

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000554.D
 Acq On : 07 Oct 2019 19:44
 Operator : JU
 Sample : K5213-07 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 08 06:10:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	255999	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	649141	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	312387	20.00	ng	0.02
64) Phenanthrene-d10	11.33	188	594929	20.00	ng	0.02
76) Chrysene-d12	14.01	240	556516	20.00	ng	0.03
87) Perylene-d12	15.52	264	673122	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	636692	39.98	ng	0.00
7) Phenol-d6	6.40	99	842144	43.88	ng	0.00
23) Nitrobenzene-d5	7.32	82	522934	49.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	157109	47.20	ng	0.02
45) 2-Fluorobiphenyl	9.14	172	724594	37.53	ng	0.00
79) Terphenyl-d14	12.94	244	754719	27.46	ng	0.02

Target Compounds

						Qvalue
18) Hexachloroethane	7.30	117	148841	21.813	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	45355	5.127	ng	# 64
22) Acetophenone	7.17	105	32919	2.195	ng	# 29
24) Nitrobenzene	7.34	77	30674	2.992	ng	# 47
25) Isophorone	7.59	82	238853	12.662	ng	# 1
26) 2-Nitrophenol	7.69	139	63721	11.820	ng	# 1
28) bis(2-Chloroethoxy)methane	7.83	93	30019	2.342	ng	# 1
29) 2,4-Dichlorophenol	7.90	162	58672	6.280	ng	# 34
31) Naphthalene	8.08	128	183317	6.047	ng	# 41
32) Benzoic acid	7.85	122	58957	11.299	ng	# 22
33) 4-Chloroaniline	8.11	127	38324	2.879	ng	# 1
35) Caprolactam	8.50	113	186252	59.516	ng	# 65
36) 4-Chloro-3-methylphenol	8.62	107	27753	3.033	ng	# 32
37) 2-Methylnaphthalene	8.78	142	487004	23.929	ng	# 96
38) 1-Methylnaphthalene	8.87	142	931000	48.413	ng	# 96
41) Hexachlorocyclopentadiene	9.21	237	43	7.307	ng	# 87
43) 2,4,6-Trichlorophenol	9.06	196	18335	3.012	ng	# 14
47) 2-Chloronaphthalene	9.06	162	55165	3.026	ng	# 91
49) Acenaphthylene	9.69	152	163711	5.951	ng	# 1
50) Dimethylphthalate	9.54	163	199554	9.193	ng	# 54
51) 2,6-Dinitrotoluene	9.60	165	44326	9.364	ng	# 77
52) Acenaphthene	9.86	154	177633	10.645	ng	# 78
53) 3-Nitroaniline	9.79	138	65255	12.031	ng	# 23
54) 2,4-Dinitrophenol	10.12	184	49415	31.285	ng	# 90
55) Dibenzofuran	10.04	168	130416	5.228	ng	# 1
56) 4-Nitrophenol	9.94	139	128742	37.179	ng	# 32
58) Fluorene	10.39	166	441348	24.826	ng	# 83
62) 4-Nitroaniline	10.26	138	32101	6.154	ng	# 93
63) Azobenzene	10.54	77	39474	2.495	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.46	198	6261	2.374	ng	# 1
66) n-Nitrosodiphenylamine	10.50	169	678924	39.182	ng	# 47
69) Atrazine	11.03	200	33412	5.876	ng	# 25
70) Pentachlorophenol	11.15	266	9943	3.253	ng	# 38
71) Phenanthrene	11.36	178	998282	33.411	ng	# 89

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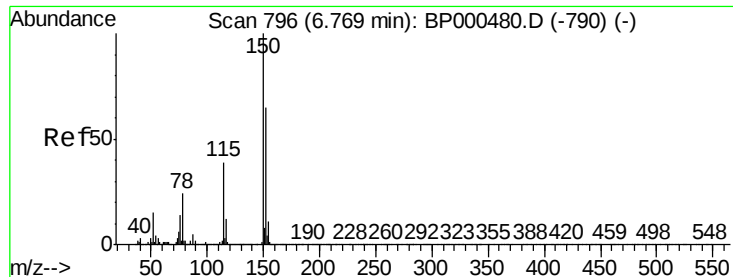
Instrument :
 BNA_P
 ClientSampleId :

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Anthracene	11.41	178	184941	6.243	ng	# 64
74) Di-n-butylphthalate	11.90	149	107754	3.221	ng	# 50
75) Fluoranthene	12.57	202	325859	9.711	ng	83
78) Pyrene	12.80	202	1037011	27.018	ng	# 94
81) Benzo(a)anthracene	14.00	228	270182	7.957	ng	# 24
83) Chrysene	14.04	228	350926	10.530	ng	# 54
84) Bis(2-ethylhexyl)phthalate	13.99	149	56691	2.695	ng	# 61
86) Indeno(1,2,3-cd)pyrene	17.00	276	166949	4.010	ng	95
88) Benzo(b)fluoranthene	15.08	252	352351	9.227	ng	# 47
89) Benzo(k)fluoranthene	15.08	252	352351	9.692	ng	# 50
90) Benzo(a)pyrene	15.45	252	267513	7.515	ng	# 54
91) Dibenzo(a,h)anthracene	17.00	278	77877	2.256	ng	# 2
92) Benzo(a,h,i)perylene	17.45	276	288684	8.229	ng	# 89

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

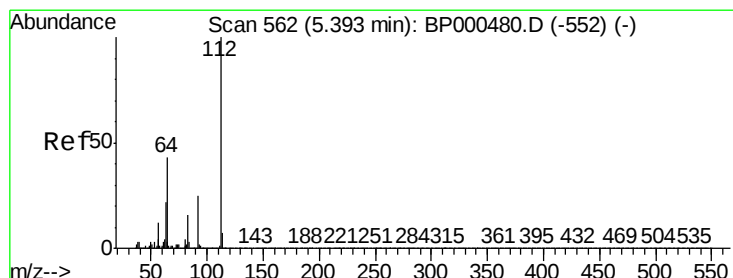
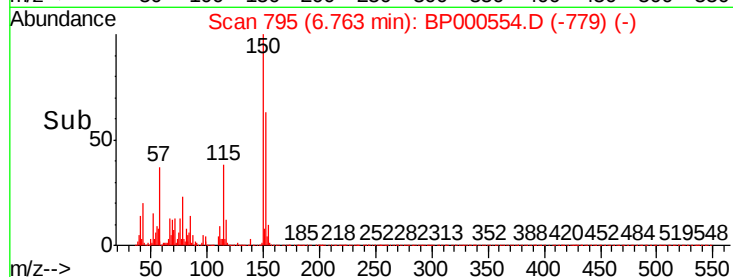
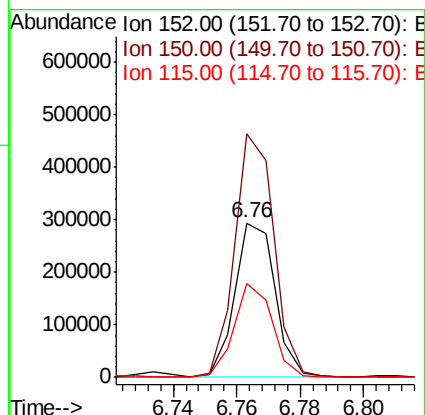
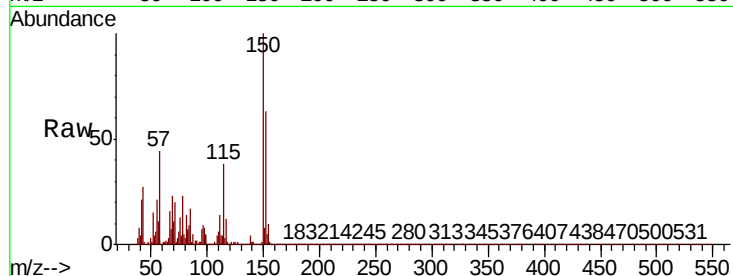


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Instrument :
BNA_P
ClientSampleId :

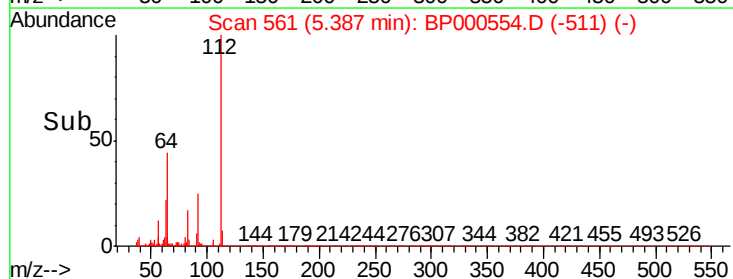
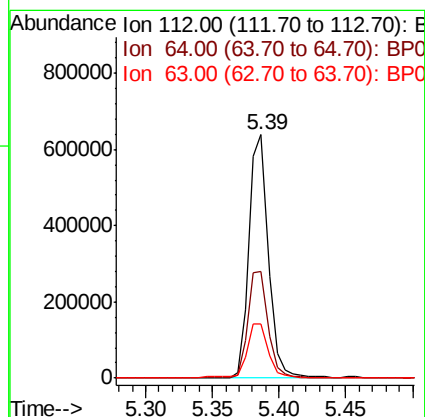
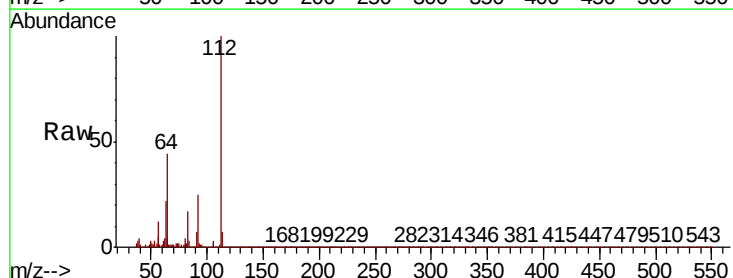
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.1	186.1
115	60.4	48.7	73.1

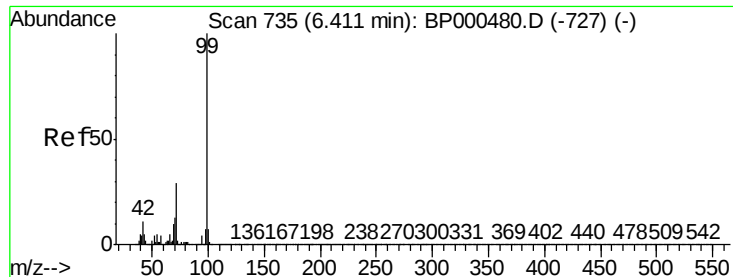


#5

2-Fluorophenol
Concen: 39.979 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	34.2	51.4
63	22.5	17.9	26.9





#7

Phenol-d6

Concen: 43.881 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampled :

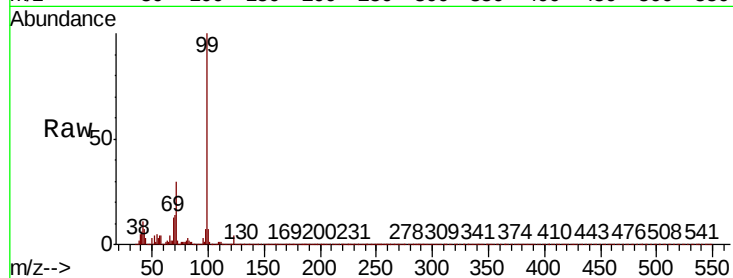
Tot Ion: 99 Resp: 842144

Ion Ratio Lower Upper

99 100

42 11.3 8.6 12.8

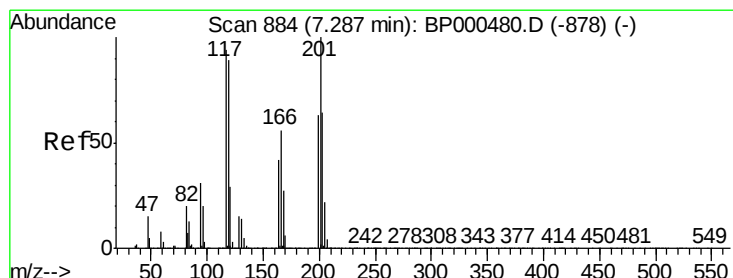
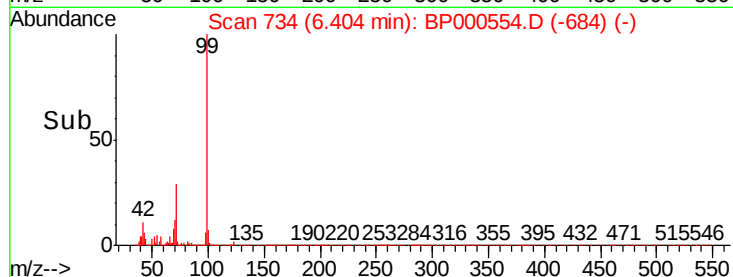
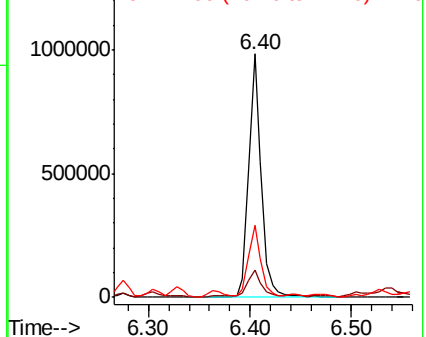
71 29.9 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#18

Hexachloroethane

Concen: 21.813 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

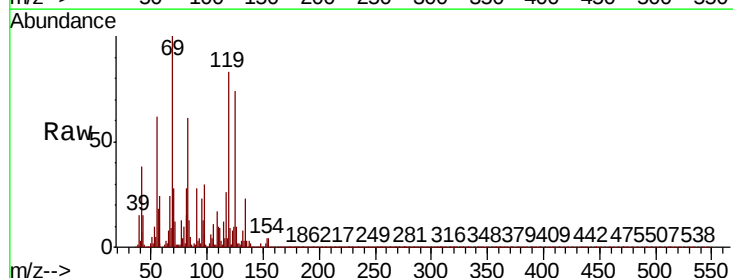
Tgt Ion: 117 Resp: 148841

Ion Ratio Lower Upper

117 100

119 324.1 76.3 114.5#

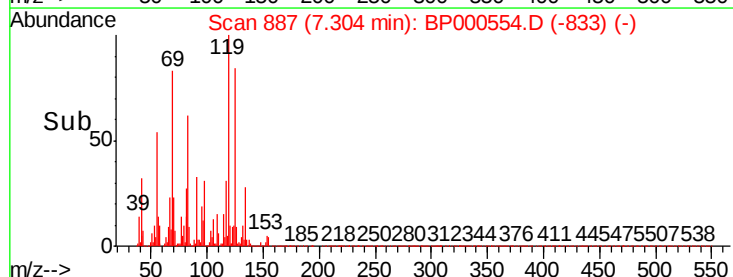
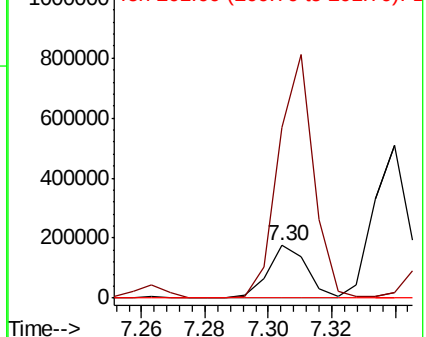
201 0.0 85.4 128.0#

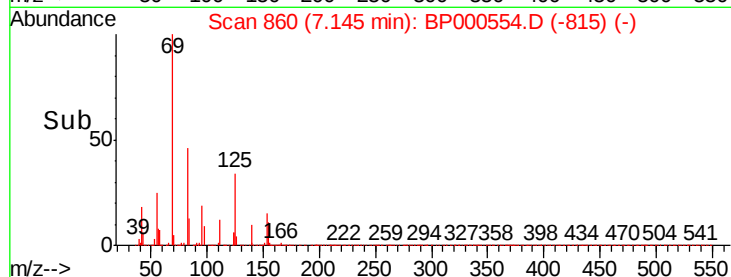
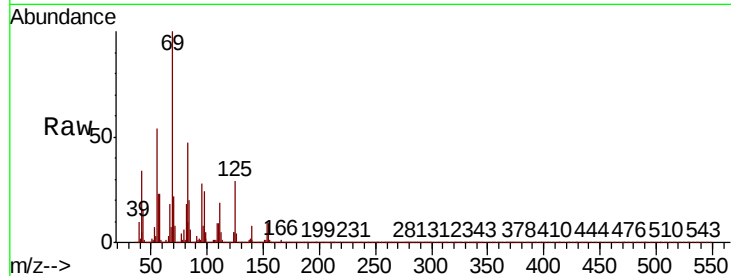
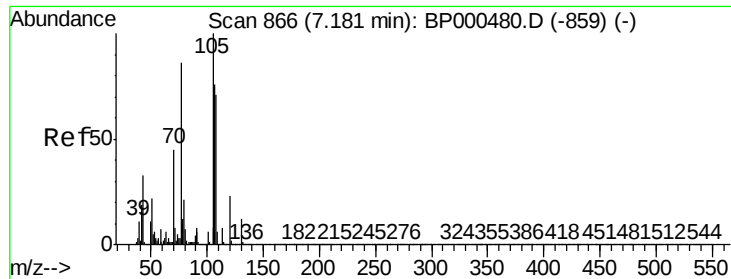


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

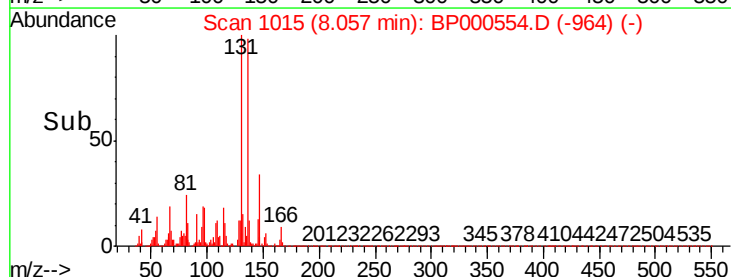
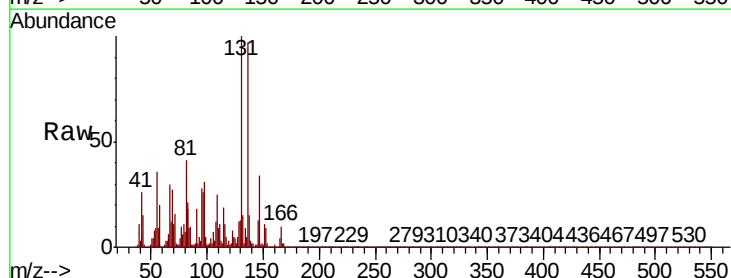
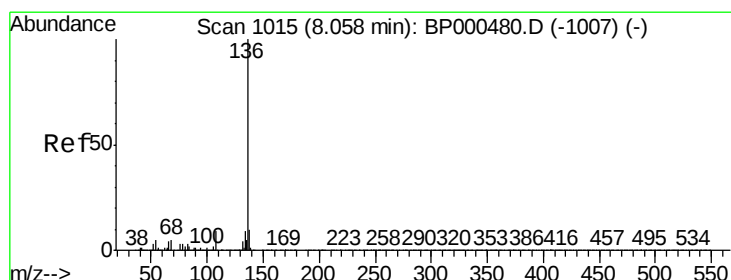
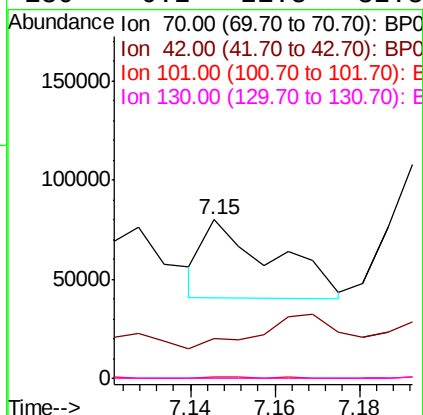




#19
n-Nitroso-di-n-propylamine
Concen: 5.127 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

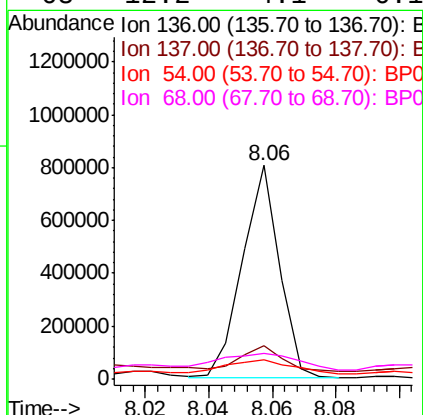
Instrument :
BNA_P
ClientSampleId :

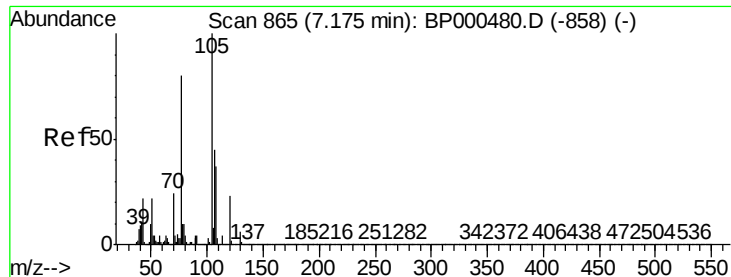
Tot Ion:	70	Resp:	45355
Ion	Ratio	Lower	Upper
70	100		
42	24.7	33.2	49.8#
101	0.7	9.9	14.9#
130	0.2	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:	136	Resp:	649141
Ion	Ratio	Lower	Upper
136	100		
137	15.5	8.2	12.4#
54	9.0	4.1	6.1#
68	12.2	4.1	6.1#





#22

Acetophenone

Concen: 2.195 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampleId :

Tot Ion:105 Resp: 32919

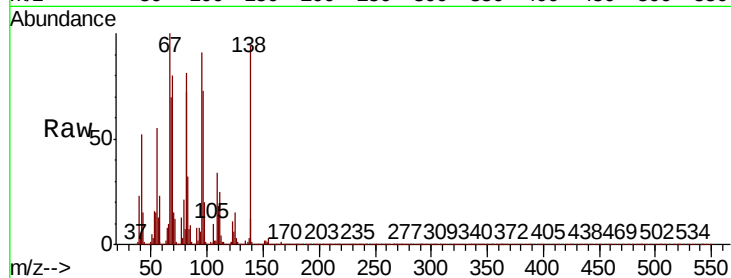
Ion Ratio Lower Upper

105 100

71 120.8 3.3 4.9#

51 45.4 17.4 26.2#

120 3.2 18.0 27.0#

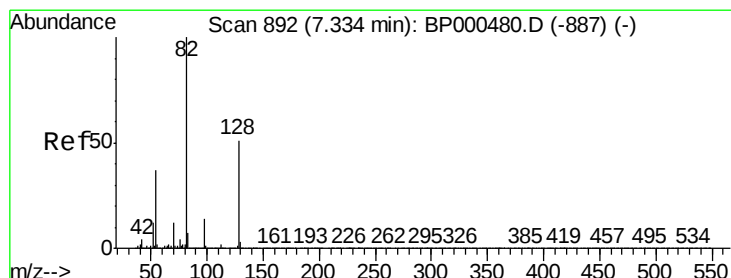
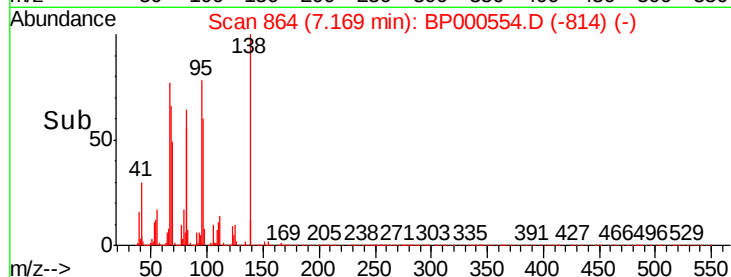
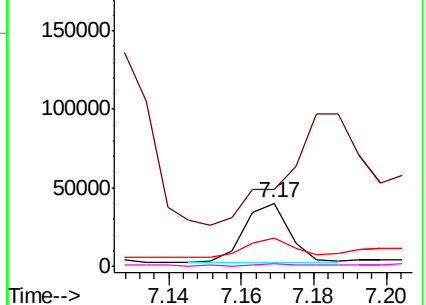


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 49.201 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

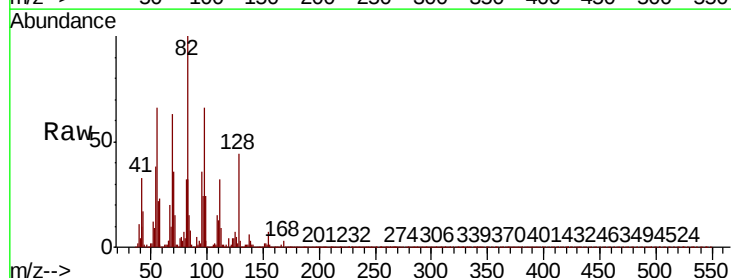
Tgt Ion: 82 Resp: 522934

Ion Ratio Lower Upper

82 100

128 43.9 40.9 61.3

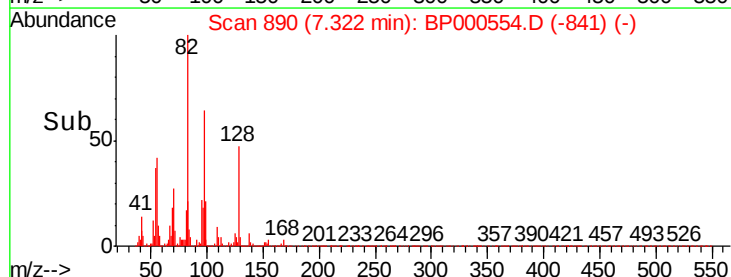
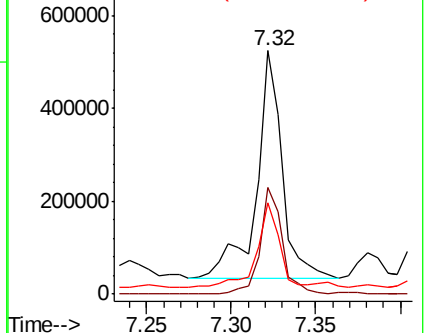
54 37.5 29.4 44.2

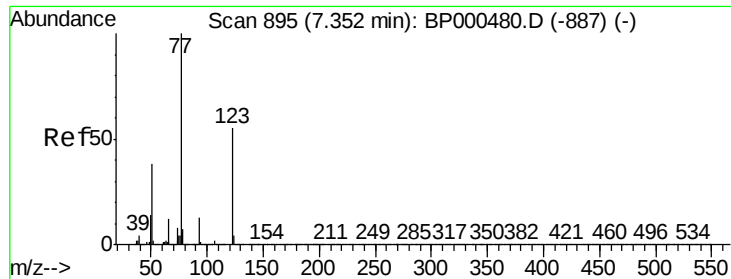


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

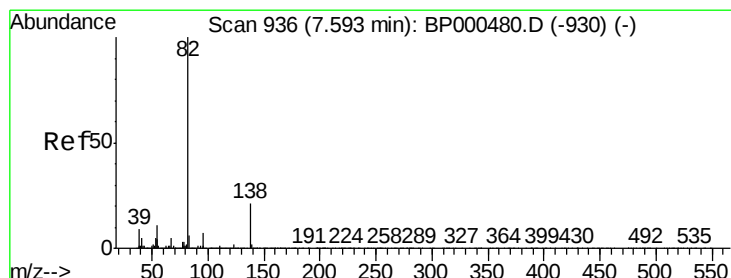
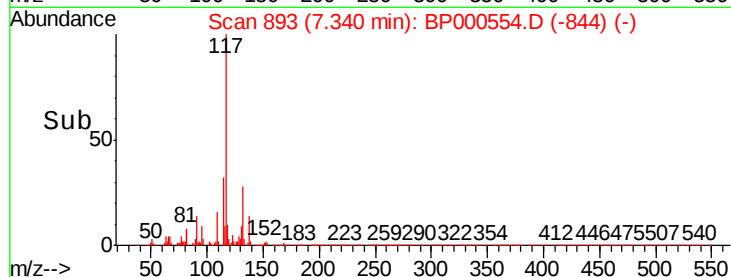
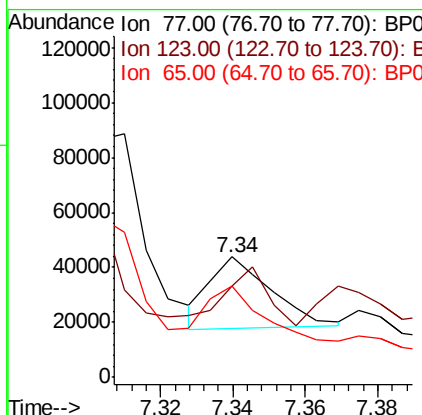
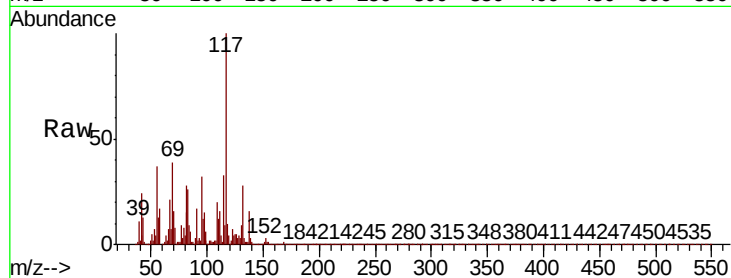




#24
Nitrobenzene
Concen: 2.992 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

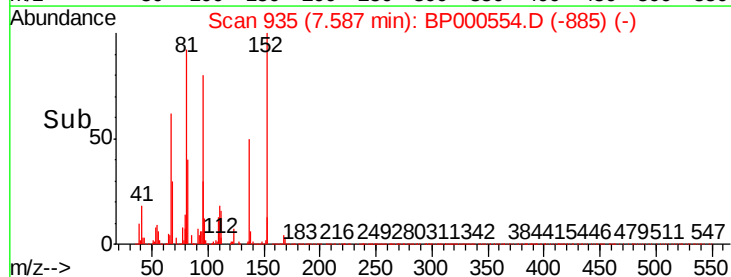
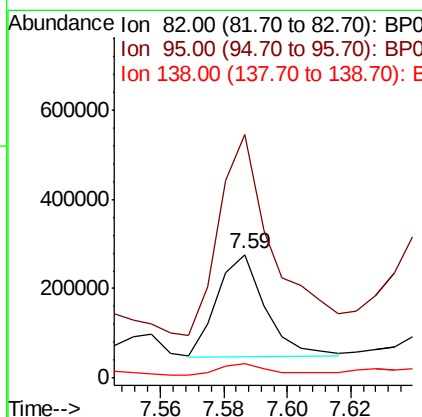
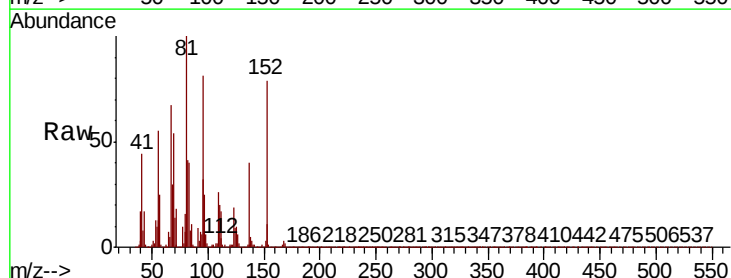
Instrument :
BNA_P
ClientSampleId :

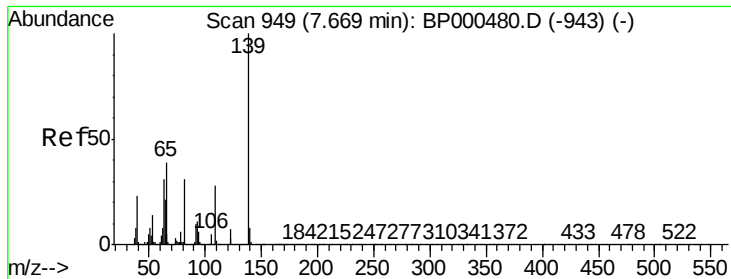
Tot Ion	Ratio	Lower	Upper
77	100		
123	75.9	44.1	66.1#
65	76.3	9.7	14.5#



#25
Isophorone
Concen: 12.662 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
82	100		
95	196.7	5.8	8.6#
138	12.1	17.0	25.4#





#26

2-Nitrophenol

Concen: 11.820 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampleId :

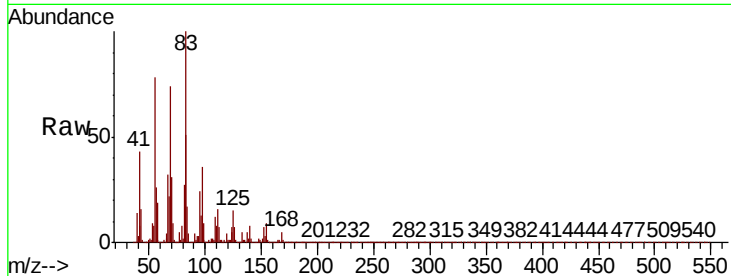
Tot Ion:139 Resp: 63721

Ion Ratio Lower Upper

139 100

109 160.7 22.8 34.2#

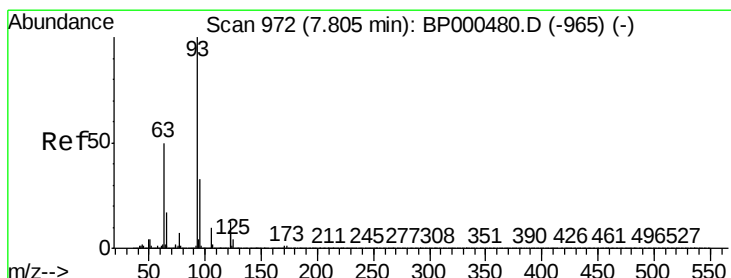
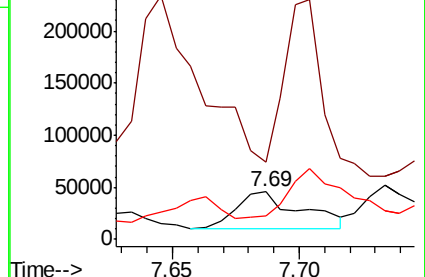
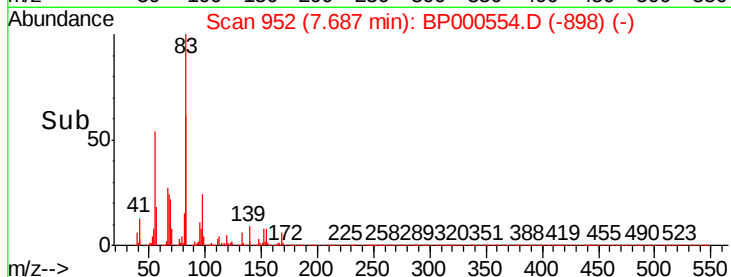
65 49.7 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP



#28

bis(2-Chloroethoxy)methane

Concen: 2.342 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

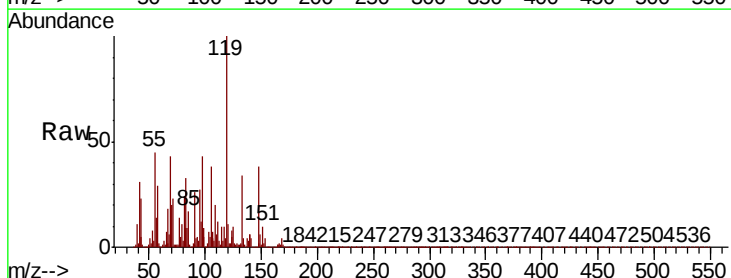
Tgt Ion: 93 Resp: 30019

Ion Ratio Lower Upper

93 100

95 513.8 26.2 39.2#

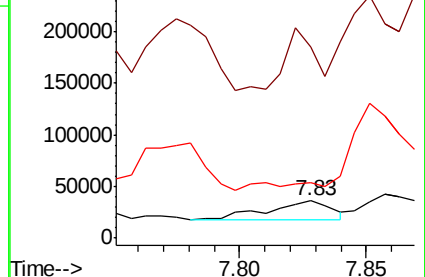
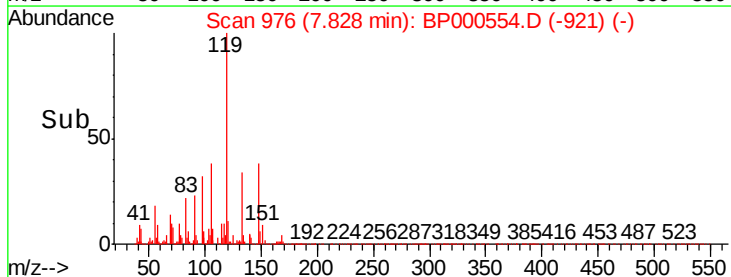
123 148.9 10.2 15.2#

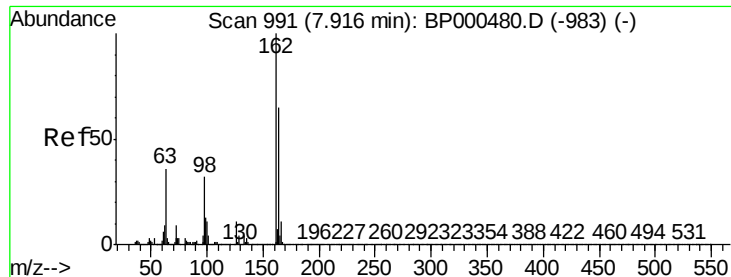


Abundance Ion 93.00 (92.70 to 93.70): BP

Ion 95.00 (94.70 to 95.70): BP

Ion 123.00 (122.70 to 123.70): E

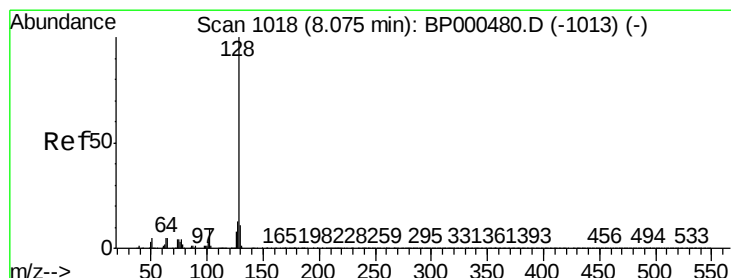
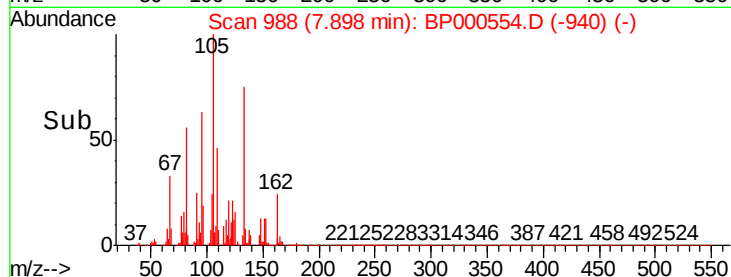
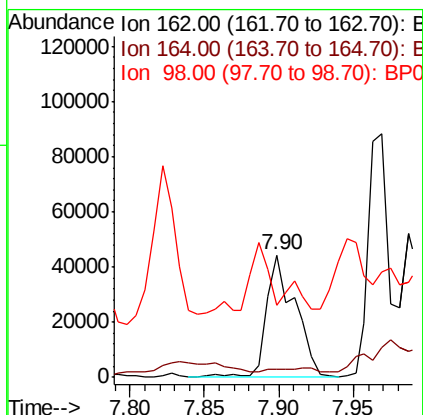
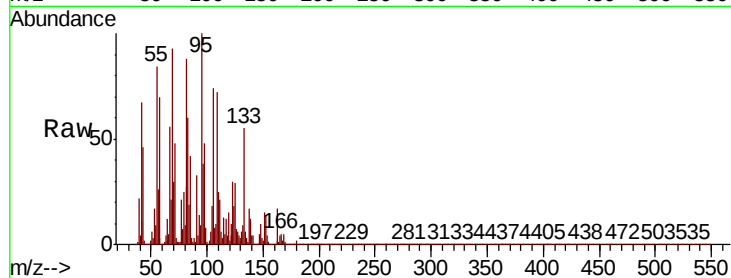




#29
2,4-Dichlorophenol
Concen: 6.280 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

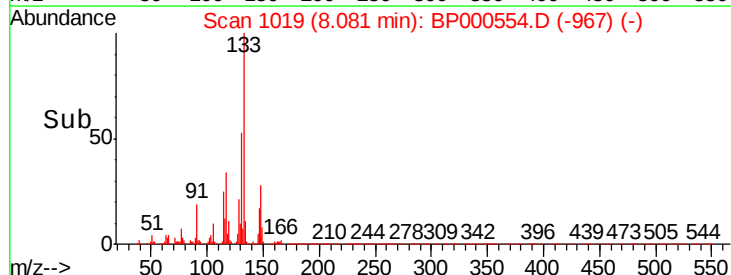
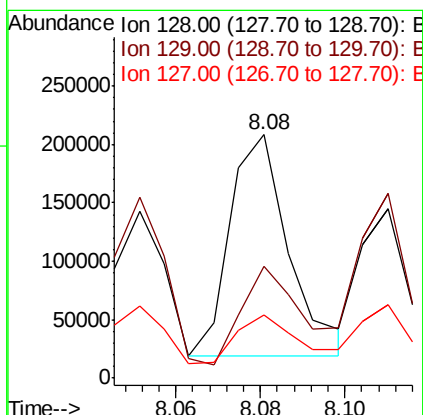
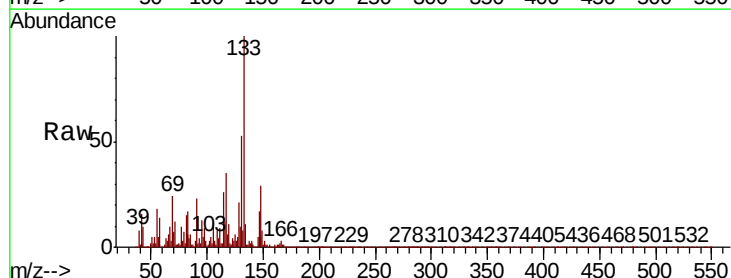
Instrument :
BNA_P
ClientSampled :

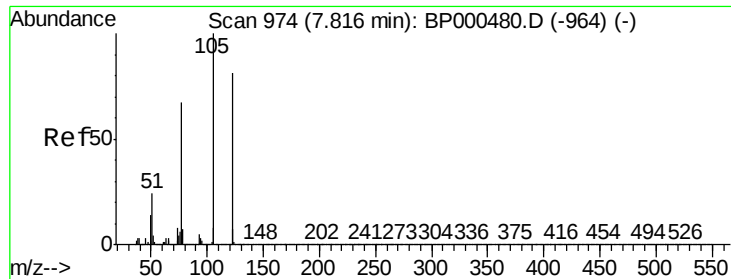
Tot Ion:162 Resp: 58672
Ion Ratio Lower Upper
162 100
164 6.3 44.6 84.6#
98 59.1 11.6 51.6#



#31
Naphthalene
Concen: 6.047 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:128 Resp: 183317
Ion Ratio Lower Upper
128 100
129 45.9 9.0 13.6#
127 25.8 10.5 15.7#

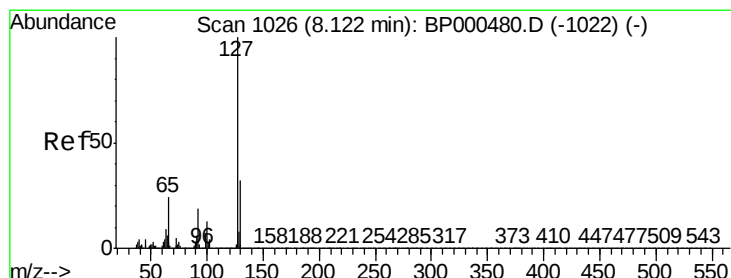
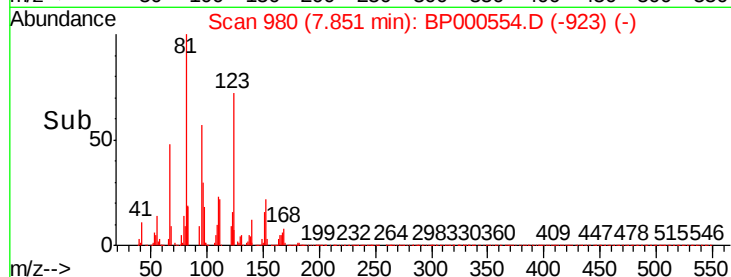
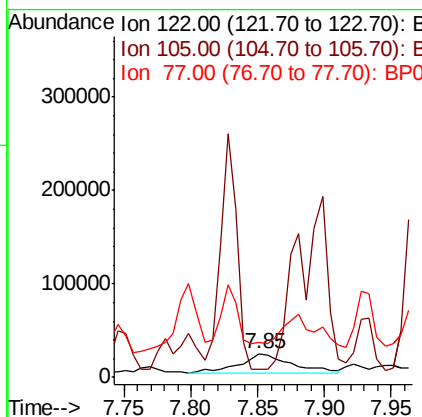
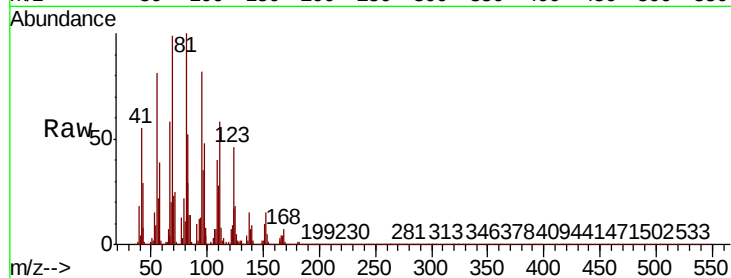




#32
Benzoic acid
Concen: 11.299 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.03 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

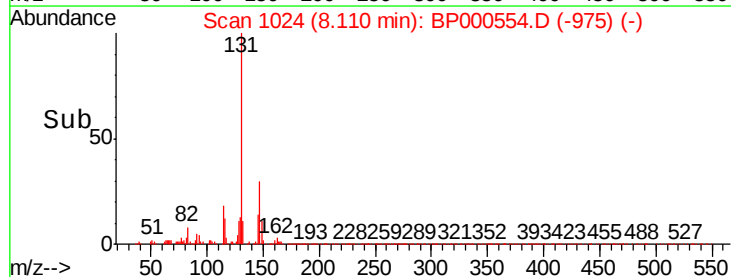
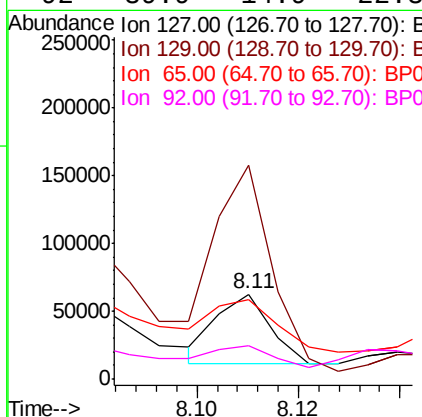
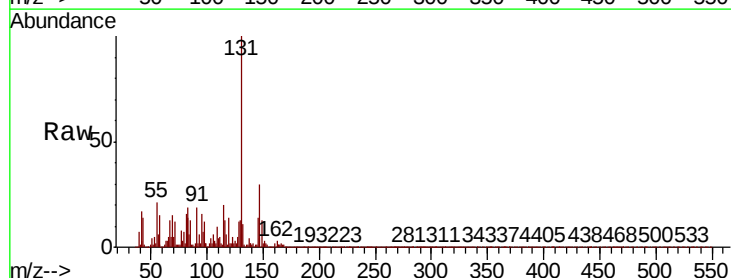
Instrument :
BNA_P
ClientSampleId :

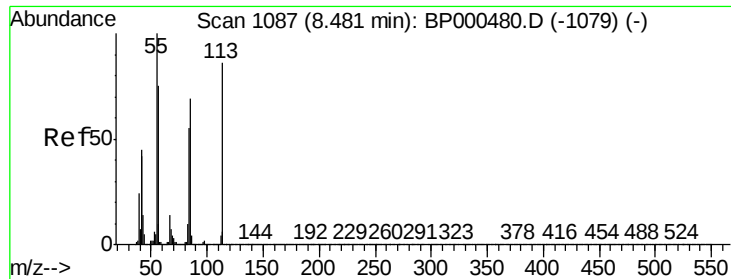
Tot Ion	Ratio	Lower	Upper
122	100		
105	31.1	101.4	141.4#
77	147.7	62.1	102.1#



#33
4-Chloroaniline
Concen: 2.879 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
127	100		
129	252.2	25.6	38.4#
65	94.4	19.2	28.8#
92	39.9	14.9	22.3#

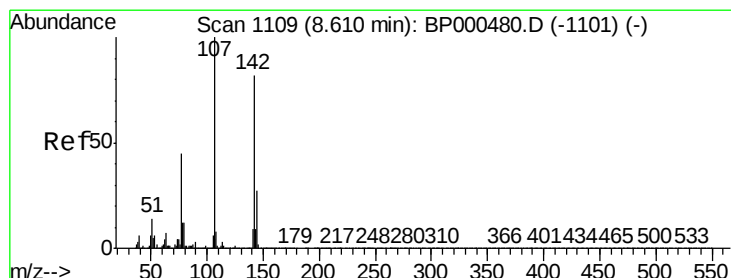
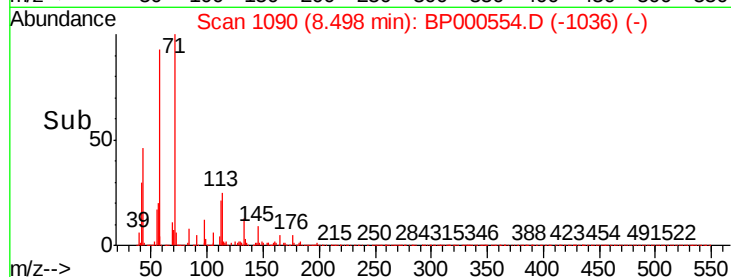
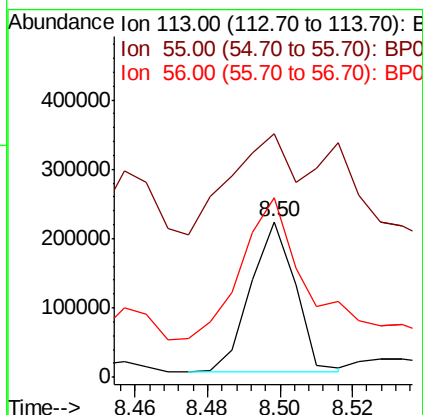
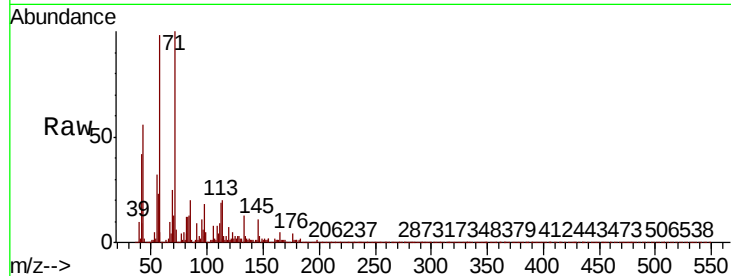




#35
Caprolactam
Concen: 59.516 ng
RT: 8.50 min Scan# 1090
Delta R.T. 0.02 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

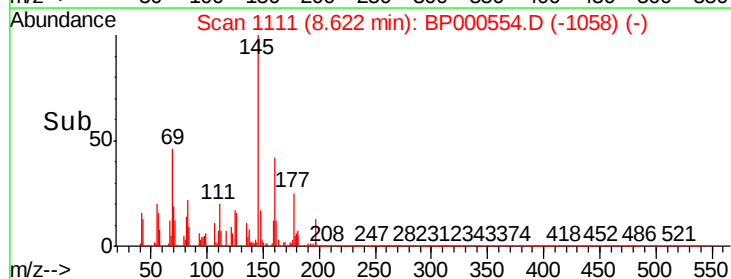
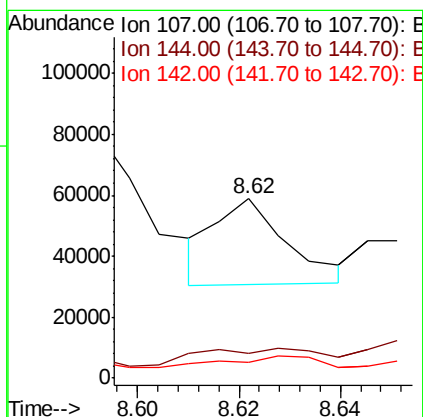
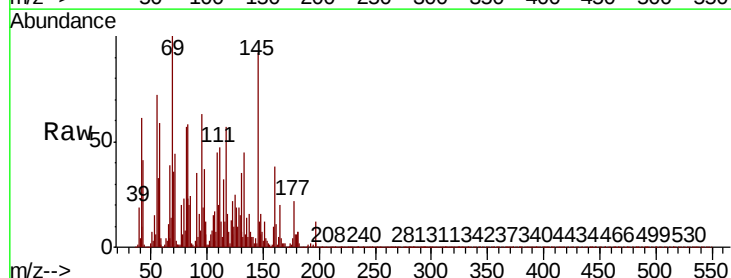
Instrument :
BNA_P
ClientSampleId :

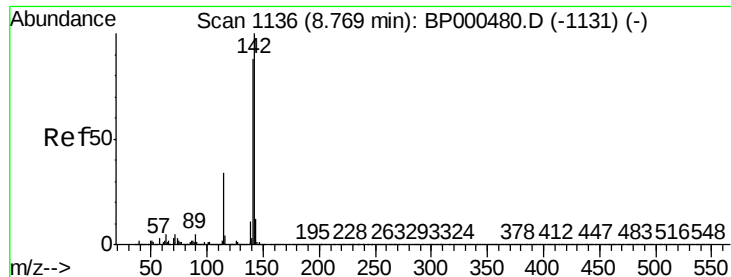
Tot Ion:113 Resp: 186252
Ion Ratio Lower Upper
113 100
55 156.5 95.9 135.9#
56 115.8 67.2 107.2#



#36
4-Chloro-3-methylphenol
Concen: 3.033 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:107 Resp: 27753
Ion Ratio Lower Upper
107 100
144 14.1 21.8 32.8#
142 8.8 65.5 98.3#

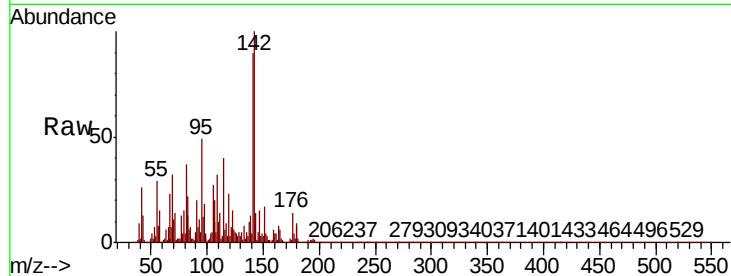




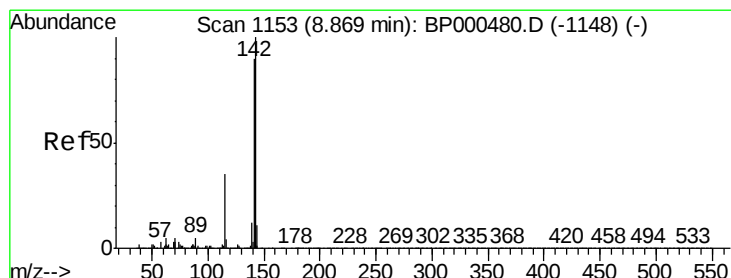
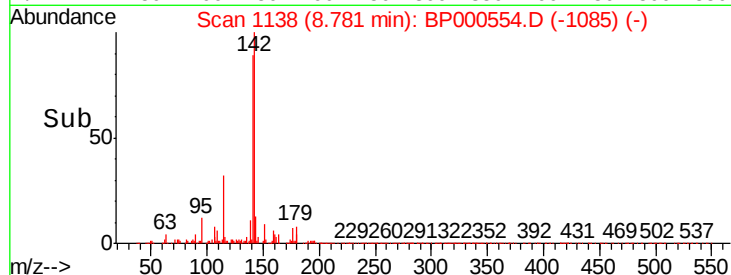
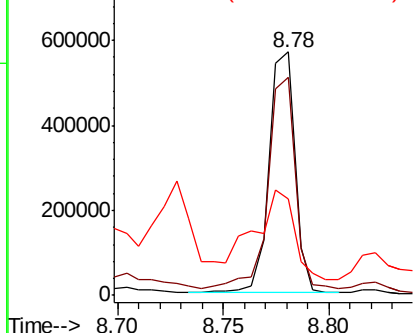
#37
2-Methylnaphthalene
Concen: 23.929 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Instrument :
BNA_P
ClientSampleId :

Tot Ion:142 Resp: 487004
Ion Ratio Lower Upper
142 100
141 89.6 70.6 106.0
115 39.7 27.4 41.0

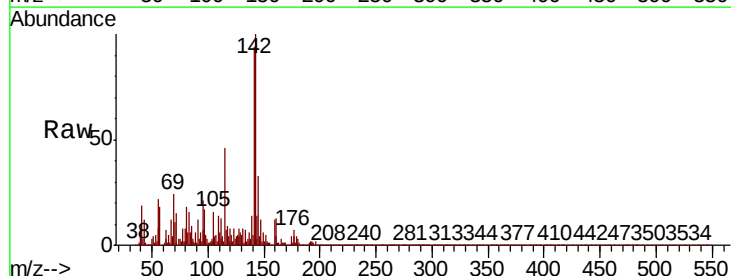


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

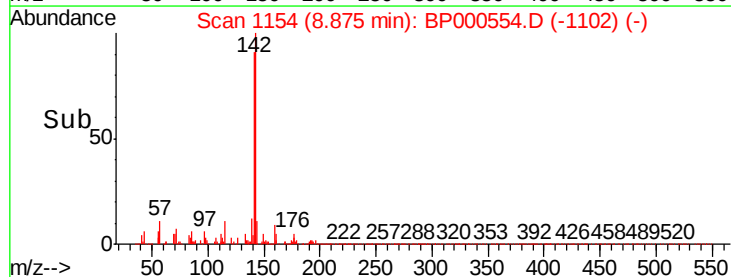
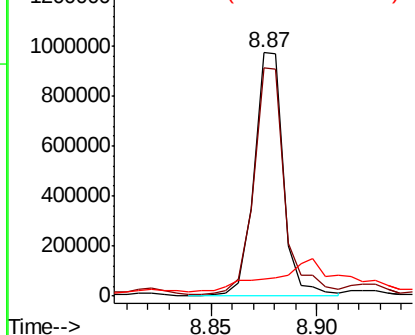


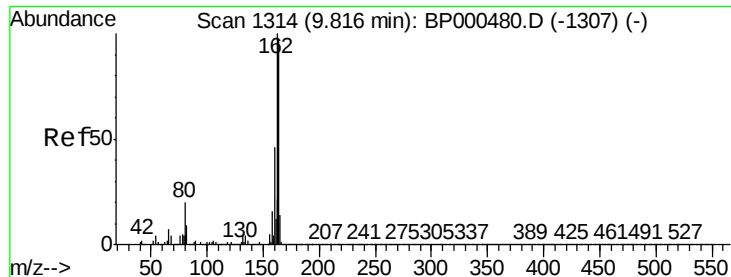
#38
1-Methylnaphthalene
Concen: 48.413 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:142 Resp: 931000
Ion Ratio Lower Upper
142 100
141 93.6 71.9 107.9
116 7.0 3.0 4.4#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampleId :

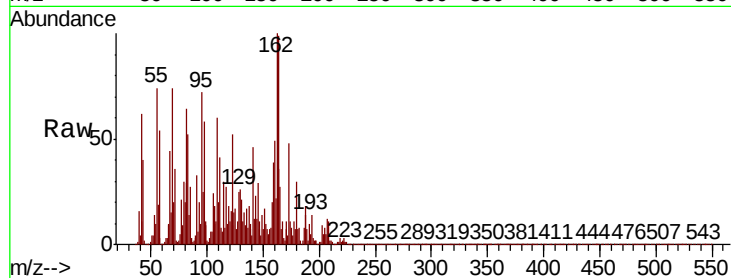
Tot Ion:164 Resp: 312387

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.2

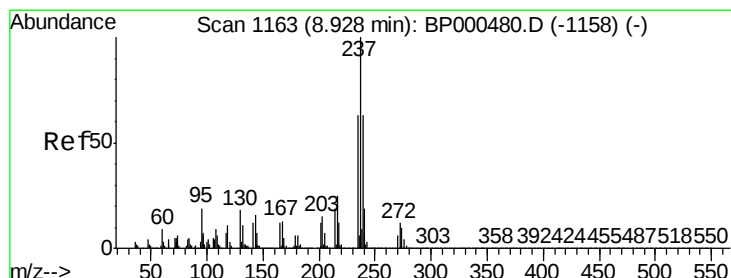
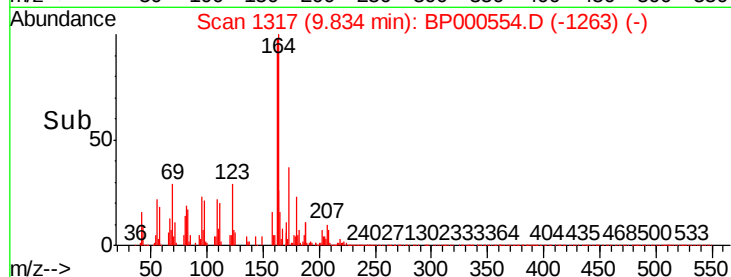
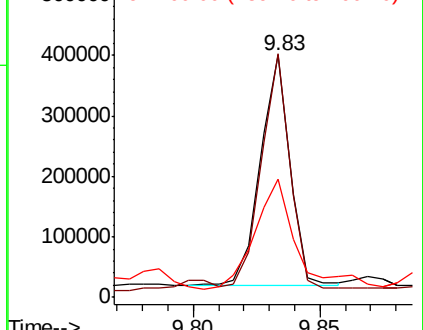
160 48.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

Hexachlorocyclopentadiene

Concen: 7.307 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.28 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

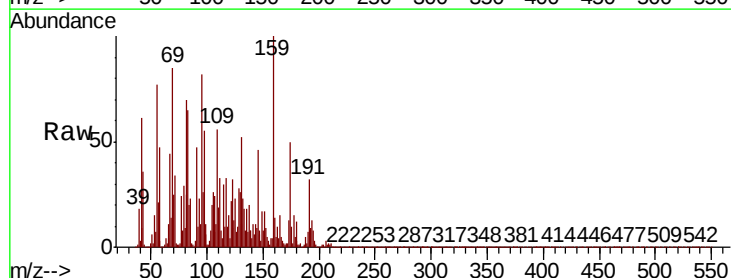
Tgt Ion:237 Resp: 43

Ion Ratio Lower Upper

237 100

235 57.1 42.9 82.9

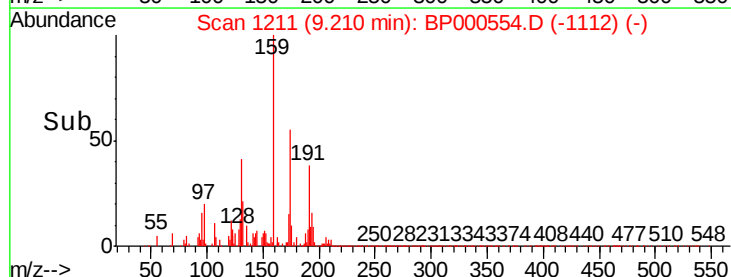
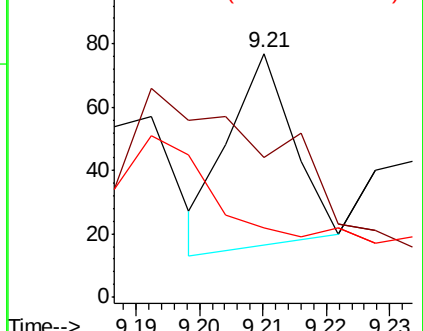
272 28.6 0.0 32.4

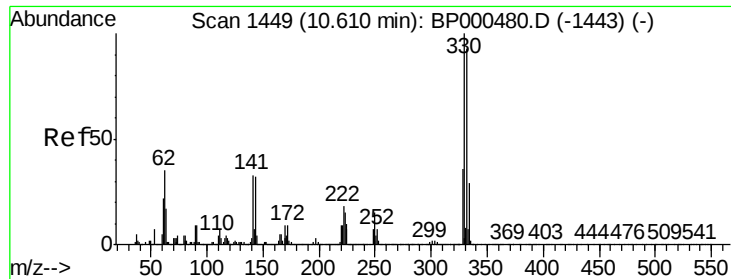


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

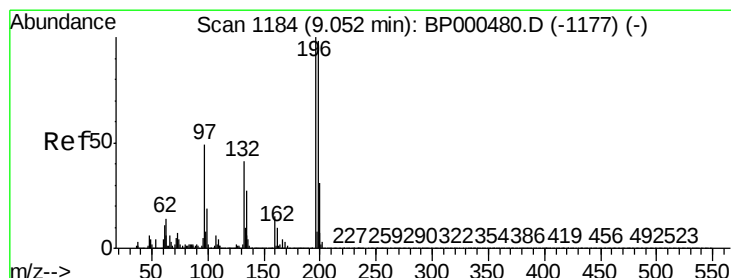
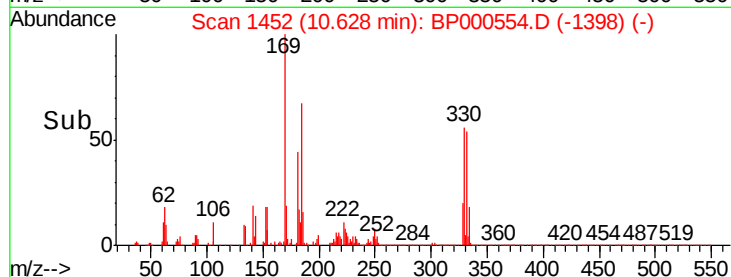
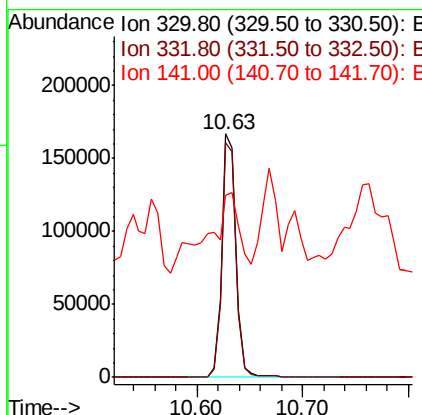
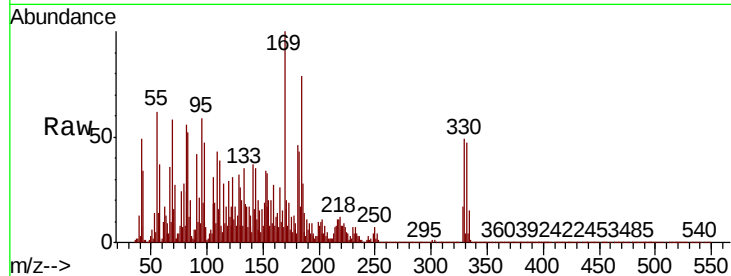




#42
 2,4,6-Tribromophenol
 Concen: 47.196 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.02 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

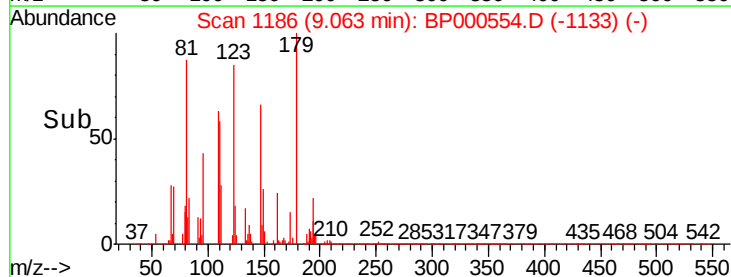
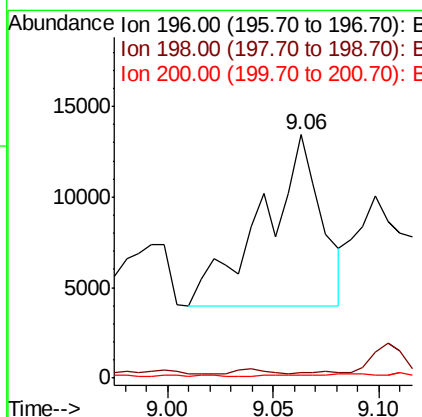
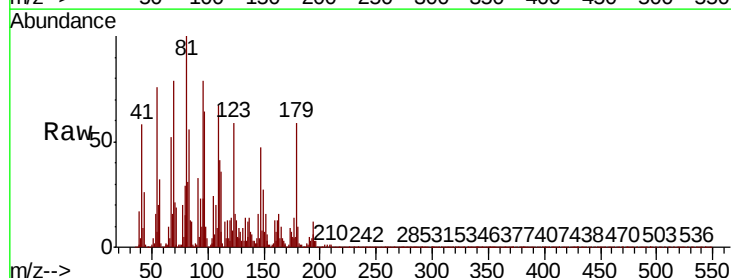
Instrument :
 BNA_P
 ClientSampleId :

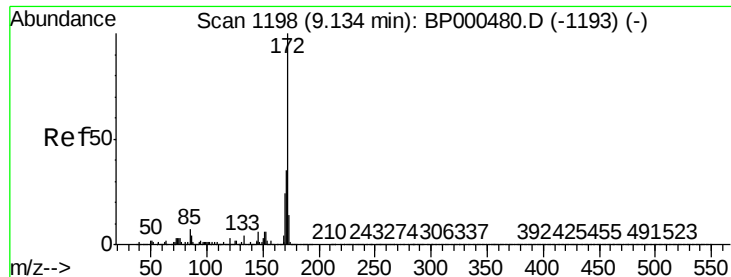
Tot Ion:330 Resp: 157109
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 74.2 26.0 39.0#



#43
 2,4,6-Trichlorophenol
 Concen: 3.012 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

Tgt Ion:196 Resp: 18335
 Ion Ratio Lower Upper
 196 100
 198 2.3 78.2 117.2#
 200 1.1 24.9 37.3#

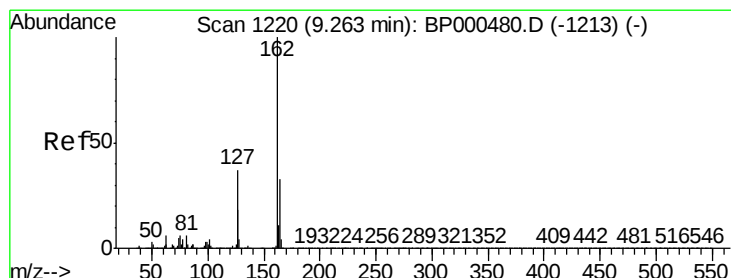
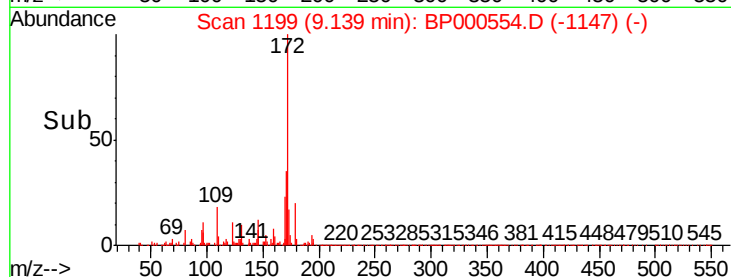
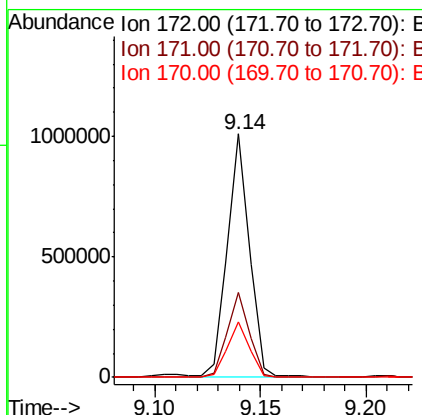
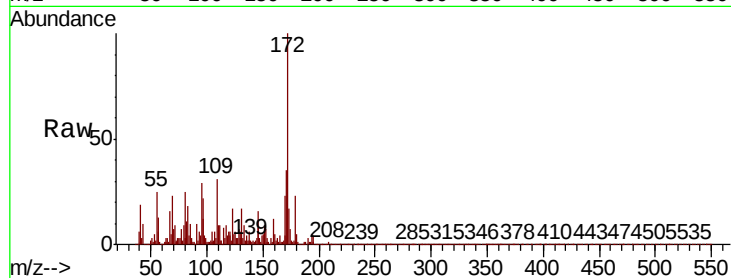




#45
2-Fluorobiphenyl
Concen: 37.530 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

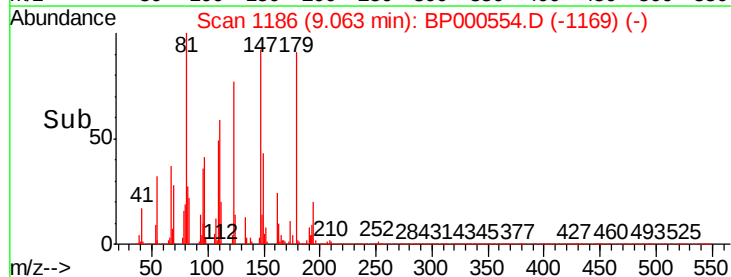
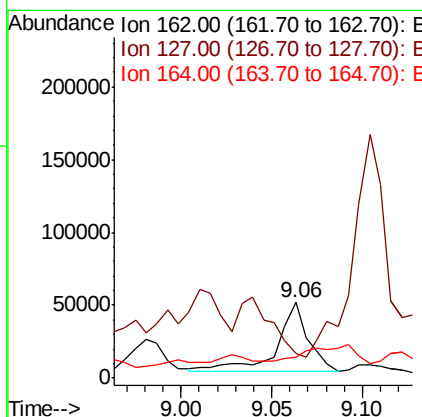
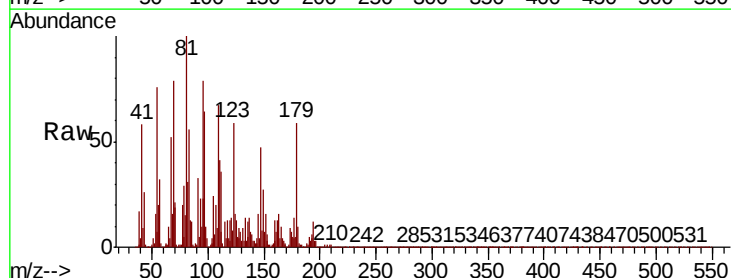
Instrument :
BNA_P
ClientSampleId :

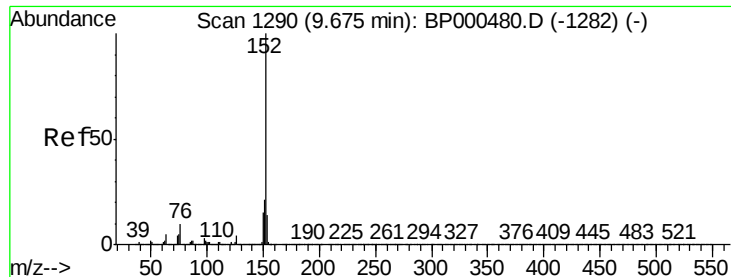
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	23.0	19.1	28.7



#47
2-Chloronaphthalene
Concen: 3.026 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.20 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.1	29.8	44.6
164	28.1	26.6	39.8





#49

Acenaphthylene

Concen: 5.951 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampleId :

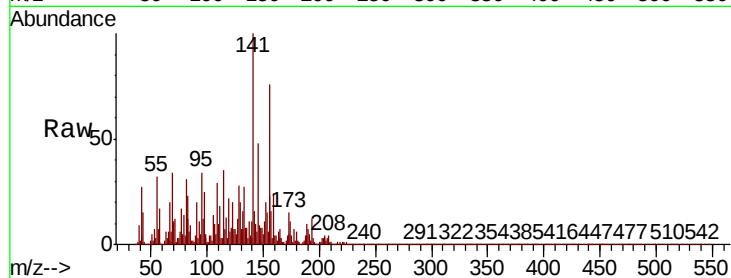
Tot Ion:152 Resp: 163711

Ion Ratio Lower Upper

152 100

151 55.9 16.6 25.0#

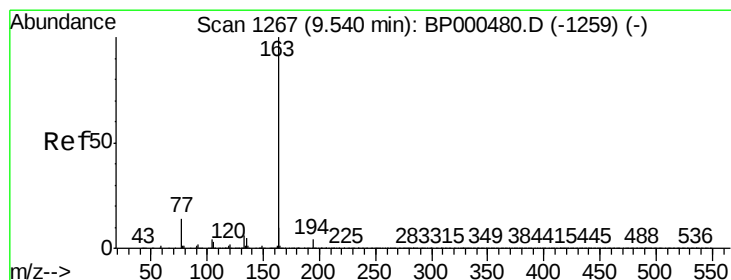
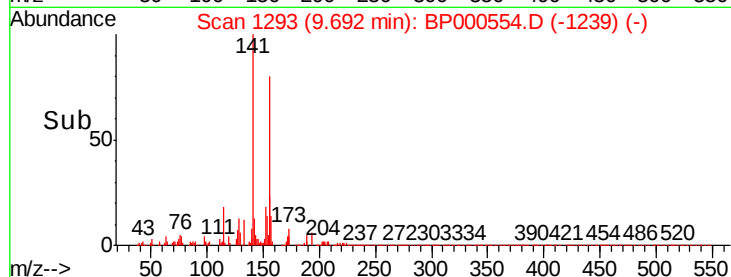
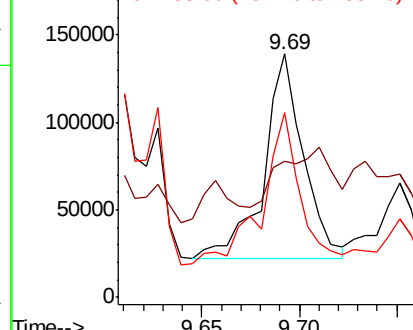
153 75.6 11.0 16.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 9.193 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

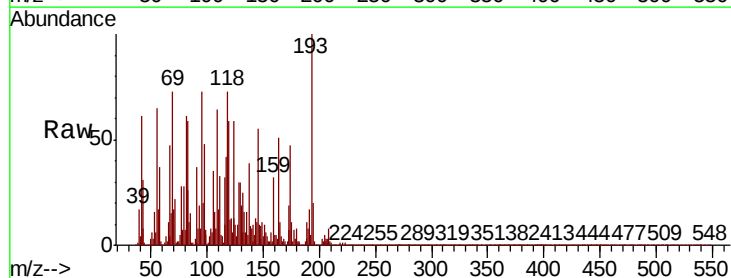
Tgt Ion:163 Resp: 199554

Ion Ratio Lower Upper

163 100

194 40.1 3.4 5.2#

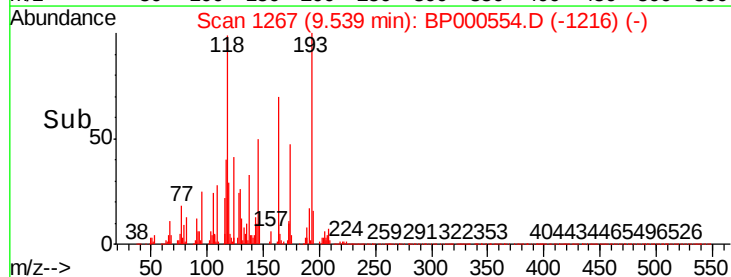
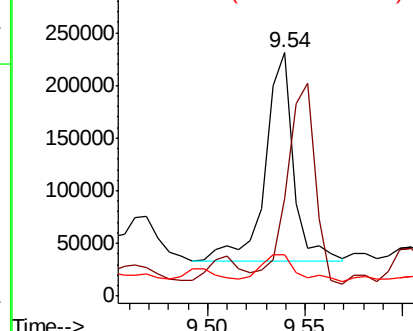
164 16.9 8.0 12.0#

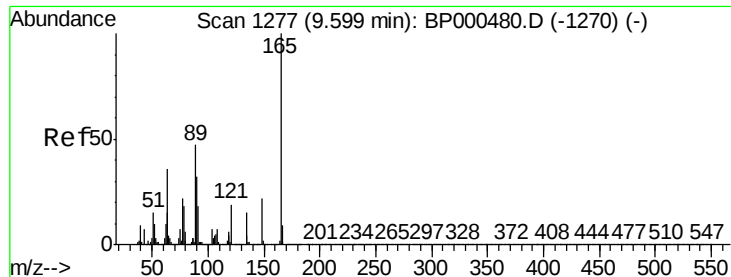


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

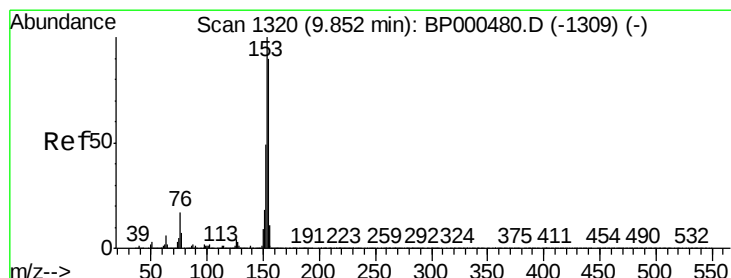
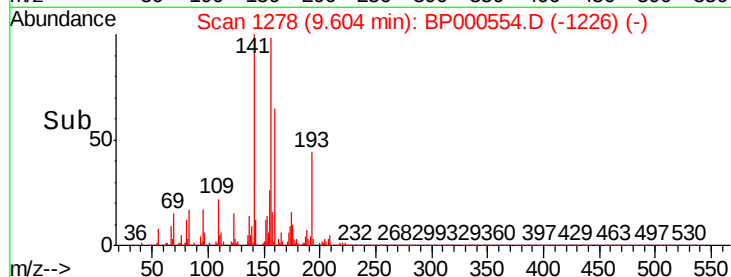
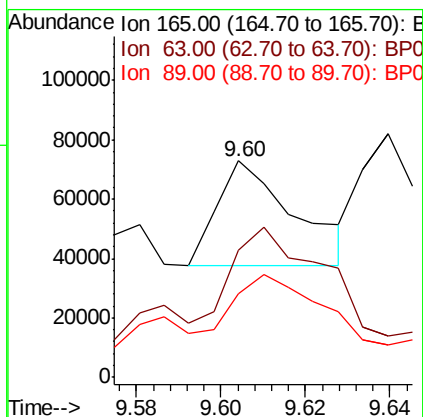
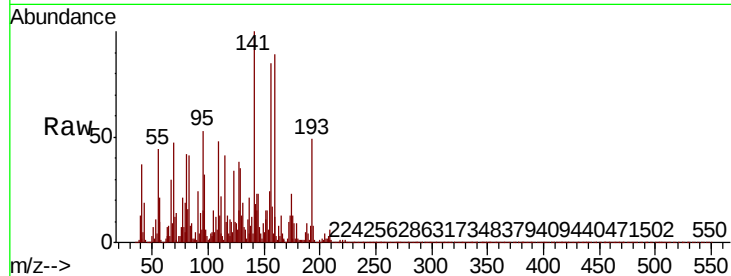




#51
2,6-Dinitrotoluene
Concen: 9.364 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

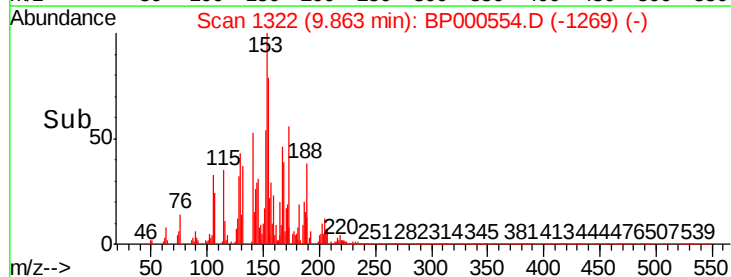
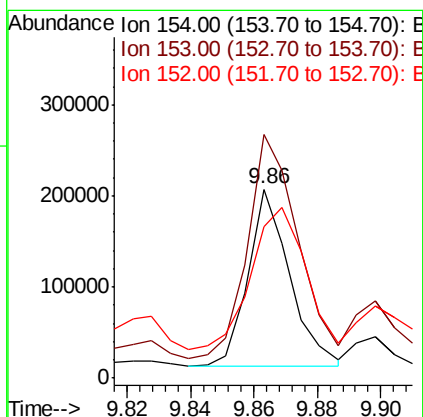
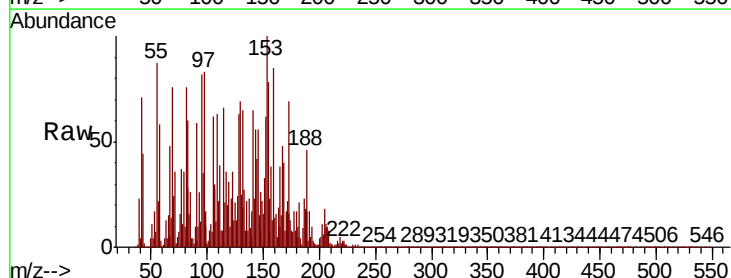
Instrument :
BNA_P
ClientSampled :

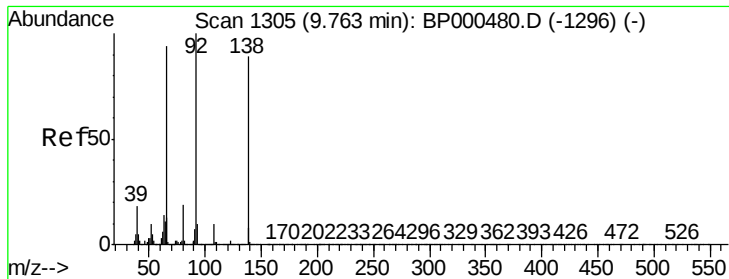
Tot Ion:165 Resp: 44326
Ion Ratio Lower Upper
165 100
63 58.5 29.9 44.9#
89 38.3 37.3 55.9



#52
Acenaphthene
Concen: 10.645 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:154 Resp: 177633
Ion Ratio Lower Upper
154 100
153 128.9 89.4 134.0
152 80.4 43.8 65.8#

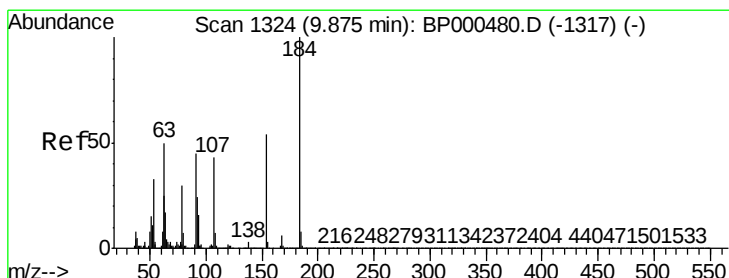
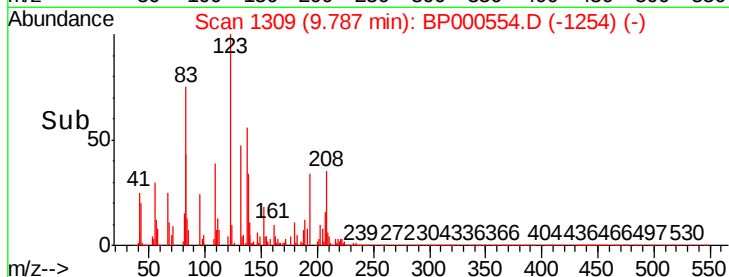
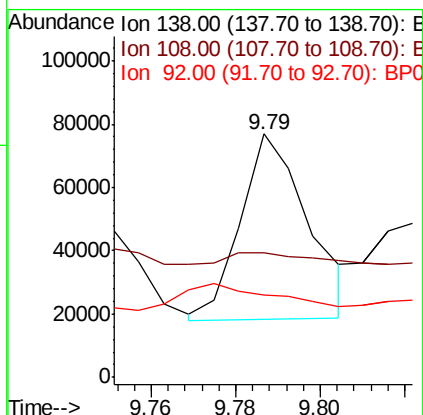
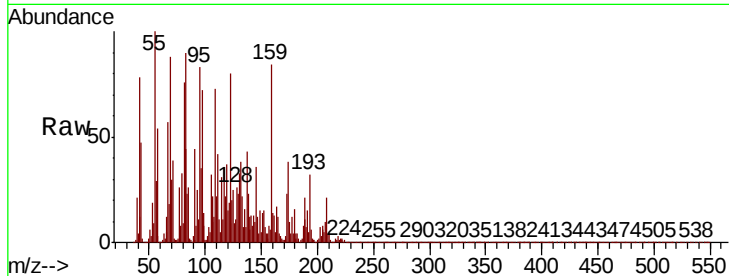




#53
3-Nitroaniline
Concen: 12.031 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.02 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

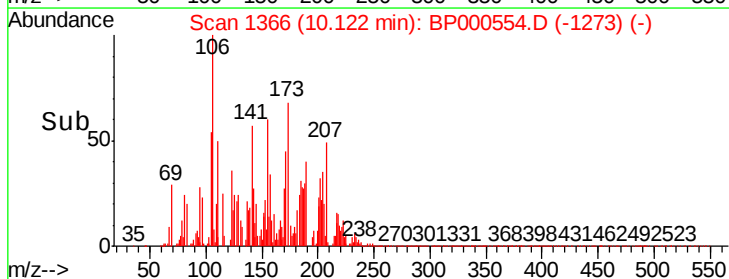
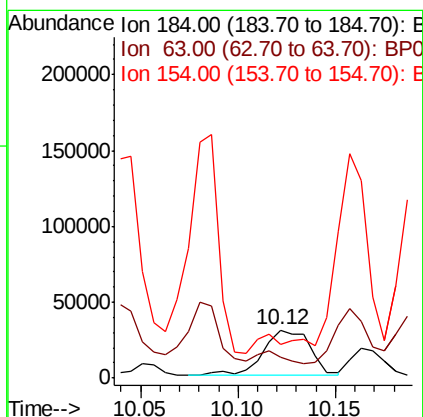
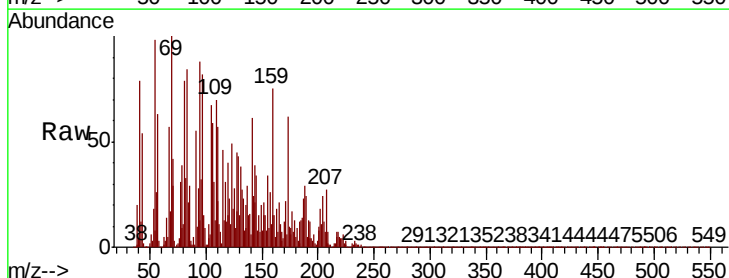
Instrument :
BNA_P
ClientSampled :

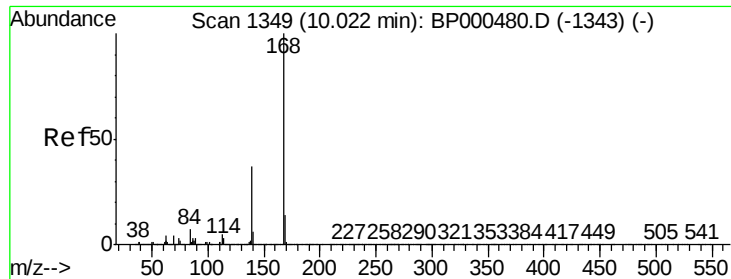
Tot Ion:138 Resp: 65255
Ion Ratio Lower Upper
138 100
108 51.1 8.8 13.2#
92 33.6 90.4 135.6#



#54
2,4-Dinitrophenol
Concen: 31.285 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.25 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:184 Resp: 49415
Ion Ratio Lower Upper
184 100
63 44.7 41.0 61.4
154 70.5 49.8 74.8





#55

Dibenzofuran

Concen: 5.228 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampleId :

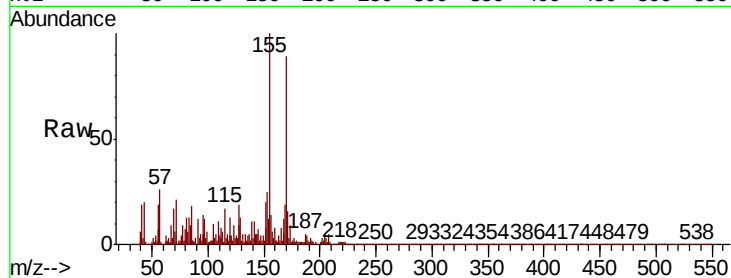
Tot Ion:168 Resp: 130416

Ion Ratio Lower Upper

168 100

139 92.9 29.5 44.3#

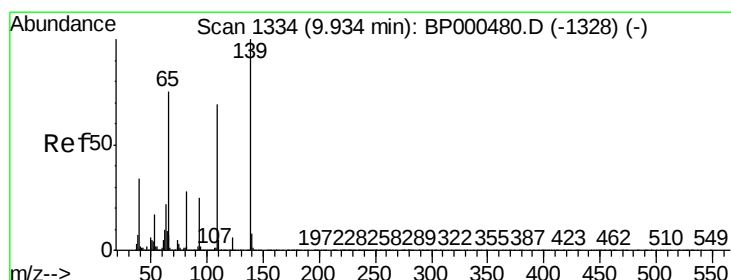
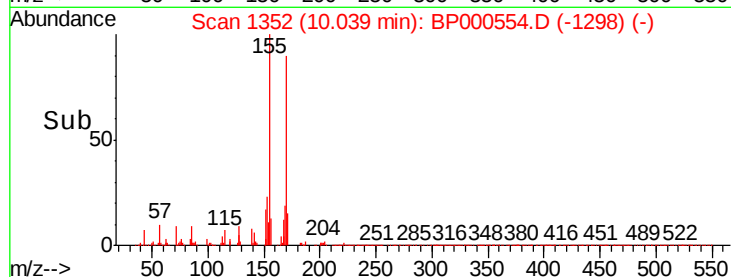
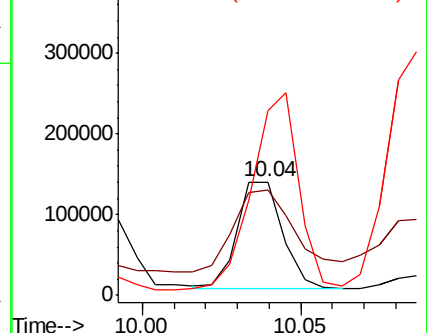
169 163.3 11.1 16.7#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.179 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

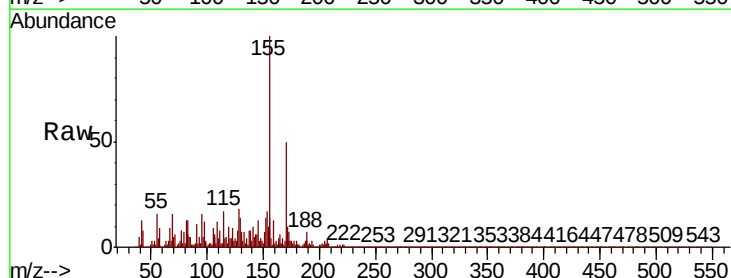
Tgt Ion:139 Resp: 128742

Ion Ratio Lower Upper

139 100

109 145.8 48.6 88.6#

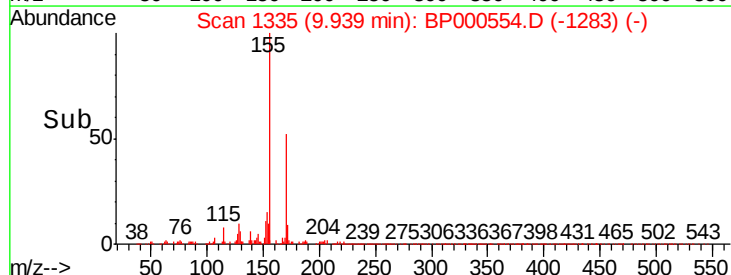
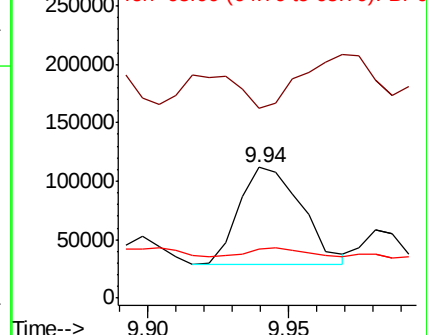
65 37.5 55.3 95.3#

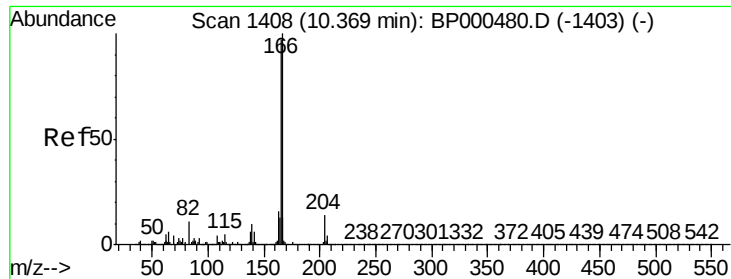


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

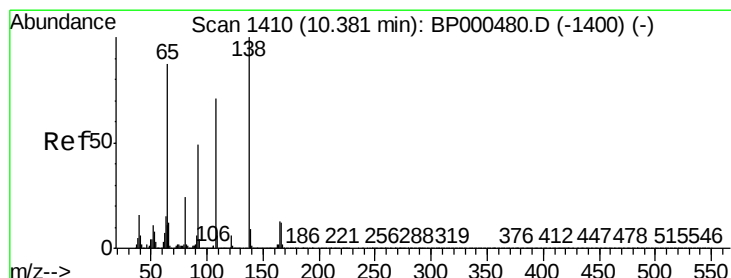
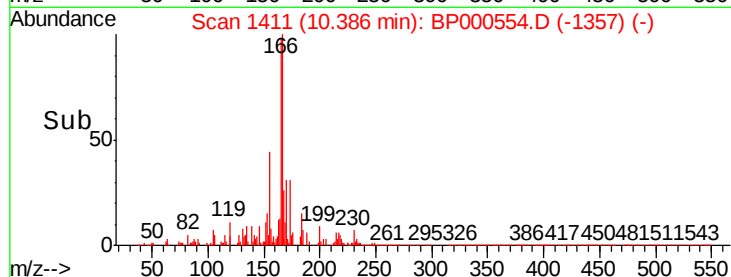
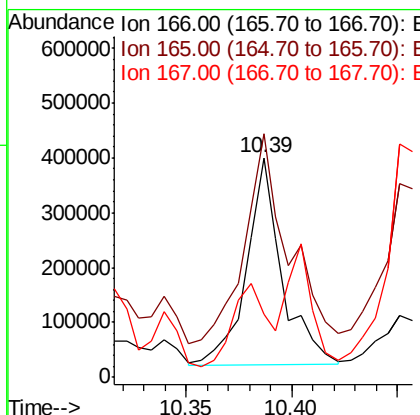
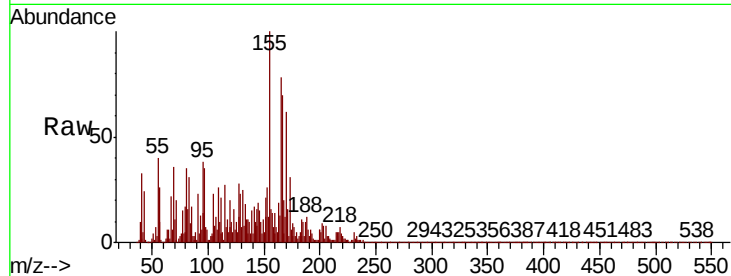




#58
 Fluorene
 Concen: 24.826 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.02 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

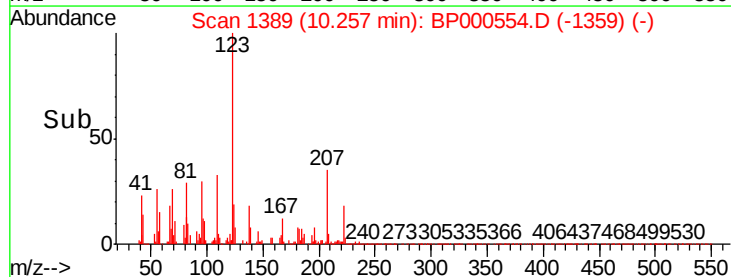
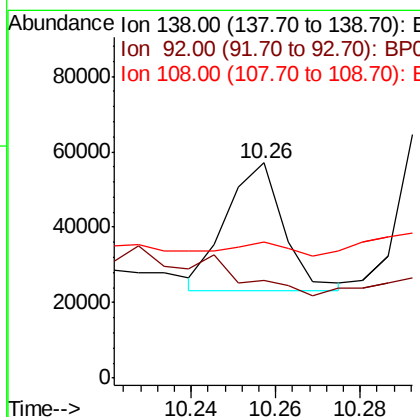
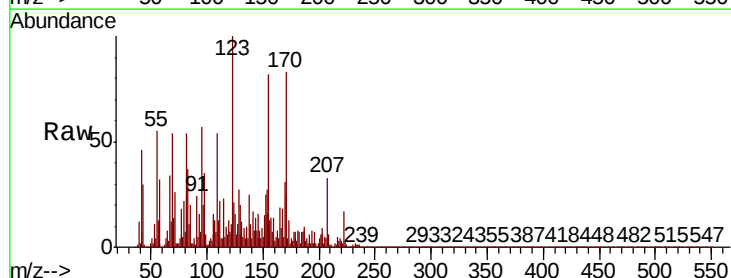
Instrument :
 BNA_P
 ClientSampled :

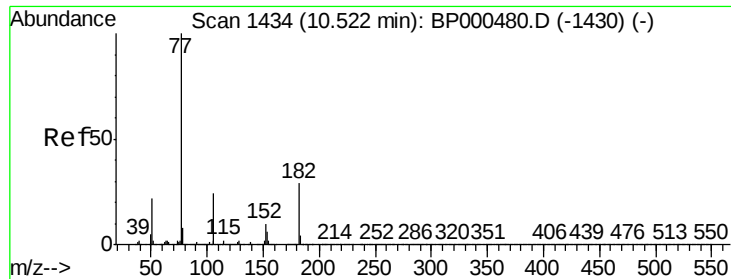
Tot Ion:166 Resp: 441348
 Ion Ratio Lower Upper
 166 100
 165 110.8 77.3 115.9
 167 29.0 10.6 16.0#



#62
 4-Nitroaniline
 Concen: 6.154 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.12 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

Tgt Ion:138 Resp: 32101
 Ion Ratio Lower Upper
 138 100
 92 45.2 28.7 68.7
 108 63.4 50.6 90.6

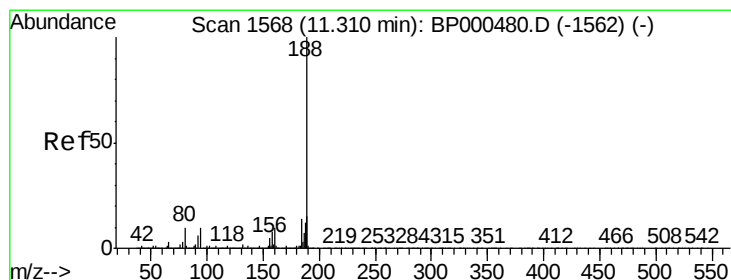
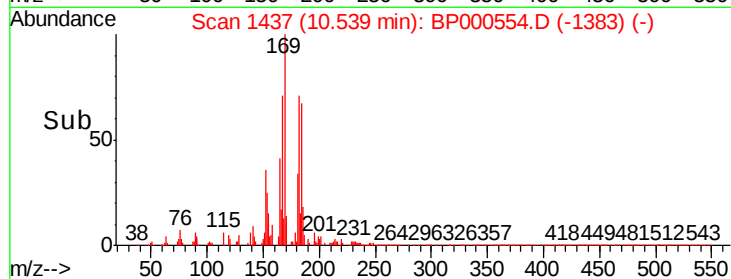
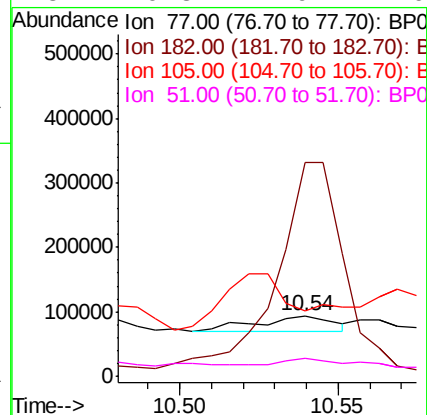
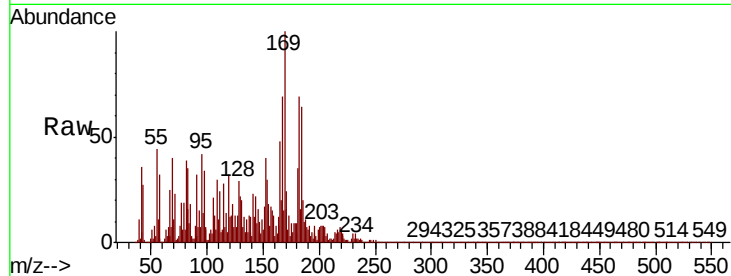




#63
Azobenzene
Concen: 2.495 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

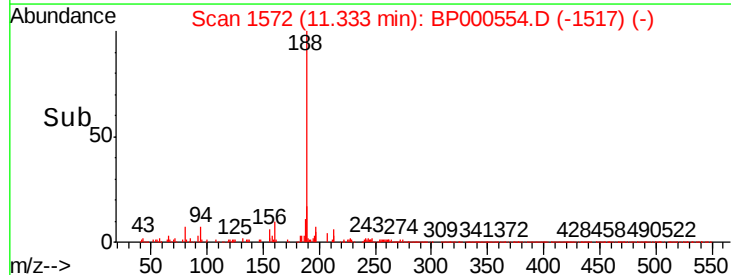
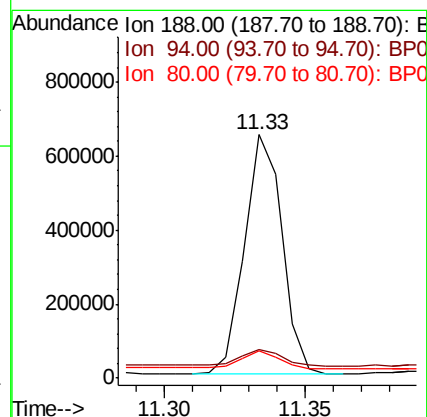
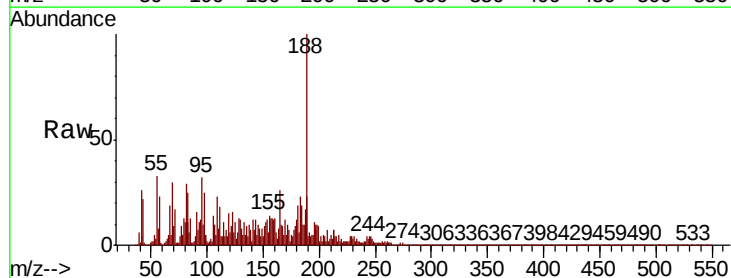
Instrument :
BNA_P
ClientSampled :

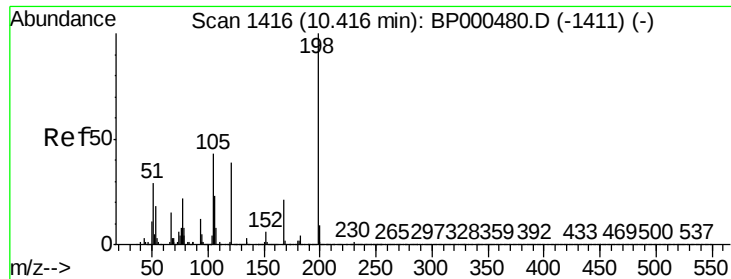
Tot Ion	Ratio	Lower	Upper
77	100		
182	352.6	9.0	49.0#
105	107.7	3.8	43.8#
51	29.3	1.9	41.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.02 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.2	12.2
80	11.0	8.3	12.5

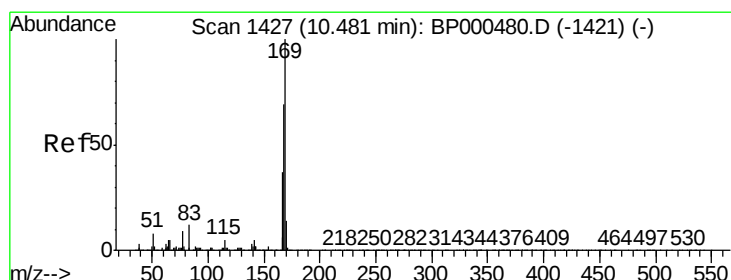
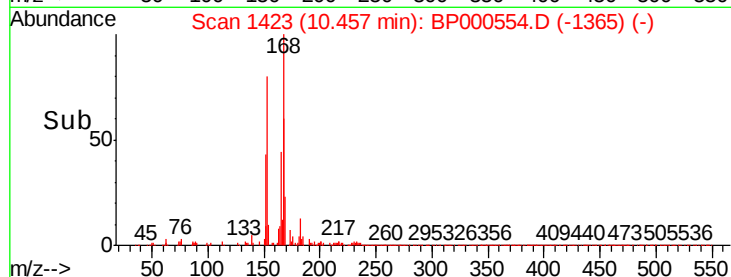
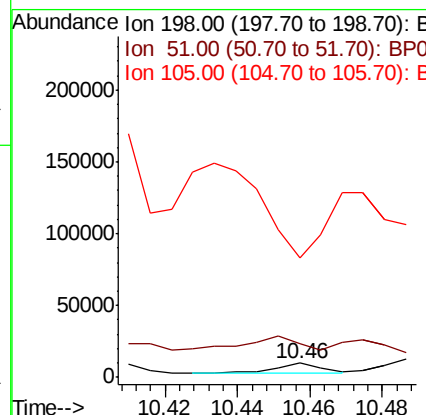
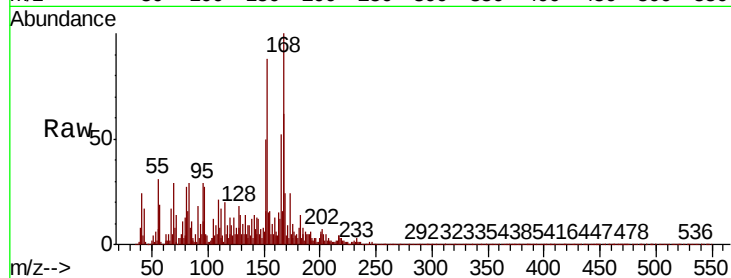




#65
4,6-Dinitro-2-methylphenol
Concen: 2.374 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.04 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

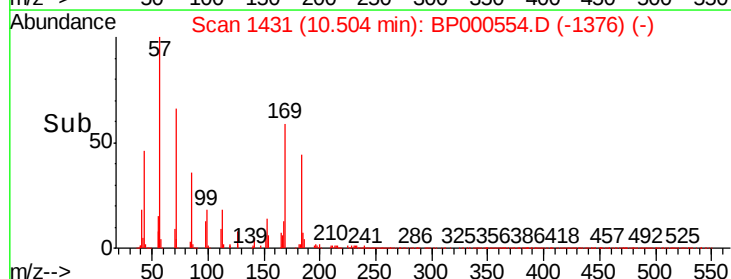
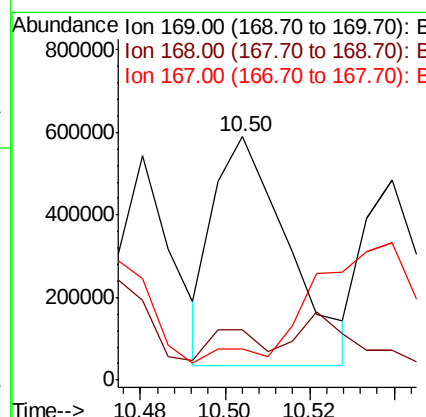
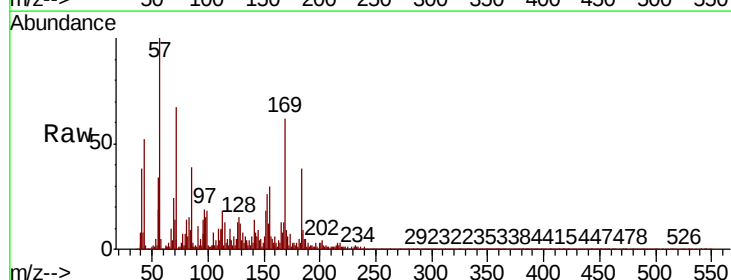
Instrument :
BNA_P
ClientSampleId :

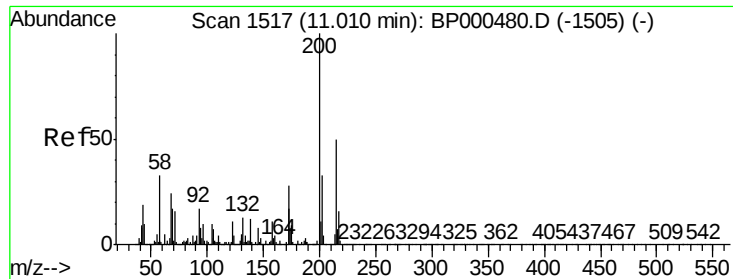
Tot Ion:198 Resp: 6261
Ion Ratio Lower Upper
198 100
51 239.0 12.8 52.8#
105 841.8 24.0 64.0#



#66
n-Nitrosodiphenylamine
Concen: 39.182 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:169 Resp: 678924
Ion Ratio Lower Upper
169 100
168 20.6 55.4 83.2#
167 13.0 29.4 44.2#

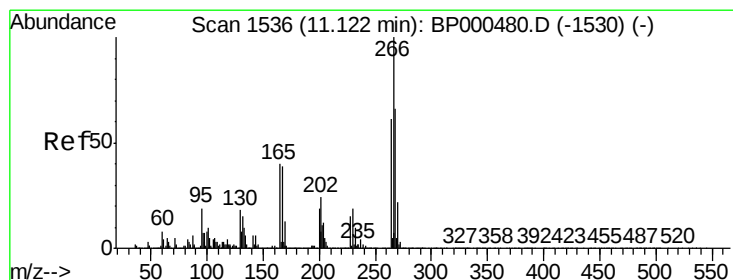
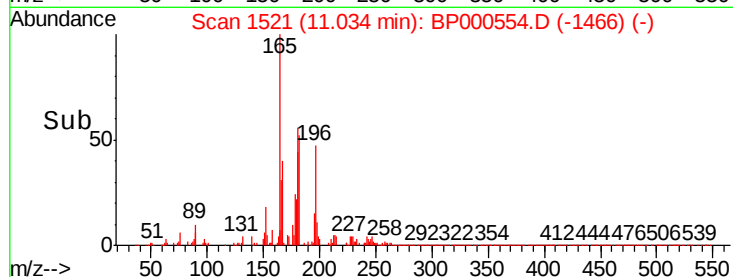
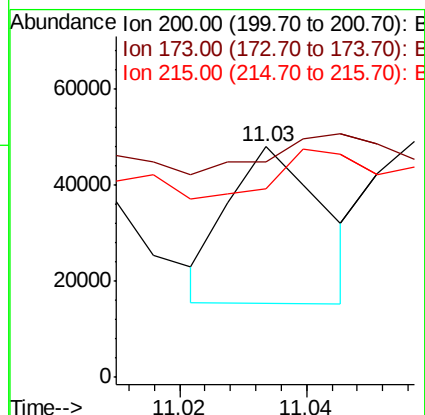
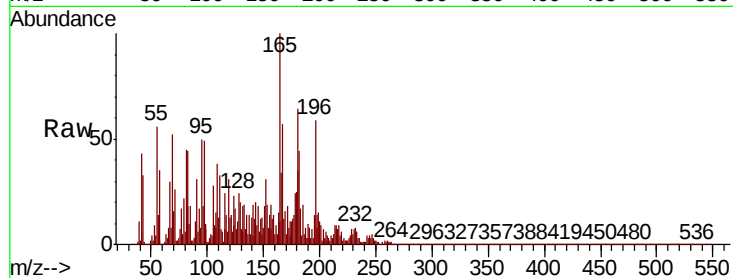




#69
Atrazine
Concen: 5.876 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

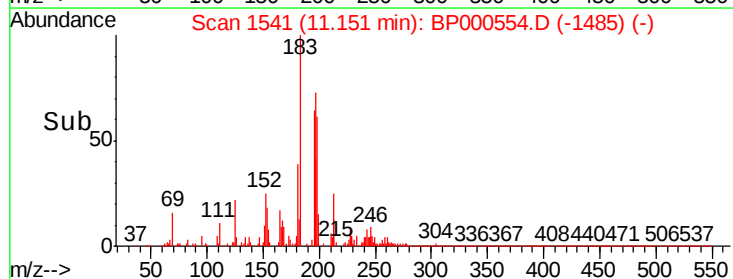
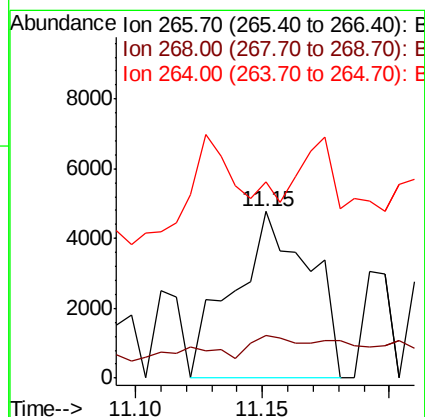
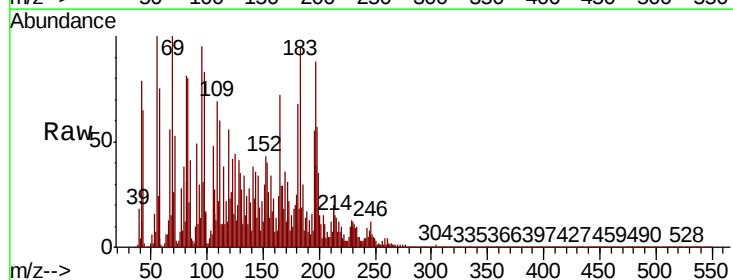
Instrument :
BNA_P
ClientSampleId :

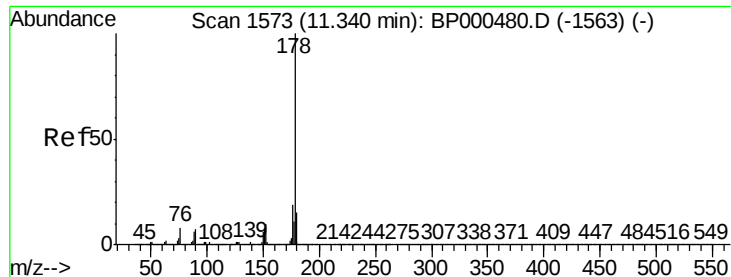
Tot Ion:200 Resp: 33412
Ion Ratio Lower Upper
200 100
173 93.1 7.6 47.6#
215 82.0 29.5 69.5#



#70
Pentachlorophenol
Concen: 3.253 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.03 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:266 Resp: 9943
Ion Ratio Lower Upper
266 100
268 25.3 53.2 79.8#
264 117.7 49.0 73.4#





#71

Phenanthrene

Concen: 33.411 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampleId :

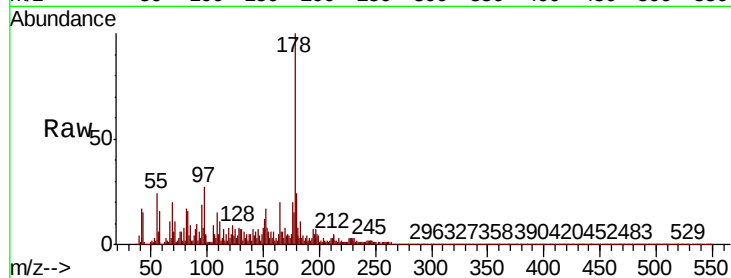
Tot Ion:178 Resp: 998282

Ion Ratio Lower Upper

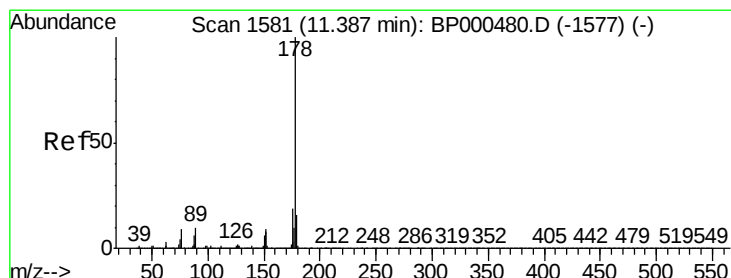
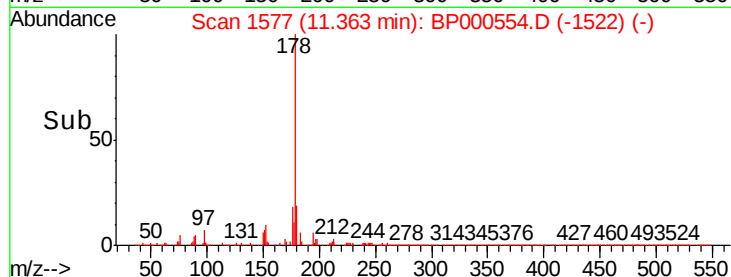
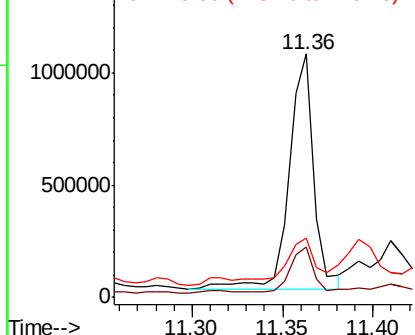
178 100

176 20.5 15.4 23.2

179 24.2 12.2 18.4#



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



#72

Anthracene

Concen: 6.243 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

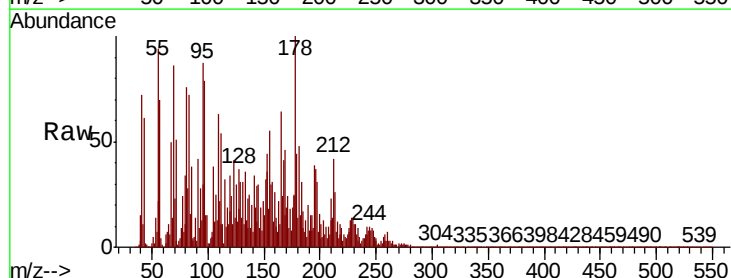
Tgt Ion:178 Resp: 184941

Ion Ratio Lower Upper

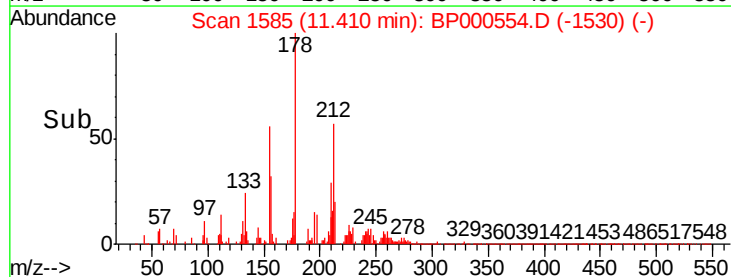
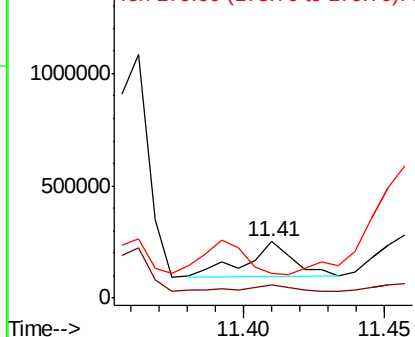
178 100

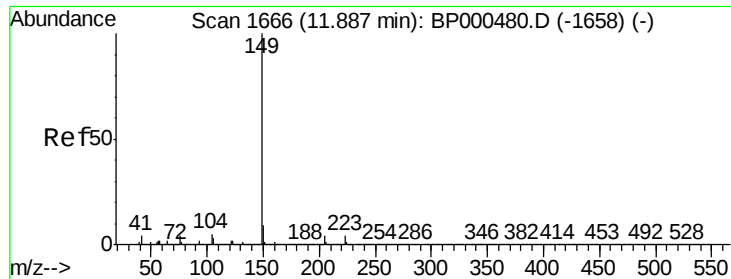
176 24.0 15.4 23.0#

179 44.4 12.6 19.0#



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





#74

Di-n-butylphthalate

Concen: 3.221 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.02 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampleId :

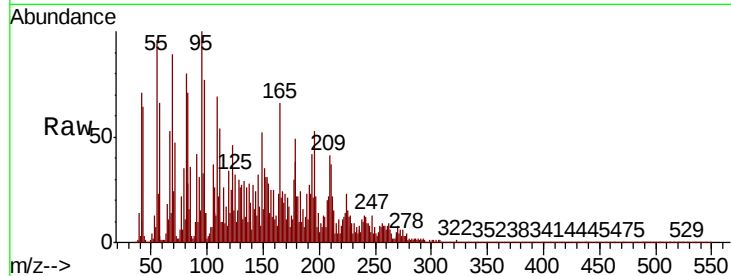
Tot Ion:149 Resp: 107754

Ion Ratio Lower Upper

149 100

150 31.5 7.4 11.2#

104 14.0 3.7 5.5#



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

11.90

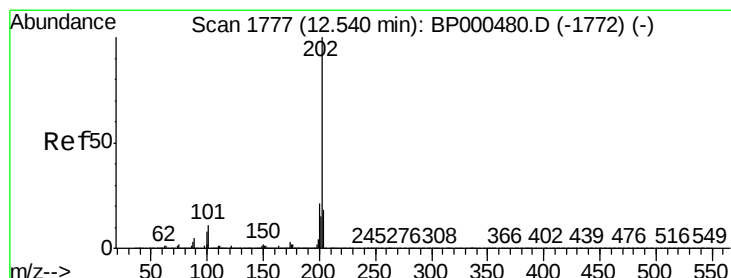
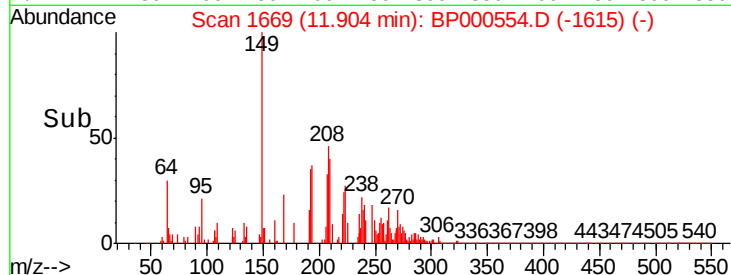
150000

100000

50000

0

Time-->



#75

Fluoranthene

Concen: 9.711 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.03 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

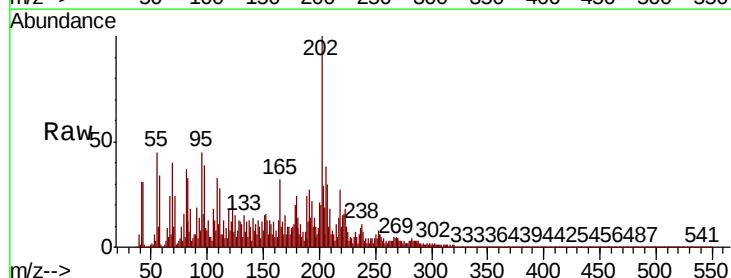
Tgt Ion:202 Resp: 325859

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.3

203 29.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.57

500000

400000

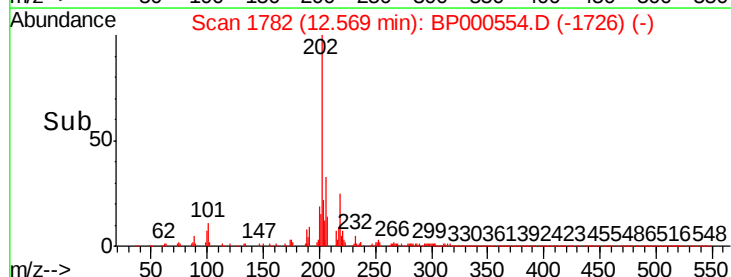
300000

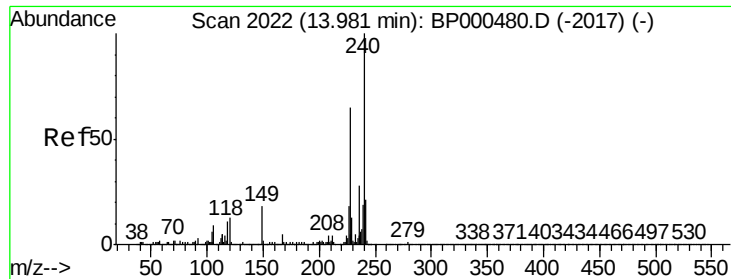
200000

100000

0

Time-->

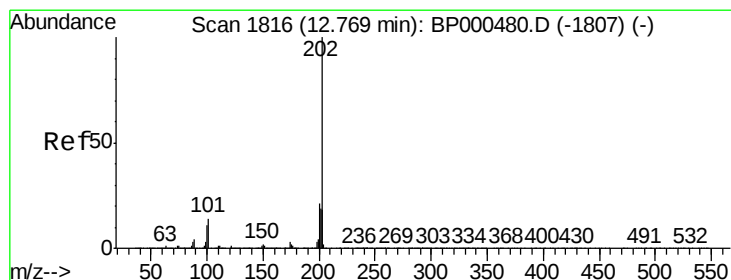
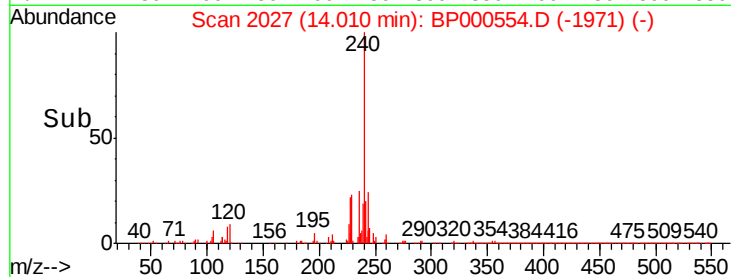
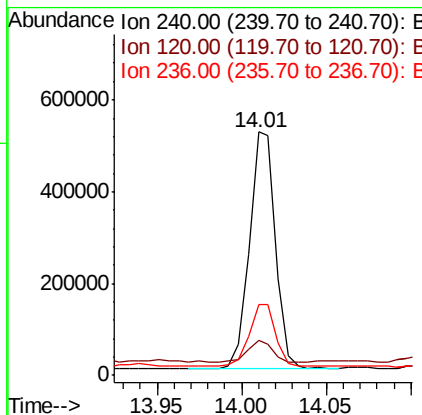
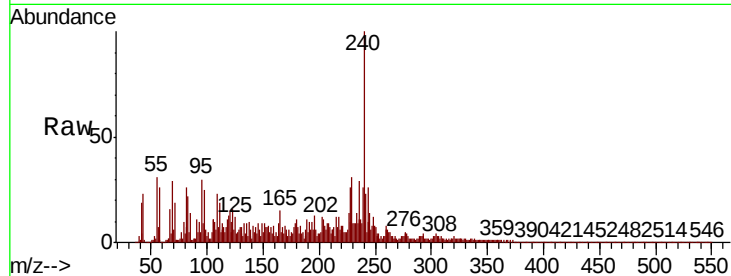




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.03 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

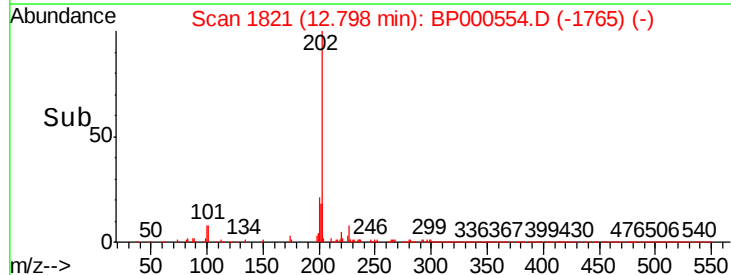
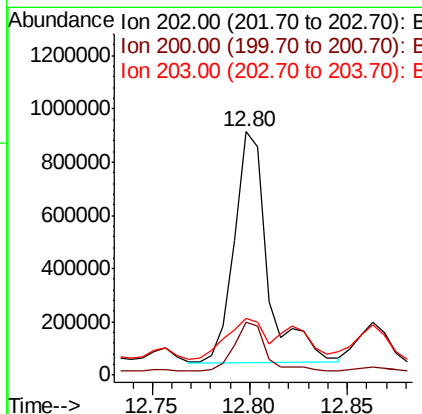
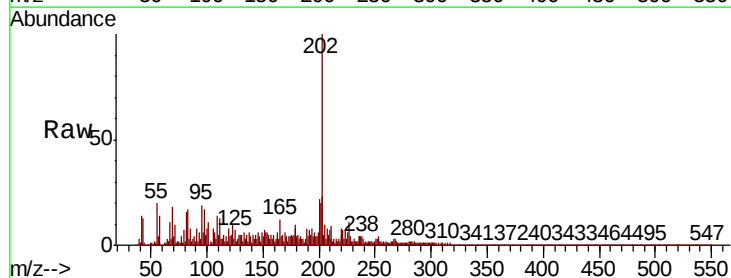
Instrument :
BNA_P
ClientSampleId :

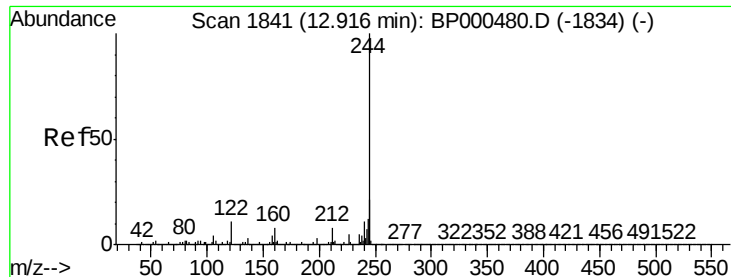
Tot Ion:240 Resp: 556516
Ion Ratio Lower Upper
240 100
120 14.6 10.1 15.1
236 29.2 22.7 34.1



#78
Pyrene
Concen: 27.018 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.03 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion:202 Resp: 1037011
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 23.3 14.6 21.8#

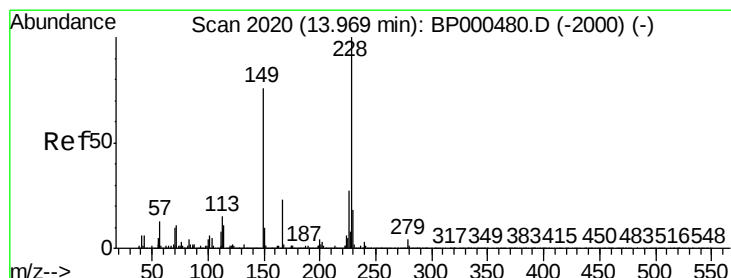
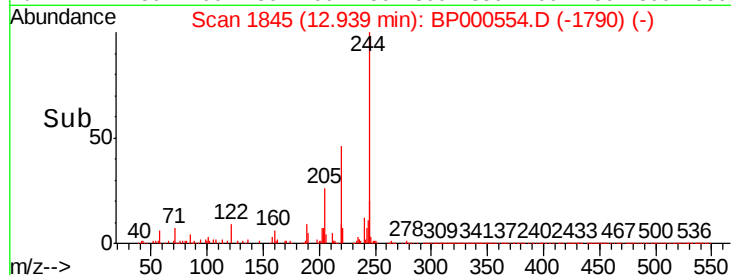
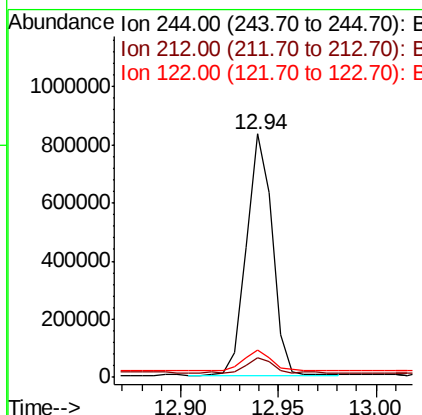
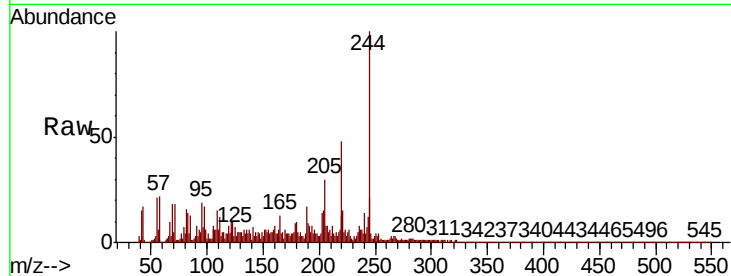




#79
 Terphenyl-d14
 Concen: 27.458 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.02 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

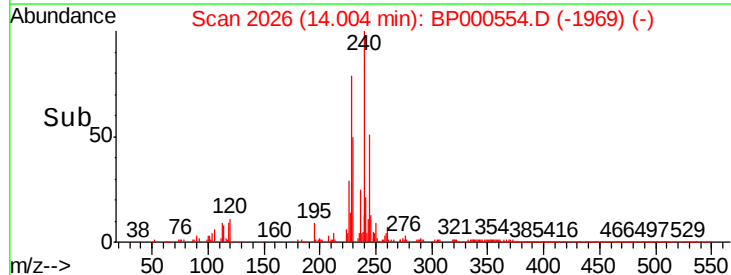
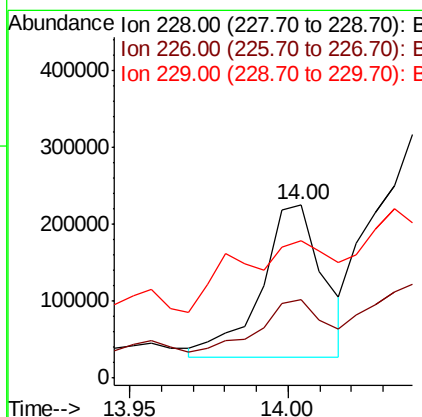
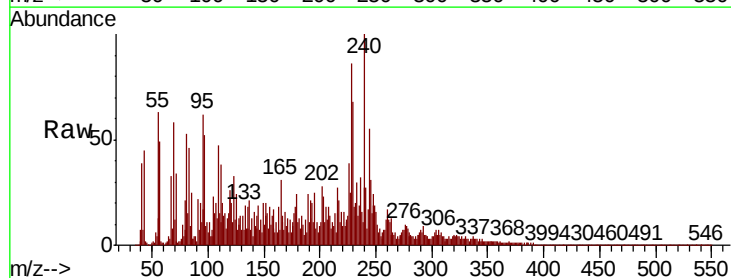
Instrument :
 BNA_P
 ClientSampled :

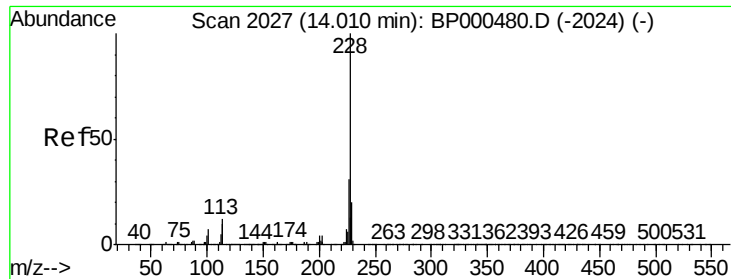
Tot Ion:244 Resp: 754719
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 11.3 8.9 13.3



#81
 Benzo(a)anthracene
 Concen: 7.957 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.03 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

Tgt Ion:228 Resp: 270182
 Ion Ratio Lower Upper
 228 100
 226 45.3 21.4 32.2#
 229 78.7 14.7 22.1#

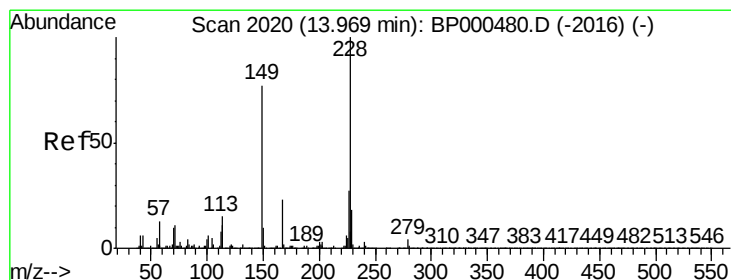
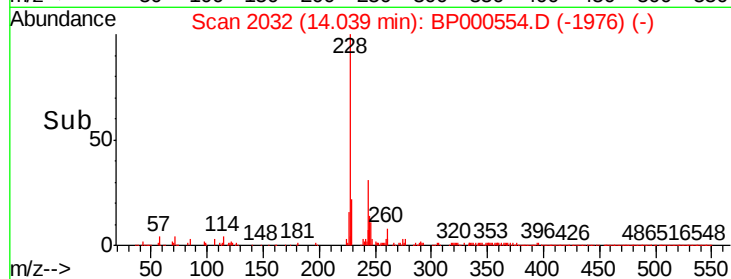
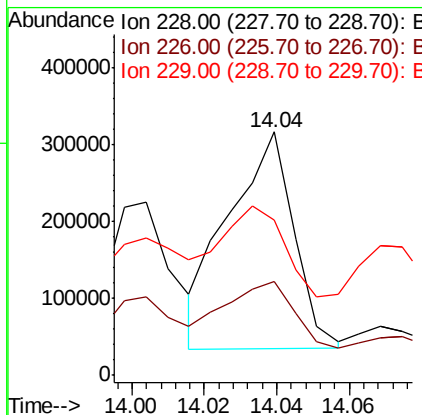
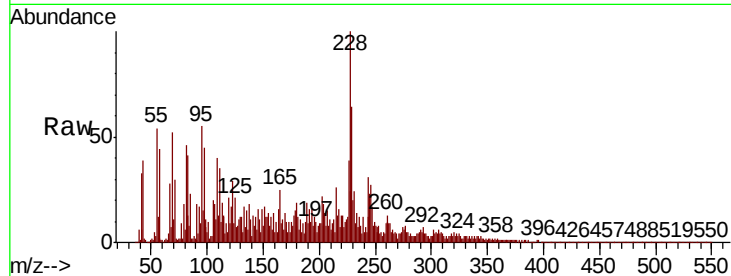




#83
 Chrysene
 Concen: 10.530 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.03 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

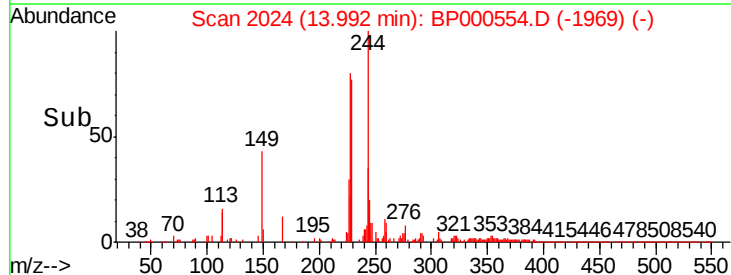
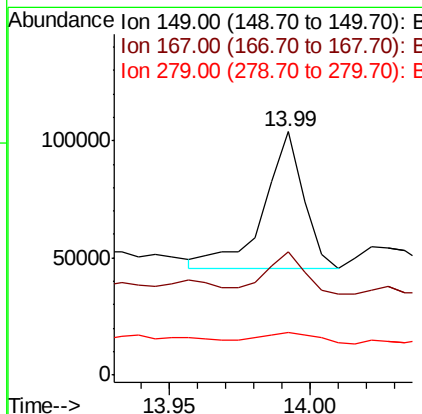
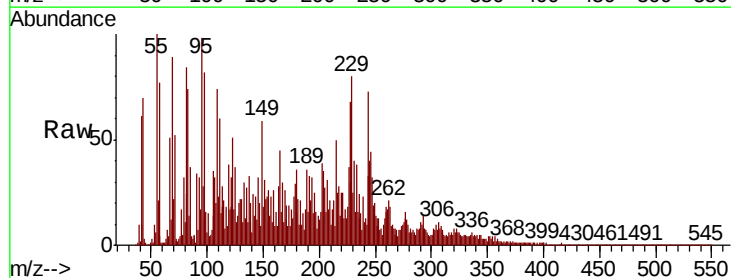
Instrument :
 BNA_P
 ClientSampleId :

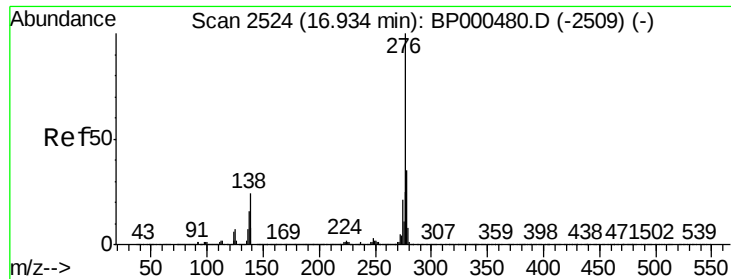
Tot Ion:228 Resp: 350926
 Ion Ratio Lower Upper
 228 100
 226 38.8 24.7 37.1#
 229 64.0 16.3 24.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.695 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

Tgt Ion:149 Resp: 56691
 Ion Ratio Lower Upper
 149 100
 167 50.4 23.6 35.4#
 279 17.6 3.9 5.9#





#86

Indeno(1,2,3-cd)pyrene

Concen: 4.010 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.07 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

Instrument :

BNA_P

ClientSampleId :

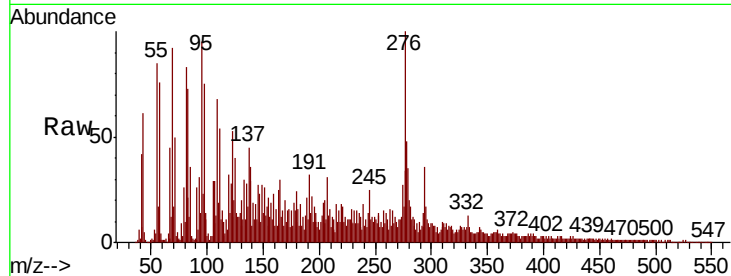
Tot Ion:276 Resp: 166949

Ion Ratio Lower Upper

276 100

138 22.5 20.9 31.3

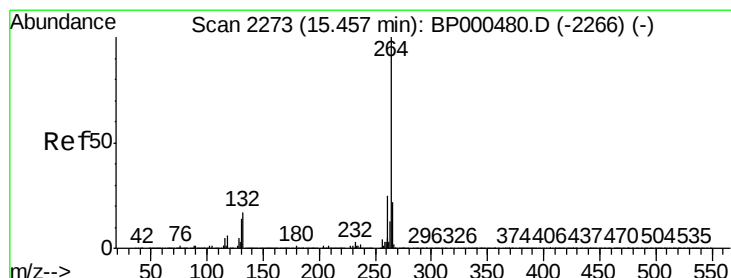
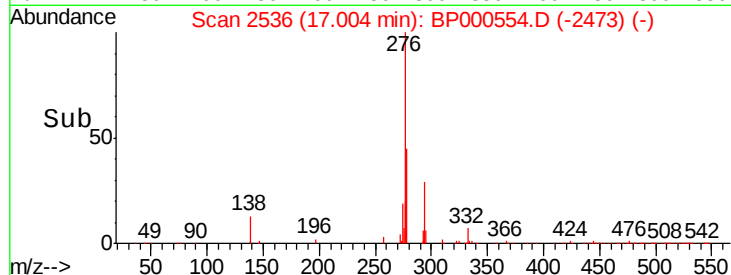
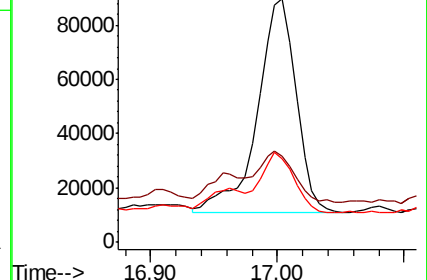
277 24.3 20.6 30.8



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: 15.52 min Scan# 2283

Delta R.T. 0.06 min

Lab File: BP000554.D

Acq: 07 Oct 2019 19:44

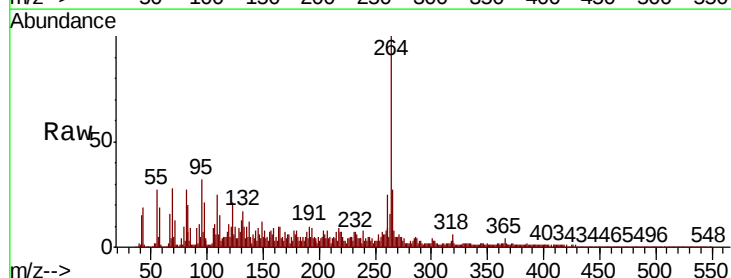
Tgt Ion:264 Resp: 673122

Ion Ratio Lower Upper

264 100

260 25.3 20.3 30.5

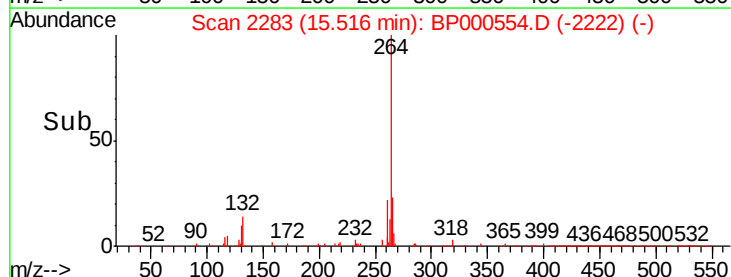
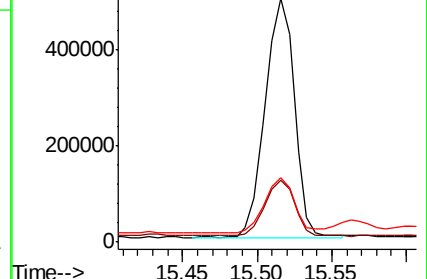
265 26.6 18.0 27.0

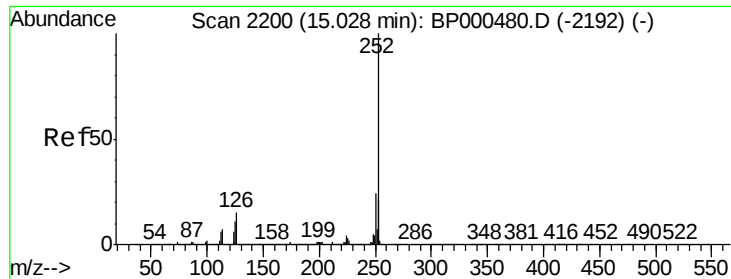


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

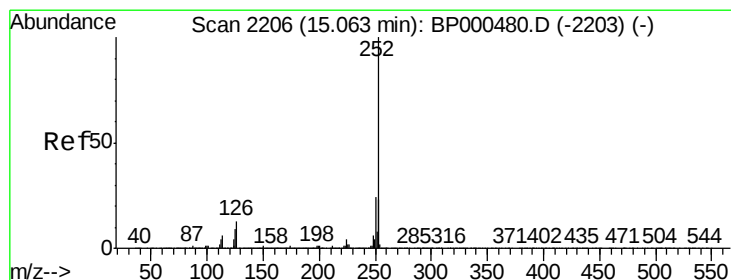
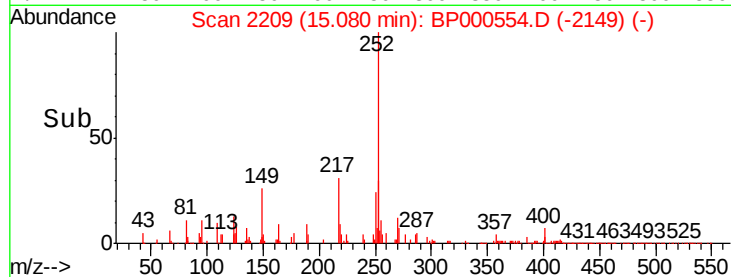
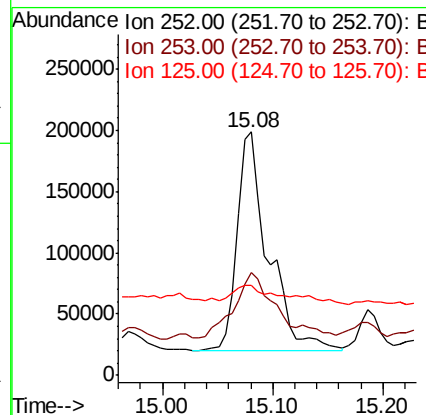
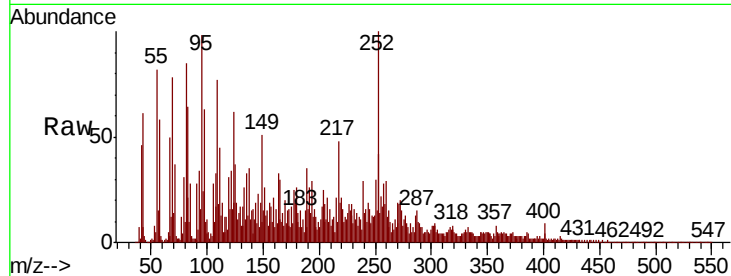




#88
Benzo(b)fluoranthene
Concen: 9.227 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.05 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

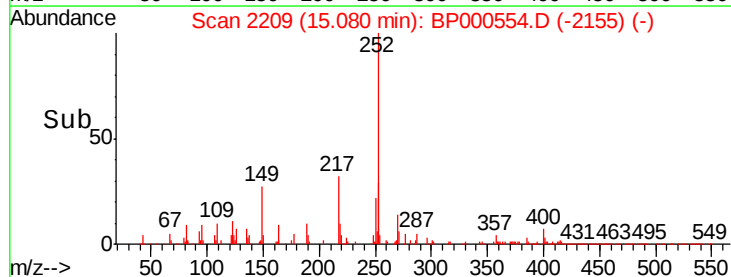
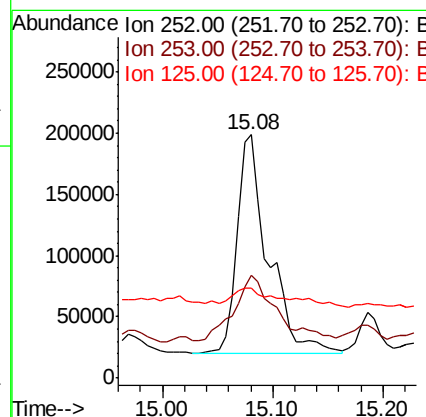
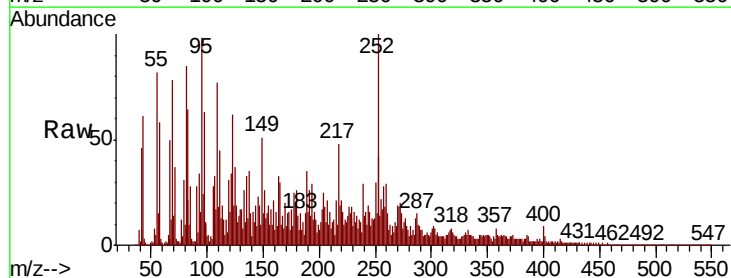
Instrument :
BNA_P
ClientSampled :

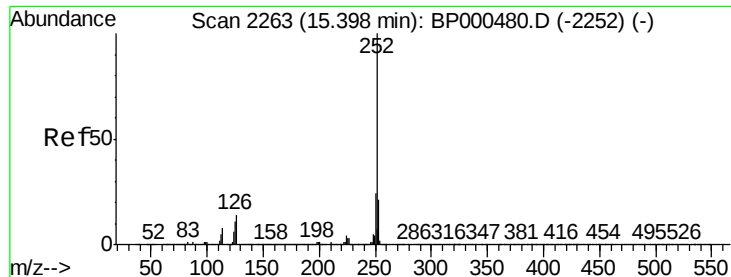
Tot Ion	Ratio	Lower	Upper
252	100		
253	42.4	17.0	25.4#
125	36.9	8.9	13.3#



#89
Benzo(k)fluoranthene
Concen: 9.692 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.02 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.4	18.4	27.6#
125	36.9	7.8	11.8#

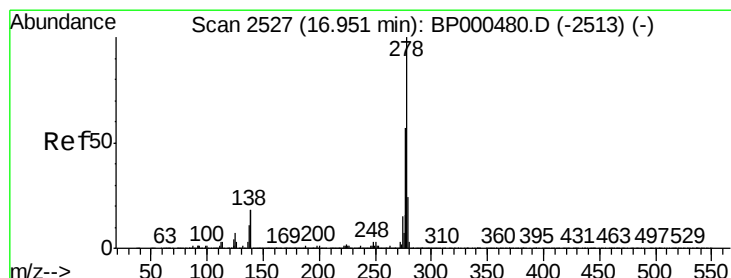
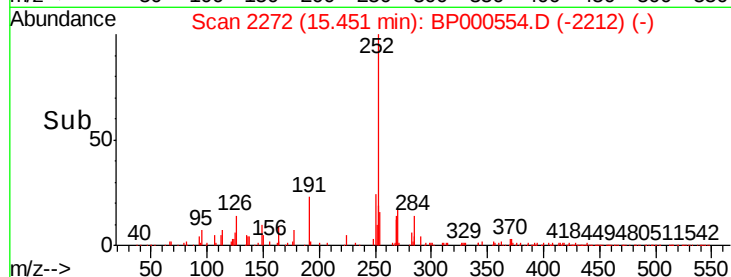
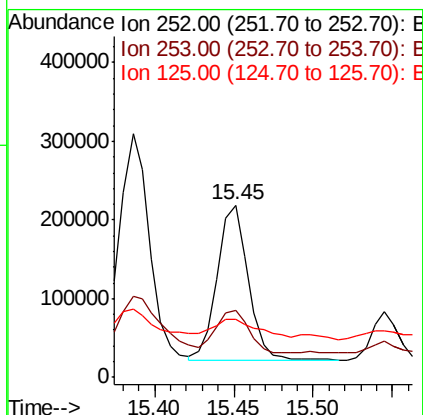
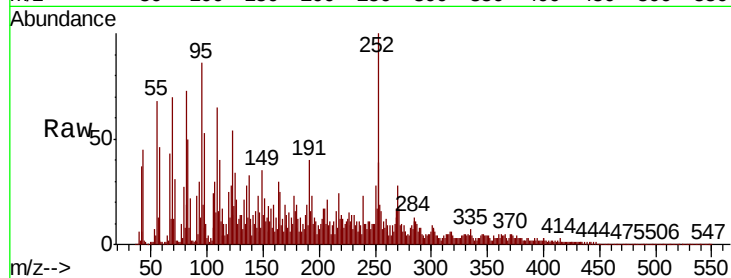




#90
Benzo(a)pyrene
Concen: 7.515 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.05 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

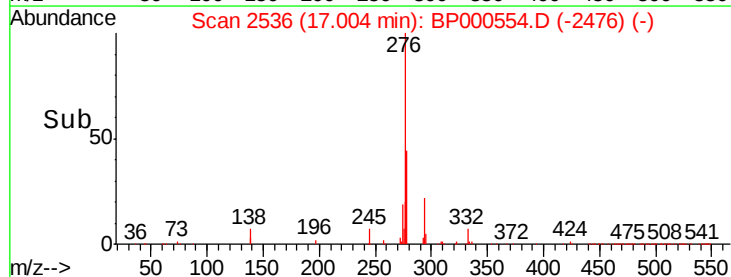
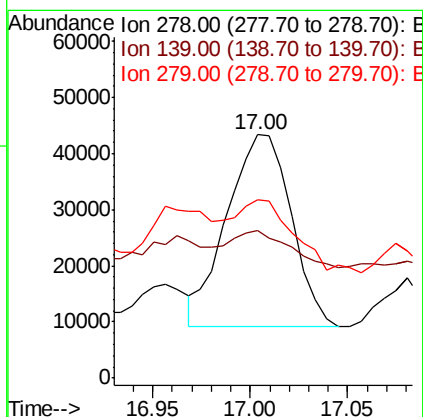
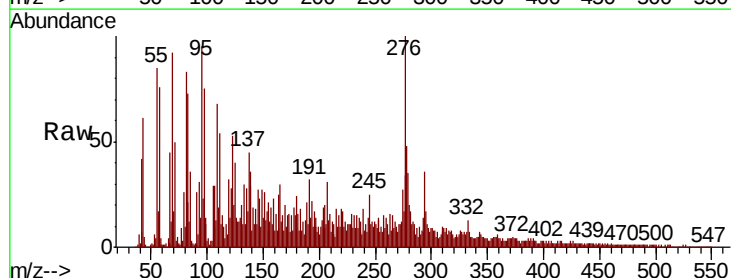
Instrument :
BNA_P
ClientSampleId :

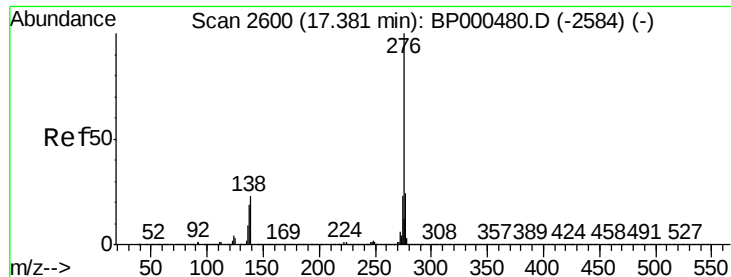
Tot Ion	Ratio	Lower	Upper
252	100		
253	39.1	17.0	25.6#
125	33.9	8.4	12.6#



#91
Dibenzo(a,h)anthracene
Concen: 2.256 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.05 min
Lab File: BP000554.D
Acq: 07 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	60.6	14.1	21.1#
279	73.0	19.5	29.3#

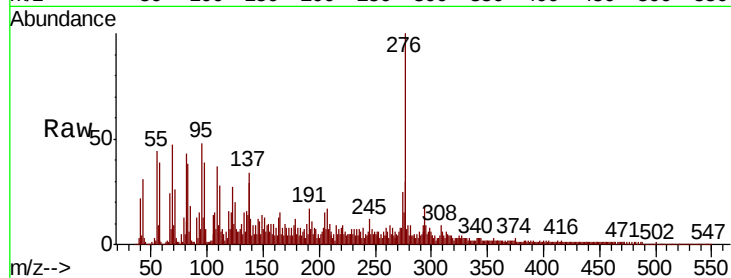




#92
 Benzo(a,h,i)perylene
 Concen: 8.229 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.07 min
 Lab File: BP000554.D
 Acq: 07 Oct 2019 19:44

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.8	19.4	29.2
138	28.7	18.5	27.7



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

