

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000553.D
 Acq On : 07 Oct 2019 19:20
 Operator : JU
 Sample : K5213-06 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 08 06:09:42 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	252497	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	712524	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	251567	20.00	ng	0.02
64) Phenanthrene-d10	11.34	188	530161	20.00	ng	0.03
76) Chrysene-d12	14.02	240	509247	20.00	ng	0.04
87) Perylene-d12	15.52	264	681985	20.00	ng	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	527692	33.59	ng	0.00
7) Phenol-d6	6.40	99	694581	36.69	ng	0.00
23) Nitrobenzene-d5	7.32	82	447565	38.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	128953	48.10	ng	0.02
45) 2-Fluorobiphenyl	9.14	172	475347	30.57	ng	0.00
79) Terphenyl-d14	12.95	244	539715	21.46	ng	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.92	79	24981	2.044	ng	# 61
18) Hexachloroethane	7.30	117	25632	3.809	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	29055	3.330	ng	# 64
24) Nitrobenzene	7.34	77	25467	2.263	ng	# 12
25) Isophorone	7.58	82	223960	10.817	ng	# 1
26) 2-Nitrophenol	7.68	139	28137	4.755	ng	# 1
27) 2,4-Dimethylphenol	7.71	122	109321	12.053	ng	# 1
28) bis(2-Chloroethoxy)methane	7.82	93	45016	3.199	ng	# 1
29) 2,4-Dichlorophenol	7.91	162	27663	2.697	ng	# 11
31) Naphthalene	8.07	128	81432	2.447	ng	# 25
32) Benzoic acid	7.85	122	79052	13.803	ng	# 37
35) Caprolactam	8.46	113	16831	4.900	ng	# 1
36) 4-Chloro-3-methylphenol	8.59	107	102000	10.155	ng	# 21
37) 2-Methylnaphthalene	8.77	142	47220	2.114	ng	# 1
38) 1-Methylnaphthalene	8.87	142	280226	13.276	ng	# 90
41) Hexachlorocyclopentadiene	8.94	237	75	7.318	ng	# 77
43) 2,4,6-Trichlorophenol	9.06	196	29304	5.979	ng	# 13
44) 2,4,5-Trichlorophenol	9.12	196	13085	2.586	ng	# 1
48) 2-Nitroaniline	9.36	65	14321	4.029	ng	# 67
49) Acenaphthylene	9.69	152	188436	8.506	ng	# 1
51) 2,6-Dinitrotoluene	9.61	165	83465	21.896	ng	# 72
52) Acenaphthene	9.87	154	135051	10.050	ng	# 84
53) 3-Nitroaniline	9.79	138	106647	24.417	ng	# 17
54) 2,4-Dinitrophenol	9.89	184	3264	2.566	ng	# 1
55) Dibenzofuran	10.04	168	78470	3.906	ng	# 1
56) 4-Nitrophenol	9.95	139	84722	30.382	ng	# 1
57) 2,4-Dinitrotoluene	10.05	165	52145	10.317	ng	# 62
58) Fluorene	10.39	166	202115	14.117	ng	# 71
60) Diethylphthalate	10.28	149	45686	2.753	ng	# 8
62) 4-Nitroaniline	10.26	138	53753	12.796	ng	# 83
63) Azobenzene	10.56	77	26852	2.108	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.46	198	13141	5.592	ng	# 1
66) n-Nitrosodiphenylamine	10.51	169	1020363	66.081	ng	# 39
69) Atrazine	11.01	200	21934	4.329	ng	# 1

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 ALS Vial : 19 Sample Multiplier: 1

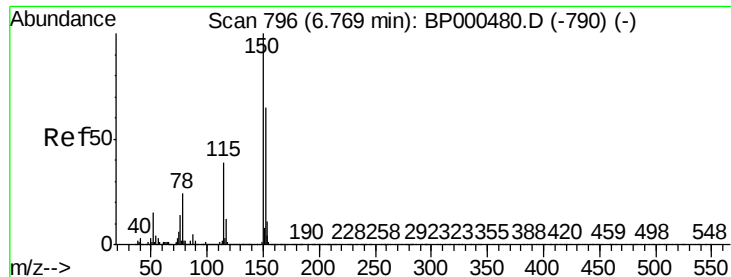
Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 08 06:09:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

71) Phenanthrene	11.36	178	264075	9.918	nq	# 56
72) Anthracene	11.42	178	338081	12.806	nq	# 69
74) Di-n-butylphthalate	11.90	149	155756	5.225	nq	# 33
75) Fluoranthene	12.57	202	564987	18.893	nq	89
78) Pyrene	12.81	202	1977657	56.307	nq	97
81) Benzo(a)anthracene	14.00	228	599737	19.302	nq	# 38
83) Chrysene	14.05	228	742283	24.340	nq	# 58
86) Indeno(1,2,3-cd)pyrene	17.01	276	329115	8.639	nq	96
88) Benzo(b)fluoranthene	15.08	252	799220	20.657	nq	# 79
89) Benzo(k)fluoranthene	15.08	252	799220	21.697	nq	# 81
90) Benzo(a)pyrene	15.46	252	649221	18.000	nq	# 72
91) Dibenzo(a,h)anthracene	17.02	278	232592	6.649	nq	# 38
92) Benzo(a,h,i)perylene	17.46	276	544117	15.308	nq	# 91

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

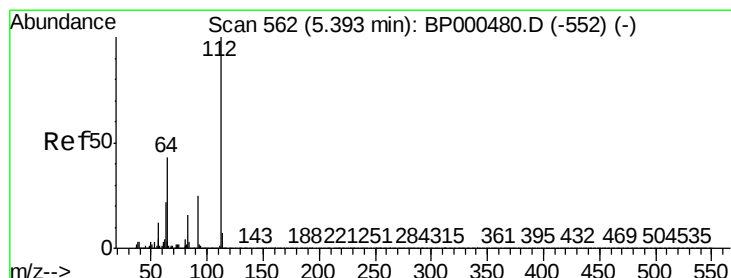
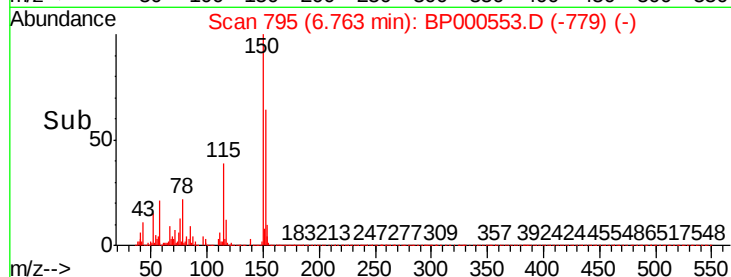
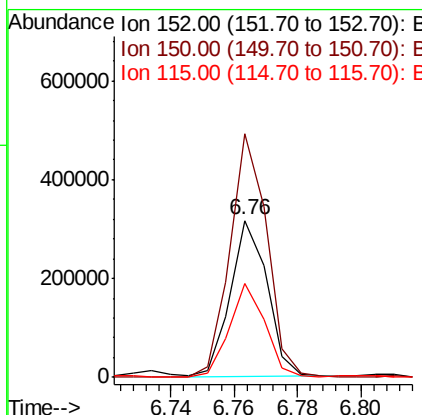
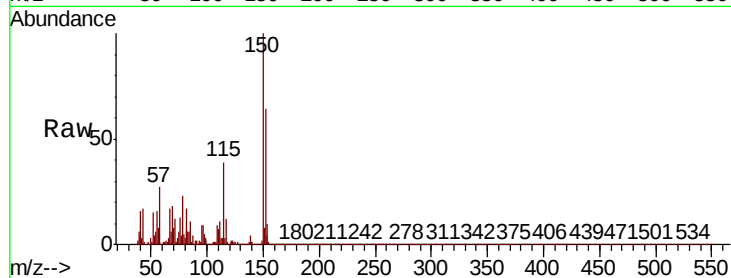


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Instrument :
BNA_P
ClientSampleId :

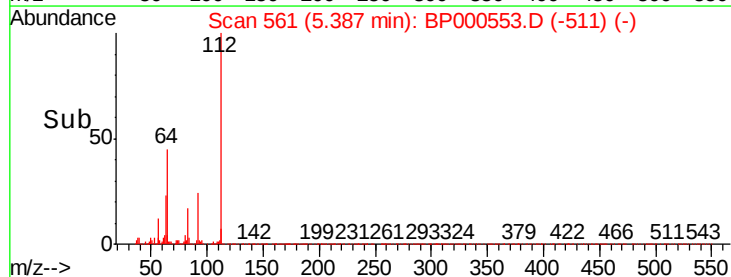
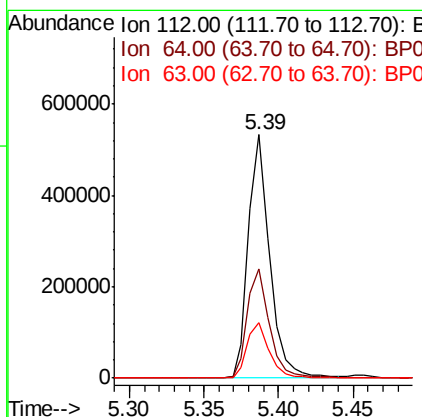
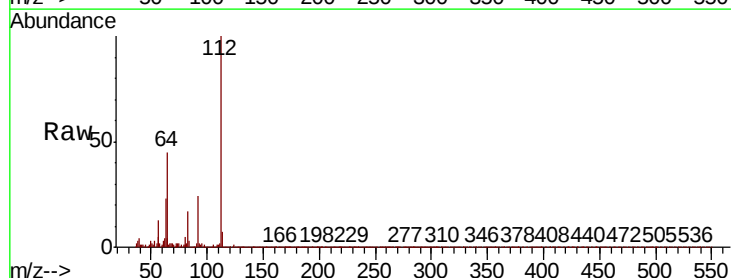
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	60.0	48.7	73.1

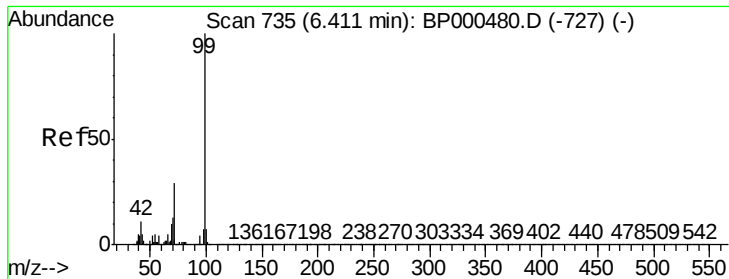


#5

2-Fluorophenol
Concen: 33.594 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	22.7	17.9	26.9





#7

Phenol-d6

Concen: 36.694 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

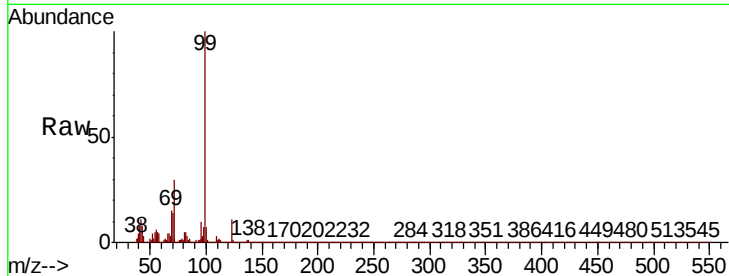
Tot Ion: 99 Resp: 694581

Ion Ratio Lower Upper

99 100

42 11.3 8.6 12.8

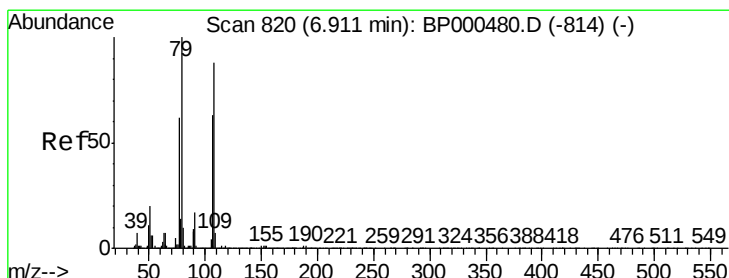
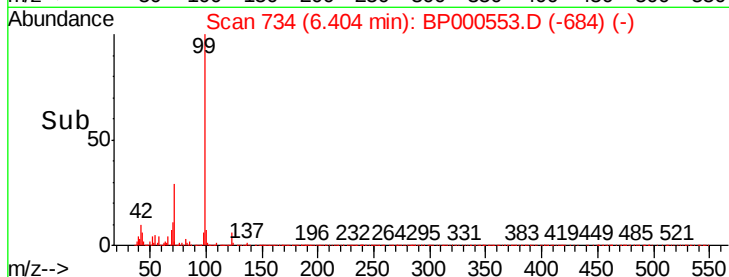
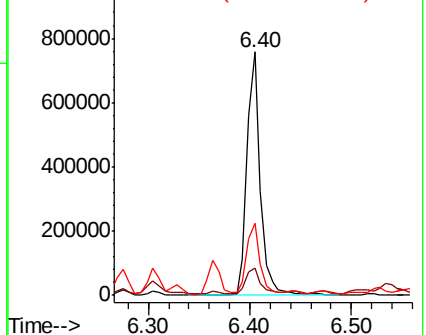
71 29.8 23.0 34.4



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



#15

Benzyl Alcohol

Concen: 2.044 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

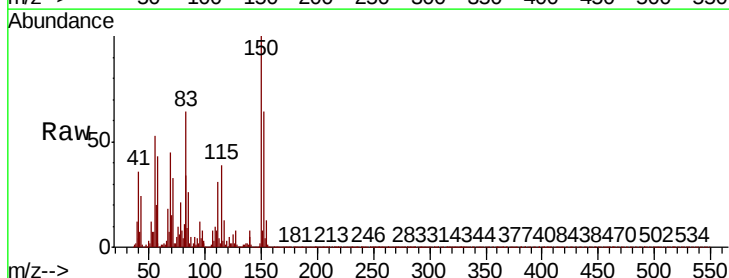
Tgt Ion: 79 Resp: 24981

Ion Ratio Lower Upper

79 100

108 38.8 70.8 106.2#

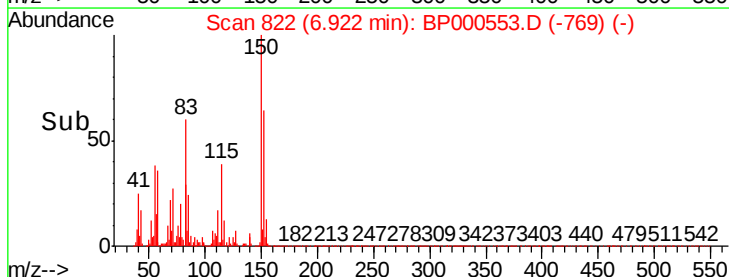
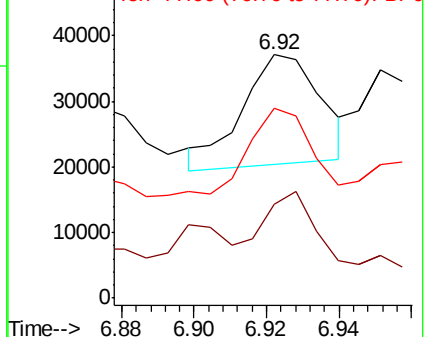
77 77.8 50.0 75.0#

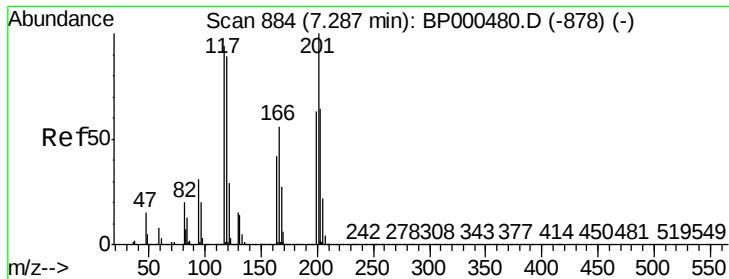


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

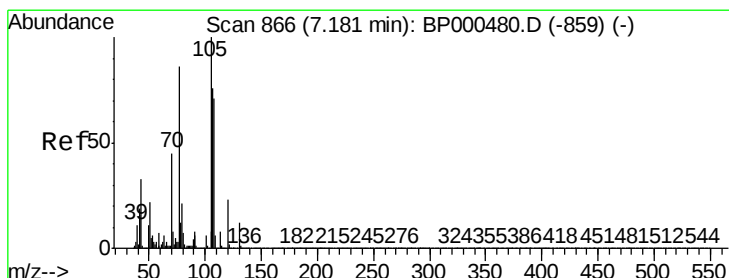
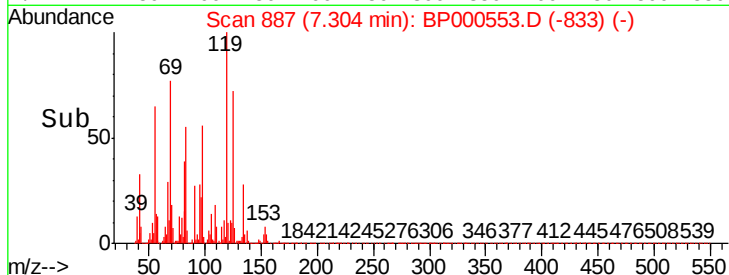
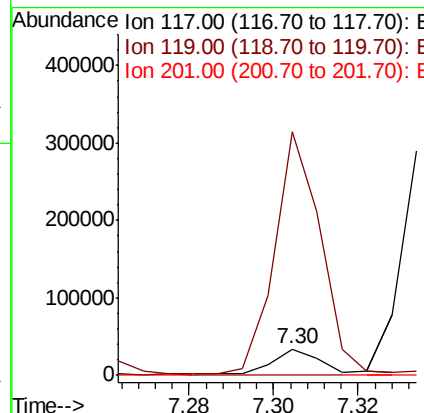
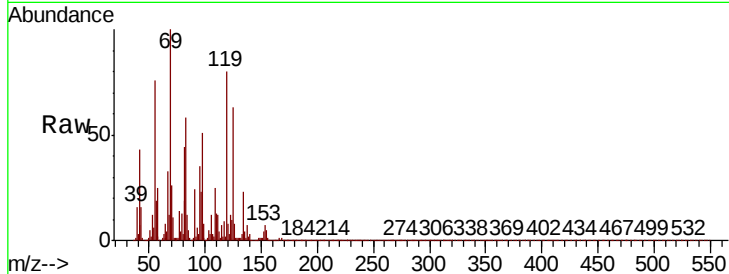




#18
Hexachloroethane
Concen: 3.809 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

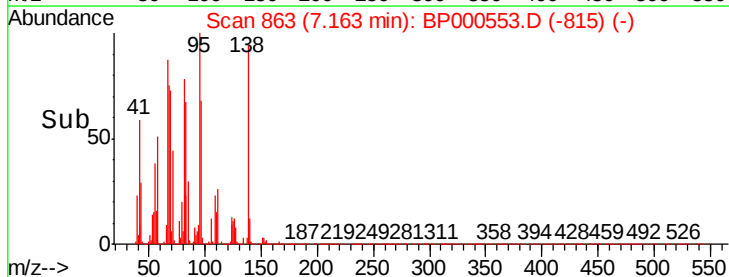
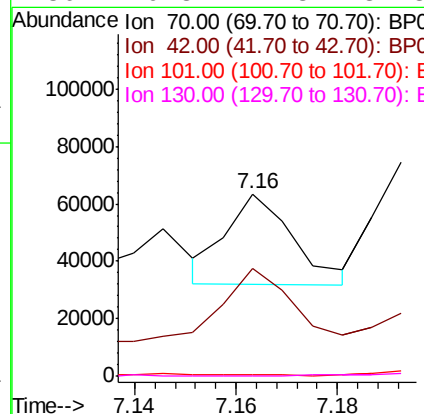
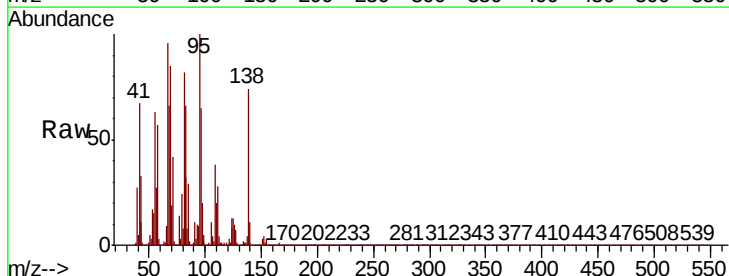
Instrument :
BNA_P
ClientSampleId :

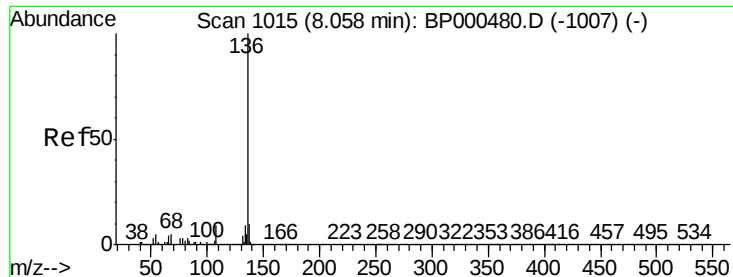
Tot Ion:117 Resp: 25632
Ion Ratio Lower Upper
117 100
119 914.7 76.3 114.5#
201 0.0 85.4 128.0#



#19
n-Nitroso-di-n-propylamine
Concen: 3.330 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion: 70 Resp: 29055
Ion Ratio Lower Upper
70 100
42 59.0 33.2 49.8#
101 0.6 9.9 14.9#
130 0.3 21.8 32.8#

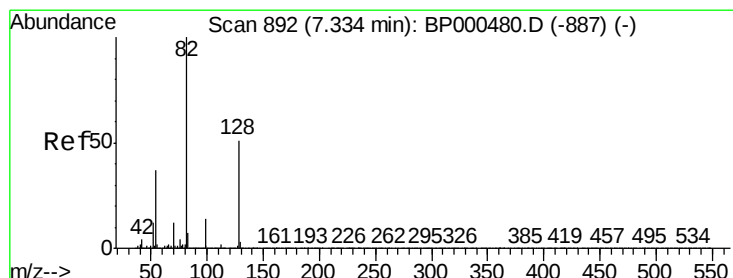
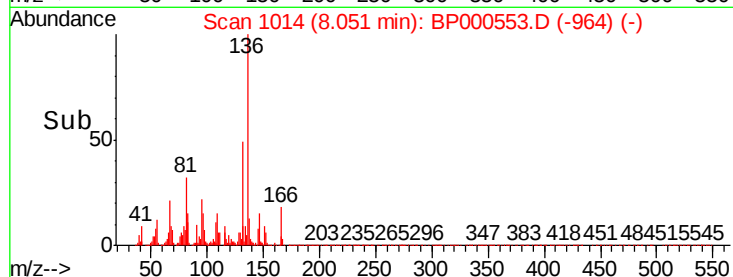
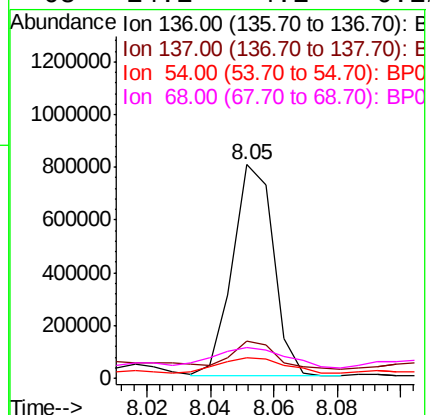
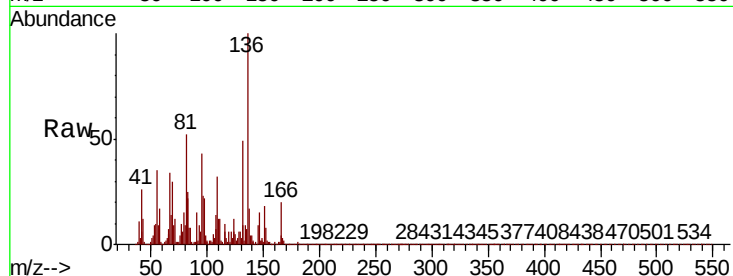




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

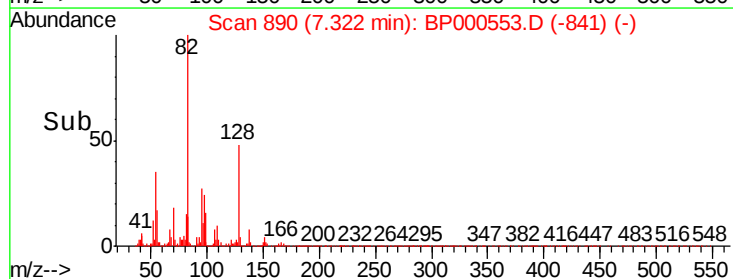
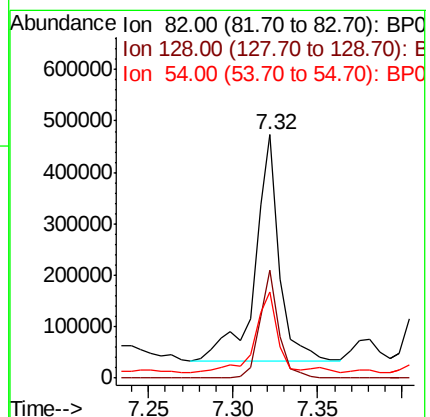
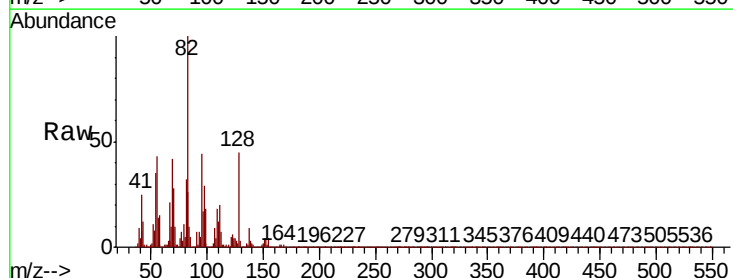
Instrument :
BNA_P
ClientSampleId :

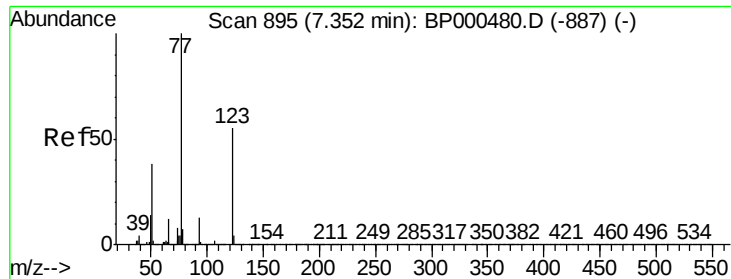
Tot Ion:136	Resp:	712524
Ion Ratio	Lower	Upper
136	100	
137	17.3	8.2 12.4#
54	9.7	4.1 6.1#
68	14.1	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 38.364 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion: 82	Resp:	447565
Ion Ratio	Lower	Upper
82	100	
128	44.6	40.9 61.3
54	35.4	29.4 44.2

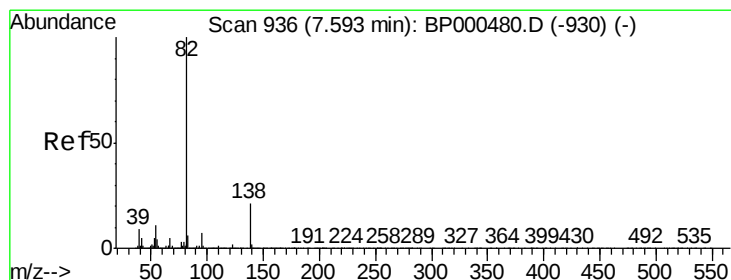
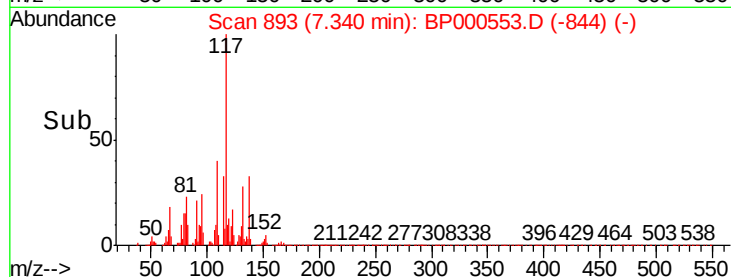
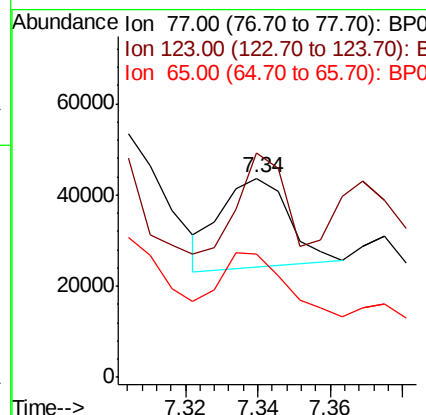
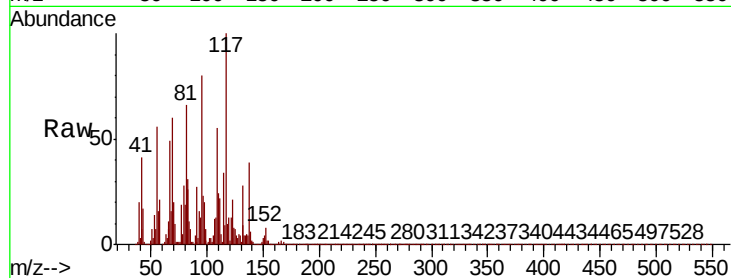




#24
 Nitrobenzene
 Concen: 2.263 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BP000553.D
 Acq: 07 Oct 2019 19:20

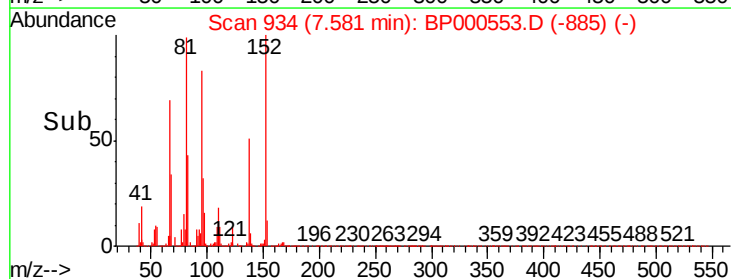
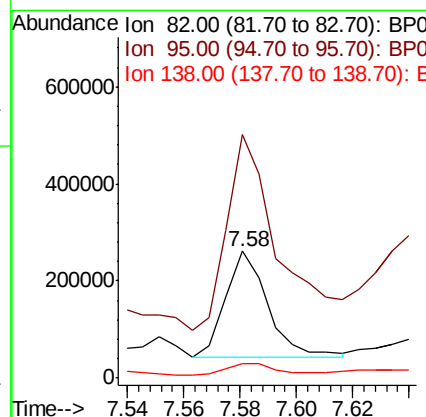
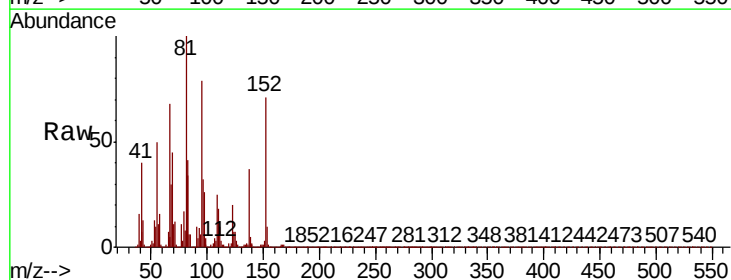
Instrument :
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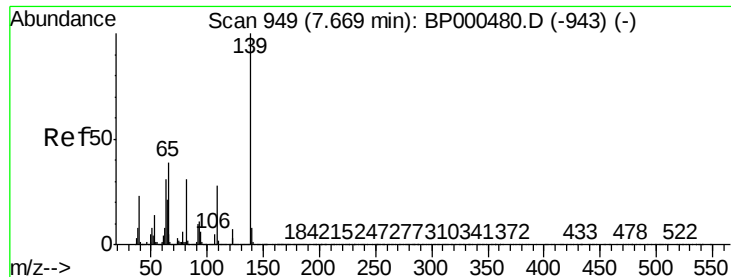
Tot Ion: 77 Resp: 25467
 Ion Ratio Lower Upper
 77 100
 123 112.9 44.1 66.1#
 65 61.6 9.7 14.5#



#25
 Isophorone
 Concen: 10.817 ng
 RT: 7.58 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BP000553.D
 Acq: 07 Oct 2019 19:20

Tgt Ion: 82 Resp: 223960
 Ion Ratio Lower Upper
 82 100
 95 192.2 5.8 8.6#
 138 11.8 17.0 25.4#

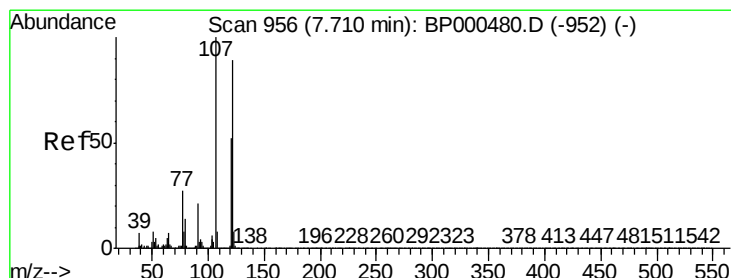
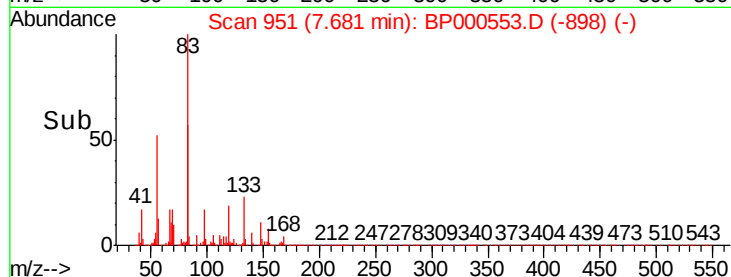
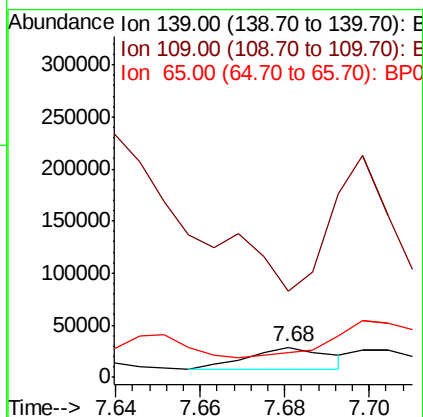
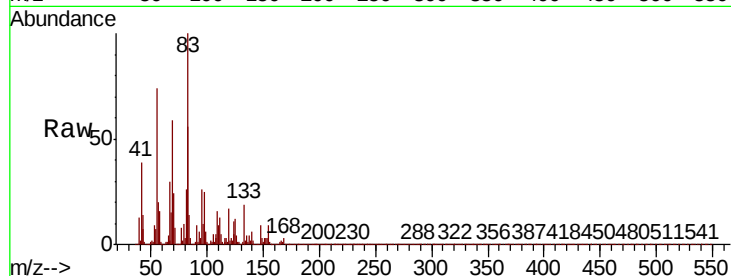




#26
2-Nitrophenol
Concen: 4.755 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

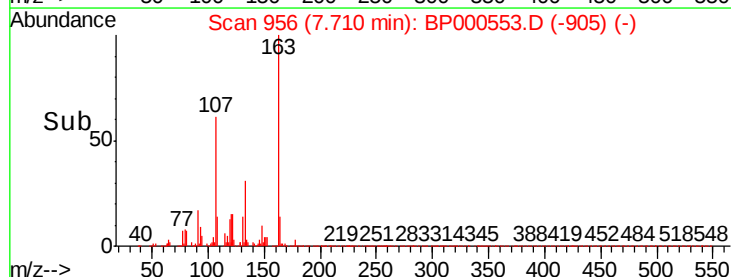
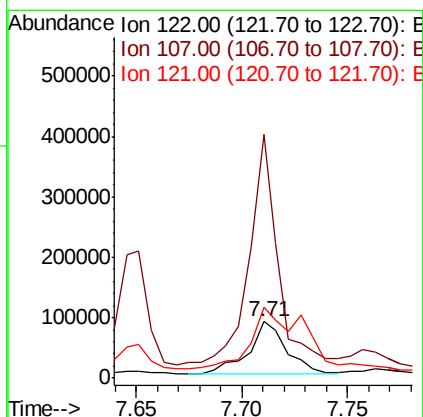
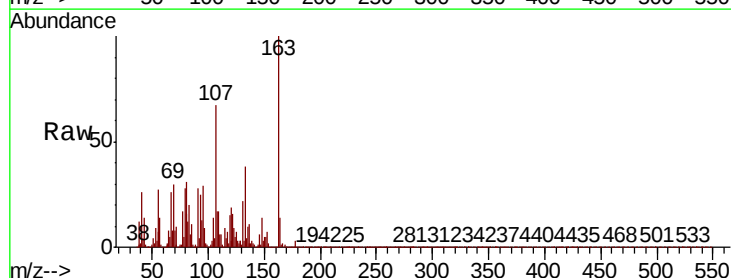
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BNA_P
ClientSampleId :

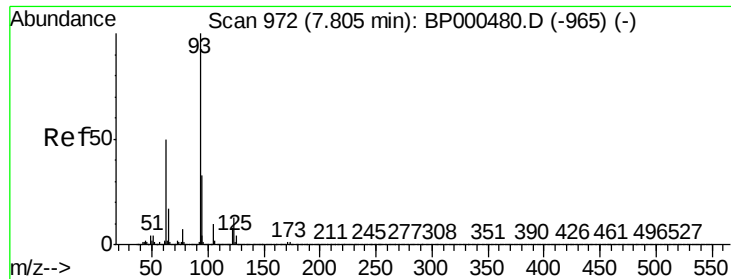
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Ion Ratio Lower Upper
139 100
109 288.8 22.8 34.2#
65 81.3 31.5 47.3#



#27
2,4-Dimethylphenol
Concen: 12.053 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:122 Resp: 109321
Ion Ratio Lower Upper
122 100
107 430.0 89.9 134.9#
121 124.0 46.6 70.0#

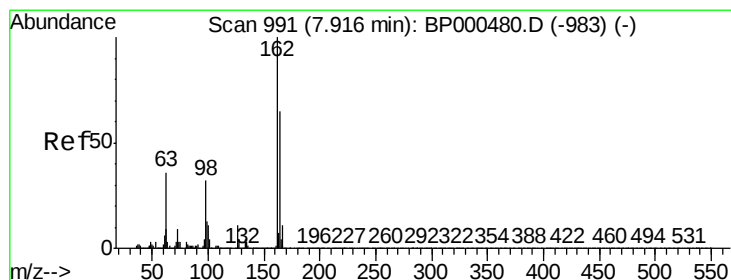
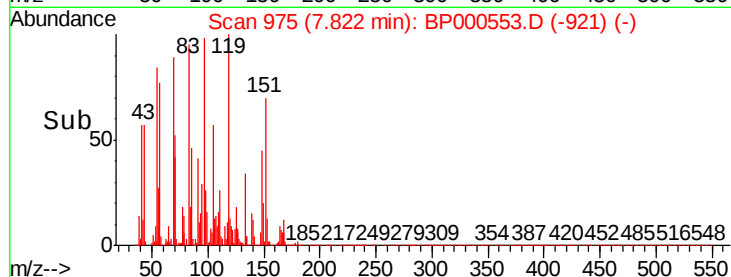
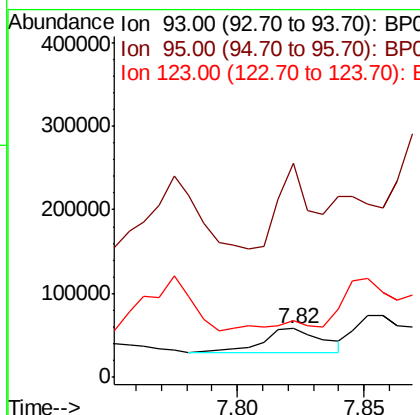
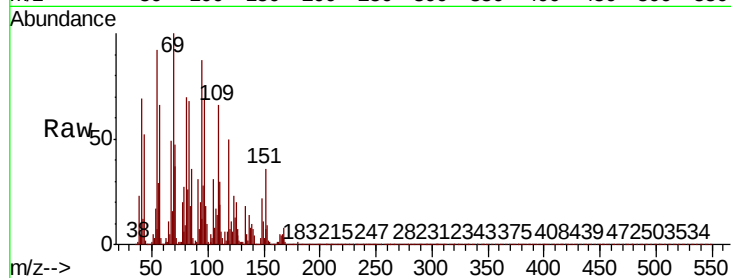




#28
bis(2-Chloroethoxy)methane
Concen: 3.199 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

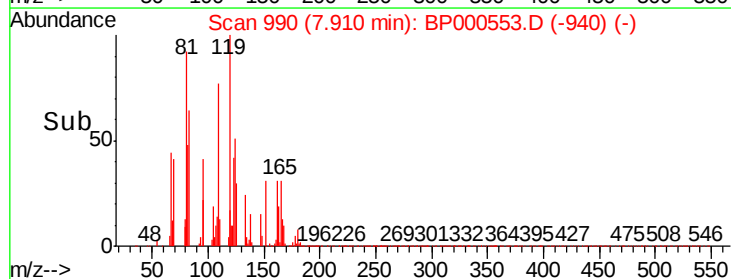
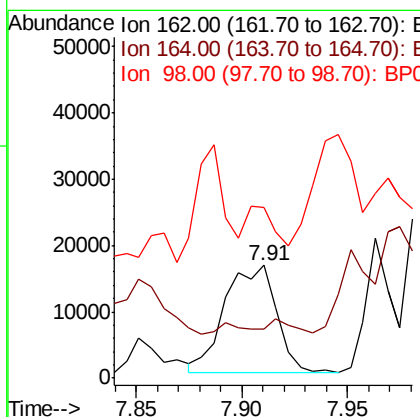
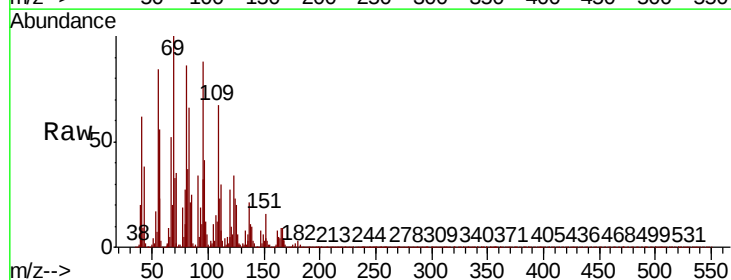
Instrument :
BNA_P
ClientSampleId :

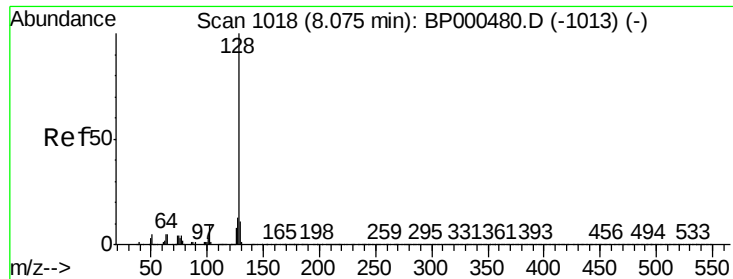
Tot Ion	Ratio	Lower	Upper
93	100		
95	442.4	26.2	39.2#
123	116.5	10.2	15.2#



#29
2,4-Dichlorophenol
Concen: 2.697 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion	Ratio	Lower	Upper
162	100		
164	43.7	44.6	84.6#
98	152.1	11.6	51.6#

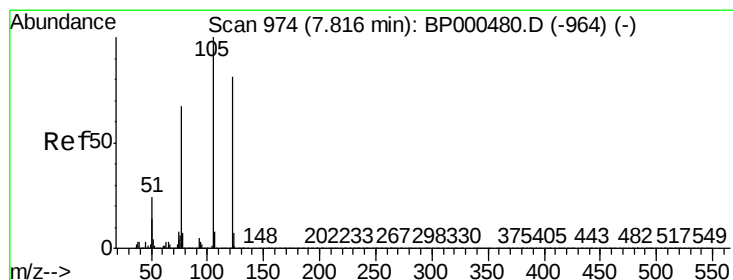
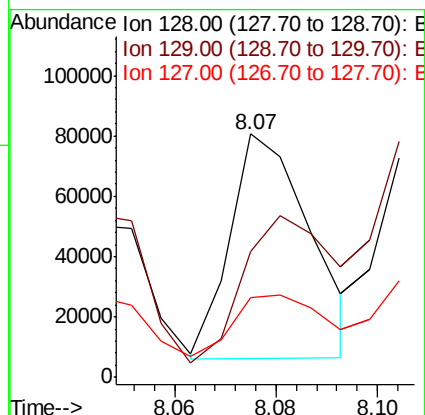
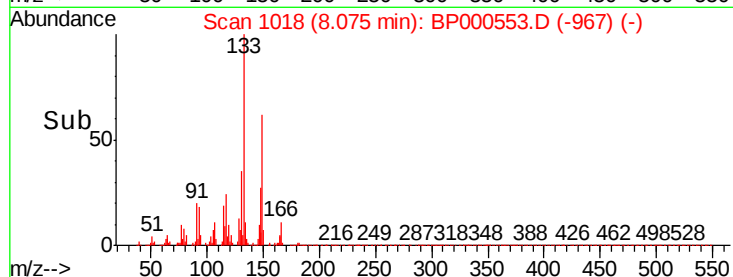
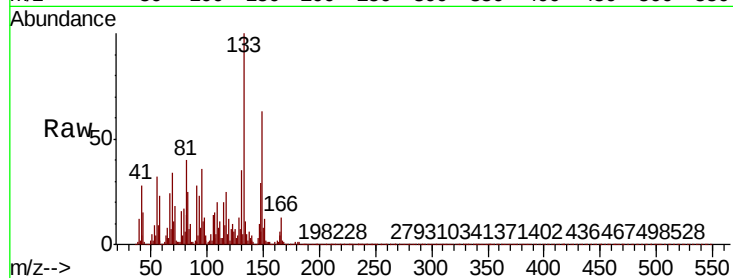




#31
Naphthalene
Concen: 2.447 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

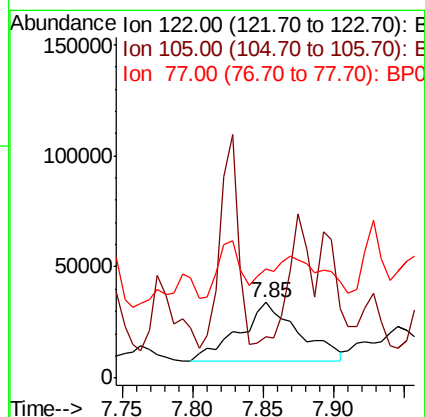
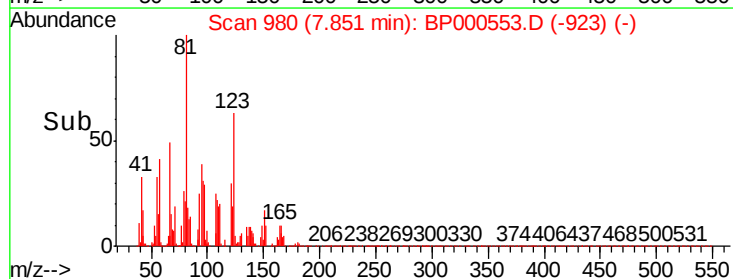
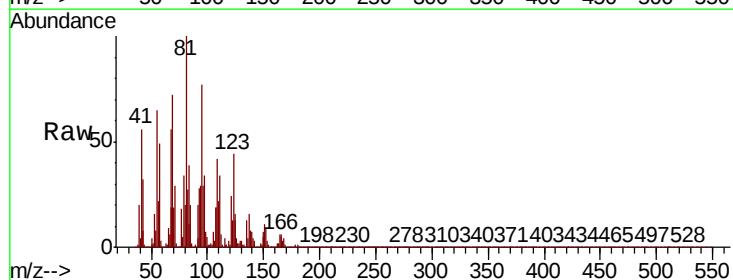
Instrument :
BNA_P
ClientSampleId :

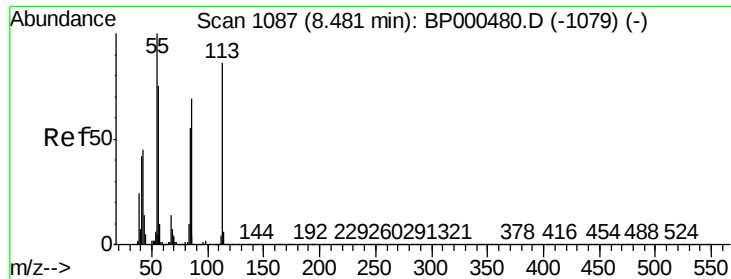
Tot Ion:128 Resp: 81432
Ion Ratio Lower Upper
128 100
129 51.5 9.0 13.6#
127 32.6 10.5 15.7#



#32
Benzoic acid
Concen: 13.803 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.04 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:122 Resp: 79052
Ion Ratio Lower Upper
122 100
105 55.0 101.4 141.4#
77 143.9 62.1 102.1#

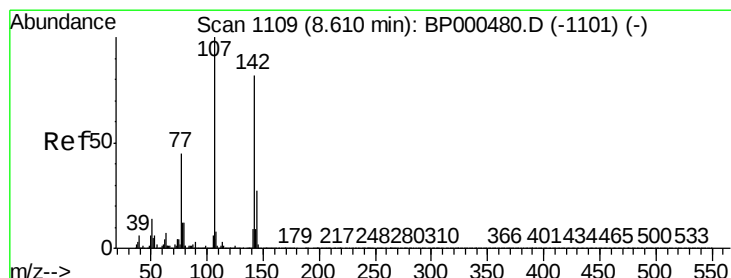
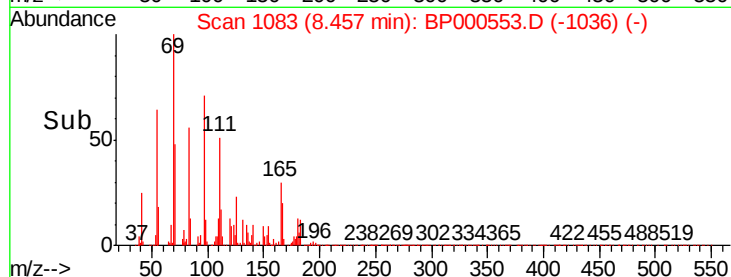
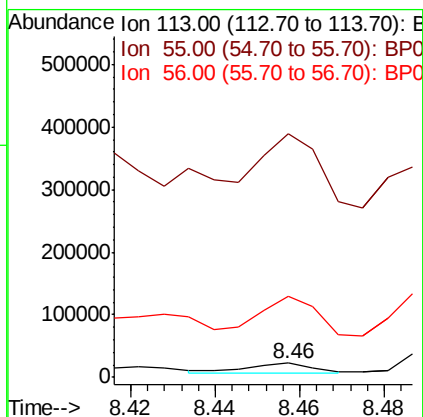
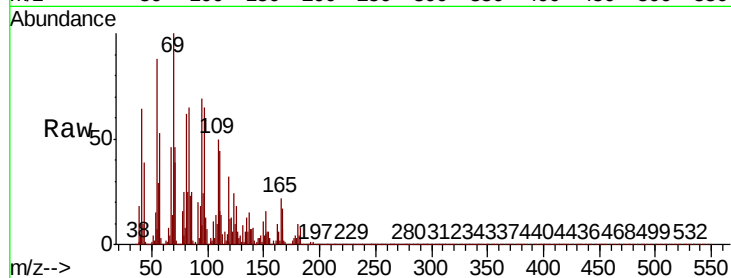




#35
Caprolactam
Concen: 4.900 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

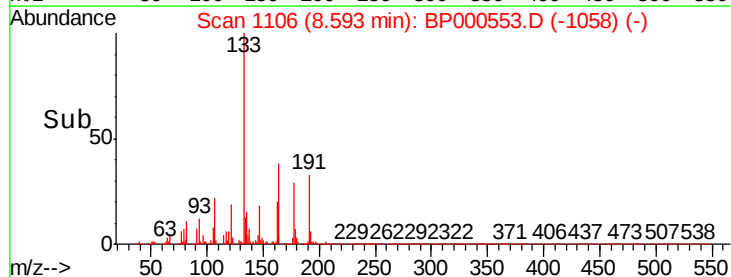
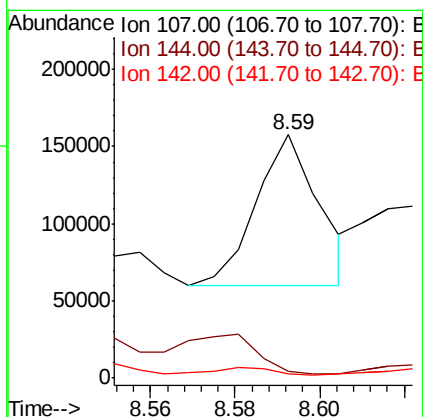
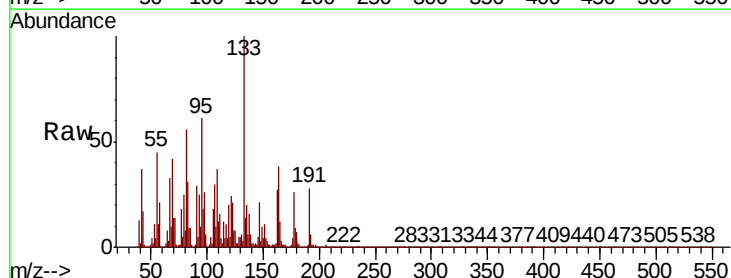
Instrument :
BNA_P
ClientSampled :

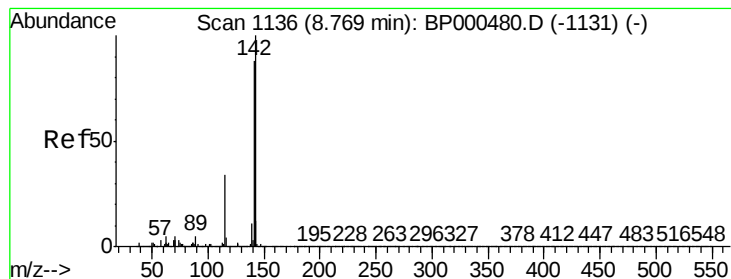
Tot Ion:113 Resp: 16831
Ion Ratio Lower Upper
113 100
55 1733.5 95.9 135.9#
56 577.1 67.2 107.2#



#36
4-Chloro-3-methylphenol
Concen: 10.155 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:107 Resp: 102000
Ion Ratio Lower Upper
107 100
144 2.6 21.8 32.8#
142 2.0 65.5 98.3#

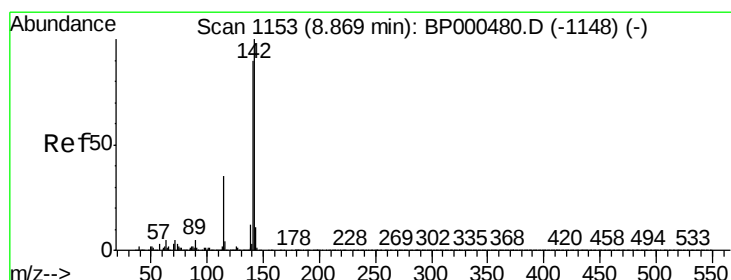
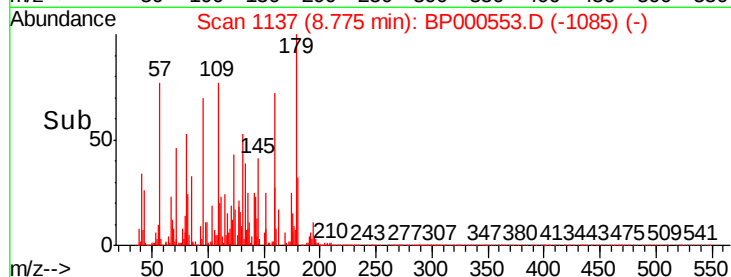
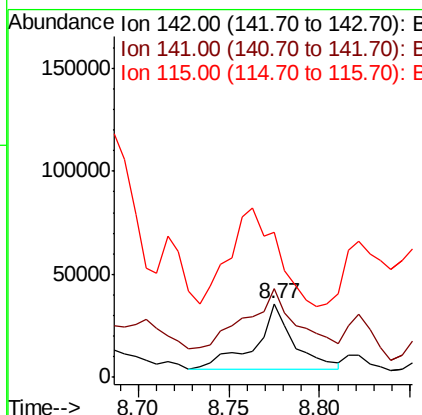
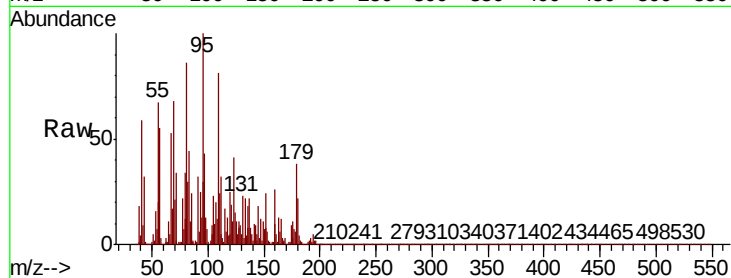




#37
2-Methylnaphthalene
Concen: 2.114 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

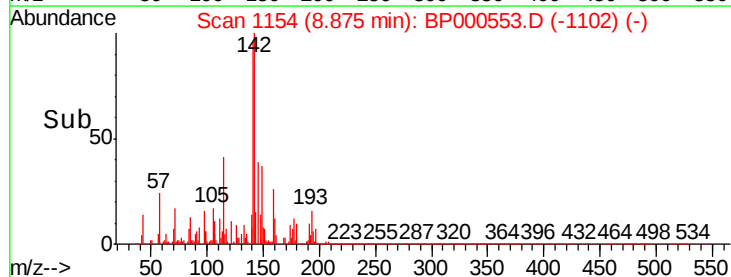
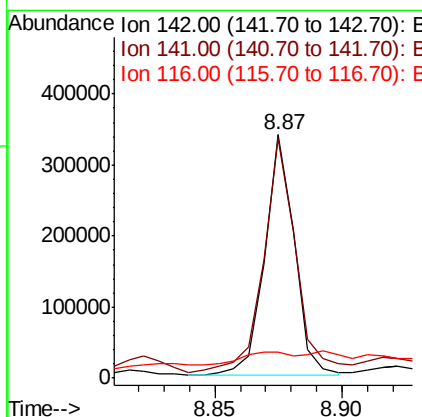
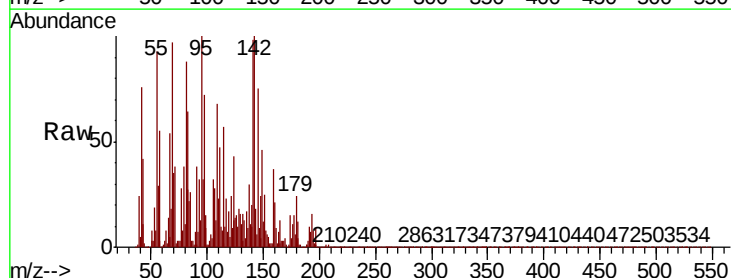
Instrument :
BNA_P
ClientSampled :

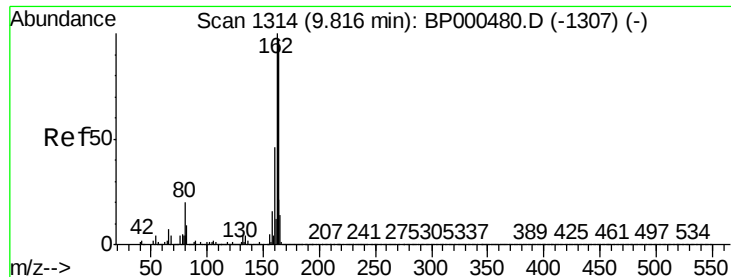
Tot Ion:142 Resp: 47220
Ion Ratio Lower Upper
142 100
141 120.2 70.6 106.0#
115 197.7 27.4 41.0#



#38
1-Methylnaphthalene
Concen: 13.276 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:142 Resp: 280226
Ion Ratio Lower Upper
142 100
141 98.5 71.9 107.9
116 10.5 3.0 4.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

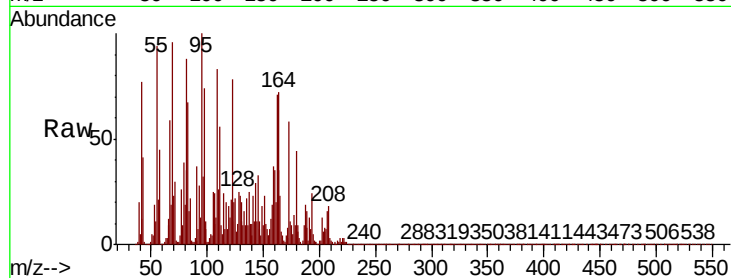
Tot Ion:164 Resp: 251567

Ion Ratio Lower Upper

164 100

162 98.6 82.2 123.2

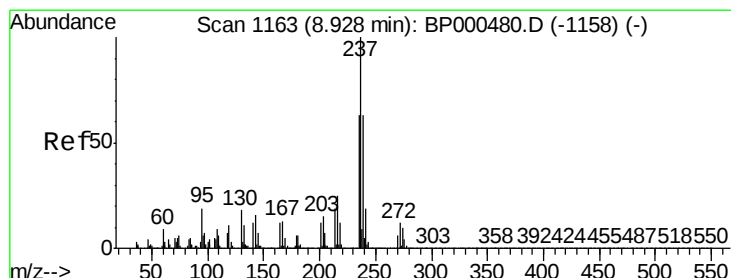
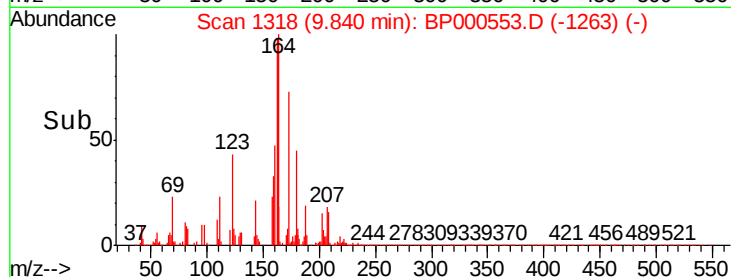
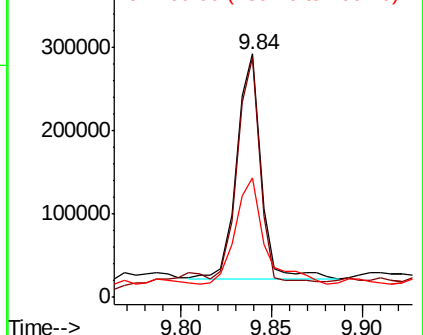
160 49.0 37.6 56.4



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: 7.318 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

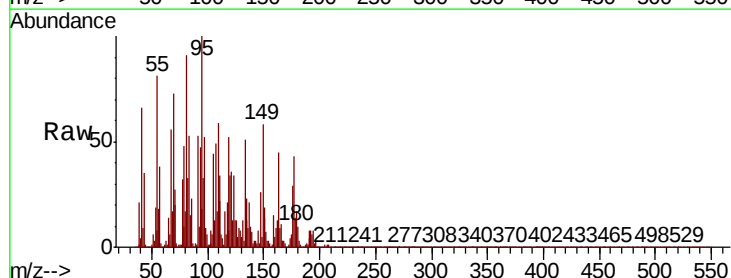
Tgt Ion:237 Resp: 75

Ion Ratio Lower Upper

237 100

235 46.9 42.9 82.9

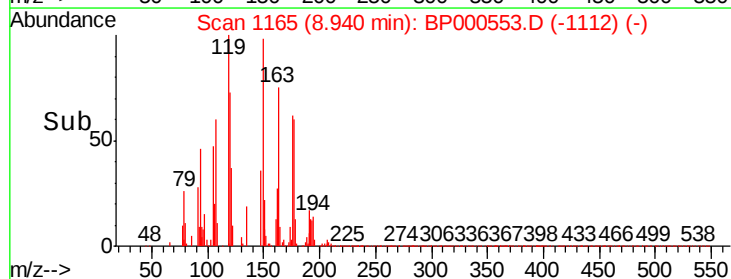
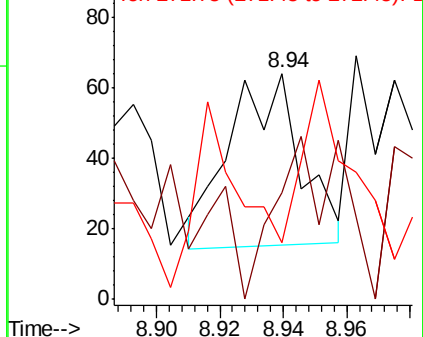
272 25.0 0.0 32.4

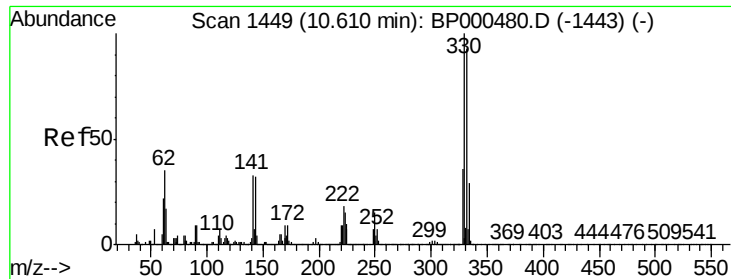


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

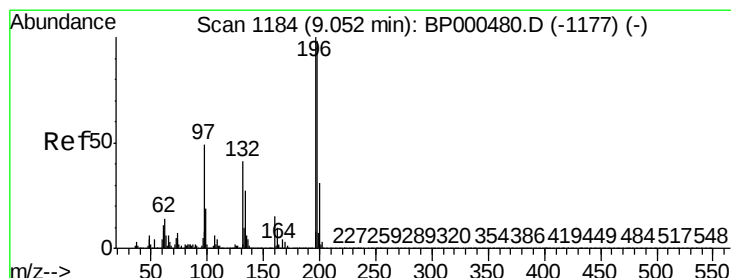
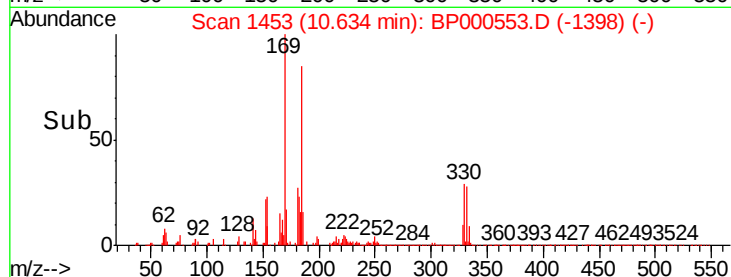
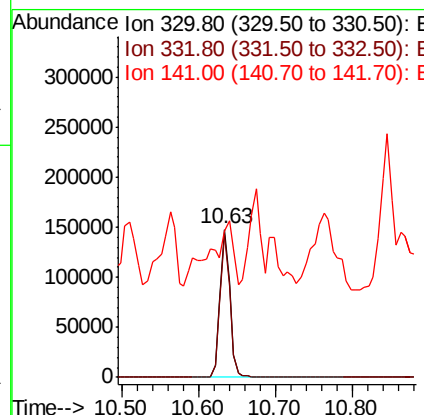
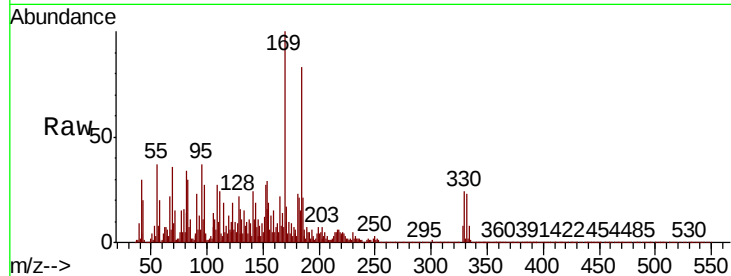




#42
 2,4,6-Tribromophenol
 Concen: 48.103 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.02 min
 Lab File: BP000553.D
 Acq: 07 Oct 2019 19:20

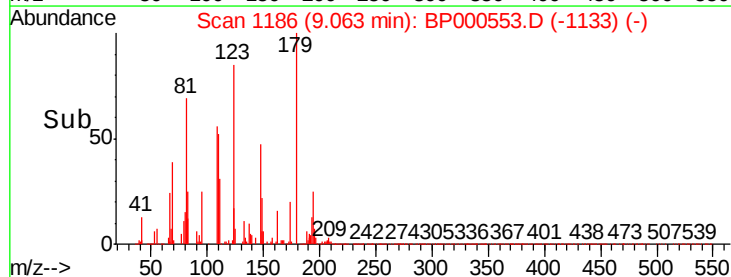
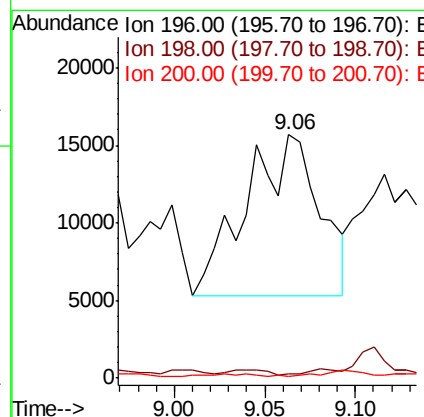
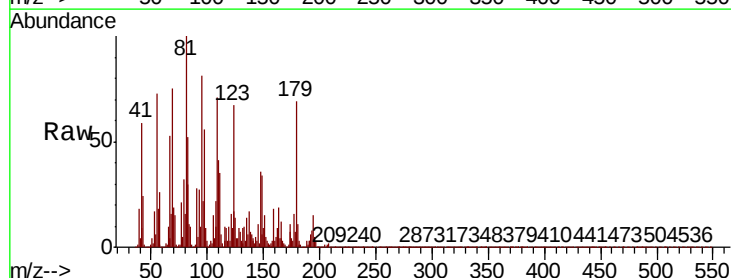
Instrument :
 BNA_P
 ClientSampled :

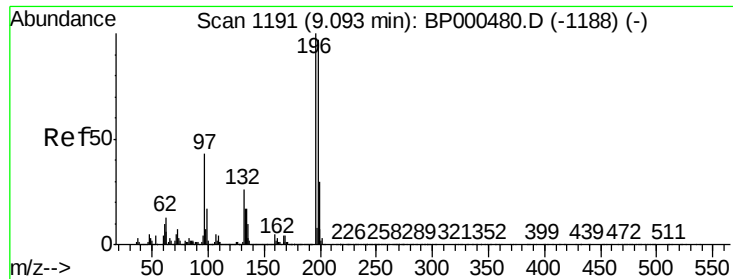
Tot Ion:330 Resp: 128953
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 102.8 26.0 39.0#



#43
 2,4,6-Trichlorophenol
 Concen: 5.979 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BP000553.D
 Acq: 07 Oct 2019 19:20

Tgt Ion:196 Resp: 29304
 Ion Ratio Lower Upper
 196 100
 198 2.0 78.2 117.2#
 200 0.9 24.9 37.3#

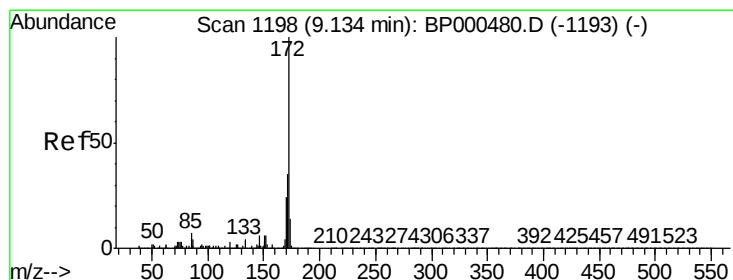
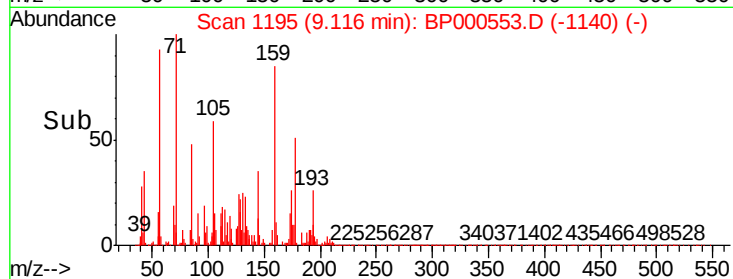
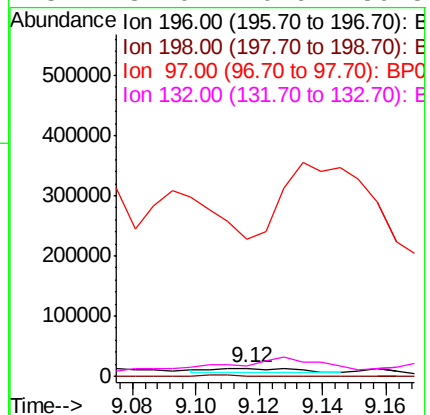
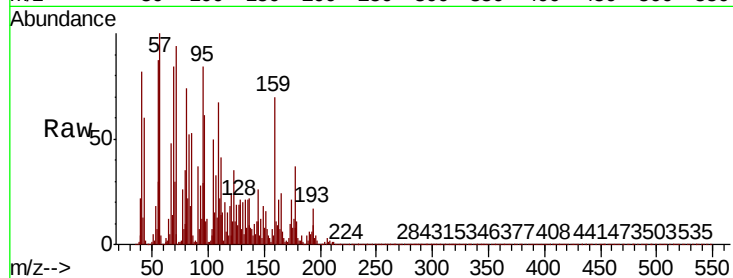




#44
2,4,5-Trichlorophenol
Concen: 2.586 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

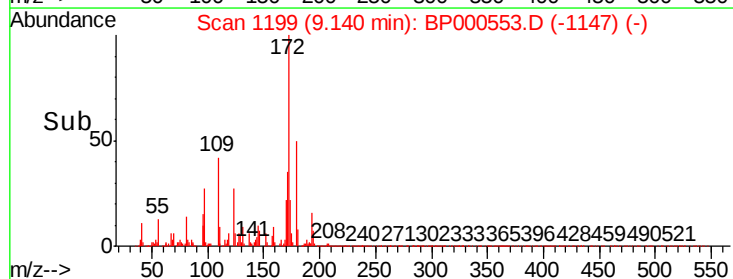
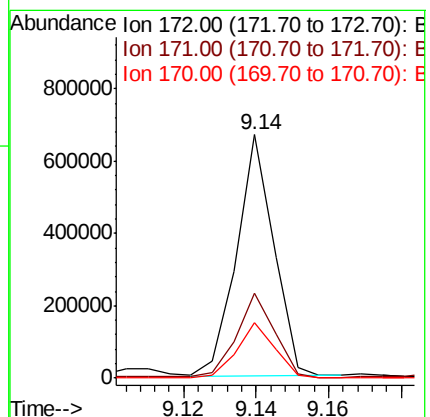
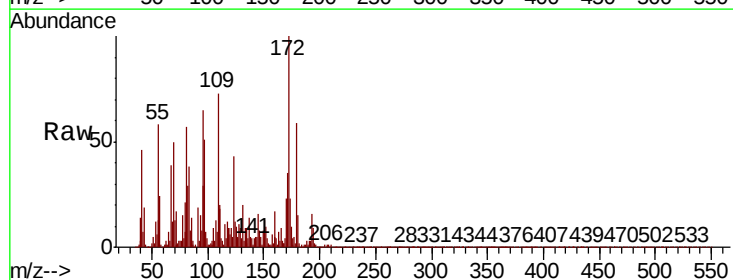
Instrument :
BNA_P
ClientSampled :

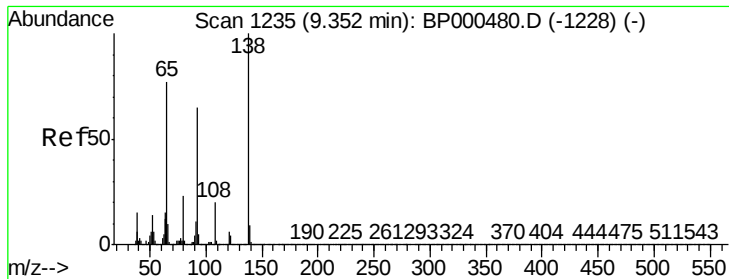
Tot Ion:196 Resp: 13085
Ion Ratio Lower Upper
196 100
198 8.3 77.4 116.0#
97 1732.8 34.6 51.8#
132 137.0 20.6 30.8#



#45
2-Fluorobiphenyl
Concen: 30.573 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:172 Resp: 475347
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 22.6 19.1 28.7

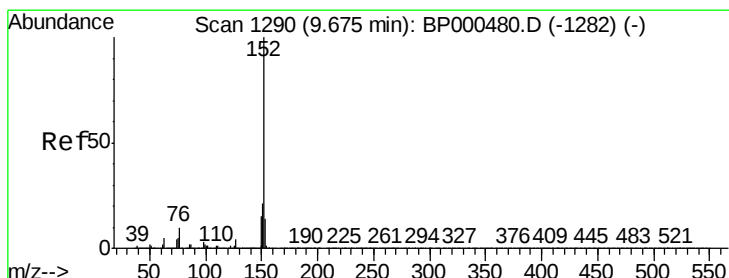
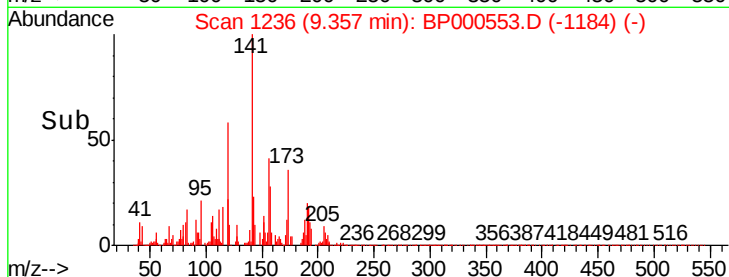
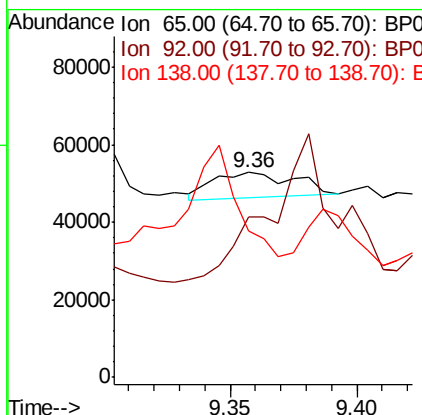
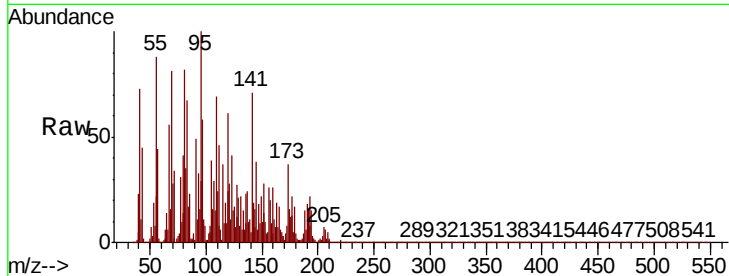




#48
2-Nitroaniline
Concen: 4.029 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

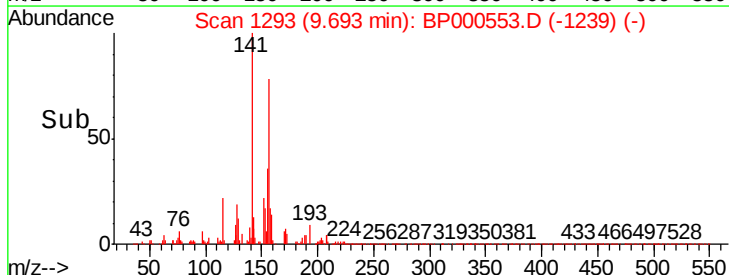
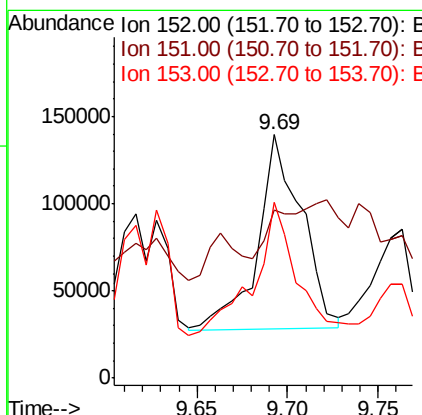
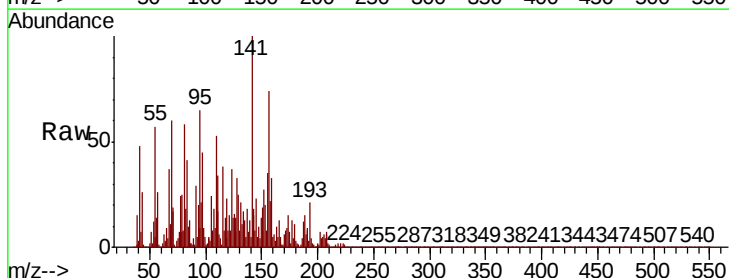
Instrument :
BNA_P
ClientSampled :

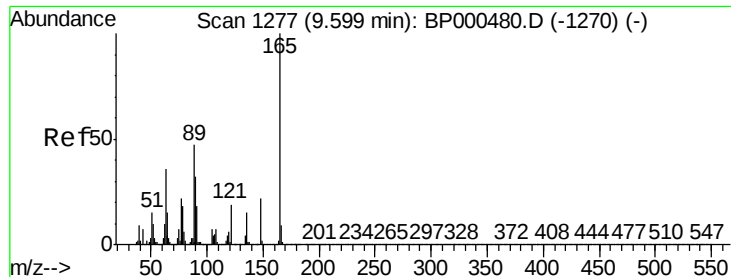
Tot Ion: 65 Resp: 14321
Ion Ratio Lower Upper
65 100
92 78.1 67.0 100.4
138 71.2 103.5 155.3#



#49
Acenaphthylene
Concen: 8.506 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion: 152 Resp: 188436
Ion Ratio Lower Upper
152 100
151 68.9 16.6 25.0#
153 72.4 11.0 16.6#





#51

2,6-Dinitrotoluene

Concen: 21.896 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

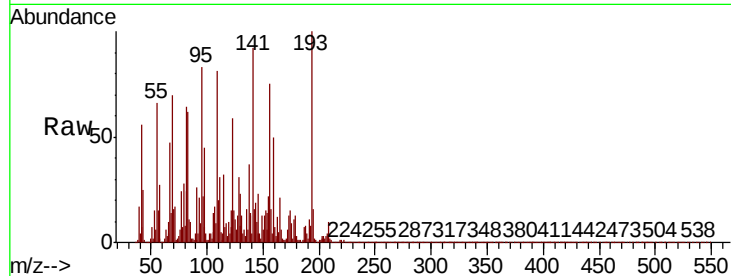
Tot Ion:165 Resp: 83465

Ion Ratio Lower Upper

165 100

63 31.0 29.9 44.9

89 19.2 37.3 55.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

150000

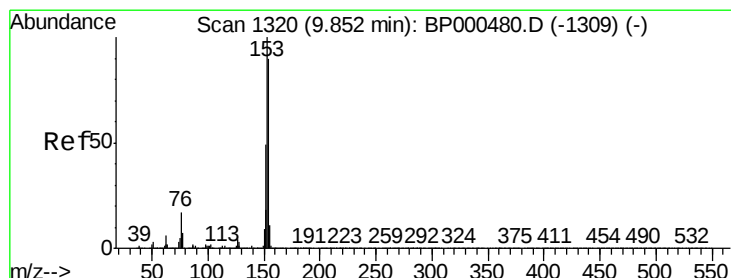
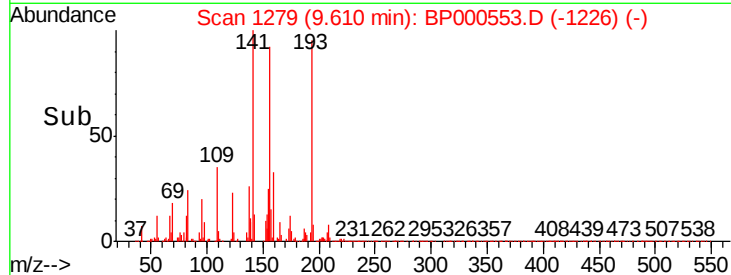
100000

50000

0

9.58 9.60 9.62 9.64

Time-->



#52

Acenaphthene

Concen: 10.050 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.02 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

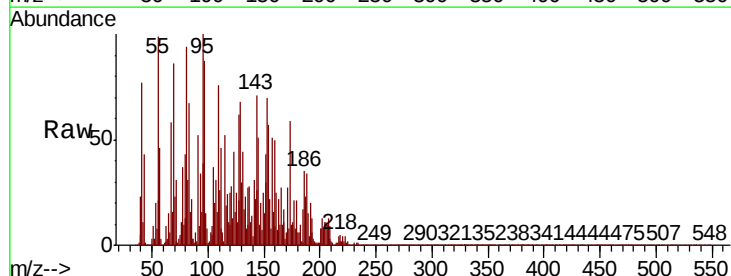
Tgt Ion:154 Resp: 135051

Ion Ratio Lower Upper

154 100

153 122.3 89.4 134.0

152 74.3 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

250000

200000

150000

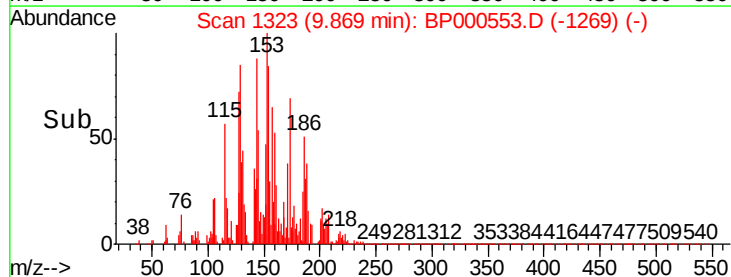
100000

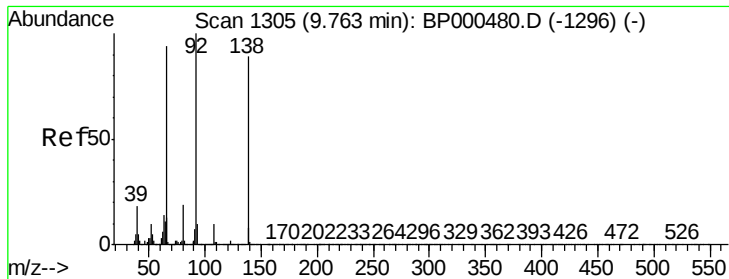
50000

0

9.84 9.86 9.88 9.90

Time-->

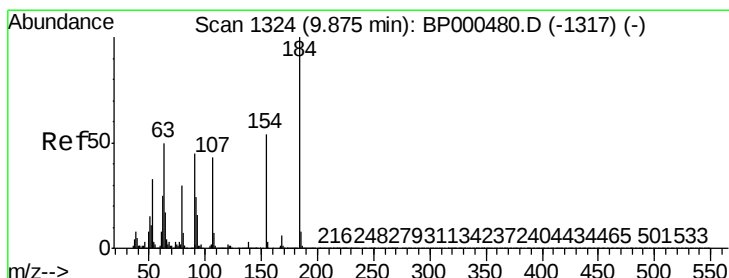
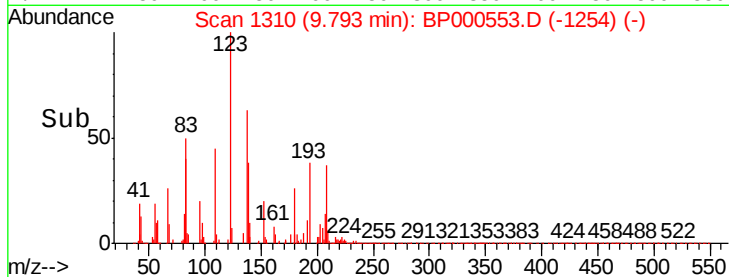
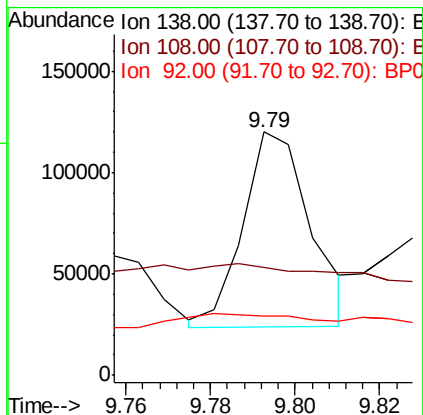
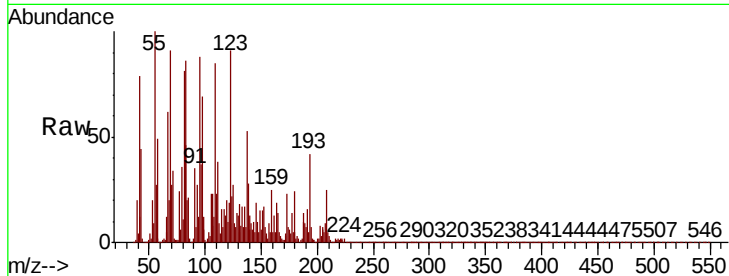




#53
3-Nitroaniline
Concen: 24.417 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.03 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

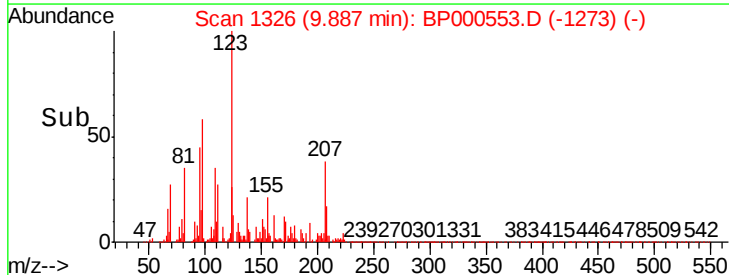
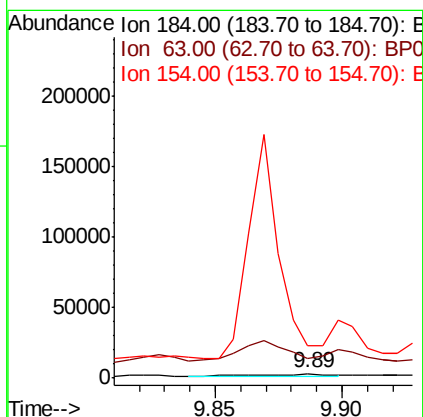
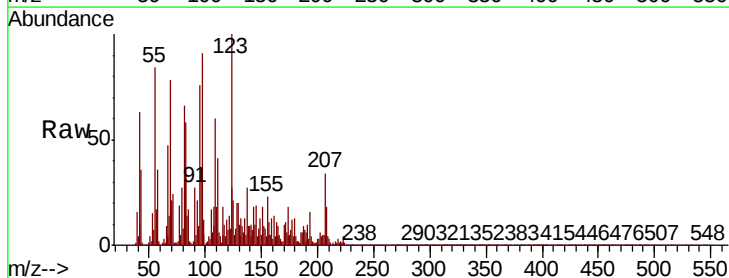
Instrument :
BNA_P
ClientSampled :

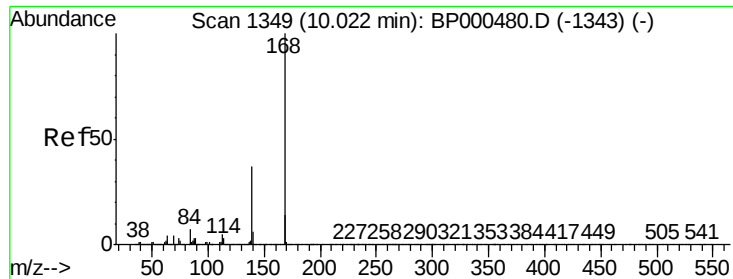
Tot Ion:138 Resp: 106647
Ion Ratio Lower Upper
138 100
108 44.3 8.8 13.2#
92 24.3 90.4 135.6#



#54
2,4-Dinitrophenol
Concen: 2.566 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:184 Resp: 3264
Ion Ratio Lower Upper
184 100
63 448.1 41.0 61.4#
154 724.4 49.8 74.8#





#55

Dibenzofuran

Concen: 3.906 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.02 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

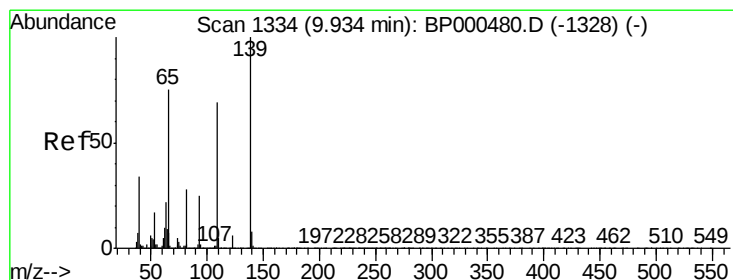
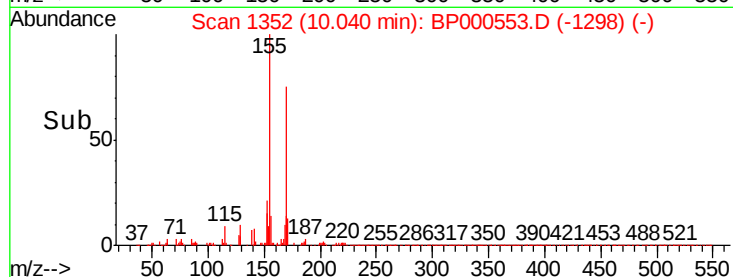
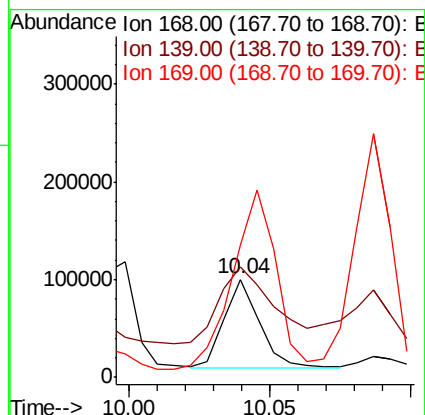
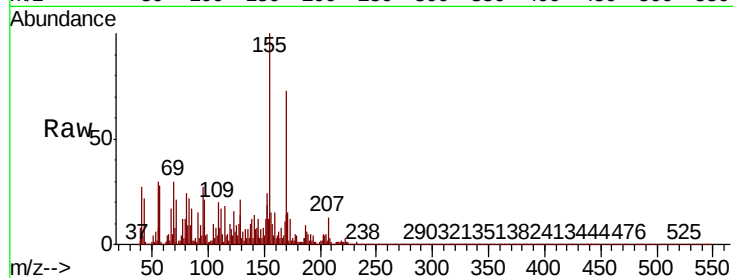
Tot Ion:168 Resp: 78470

Ion Ratio Lower Upper

168 100

139 112.7 29.5 44.3#

169 135.0 11.1 16.7#



#56

4-Nitrophenol

Concen: 30.382 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

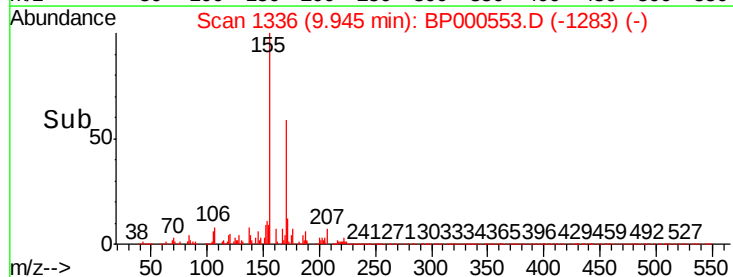
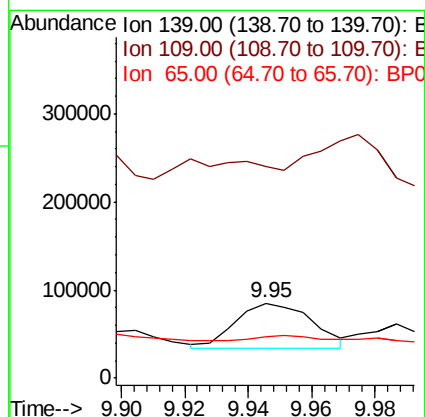
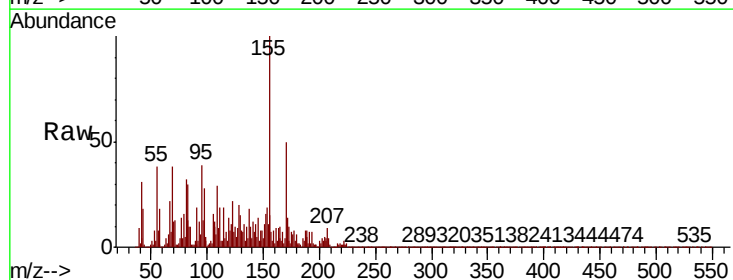
Tgt Ion:139 Resp: 84722

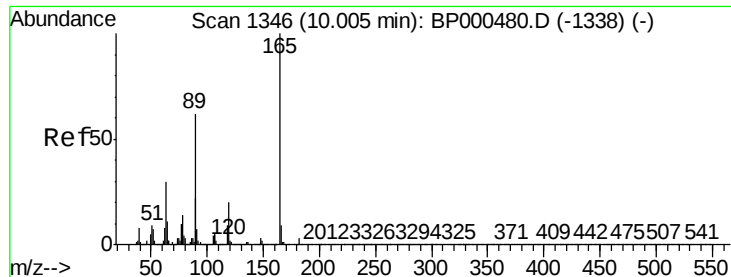
Ion Ratio Lower Upper

139 100

109 282.2 48.6 88.6#

65 54.6 55.3 95.3#

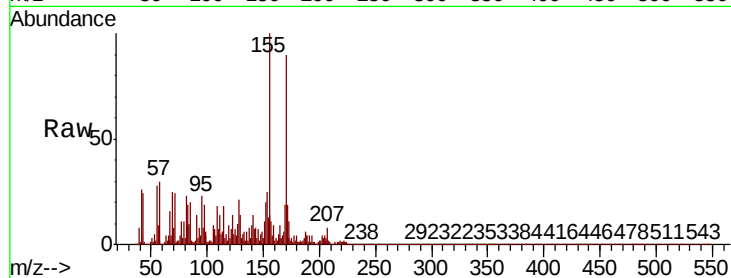




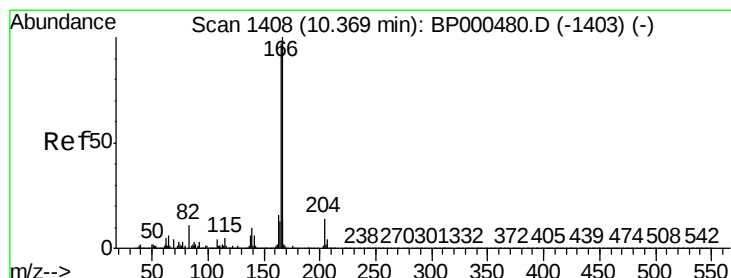
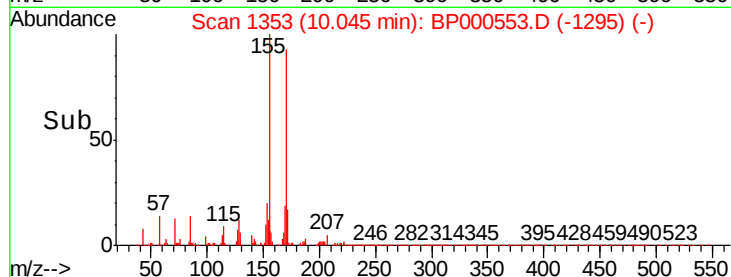
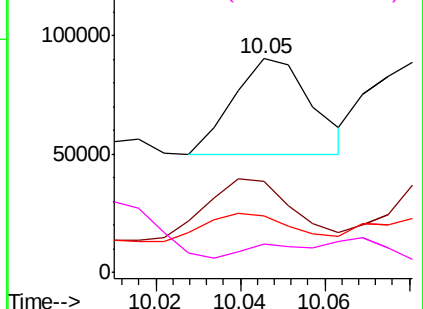
#57
2,4-Dinitrotoluene
Concen: 10.317 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.04 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 52145
Ion Ratio Lower Upper
165 100
63 42.8 24.2 36.4#
89 26.4 49.4 74.0#
182 12.9 2.5 3.7#

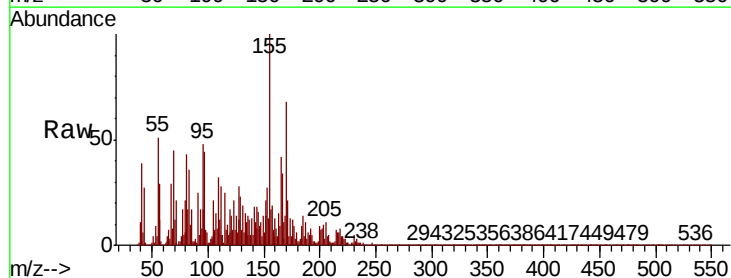


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

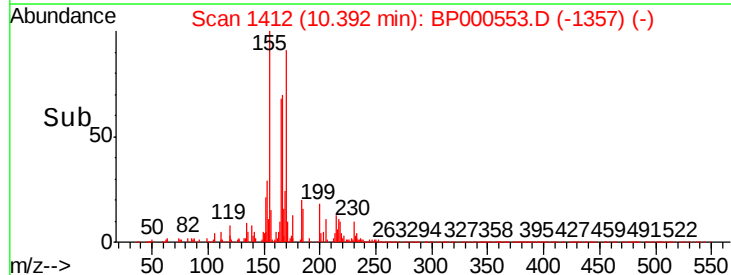
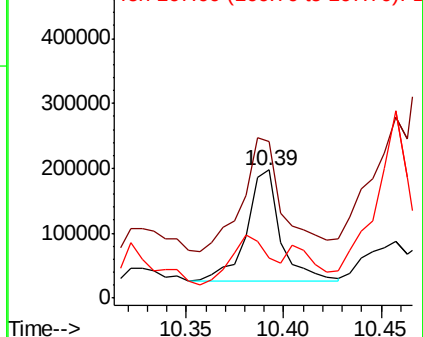


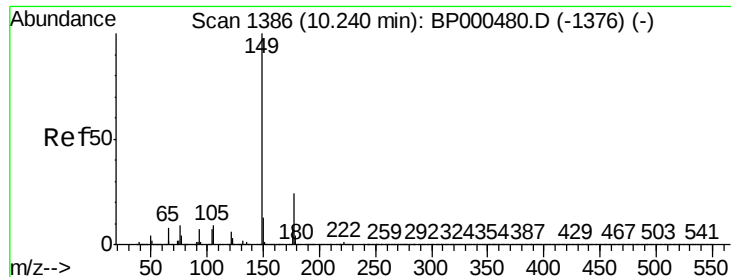
#58
Fluorene
Concen: 14.117 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:166 Resp: 202115
Ion Ratio Lower Upper
166 100
165 122.6 77.3 115.9#
167 31.3 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 2.753 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.04 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

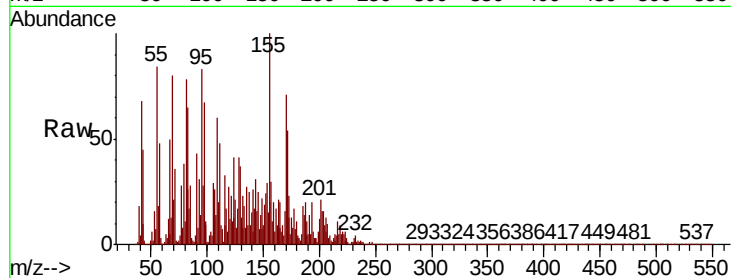
Tot Ion:149 Resp: 45686

Ion Ratio Lower Upper

149 100

177 76.5 19.0 28.6#

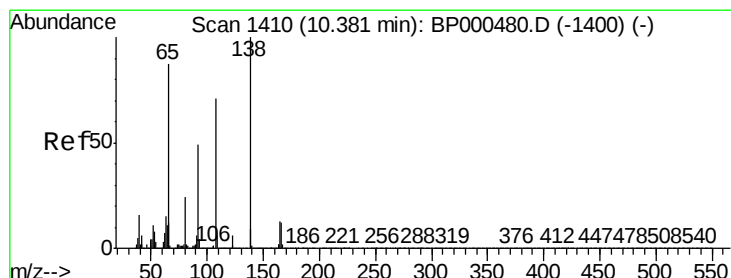
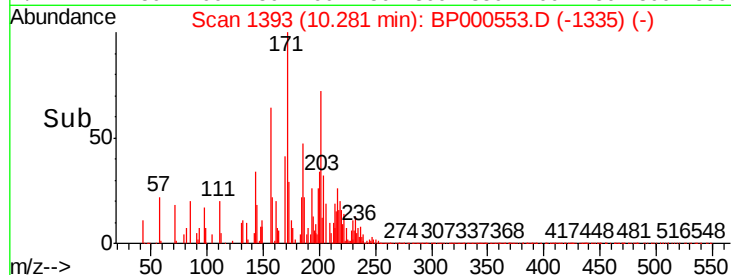
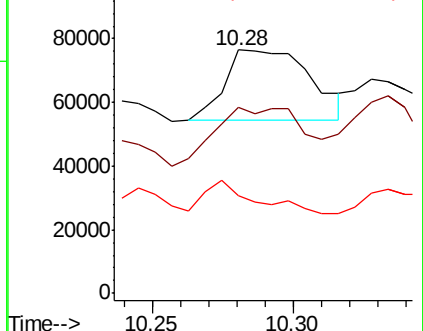
150 39.9 10.8 16.2#



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



#62

4-Nitroaniline

Concen: 12.796 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.12 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

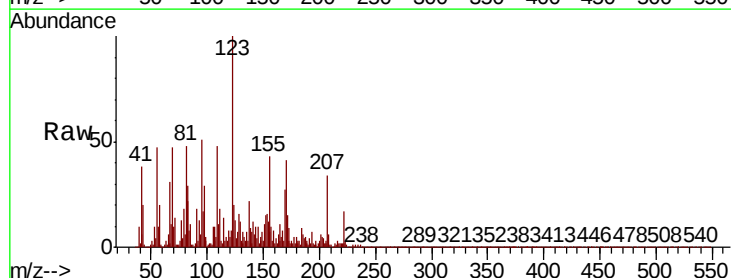
Tgt Ion:138 Resp: 53753

Ion Ratio Lower Upper

138 100

92 34.2 28.7 68.7

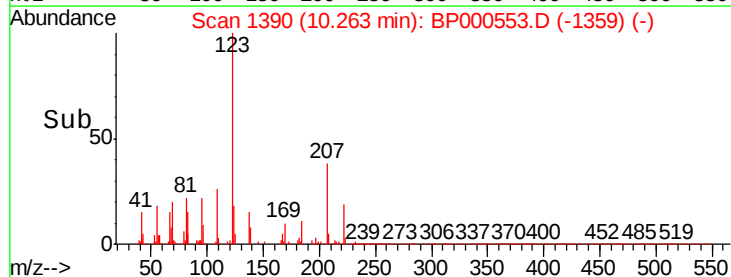
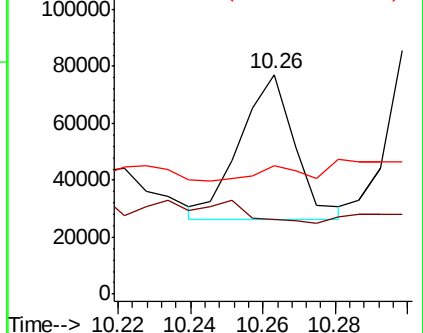
108 58.6 50.6 90.6

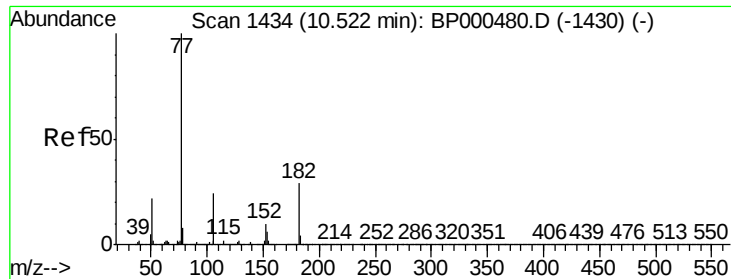


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

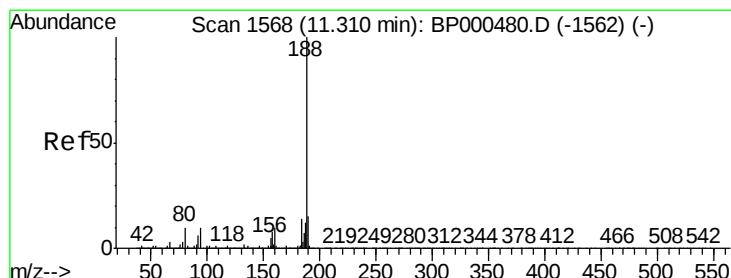
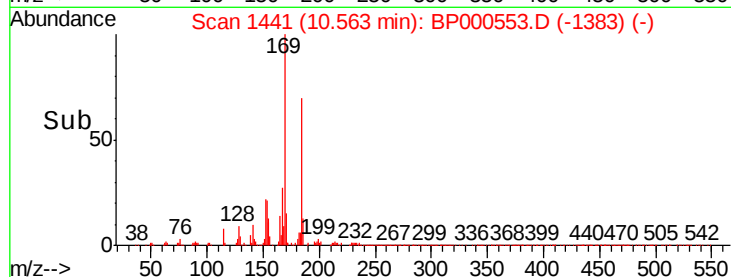
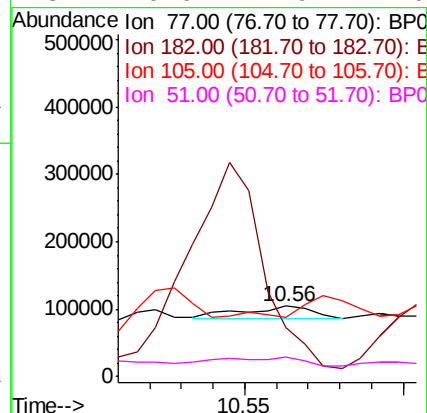
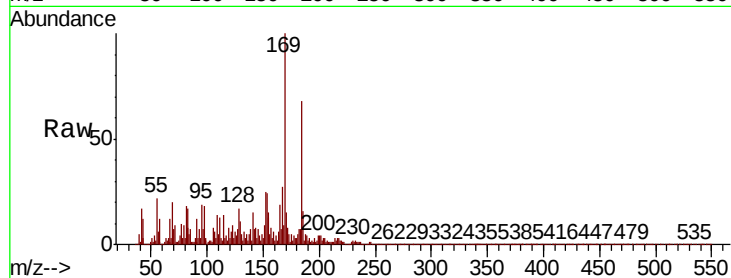




#63
Azobenzene
Concen: 2.108 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.04 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

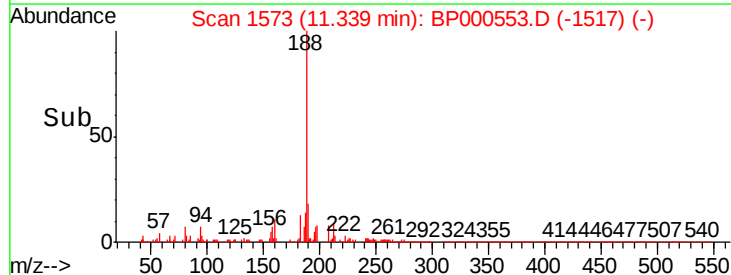
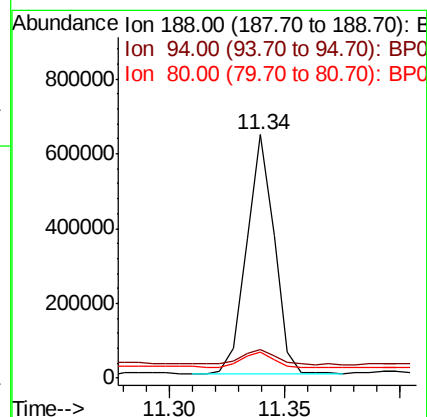
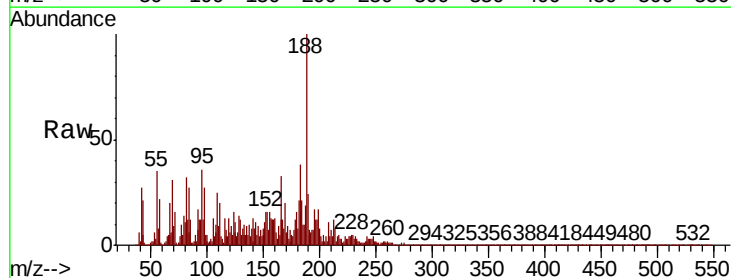
Instrument :
BNA_P
ClientSampleId :

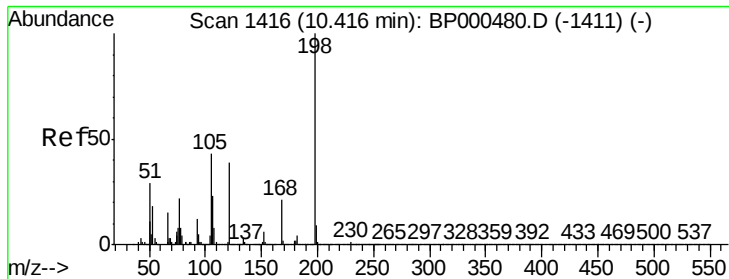
Tot Ion:	77	Resp:	26852
Ion	Ratio	Lower	Upper
77	100		
182	70.0	9.0	49.0#
105	84.6	3.8	43.8#
51	26.6	1.9	41.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.03 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:	188	Resp:	530161
Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.2	12.2
80	10.9	8.3	12.5

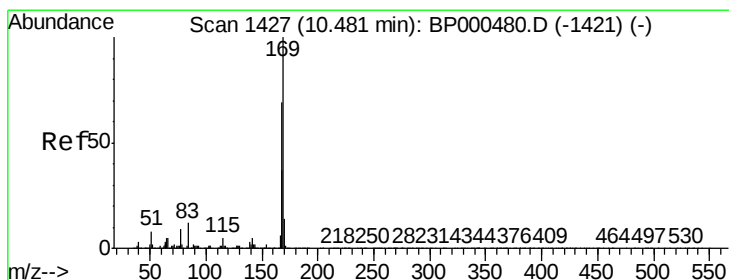
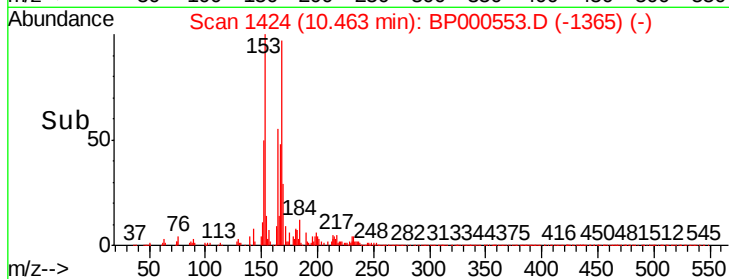
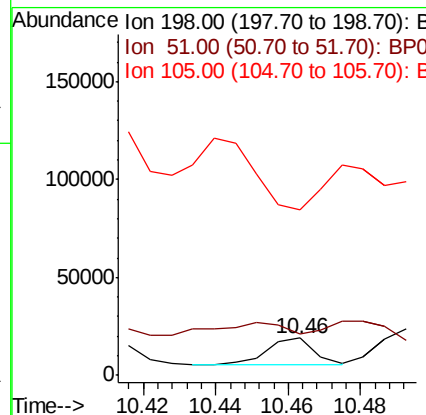
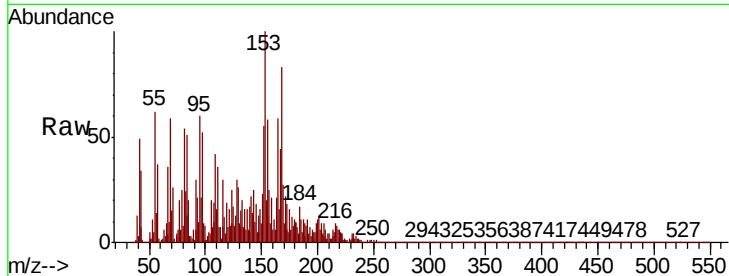




#65
4,6-Dinitro-2-methylphenol
Concen: 5.592 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.05 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

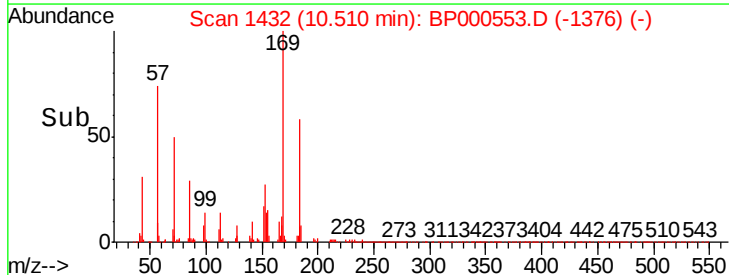
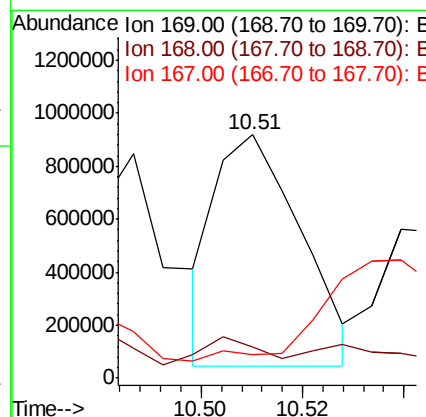
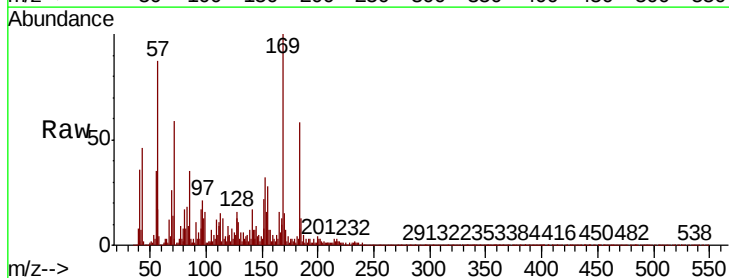
Instrument :
BNA_P
ClientSampleId :

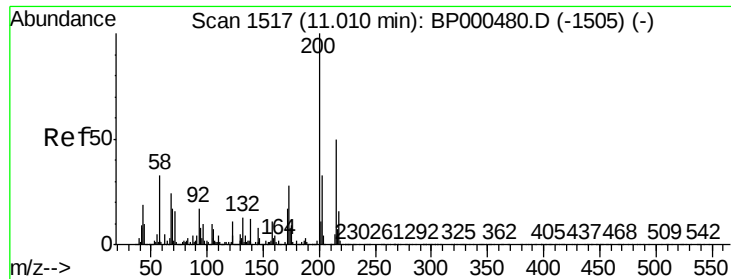
Tot Ion:198 Resp: 13141
Ion Ratio Lower Upper
198 100
51 111.6 12.8 52.8#
105 446.3 24.0 64.0#



#66
n-Nitrosodiphenylamine
Concen: 66.081 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.03 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:169 Resp: 1020363
Ion Ratio Lower Upper
169 100
168 13.0 55.4 83.2#
167 9.6 29.4 44.2#

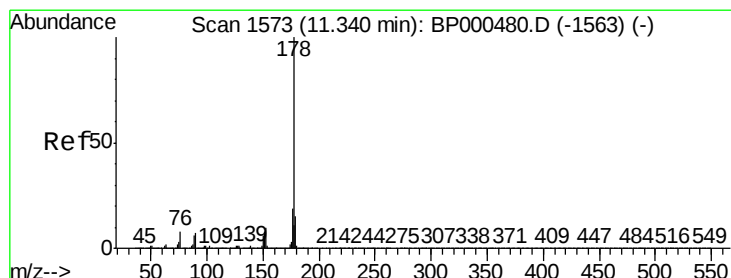
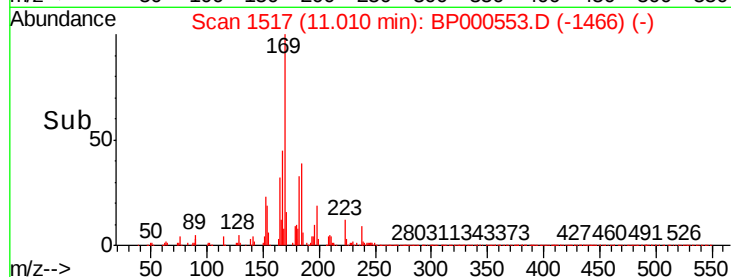
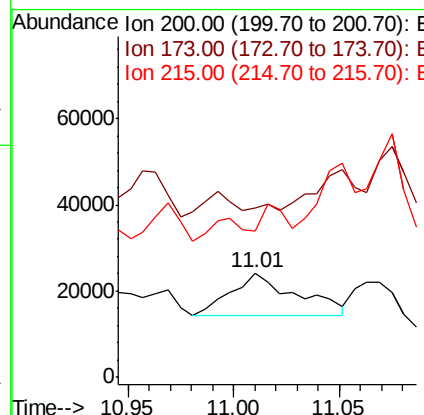
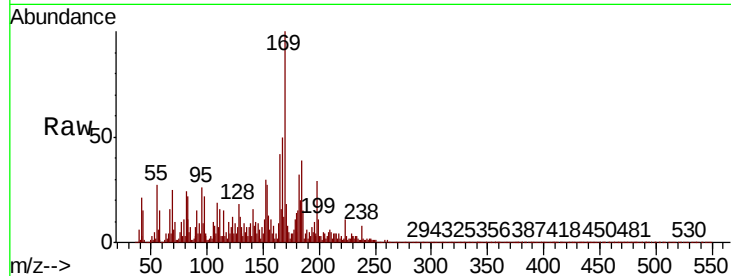




#69
Atrazine
Concen: 4.329 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

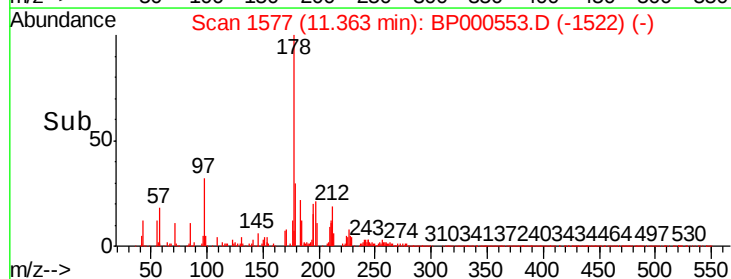
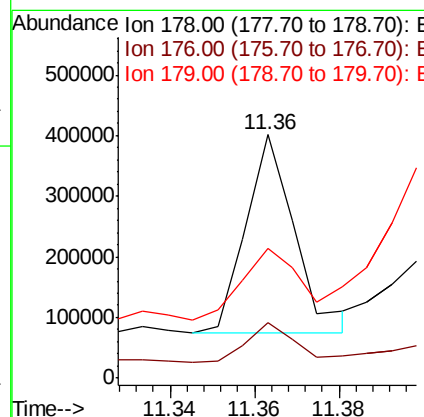
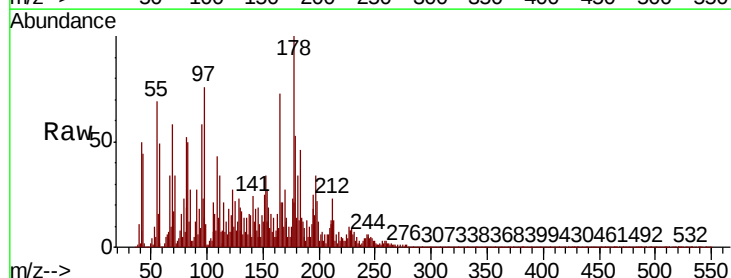
Instrument :
BNA_P
ClientSampleId :

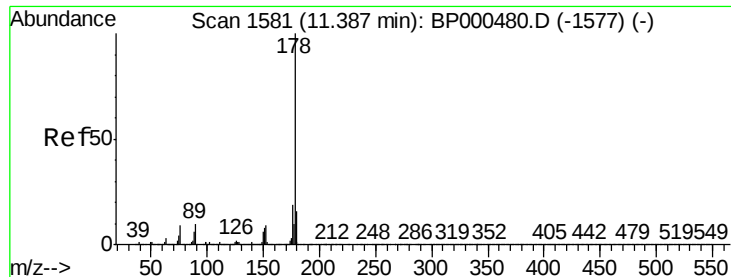
Tot Ion:200 Resp: 21934
Ion Ratio Lower Upper
200 100
173 162.2 7.6 47.6#
215 139.7 29.5 69.5#



#71
Phenanthrene
Concen: 9.918 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion:178 Resp: 264075
Ion Ratio Lower Upper
178 100
176 22.7 15.4 23.2
179 53.1 12.2 18.4#





#72

Anthracene

Concen: 12.806 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.03 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

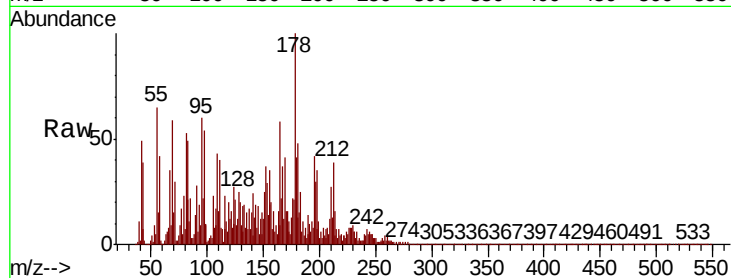
Tot Ion:178 Resp: 338081

Ion Ratio Lower Upper

178 100

176 22.4 15.4 23.0

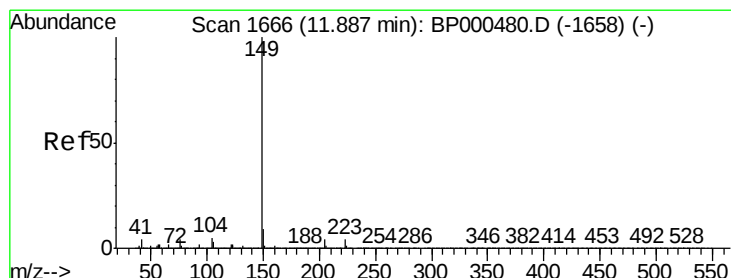
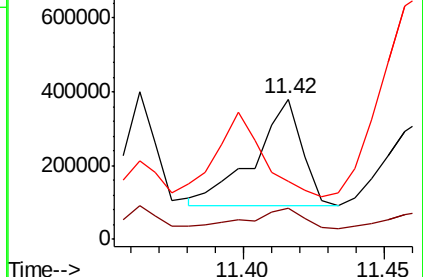
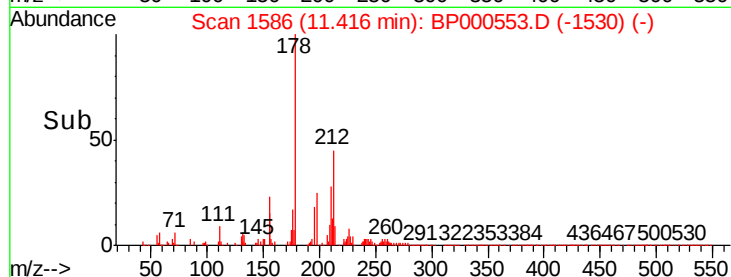
179 41.1 12.6 19.0#



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: 5.225 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

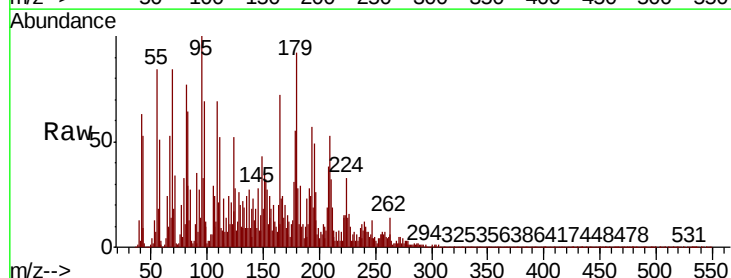
Tgt Ion:149 Resp: 155756

Ion Ratio Lower Upper

149 100

150 41.4 7.4 11.2#

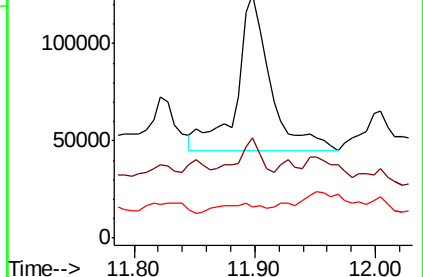
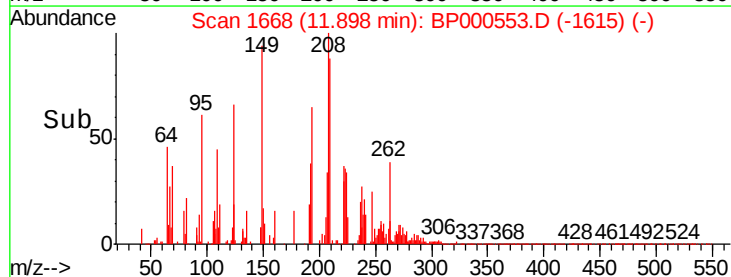
104 12.9 3.7 5.5#

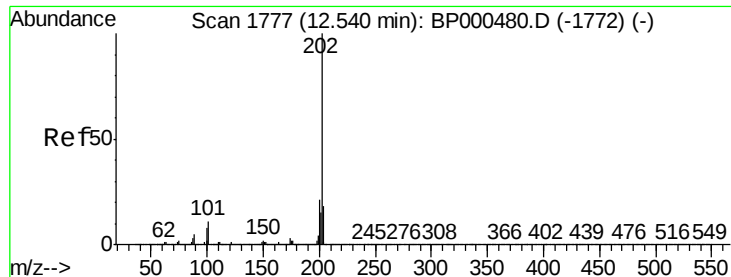


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 18.893 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.04 min

Lab File: BP000553.D

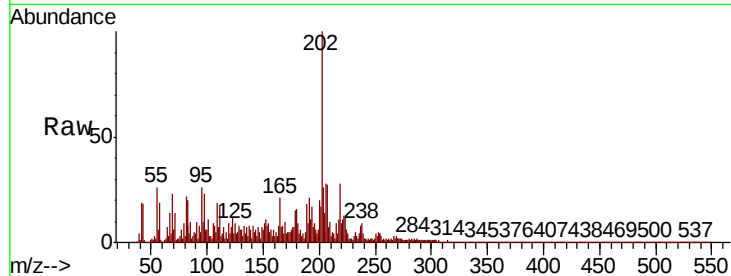
Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

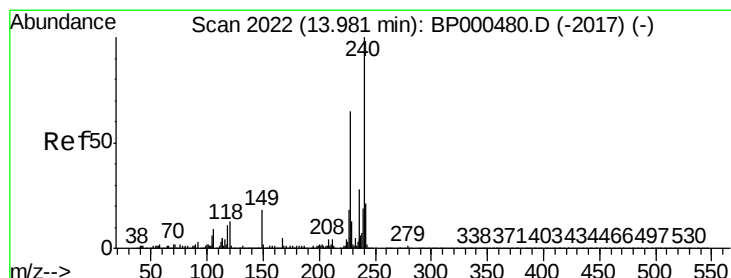
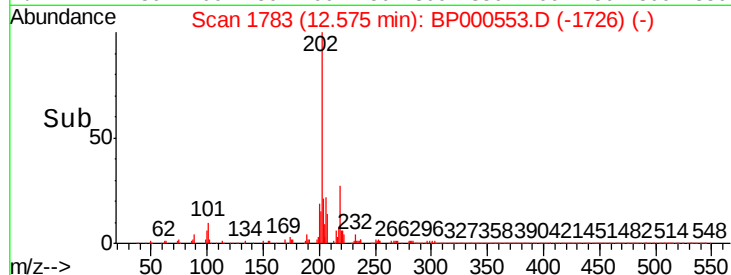
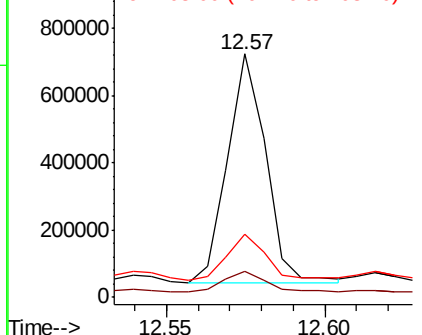
Tot Ion:	202	Resp:	564987
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.3
203	25.9	0.0	38.1



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



#76

Chrysene-d12

Concen: 20.000 ng

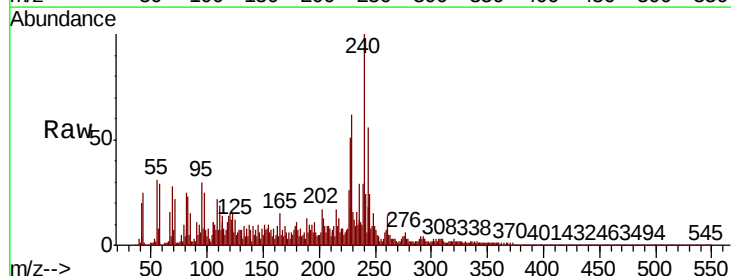
RT: 14.02 min Scan# 2028

Delta R.T. 0.04 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

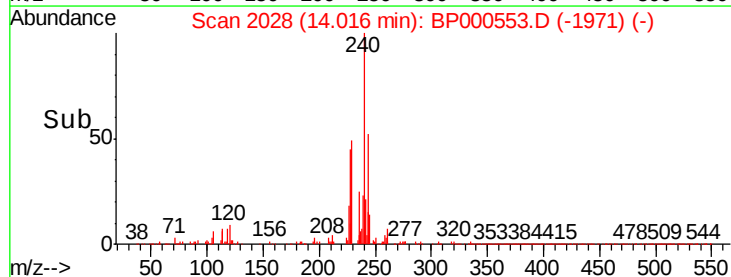
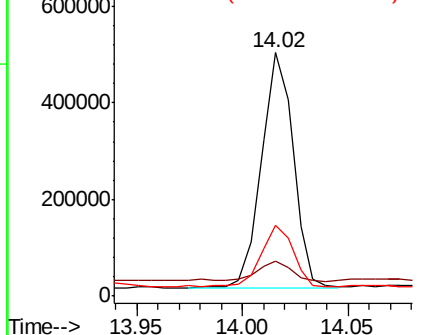
Tgt Ion:	240	Resp:	509247
Ion	Ratio	Lower	Upper
240	100		
120	14.6	10.1	15.1
236	29.2	22.7	34.1

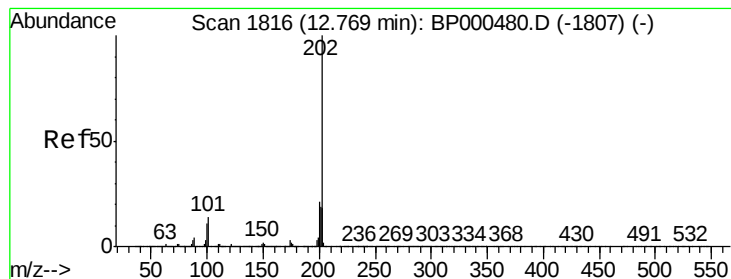


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 56.307 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.04 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

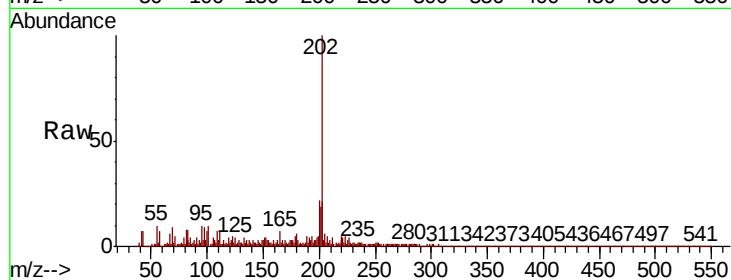
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 1977657

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	21.0	14.6	21.8

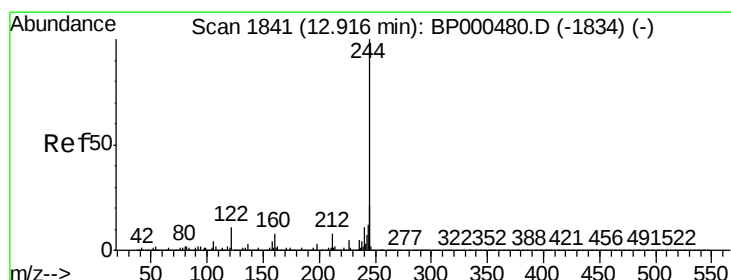
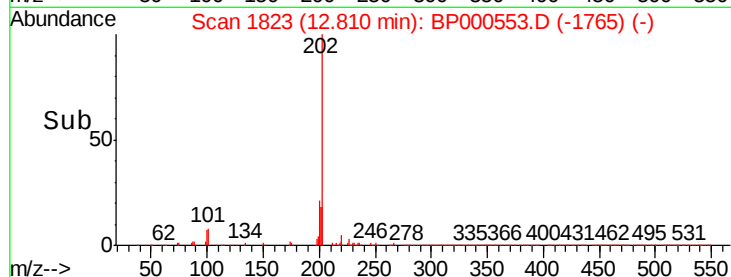
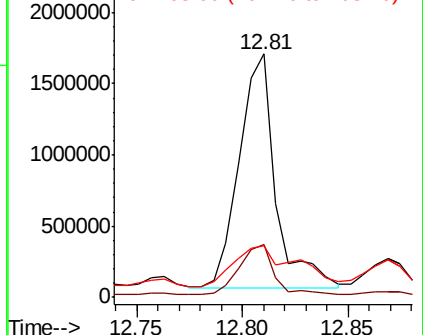


Abundance

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: 21.459 ng

RT: 12.95 min Scan# 1846

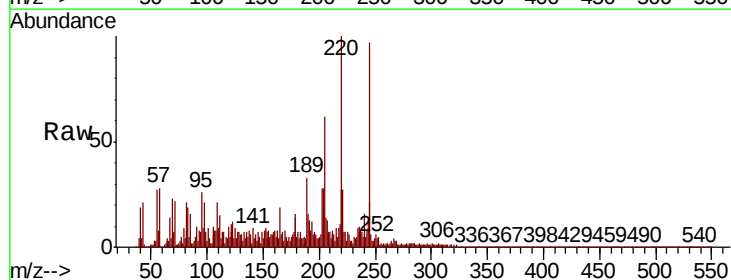
Delta R.T. 0.03 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Tgt Ion:244 Resp: 539715

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.0	9.0
122	11.4	8.9	13.3

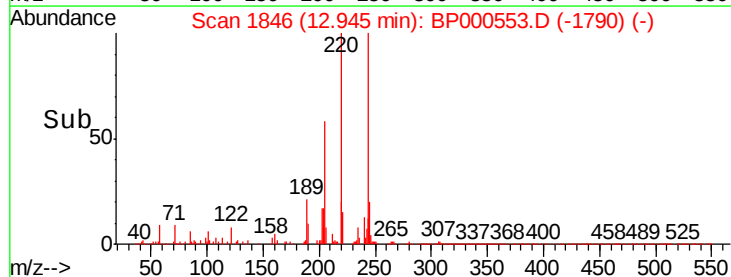
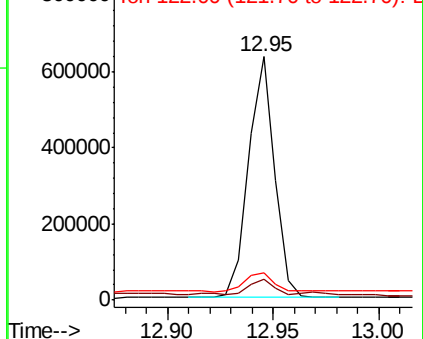


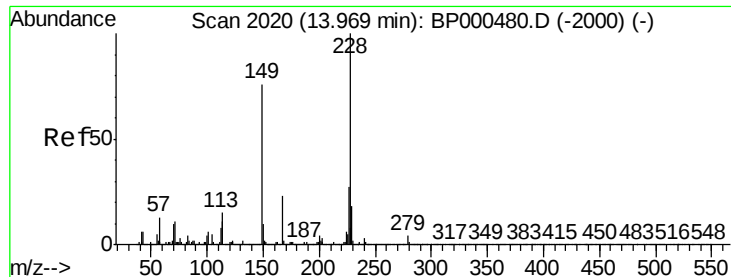
Abundance

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





#81

Benzo(a)anthracene

Concen: 19.302 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.04 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

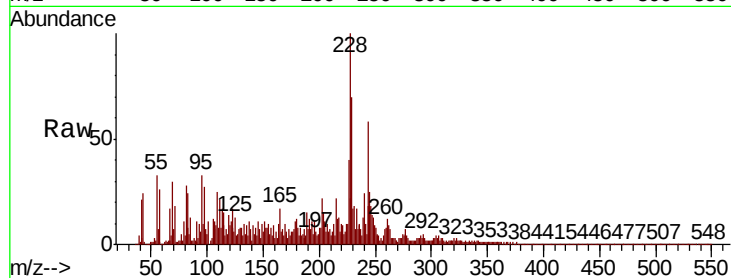
Tot Ion:228 Resp: 599737

Ion Ratio Lower Upper

228 100

226 40.2 21.4 32.2#

229 69.9 14.7 22.1#

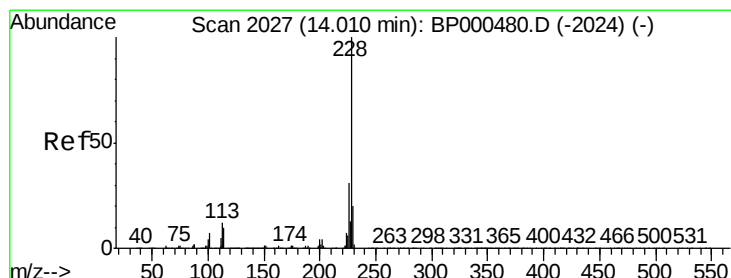
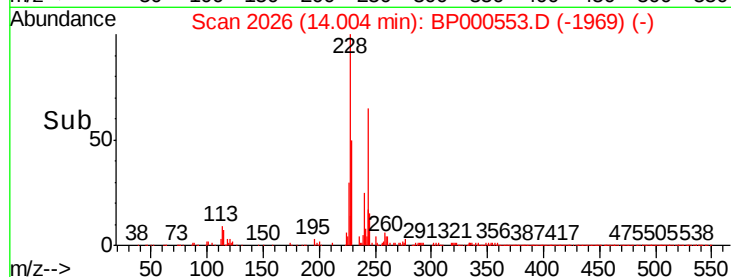
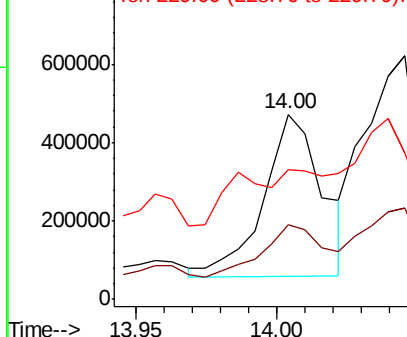


Abundance

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



#83

Chrysene

Concen: 24.340 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.04 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

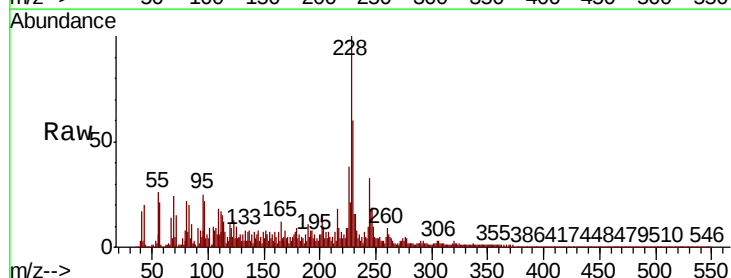
Tgt Ion:228 Resp: 742283

Ion Ratio Lower Upper

228 100

226 37.7 24.7 37.1#

229 60.3 16.3 24.5#

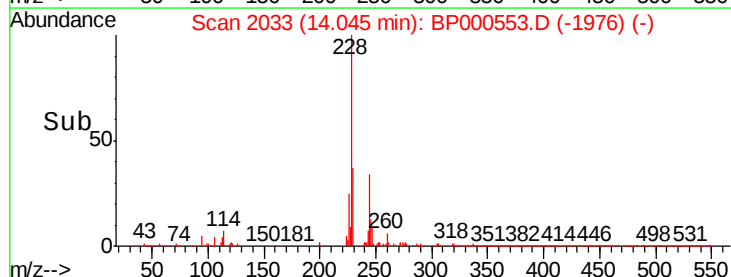
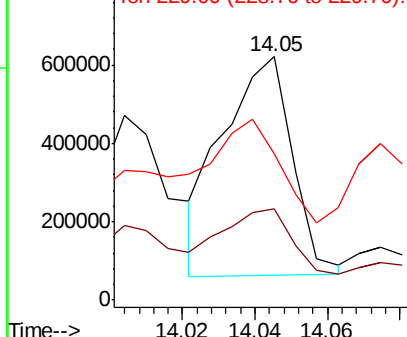


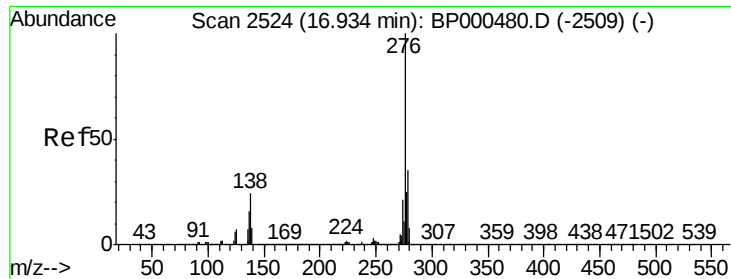
Abundance

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





#86

Indeno(1,2,3-cd)pyrene

Concen: 8.639 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.08 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

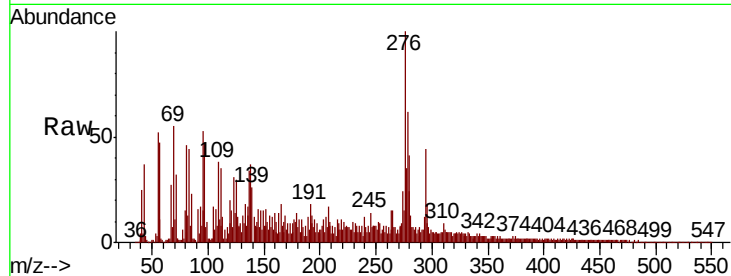
Tot Ion:276 Resp: 329115

Ion Ratio Lower Upper

276 100

138 22.4 20.9 31.3

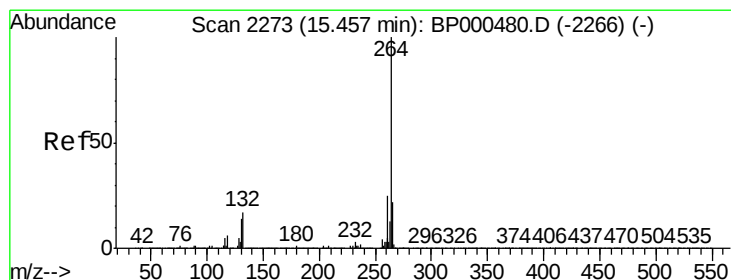
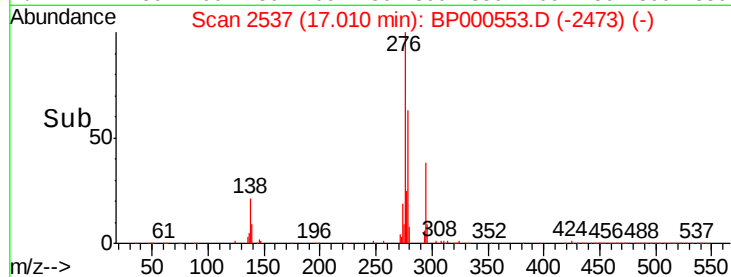
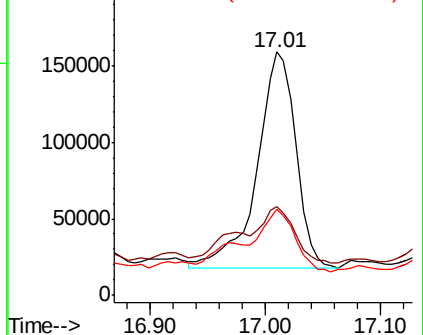
277 24.9 20.6 30.8



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# 2284

Delta R.T. 0.06 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

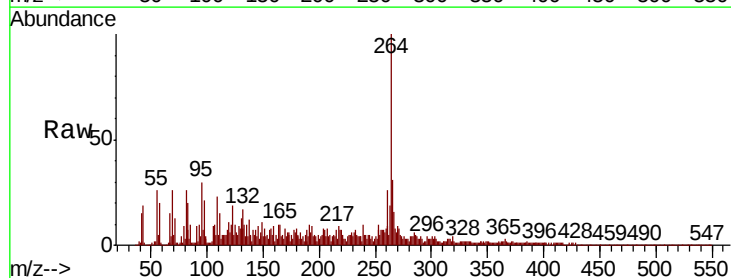
Tgt Ion:264 Resp: 681985

Ion Ratio Lower Upper

264 100

260 25.7 20.3 30.5

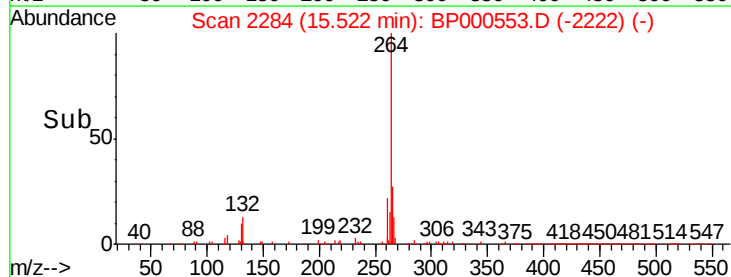
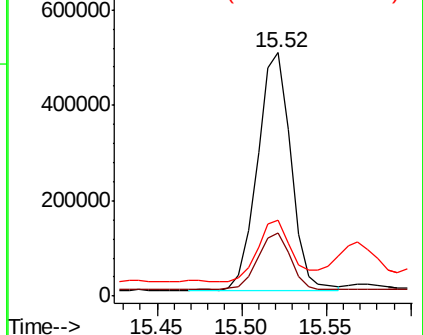
265 31.4 18.0 27.0#

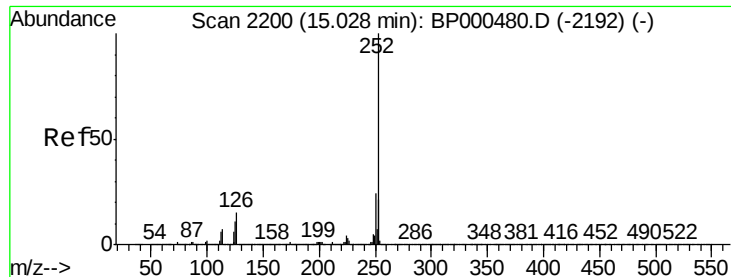


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

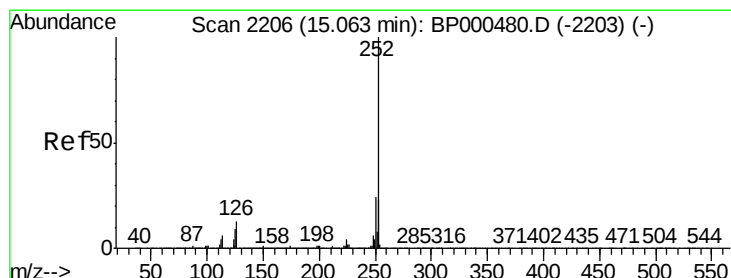
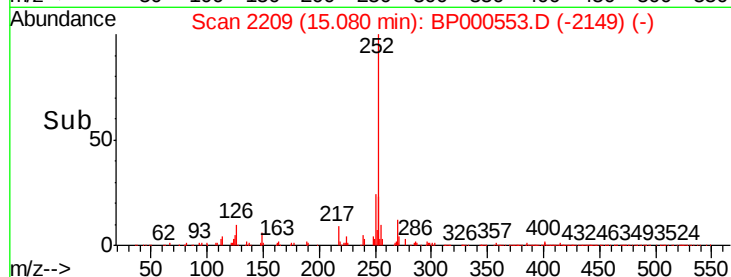
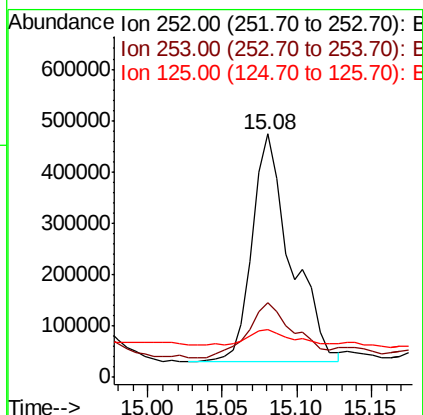
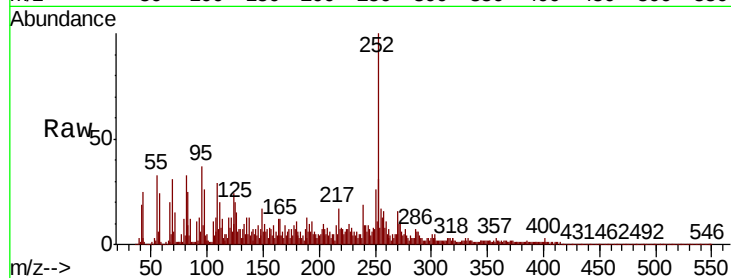




#88
Benzo(b)fluoranthene
Concen: 20.657 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.05 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

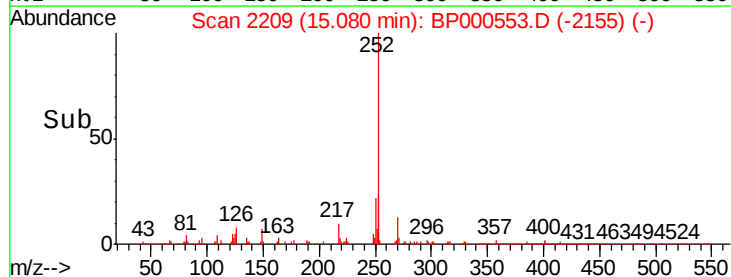
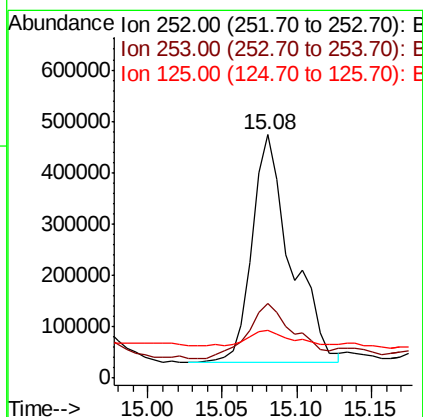
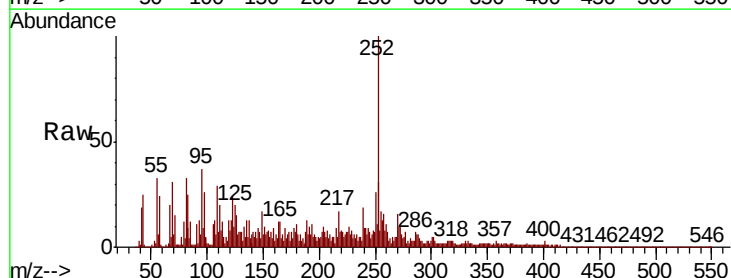
Instrument :
BNA_P
ClientSampleId :

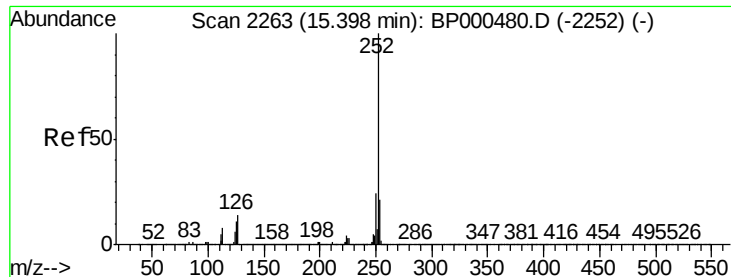
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.0	25.4#
125	19.6	8.9	13.3#



#89
Benzo(k)fluoranthene
Concen: 21.697 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.02 min
Lab File: BP000553.D
Acq: 07 Oct 2019 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.4	27.6#
125	19.6	7.8	11.8#





#90

Benzo(a)pyrene

Concen: 18.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.06 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

Instrument :

BNA_P

ClientSampleId :

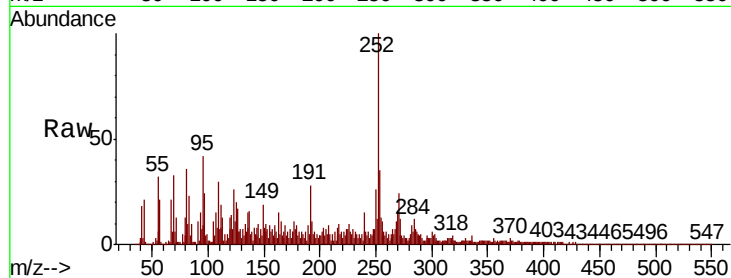
Tot Ion:252 Resp: 649221

Ion Ratio Lower Upper

252 100

253 35.3 17.0 25.6#

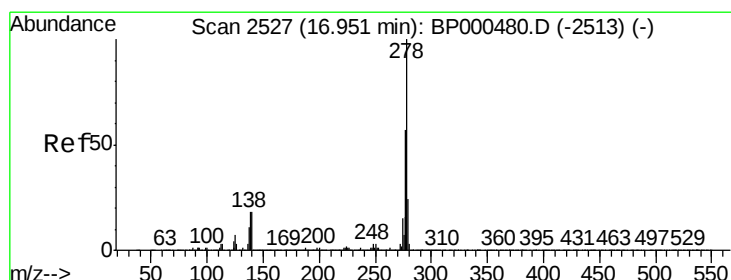
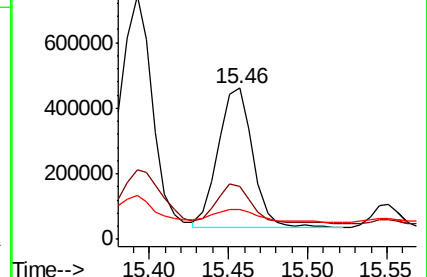
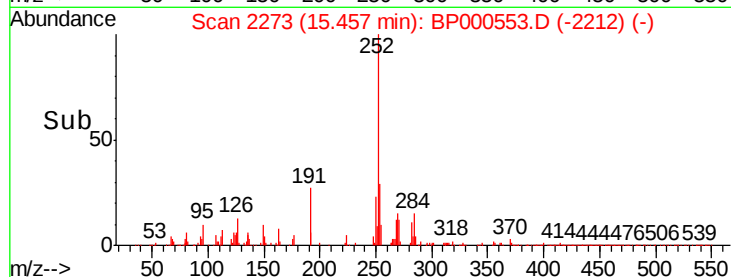
125 19.8 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 6.649 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.07 min

Lab File: BP000553.D

Acq: 07 Oct 2019 19:20

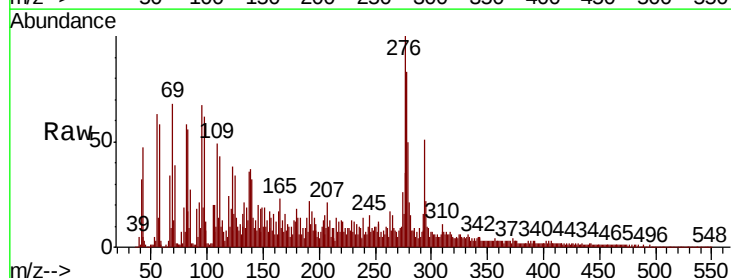
Tgt Ion:278 Resp: 232592

Ion Ratio Lower Upper

278 100

139 38.7 14.1 21.1#

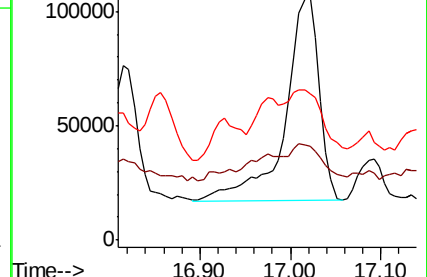
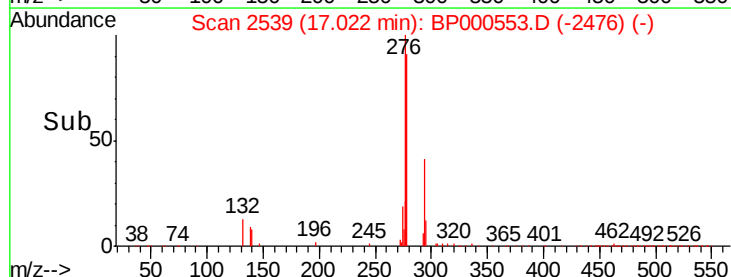
279 60.3 19.5 29.3#

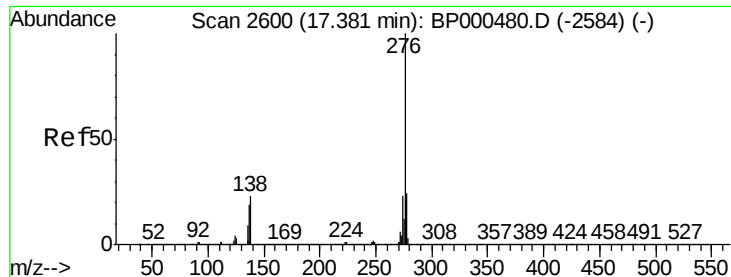


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

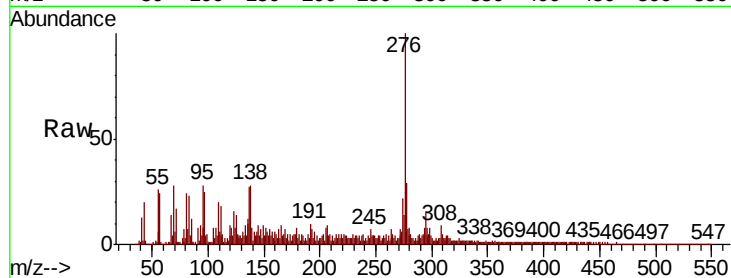




#92
 Benzo(a,h,i)perylene
 Concen: 15.308 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. 0.08 min
 Lab File: BP000553.D
 Acq: 07 Oct 2019 19:20

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.5	19.4	29.2
138	28.0	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

