

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
 Data File : BM022228.D
 Acq On : 21 Aug 2019 14:30
 Operator : HP/JU
 Sample : K4408-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

Quant Time: Aug 21 15:04:51 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	7.57	152	33426	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	130578	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	79240	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	150637	20.00	ng	0.00
76) Chrysene-d12	21.19	240	122221	20.00	ng	0.00
87) Perylene-d12	23.39	264	132737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	248830	132.65	ng	0.00
7) Phenol-d6	6.76	99	339999	136.11	ng	0.00
23) Nitrobenzene-d5	8.74	82	244127	90.93	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	177162	138.13	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	492725	77.66	ng	0.00
79) Terphenyl-d14	19.63	244	687821	82.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	30881	39.293	ng	# 84
3) Pyridine	3.56	79	74853	37.595	ng	# 87
4) n-Nitrosodimethylamine	3.49	42	58155	48.753	ng	# 57
6) Aniline	6.92	93	80291	24.008	ng	93
8) 2-Chlorophenol	7.14	128	106261	47.578	ng	95
9) Benzaldehyde	6.74	77	46323	29.264	ng	91
10) Phenol	6.79	94	134475	50.850	ng	79
11) bis(2-Chloroethyl)ether	7.02	93	88208	42.165	ng	93
12) 1,3-Dichlorobenzene	7.45	146	113658	41.753	ng	# 91
13) 1,4-Dichlorobenzene	7.60	146	117095	42.370	ng	99
14) 1,2-Dichlorobenzene	7.91	146	112676	41.862	ng	95
15) Benzyl Alcohol	7.83	79	96374	43.890	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	117497	40.538	ng	97
17) 2-Methylphenol	8.02	107	87650	46.469	ng	# 91
18) Hexachloroethane	8.61	117	50910	42.431	ng	91
19) n-Nitroso-di-n-propylamine	8.38	70	82741	42.052	ng	# 85
20) 3+4-Methylphenols	8.35	107	115927	45.509	ng	94
22) Acetophenone	8.40	105	159472	47.606	ng	# 89
24) Nitrobenzene	8.78	77	132429	48.178	ng	93
25) Isophorone	9.30	82	218847	45.932	ng	# 97
26) 2-Nitrophenol	9.48	139	57626	49.493	ng	# 72
27) 2,4-Dimethylphenol	9.54	122	95540	54.438	ng	87
28) bis(2-Chloroethoxy)methane	9.77	93	130312	46.231	ng	99
29) 2,4-Dichlorophenol	10.00	162	106810	50.434	ng	97
30) 1,2,4-Trichlorobenzene	10.20	180	121654	46.634	ng	98
31) Naphthalene	10.39	128	321595	47.420	ng	100
32) Benzoic acid	9.74	122	62997	42.050	ng	95
33) 4-Chloroaniline	10.54	127	20776	7.320	ng	95
34) Hexachlorobutadiene	10.65	225	103932	46.433	ng	97
35) Caprolactam	11.36	113	11723	20.592	ng	93
36) 4-Chloro-3-methylphenol	11.66	107	109475	48.904	ng	97
37) 2-Methylnaphthalene	12.02	142	238365	48.086	ng	# 93
38) 1-Methylnaphthalene	12.23	142	224489	47.412	ng	# 100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	163622	52.752	ng	99

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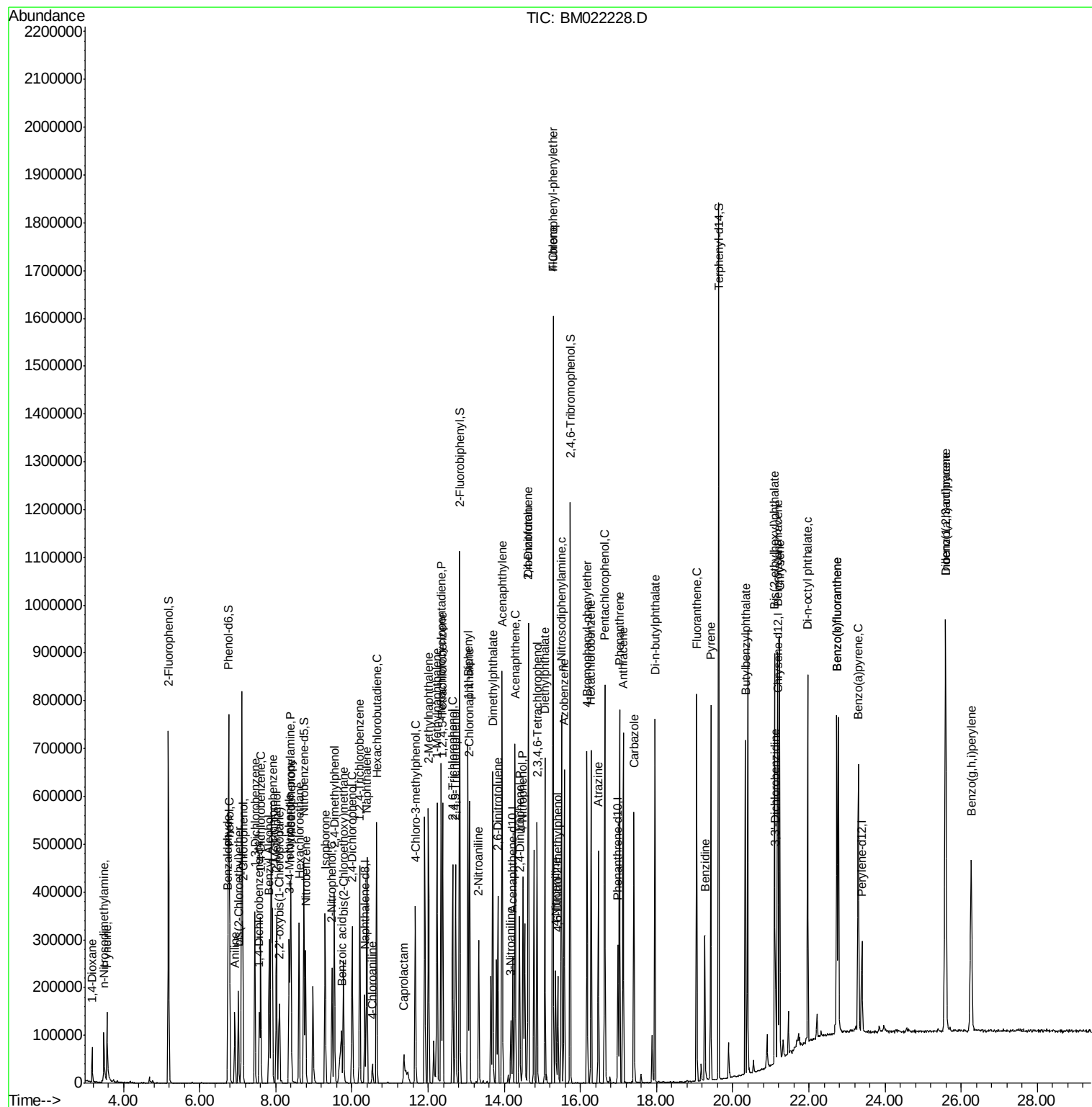
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	171239	92.372	ng	97
43) 2,4,6-Trichlorophenol	12.65	196	96395	51.844	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	97904	51.874	ng #	95
46) 1,1'-Biphenyl	13.05	154	312379	50.127	ng	99
47) 2-Chloronaphthalene	13.09	162	249629	48.673	ng	98
48) 2-Nitroaniline	13.33	65	73583	45.391	ng #	84
49) Acenaphthylene	13.95	152	390899	49.691	ng	99
50) Dimethylphthalate	13.70	163	386035	57.945	ng	100
51) 2,6-Dinitrotoluene	13.84	165	64292	48.867	ng #	66
52) Acenaphthene	14.29	154	223891	48.804	ng	99
53) 3-Nitroaniline	14.17	138	28286	21.589	ng #	93
54) 2,4-Dinitrophenol	14.40	184	66662	88.390	ng #	69
55) Dibenzofuran	14.63	168	378144	49.605	ng #	89
56) 4-Nitrophenol	14.49	139	93091	106.605	ng #	48
57) 2,4-Dinitrotoluene	14.64	165	90945	48.151	ng #	63
58) Fluorene	15.28	166	303337	47.201	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	96015	51.026	ng #	93
60) Diethylphthalate	15.07	149	326527	46.479	ng	96
61) 4-Chlorophenyl-phenylether	15.28	204	193686	47.822	ng	96
62) 4-Nitroaniline	15.35	138	50063	41.284	ng #	52
63) Azobenzene	15.57	77	326353	48.208	ng	83
65) 4,6-Dinitro-2-methylphenol	15.40	198	45065	46.632	ng	88
66) n-Nitrosodiphenylamine	15.50	169	245437	50.814	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	112468	50.384	ng #	91
68) Hexachlorobenzene	16.28	284	119071	46.953	ng #	85
69) Atrazine	16.47	200	90084	56.321	ng	98
70) Pentachlorophenol	16.64	266	130724	105.950	ng	99
71) Phenanthrene	17.03	178	413196	47.300	ng	99
72) Anthracene	17.12	178	420134	48.449	ng	99
73) Carbazole	17.40	167	329987	45.604	ng #	97
74) Di-n-butylphthalate	17.96	149	487273	44.384	ng #	97
75) Fluoranthene	19.06	202	457993	43.477	ng	98
77) Benzidine	19.27	184	171035	62.391	ng	98
78) Pyrene	19.42	202	451552	52.489	ng	99
80) Butylbenzylphthalate	20.33	149	186207	48.392	ng	88
81) Benzo(a)anthracene	21.18	228	408131	47.483	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	98048	32.717	ng #	96
83) Chrysene	21.23	228	395991	47.725	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	273772	47.310	ng #	93
85) Di-n-octyl phthalate	21.97	149	429162	45.819	ng #	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	533064	57.354	ng #	96
88) Benzo(b)fluoranthene	22.73	252	423947	47.833	ng	99
89) Benzo(k)fluoranthene	22.73	252	423938	48.932	ng	99
90) Benzo(a)pyrene	23.30	252	403782	50.025	ng #	98
91) Dibenzo(a,h)anthracene	25.59	278	449529	52.414	ng #	97
92) Benzo(g,h,i)perylene	26.26	276	420096	56.026	ng	98

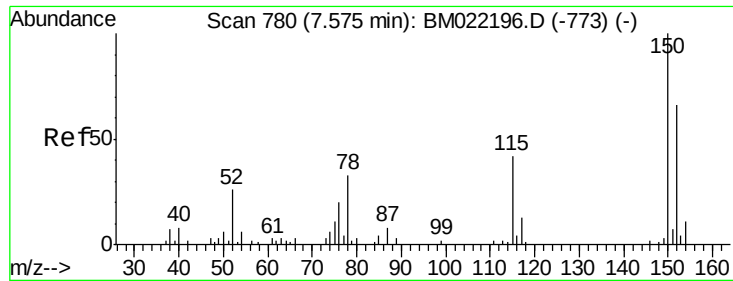
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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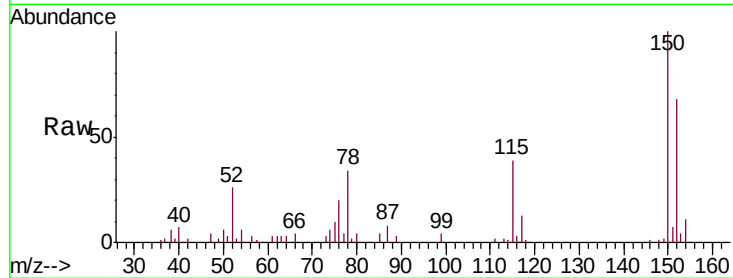




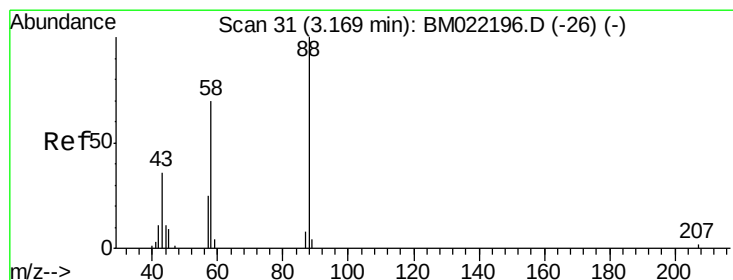
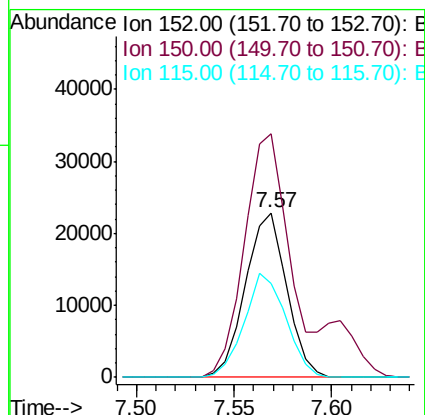
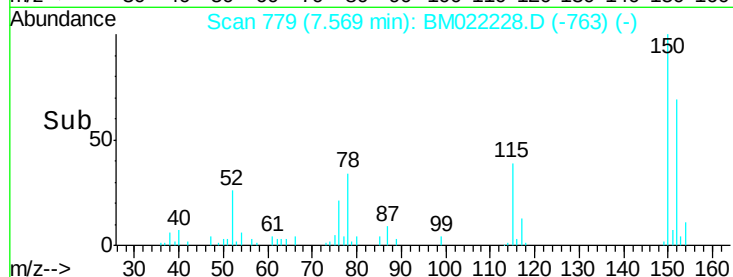
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Instrument :
 BNA_M
 ClientSampled :
 SP-1MS

Tgt Ion:152 Resp: 33426
 Ion Ratio Lower Upper
 152 100
 150 148.1 123.1 184.7
 115 57.4 44.2 66.4

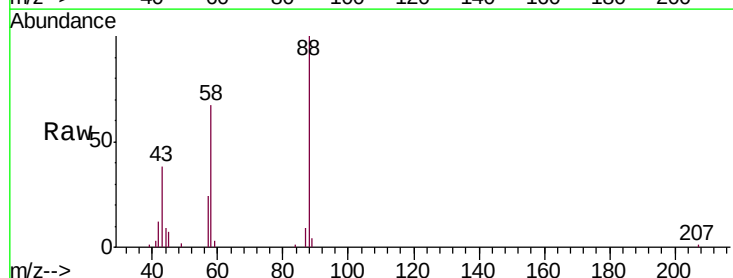


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

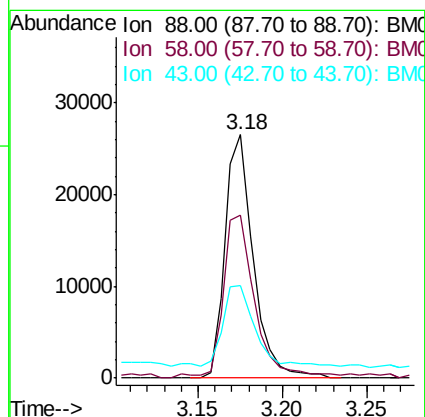
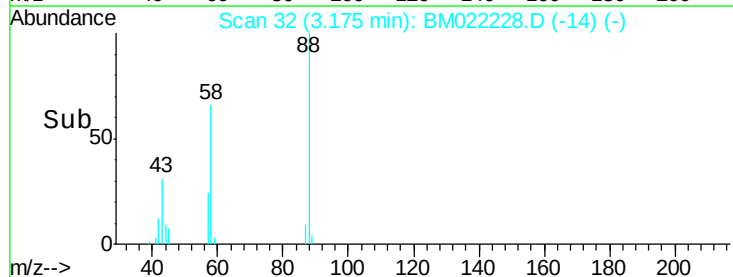


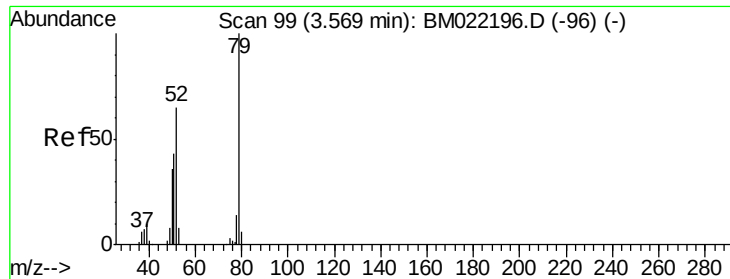
#2
 1,4-Dioxane
 Concen: 39.293 ng
 RT: 3.18 min Scan# 32
 Delta R.T. 0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion: 88 Resp: 30881
 Ion Ratio Lower Upper
 88 100
 58 76.8 51.9 77.9
 43 36.6 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: 37.595 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

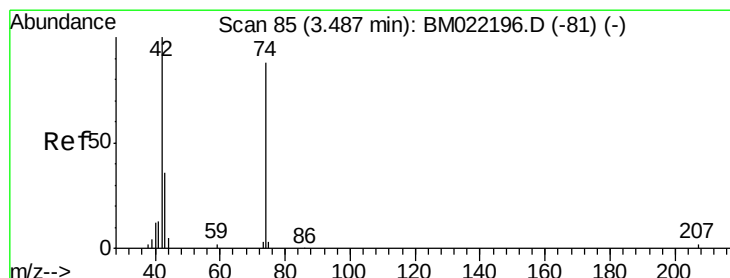
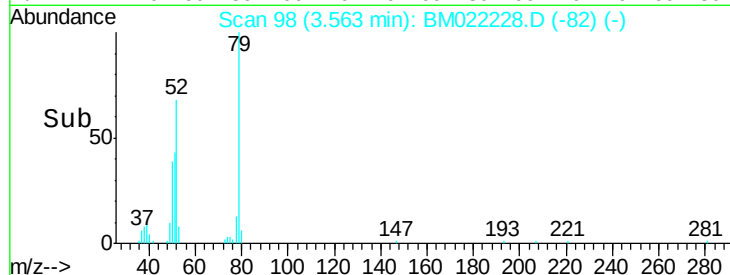
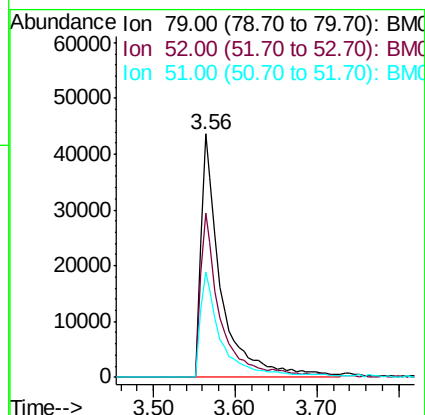
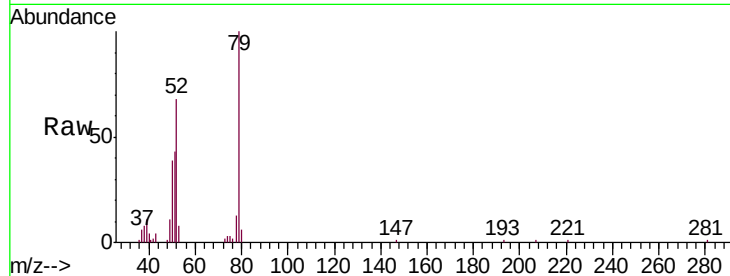
Tgt Ion: 79 Resp: 74853

Ion Ratio Lower Upper

79 100

52 67.6 48.8 73.2

51 43.5 25.7 38.5#



#4

n-Nitrosodimethylamine

Concen: 48.753 ng

RT: 3.49 min Scan# 85

Delta R.T. 0.00 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

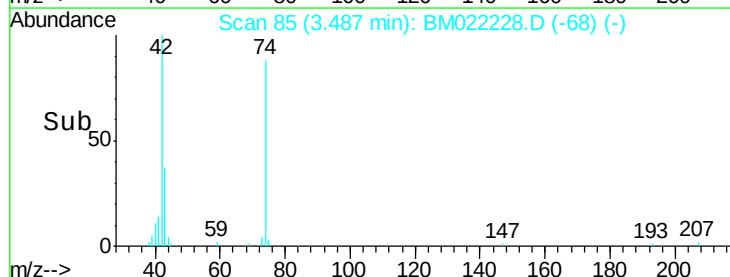
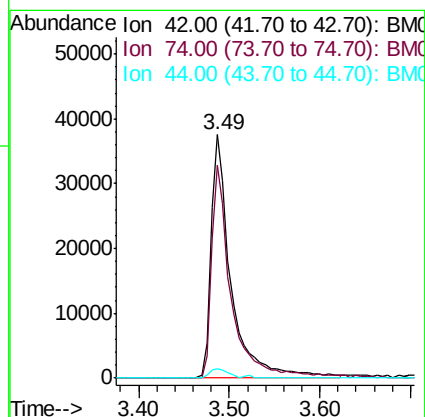
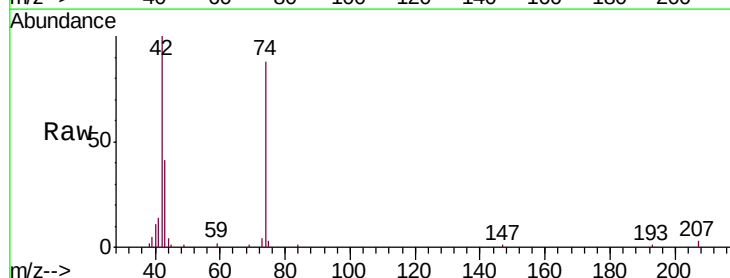
Tgt Ion: 42 Resp: 58155

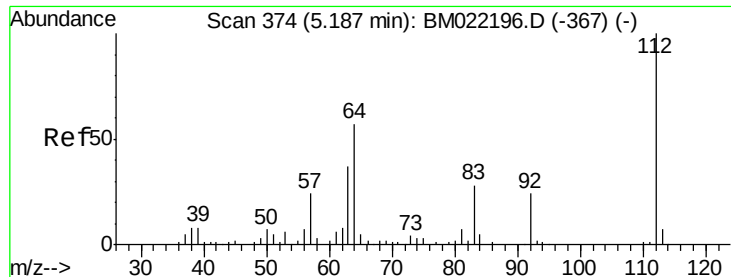
Ion Ratio Lower Upper

42 100

74 87.6 113.8 170.6#

44 4.1 8.2 12.2#





#5

2-Fluorophenol

Concen: 132.654 ng

RT: 5.18 min Scan# 373

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

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ClientSampleId :

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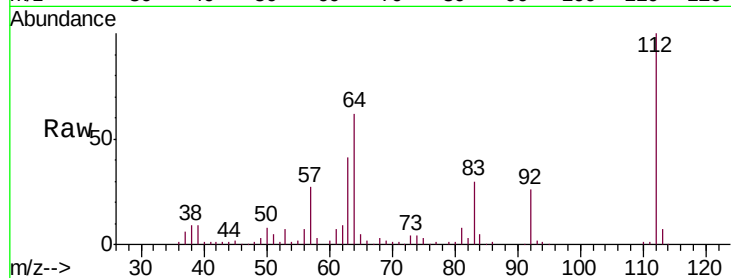
Tgt Ion: 112 Resp: 248830

Ion Ratio Lower Upper

112 100

64 62.3 45.2 67.8

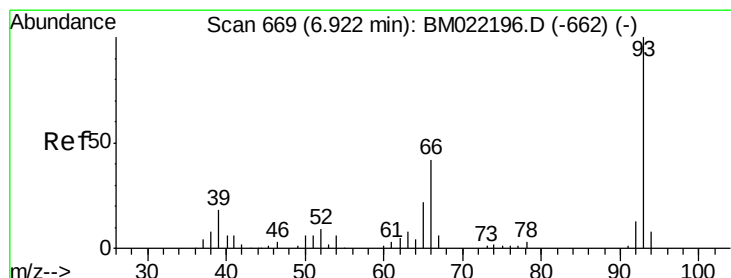
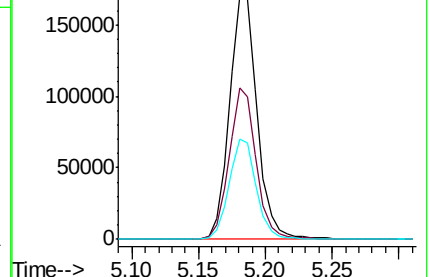
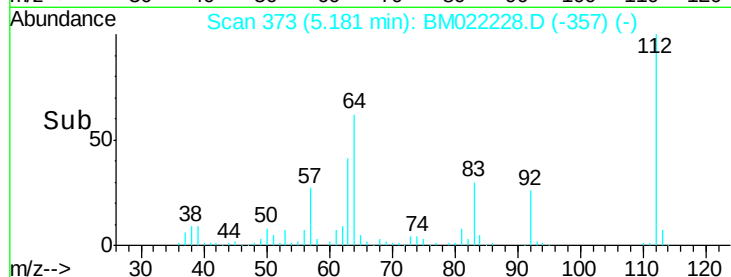
63 41.4 23.5 35.3#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 24.008 ng

RT: 6.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

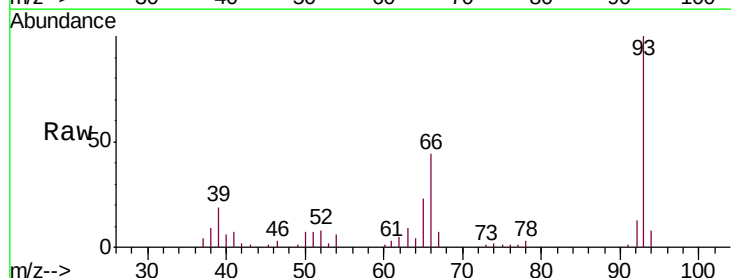
Tgt Ion: 93 Resp: 80291

Ion Ratio Lower Upper

93 100

66 43.8 31.3 46.9

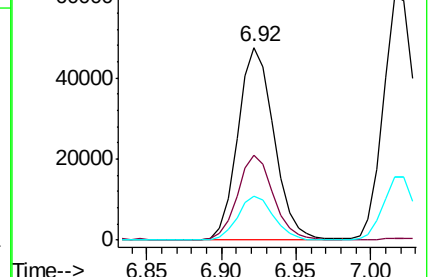
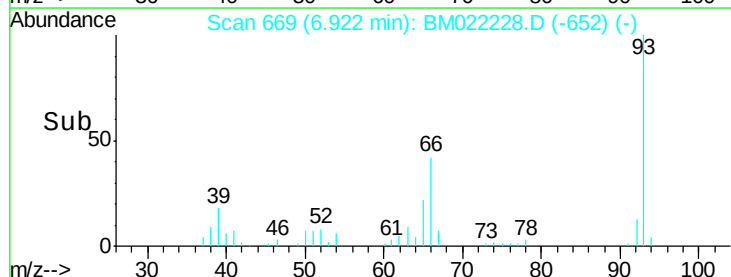
65 22.9 15.9 23.9

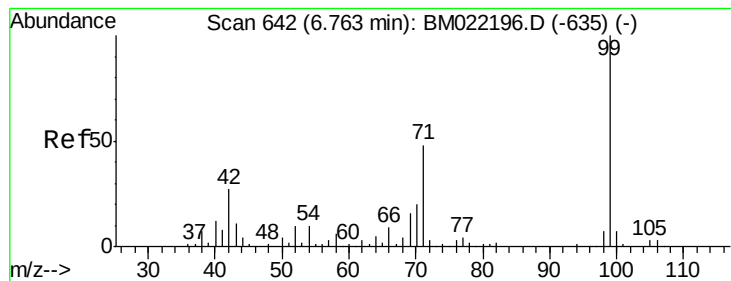


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 136.112 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

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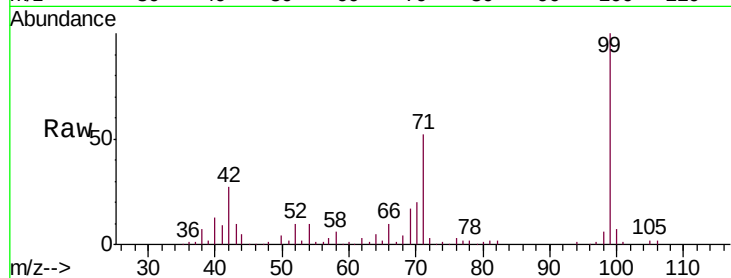
Tgt Ion: 99 Resp: 339999

Ion Ratio Lower Upper

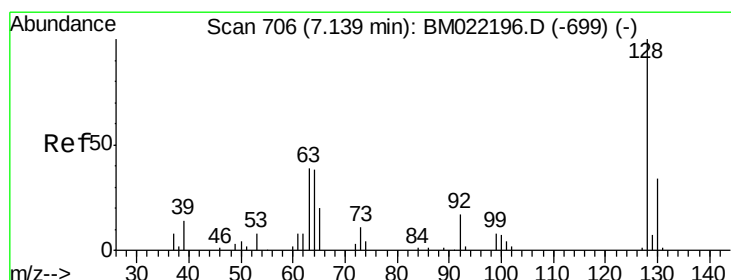
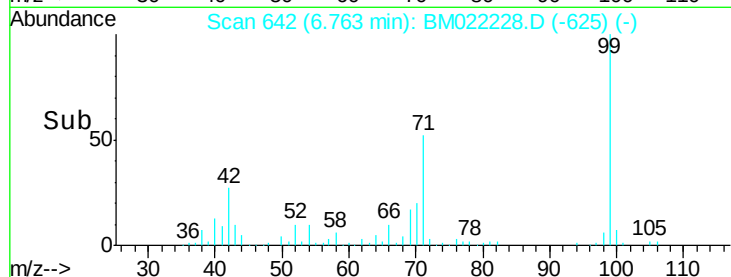
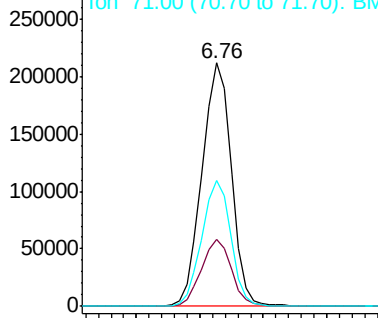
99 100

42 27.4 13.5 20.3#

71 51.7 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022228.D (-625) (-)



#8

2-Chlorophenol

Concen: 47.578 ng

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

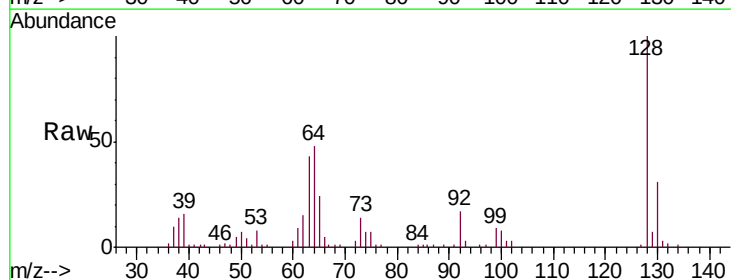
Tgt Ion: 128 Resp: 106261

Ion Ratio Lower Upper

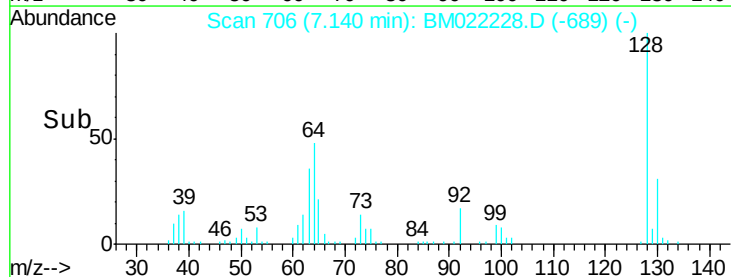
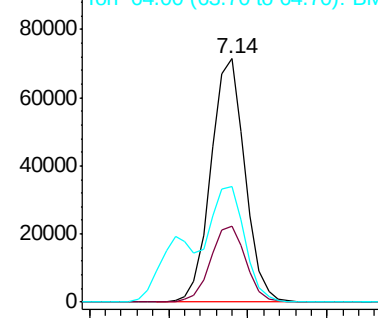
128 100

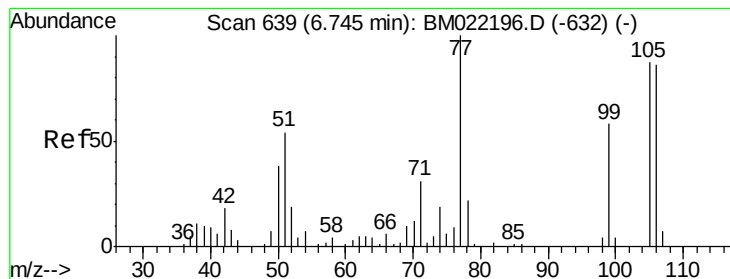
130 31.3 12.2 52.2

64 47.6 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): BM022228.D (-689) (-)





#9

Benzaldehyde

Concen: 29.264 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM022228.D

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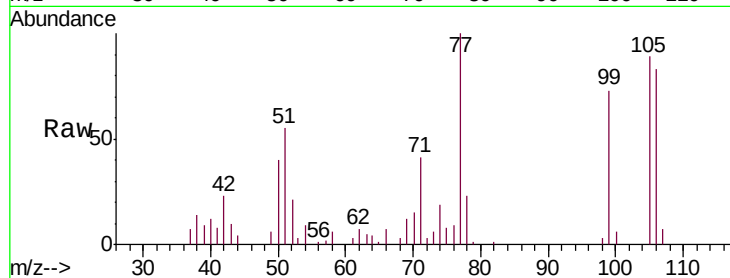
Tgt Ion: 77 Resp: 46323

Ion Ratio Lower Upper

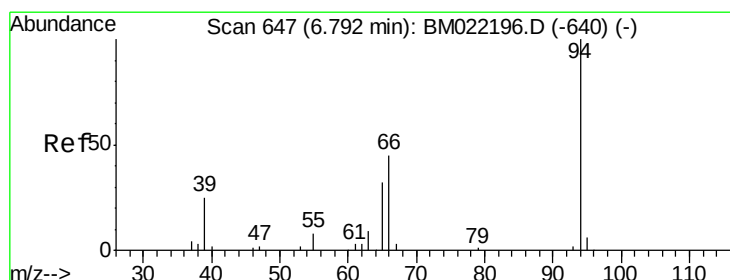
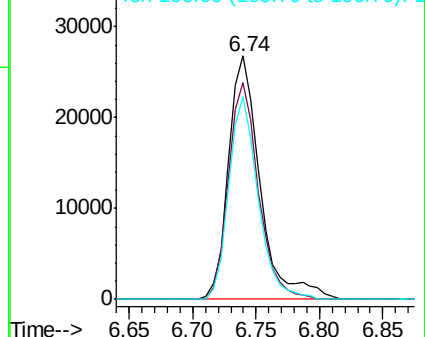
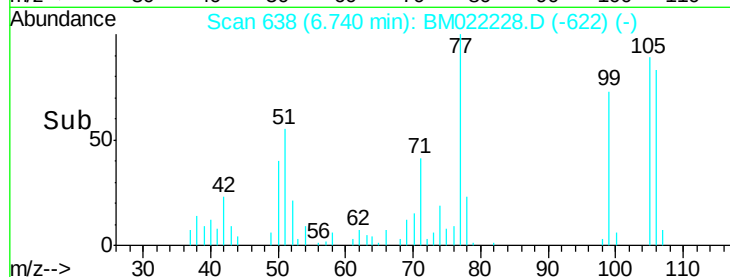
77 100

105 89.1 77.8 117.8

106 83.4 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM022228.D (-622) (-)



#10

Phenol

Concen: 50.850 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

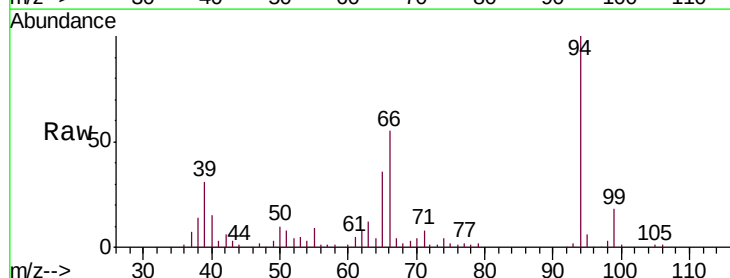
Tgt Ion: 94 Resp: 134475

Ion Ratio Lower Upper

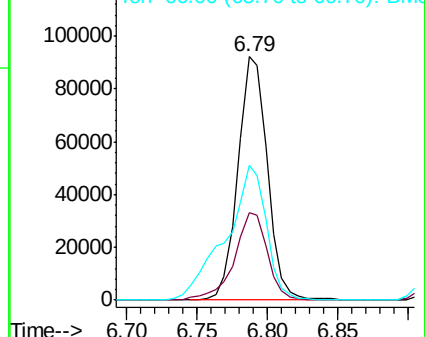
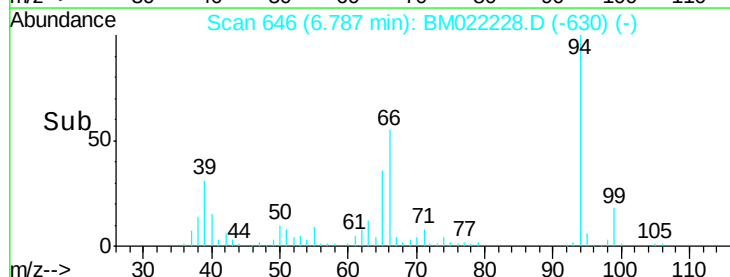
94 100

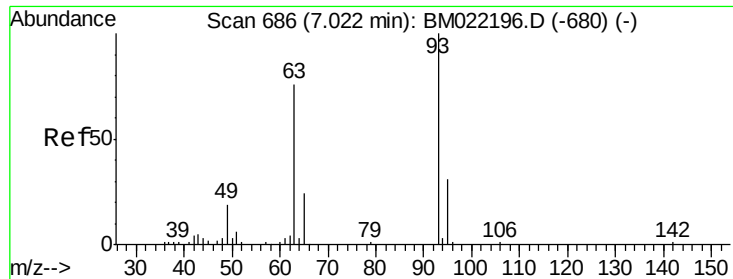
65 35.7 8.7 48.7

66 55.2 19.0 59.0



Abundance Ion 94.00 (93.70 to 94.70): BM022228.D (-630) (-)





#11

bis(2-Chloroethyl)ether

Concen: 42.165 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

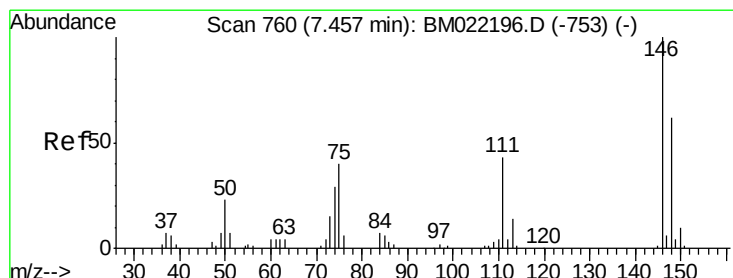
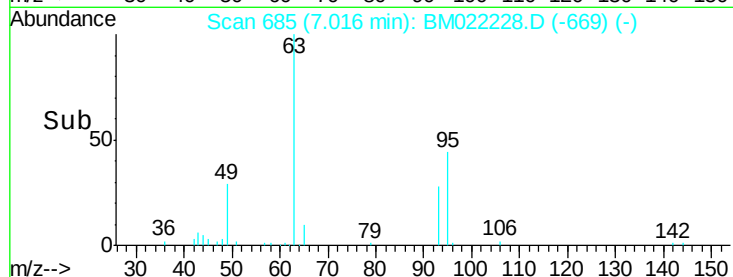
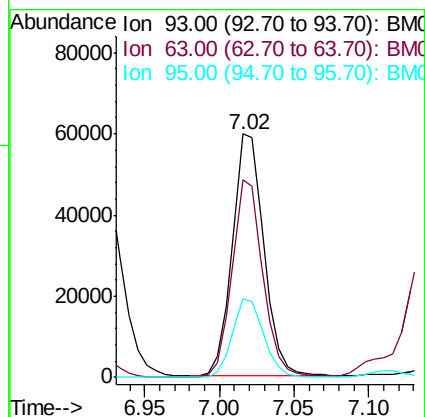
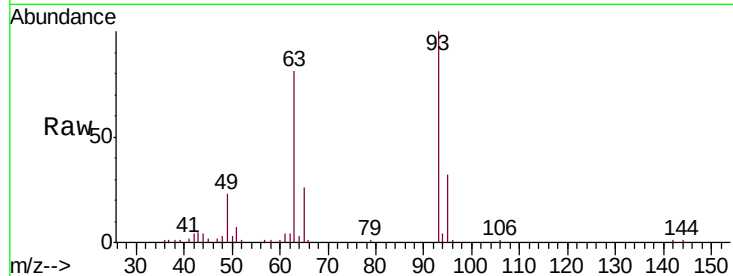
Tgt Ion: 93 Resp: 88208

Ion Ratio Lower Upper

93 100

63 81.2 53.4 93.4

95 32.4 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 41.753 ng

RT: 7.45 min Scan# 759

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

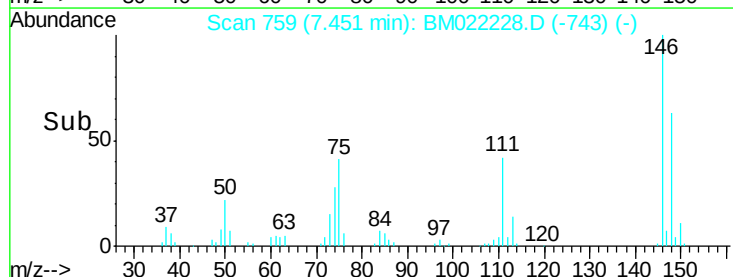
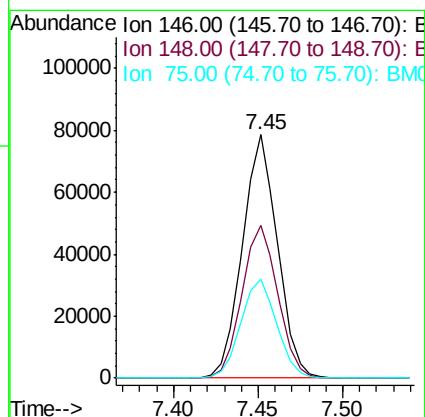
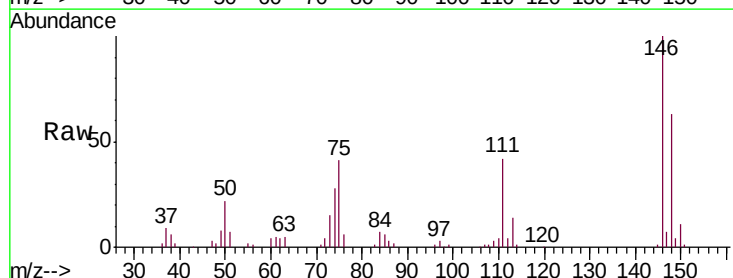
Tgt Ion: 146 Resp: 113658

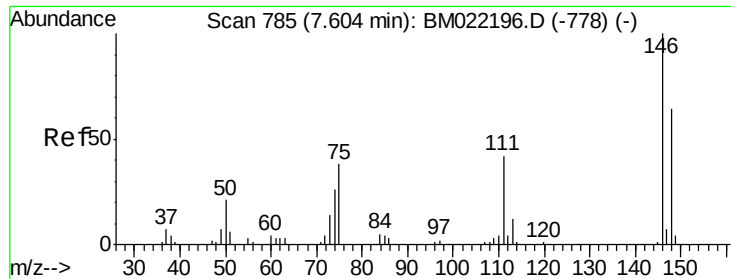
Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

75 40.6 22.2 33.4#

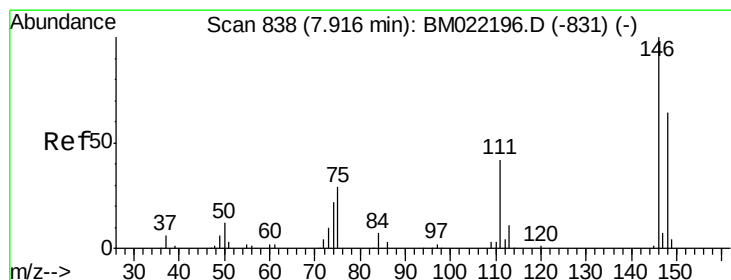
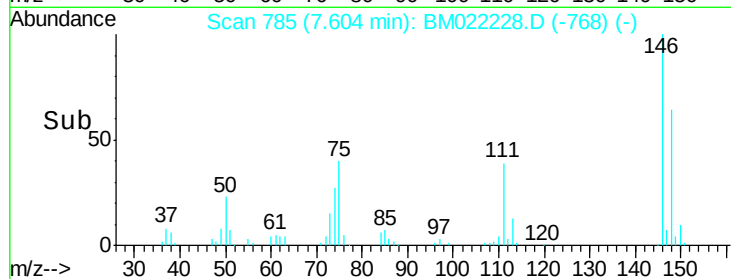
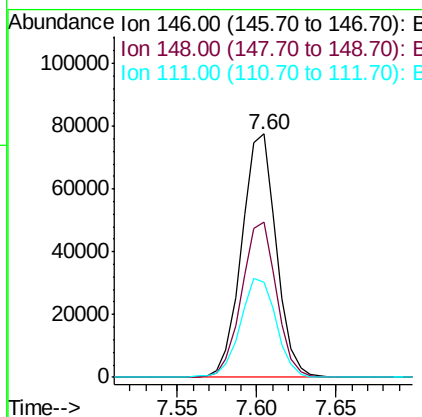
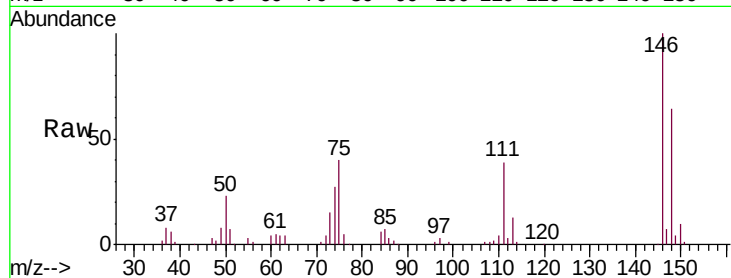




#13
 1,4-Dichlorobenzene
 Concen: 42.370 ng
 RT: 7.60 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

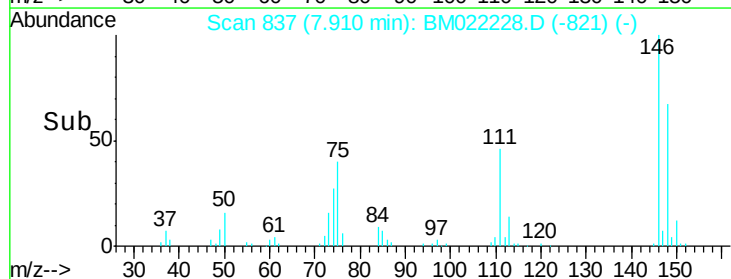
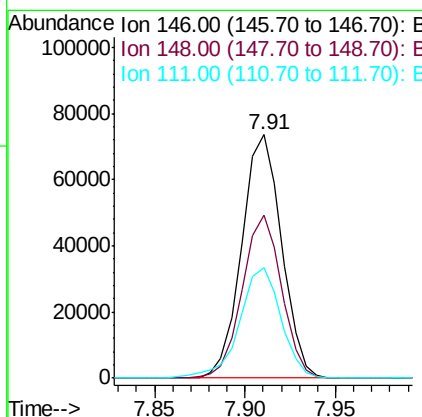
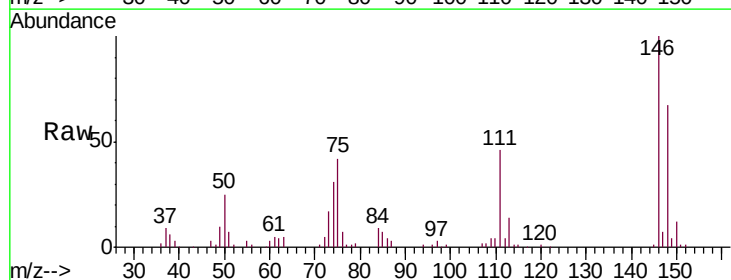
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

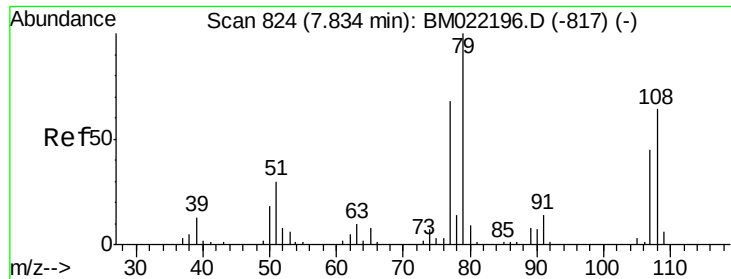
Tgt Ion:146 Resp: 117095
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 39.2 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 41.862 ng
 RT: 7.91 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion:146 Resp: 112676
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.2 76.8
 111 45.6 32.8 49.2





#15

Benzyl Alcohol

Concen: 43.890 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampled :

SP-1MS

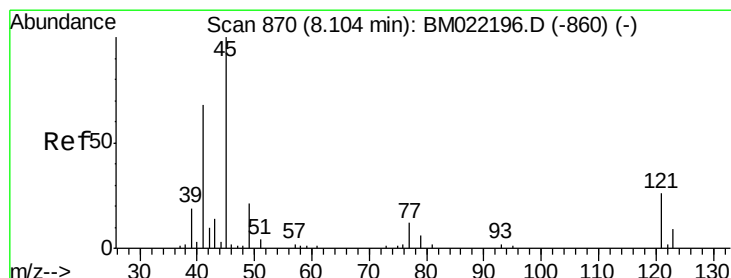
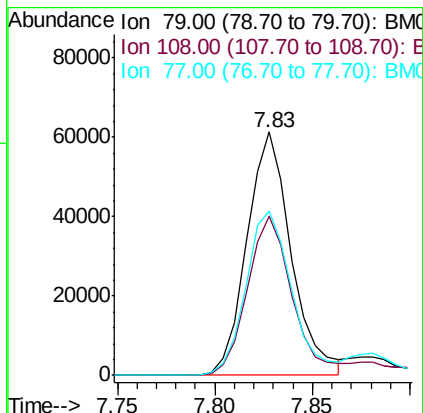
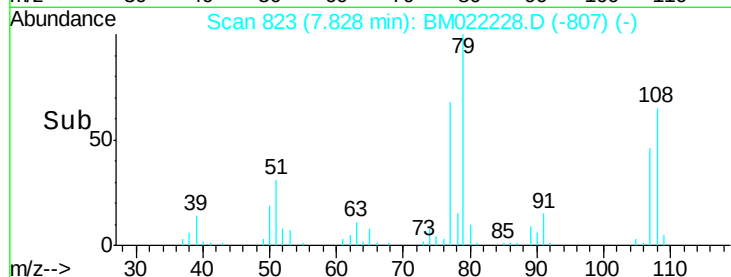
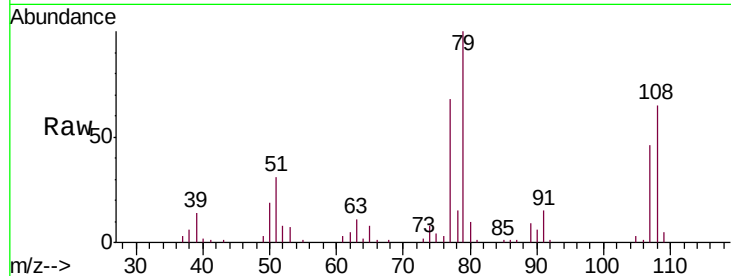
Tgt Ion: 79 Resp: 96374

Ion Ratio Lower Upper

79 100

108 65.4 58.4 87.6

77 67.7 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.538 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

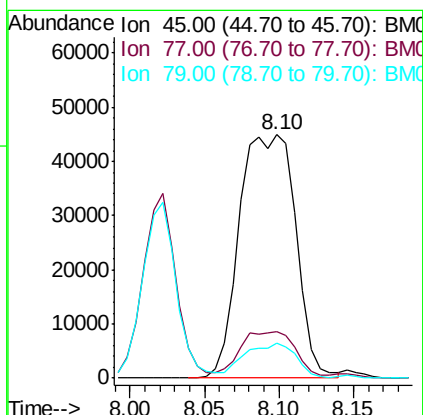
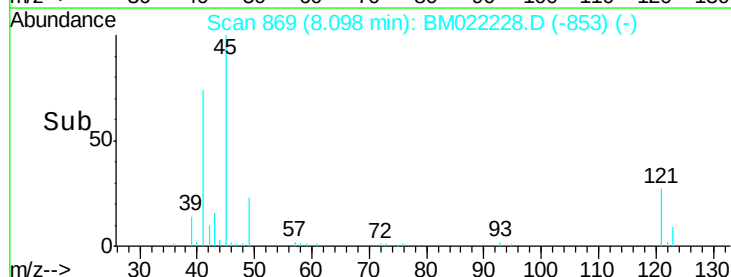
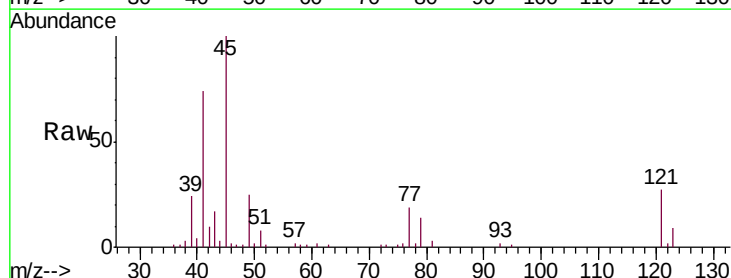
Tgt Ion: 45 Resp: 117497

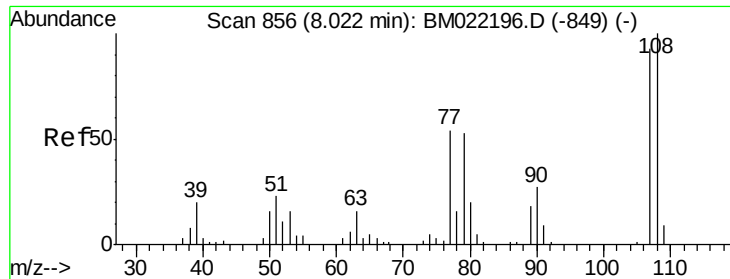
Ion Ratio Lower Upper

45 100

77 18.9 0.0 37.5

79 14.2 0.0 33.5

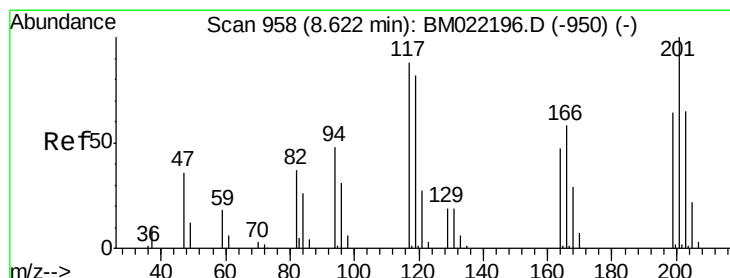
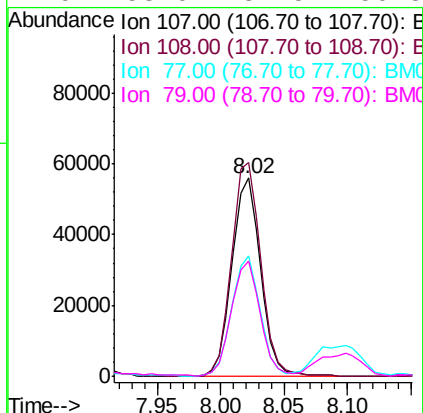
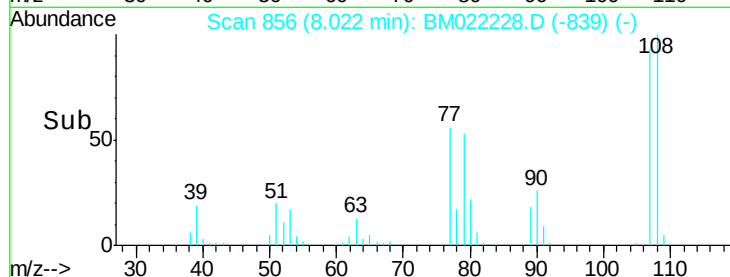
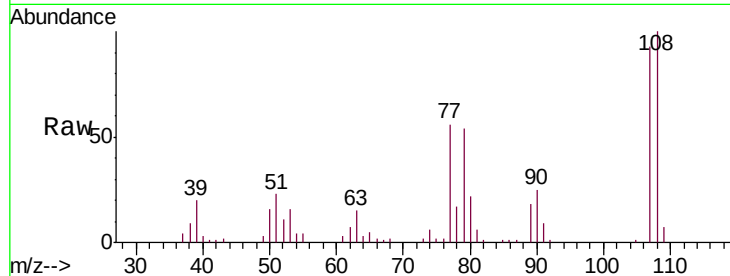




#17
2-Methylphenol
Concen: 46.469 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

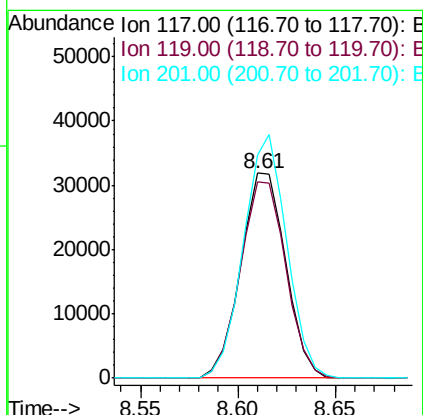
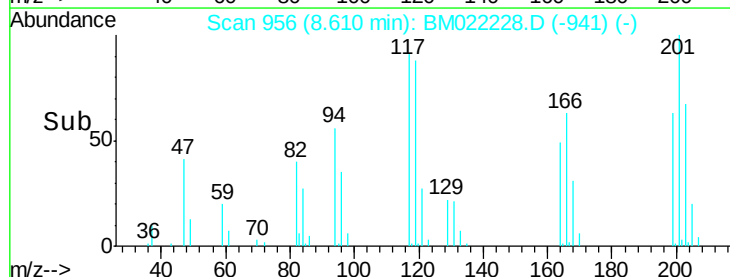
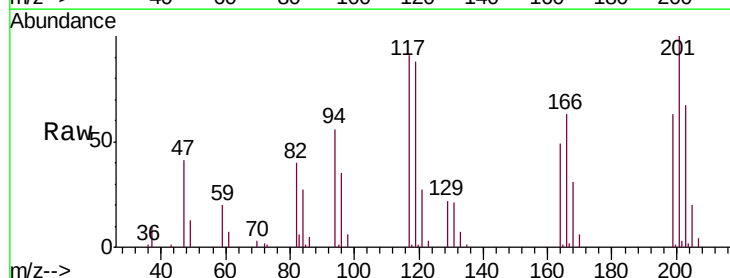
Instrument :
BNA_M
ClientSampleId :
SP-1MS

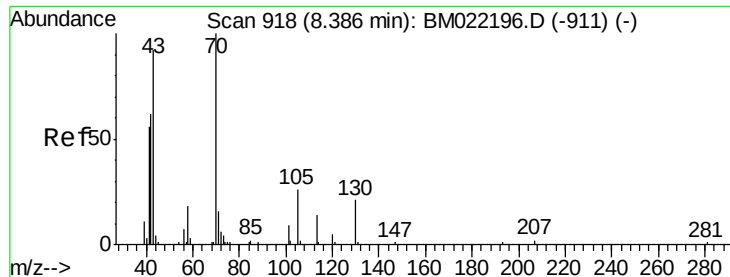
Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.0	87.5	131.3
77	61.0	37.8	56.8#
79	58.0	37.5	56.3#



#18
Hexachloroethane
Concen: 42.431 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
201	109.3	102.3	153.5

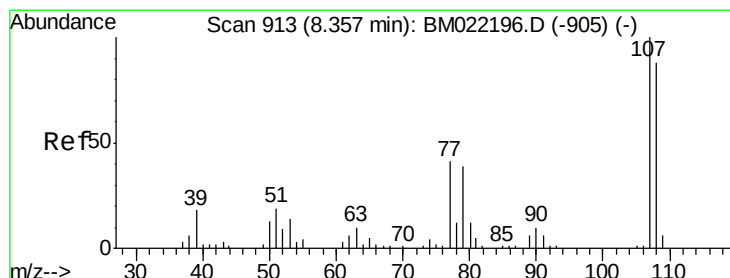
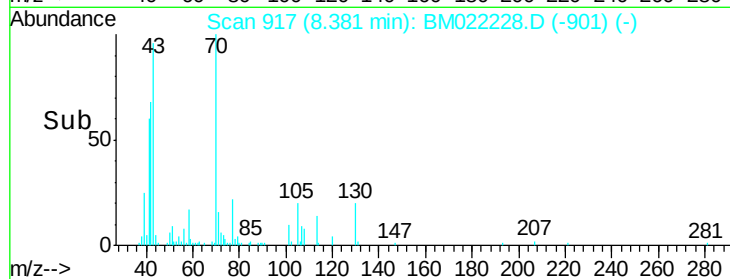
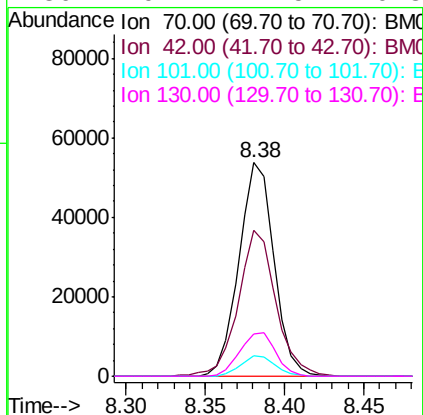
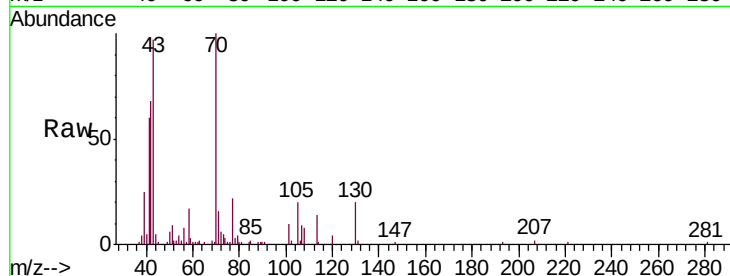




#19
n-Nitroso-di-n-propylamine
Concen: 42.052 ng
RT: 8.38 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

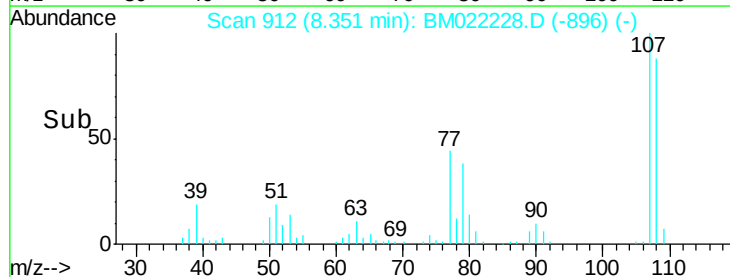
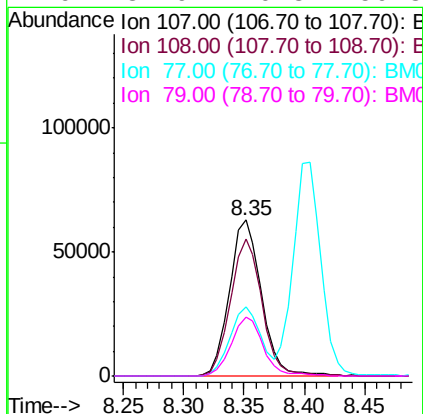
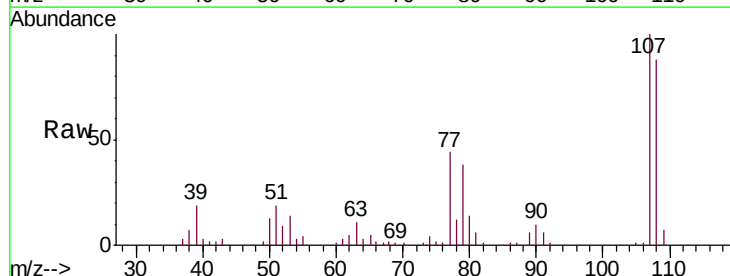
Instrument :
BNA_M
ClientSampleId :
SP-1MS

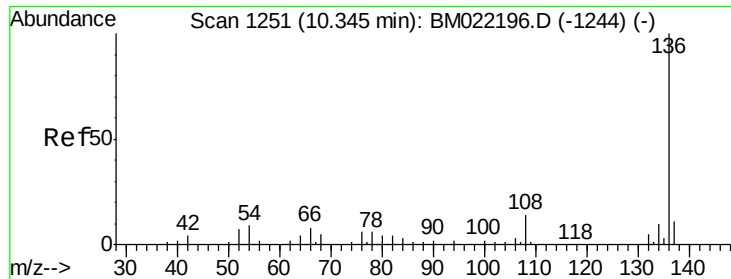
Tgt Ion:	70	Resp:	82741
Ion	Ratio	Lower	Upper
70	100		
42	68.4	41.9	62.9#
101	9.8	8.1	12.1
130	19.7	17.5	26.3



#20
3+4-Methylphenols
Concen: 45.509 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion:	107	Resp:	115927
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	44.1	14.6	54.6
79	37.9	10.8	50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

Tgt Ion:136 Resp: 130578

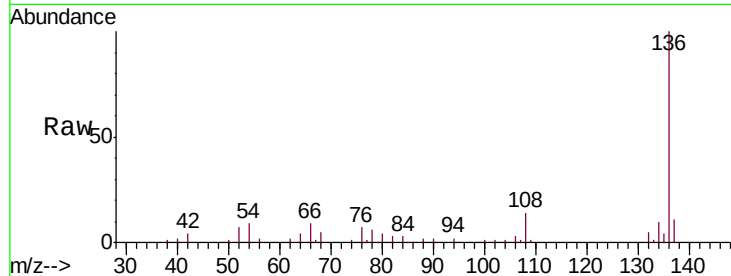
Ion Ratio Lower Upper

136 100

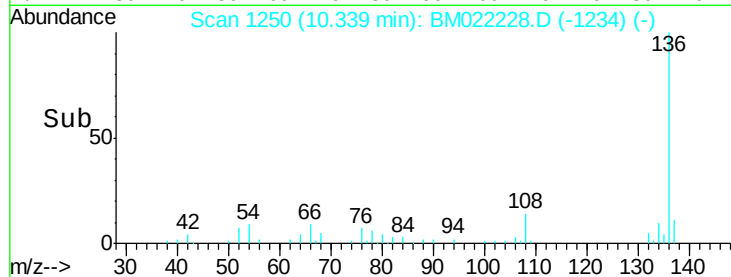
137 10.8 8.6 13.0

54 8.7 5.3 7.9#

68 4.6 4.4 6.6



Abundance

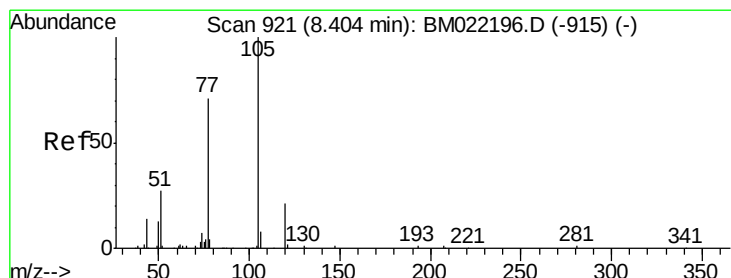
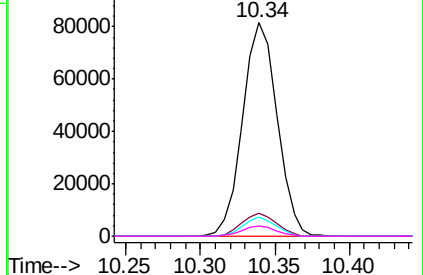


Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 47.606 ng

RT: 8.40 min Scan# 921

Delta R.T. 0.00 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Tgt Ion:105 Resp: 159472

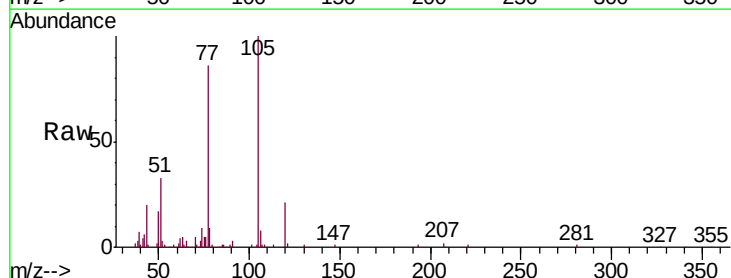
Ion Ratio Lower Upper

105 100

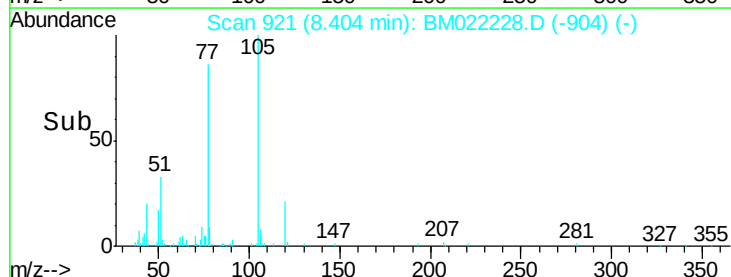
71 0.9 1.2 1.8#

51 33.2 19.1 28.7#

120 21.2 17.9 26.9



Abundance

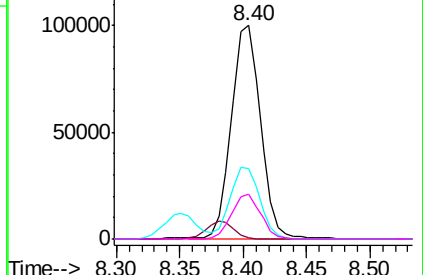


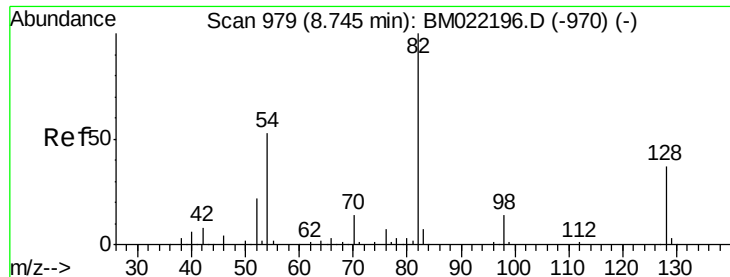
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

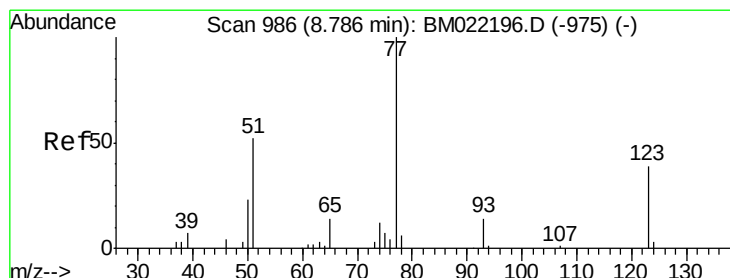
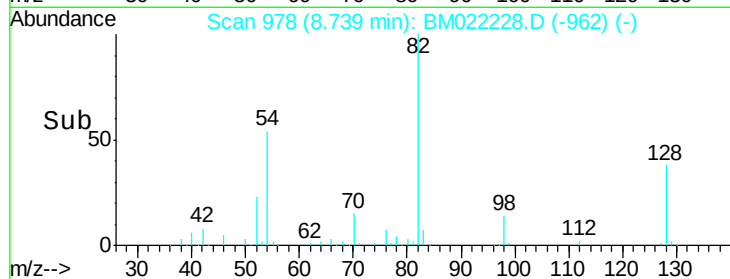
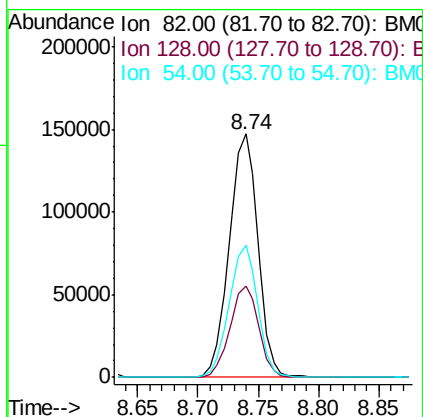
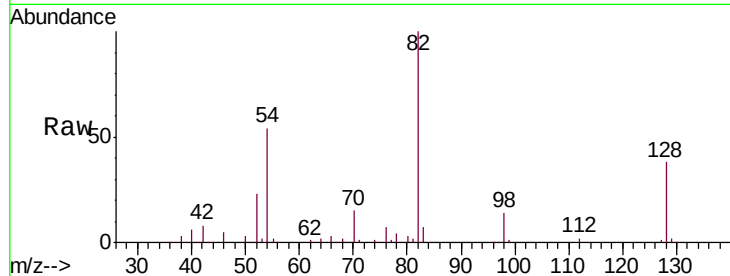




#23
 Nitrobenzene-d5
 Concen: 90.931 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

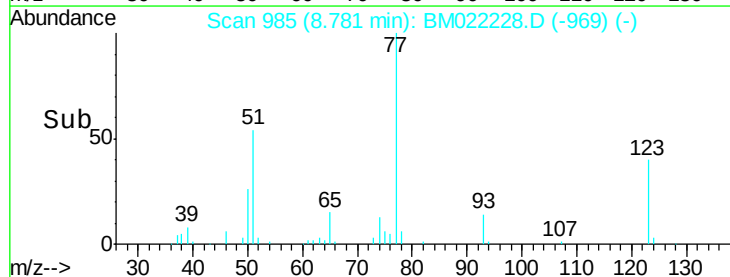
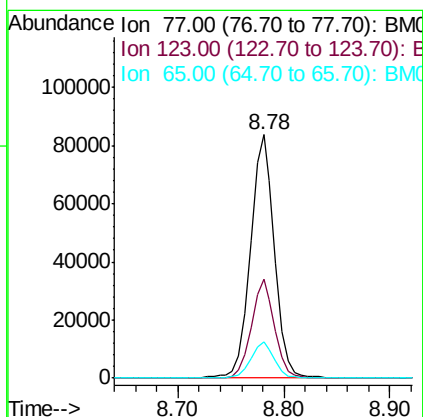
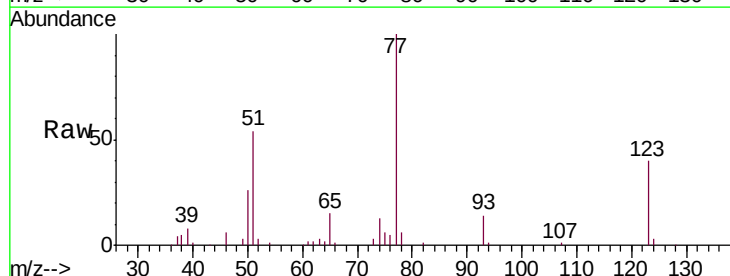
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

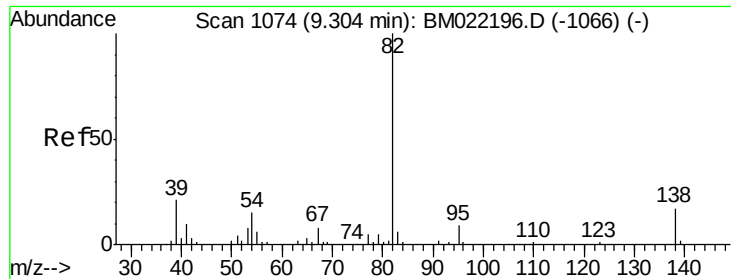
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	35.9	53.9
54	54.2	36.6	55.0



#24
 Nitrobenzene
 Concen: 48.178 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	36.3	54.5
65	14.8	10.6	16.0





#25

Isophorone

Concen: 45.932 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

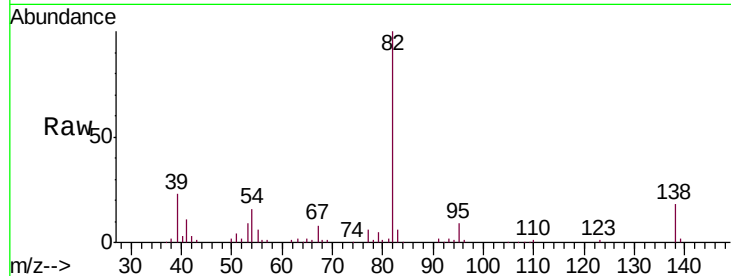
Tgt Ion: 82 Resp: 218847

Ion Ratio Lower Upper

82 100

95 9.4 6.1 9.1#

138 17.7 15.0 22.6

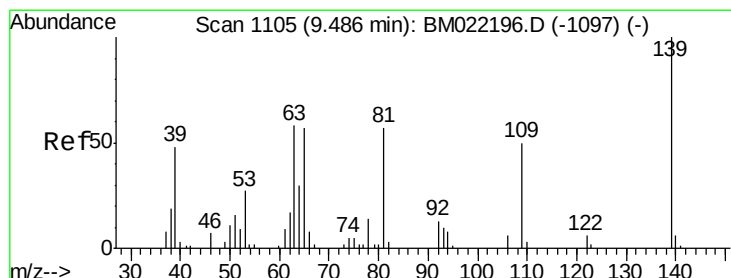
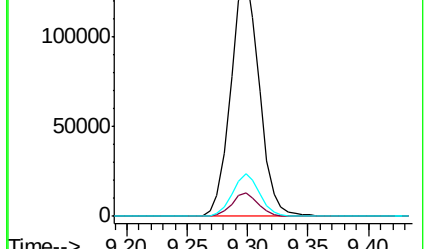
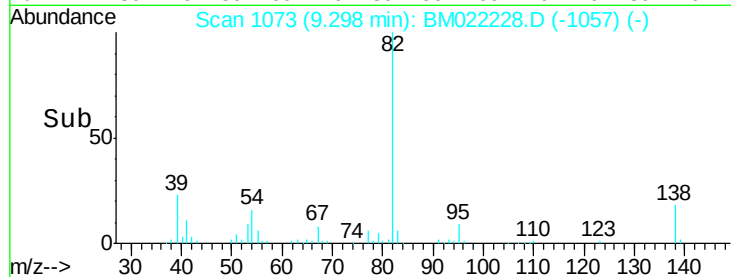


Abundance Ion 82.00 (81.70 to 82.70): BM022228.D (-1066) (-)

Ion 95.00 (94.70 to 95.70): BM022228.D (-1066) (-)

Ion 138.00 (137.70 to 138.70): BM022228.D (-1066) (-)

Time-->



#26

2-Nitrophenol

Concen: 49.493 ng

RT: 9.48 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

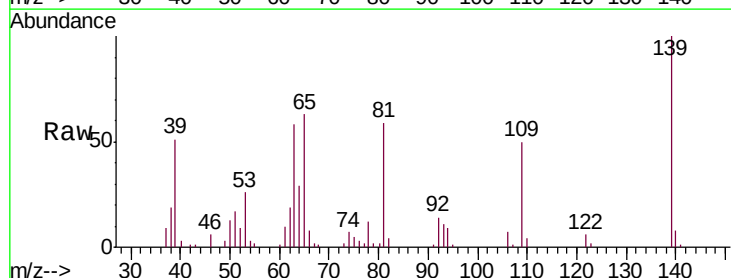
Tgt Ion: 139 Resp: 57626

Ion Ratio Lower Upper

139 100

109 50.0 25.2 37.8#

65 63.1 37.4 56.0#

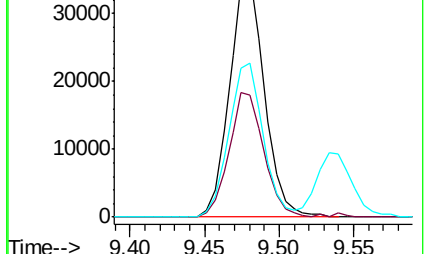
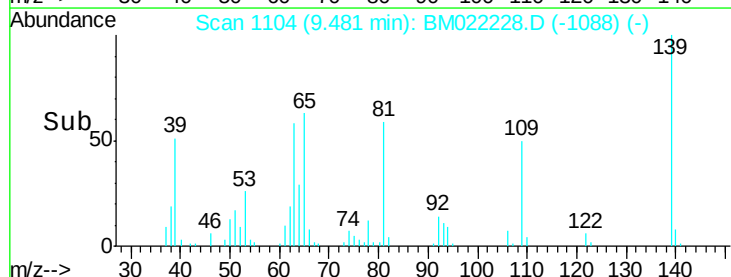


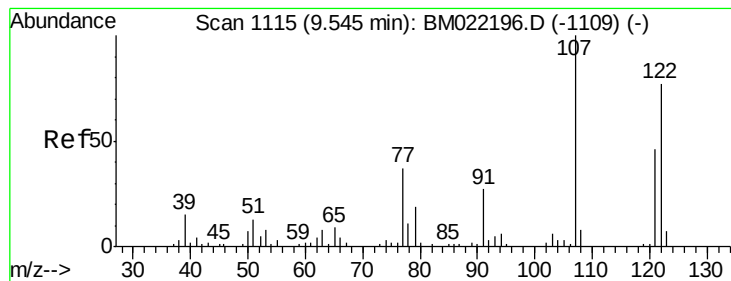
Abundance Ion 139.00 (138.70 to 139.70): BM022228.D (-1097) (-)

Ion 109.00 (108.70 to 109.70): BM022228.D (-1097) (-)

Ion 65.00 (64.70 to 65.70): BM022228.D (-1097) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 54.438 ng

RT: 9.54 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampled :

SP-1MS

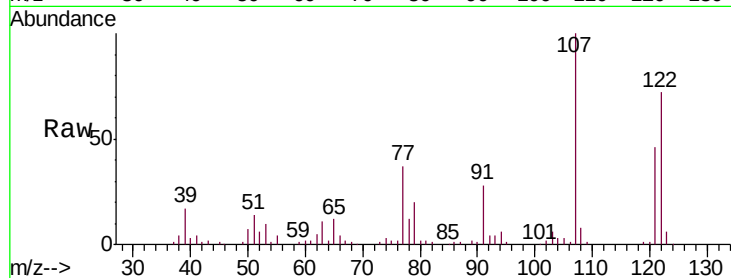
Tgt Ion:122 Resp: 95540

Ion Ratio Lower Upper

122 100

107 138.5 95.3 142.9

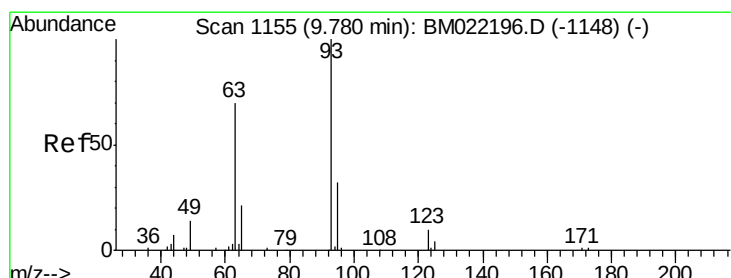
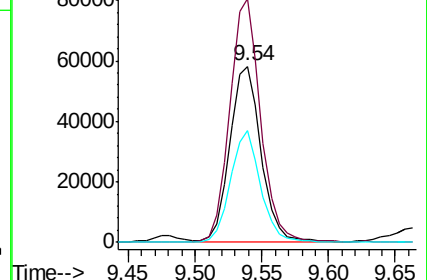
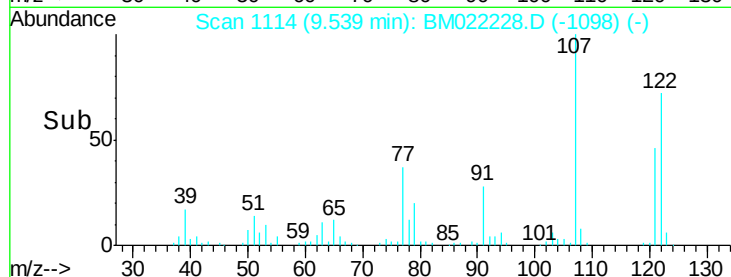
121 63.3 47.5 71.3



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: 46.231 ng

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

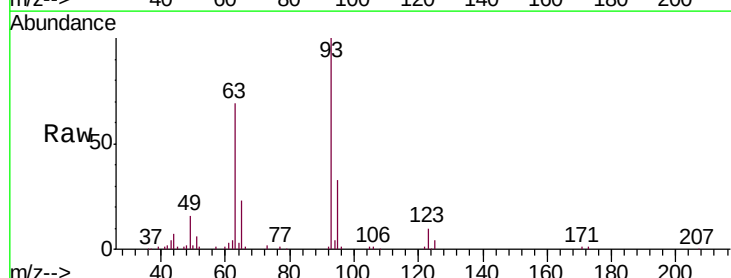
Tgt Ion: 93 Resp: 130312

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

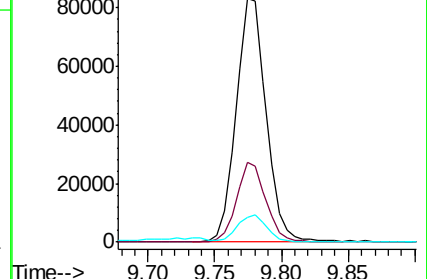
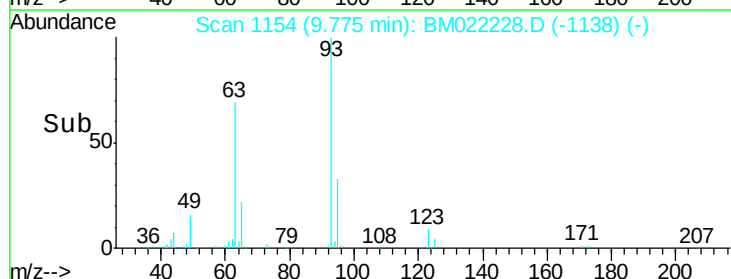
123 10.3 9.0 13.4

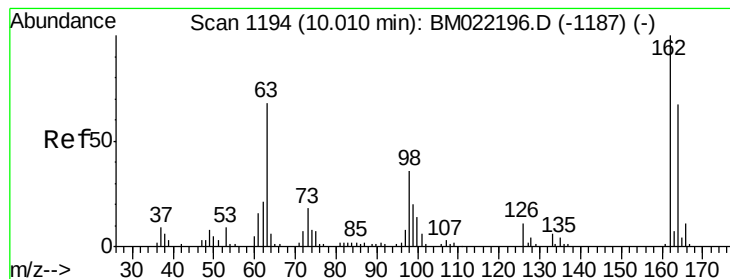


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.434 ng

RT: 10.00 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

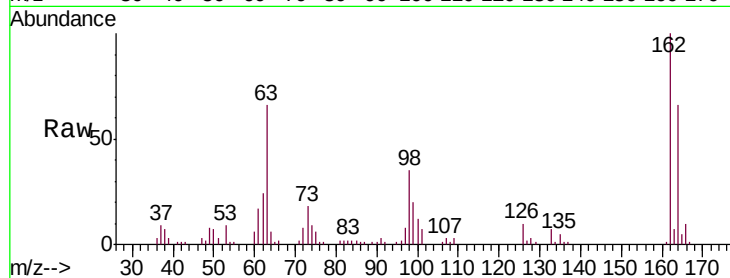
Tgt Ion:162 Resp: 106810

Ion Ratio Lower Upper

162 100

164 66.1 43.7 83.7

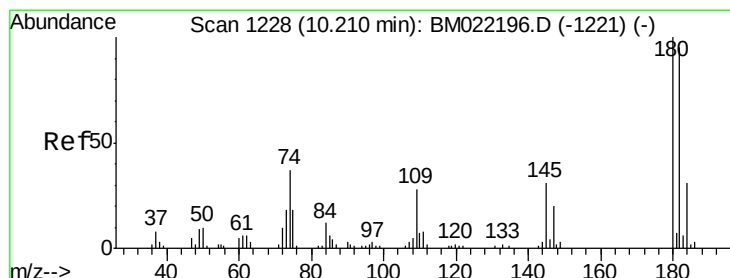
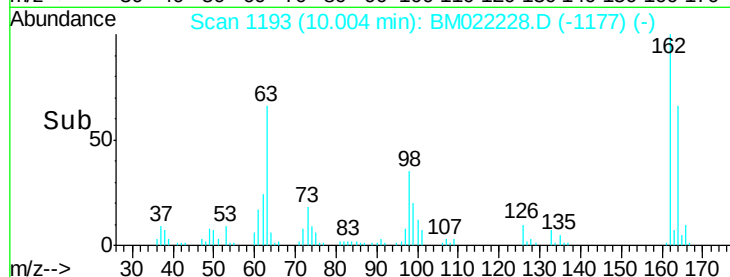
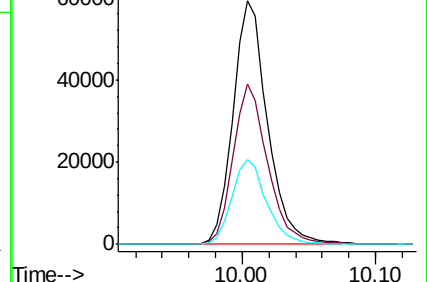
98 34.9 13.4 53.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 46.634 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

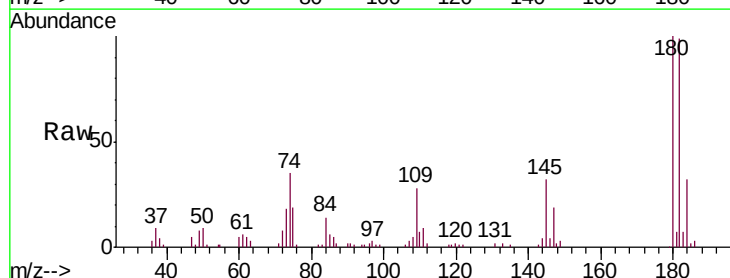
Tgt Ion:180 Resp: 121654

Ion Ratio Lower Upper

180 100

182 98.6 78.0 117.0

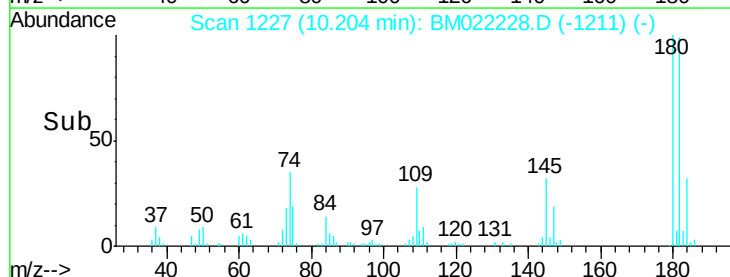
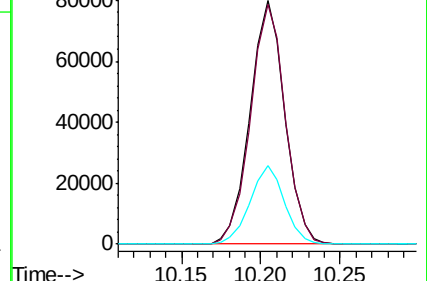
145 32.4 23.4 35.0

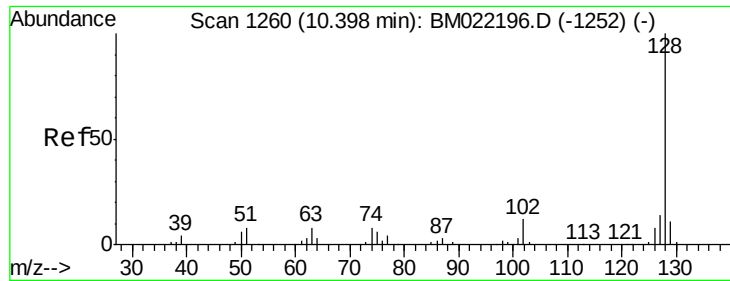


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

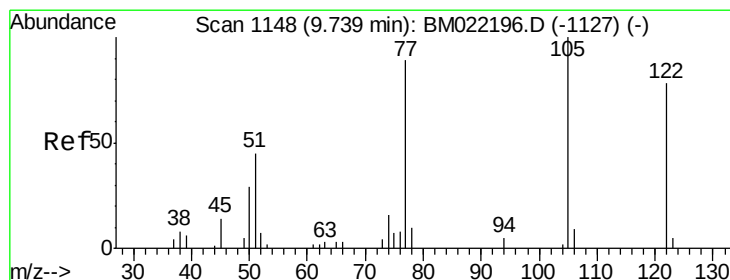
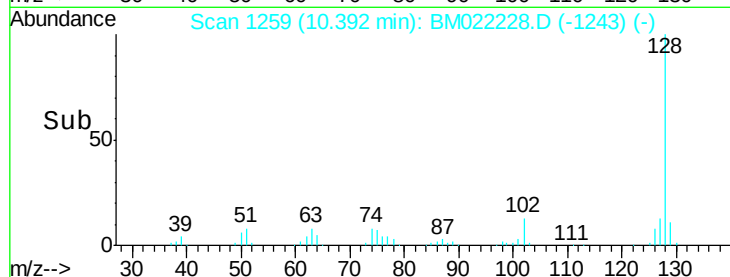
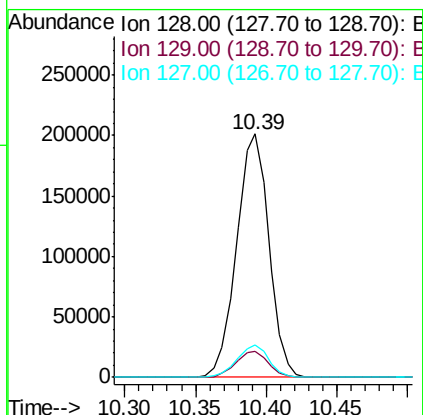
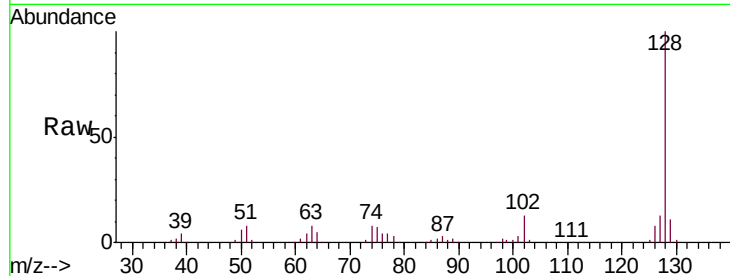




#31
Naphthalene
Concen: 47.420 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

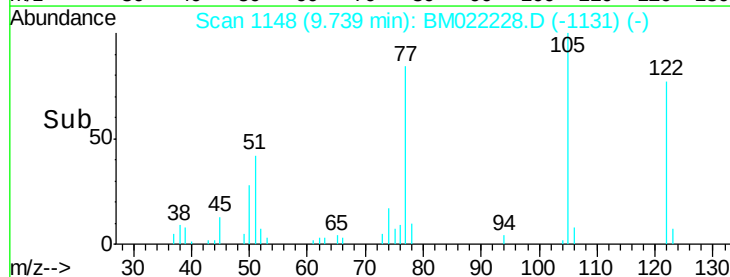
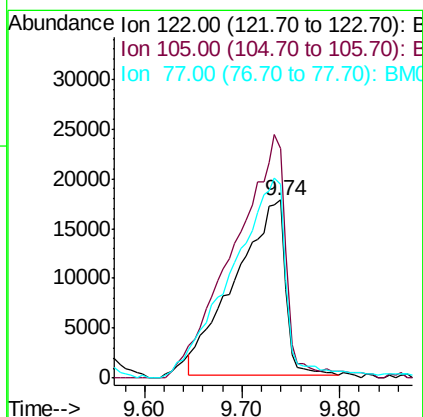
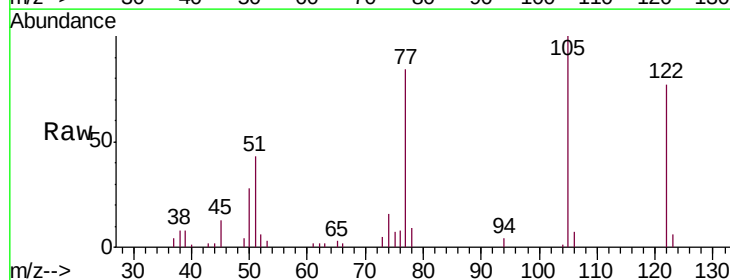
Instrument :
BNA_M
ClientSampleId :
SP-1MS

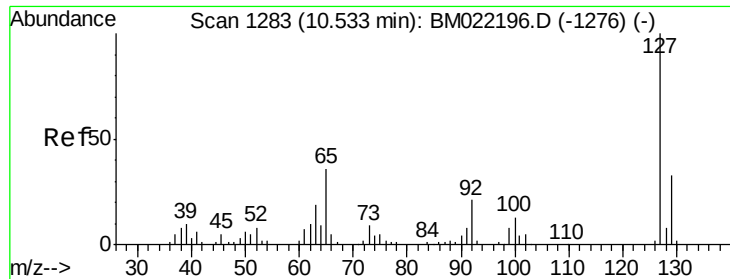
Tgt Ion:128 Resp: 321595
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 42.050 ng
RT: 9.74 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion:122 Resp: 62997
Ion Ratio Lower Upper
122 100
105 129.2 108.9 148.9
77 108.9 76.7 116.7

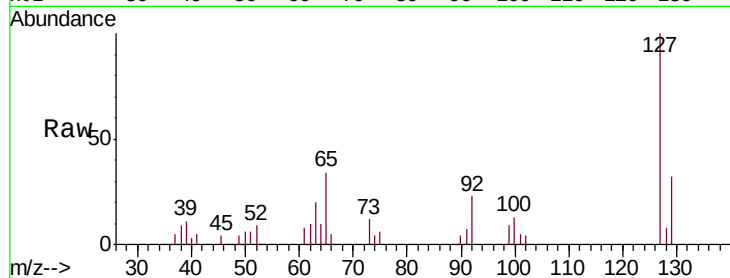




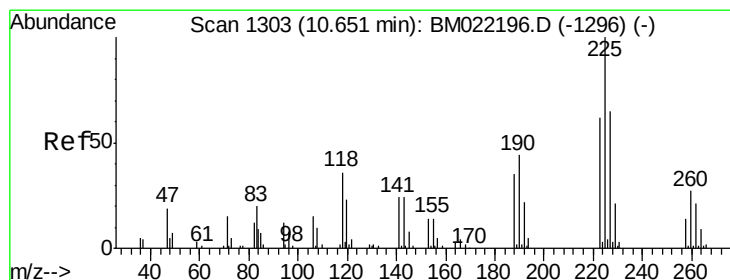
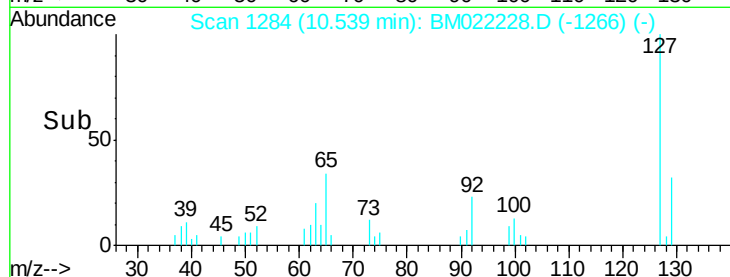
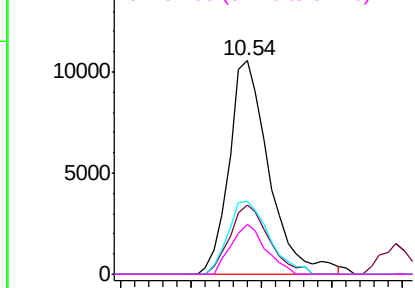
#33
4-Chloroaniline
Concen: 7.320 ng
RT: 10.54 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Instrument :
BNA_M
ClientSampleId :
SP-1MS

Tgt Ion:	127	Resp:	20776
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.1	37.7
65	34.0	23.8	35.8
92	23.2	15.7	23.5

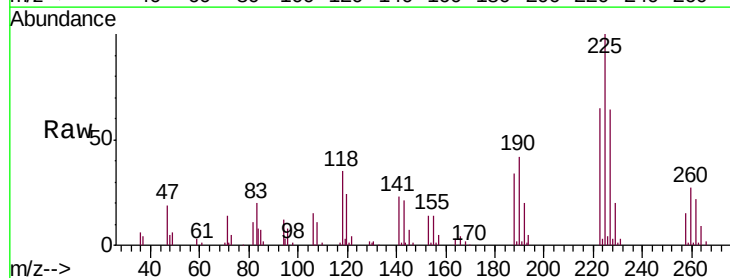


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

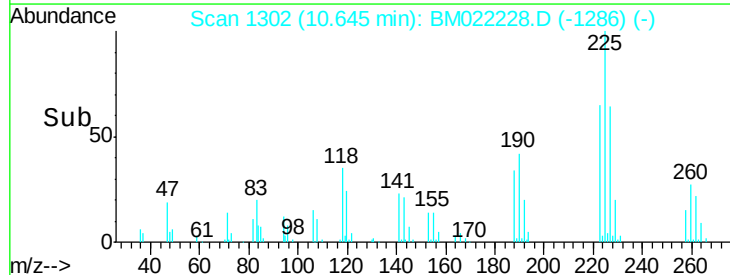
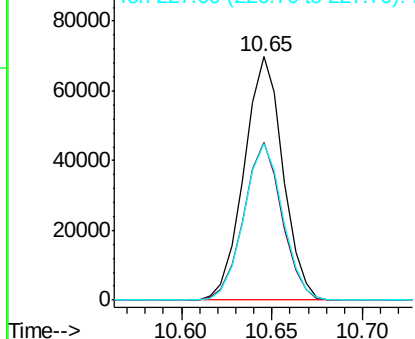


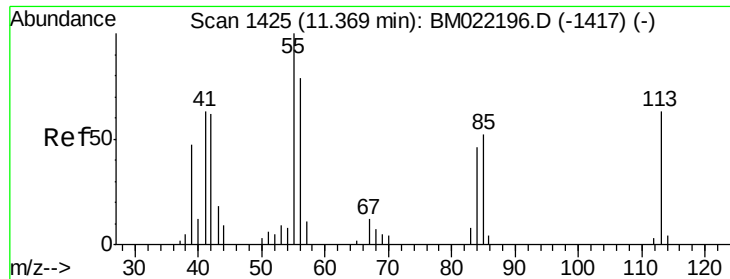
#34
Hexachlorobutadiene
Concen: 46.433 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion:	225	Resp:	103932
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.6	74.4
227	64.3	50.4	75.6



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

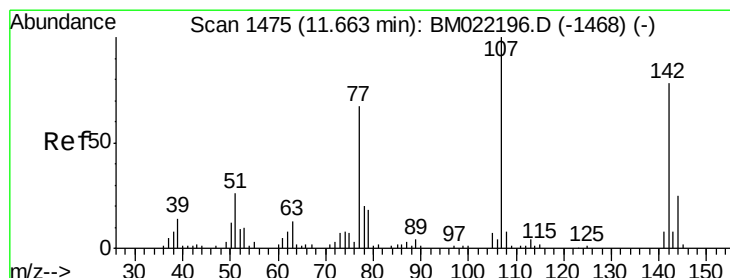
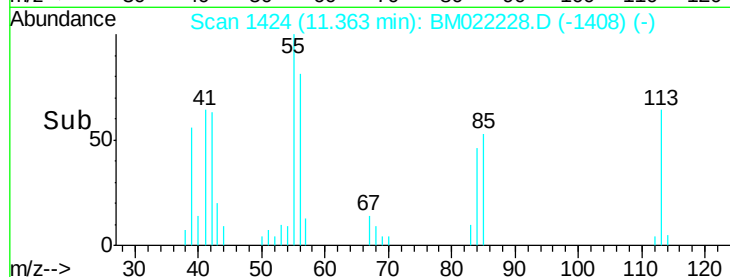
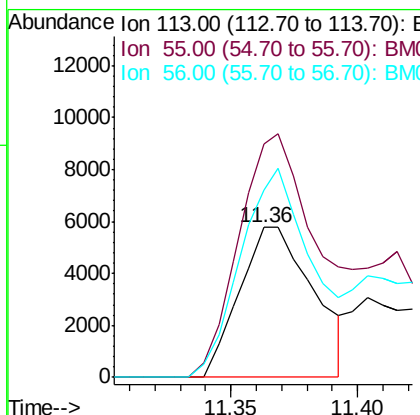
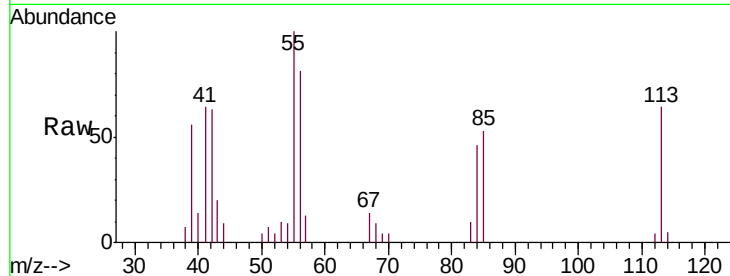




#35
 Caprolactam
 Concen: 20.592 ng
 RT: 11.36 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

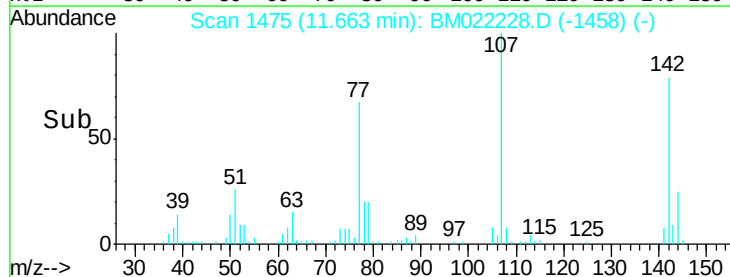
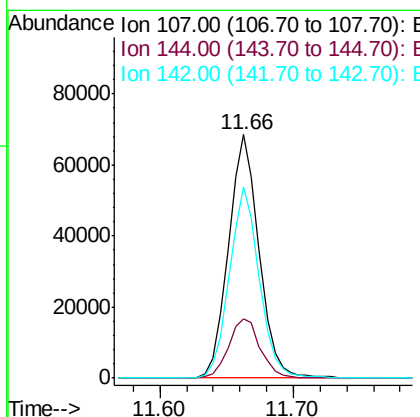
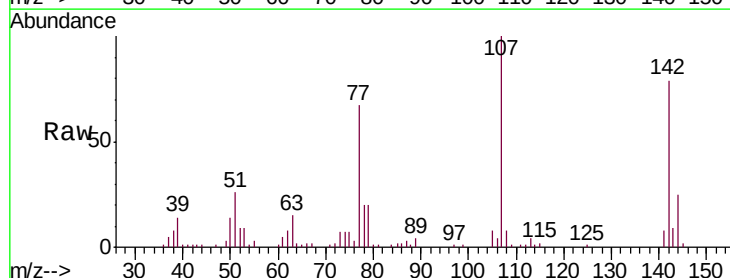
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

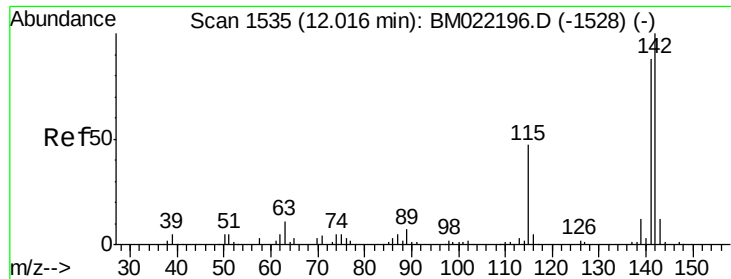
Tgt Ion:113 Resp: 11723
 Ion Ratio Lower Upper
 113 100
 55 155.2 129.8 169.8
 56 125.1 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.904 ng
 RT: 11.66 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion:107 Resp: 109475
 Ion Ratio Lower Upper
 107 100
 144 24.6 21.3 31.9
 142 78.7 64.9 97.3

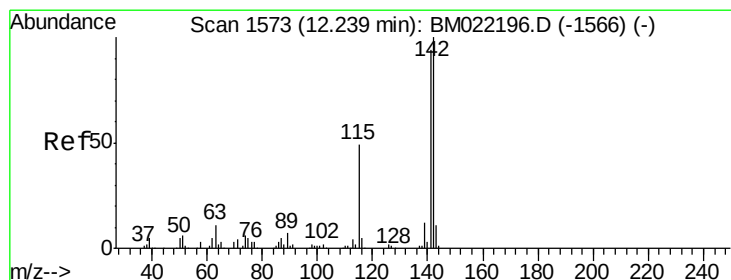
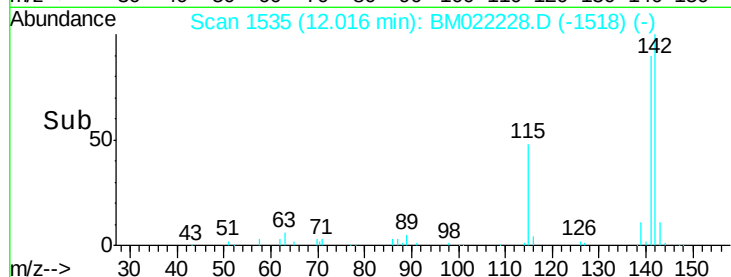
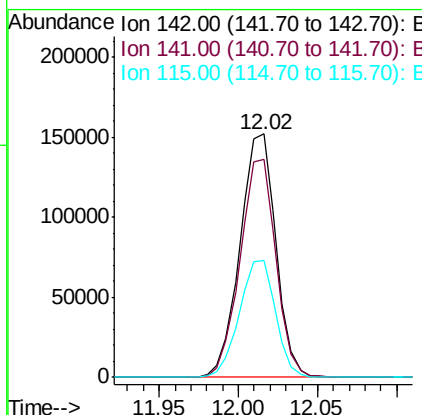
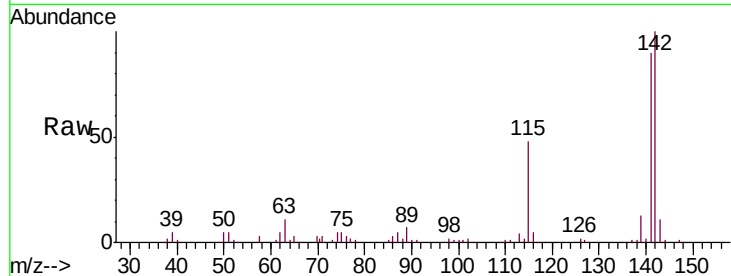




#37
 2-Methylnaphthalene
 Concen: 48.086 ng
 RT: 12.02 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

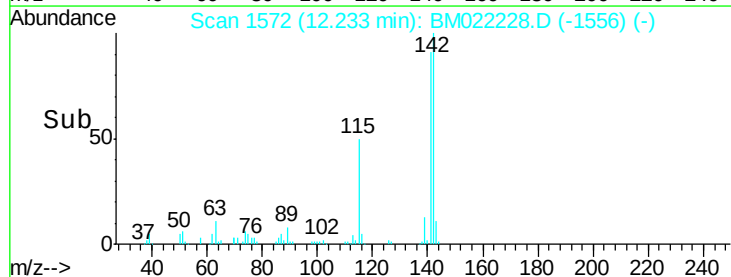
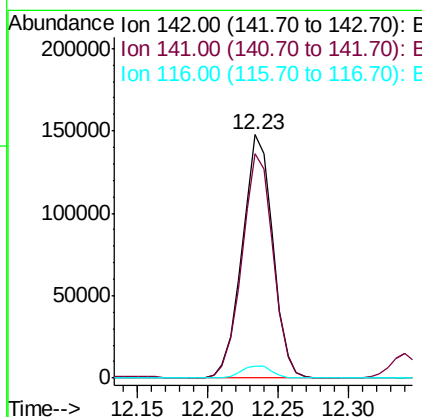
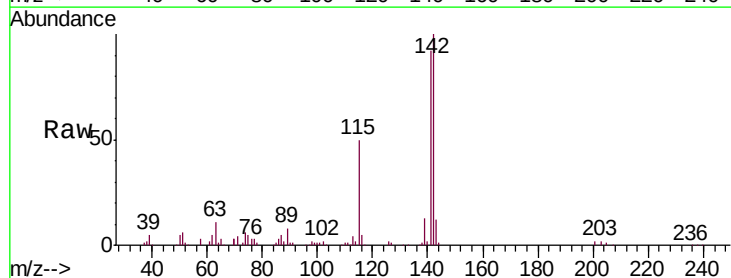
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

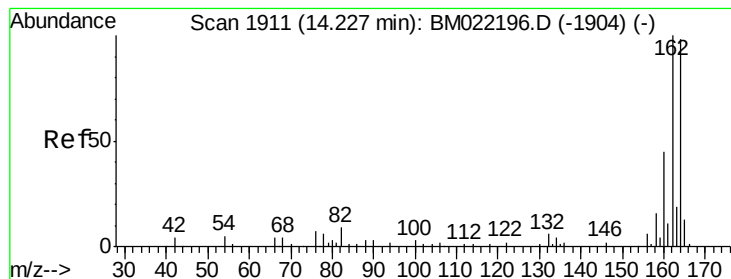
Tgt Ion:142 Resp: 238365
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.2 108.2
 115 48.1 27.9 41.9#



#38
 1-Methylnaphthalene
 Concen: 47.412 ng
 RT: 12.23 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion:142 Resp: 224489
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.9 110.9
 116 5.1 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: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

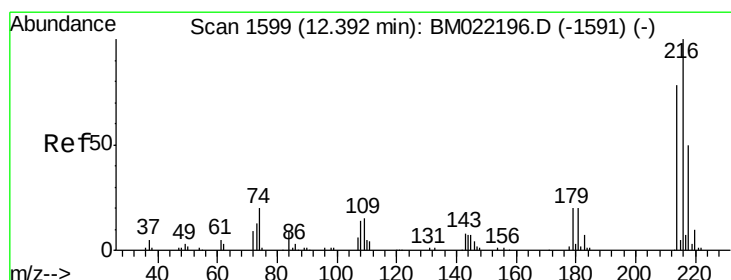
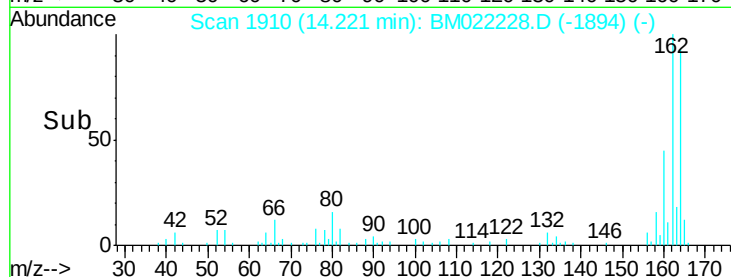
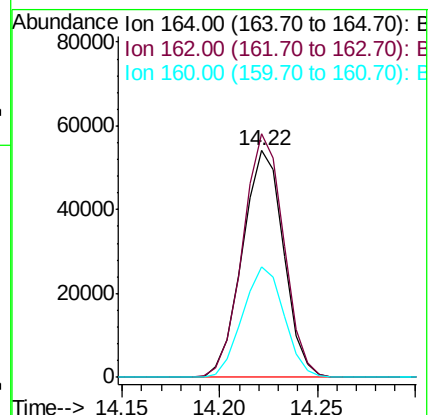
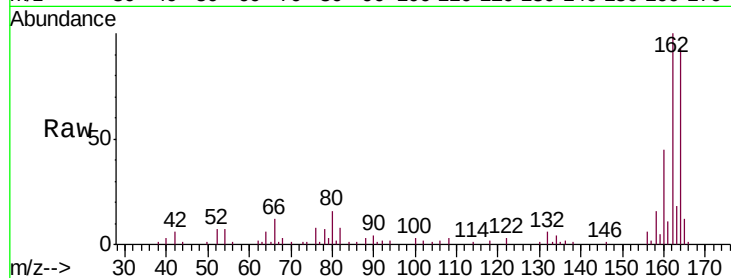
Tgt Ion:164 Resp: 79240

Ion Ratio Lower Upper

164 100

162 107.5 82.1 123.1

160 48.9 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.752 ng

RT: 12.39 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Tgt Ion:216 Resp: 163622

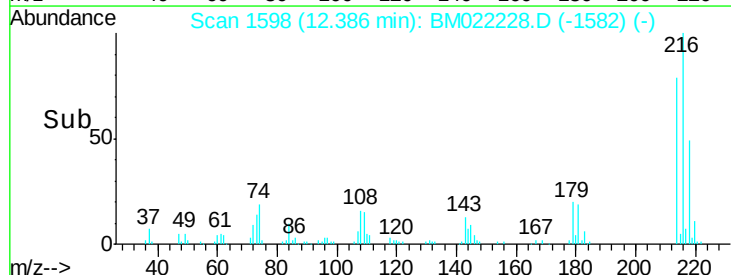
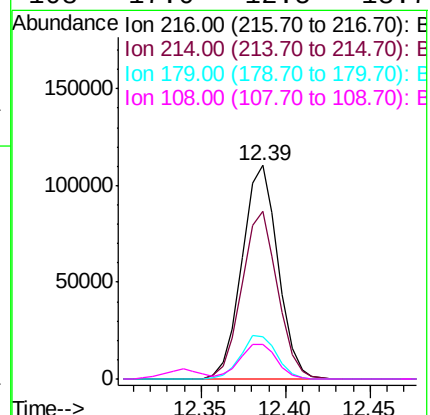
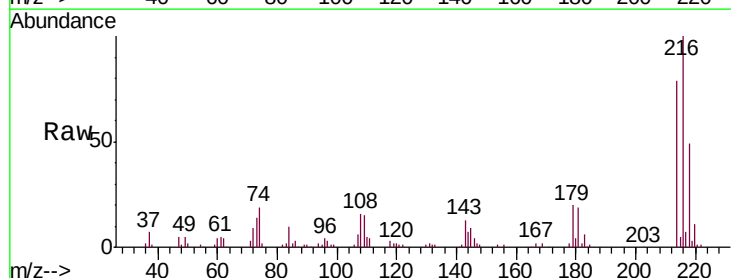
Ion Ratio Lower Upper

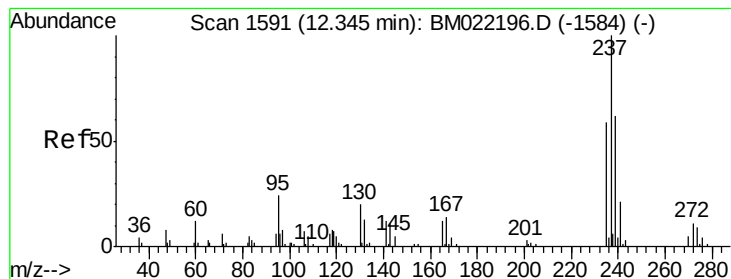
216 100

214 78.0 63.0 94.6

179 20.5 16.4 24.6

108 17.0 12.5 18.7





#41

Hexachlorocyclopentadiene

Concen: 92.372 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

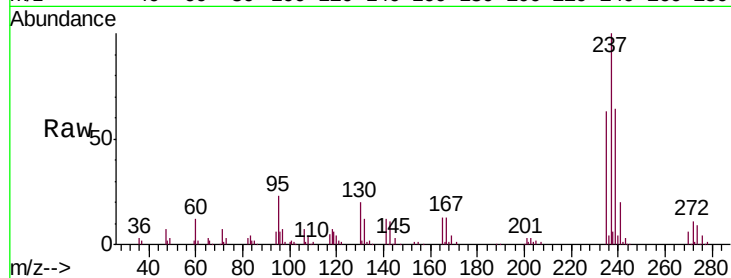
Tgt Ion: 237 Resp: 171239

Ion Ratio Lower Upper

237 100

235 63.1 41.7 81.7

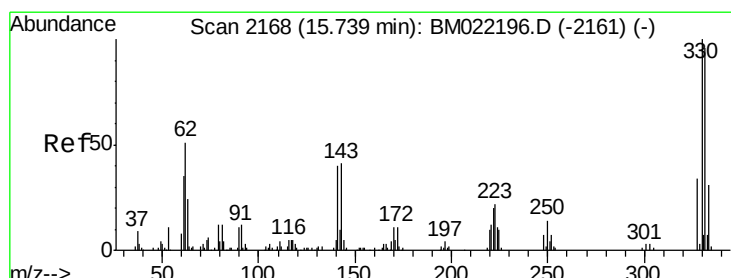
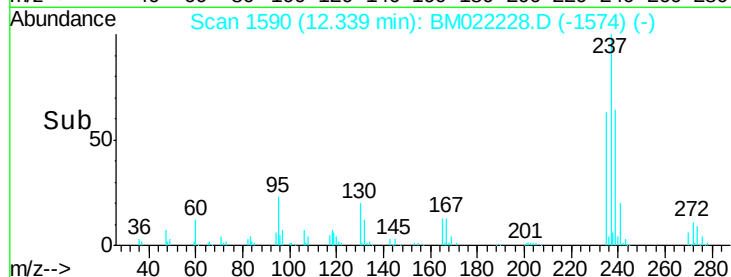
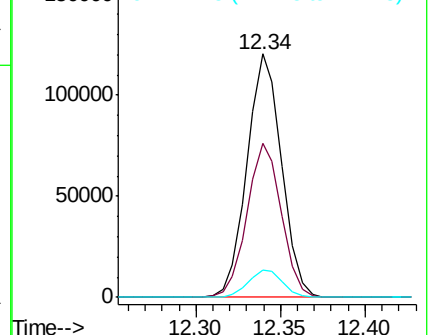
272 11.3 0.0 34.1



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: 138.131 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

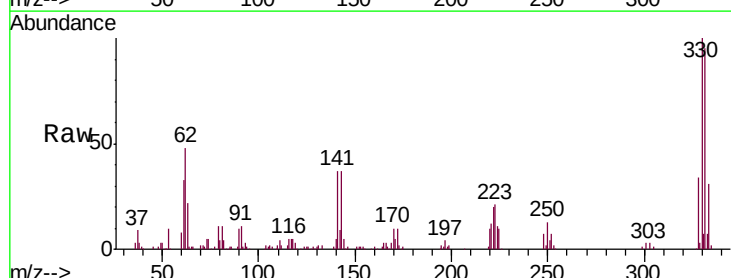
Tgt Ion: 330 Resp: 177162

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

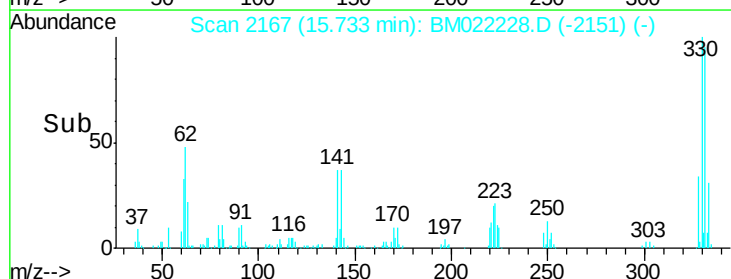
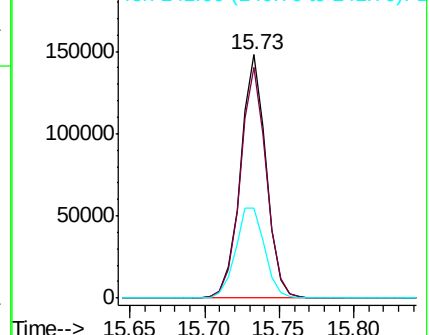
141 42.1 21.8 32.8#

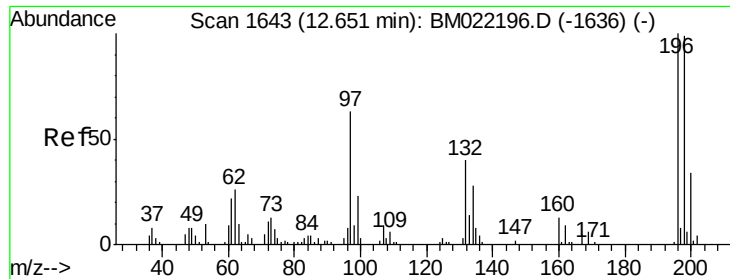


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

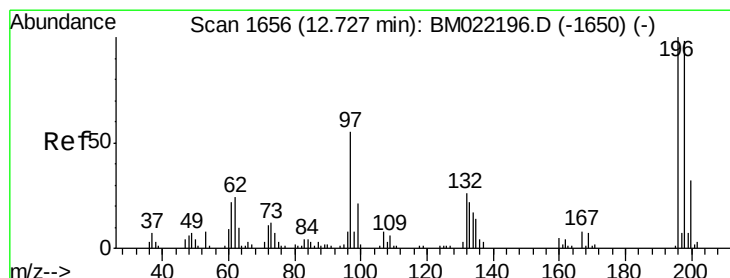
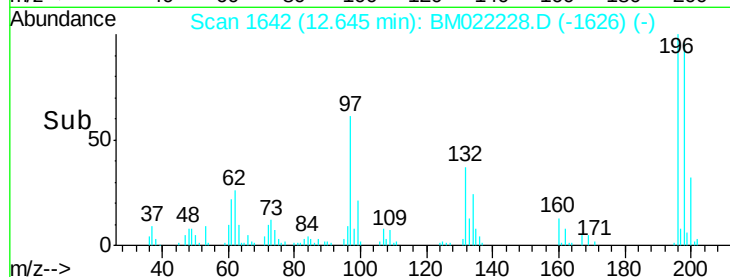
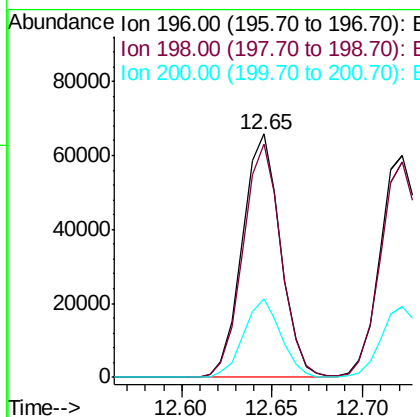
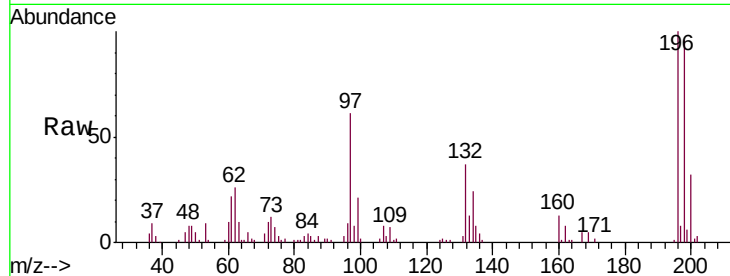




#43
 2,4,6-Trichlorophenol
 Concen: 51.844 ng
 RT: 12.65 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

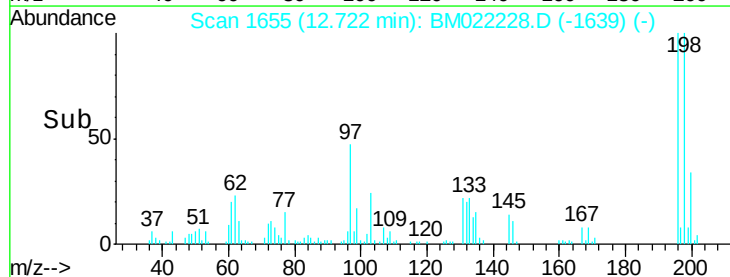
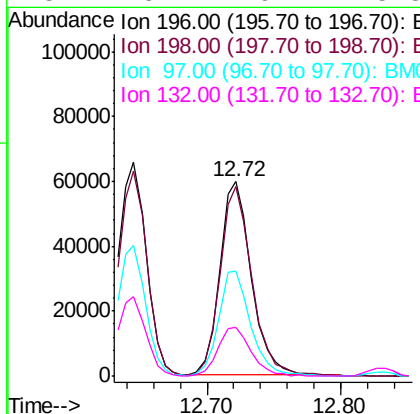
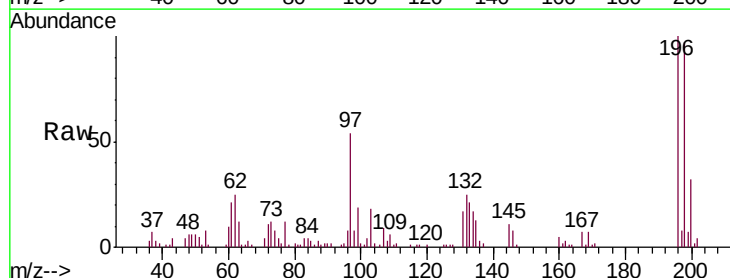
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

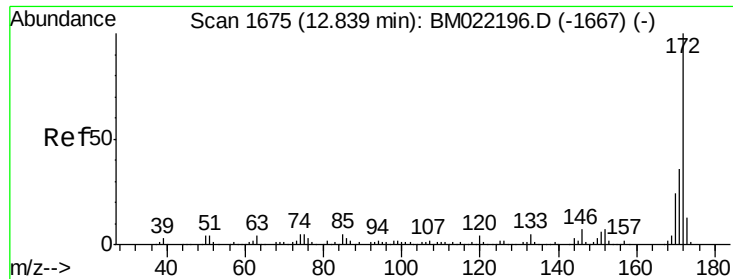
Tgt Ion:196 Resp: 96395
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.7 115.1
 200 32.1 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 51.874 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion:196 Resp: 97904
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.2 117.4
 97 54.0 34.1 51.1#
 132 25.1 19.2 28.8

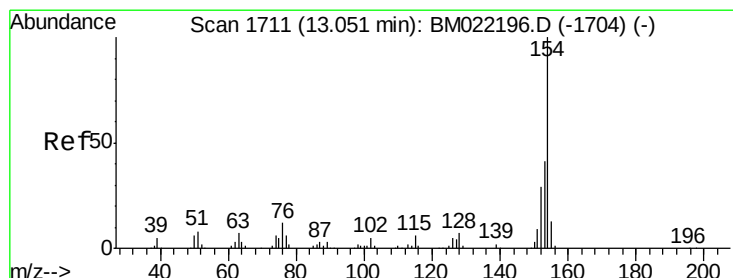
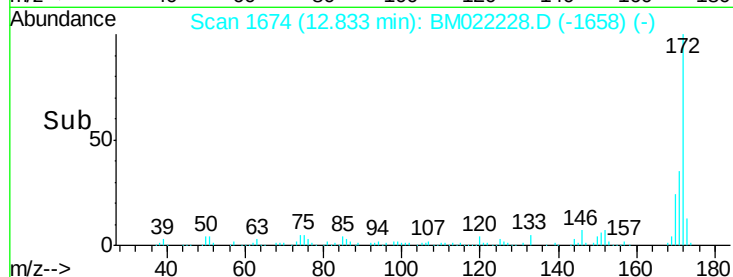
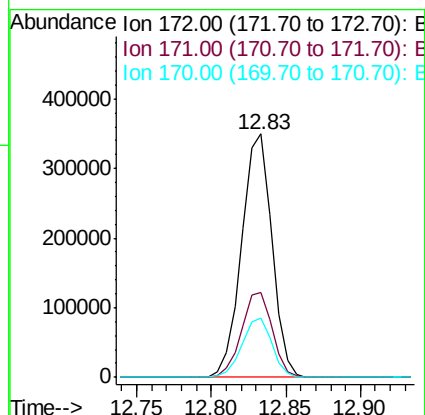
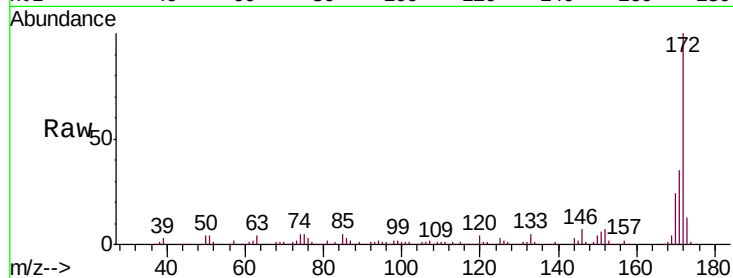




#45
2-Fluorobiphenyl
Concen: 77.664 ng
RT: 12.83 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

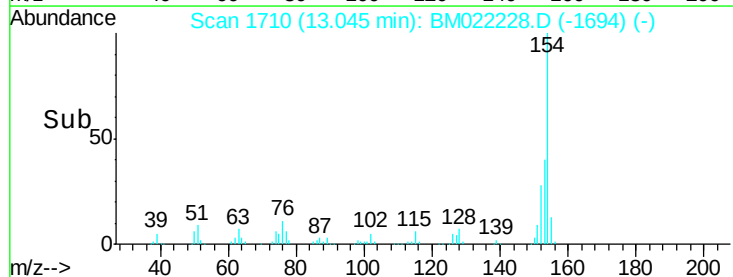
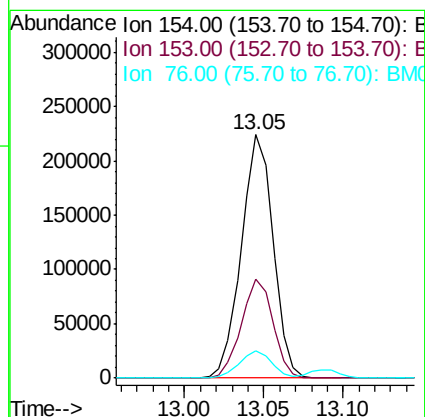
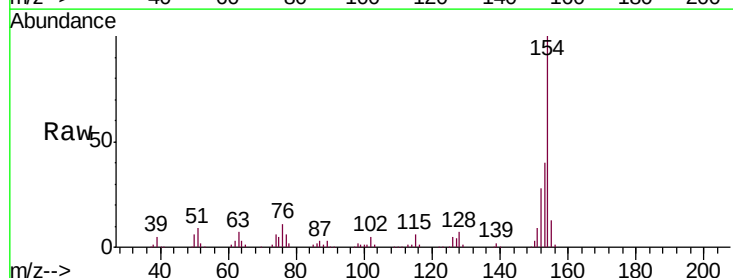
Instrument :
BNA_M
ClientSampleId :
SP-1MS

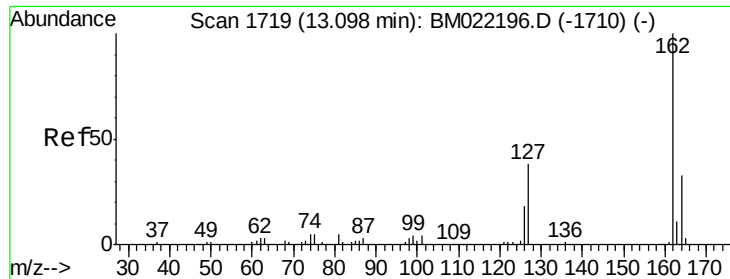
Tgt Ion:	172	Resp:	492725
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	24.4	18.7	28.1



#46
1,1'-Biphenyl
Concen: 50.127 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion:	154	Resp:	312379
Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	11.3	0.0	30.9

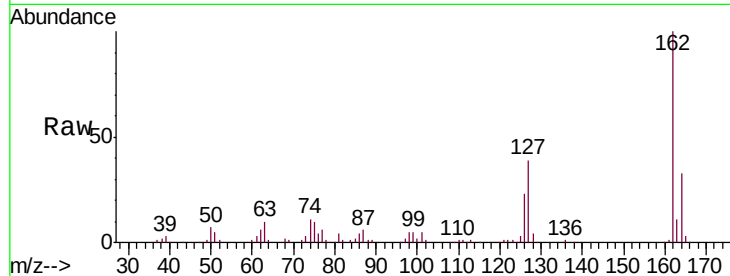




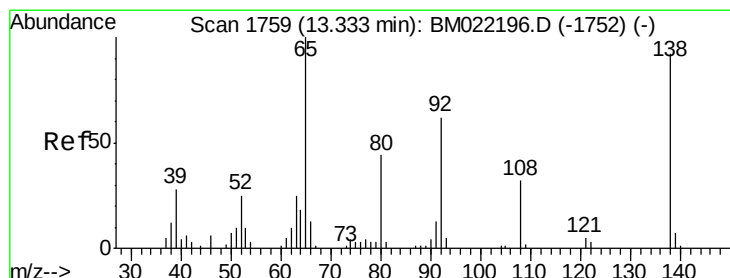
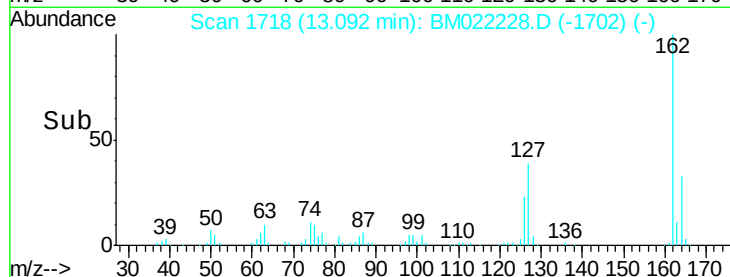
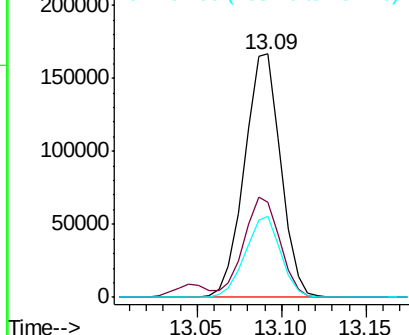
#47
 2-Chloronaphthalene
 Concen: 48.673 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.4	44.2
164	33.4	26.5	39.7

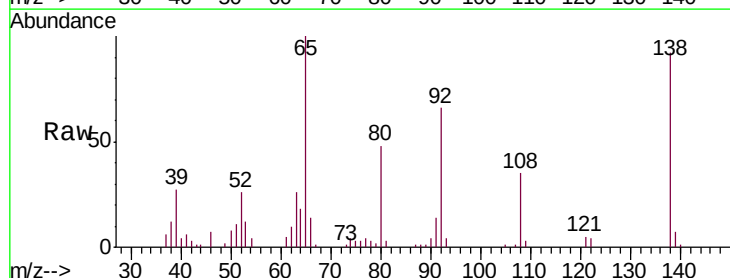


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

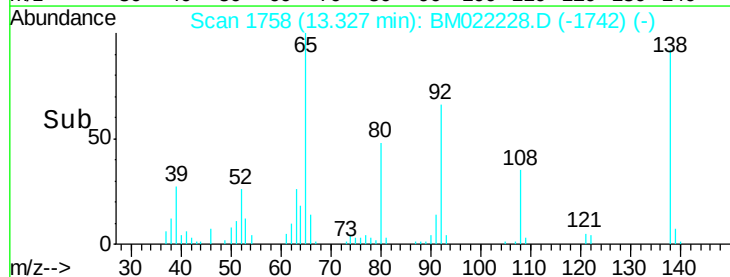
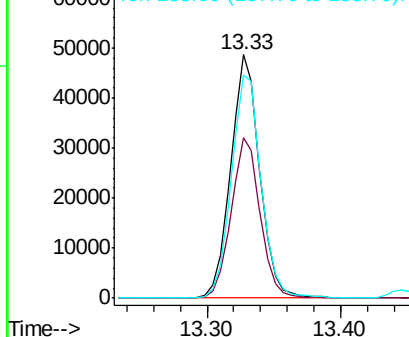


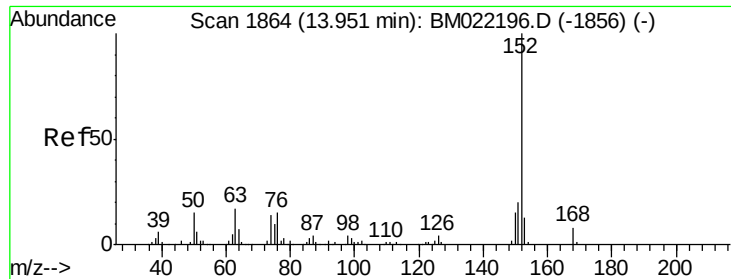
#48
 2-Nitroaniline
 Concen: 45.391 ng
 RT: 13.33 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	56.3	84.5
138	91.8	92.6	139.0#



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.691 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

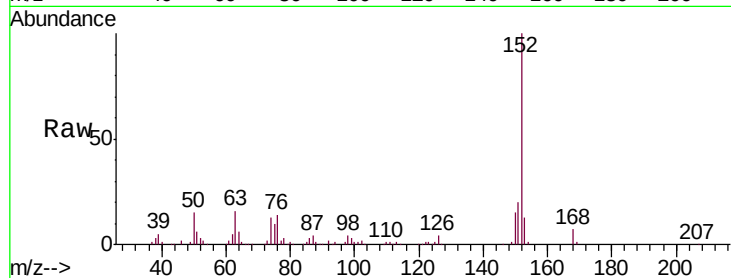
Tgt Ion:152 Resp: 390899

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

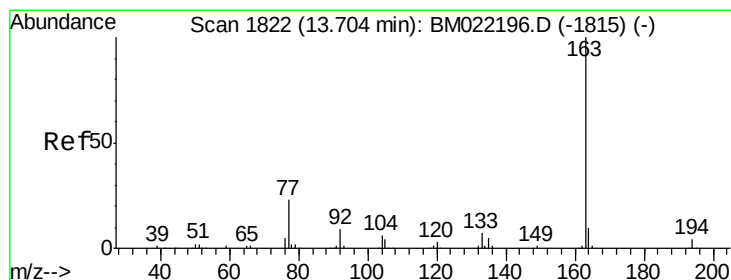
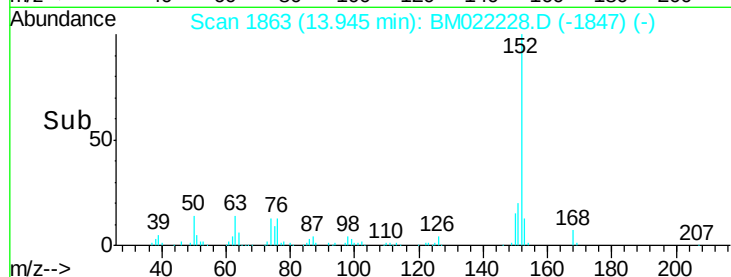
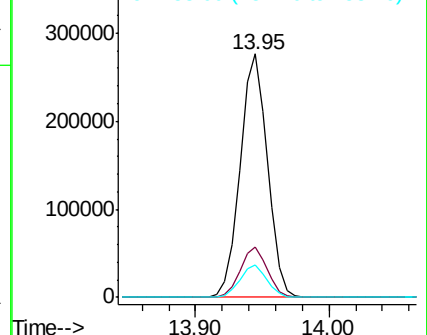
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.945 ng

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

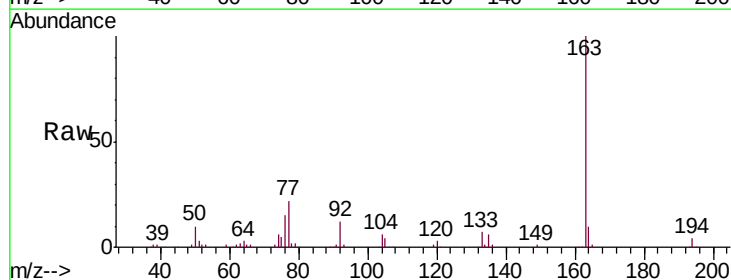
Tgt Ion:163 Resp: 386035

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

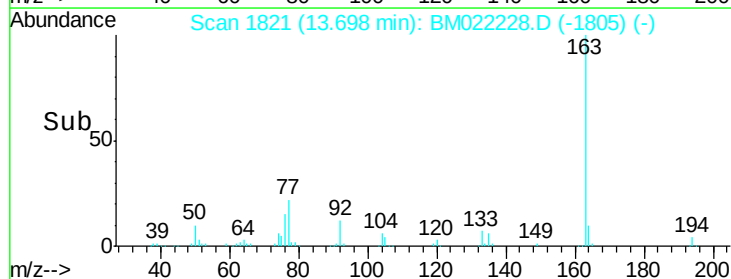
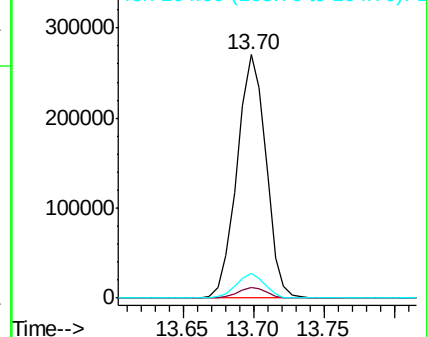
164 10.2 8.2 12.2

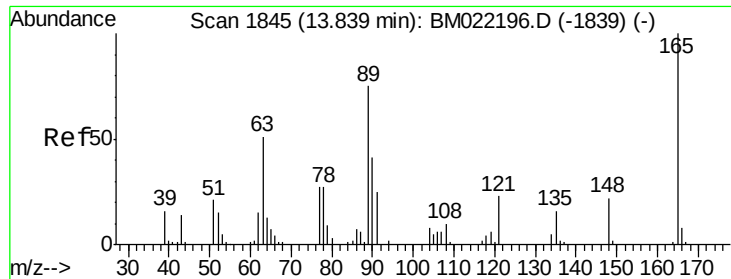


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

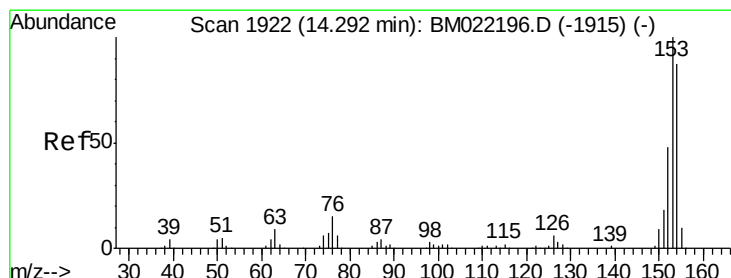
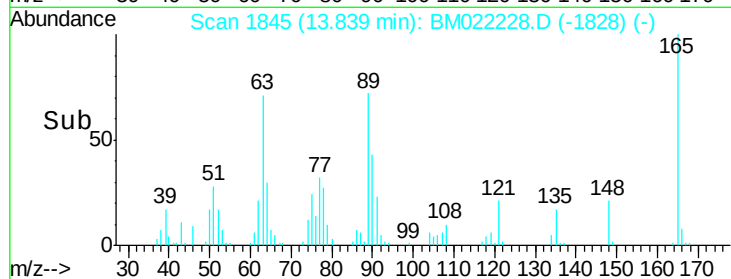
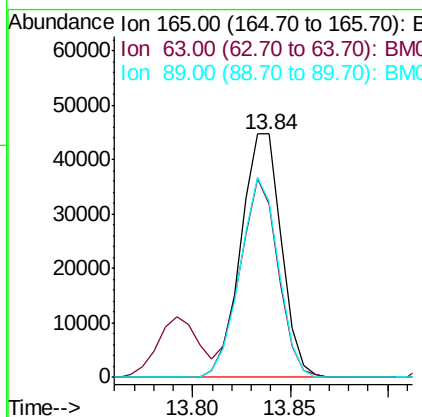
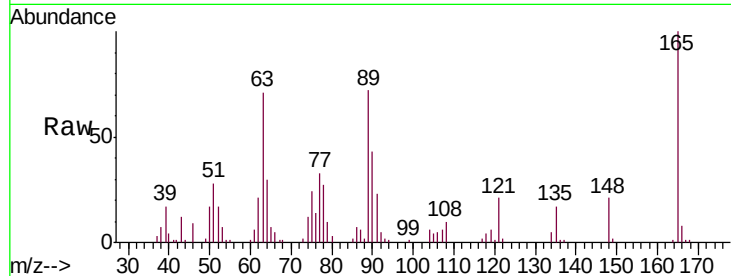




#51
 2,6-Dinitrotoluene
 Concen: 48.867 ng
 RT: 13.84 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

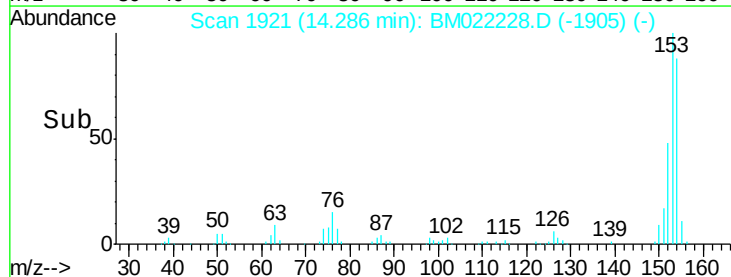
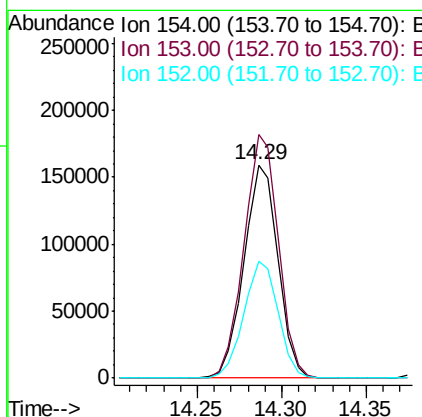
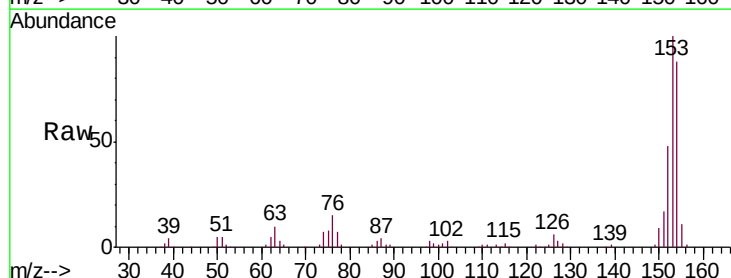
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

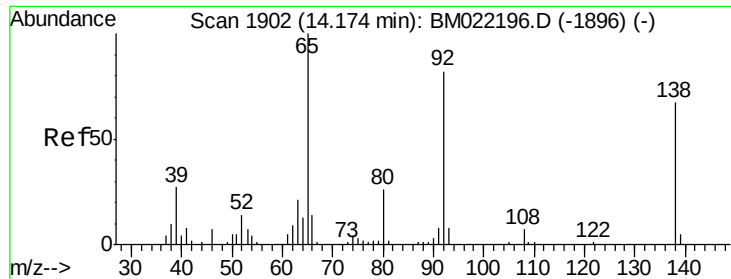
Tgt Ion:165 Resp: 64292
 Ion Ratio Lower Upper
 165 100
 63 71.2 37.8 56.6#
 89 72.0 39.7 59.5#



#52
 Acenaphthene
 Concen: 48.804 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion:154 Resp: 223891
 Ion Ratio Lower Upper
 154 100
 153 114.2 91.5 137.3
 152 54.8 42.3 63.5

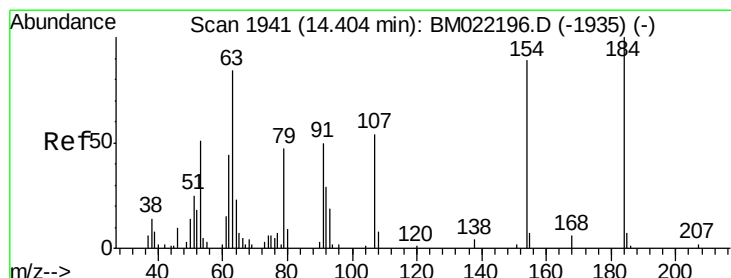
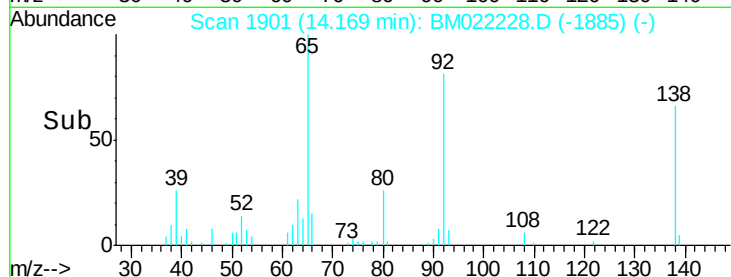
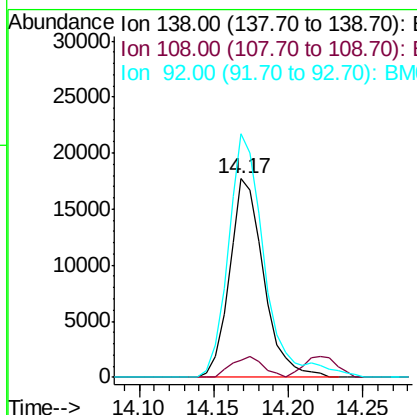
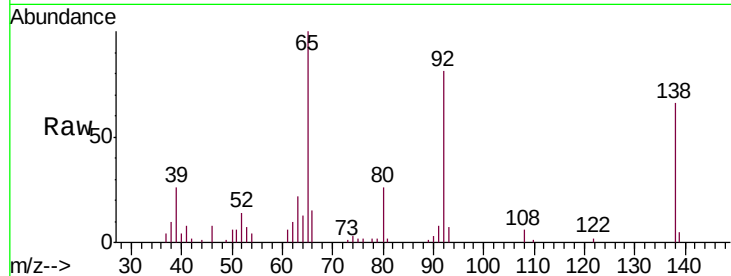




#53
 3-Nitroaniline
 Concen: 21.589 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

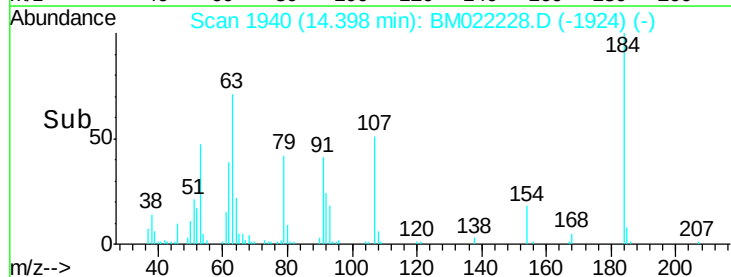
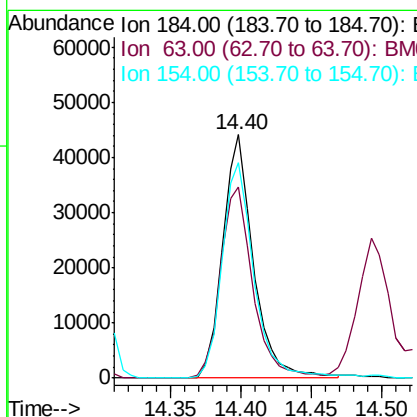
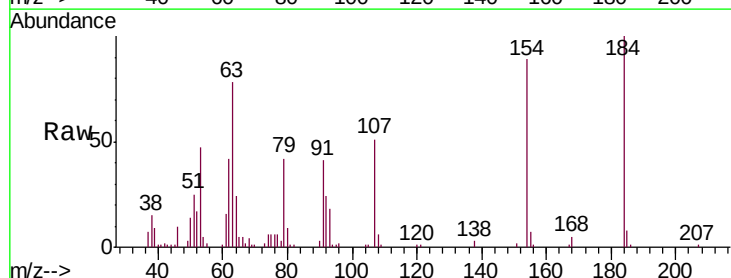
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

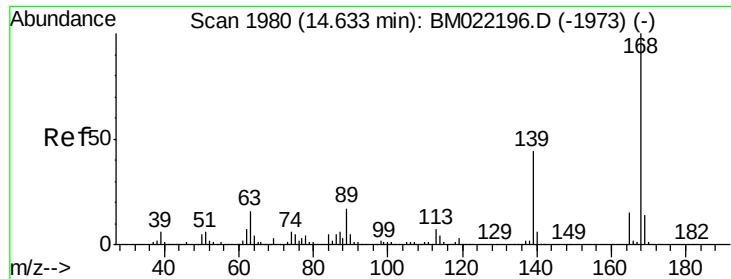
Tgt Ion:138 Resp: 28286
 Ion Ratio Lower Upper
 138 100
 108 8.4 9.0 13.4#
 92 122.6 92.2 138.2



#54
 2,4-Dinitrophenol
 Concen: 88.390 ng
 RT: 14.40 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion:184 Resp: 66662
 Ion Ratio Lower Upper
 184 100
 63 78.3 45.5 68.3#
 154 88.6 50.6 76.0#

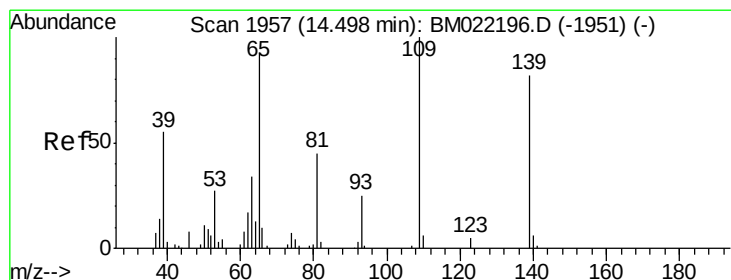
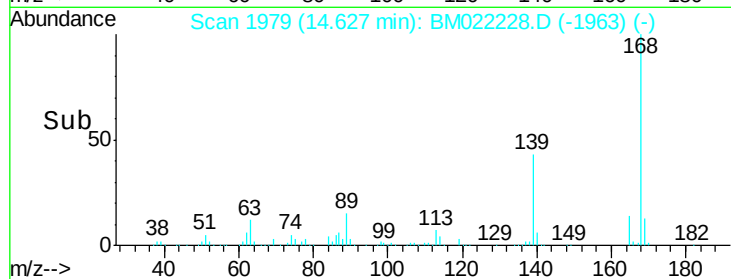
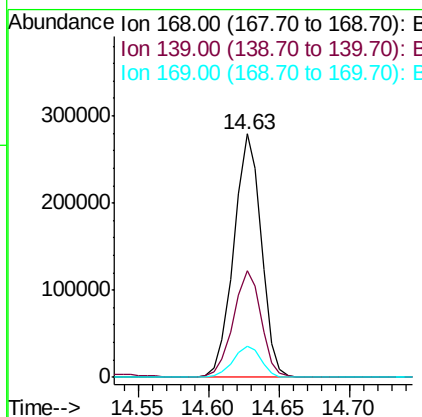
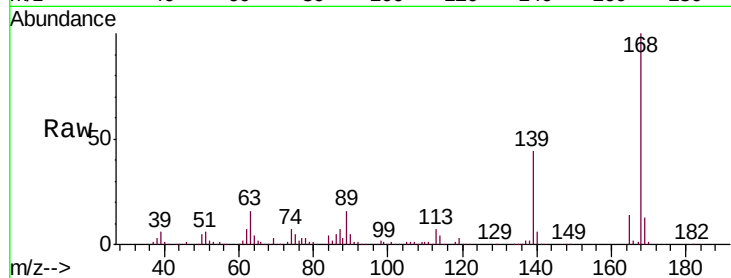




#55
Dibenzenofuran
Concen: 49.605 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

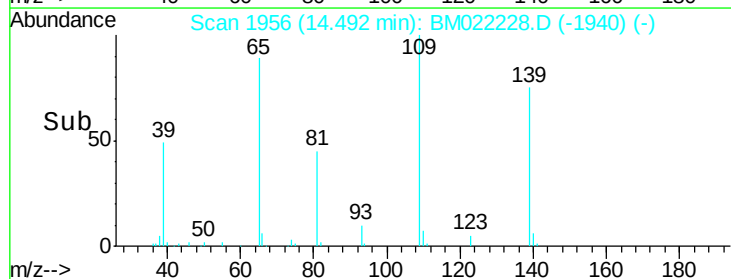
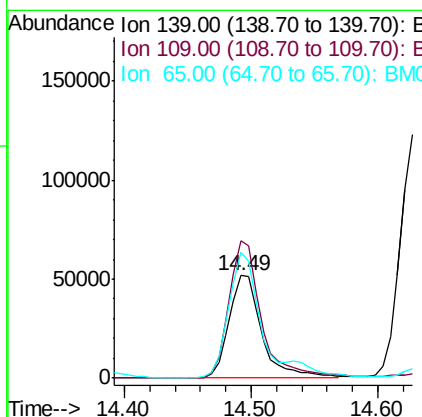
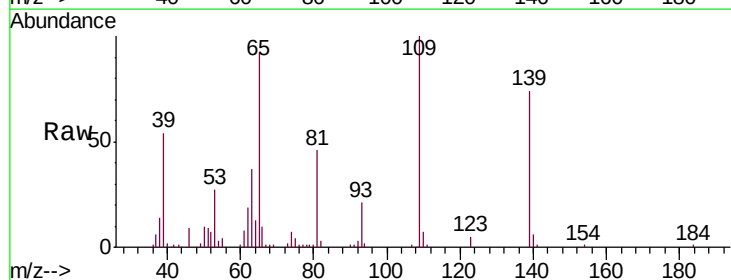
Instrument :
BNA_M
ClientSampleId :
SP-1MS

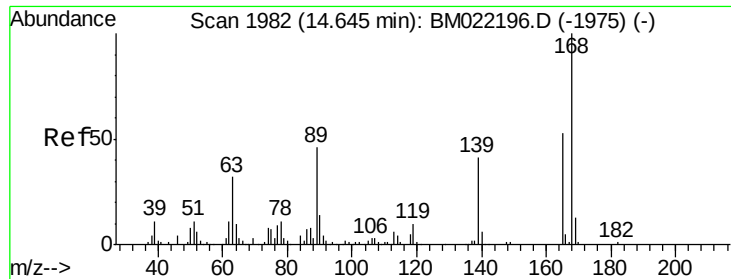
Tgt Ion:168 Resp: 378144
Ion Ratio Lower Upper
168 100
139 44.0 28.4 42.6#
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 106.605 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion:139 Resp: 93091
Ion Ratio Lower Upper
139 100
109 134.5 53.3 93.3#
65 123.2 70.3 110.3#

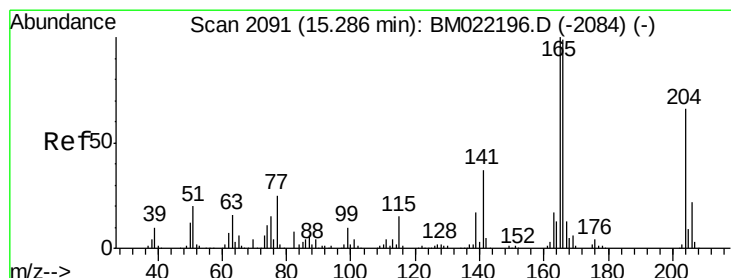
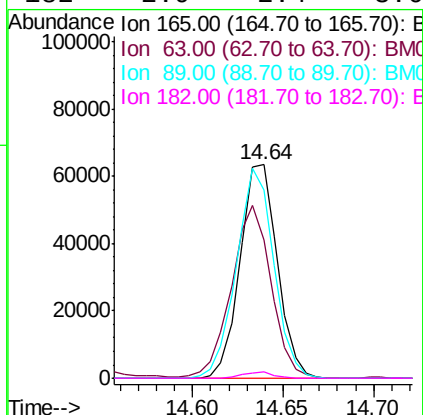
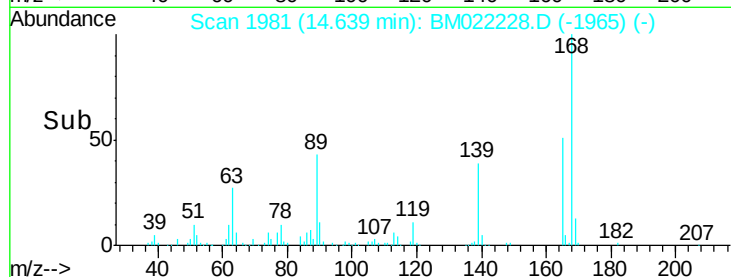
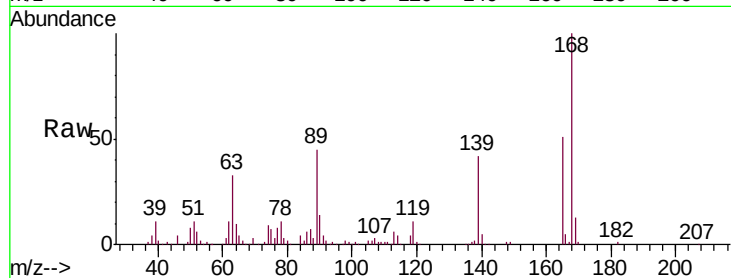




#57
 2,4-Dinitrotoluene
 Concen: 48.151 ng
 RT: 14.64 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

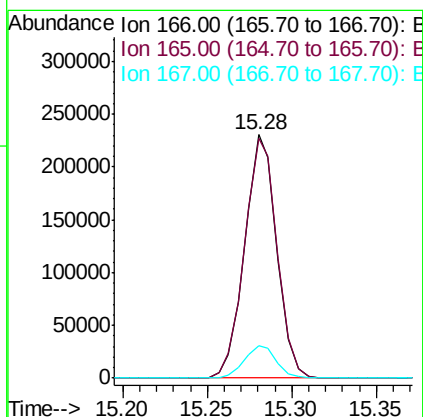
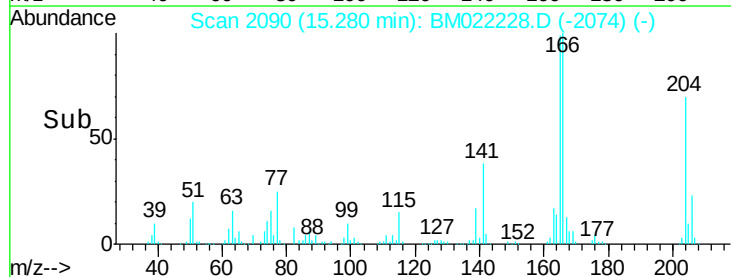
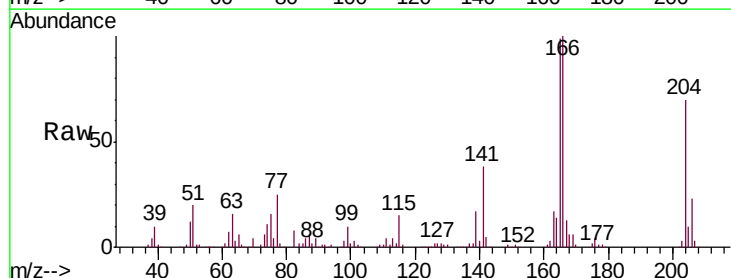
Instrument :
 BNA_M
 ClientSampleID :
 SP-1MS

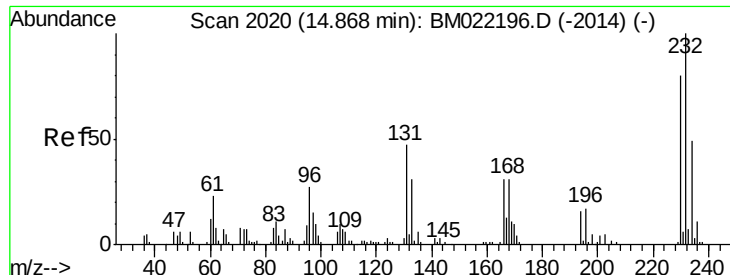
Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.7	29.6	44.4#
89	87.9	49.5	74.3#
182	2.9	2.4	3.6



#58
 Fluorene
 Concen: 47.201 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.1	10.9	16.3

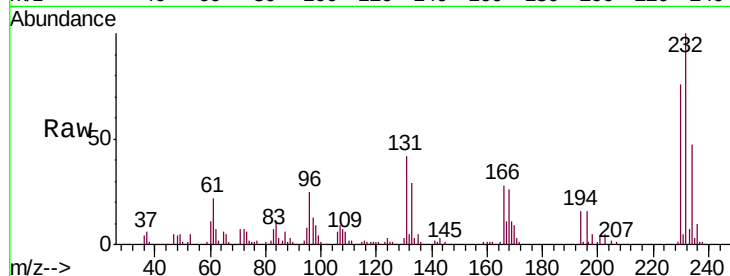




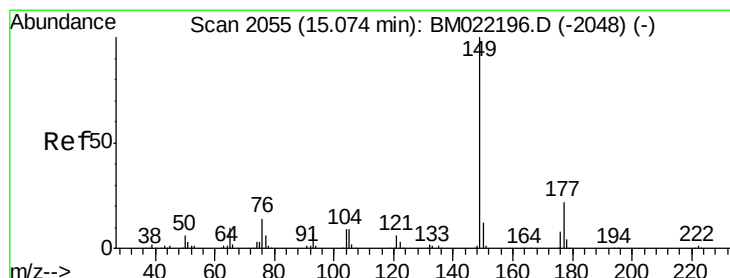
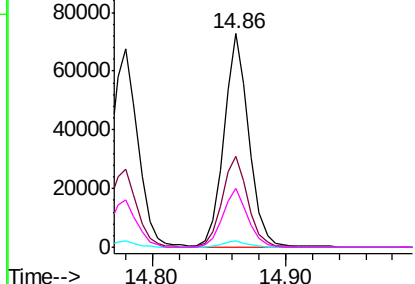
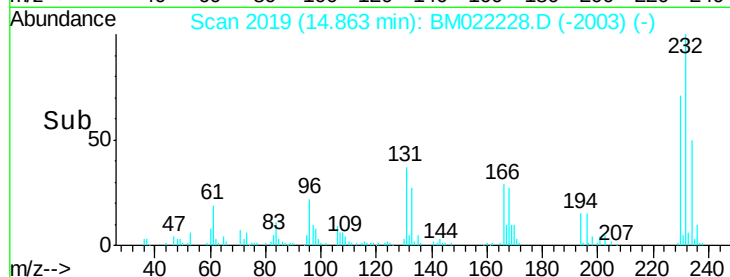
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.026 ng
 RT: 14.86 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

Tgt Ion: 232 Resp: 96015
 Ion Ratio Lower Upper
 232 100
 131 43.9 30.6 46.0
 130 3.0 1.7 2.5#
 166 27.3 23.4 35.0

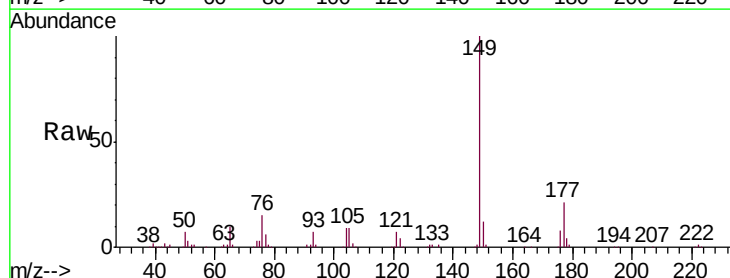


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

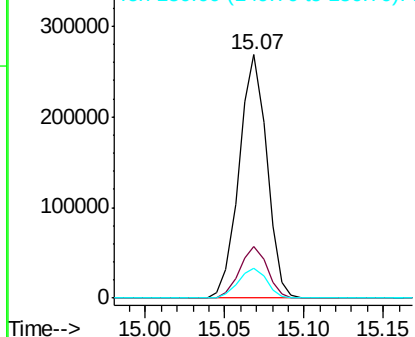
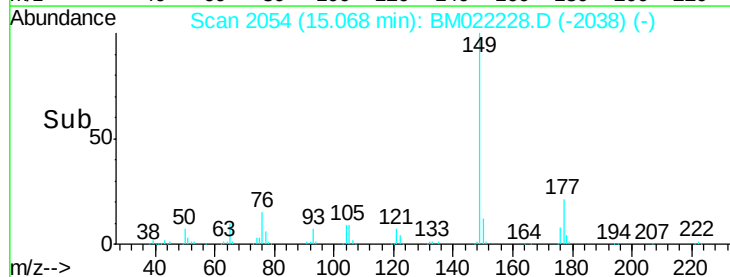


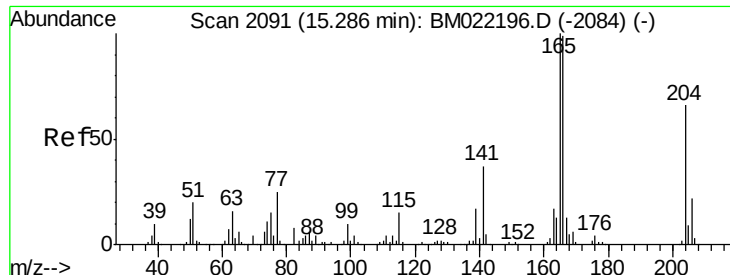
#60
 Diethylphthalate
 Concen: 46.479 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion: 149 Resp: 326527
 Ion Ratio Lower Upper
 149 100
 177 21.4 19.1 28.7
 150 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

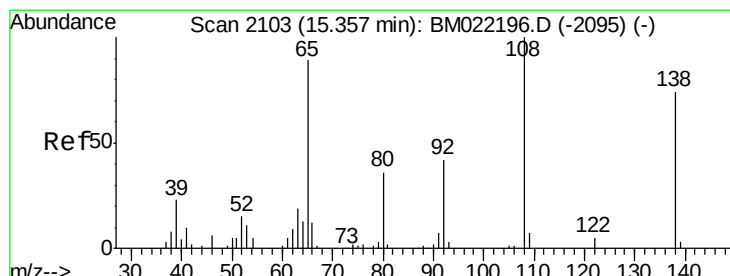
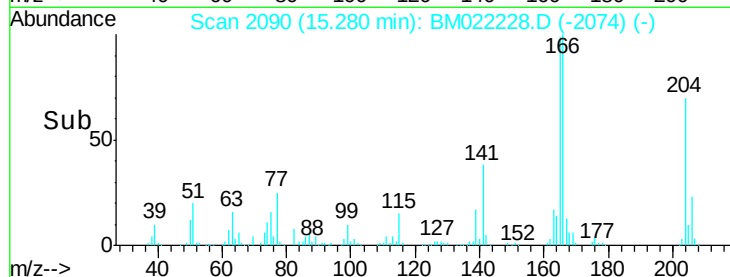
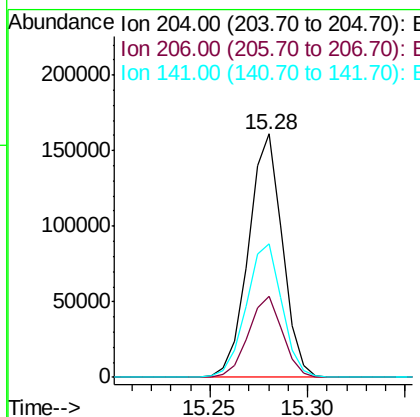
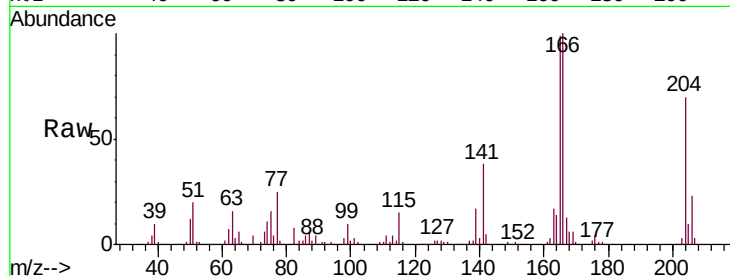




#61
 4-Chlorophenyl-phenylether
 Concen: 47.822 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

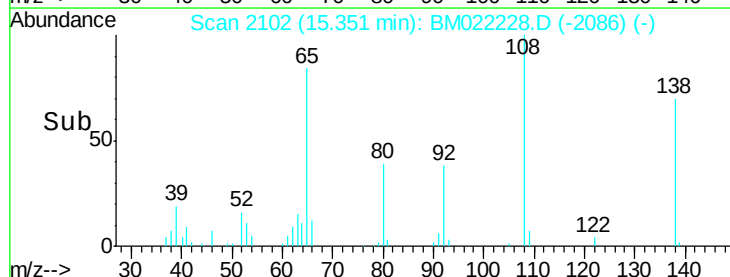
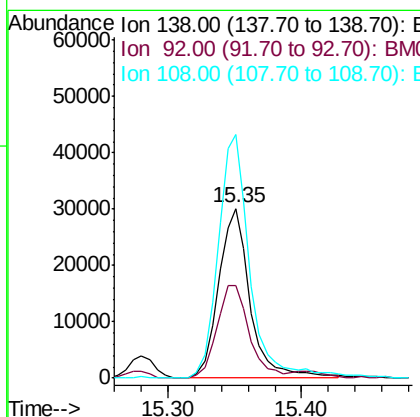
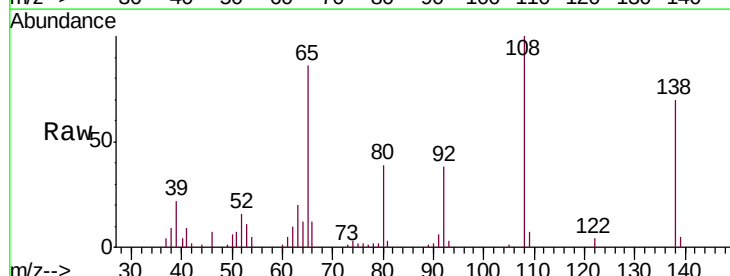
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

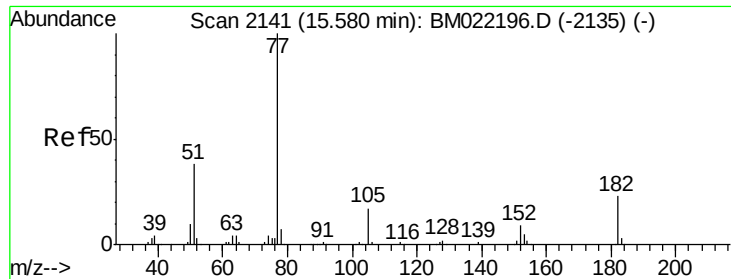
Tgt Ion:	204	Resp:	193686
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.1	39.1
141	55.0	40.7	61.1



#62
 4-Nitroaniline
 Concen: 41.284 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion:	138	Resp:	50063
Ion	Ratio	Lower	Upper
138	100		
92	54.3	29.1	69.1
108	143.4	59.2	99.2#





#63

Azobenzene

Concen: 48.208 ng

RT: 15.57 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

Tgt Ion: 77 Resp: 326353

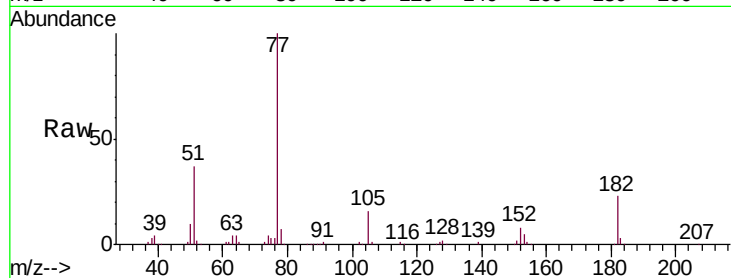
Ion Ratio Lower Upper

77 100

182 22.9 12.6 52.6

105 15.7 1.1 41.1

51 37.2 6.9 46.9



Abundance Ion 77.00 (76.70 to 77.70): BM022228.D (-2124) (-)

400000

Ion 182.00 (181.70 to 182.70): BM022228.D (-2124) (-)

300000

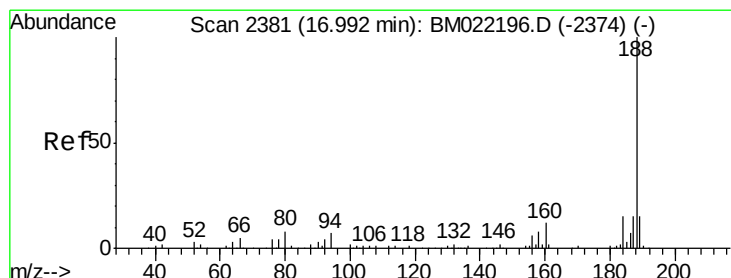
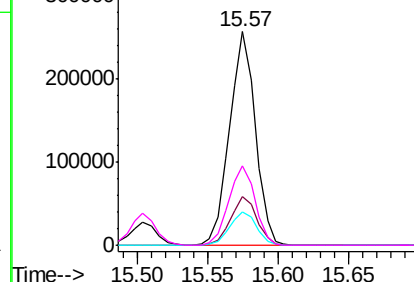
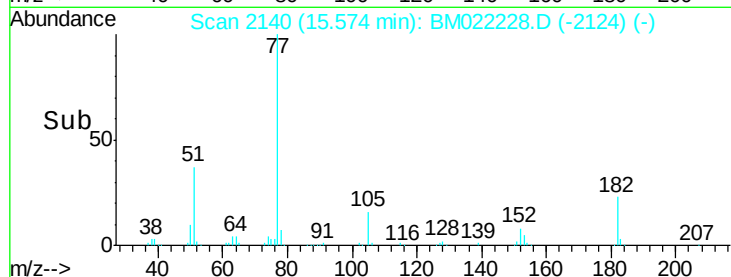
Ion 105.00 (104.70 to 105.70): BM022228.D (-2124) (-)

200000

Ion 51.00 (50.70 to 51.70): BM022228.D (-2124) (-)

100000

0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

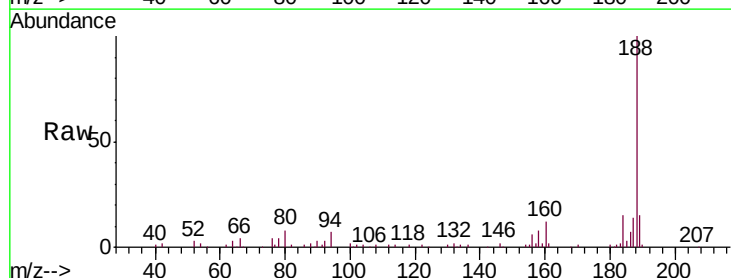
Tgt Ion: 188 Resp: 150637

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

80 7.9 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): BM022228.D (-2364) (-)

150000

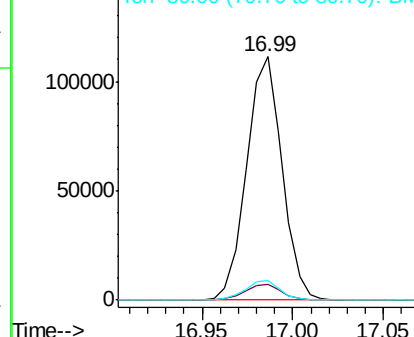
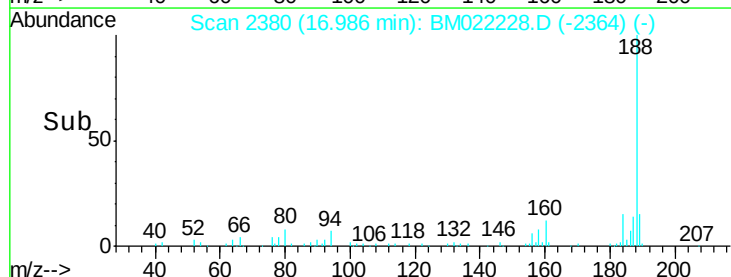
Ion 94.00 (93.70 to 94.70): BM022228.D (-2364) (-)

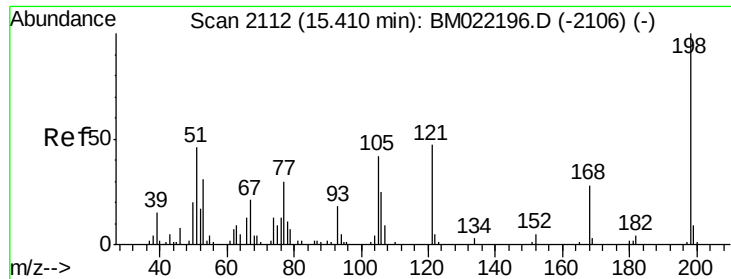
100000

Ion 80.00 (79.70 to 80.70): BM022228.D (-2364) (-)

50000

0

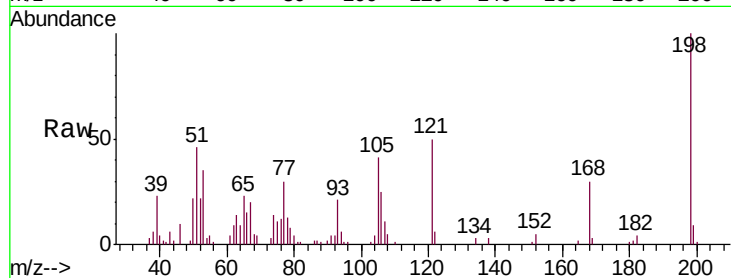




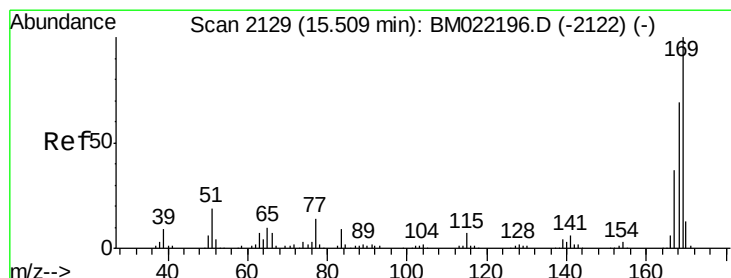
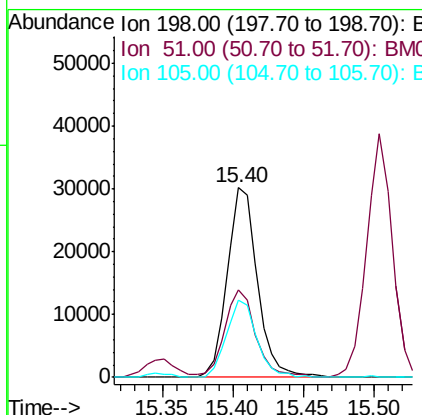
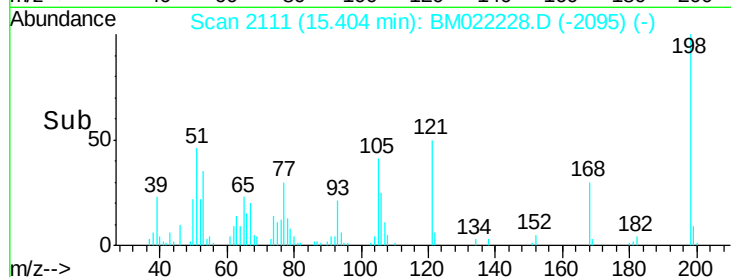
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.632 ng
 RT: 15.40 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Instrument :
 BNA_M
 ClientSampled :
 SP-1MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.0	15.3	55.3
105	40.6	16.8	56.8

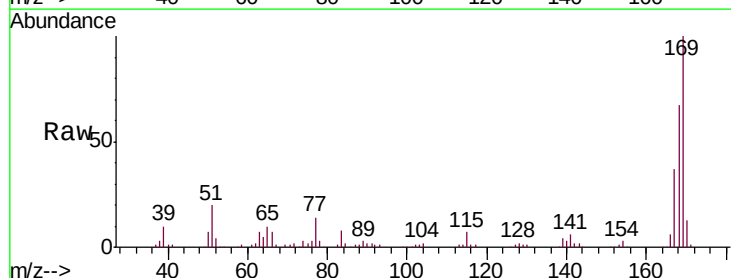


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

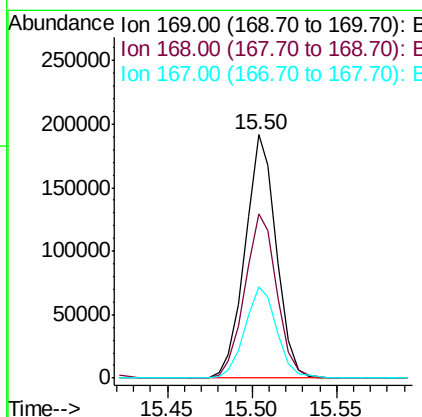
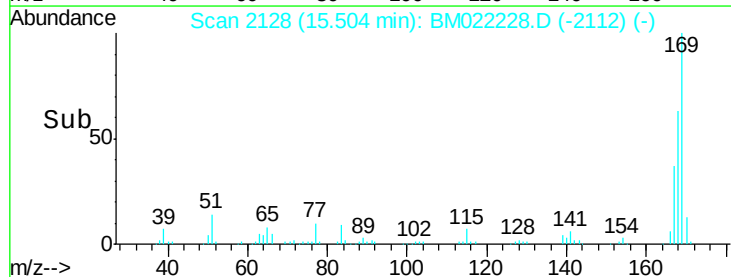


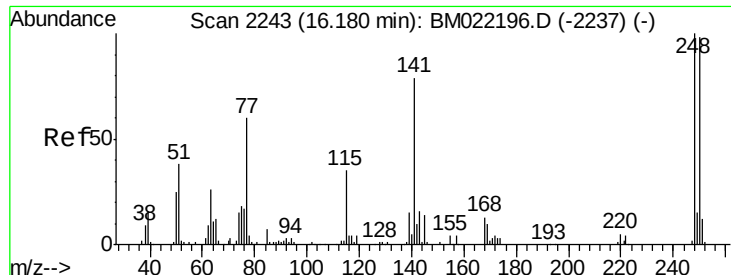
#66
 n-Nitrosodiphenylamine
 Concen: 50.814 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.5	81.7
167	37.3	29.0	43.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

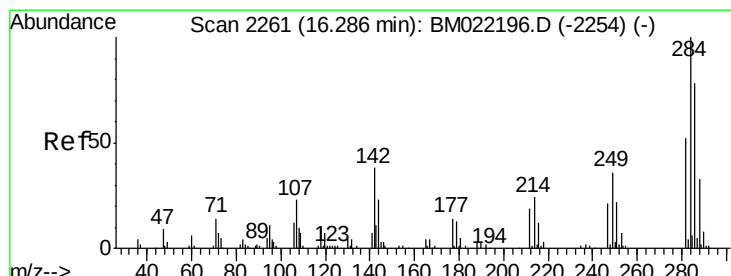
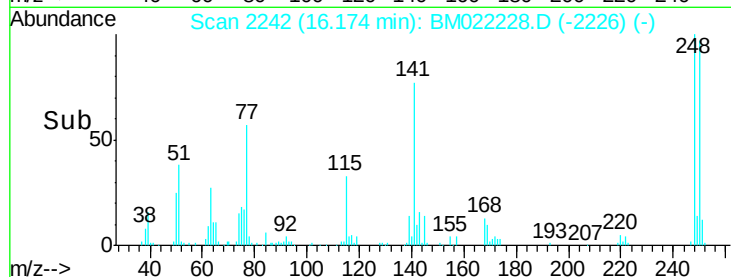
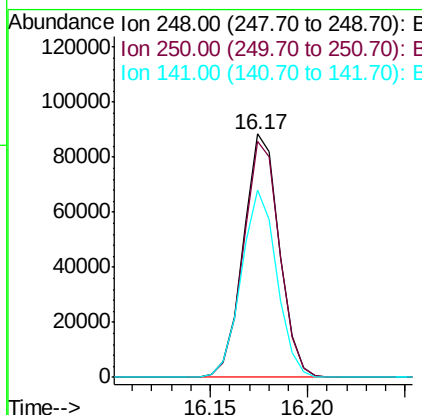
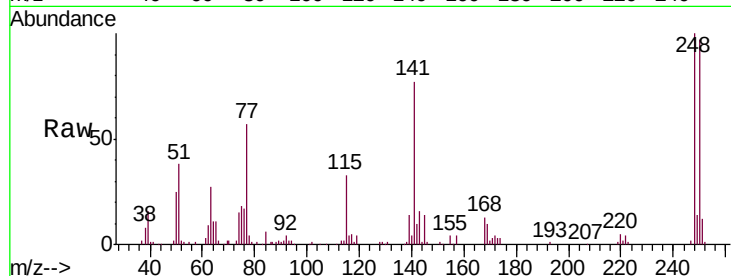




#67
 4-Bromophenyl-phenylether
 Concen: 50.384 ng
 RT: 16.17 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

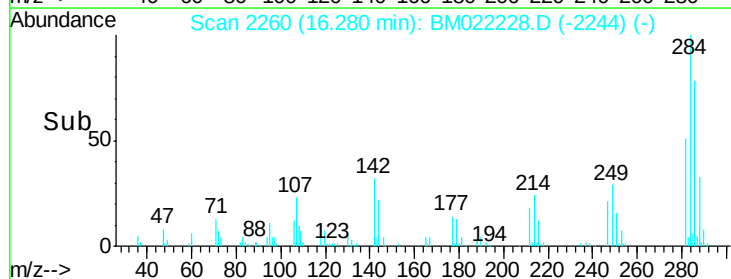
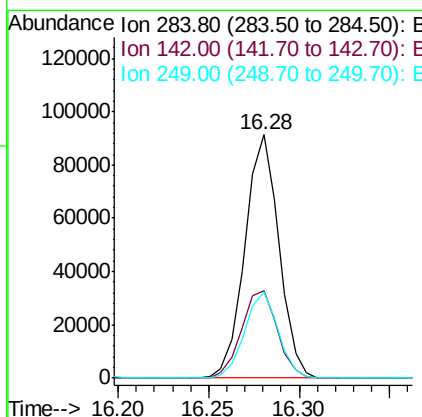
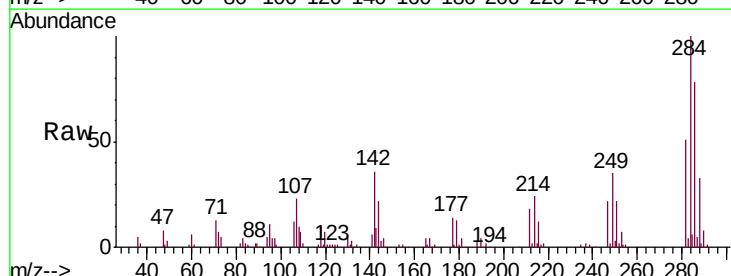
Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

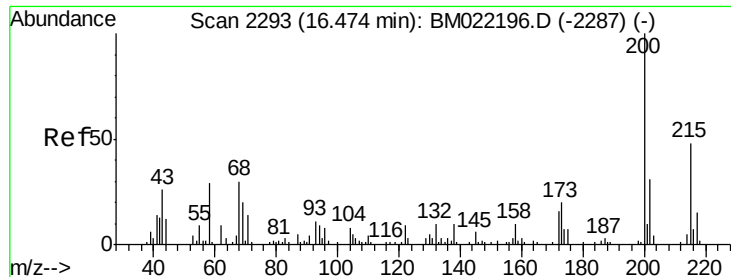
Tgt Ion: 248 Resp: 112468
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.5 116.3
 141 77.2 47.8 71.6#



#68
 Hexachlorobenzene
 Concen: 46.953 ng
 RT: 16.28 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion: 284 Resp: 119071
 Ion Ratio Lower Upper
 284 100
 142 36.1 21.2 31.8#
 249 35.4 23.4 35.0#

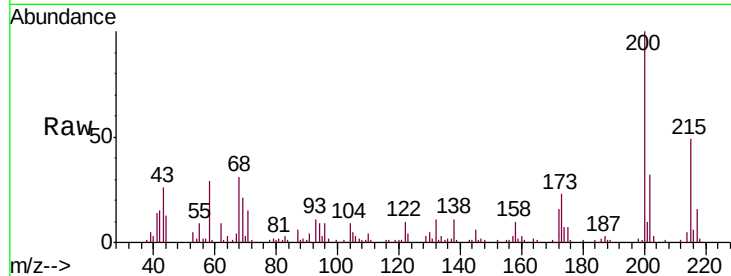




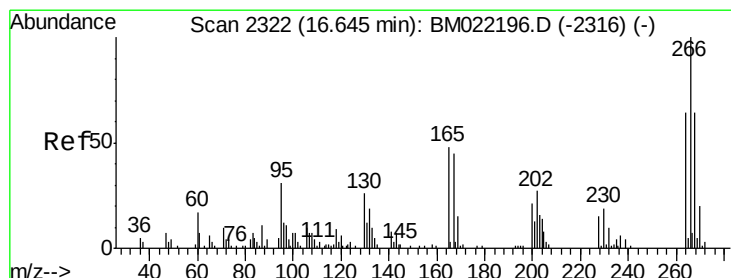
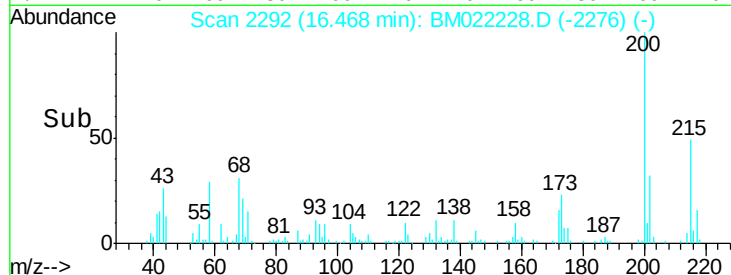
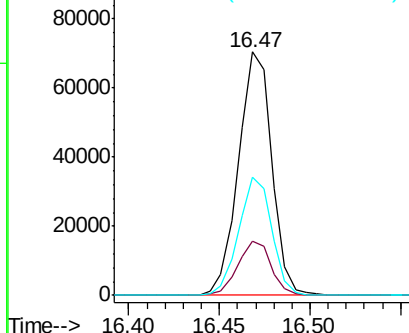
#69
 Atrazine
 Concen: 56.321 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	4.3	44.3
215	48.8	28.2	68.2

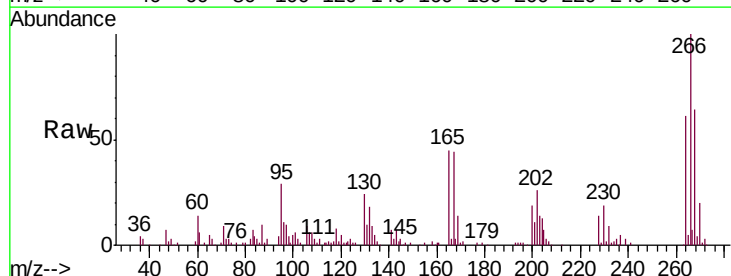


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

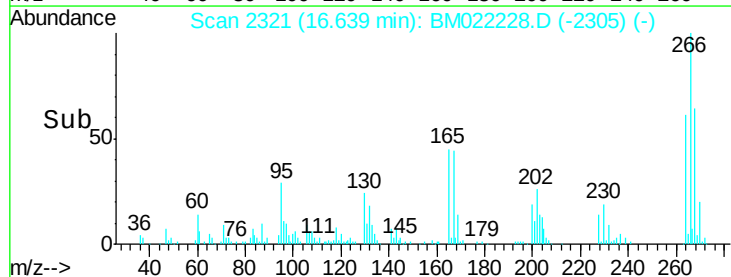
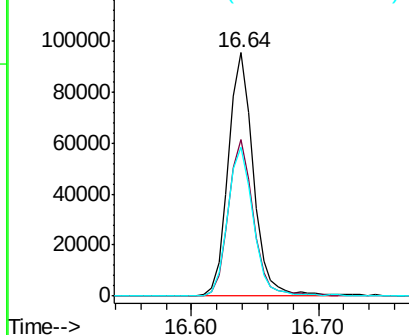


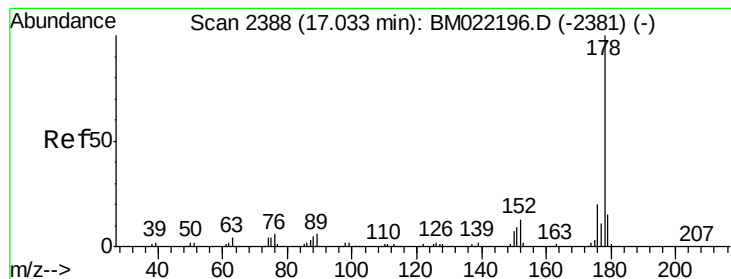
#70
 Pentachlorophenol
 Concen: 105.950 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM022228.D
 Acq: 21 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.4
264	61.3	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: 47.300 ng

RT: 17.03 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

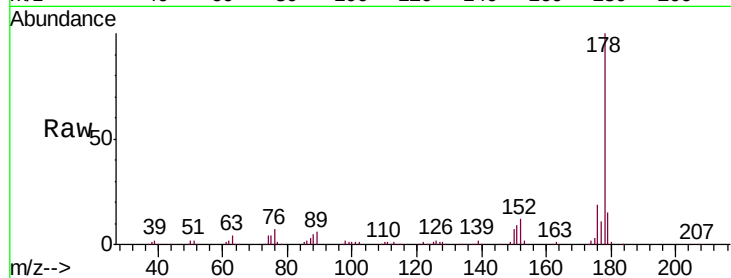
Tgt Ion:178 Resp: 413196

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

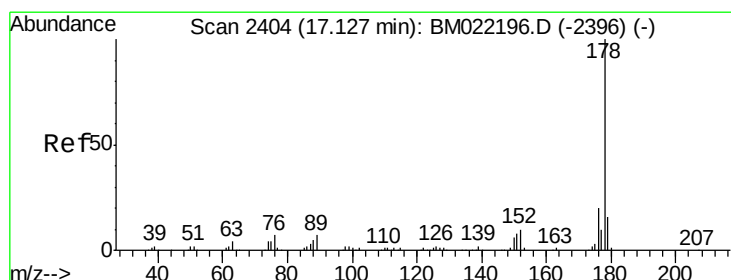
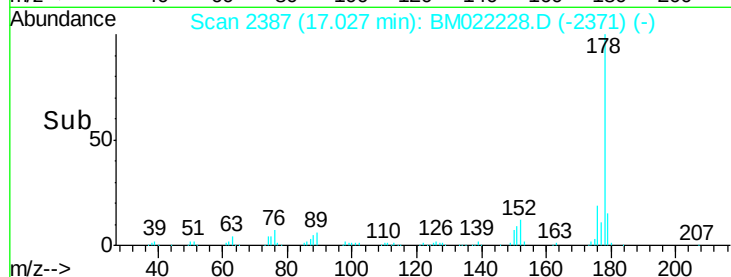
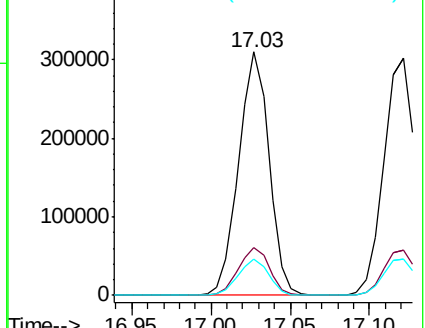
179 15.1 12.2 18.4



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: 48.449 ng

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

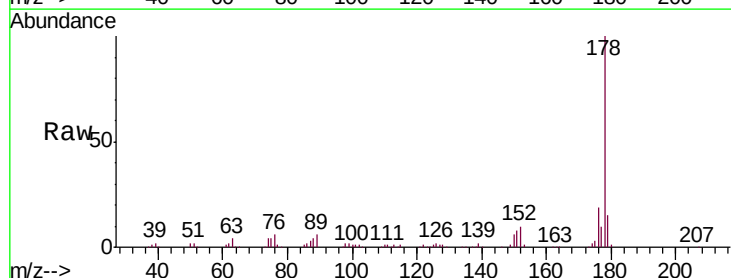
Tgt Ion:178 Resp: 420134

Ion Ratio Lower Upper

178 100

176 19.3 14.7 22.1

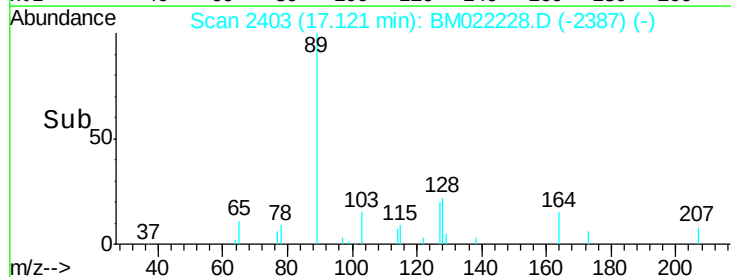
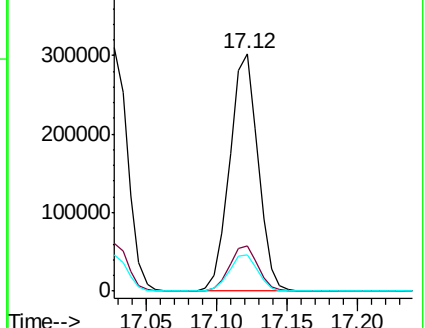
179 15.3 12.2 18.2

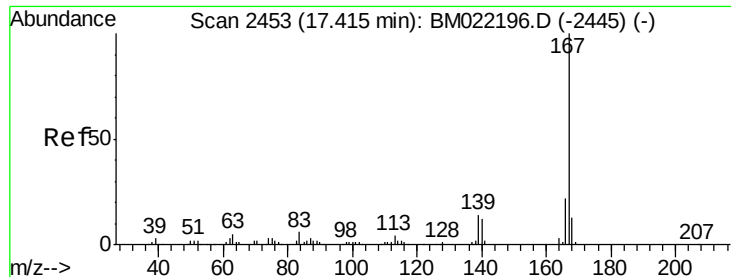


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.604 ng

RT: 17.40 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

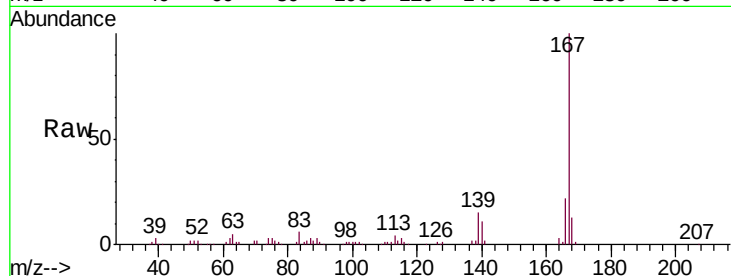
Tgt Ion:167 Resp: 329987

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

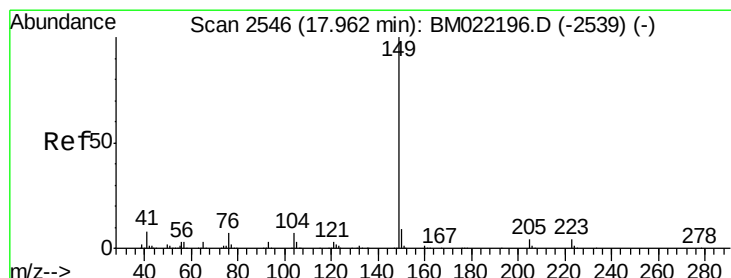
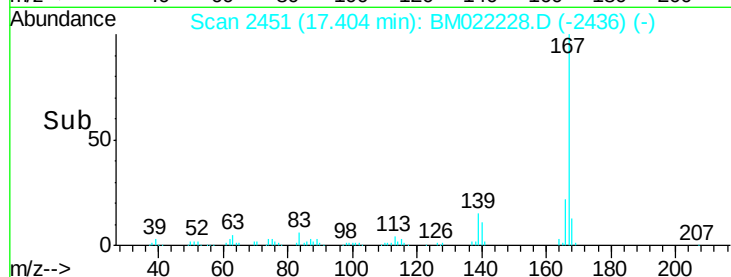
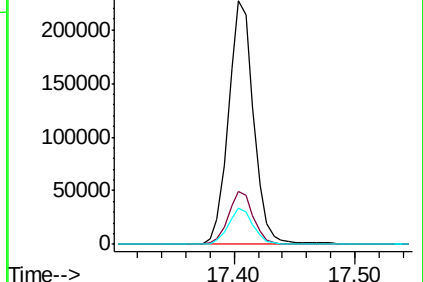
139 14.9 9.7 14.5#



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: 44.384 ng

RT: 17.96 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

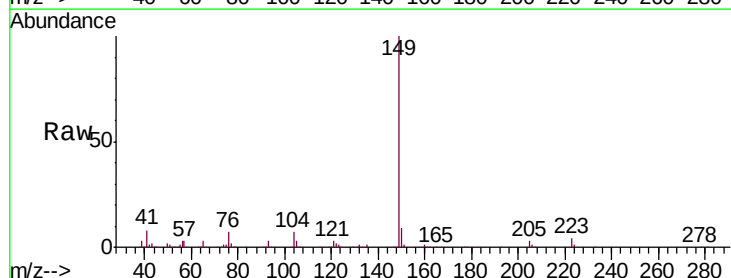
Tgt Ion:149 Resp: 487273

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

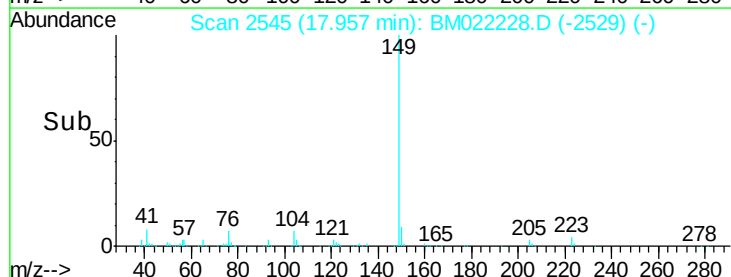
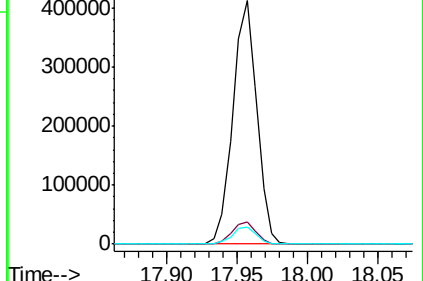
104 7.2 3.8 5.8#

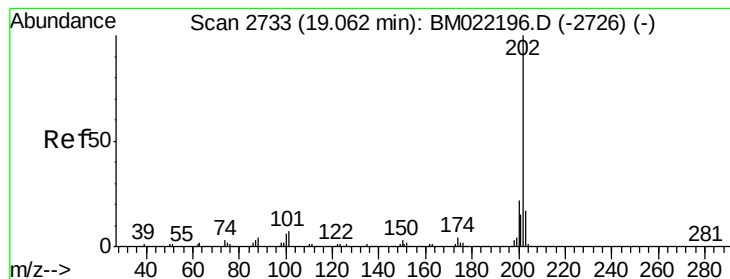


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.477 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

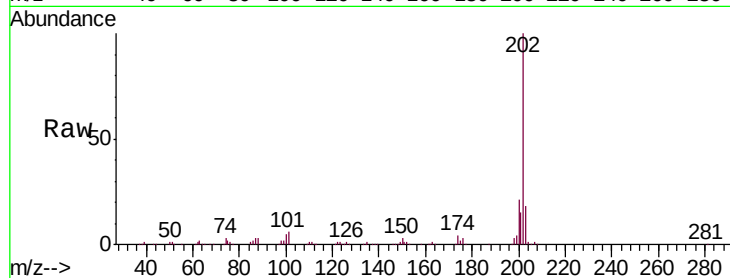
Tgt Ion:202 Resp: 457993

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.2

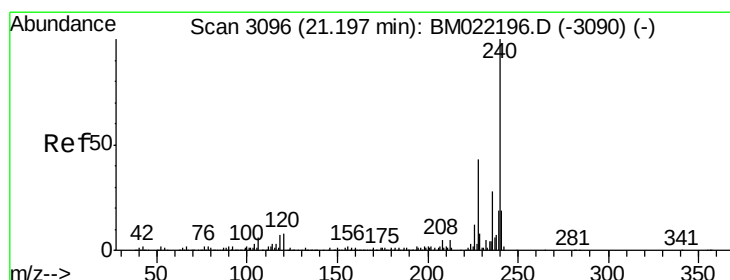
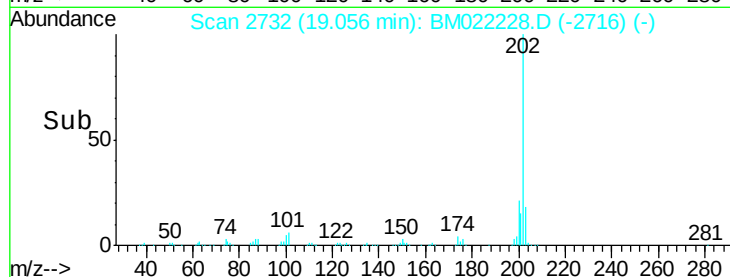
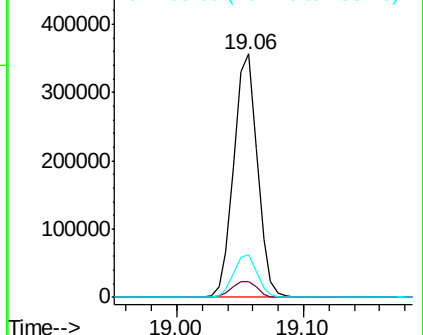
203 17.7 0.0 37.6



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: BM022228.D

Acq: 21 Aug 2019 14:30

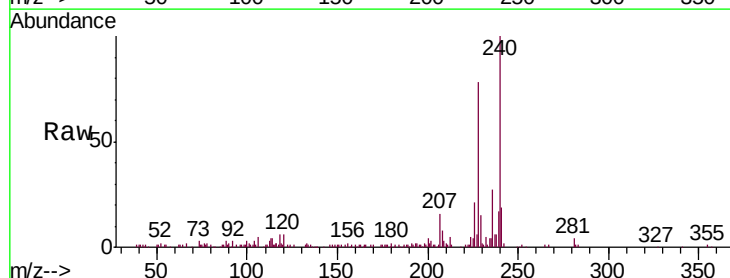
Tgt Ion:240 Resp: 122221

Ion Ratio Lower Upper

240 100

120 6.3 6.9 10.3#

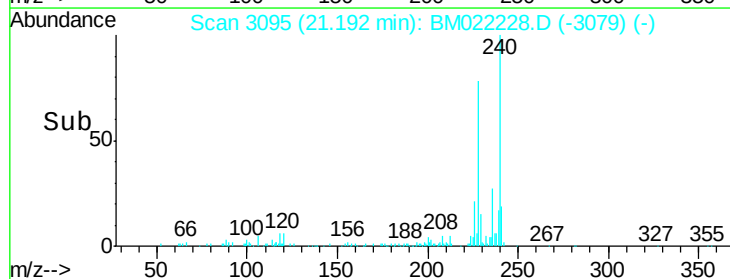
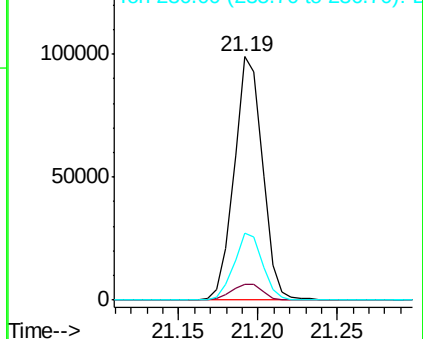
236 27.3 20.4 30.6

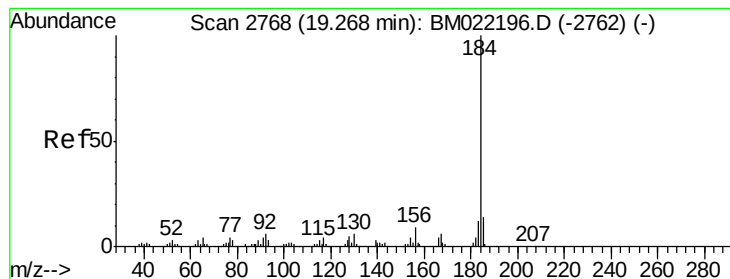


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.391 ng

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

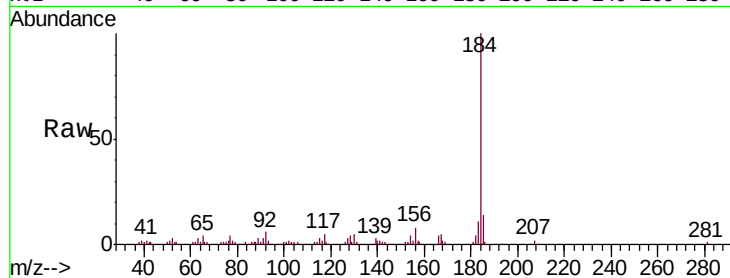
Tgt Ion:184 Resp: 171035

Ion Ratio Lower Upper

184 100

185 13.5 11.4 17.2

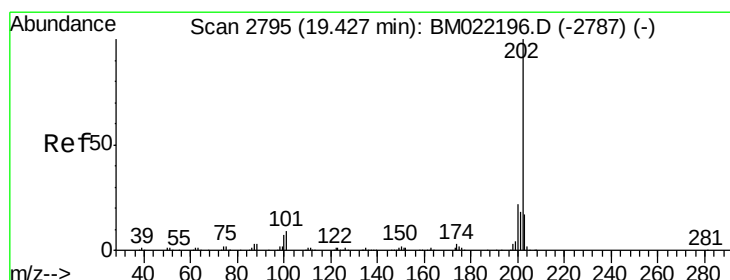
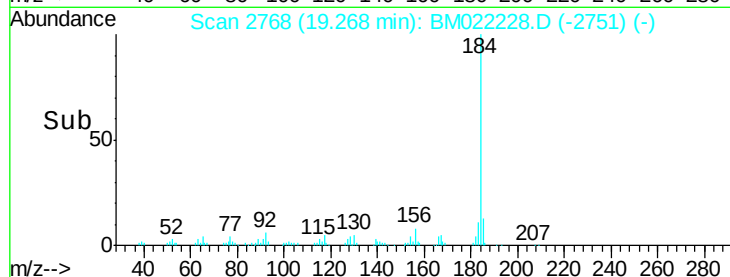
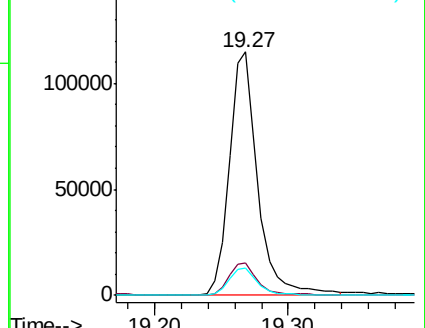
183 11.4 9.6 14.4



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: 52.489 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

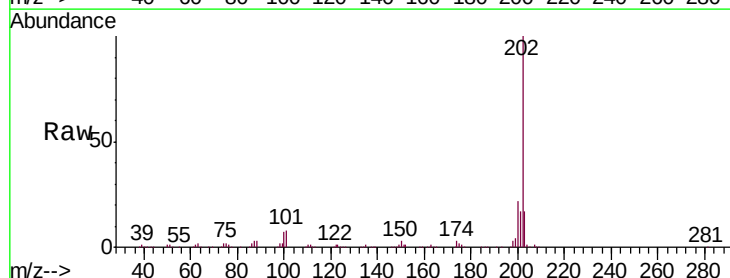
Tgt Ion:202 Resp: 451552

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.4

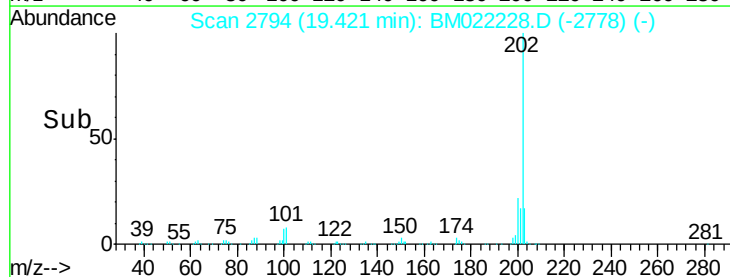
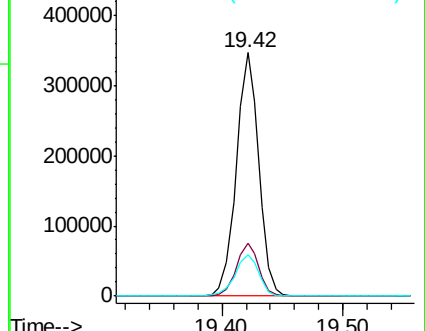
203 17.2 14.0 21.0

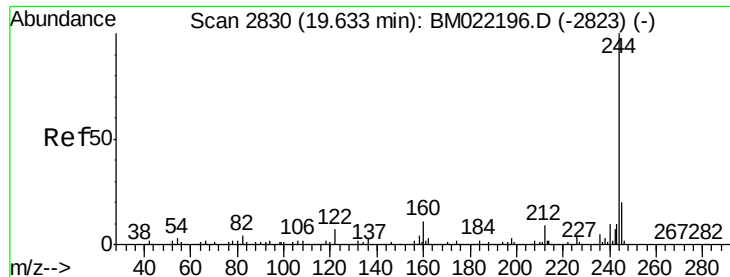


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.000 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

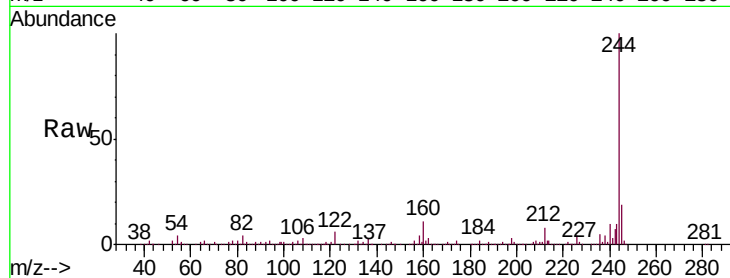
Tgt Ion:244 Resp: 687821

Ion Ratio Lower Upper

244 100

212 8.5 5.3 7.9#

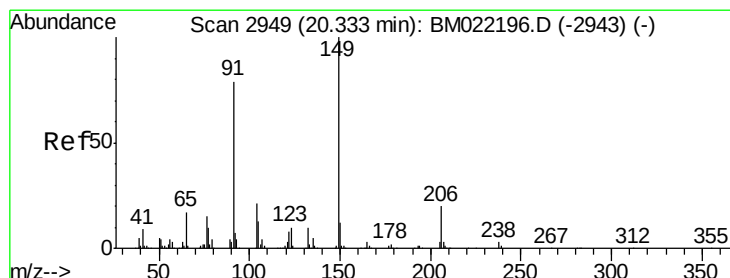
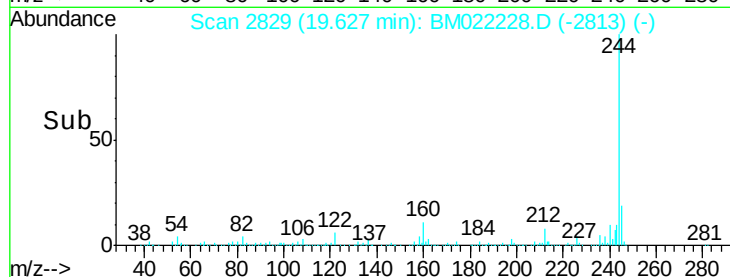
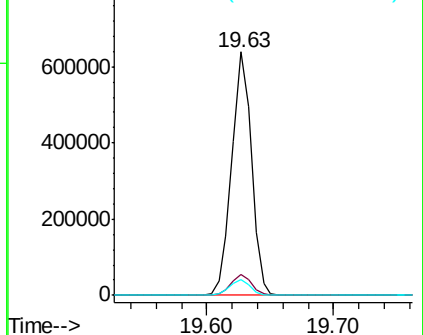
122 6.5 6.6 9.8#



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: 48.392 ng

RT: 20.33 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

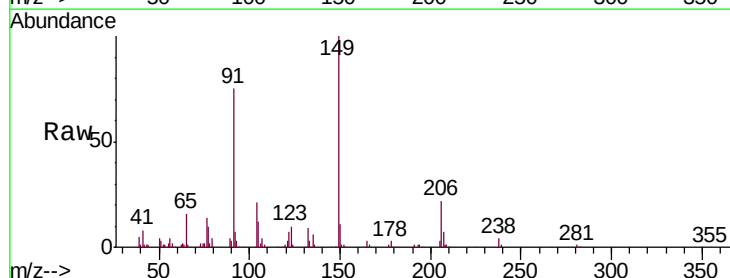
Tgt Ion:149 Resp: 186207

Ion Ratio Lower Upper

149 100

91 75.0 50.9 76.3

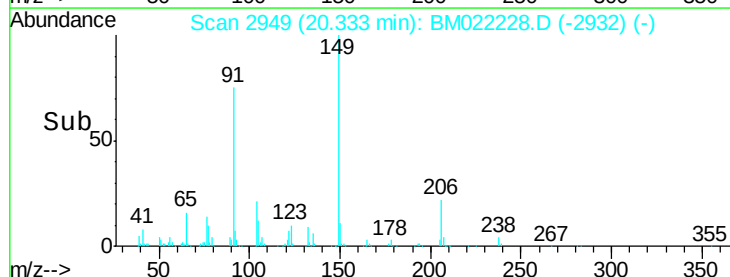
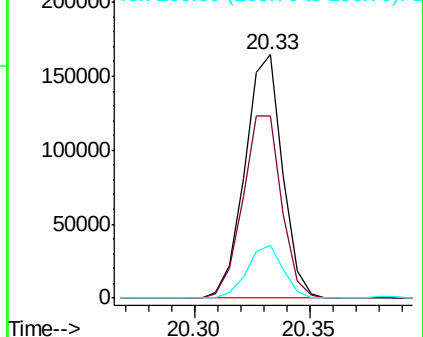
206 21.7 19.7 29.5

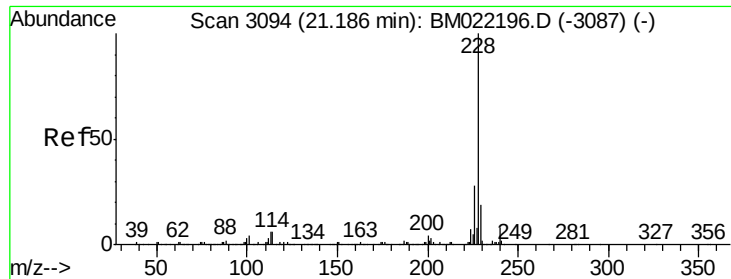


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

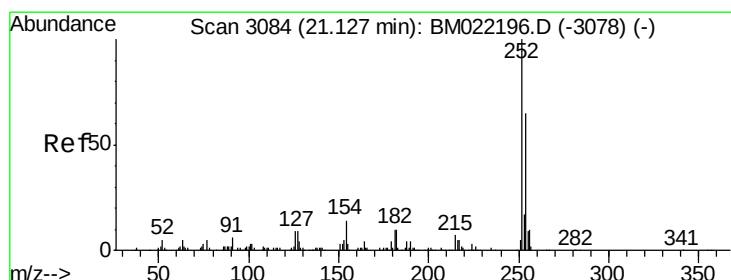
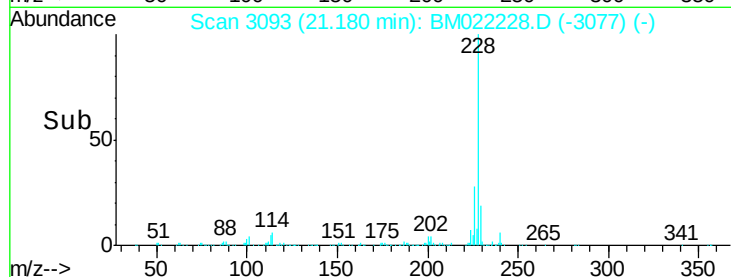
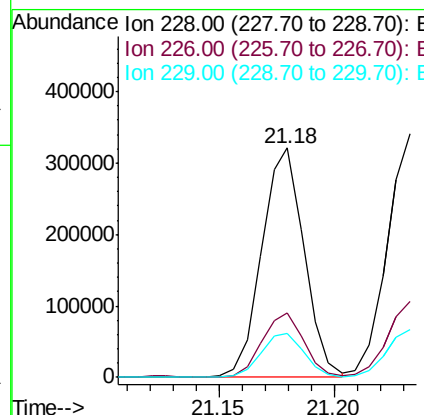
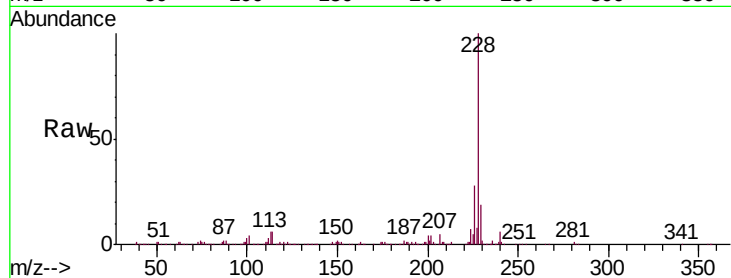




#81
Benzo(a)anthracene
Concen: 47.483 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

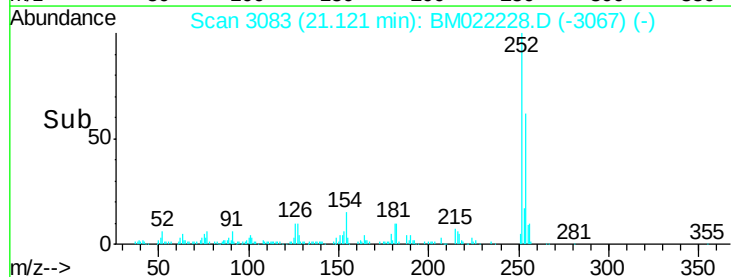
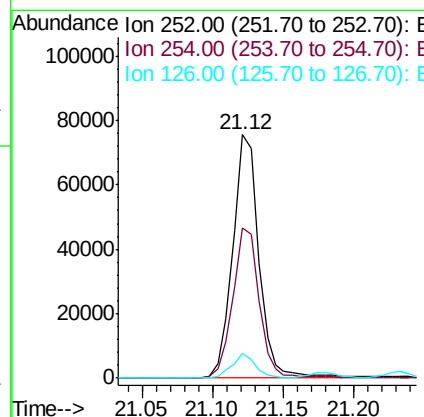
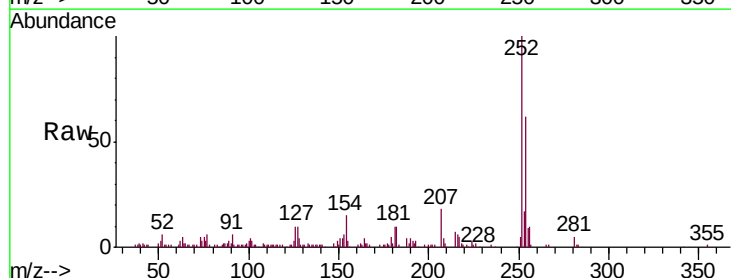
Instrument :
BNA_M
ClientSampleId :
SP-1MS

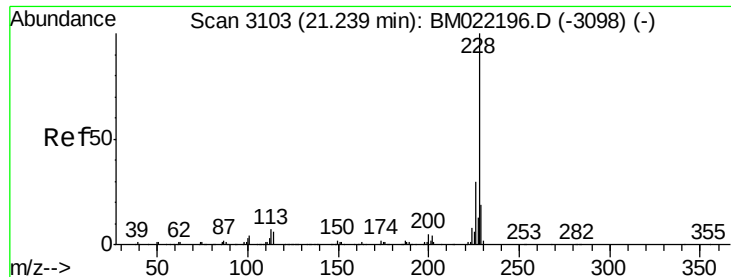
Tgt Ion: 228 Resp: 408131
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 32.717 ng
RT: 21.12 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion: 252 Resp: 98048
Ion Ratio Lower Upper
252 100
254 61.9 51.7 77.5
126 10.1 6.6 9.8#





#83

Chrysene

Concen: 47.725 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

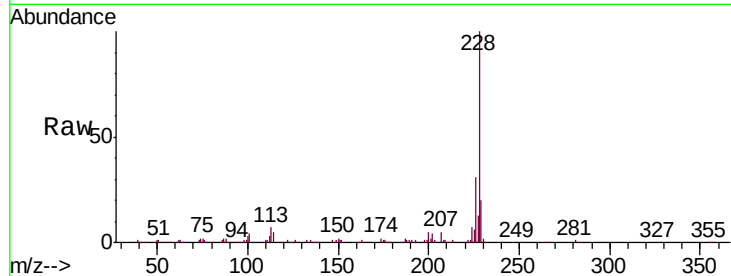
Tgt Ion:228 Resp: 395991

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

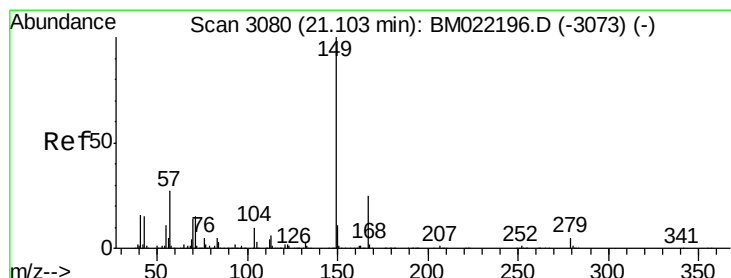
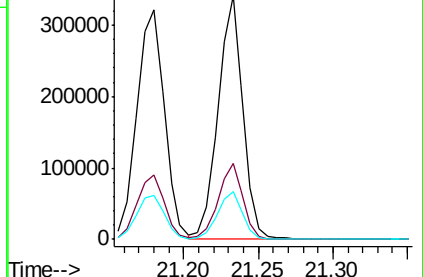
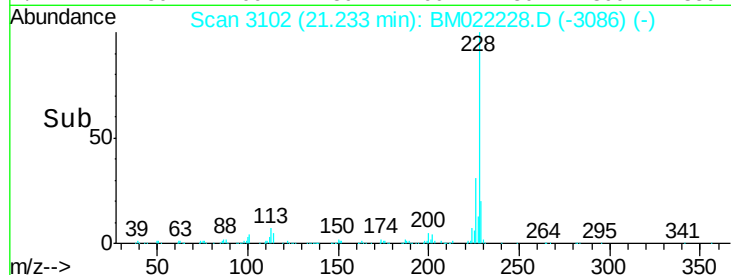
229 19.6 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.310 ng

RT: 21.10 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

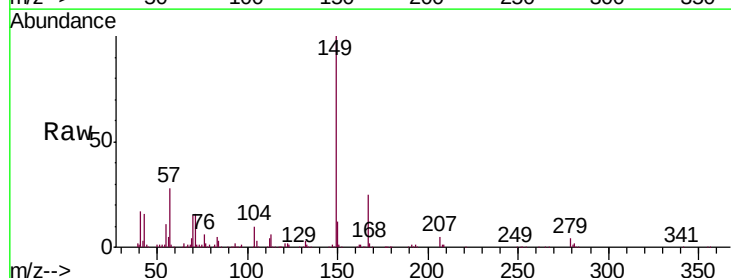
Tgt Ion:149 Resp: 273772

Ion Ratio Lower Upper

149 100

167 24.9 23.0 34.4

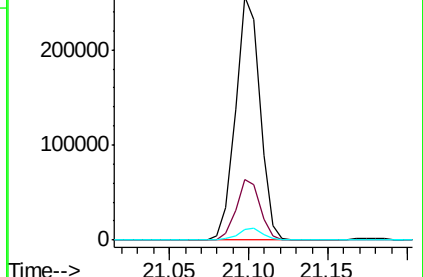
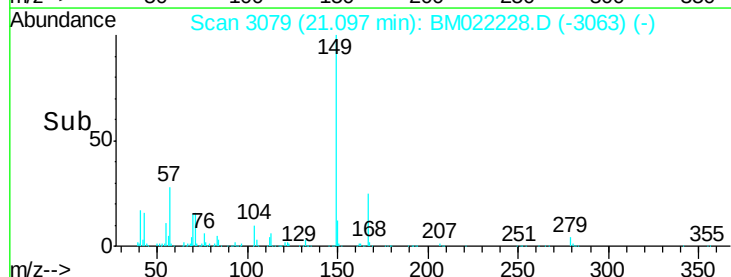
279 4.3 4.6 7.0#

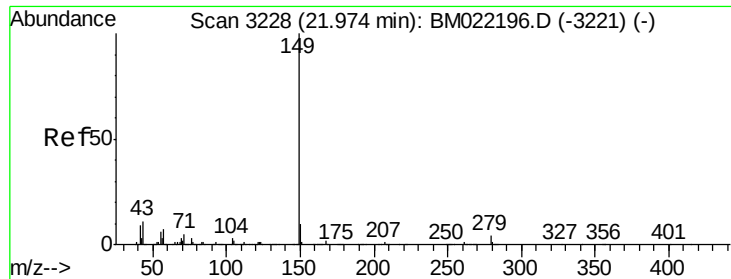


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.819 ng

RT: 21.97 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

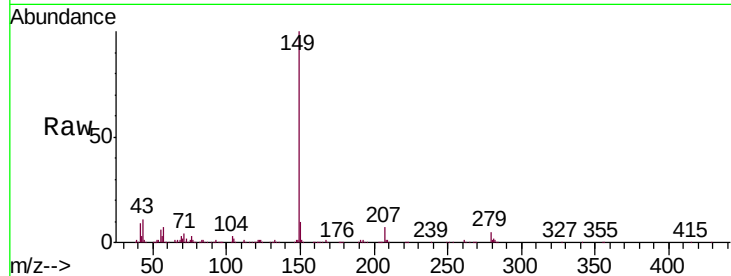
Tgt Ion:149 Resp: 429162

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

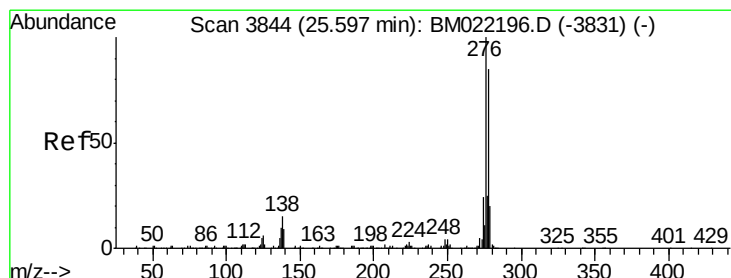
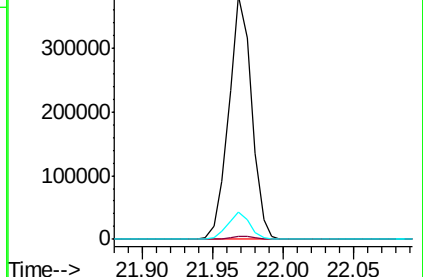
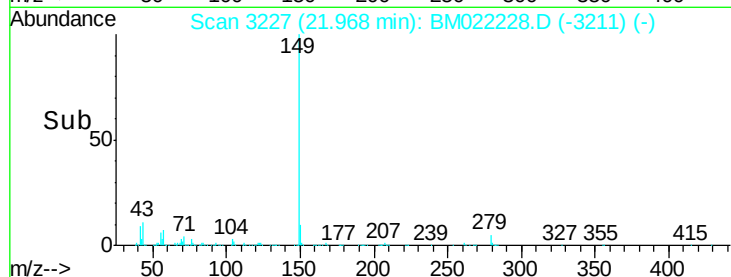
43 10.7 6.2 9.2#



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.354 ng

RT: 25.59 min Scan# 3842

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

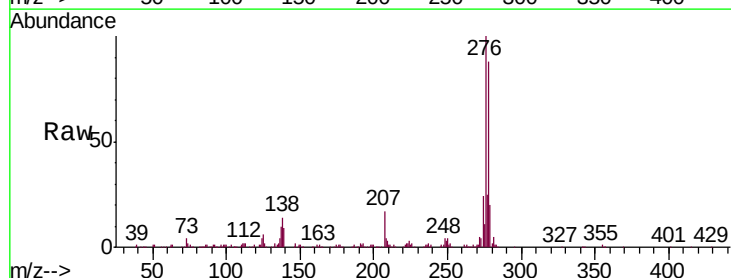
Tgt Ion:276 Resp: 533064

Ion Ratio Lower Upper

276 100

138 15.3 15.4 23.0#

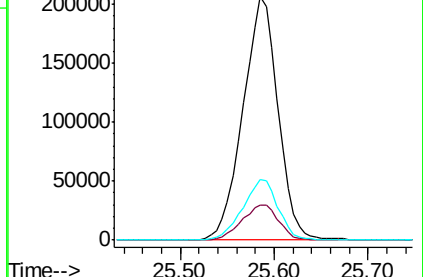
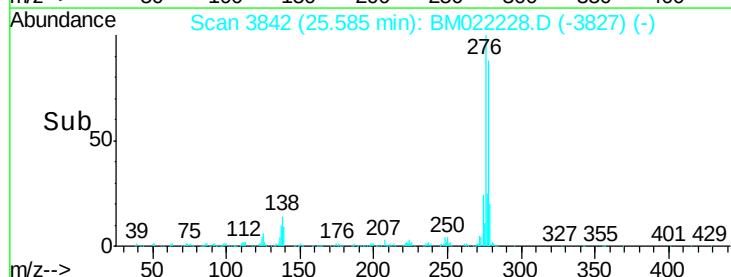
277 25.0 20.4 30.6

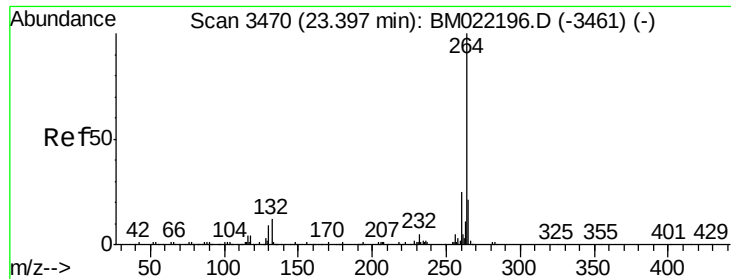


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

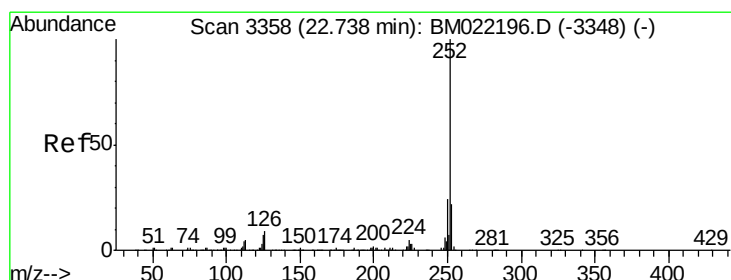
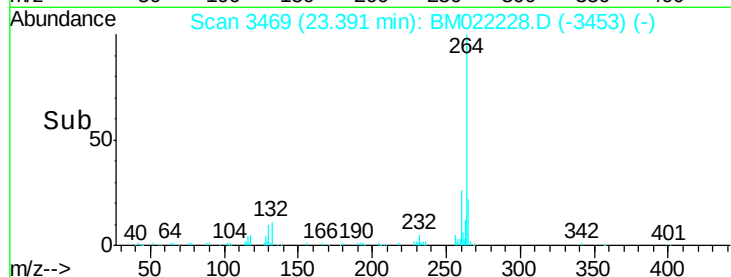
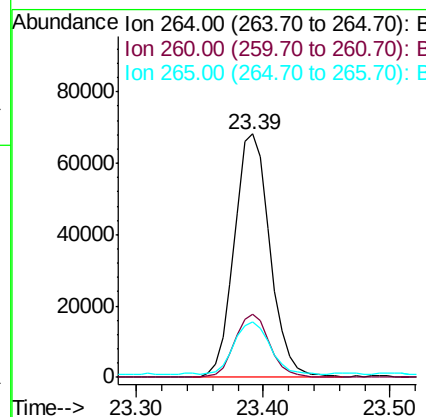
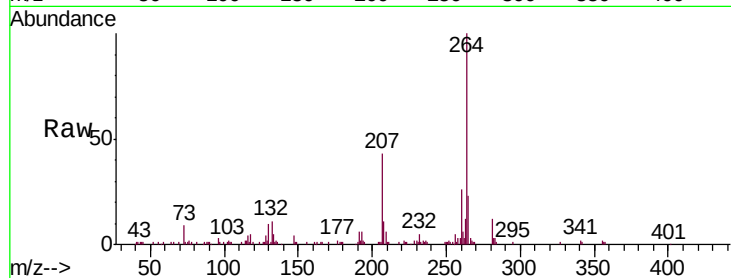




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

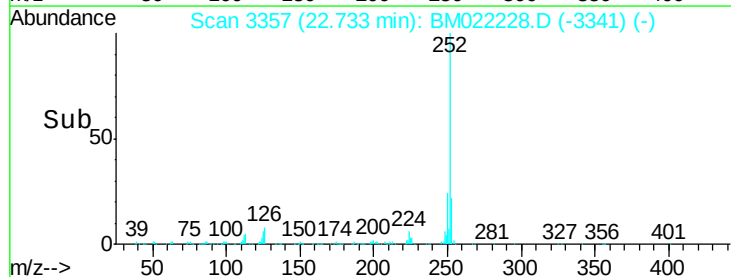
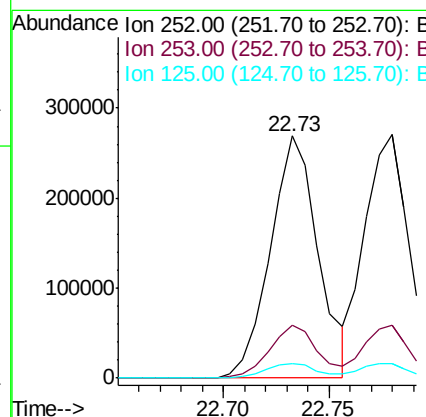
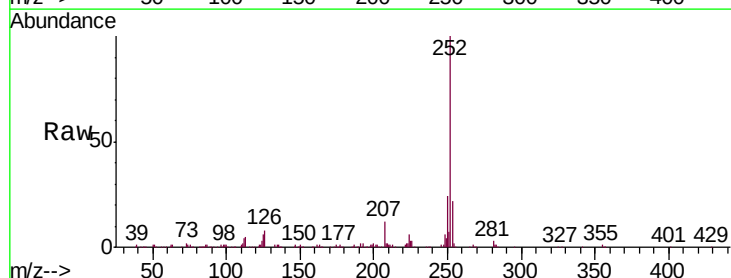
Instrument :
BNA_M
ClientSampleId :
SP-1MS

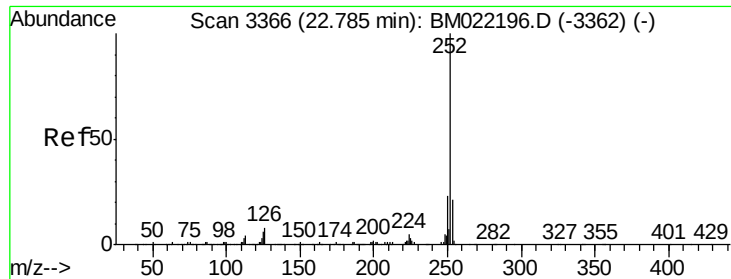
Tgt Ion:	264	Resp:	132737
Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.0	28.4
265	23.0	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 47.833 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion:	252	Resp:	423947
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	6.1	5.9	8.9

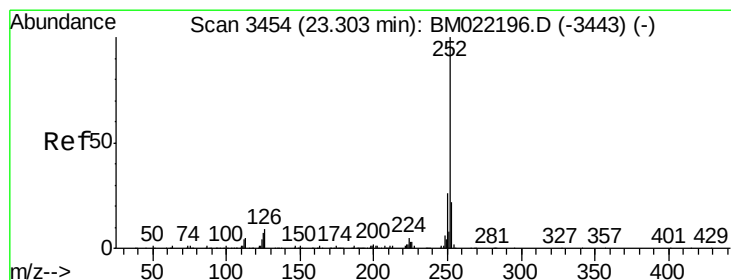
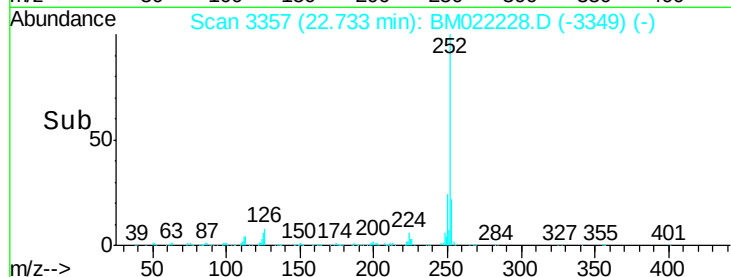
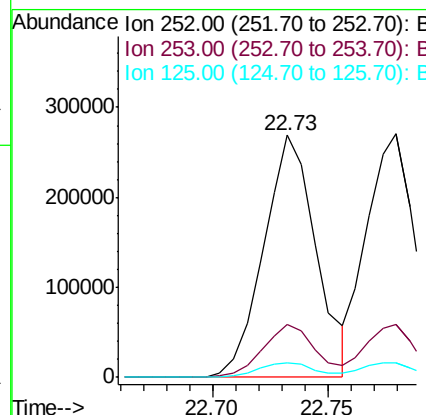
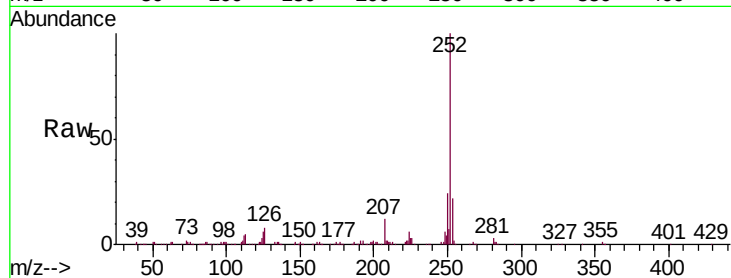




#89
Benzo(k)fluoranthene
Concen: 48.932 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.05 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

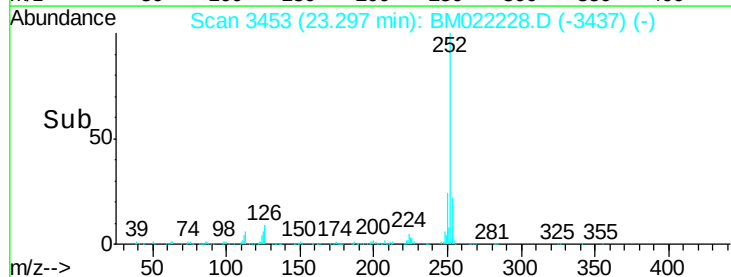
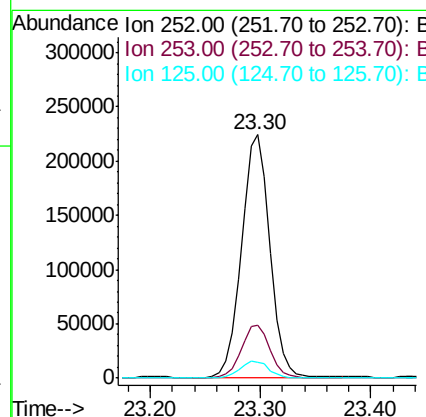
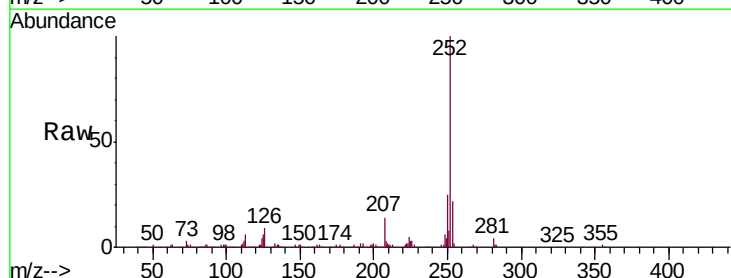
Instrument :
BNA_M
ClientSampleId :
SP-1MS

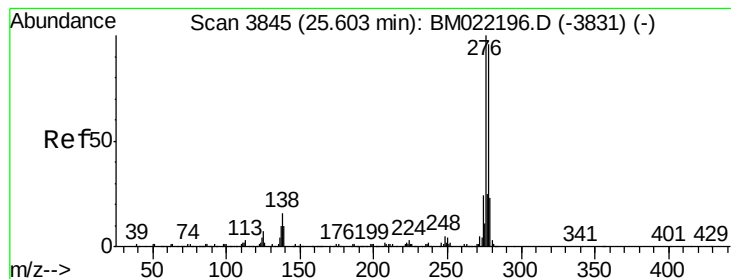
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	6.1	5.9	8.9



#90
Benzo(a)pyrene
Concen: 50.025 ng
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM022228.D
Acq: 21 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	6.3	6.6	10.0





#91

Dibenzo(a,h)anthracene

Concen: 52.414 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

Instrument :

BNA_M

ClientSampleId :

SP-1MS

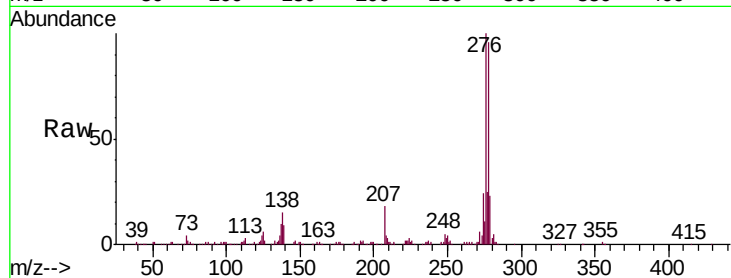
Tgt Ion:278 Resp: 449529

Ion Ratio Lower Upper

278 100

139 9.5 9.8 14.8#

279 23.5 18.7 28.1

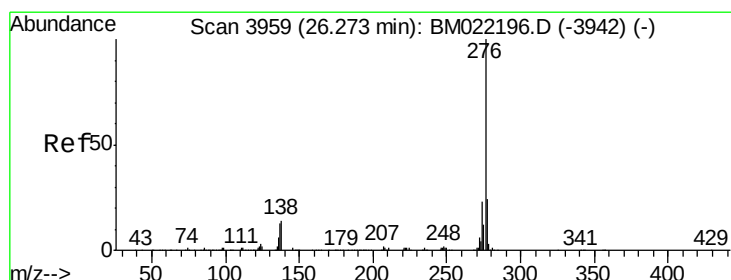
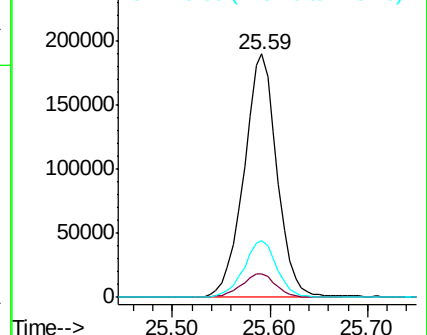
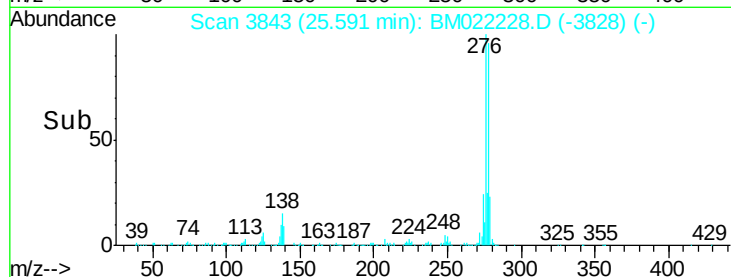


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.026 ng

RT: 26.26 min Scan# 3957

Delta R.T. -0.01 min

Lab File: BM022228.D

Acq: 21 Aug 2019 14:30

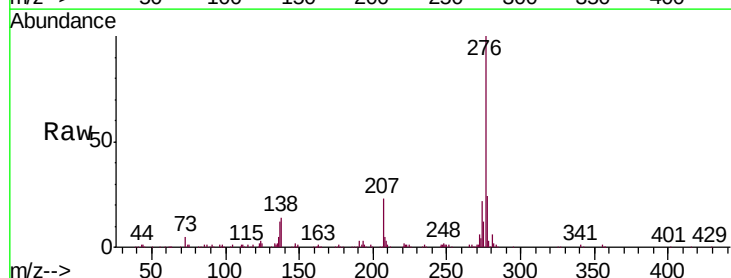
Tgt Ion:276 Resp: 420096

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 14.3 13.1 19.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

