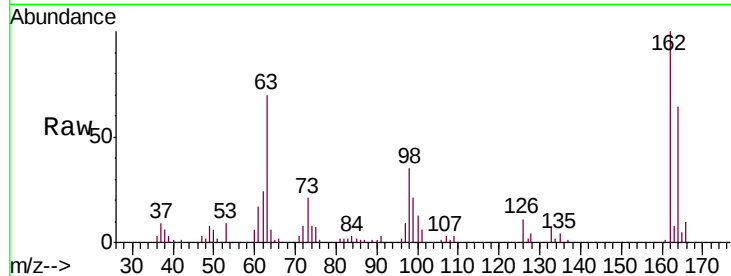




#29
 2,4-Dichlorophenol
 Concen: 35.581 ng
 RT: 10.00 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

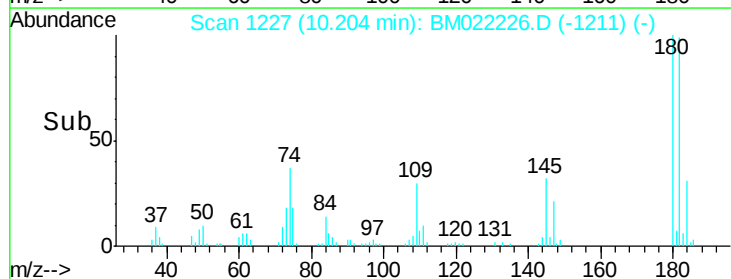
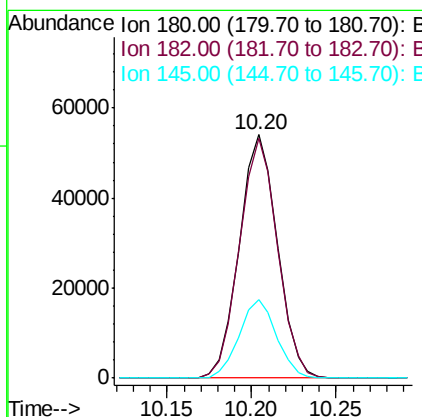
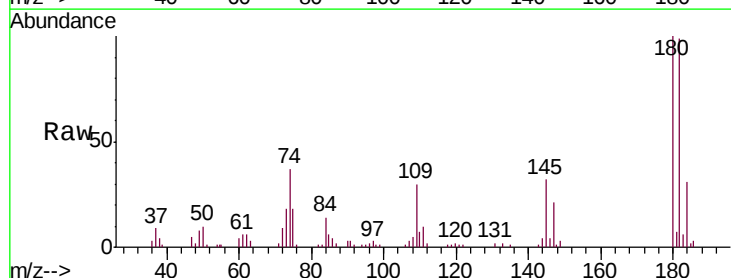
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

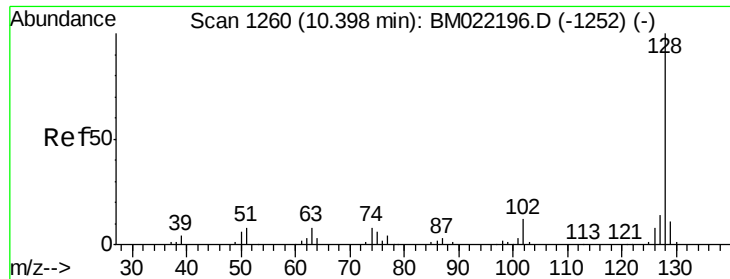
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.7	83.7
98	35.1	13.4	53.4



#30
 1,2,4-Trichlorobenzene
 Concen: 33.604 ng
 RT: 10.20 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	78.0	117.0
145	32.3	23.4	35.0

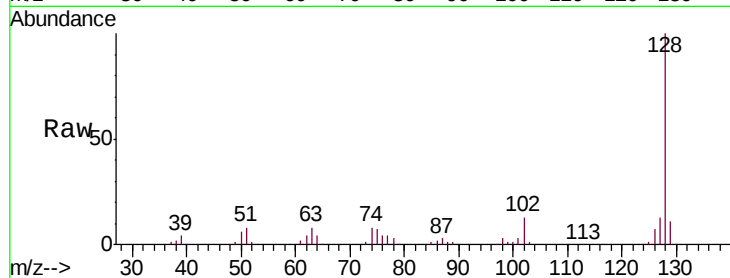




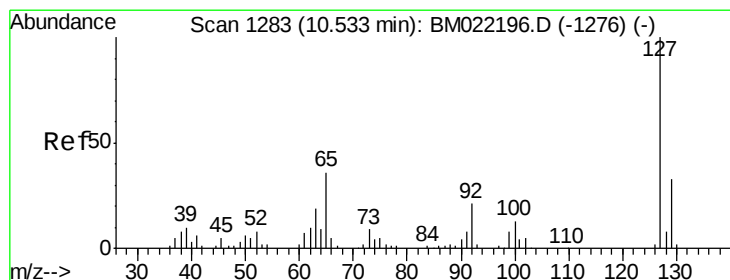
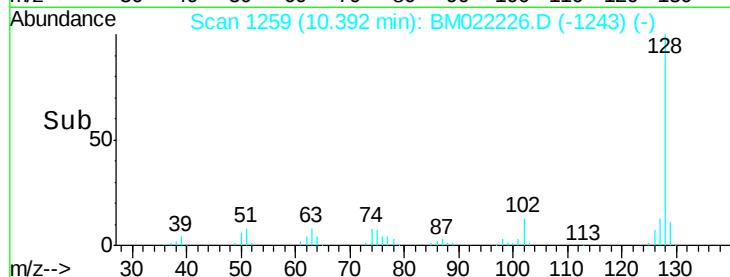
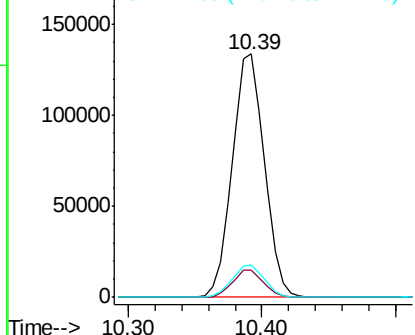
#31
Naphthalene
Concen: 34.117 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tgt Ion:128 Resp: 224262
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.8 16.2

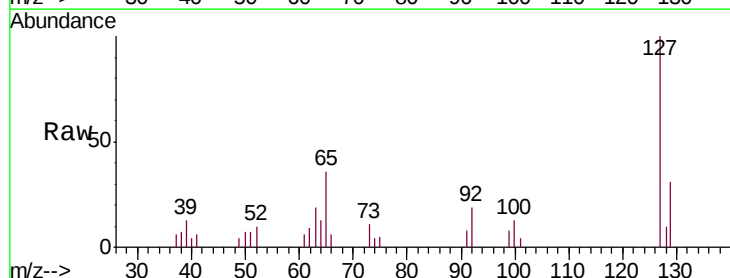


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

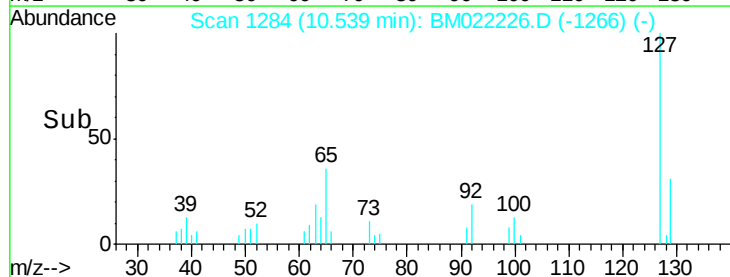
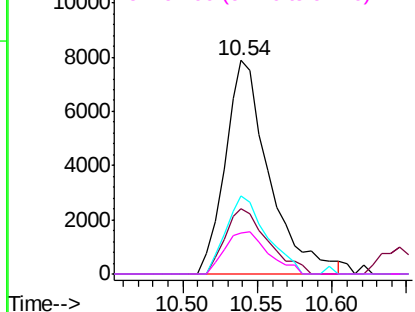


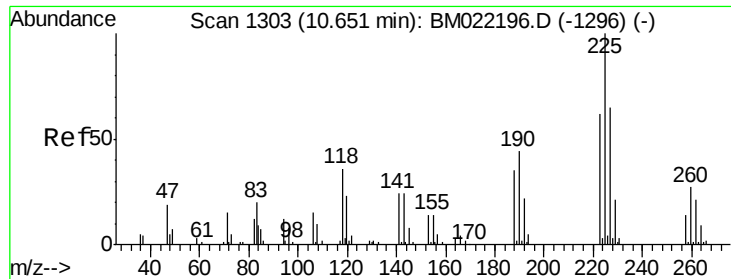
#33
4-Chloroaniline
Concen: 5.887 ng
RT: 10.54 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion:127 Resp: 16195
Ion Ratio Lower Upper
127 100
129 30.8 25.1 37.7
65 36.4 23.8 35.8#
92 19.4 15.7 23.5



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

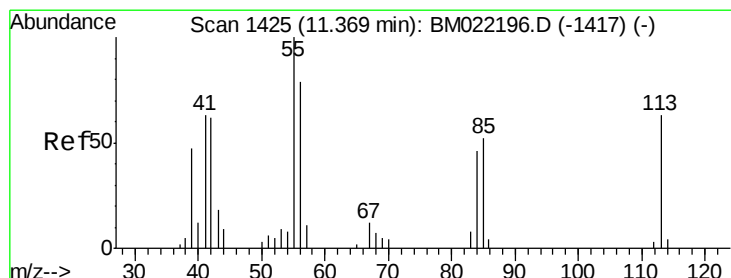
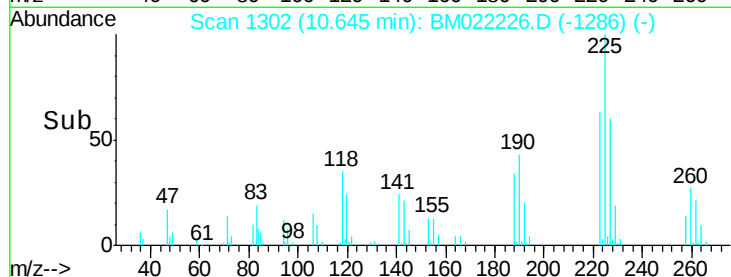
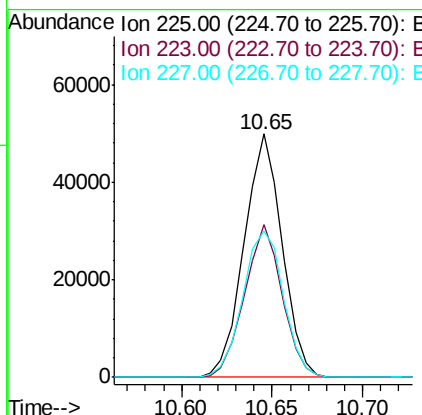
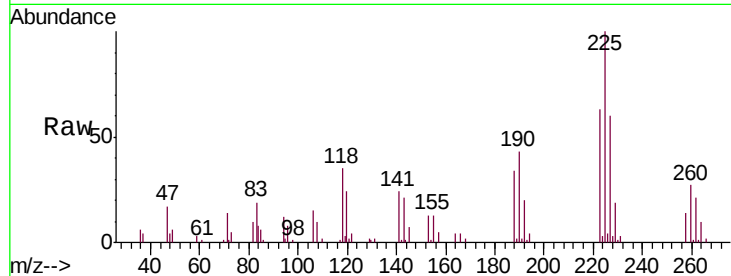




#34
Hexachlorobutadiene
Concen: 33.508 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

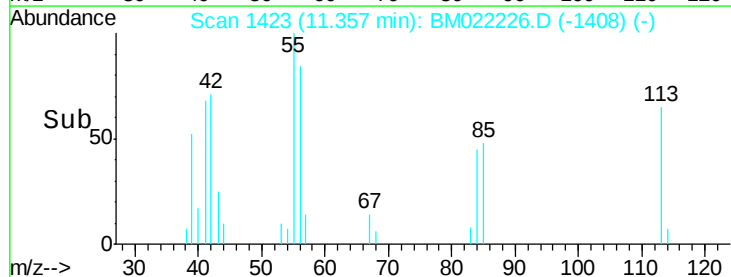
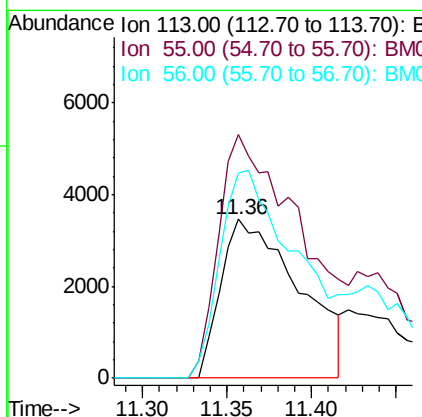
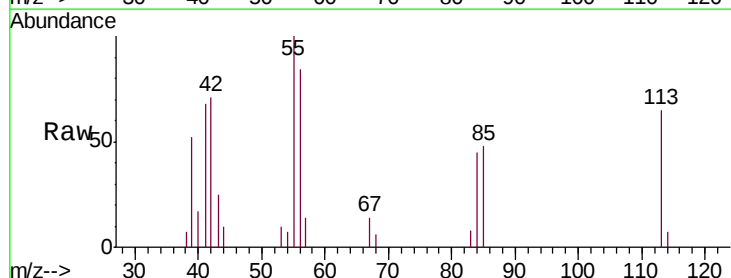
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

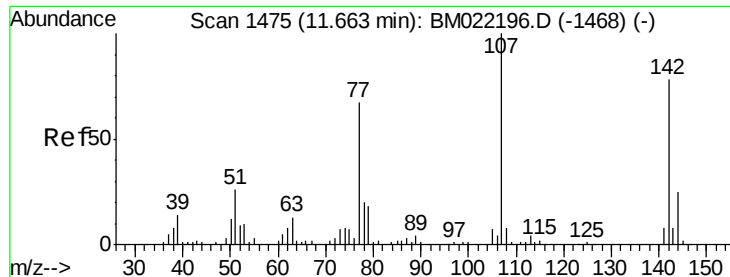
Tgt Ion: 225 Resp: 72695
Ion Ratio Lower Upper
225 100
223 62.9 49.6 74.4
227 60.4 50.4 75.6



#35
Caprolactam
Concen: 20.124 ng
RT: 11.36 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion: 113 Resp: 11104
Ion Ratio Lower Upper
113 100
55 153.2 129.8 169.8
56 129.0 94.3 134.3

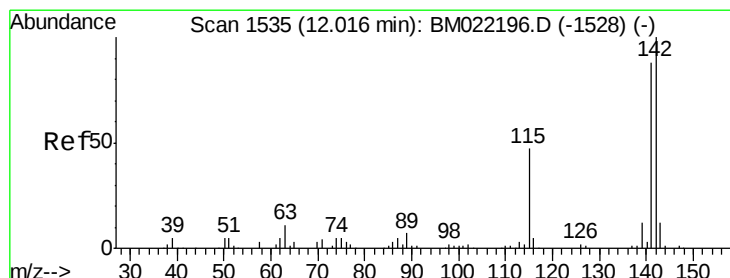
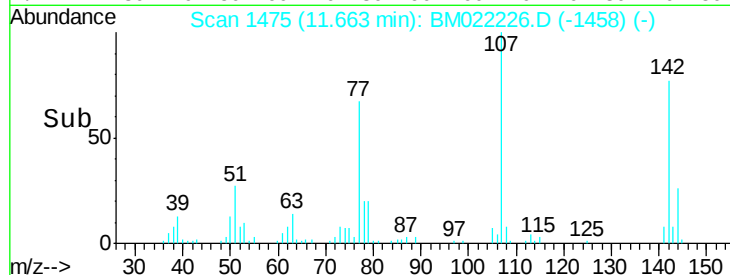
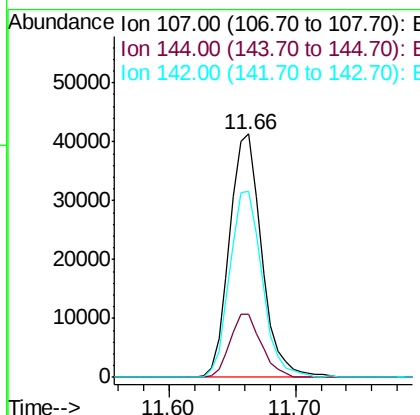
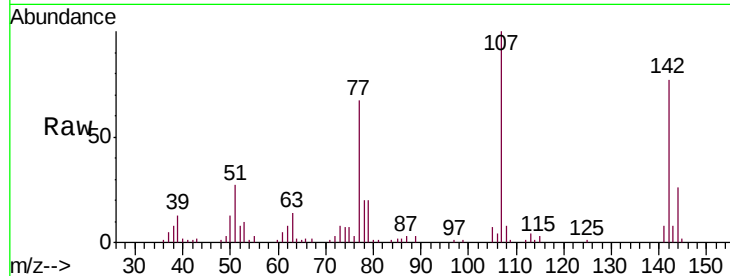




#36
 4-Chloro-3-methylphenol
 Concen: 33.490 ng
 RT: 11.66 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

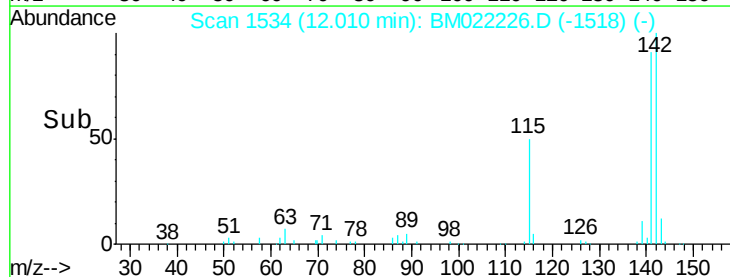
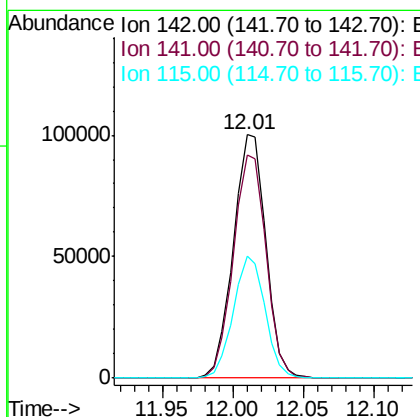
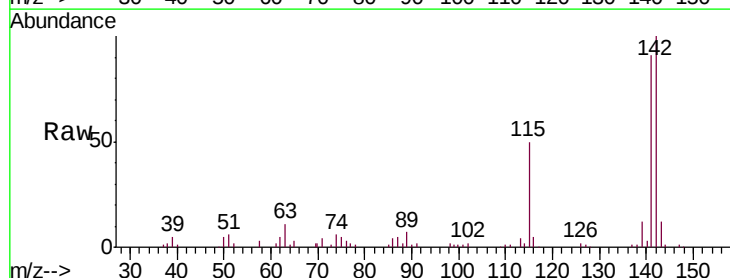
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

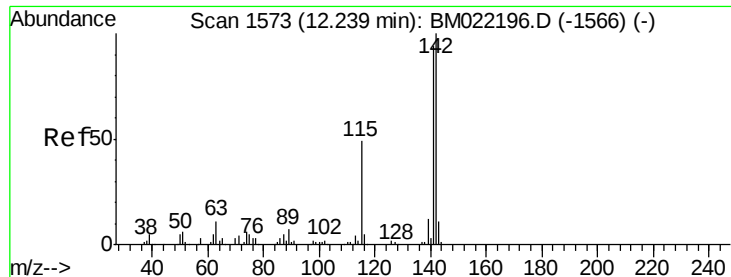
Tgt Ion:107 Resp: 72665
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.3 31.9
 142 76.6 64.9 97.3



#37
 2-Methylnaphthalene
 Concen: 33.529 ng
 RT: 12.01 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:142 Resp: 161094
 Ion Ratio Lower Upper
 142 100
 141 91.4 72.2 108.2
 115 50.2 27.9 41.9#

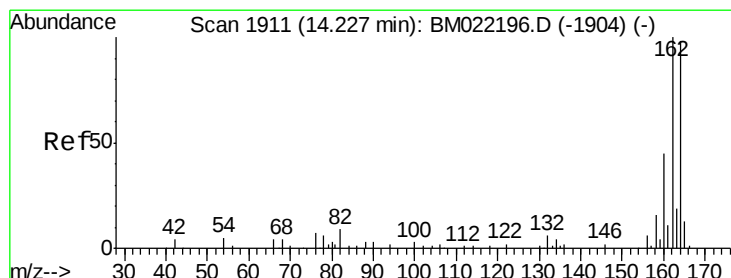
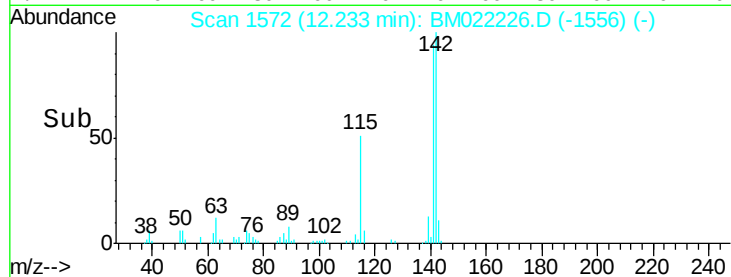
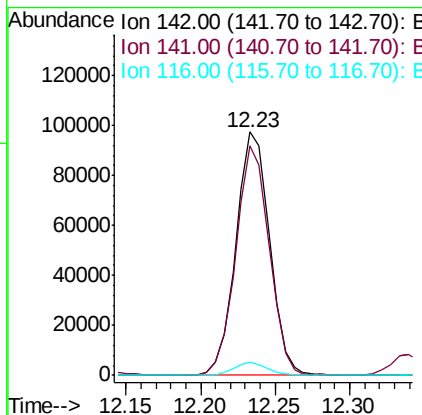
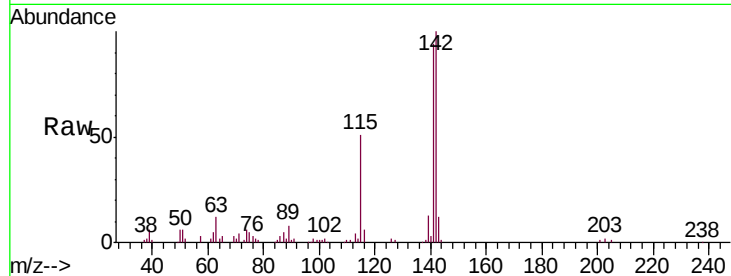




#38
 1-Methylnaphthalene
 Concen: 33.257 ng
 RT: 12.23 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

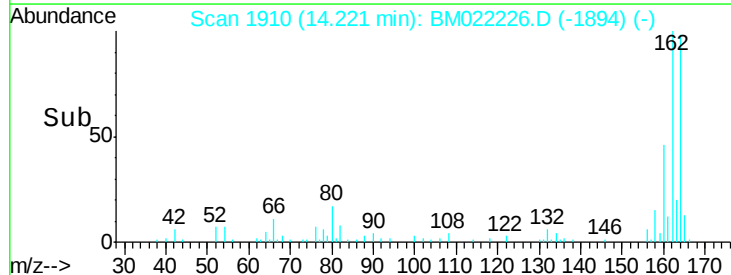
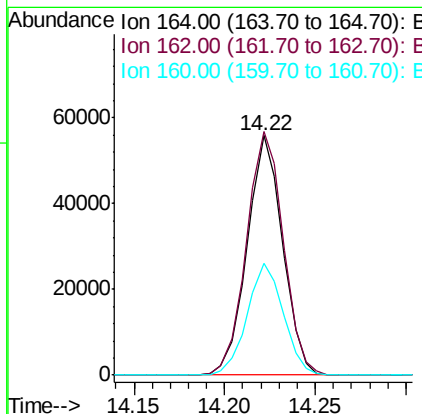
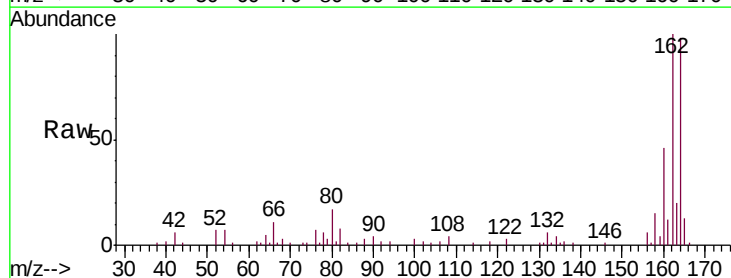
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

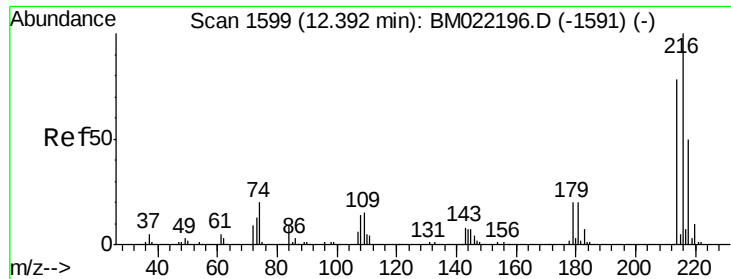
Tgt Ion:142 Resp: 152627
 Ion Ratio Lower Upper
 142 100
 141 94.4 73.9 110.9
 116 5.5 3.0 4.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:164 Resp: 76018
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.1 123.1
 160 46.8 37.1 55.7

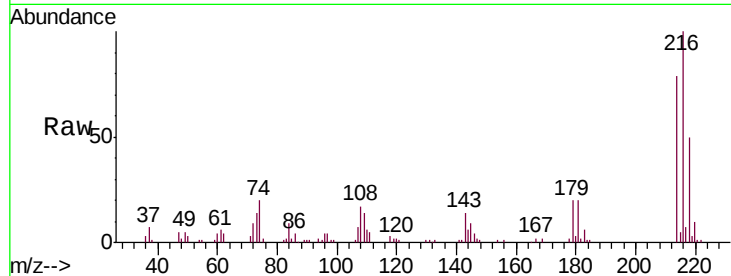




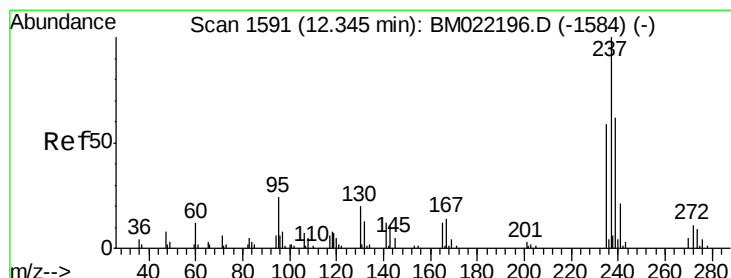
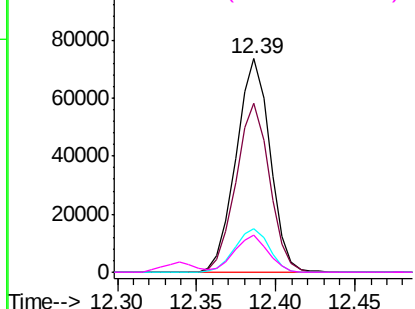
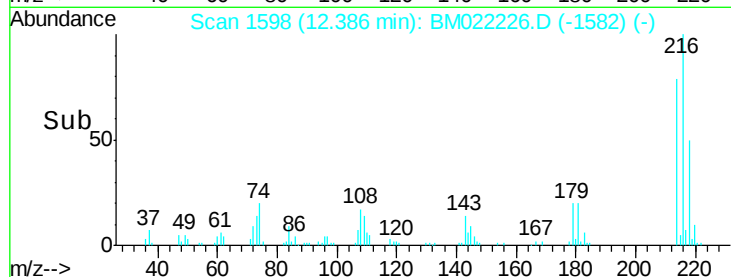
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.788 ng
 RT: 12.39 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tgt Ion:	216	Resp:	109466
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.6
179	20.5	16.4	24.6
108	17.2	12.5	18.7

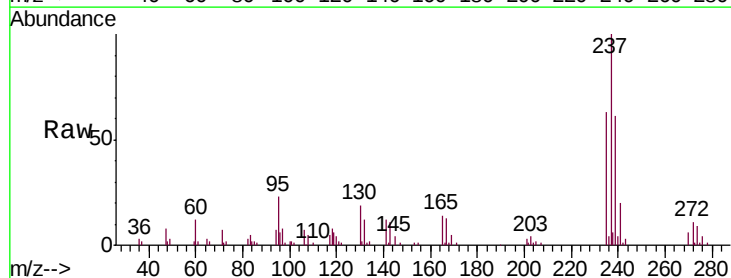


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

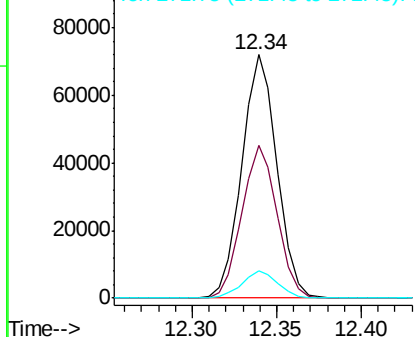
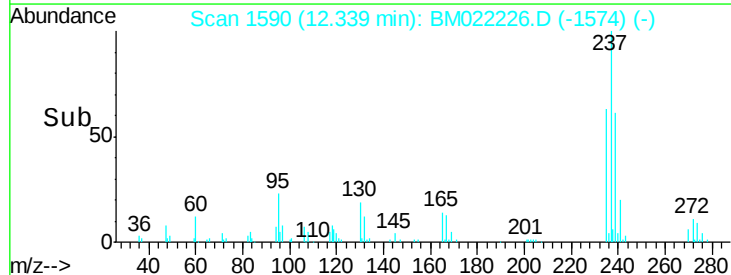


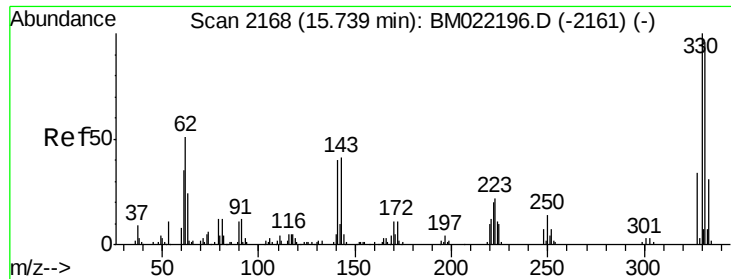
#41
 Hexachlorocyclopentadiene
 Concen: 62.196 ng
 RT: 12.34 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:	237	Resp:	103752
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.7	81.7
272	11.2	0.0	34.1



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: 96.755 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

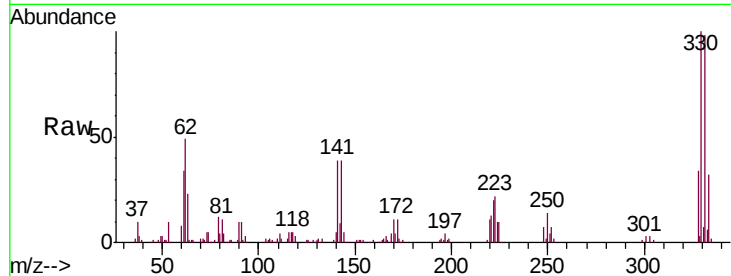
Tgt Ion:330 Resp: 119049

Ion Ratio Lower Upper

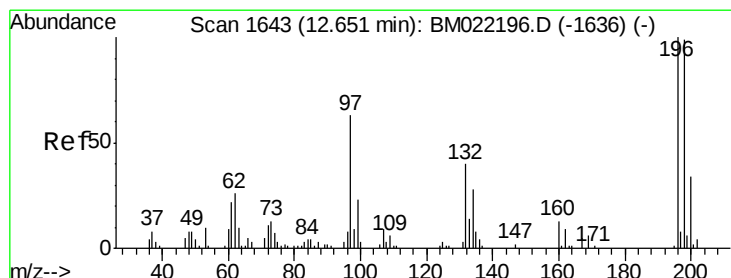
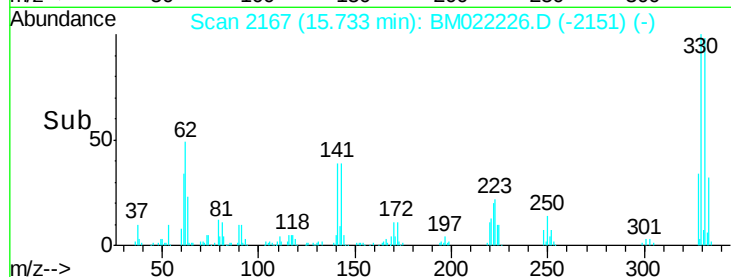
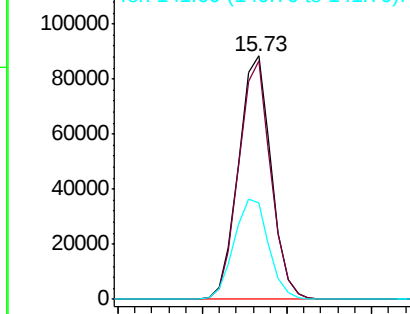
330 100

332 96.1 77.1 115.7

141 43.4 21.8 32.8#



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: 35.226 ng

RT: 12.64 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

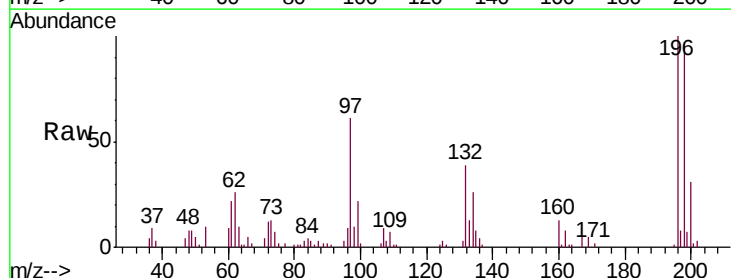
Tgt Ion:196 Resp: 62834

Ion Ratio Lower Upper

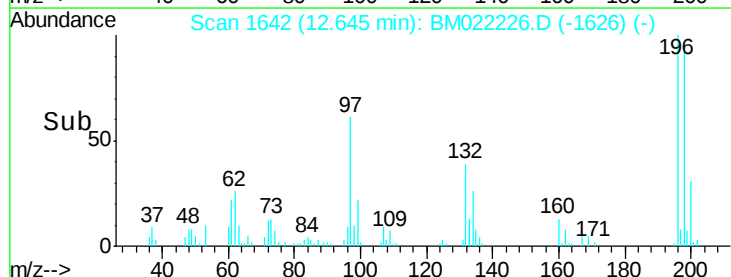
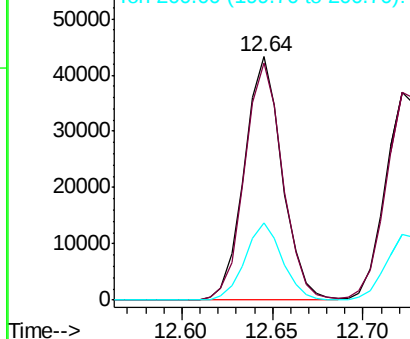
196 100

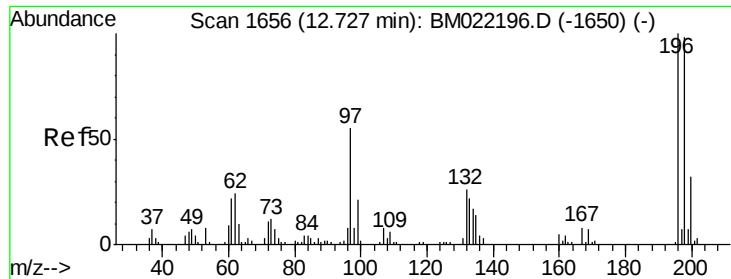
198 97.2 76.7 115.1

200 31.5 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 34.800 ng

RT: 12.72 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

Tgt Ion:196 Resp: 63009

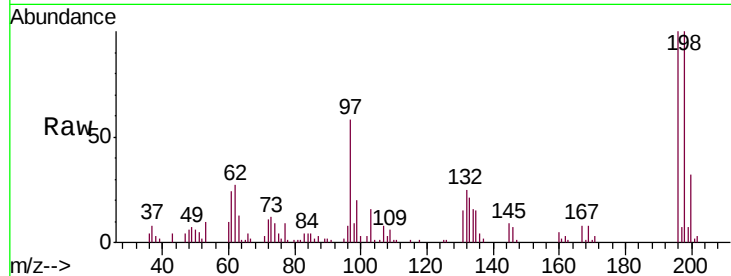
Ion Ratio Lower Upper

196 100

198 100.0 78.2 117.4

97 58.0 34.1 51.1#

132 24.7 19.2 28.8

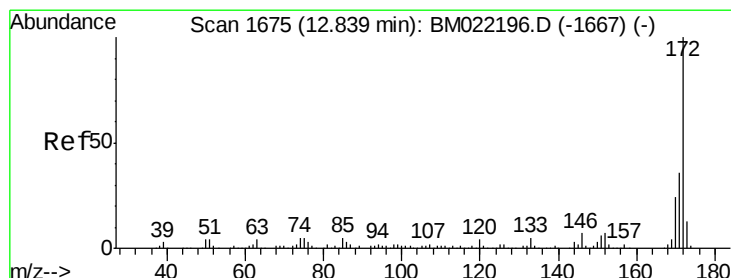
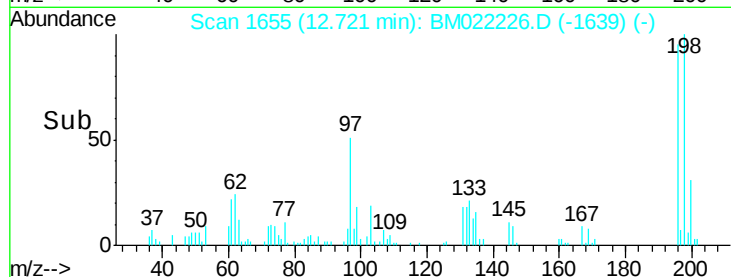
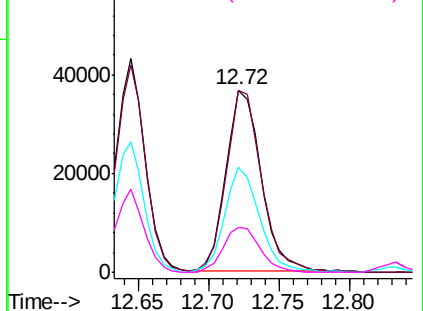


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 70.879 ng

RT: 12.83 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

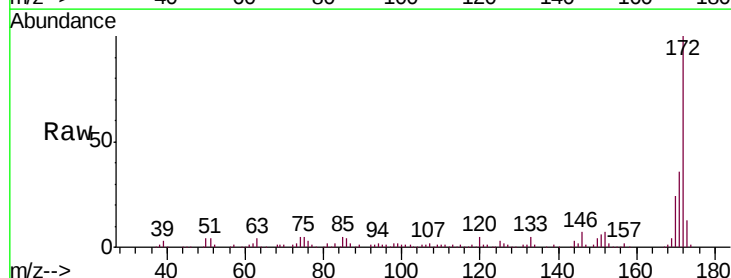
Tgt Ion:172 Resp: 431391

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

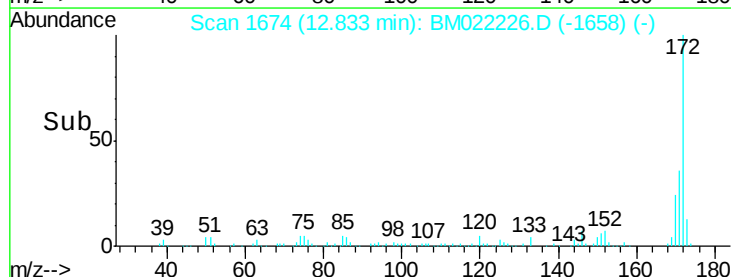
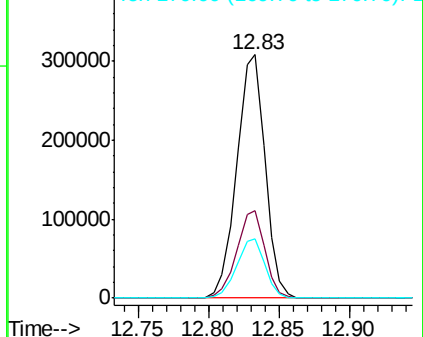
170 24.1 18.7 28.1

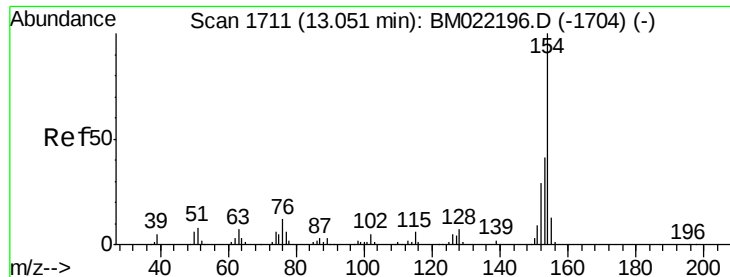


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

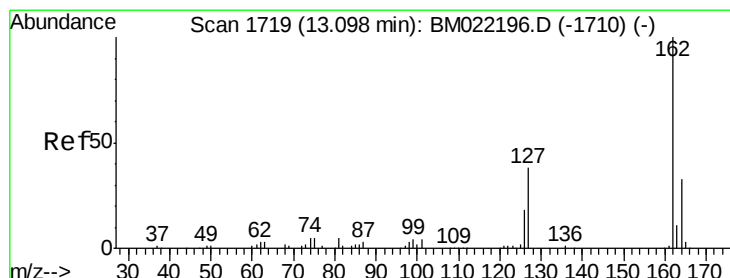
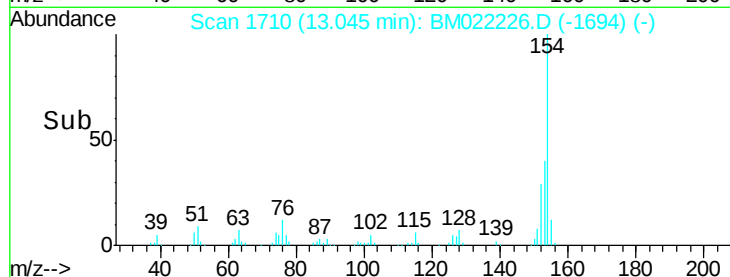
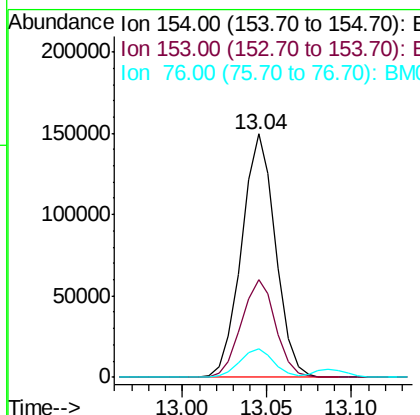
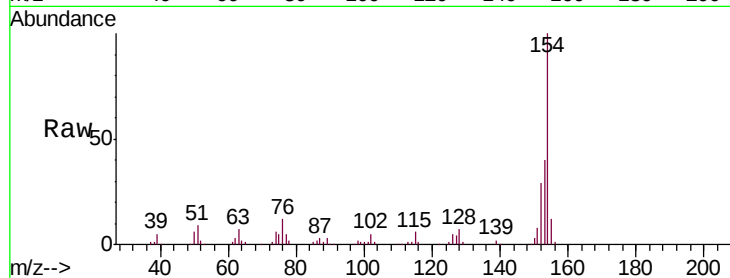




#46
 1,1'-Biphenyl
 Concen: 35.002 ng
 RT: 13.04 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

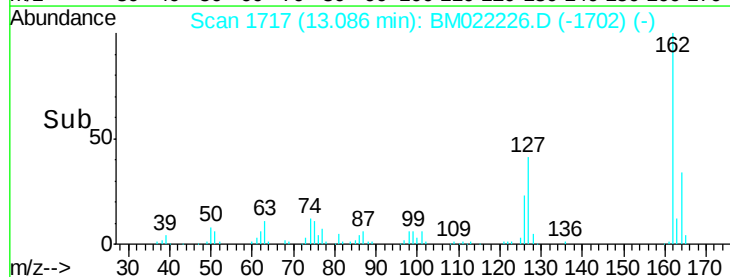
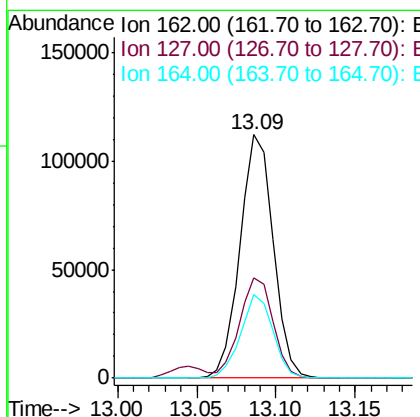
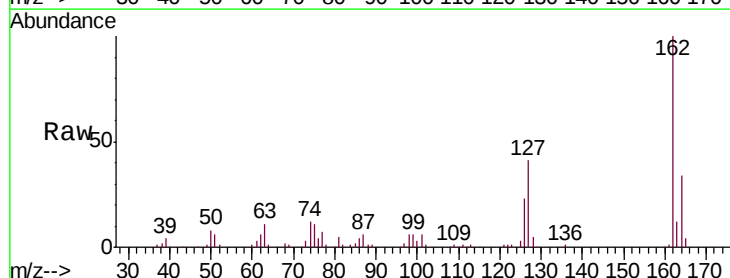
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

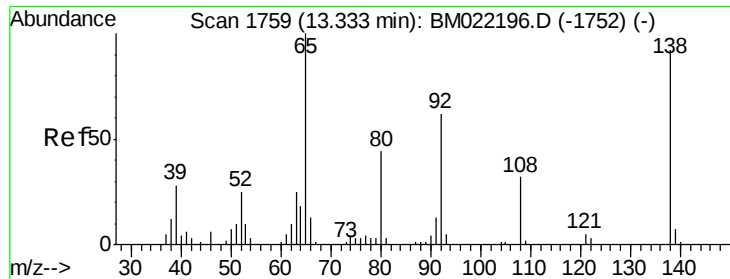
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	11.7	0.0	30.9



#47
 2-Chloronaphthalene
 Concen: 33.277 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	29.4	44.2
164	34.2	26.5	39.7





#48

2-Nitroaniline

Concen: 30.978 ng

RT: 13.33 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

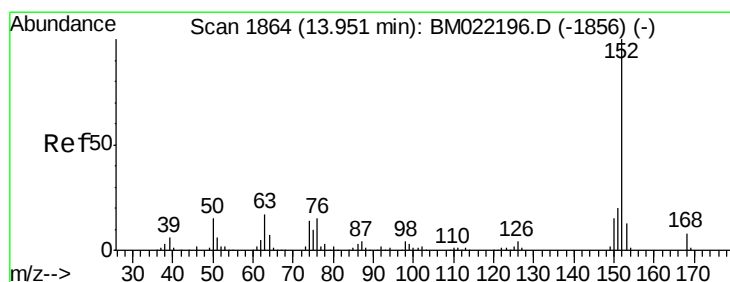
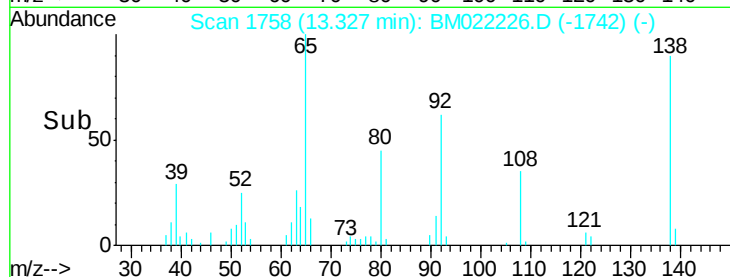
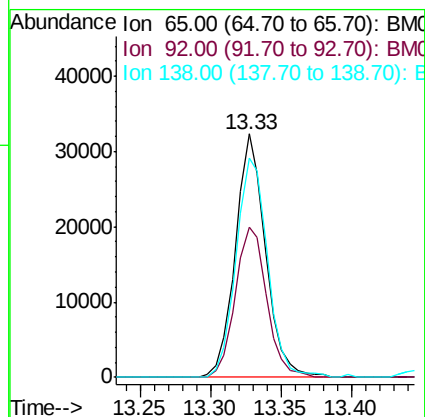
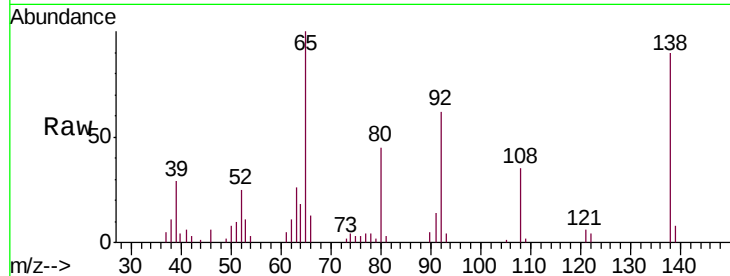
Tgt Ion: 65 Resp: 48176

Ion Ratio Lower Upper

65 100

92 61.5 56.3 84.5

138 90.2 92.6 139.0#



#49

Acenaphthylene

Concen: 34.102 ng

RT: 13.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

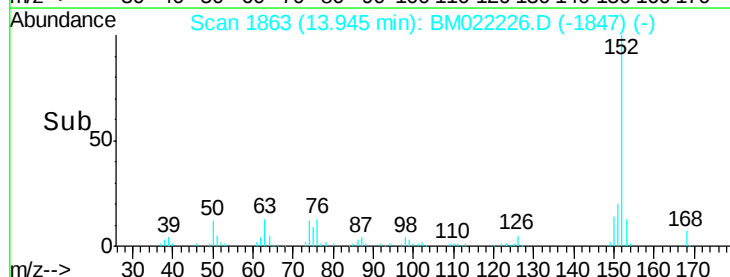
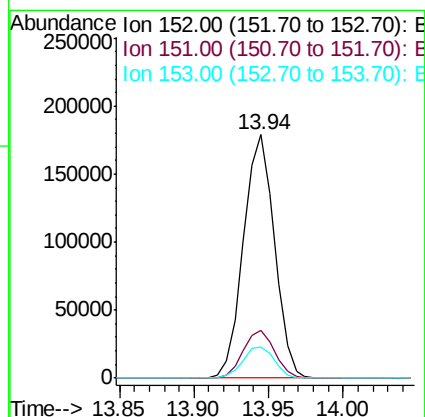
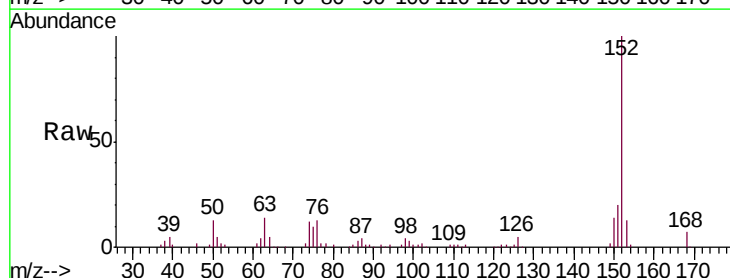
Tgt Ion: 152 Resp: 257359

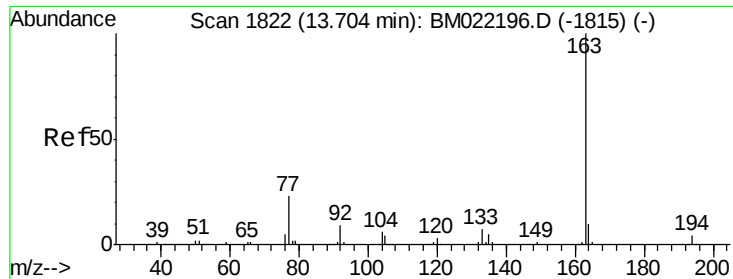
Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 12.8 10.6 16.0





#50

Dimethylphthalate

Concen: 46.963 ng

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

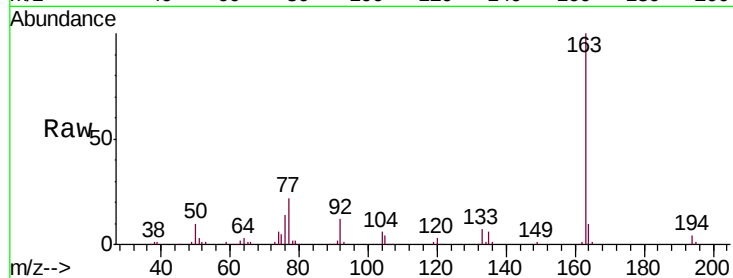
Tgt Ion:163 Resp: 300148

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

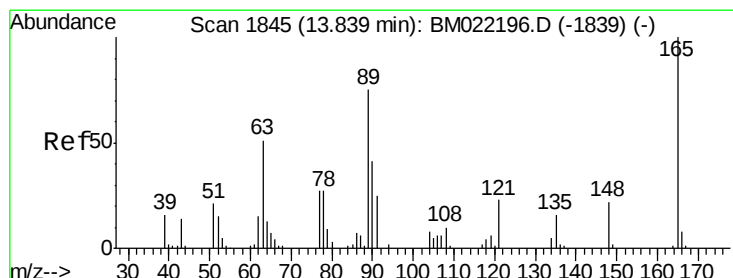
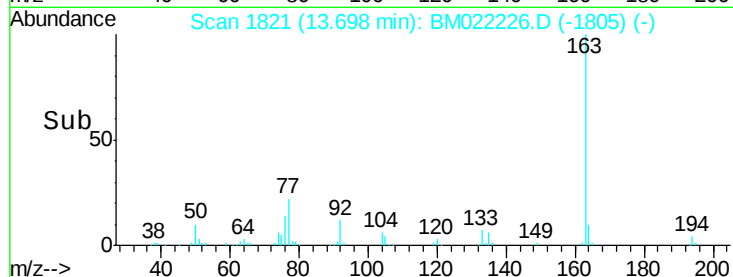
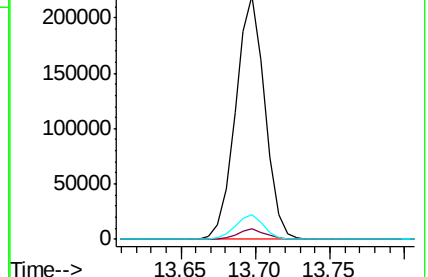
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 33.609 ng

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

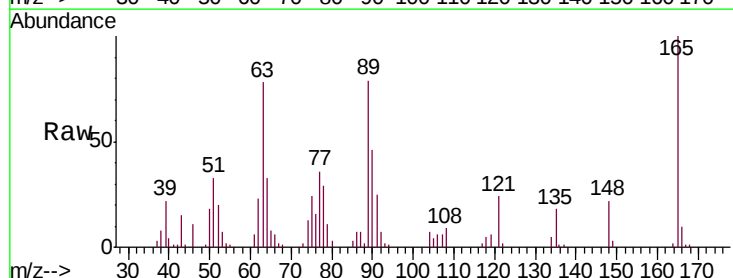
Tgt Ion:165 Resp: 42420

Ion Ratio Lower Upper

165 100

63 77.8 37.8 56.6#

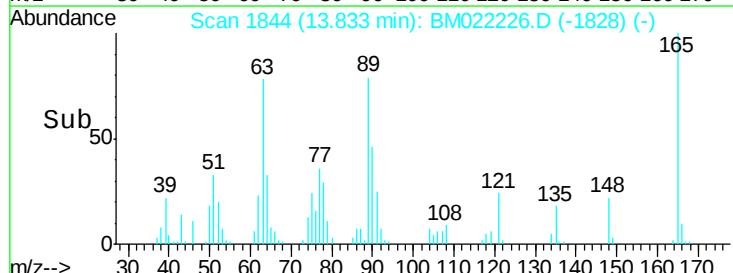
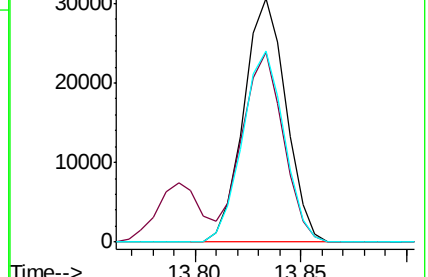
89 78.7 39.7 59.5#

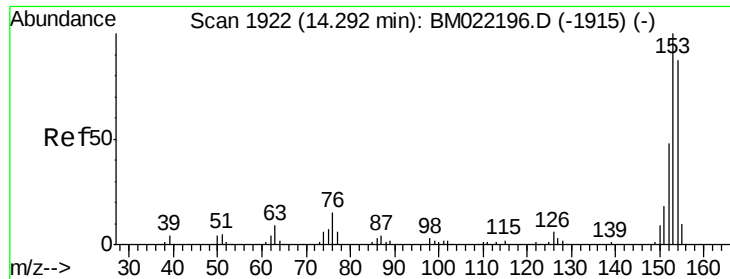


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 33.243 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

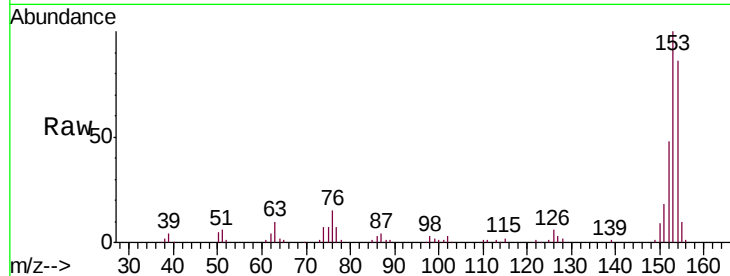
Tgt Ion:154 Resp: 146302

Ion Ratio Lower Upper

154 100

153 116.0 91.5 137.3

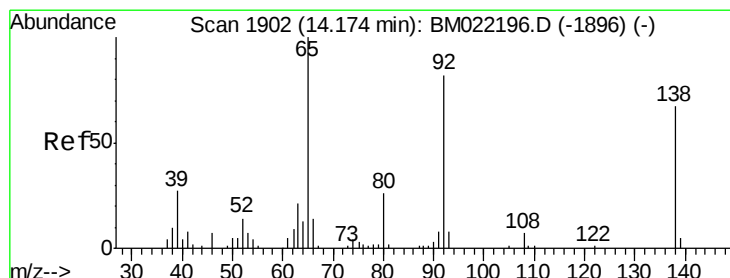
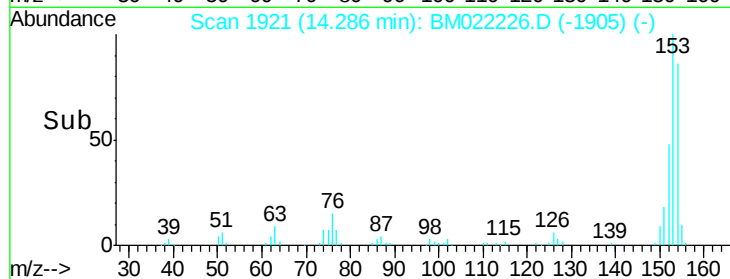
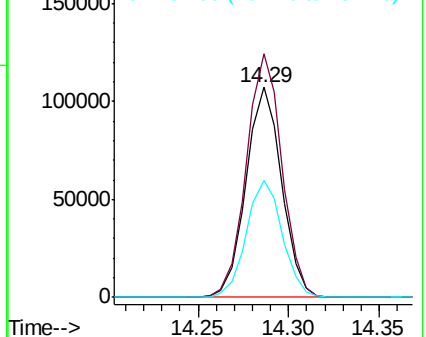
152 55.7 42.3 63.5



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: 17.783 ng

RT: 14.17 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

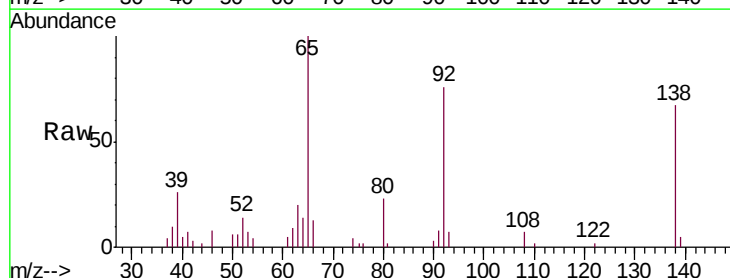
Tgt Ion:138 Resp: 22352

Ion Ratio Lower Upper

138 100

108 10.2 9.0 13.4

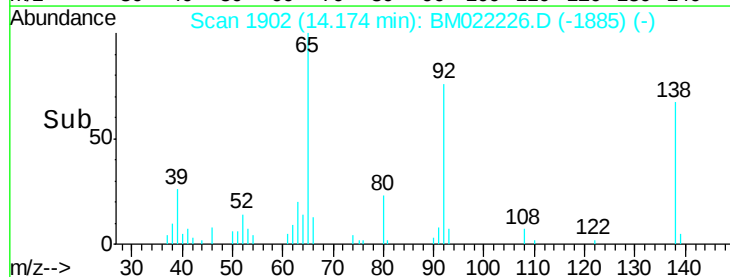
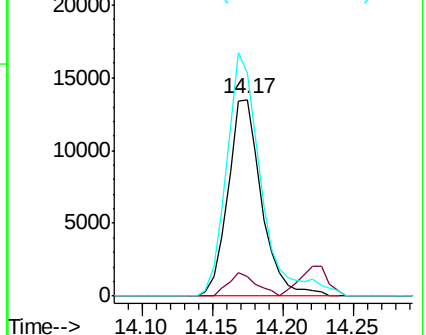
92 114.0 92.2 138.2

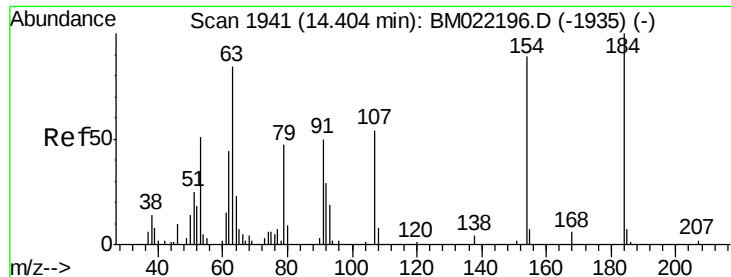


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#54

2,4-Dinitrophenol

Concen: 16.663 ng

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

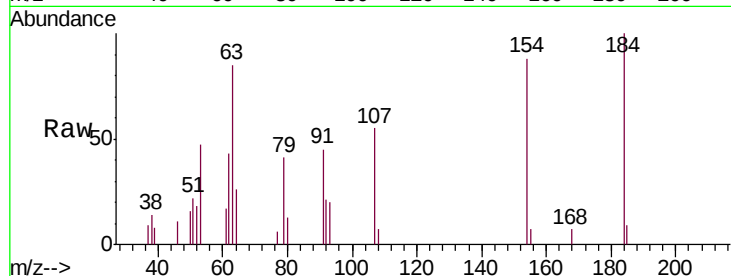
Tgt Ion:184 Resp: 8908

Ion Ratio Lower Upper

184 100

63 84.9 45.5 68.3#

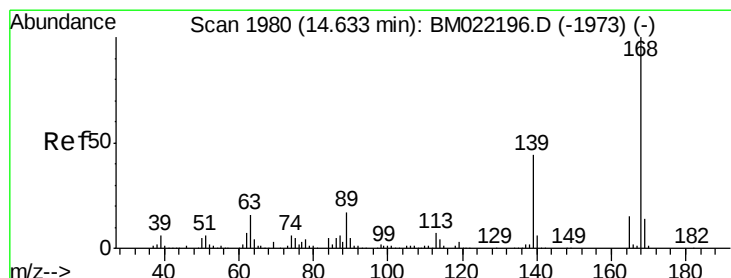
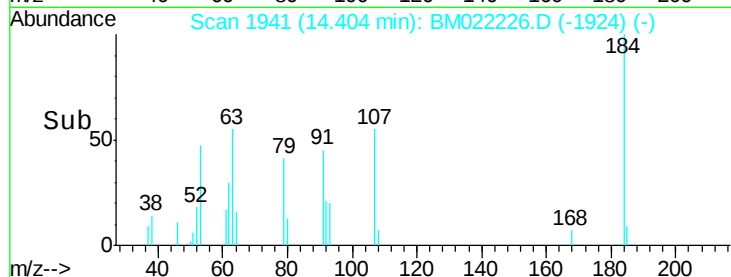
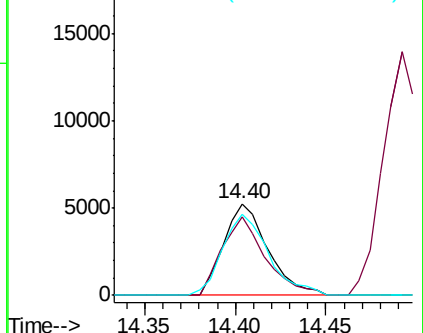
154 88.3 50.6 76.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 33.376 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

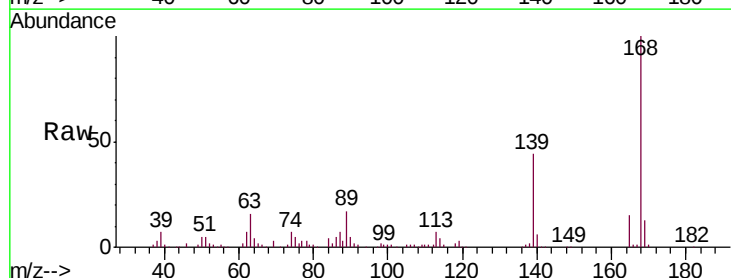
Tgt Ion:168 Resp: 244081

Ion Ratio Lower Upper

168 100

139 43.9 28.4 42.6#

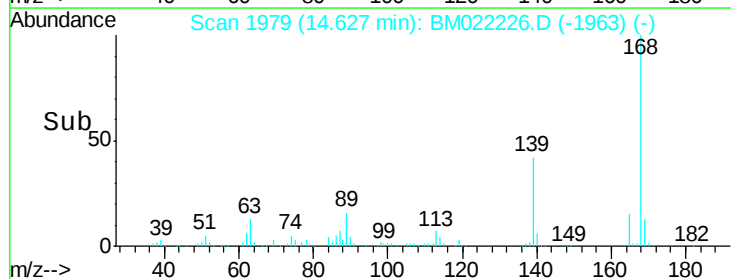
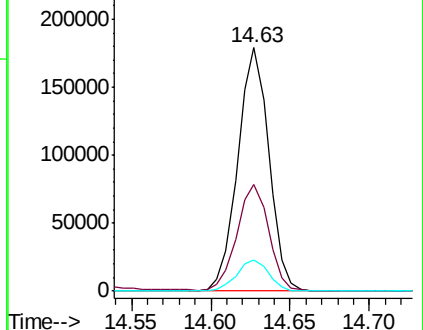
169 12.9 10.6 16.0

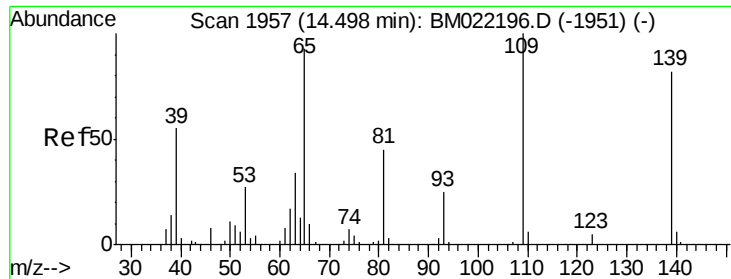


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 69.321 ng

RT: 14.49 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

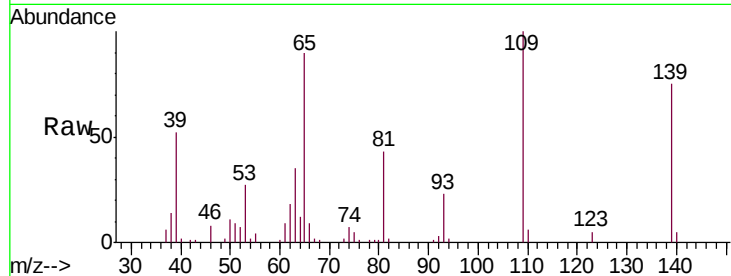
Tgt Ion:139 Resp: 58072

Ion Ratio Lower Upper

139 100

109 133.0 53.3 93.3#

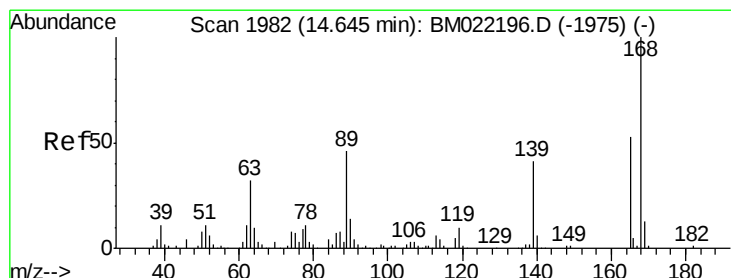
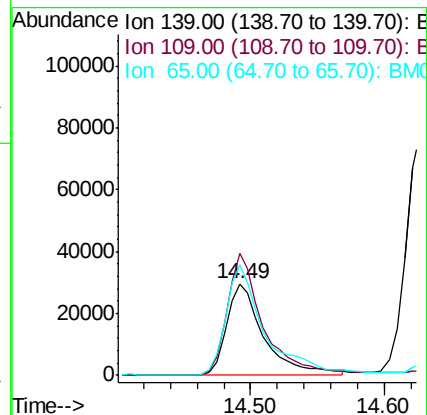
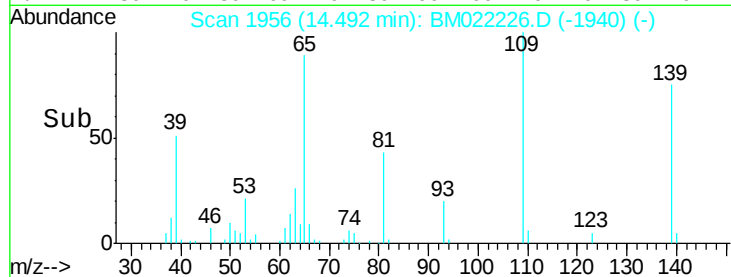
65 120.3 70.3 110.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#57

2,4-Dinitrotoluene

Concen: 31.653 ng

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:165 Resp: 57354

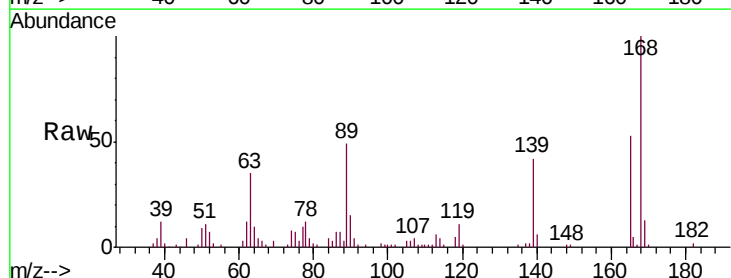
Ion Ratio Lower Upper

165 100

63 65.6 29.6 44.4#

89 92.3 49.5 74.3#

182 2.9 2.4 3.6

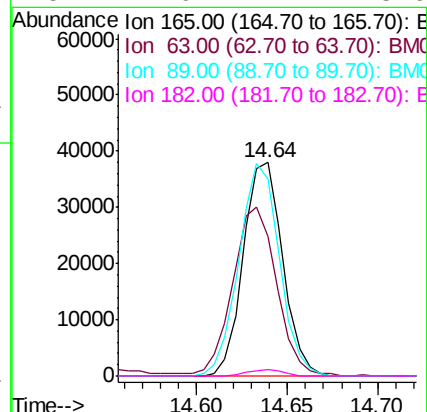
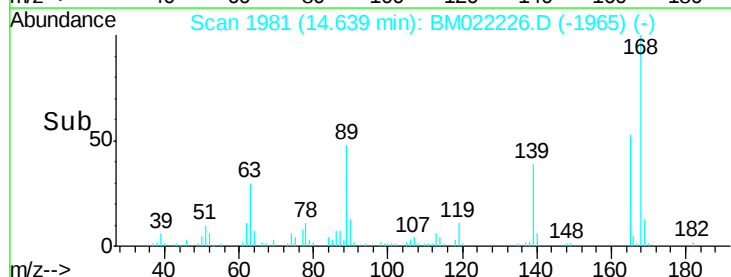


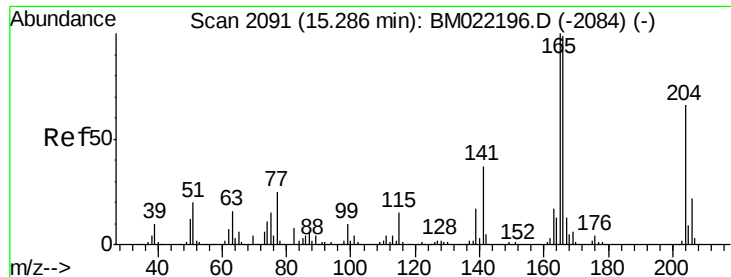
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 30.864 ng

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

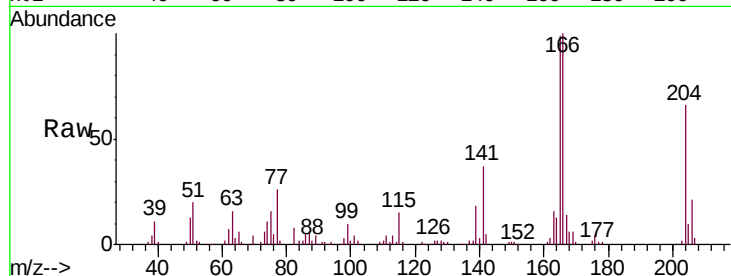
Tgt Ion:166 Resp: 190282

Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

167 13.6 10.9 16.3

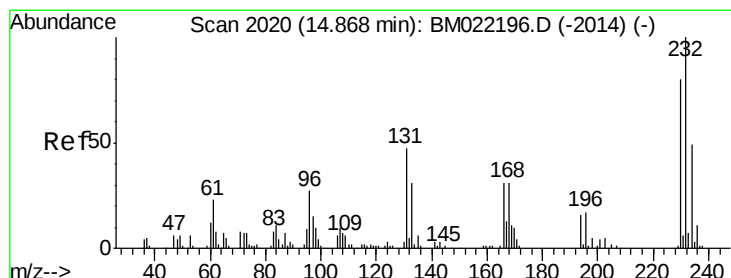
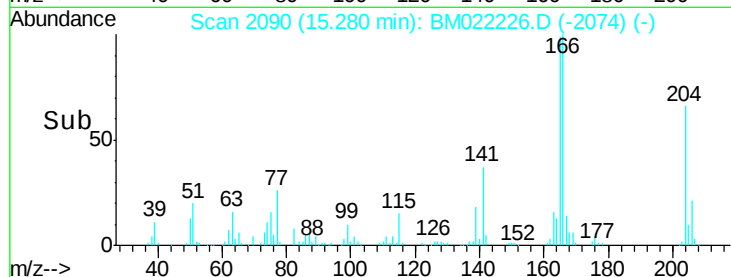
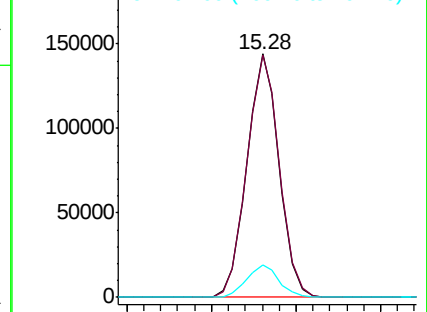


Abundance

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: 32.993 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:232 Resp: 59559

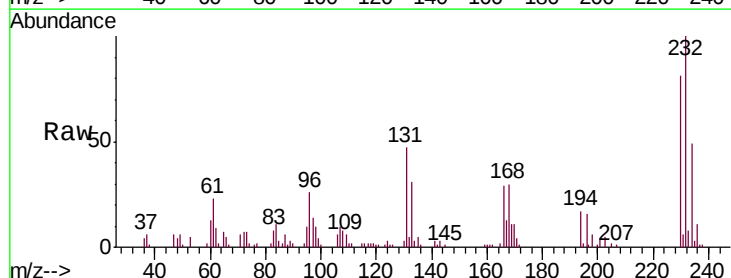
Ion Ratio Lower Upper

232 100

131 44.6 30.6 46.0

130 2.9 1.7 2.5#

166 27.9 23.4 35.0



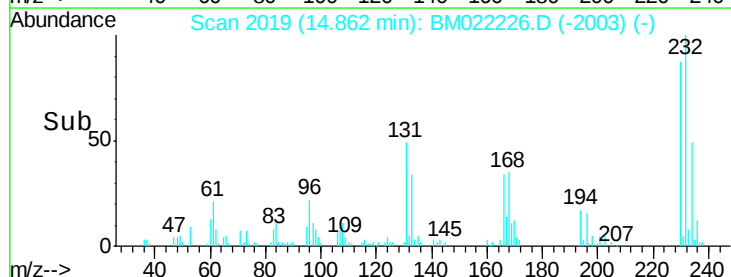
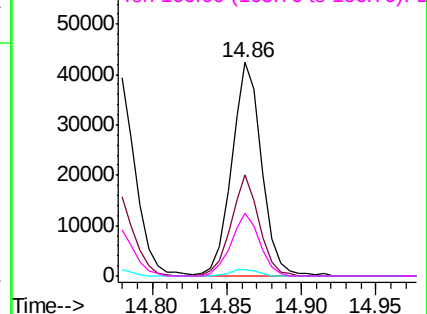
Abundance

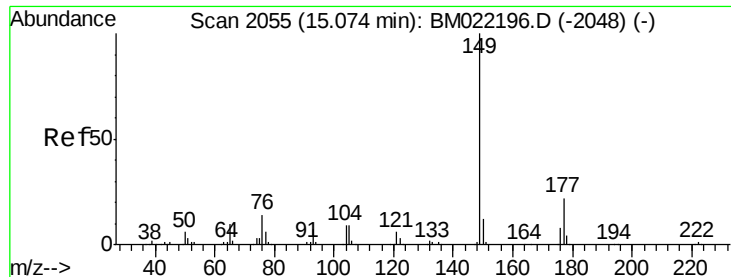
Ion 232.00 (231.70 to 232.70): E

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

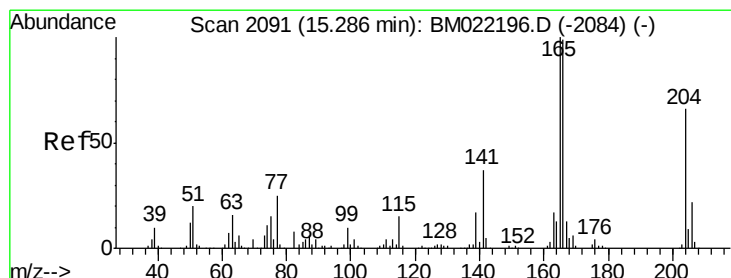
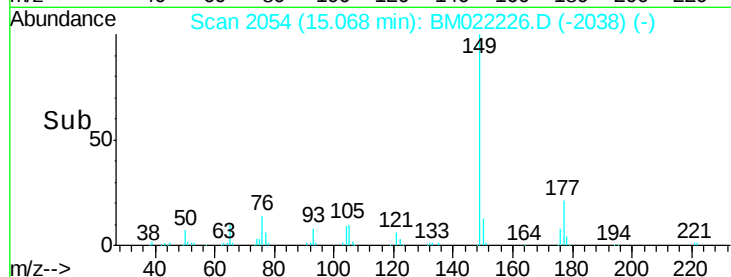
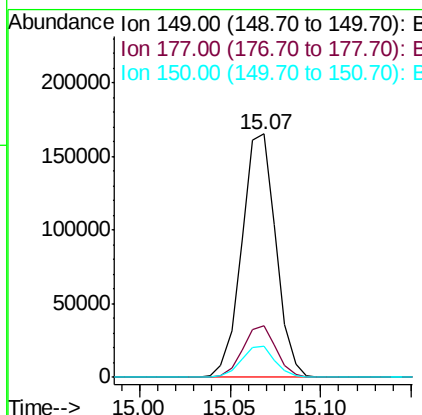
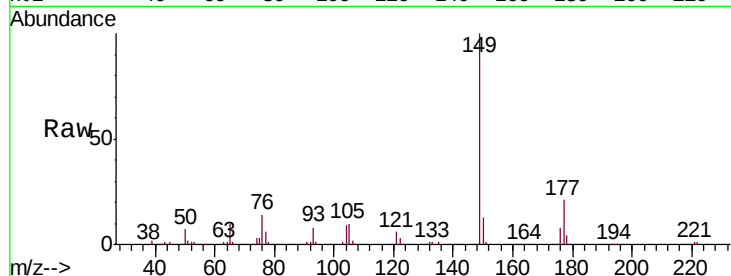




#60
Diethylphthalate
Concen: 31.974 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

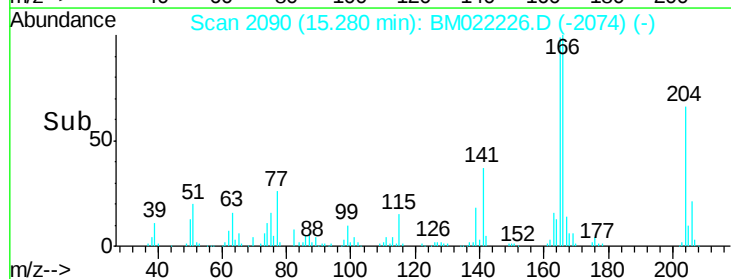
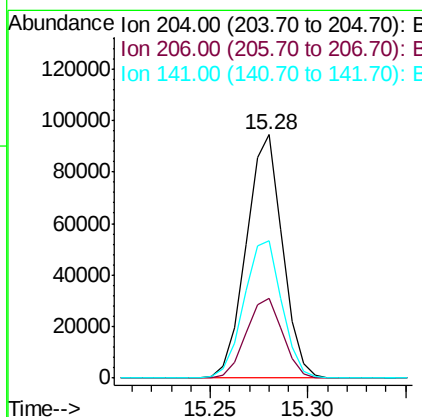
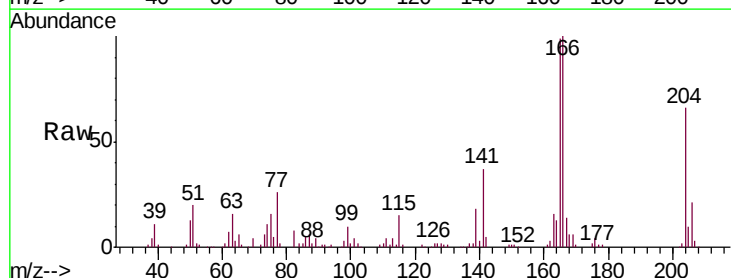
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

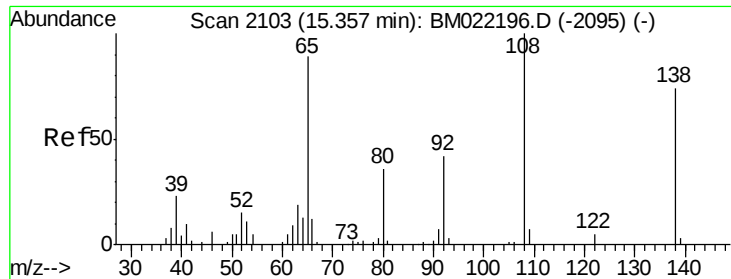
Tgt Ion:149 Resp: 215496
Ion Ratio Lower Upper
149 100
177 21.2 19.1 28.7
150 12.9 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 31.149 ng
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion:204 Resp: 121029
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 56.2 40.7 61.1

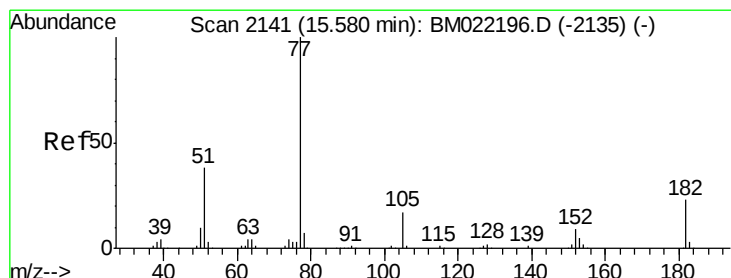
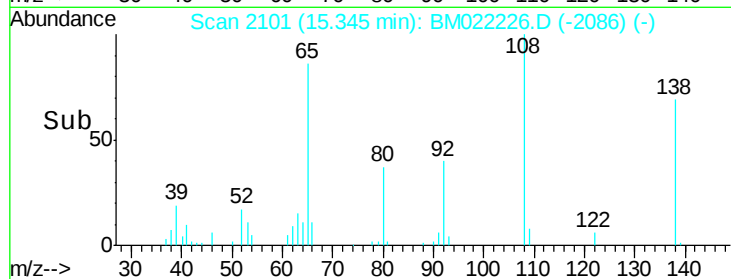
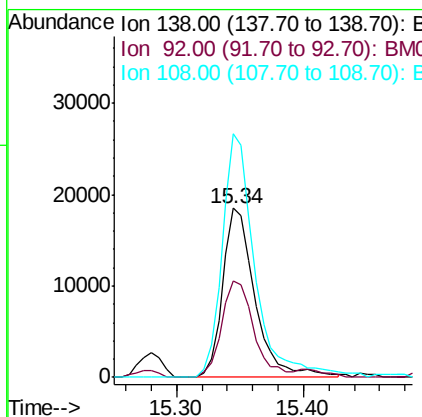
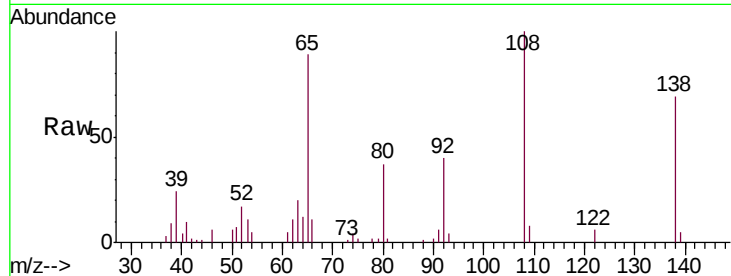




#62
4-Nitroaniline
Concen: 28.144 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

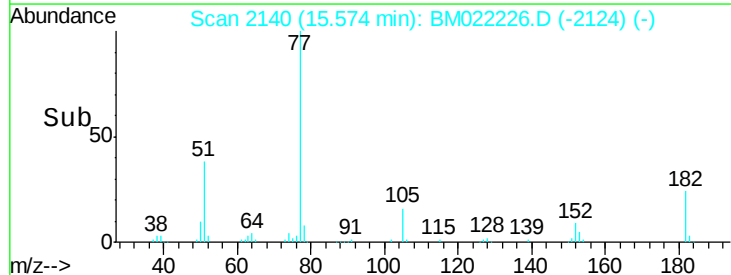
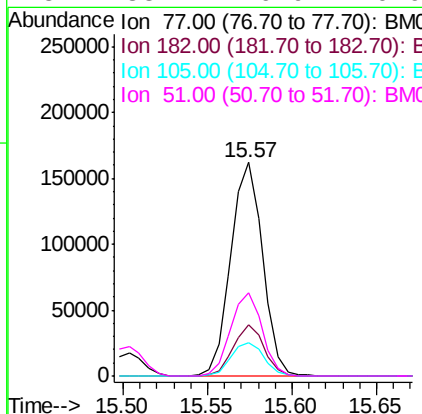
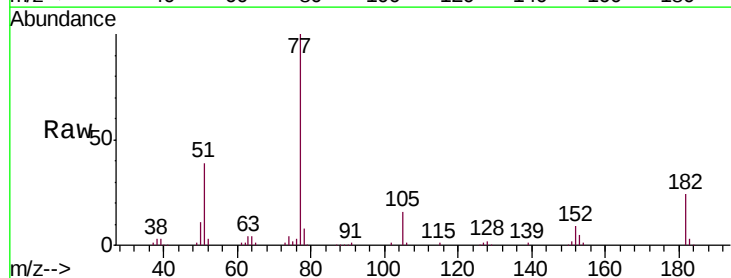
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

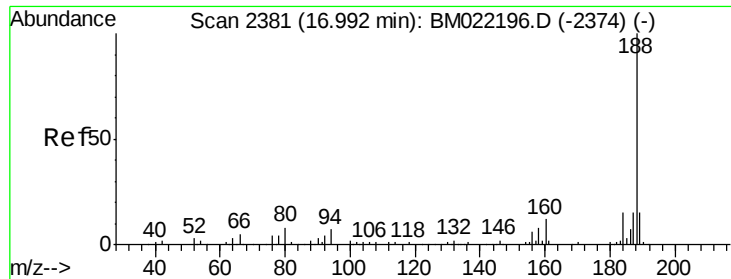
Tgt Ion: 138 Resp: 32741
Ion Ratio Lower Upper
138 100
92 57.1 29.1 69.1
108 144.3 59.2 99.2#



#63
Azobenzene
Concen: 32.783 ng
RT: 15.57 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion: 77 Resp: 212910
Ion Ratio Lower Upper
77 100
182 23.7 12.6 52.6
105 15.6 1.1 41.1
51 38.7 6.9 46.9

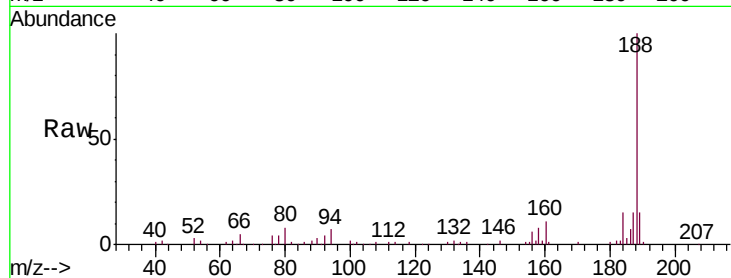




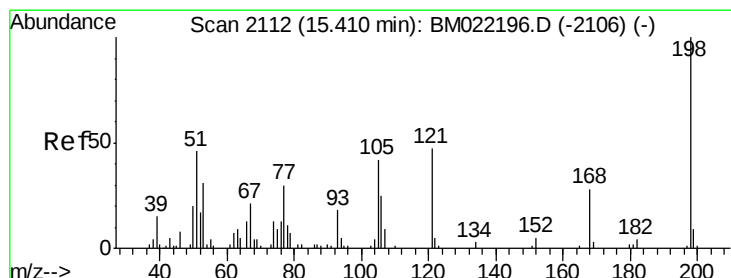
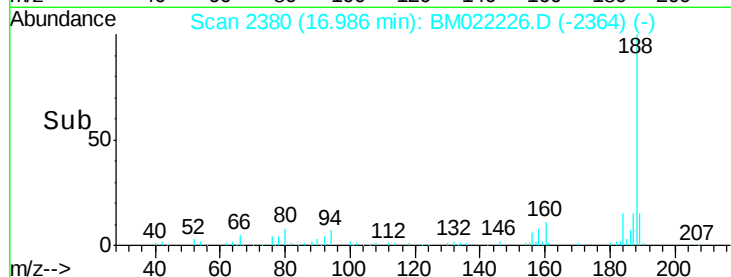
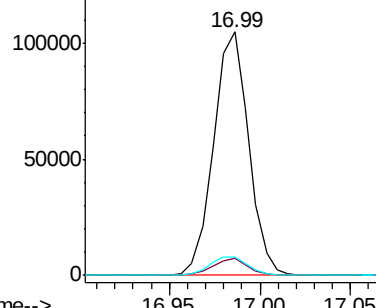
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2380
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tgt Ion:188 Resp: 140646
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.8 8.8
 80 7.5 6.9 10.3

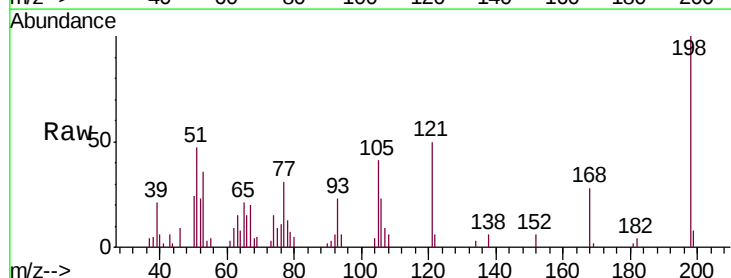


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM0
 Ion 80.00 (79.70 to 80.70): BM0

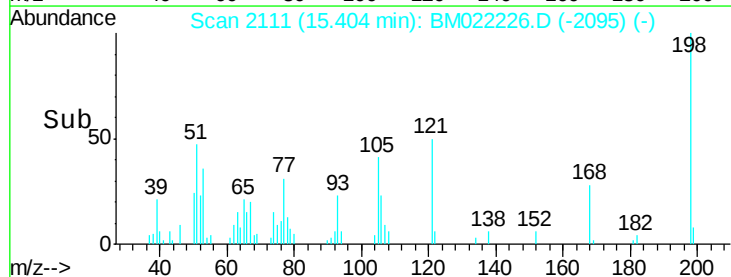
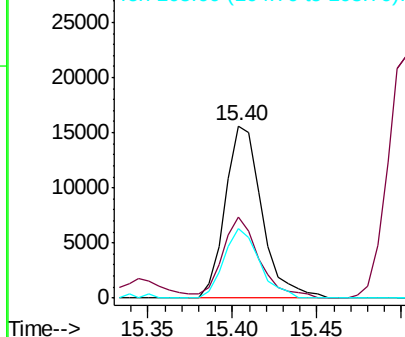


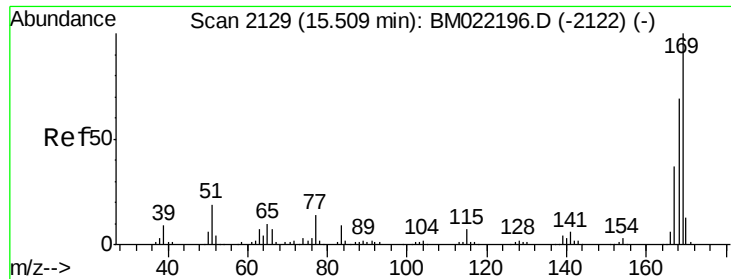
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.653 ng
 RT: 15.40 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:198 Resp: 23486
 Ion Ratio Lower Upper
 198 100
 51 47.4 15.3 55.3
 105 40.8 16.8 56.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM0
 Ion 105.00 (104.70 to 105.70): E

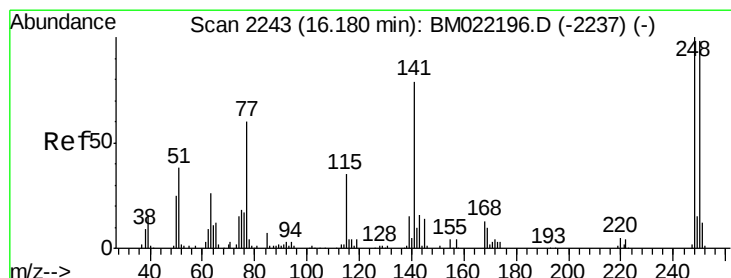
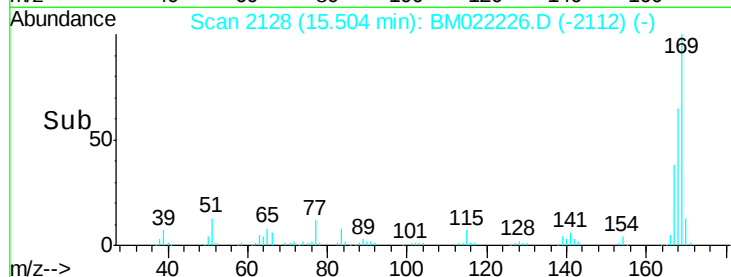
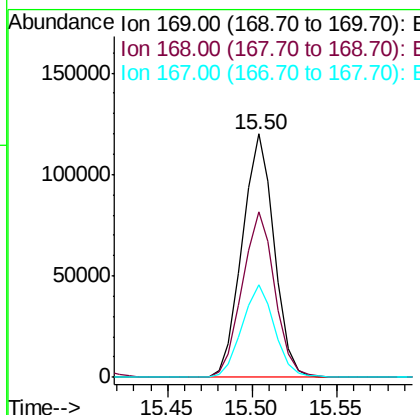
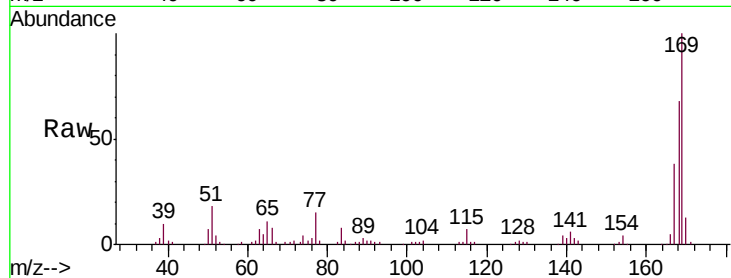




#66
 n-Nitrosodiphenylamine
 Concen: 35.066 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

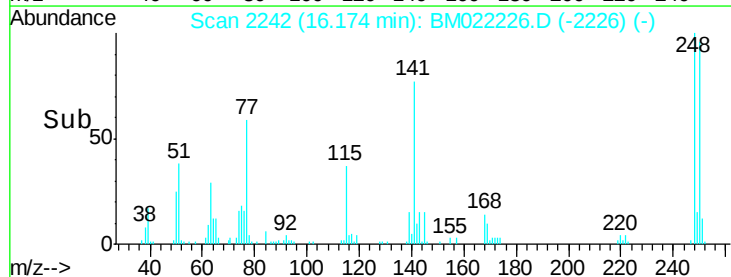
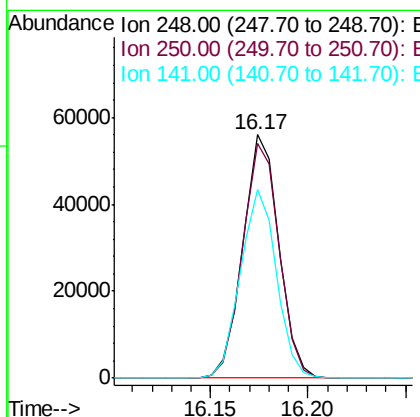
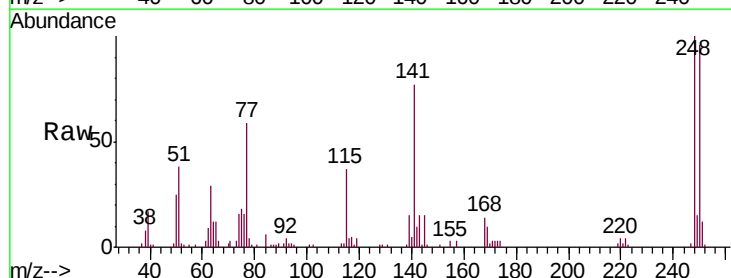
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

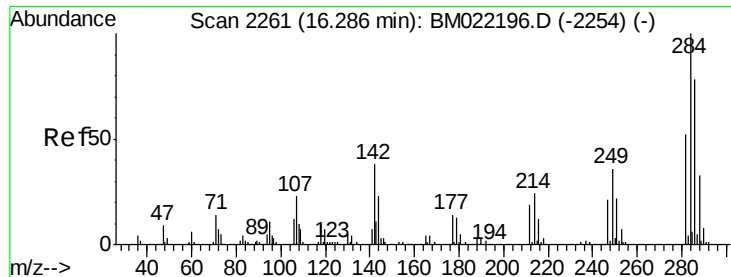
Tgt Ion:169 Resp: 158138
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.5 81.7
 167 38.3 29.0 43.6



#67
 4-Bromophenyl-phenylether
 Concen: 34.342 ng
 RT: 16.17 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:248 Resp: 71575
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.5 116.3
 141 77.4 47.8 71.6#

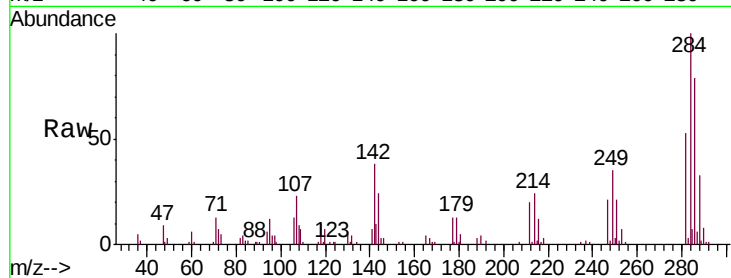




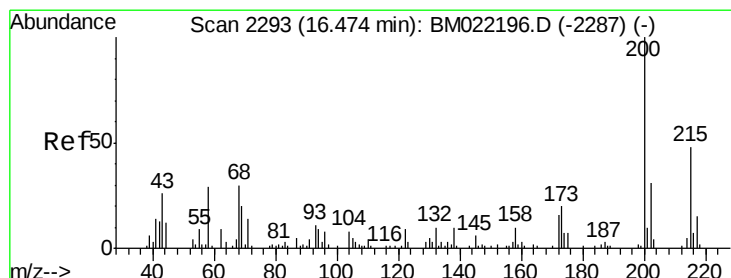
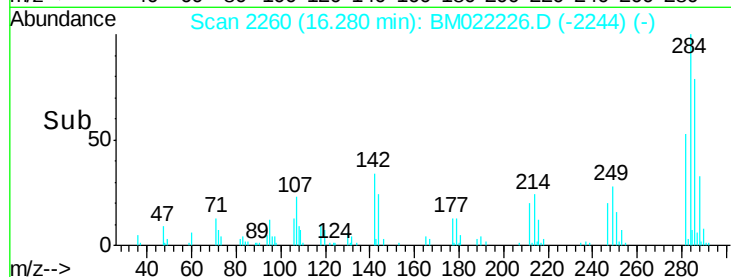
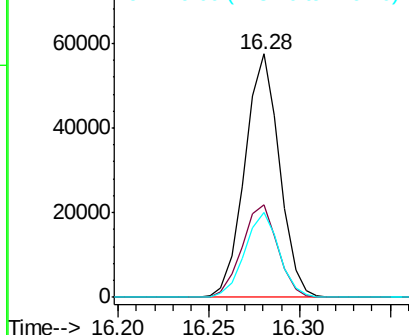
#68
Hexachlorobenzene
Concen: 32.135 ng
RT: 16.28 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tgt Ion:284 Resp: 76089
Ion Ratio Lower Upper
284 100
142 37.9 21.2 31.8#
249 34.7 23.4 35.0

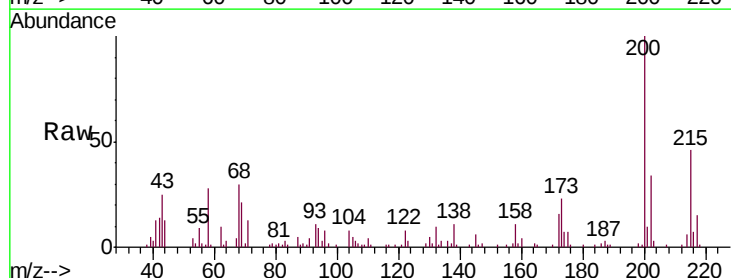


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

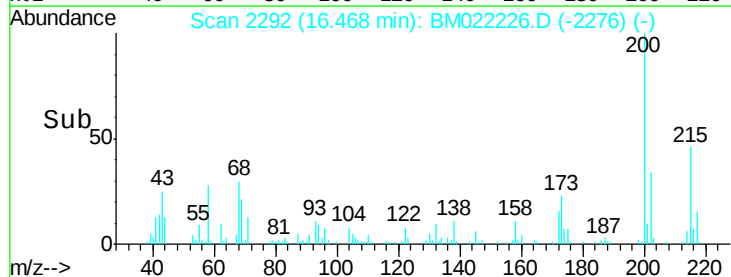
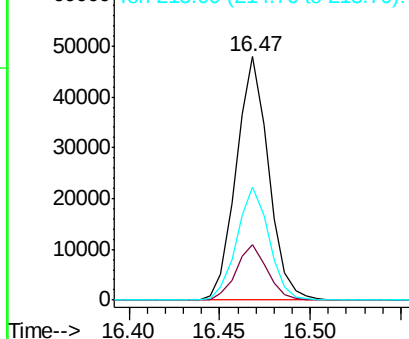


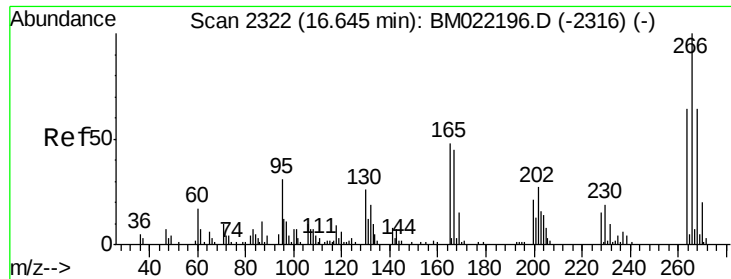
#69
Atrazine
Concen: 39.795 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion:200 Resp: 59429
Ion Ratio Lower Upper
200 100
173 22.7 4.3 44.3
215 46.4 28.2 68.2



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

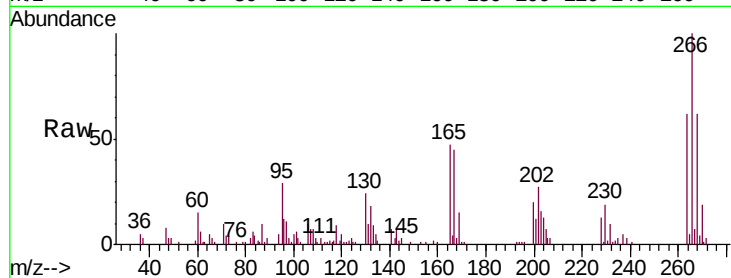




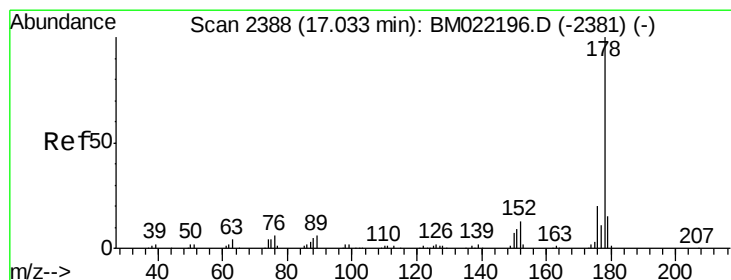
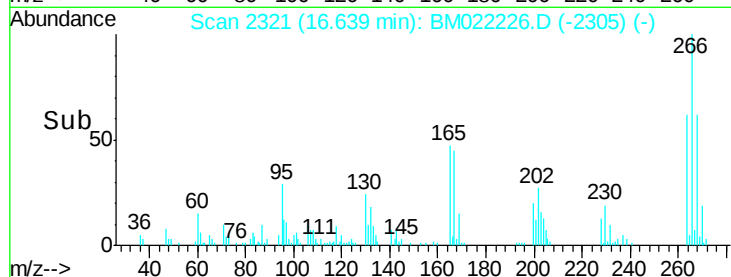
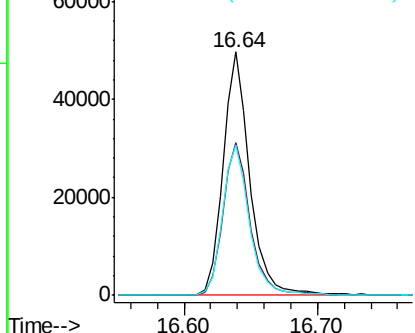
#70
 Pentachlorophenol
 Concen: 60.532 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tgt Ion:266 Resp: 69732
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.0 76.4
 264 61.6 49.9 74.9

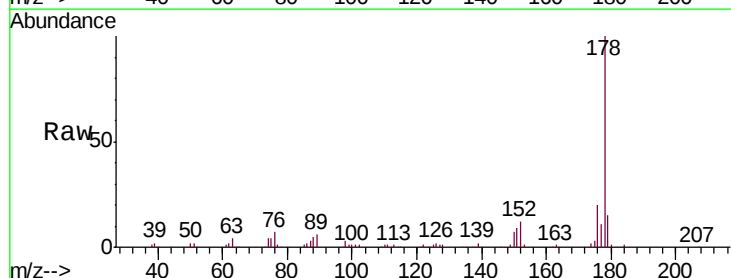


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

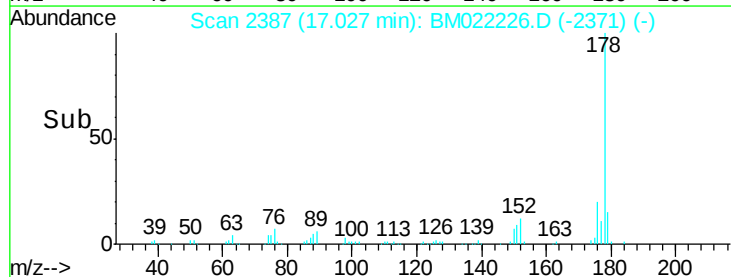
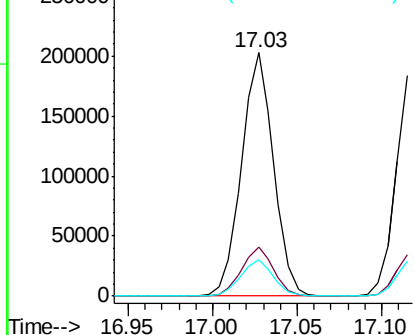


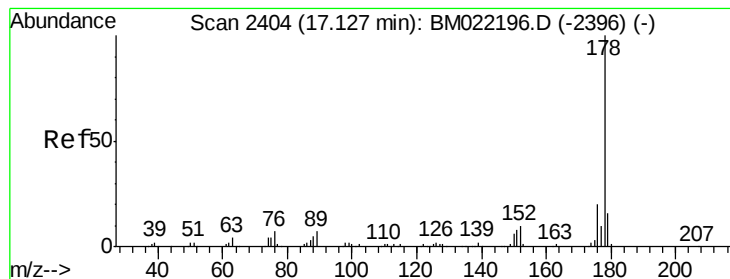
#71
 Phenanthrene
 Concen: 32.779 ng
 RT: 17.03 min Scan# 2387
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:178 Resp: 267355
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.2 22.8
 179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 33.664 ng

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

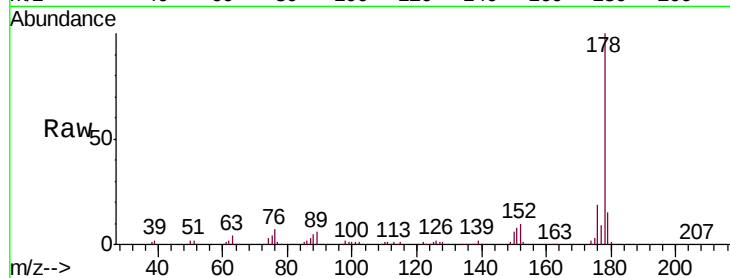
Tgt Ion:178 Resp: 272560

Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

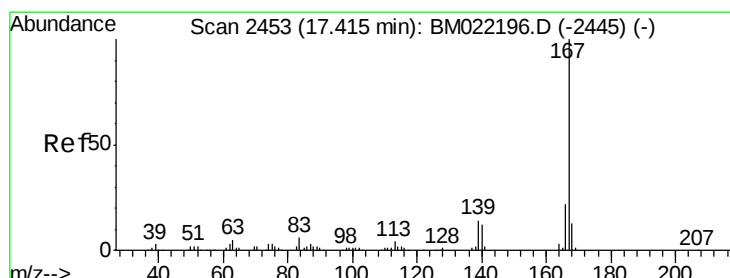
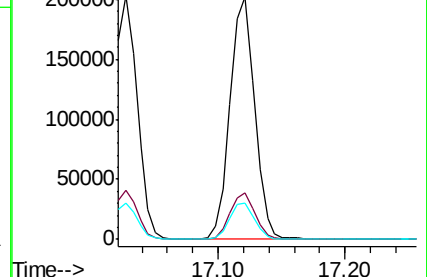
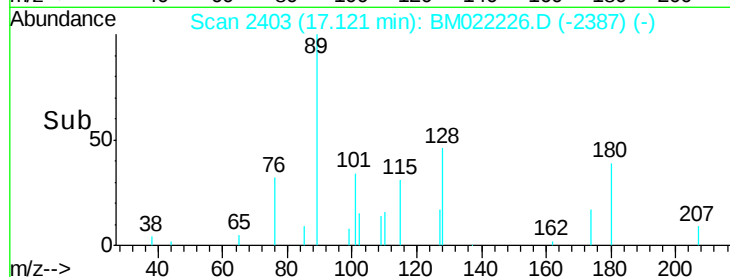
179 14.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 32.206 ng

RT: 17.41 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

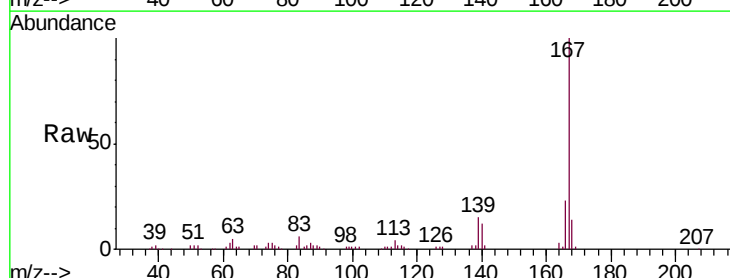
Tgt Ion:167 Resp: 217584

Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.2

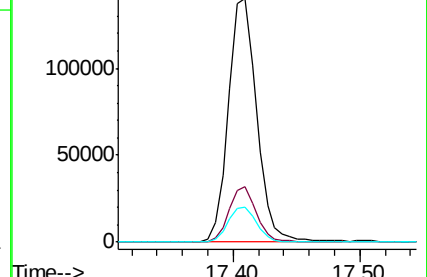
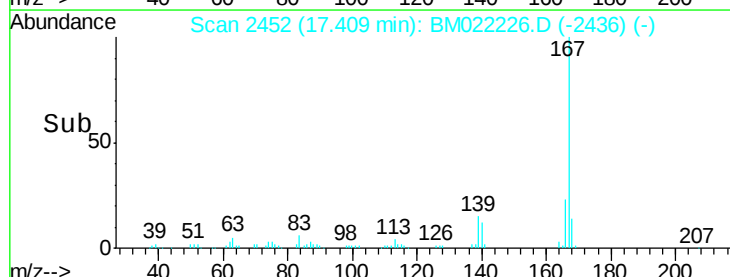
139 14.5 9.7 14.5#

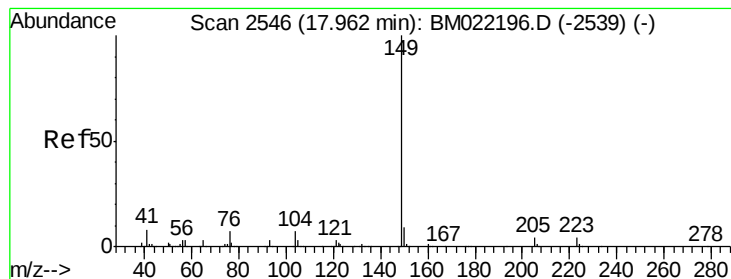


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 31.186 ng

RT: 17.96 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

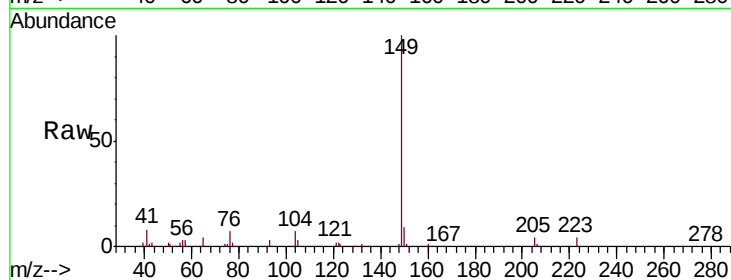
Tgt Ion:149 Resp: 319676

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

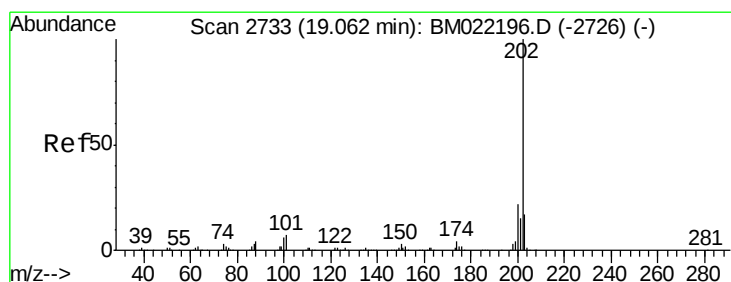
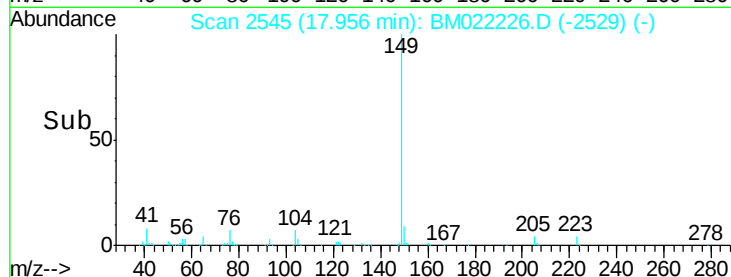
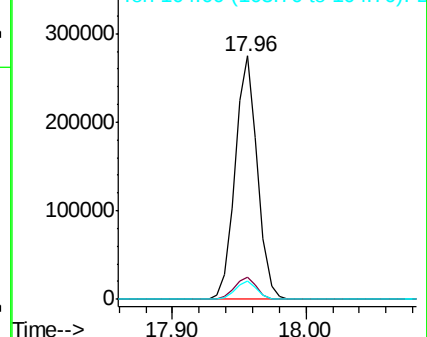
104 7.3 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 30.822 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

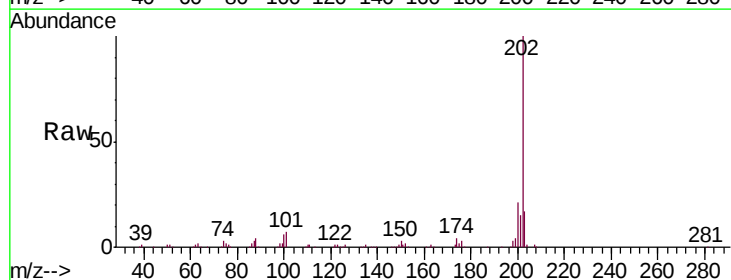
Tgt Ion:202 Resp: 303152

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.2

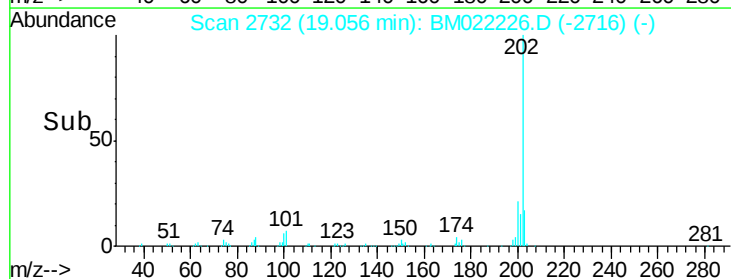
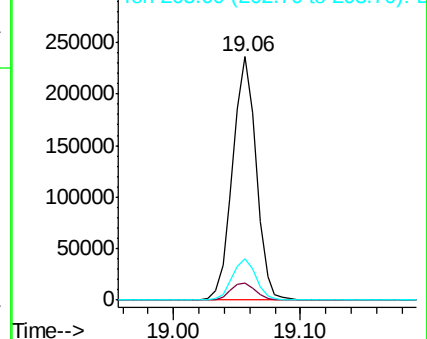
203 17.1 0.0 37.6

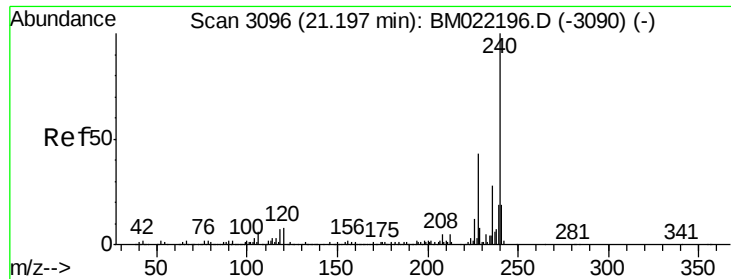


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

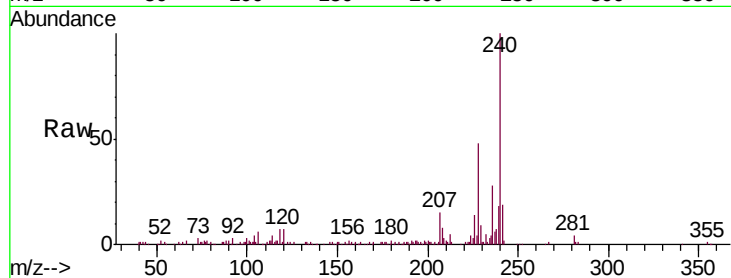




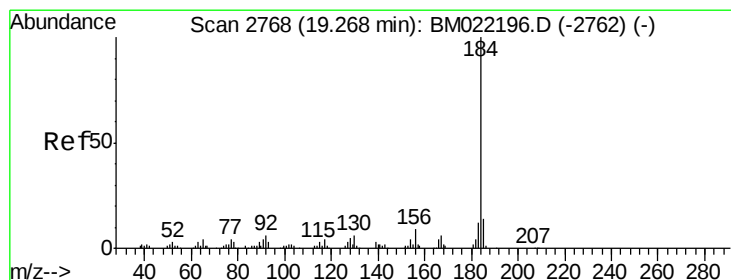
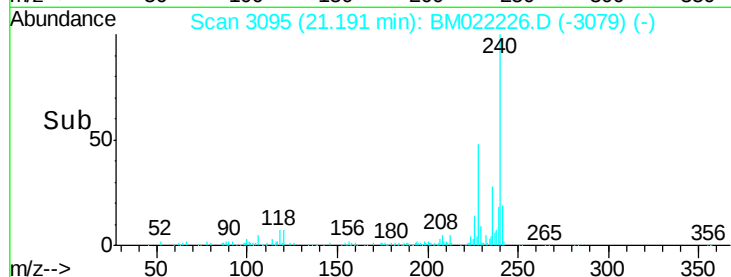
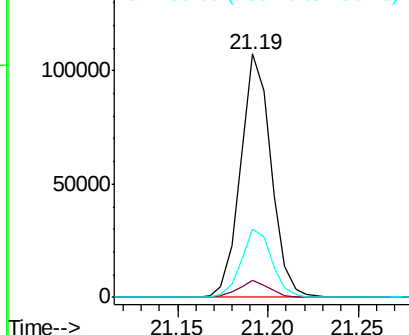
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tgt Ion:240 Resp: 125762
Ion Ratio Lower Upper
240 100
120 7.0 6.9 10.3
236 28.0 20.4 30.6

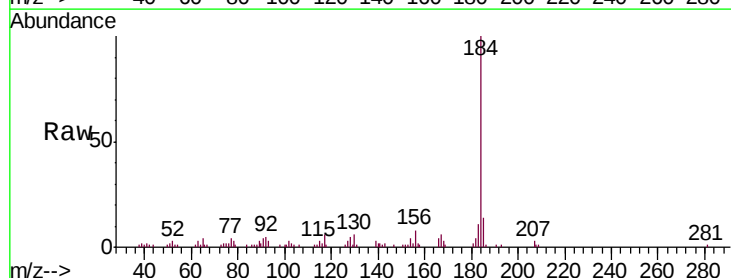


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

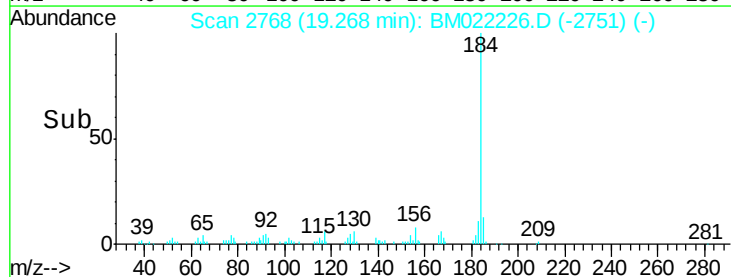
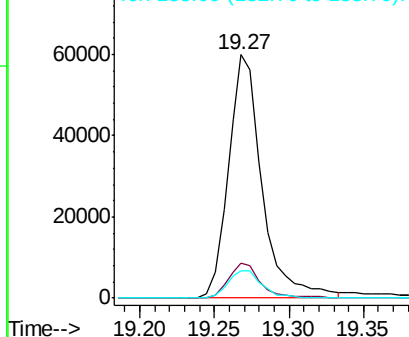


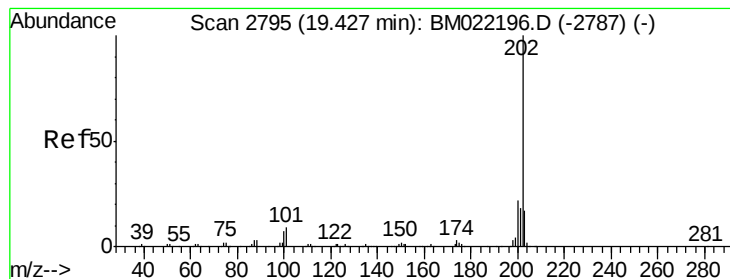
#77
Benzidine
Concen: 33.377 ng
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion:184 Resp: 94149
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 11.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 34.208 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

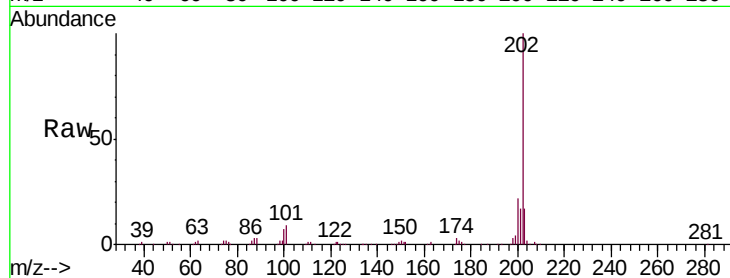
Tgt Ion:202 Resp: 302812

Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.4

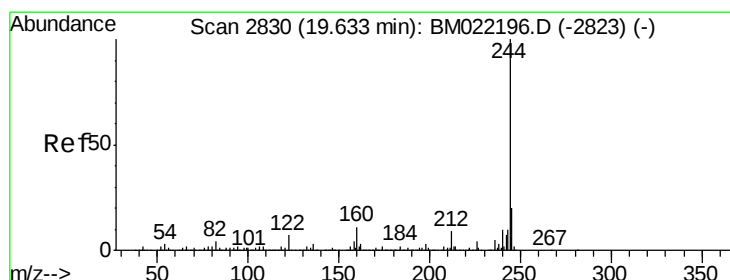
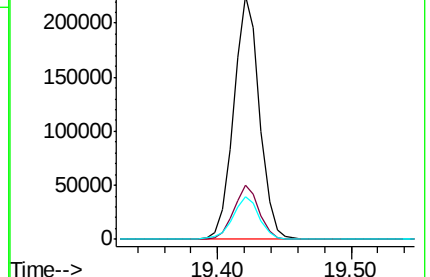
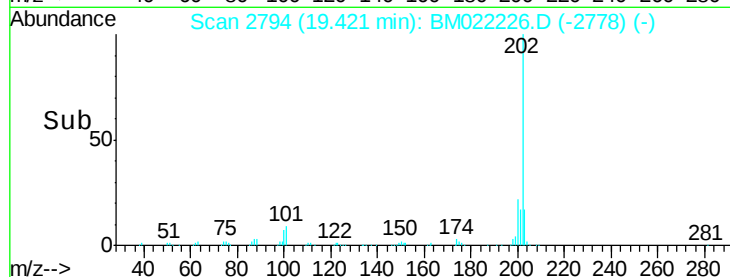
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 64.409 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

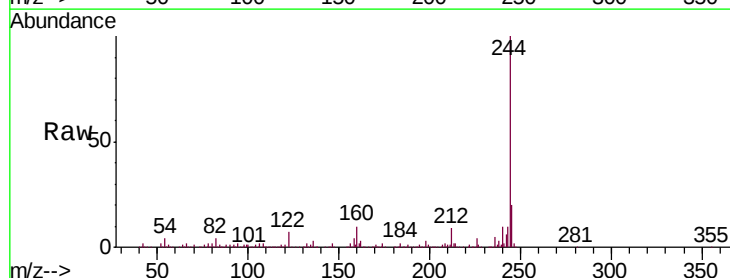
Tgt Ion:244 Resp: 555914

Ion Ratio Lower Upper

244 100

212 8.6 5.3 7.9#

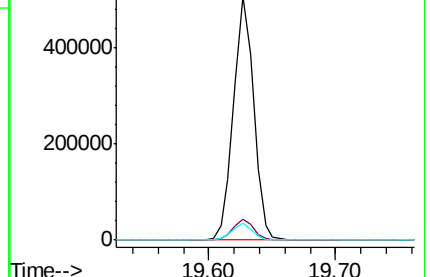
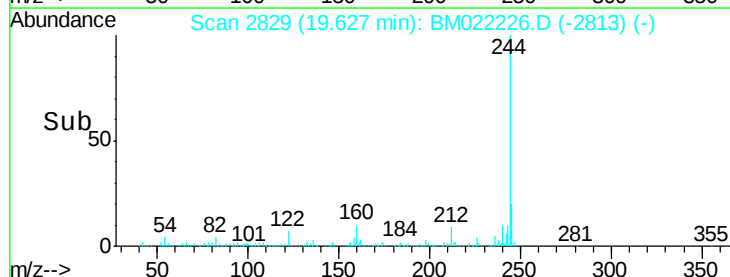
122 6.8 6.6 9.8

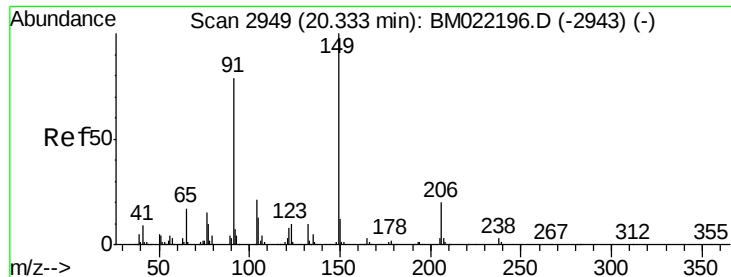


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

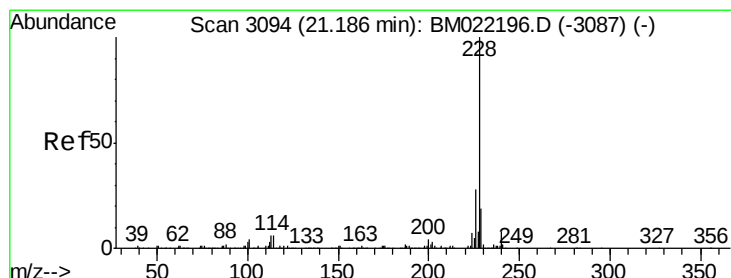
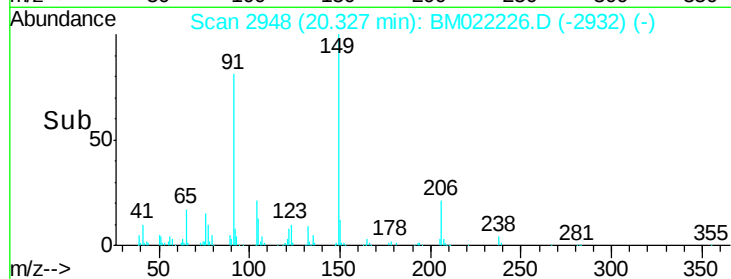
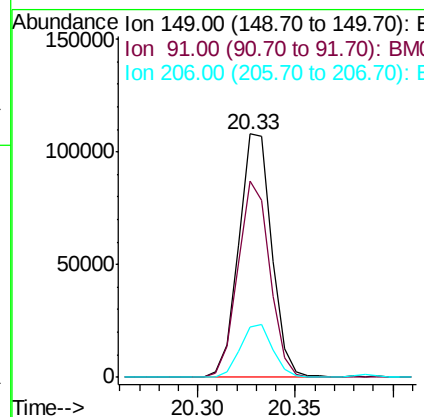
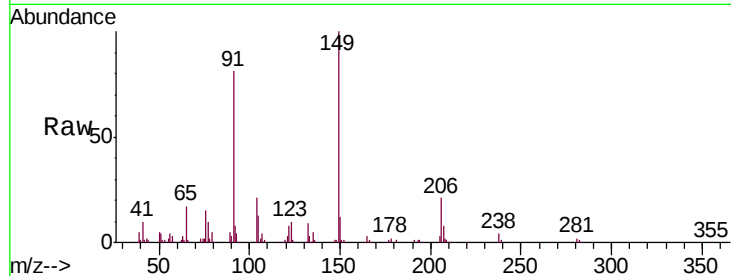




#80
Butylbenzylphthalate
Concen: 31.875 ng
RT: 20.33 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

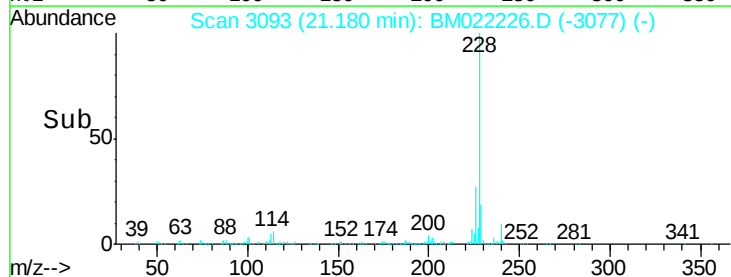
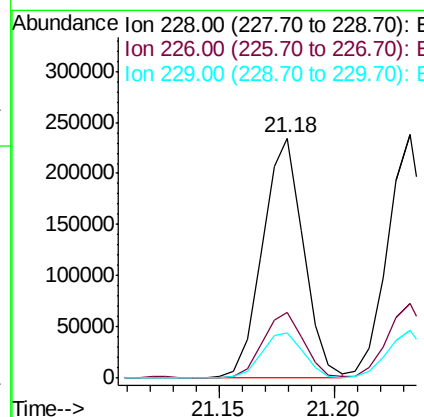
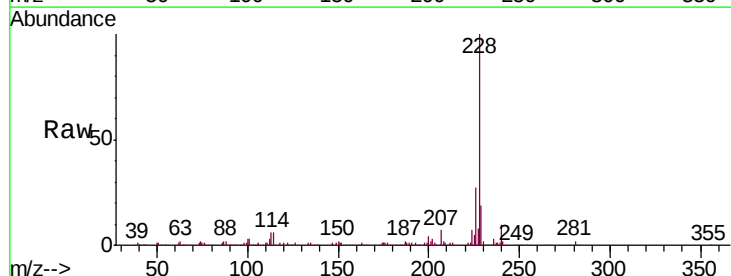
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

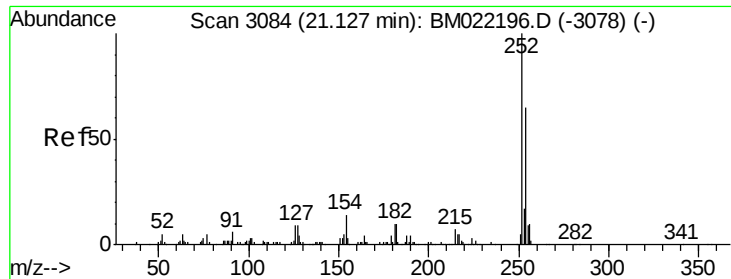
Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.8	50.9	76.3#
206	20.9	19.7	29.5



#81
Benzo(a)anthracene
Concen: 32.542 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	18.9	15.5	23.3

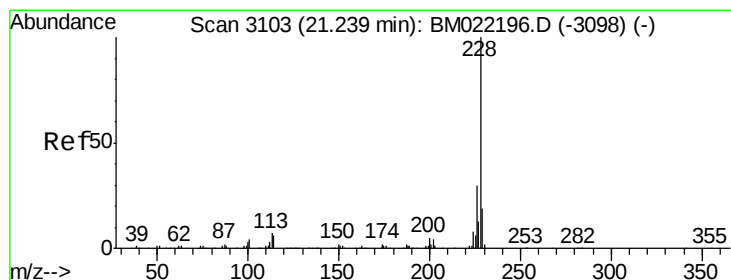
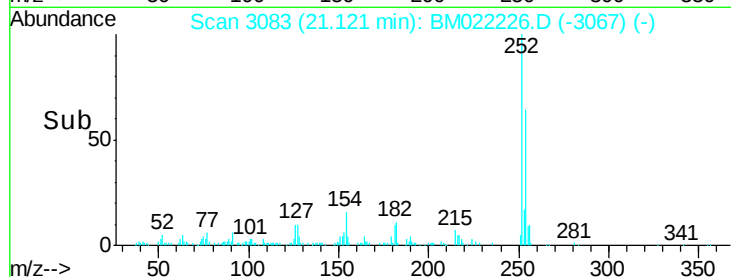
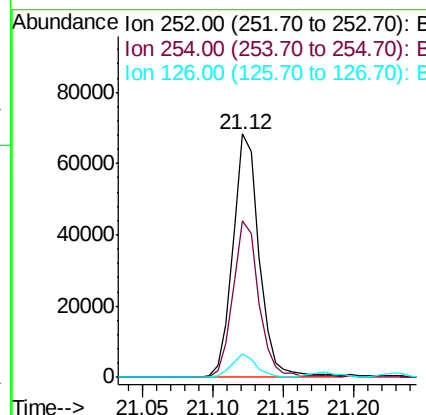
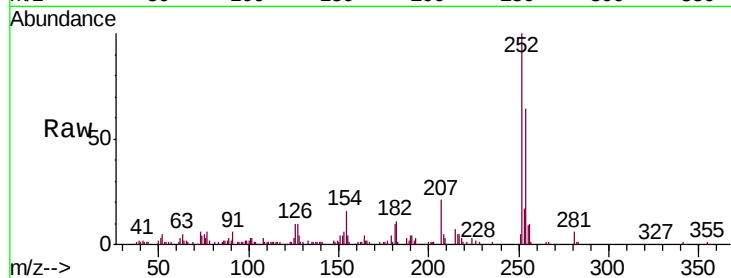




#82
 3,3'-Dichlorobenzidine
 Concen: 28.802 ng
 RT: 21.12 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

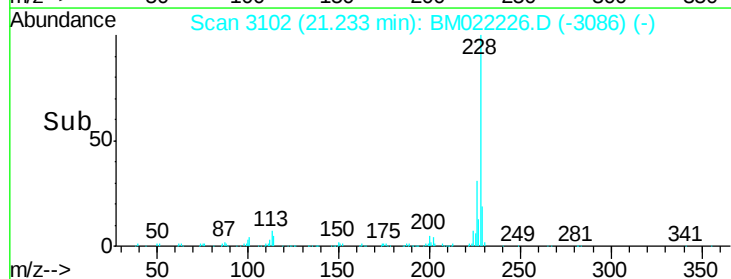
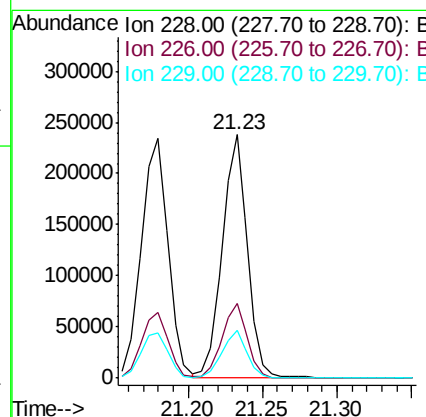
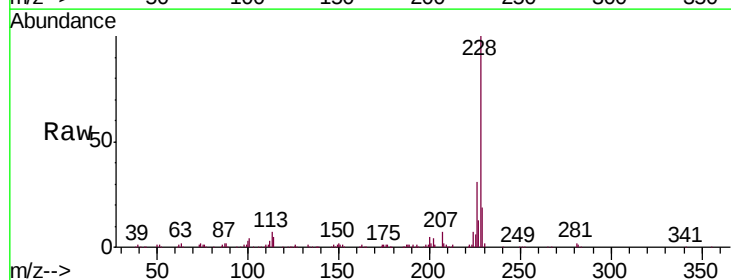
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

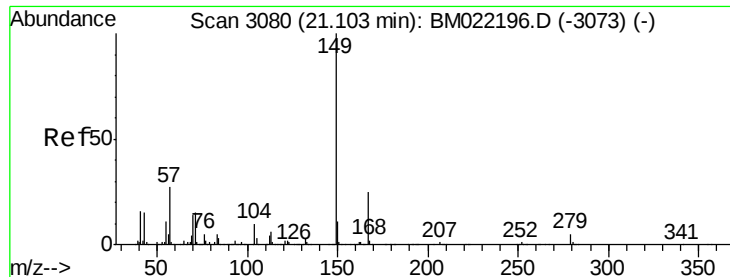
Tgt Ion:252 Resp: 88816
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.7 77.5
 126 9.8 6.6 9.8



#83
 Chrysene
 Concen: 33.005 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:228 Resp: 281792
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.1 36.1
 229 19.4 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 31.768 ng

RT: 21.10 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

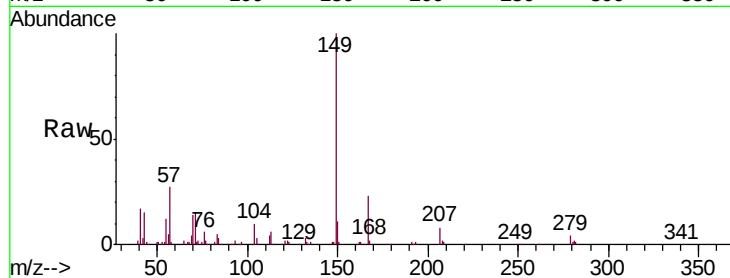
Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

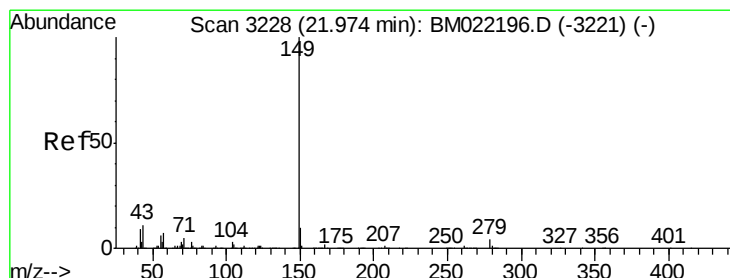
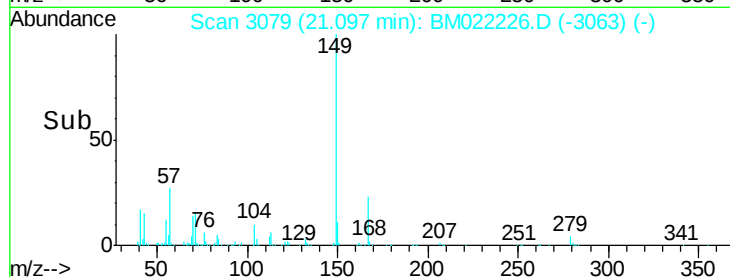
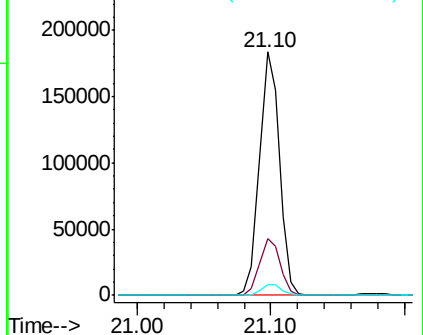
Tgt Ion:	149	Resp:	189161
Ion Ratio		Lower	Upper
149	100		
167	23.4	23.0	34.4
279	4.4	4.6	7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 31.341 ng

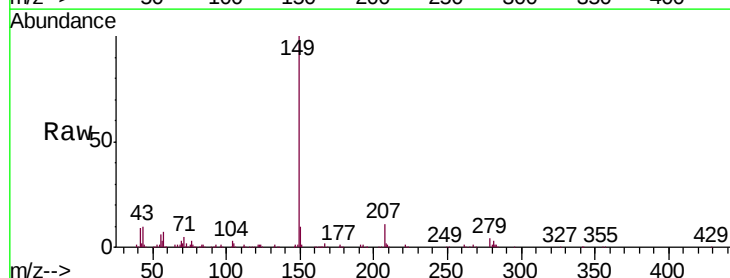
RT: 21.97 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

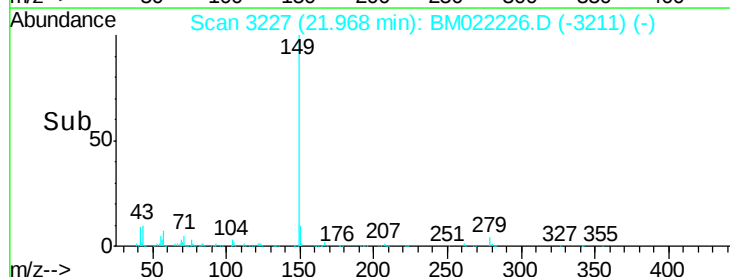
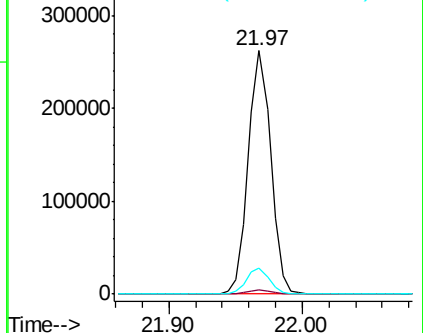
Tgt Ion:	149	Resp:	302059
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.7	6.2	9.2#

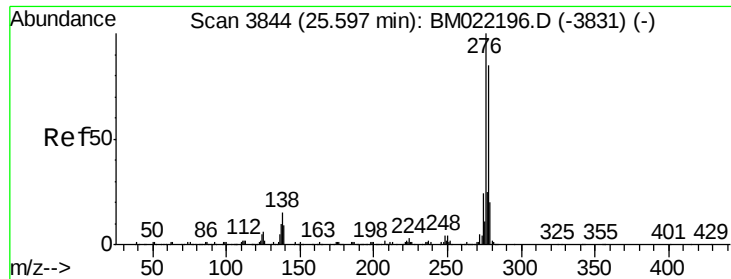


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

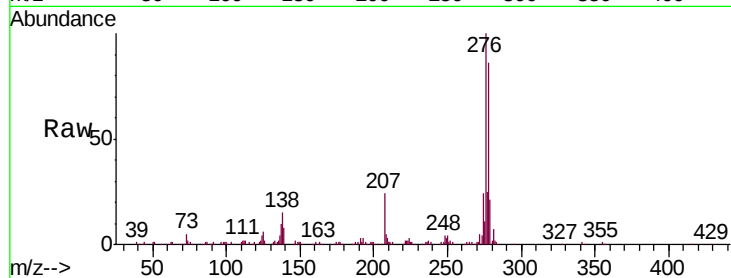




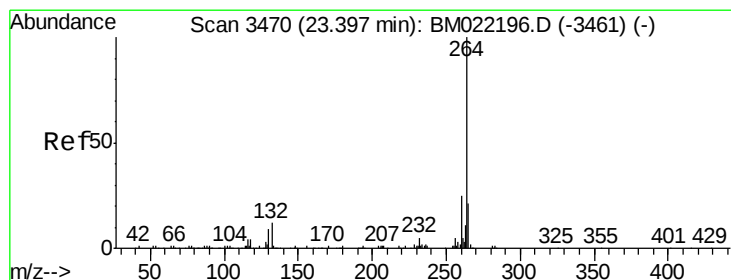
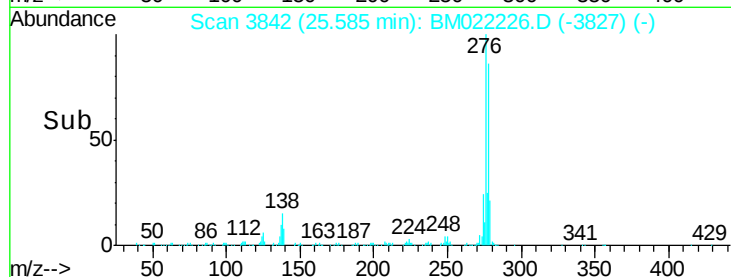
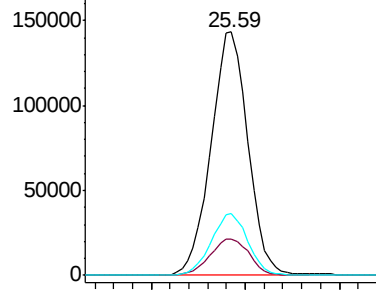
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.920 ng
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tgt Ion:	276	Resp:	391338
Ion	Ratio	Lower	Upper
276	100		
138	15.7	15.4	23.0
277	25.3	20.4	30.6

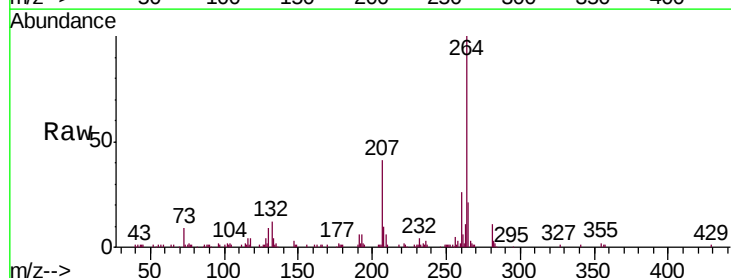


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

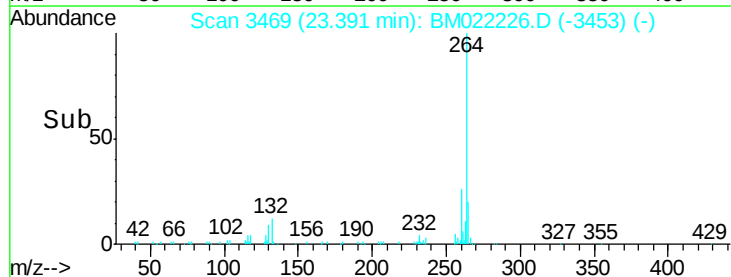
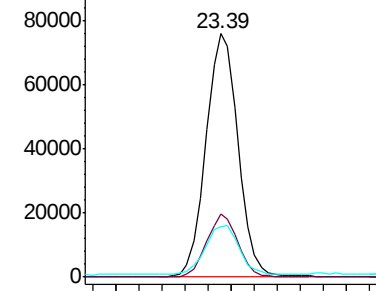


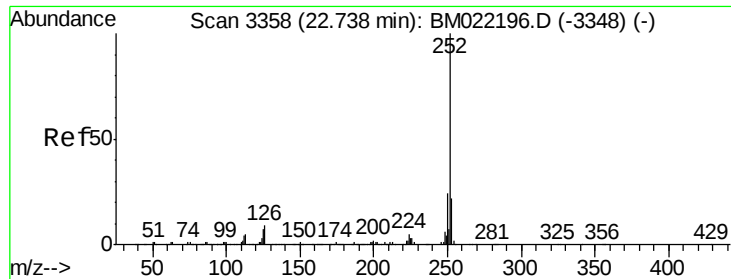
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:	264	Resp:	146941
Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.0	28.4
265	20.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

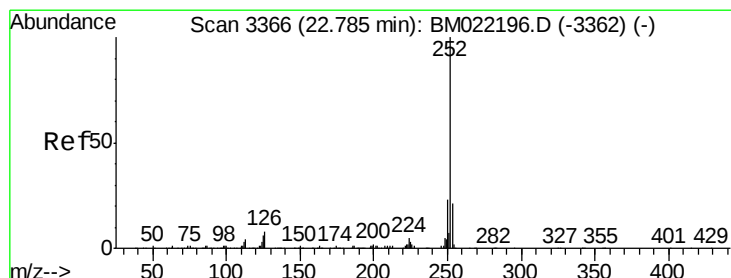
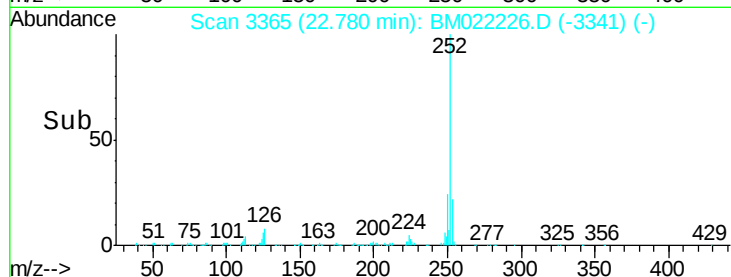
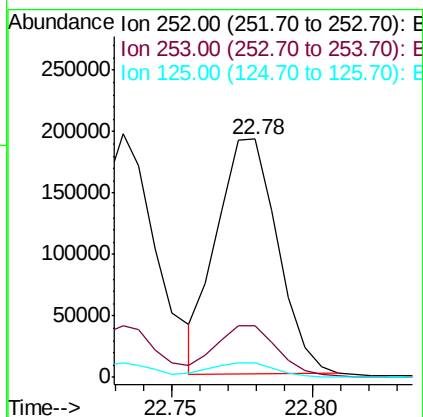
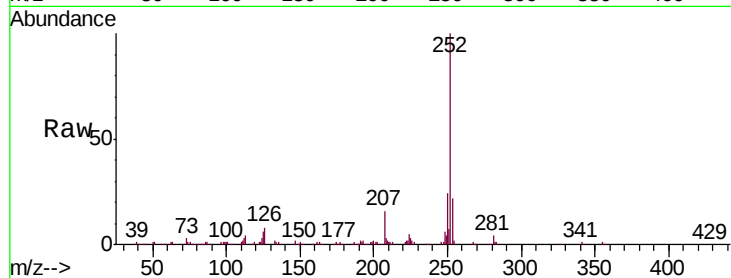




#88
Benzo(b)fluoranthene
Concen: 29.256 ng
RT: 22.78 min Scan# 3365
Delta R.T. 0.04 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

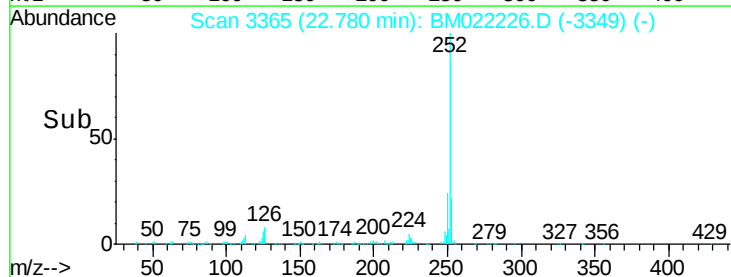
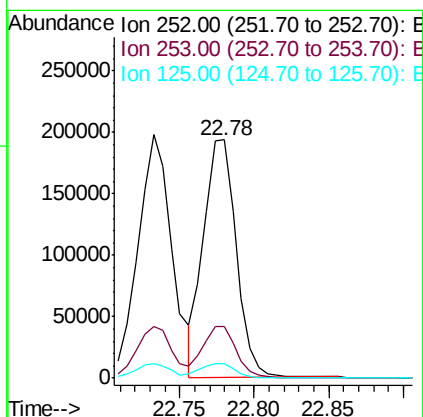
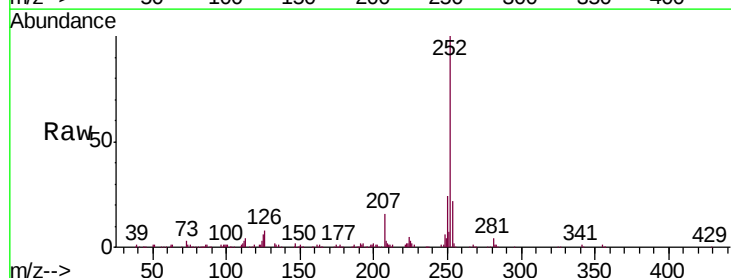
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

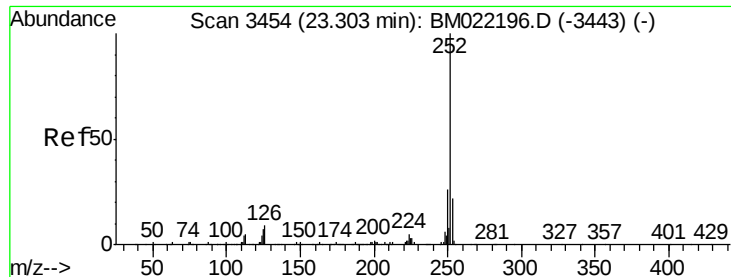
Tgt Ion: 252 Resp: 287043
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 6.0 5.9 8.9



#89
Benzo(k)fluoranthene
Concen: 30.723 ng
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion: 252 Resp: 294655
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 6.0 5.9 8.9





#90

Benzo(a)pyrene

Concen: 33.425 ng

RT: 23.30 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

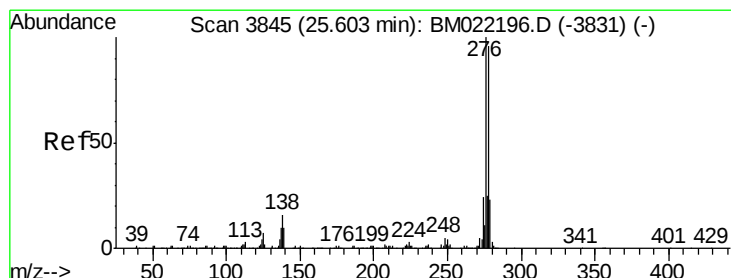
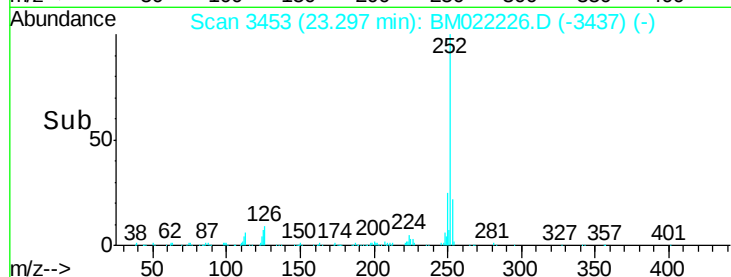
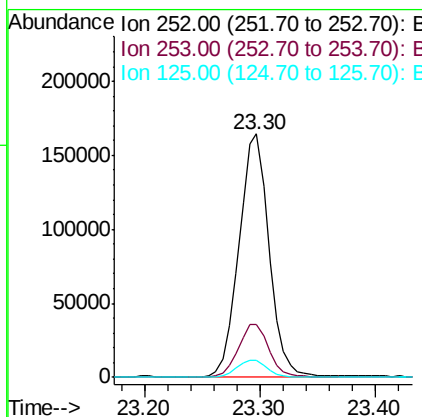
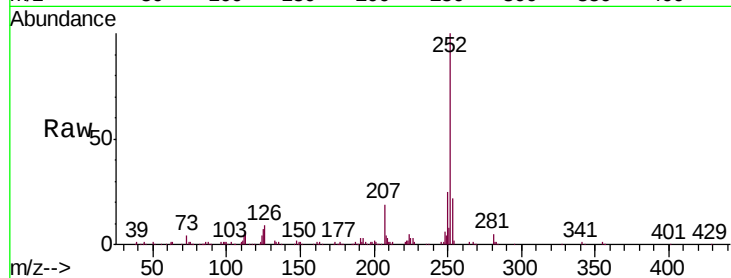
Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

Tgt Ion:	252	Resp:	298667
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	6.9	6.6	10.0



#91

Dibenzo(a,h)anthracene

Concen: 34.606 ng

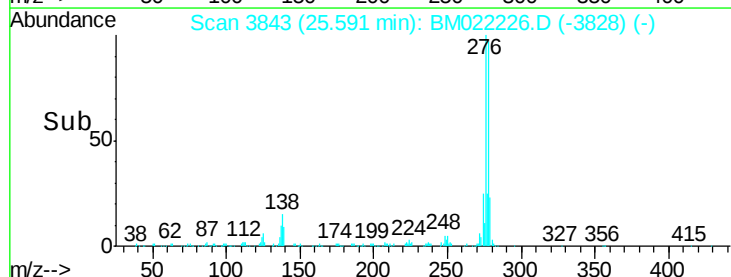
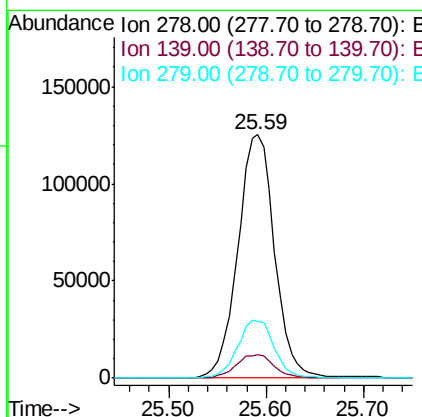
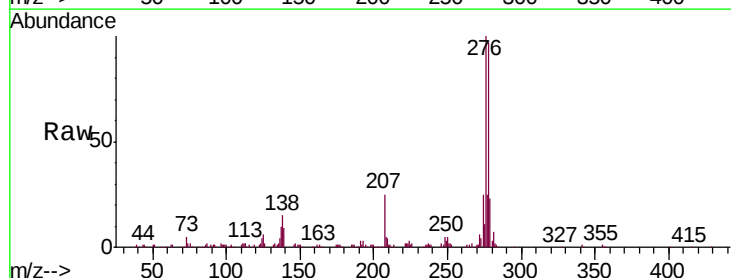
RT: 25.59 min Scan# 3843

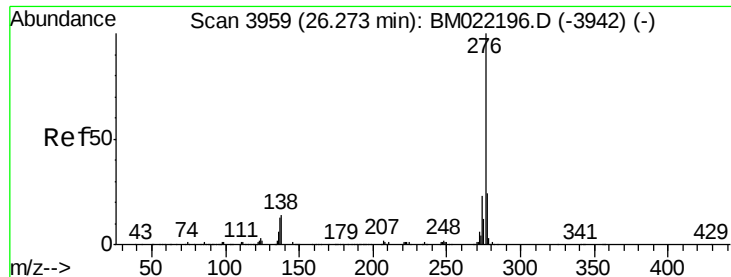
Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	278	Resp:	328566
Ion Ratio	Lower	Upper	
278	100		
139	9.7	9.8	14.8#
279	23.3	18.7	28.1





#92

Benzo(g,h,i)perylene

Concen: 36.992 ng

RT: 26.26 min Scan# 3956

Delta R.T. -0.02 min

Lab File: BM022226.D

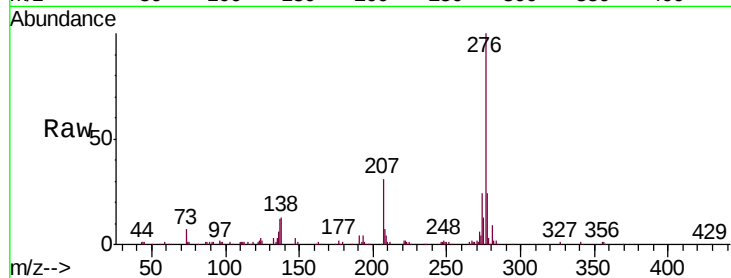
Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD



Tgt Ion:	276	Resp:	307057
Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	13.2	13.1	19.7

