

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000552.D
 Acq On : 07 Oct 2019 18:56
 Operator : JU
 Sample : K5213-05 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 08 06:09:12 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	263951	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	928100	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	350481	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	652013	20.00	ng	0.02
76) Chrysene-d12	14.01	240	598075	20.00	ng	0.03
87) Perylene-d12	15.51	264	782718	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	585542	35.66	ng	-0.01
7) Phenol-d6	6.40	99	782528	39.55	ng	-0.01
23) Nitrobenzene-d5	7.32	82	438578	28.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	168261	45.05	ng	0.01
45) 2-Fluorobiphenyl	9.13	172	703939	32.50	ng	0.00
79) Terphenyl-d14	12.93	244	643230	21.78	ng	0.02

Target Compounds

						Qvalue
18) Hexachloroethane	7.30	117	57527	8.177	ng	# 1
25) Isophorone	7.58	82	56386	2.091	ng	# 1
27) 2,4-Dimethylphenol	7.70	122	36852	3.119	ng	# 1
31) Naphthalene	8.07	128	242144	5.586	ng	# 91
32) Benzoic acid	7.84	122	20269	2.717	ng	# 38
35) Caprolactam	8.49	113	47334	10.579	ng	# 1
36) 4-Chloro-3-methylphenol	8.61	107	32991	2.522	ng	# 22
37) 2-Methylnaphthalene	8.77	142	810604	27.858	ng	99
38) 1-Methylnaphthalene	8.77	142	810604	29.483	ng	99
41) Hexachlorocyclopentadiene	9.10	237	13	7.300	ng	95
48) 2-Nitroaniline	9.33	65	15737	3.178	ng	# 83
49) Acenaphthylene	9.68	152	183486	5.945	ng	# 1
51) 2,6-Dinitrotoluene	9.60	165	75398	14.197	ng	# 78
52) Acenaphthene	9.86	154	143424	7.661	ng	# 81
53) 3-Nitroaniline	9.78	138	112288	18.453	ng	# 13
55) Dibenzofuran	10.03	168	125584	4.487	ng	# 1
56) 4-Nitrophenol	9.93	139	114837	29.559	ng	# 1
57) 2,4-Dinitrotoluene	10.03	165	54684	7.766	ng	# 61
58) Fluorene	10.37	166	295220	14.801	ng	# 80
60) Diethylphthalate	10.29	149	48394	2.093	ng	# 12
62) 4-Nitroaniline	10.25	138	47649	8.142	ng	79
65) 4,6-Dinitro-2-methylphenol	10.45	198	8387	2.902	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	710849	37.433	ng	# 46
71) Phenanthrene	11.35	178	1069863	32.672	ng	# 92
72) Anthracene	11.40	178	290398	8.944	ng	# 74
74) Di-n-butylphthalate	11.89	149	111316	3.036	ng	# 42
75) Fluoranthene	12.56	202	408163	11.098	ng	88
78) Pyrene	12.79	202	1190226	28.855	ng	96
81) Benzo(a)anthracene	13.99	228	347977	9.536	ng	# 22
83) Chrysene	14.03	228	476301	13.299	ng	# 46
86) Indeno(1,2,3-cd)pyrene	16.99	276	206595	4.618	ng	97
88) Benzo(b)fluoranthene	15.07	252	439557	9.899	ng	# 71
89) Benzo(k)fluoranthene	15.07	252	439557	10.397	ng	# 73
90) Benzo(a)pyrene	15.44	252	367903	8.888	ng	# 65

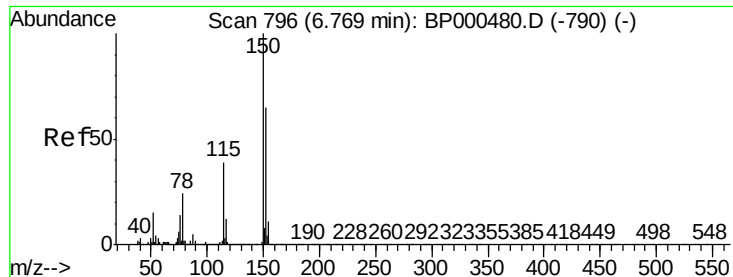
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000552.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	17.00	278	92323	2.300	ng	# 2
92) Benzo(g,h,i)perylene	17.45	276	376555	9.230	ng	# 89

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

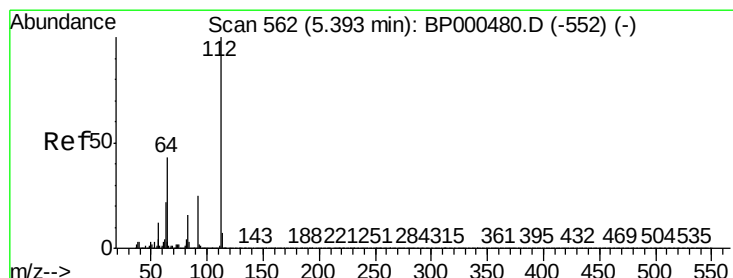
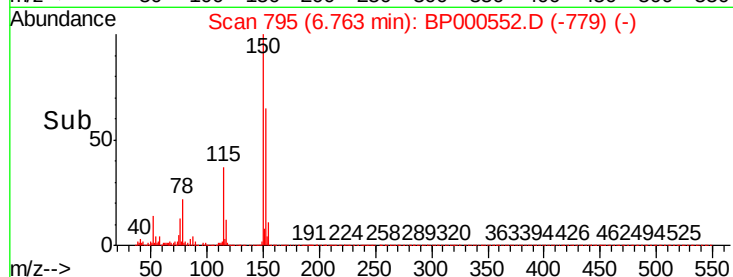
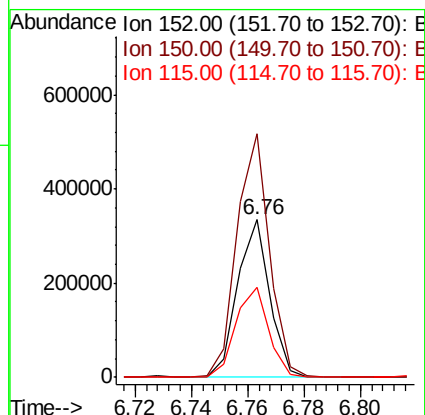
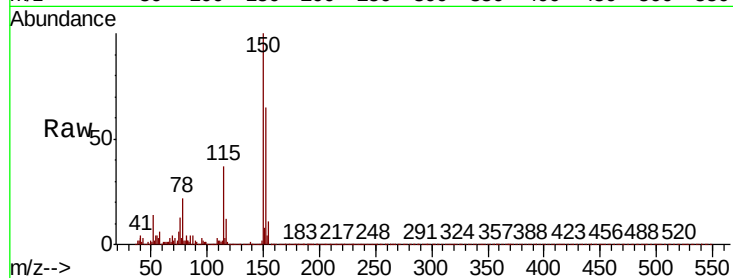


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Instrument :
BNA_P
ClientSampleId :

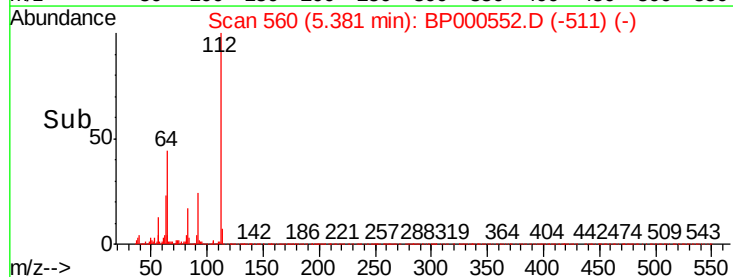
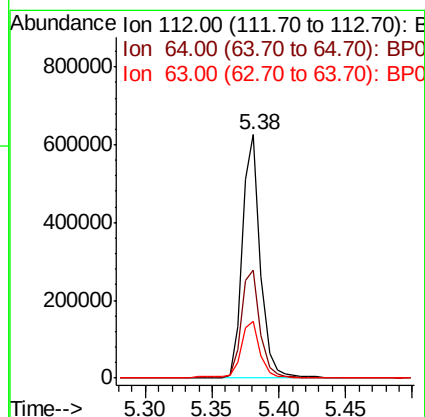
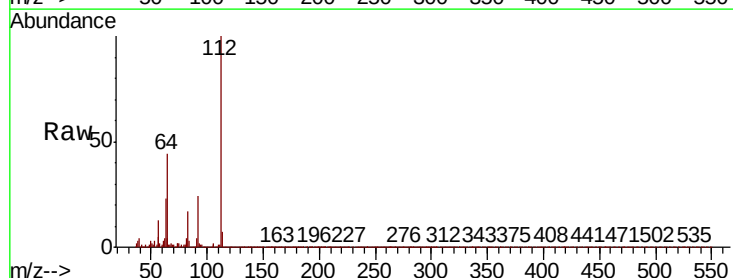
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.1	186.1
115	57.0	48.7	73.1

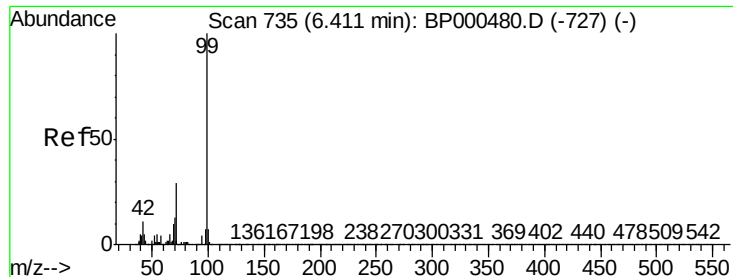


#5

2-Fluorophenol
Concen: 35.659 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	34.2	51.4
63	23.3	17.9	26.9





#7

Phenol-d6

Concen: 39.547 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampleId :

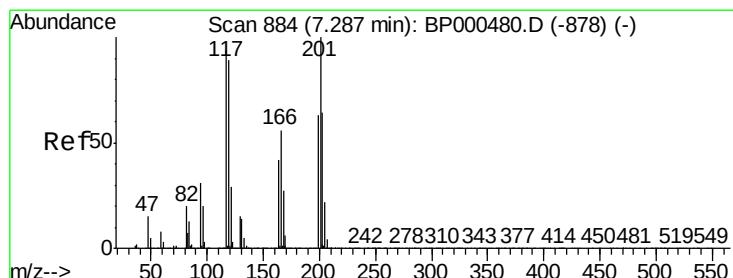
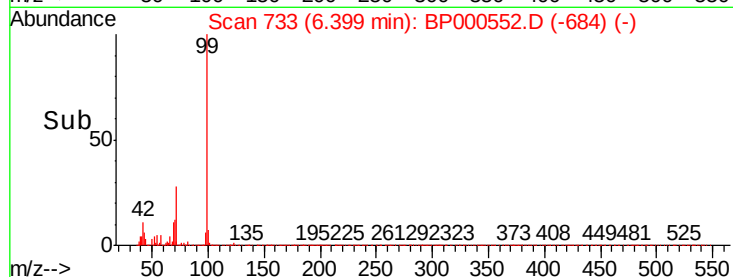
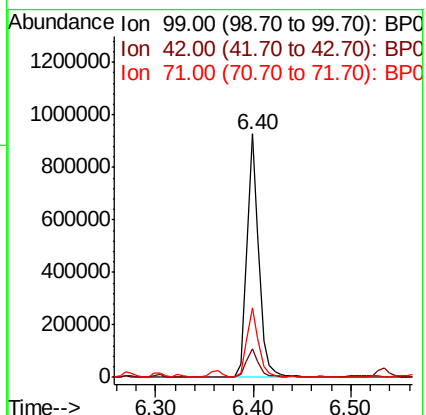
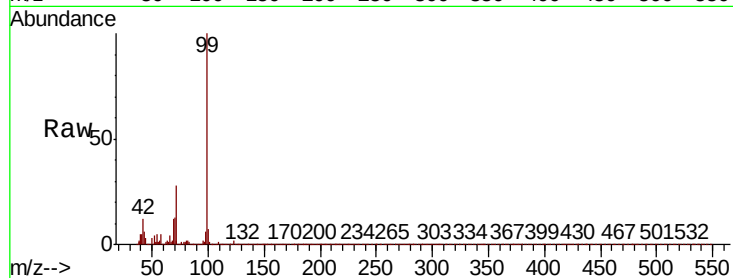
Tot Ion: 99 Resp: 782528

Ion Ratio Lower Upper

99 100

42 11.6 8.6 12.8

71 28.4 23.0 34.4



#18

Hexachloroethane

Concen: 8.177 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

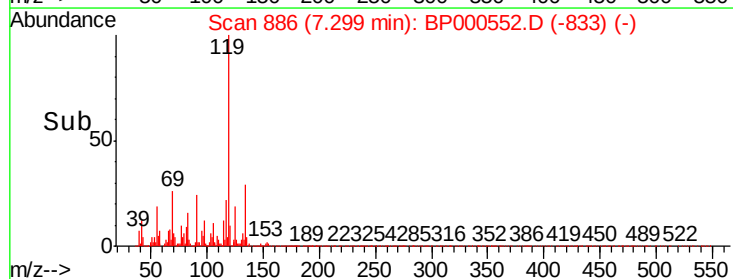
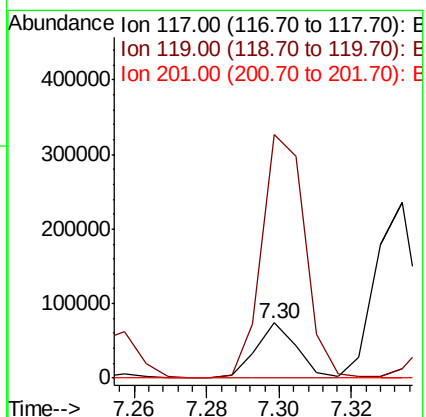
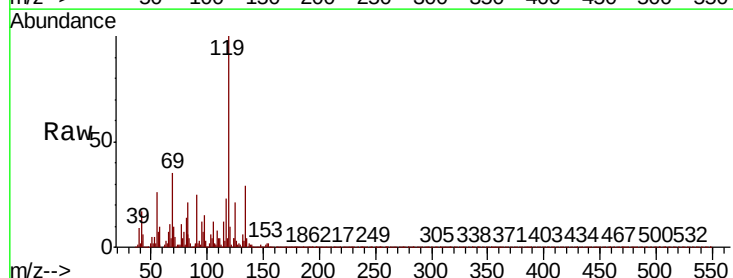
Tgt Ion: 117 Resp: 57527

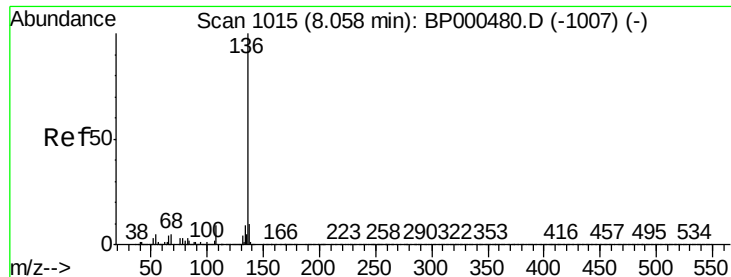
Ion Ratio Lower Upper

117 100

119 444.1 76.3 114.5#

201 0.0 85.4 128.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BP000552.D

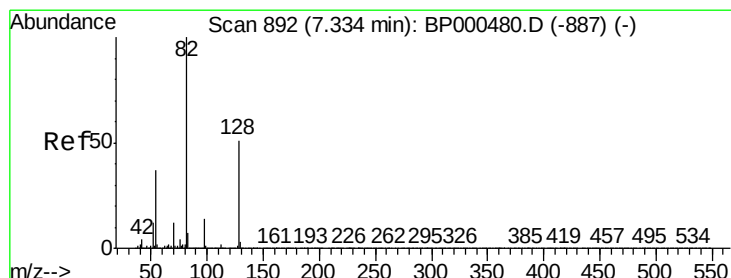
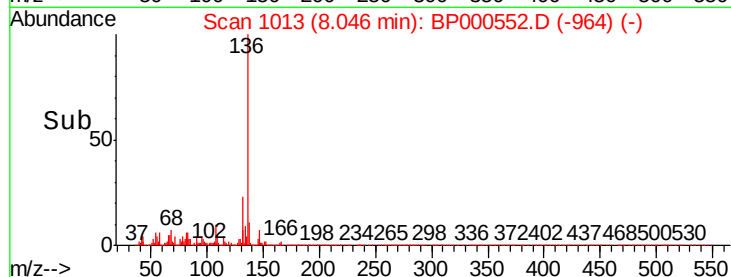
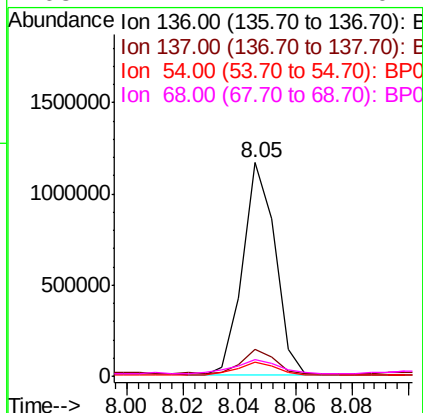
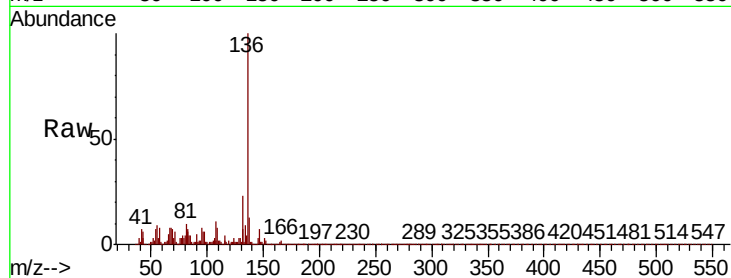
Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136	Resp:	928100
Ion Ratio	Lower	Upper
136	100	
137	12.5	8.2 12.4#
54	6.6	4.1 6.1#
68	7.7	4.1 6.1#



#23

Nitrobenzene-d5

Concen: 28.861 ng

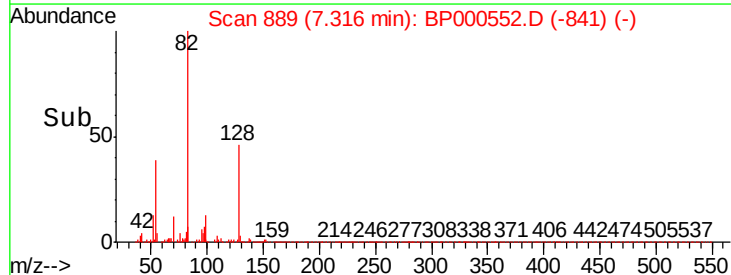
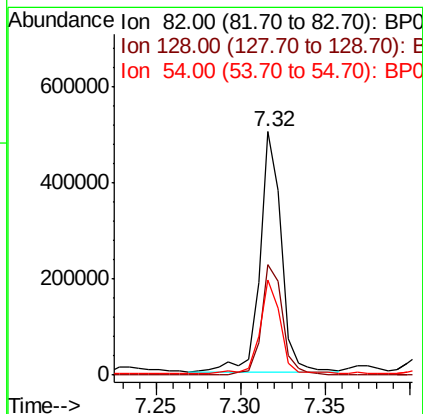
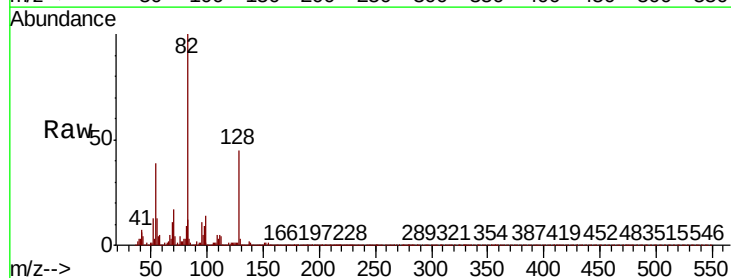
RT: 7.32 min Scan# 889

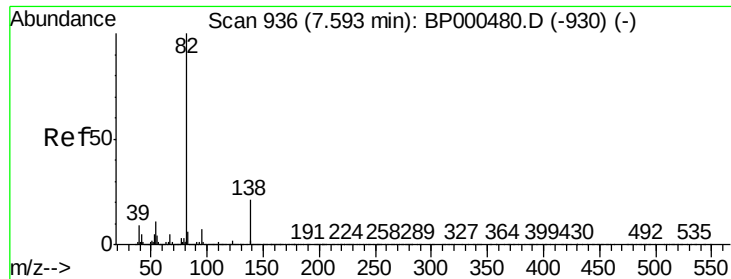
Delta R.T. -0.02 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Tgt Ion: 82	Resp:	438578
Ion Ratio	Lower	Upper
82	100	
128	45.4	40.9 61.3
54	39.0	29.4 44.2

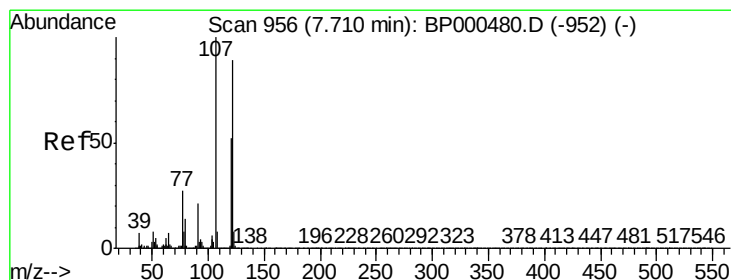
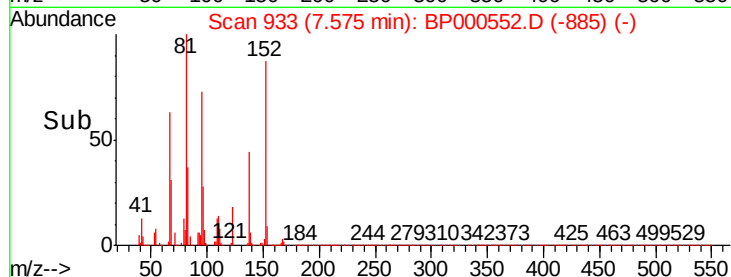
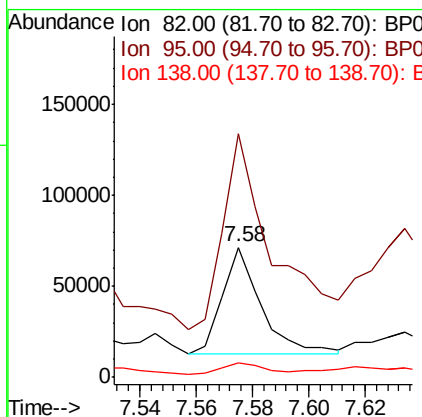
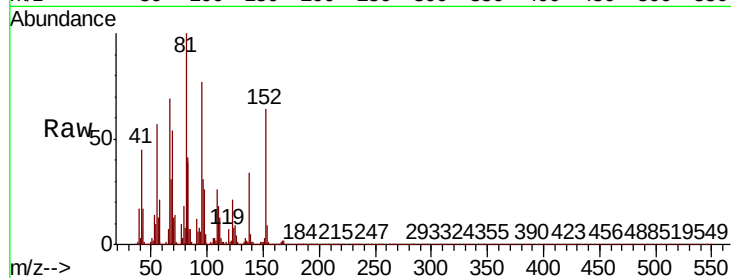




#25
Isophorone
Concen: 2.091 ng
RT: 7.58 min Scan# 933
Delta R.T. -0.02 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

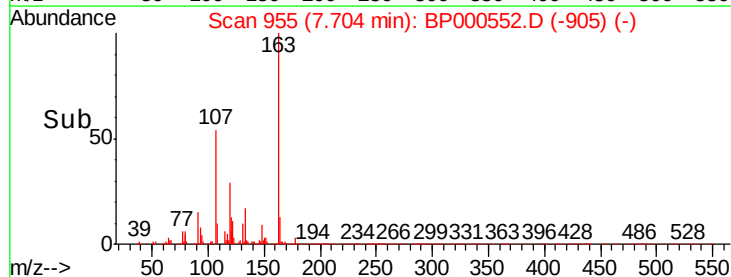
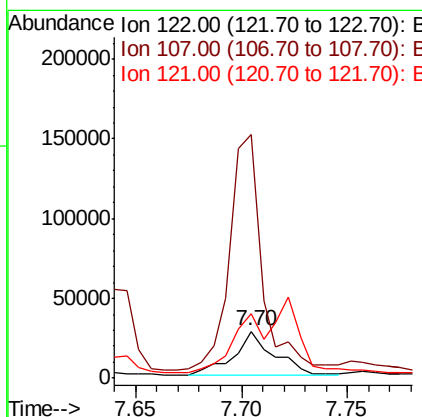
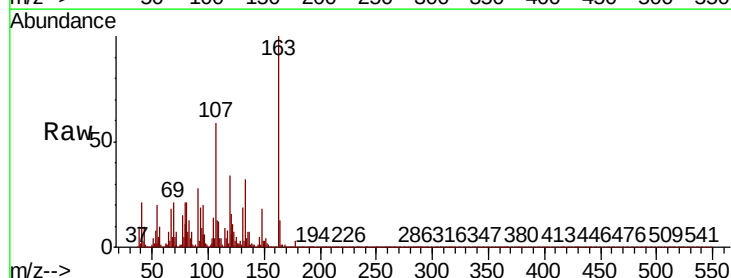
Instrument :
BNA_P
ClientSampleId :

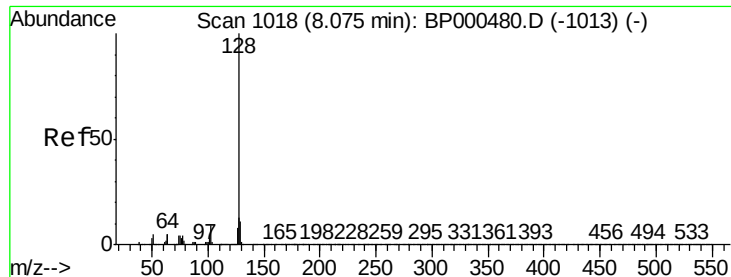
Tot Ion: 82 Resp: 56386
Ion Ratio Lower Upper
82 100
95 187.6 5.8 8.6#
138 11.3 17.0 25.4#



#27
2,4-Dimethylphenol
Concen: 3.119 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion: 122 Resp: 36852
Ion Ratio Lower Upper
122 100
107 516.7 89.9 134.9#
121 138.1 46.6 70.0#

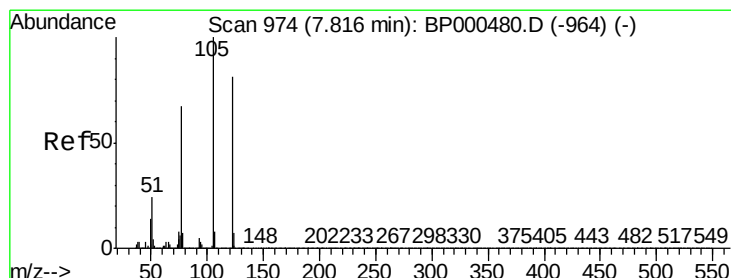
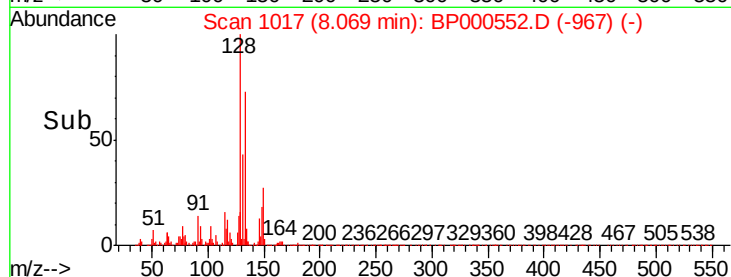
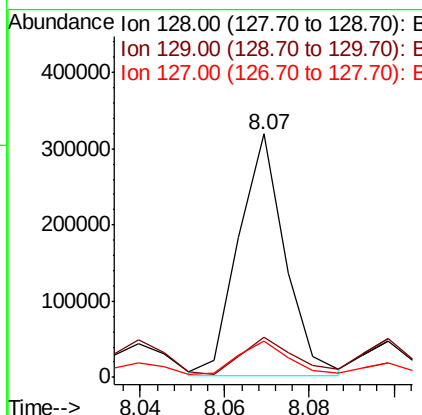
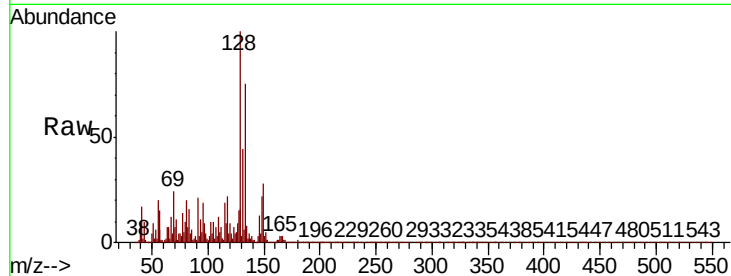




#31
Naphthalene
Concen: 5.586 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

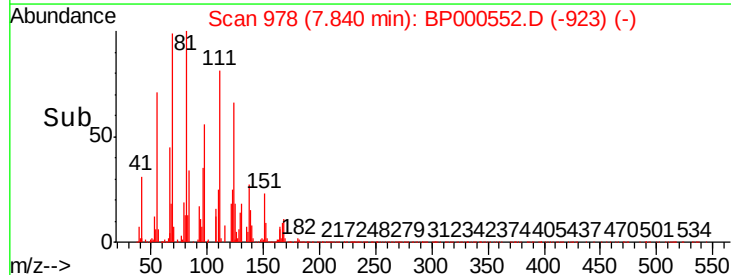
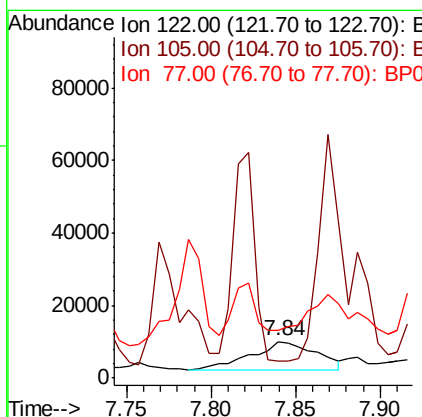
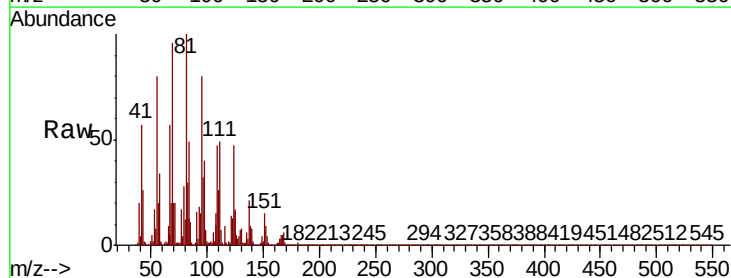
Instrument :
BNA_P
ClientSampleId :

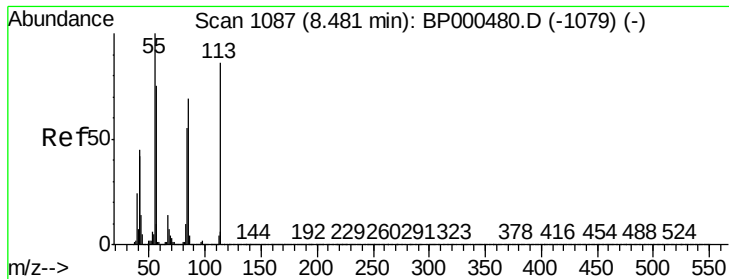
Tot Ion:128 Resp: 242144
Ion Ratio Lower Upper
128 100
129 16.5 9.0 13.6#
127 15.1 10.5 15.7



#32
Benzoic acid
Concen: 2.717 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion:122 Resp: 20269
Ion Ratio Lower Upper
122 100
105 45.6 101.4 141.4#
77 130.3 62.1 102.1#

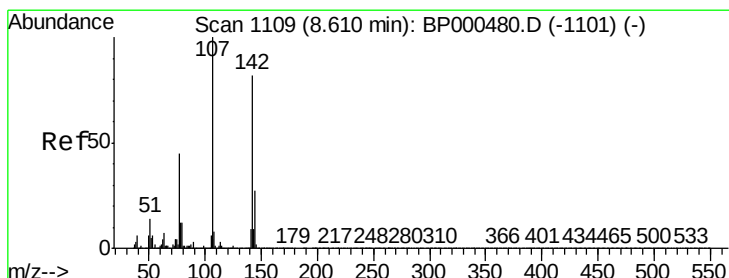
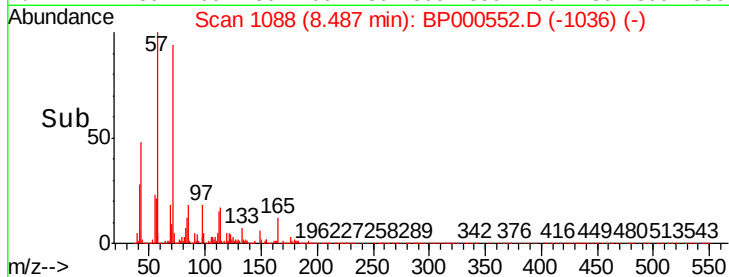
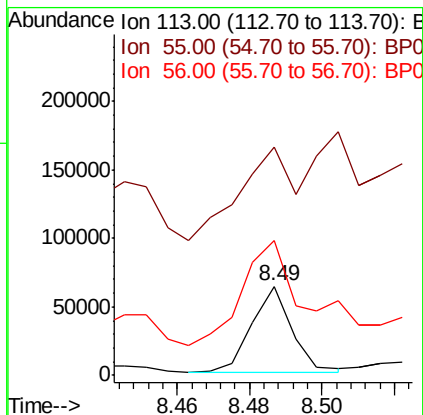
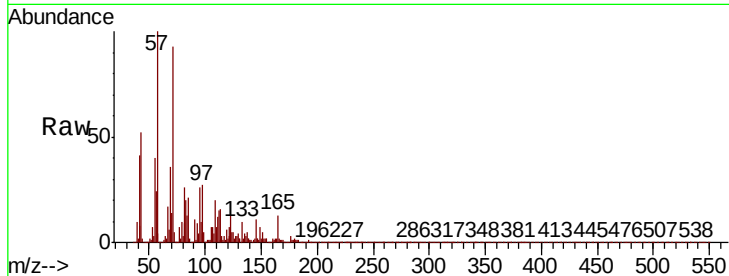




#35
Caprolactam
Concen: 10.579 ng
RT: 8.49 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

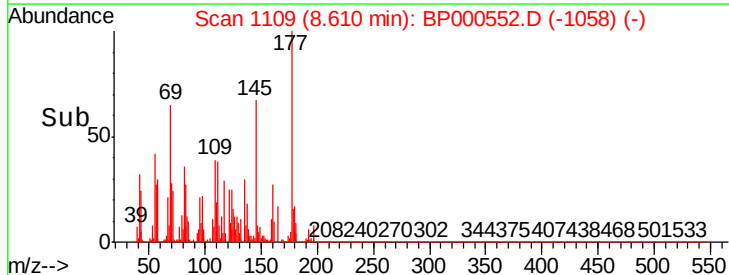
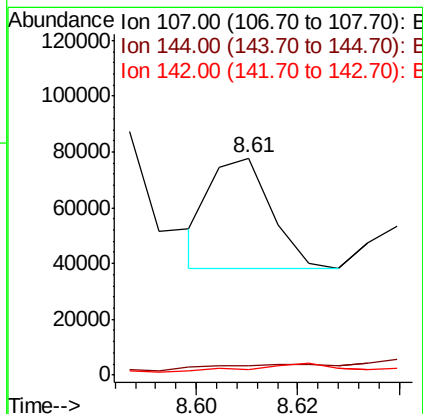
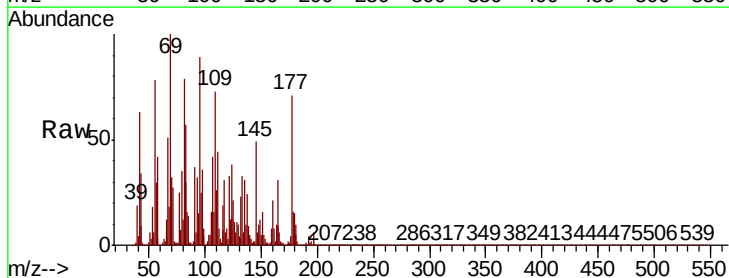
Instrument :
BNA_P
ClientSampled :

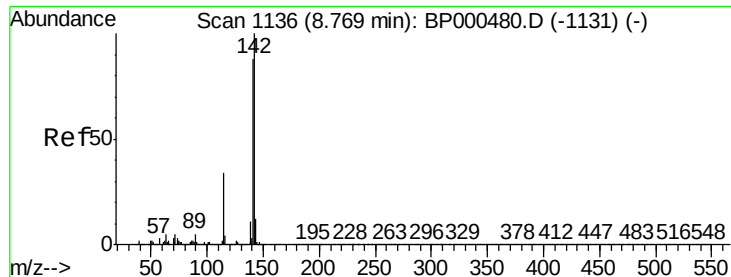
Tot Ion:113 Resp: 47334
Ion Ratio Lower Upper
113 100
55 256.3 95.9 135.9#
56 151.7 67.2 107.2#



#36
4-Chloro-3-methylphenol
Concen: 2.522 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion:107 Resp: 32991
Ion Ratio Lower Upper
107 100
144 4.2 21.8 32.8#
142 2.6 65.5 98.3#





#37

2-Methylnaphthalene

Concen: 27.858 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampleId :

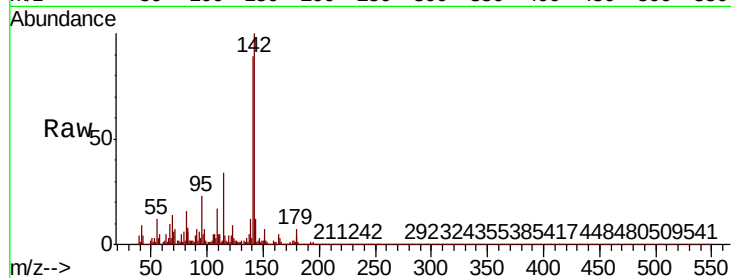
Tot Ion:142 Resp: 810604

Ion Ratio Lower Upper

142 100

141 88.8 70.6 106.0

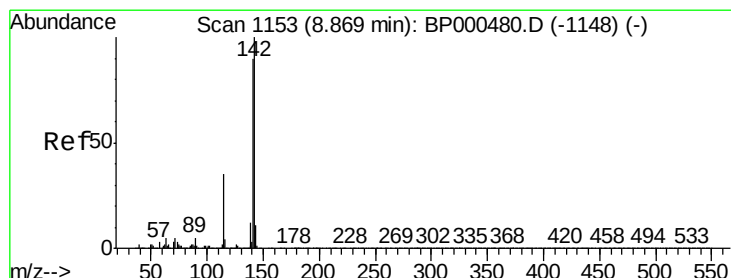
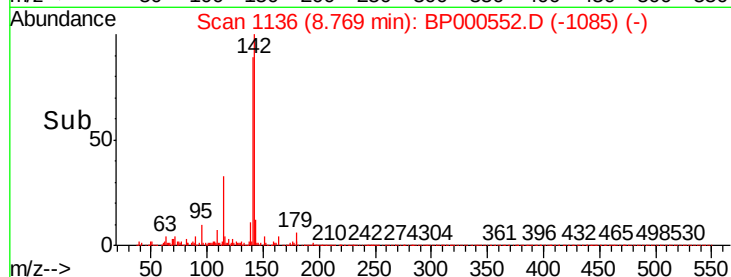
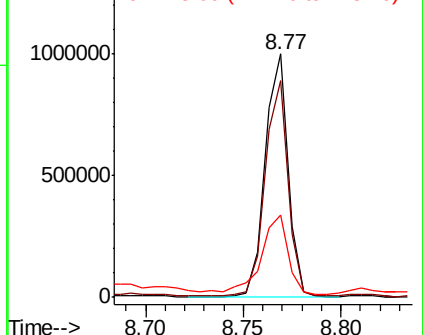
115 33.6 27.4 41.0



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: 29.483 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.10 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

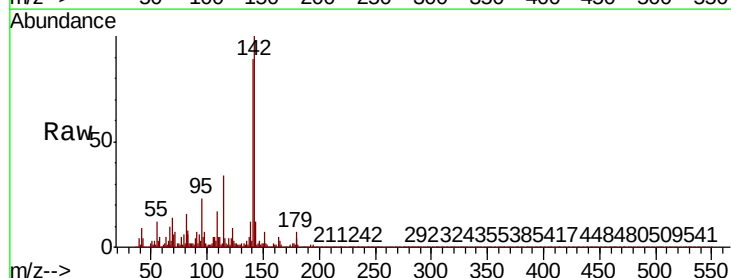
Tgt Ion:142 Resp: 810604

Ion Ratio Lower Upper

142 100

141 88.8 71.9 107.9

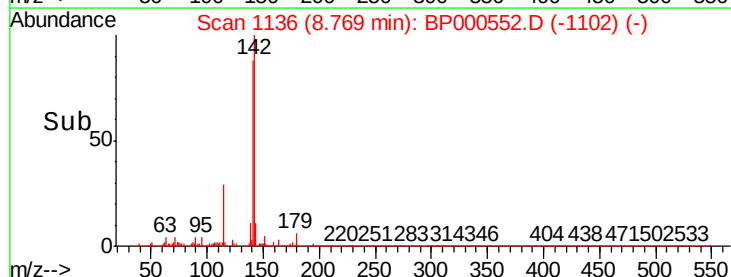
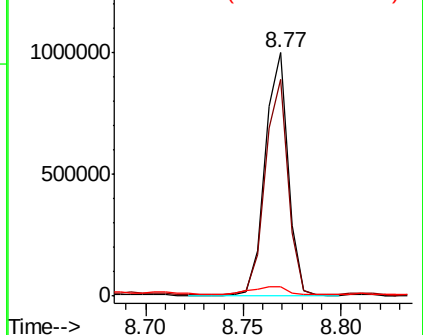
116 3.9 3.0 4.4

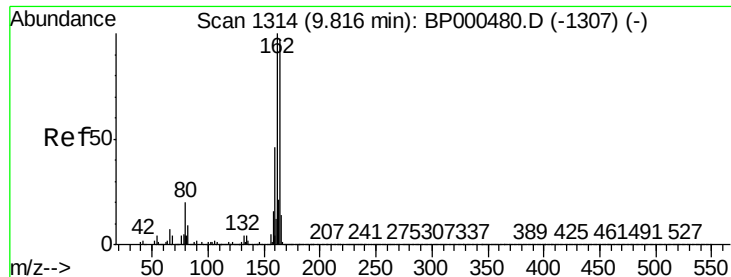


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

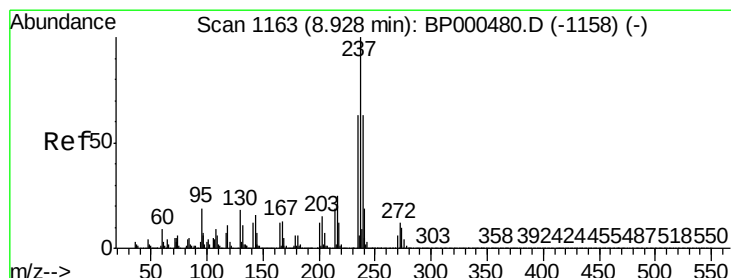
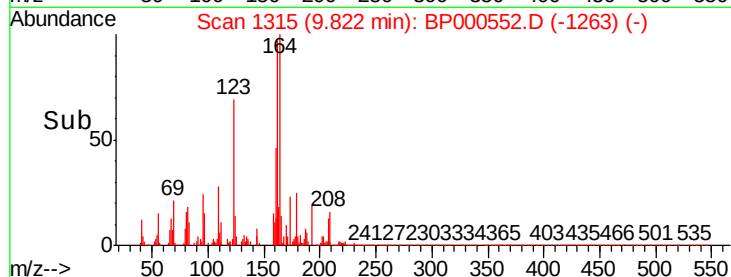
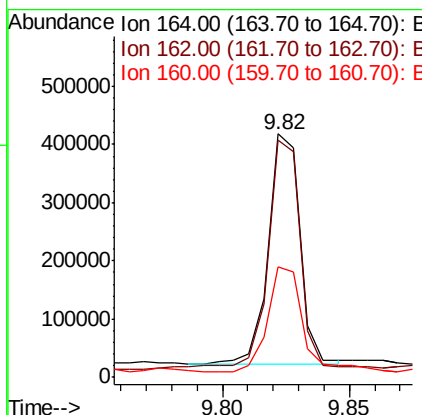
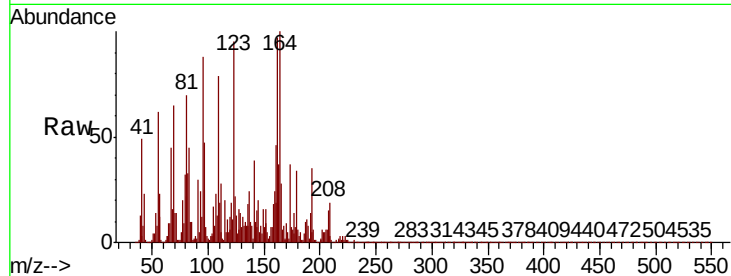




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

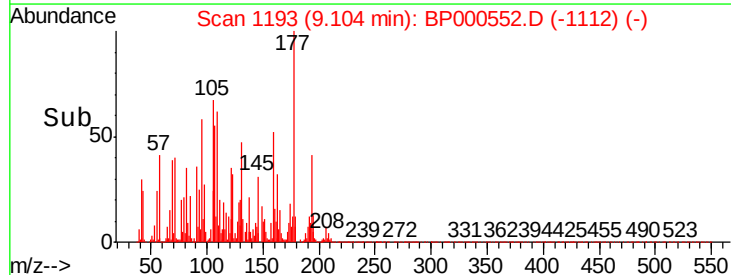
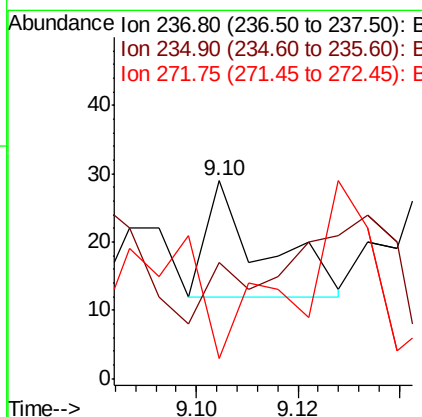
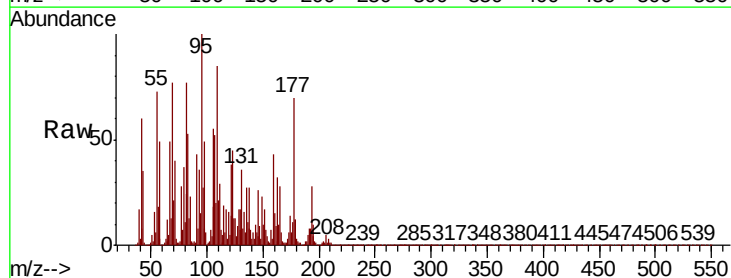
Instrument :
BNA_P
ClientSampled :

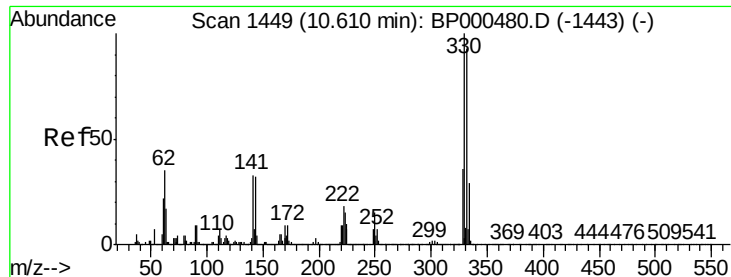
Tot Ion:164 Resp: 350481
Ion Ratio Lower Upper
164 100
162 97.2 82.2 123.2
160 45.5 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.18 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 58.6 42.9 82.9
272 10.3 0.0 32.4

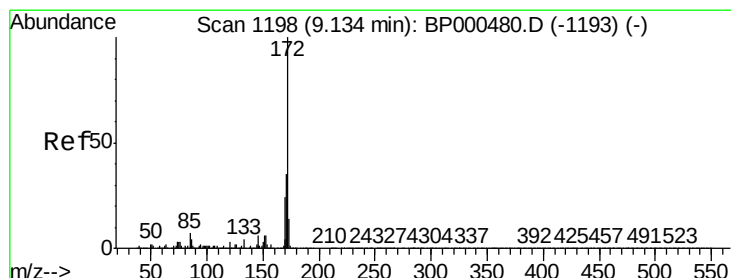
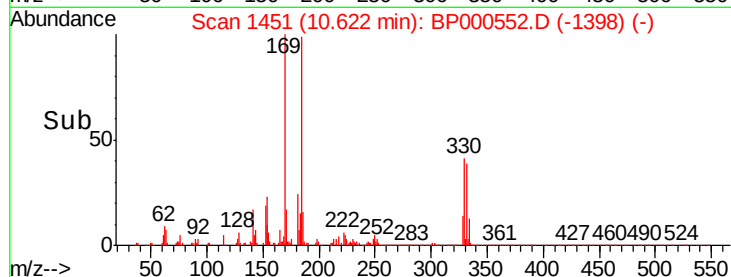
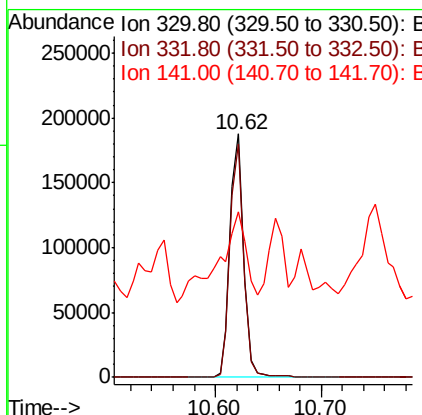
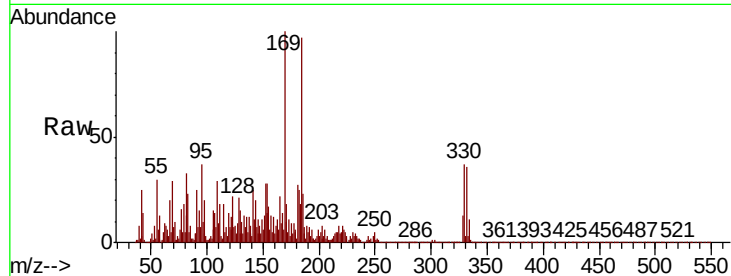




#42
2,4,6-Tribromophenol
Concen: 45.052 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

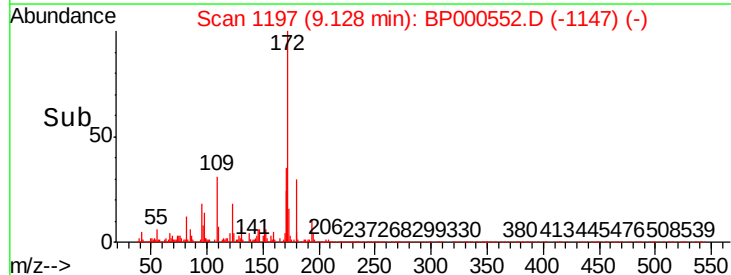
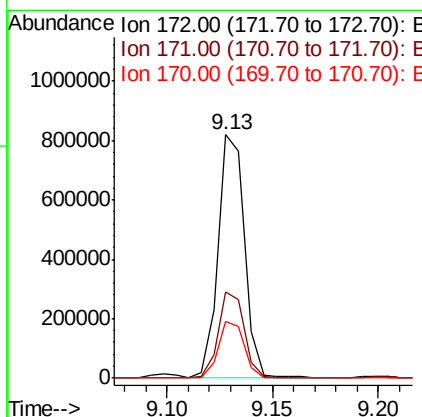
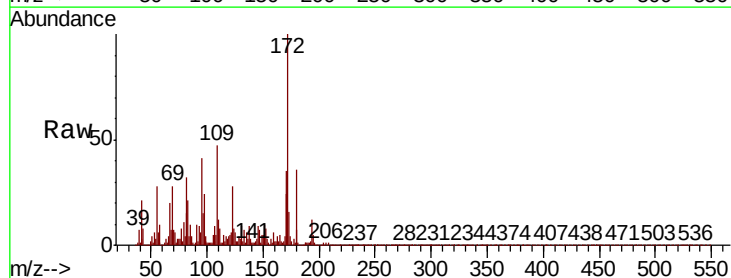
Instrument :
BNA_P
ClientSampled :

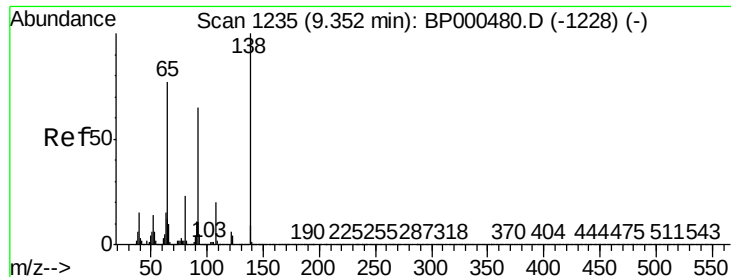
Tot Ion:330 Resp: 168261
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 78.1 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 32.497 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion:172 Resp: 703939
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 19.1 28.7

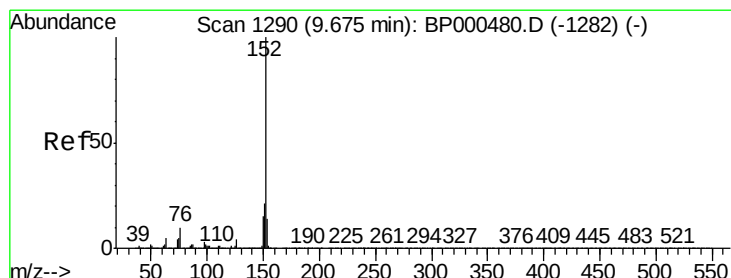
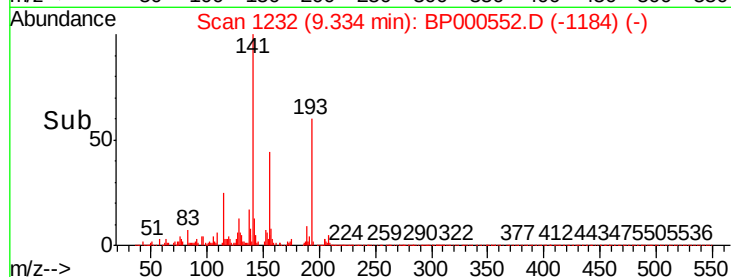
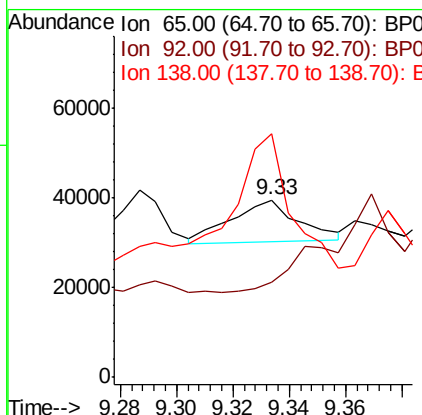
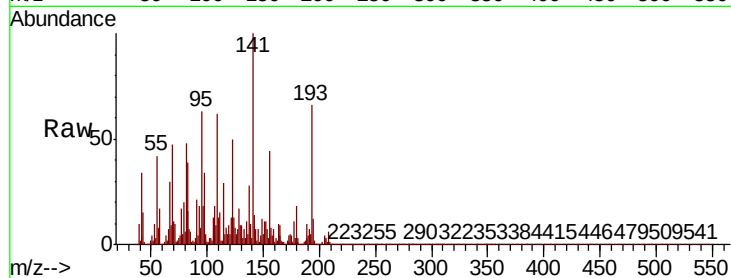




#48
2-Nitroaniline
Concen: 3.178 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

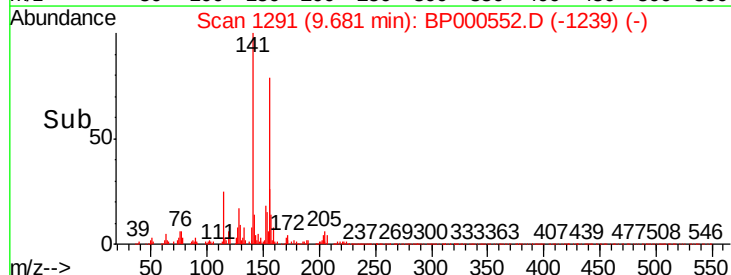
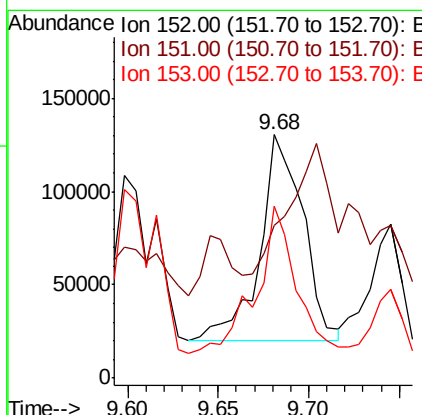
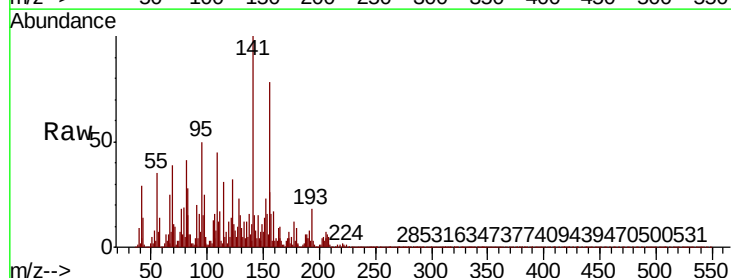
Instrument :
BNA_P
ClientSampled :

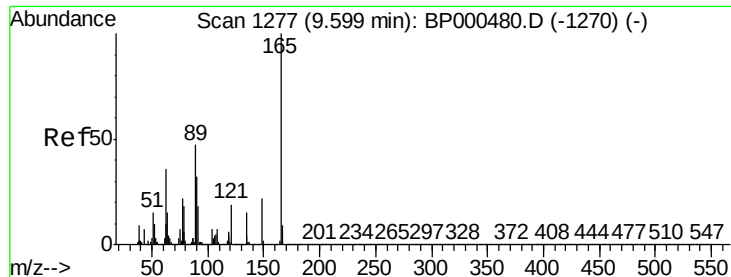
Tot Ion: 65 Resp: 15737
Ion Ratio Lower Upper
65 100
92 53.9 67.0 100.4#
138 137.5 103.5 155.3



#49
Acenaphthylene
Concen: 5.945 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion: 152 Resp: 183486
Ion Ratio Lower Upper
152 100
151 62.6 16.6 25.0#
153 70.5 11.0 16.6#





#51

2,6-Dinitrotoluene

Concen: 14.197 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BP000552.D

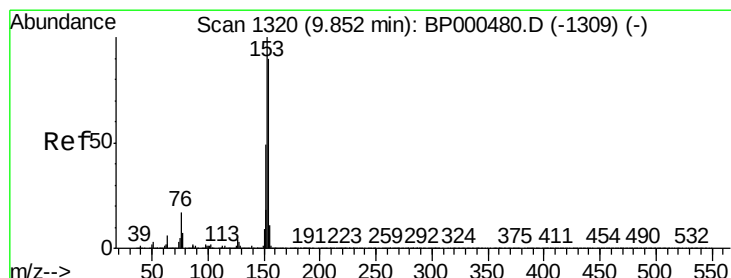
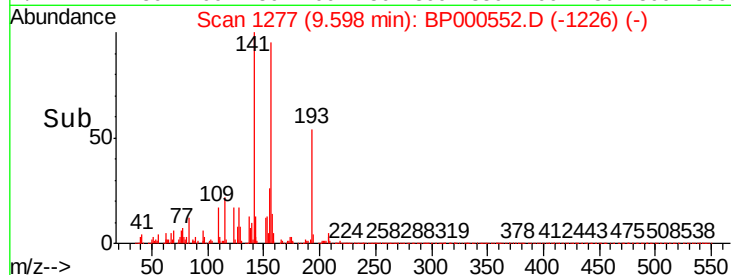
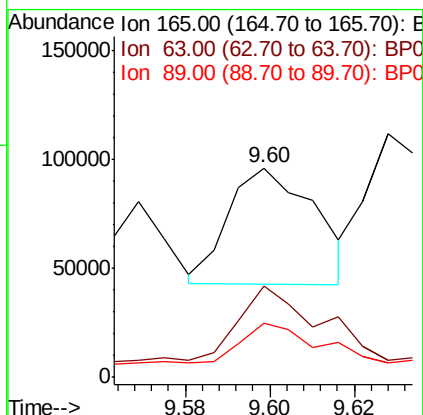
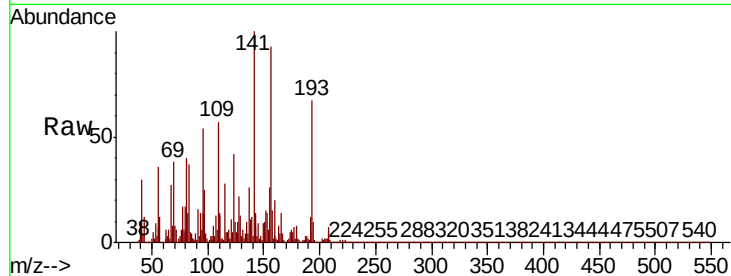
Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampled :

Tot Ion:165	Resp:	75398
Ion Ratio	Lower	Upper
165	100	
63	43.6	29.9 44.9
89	25.9	37.3 55.9#



#52

Acenaphthene

Concen: 7.661 ng

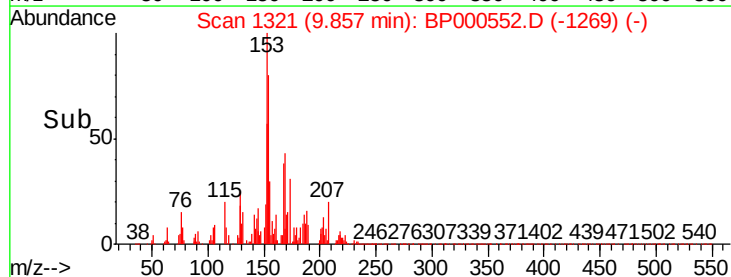
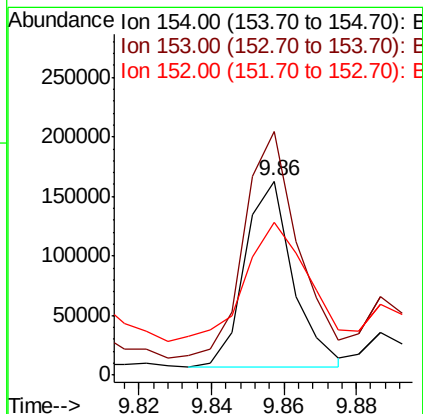
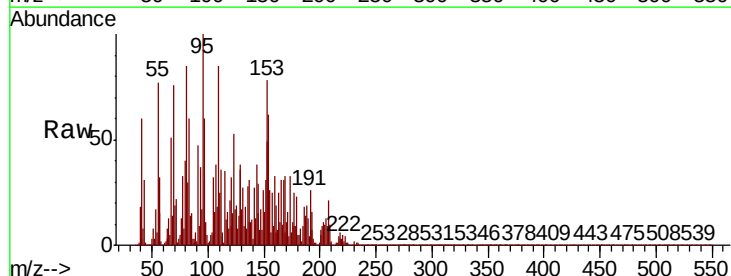
RT: 9.86 min Scan# 1321

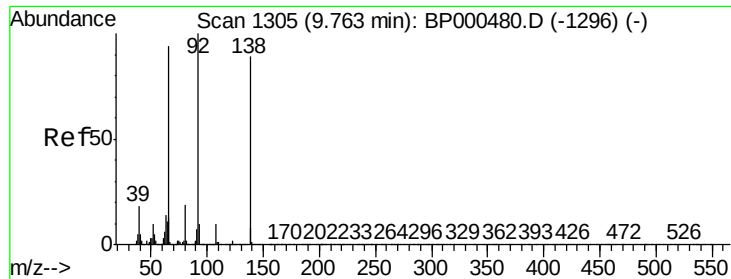
Delta R.T. 0.01 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Tgt Ion:154	Resp:	143424
Ion Ratio	Lower	Upper
154	100	
153	125.3	89.4 134.0
152	78.5	43.8 65.8#

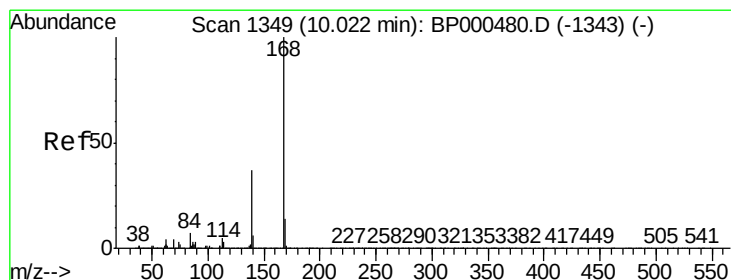
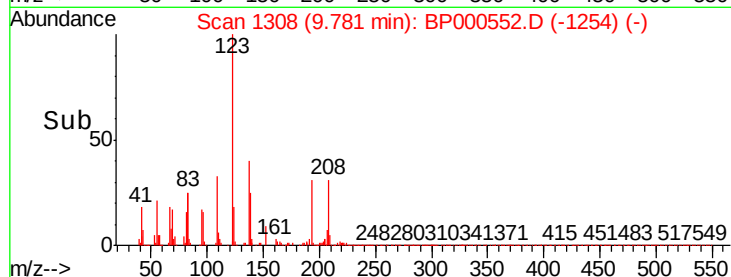
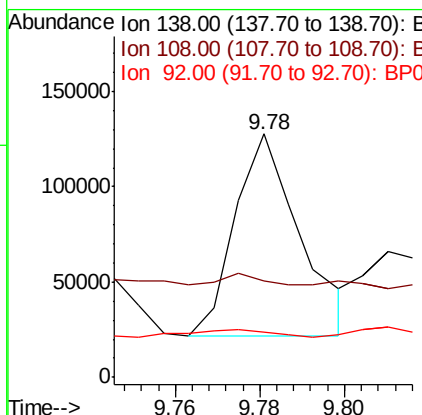
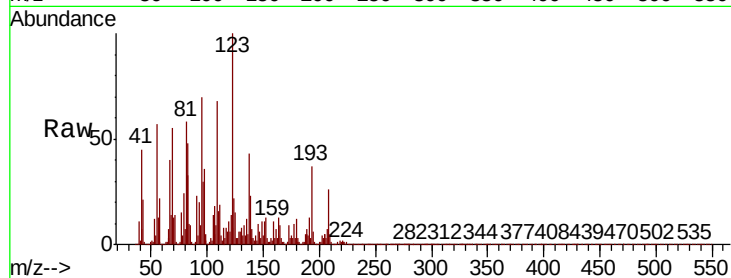




#53
3-Nitroaniline
Concen: 18.453 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

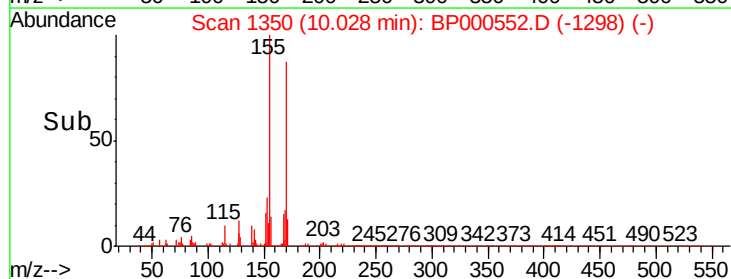
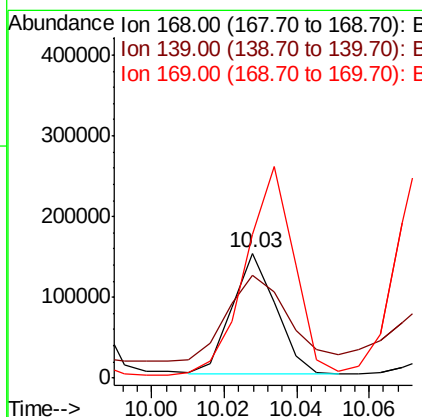
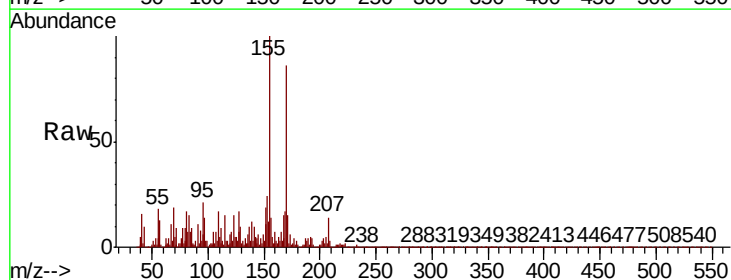
Instrument :
BNA_P
ClientSampleId :

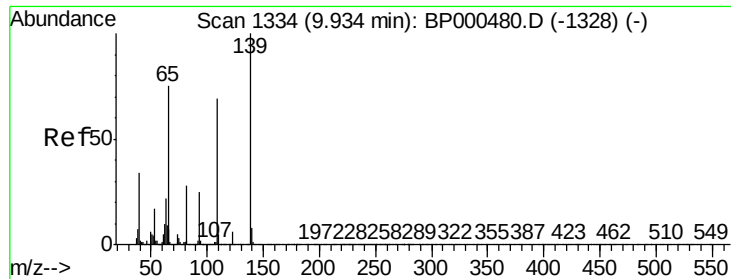
Tot Ion:138 Resp: 112288
Ion Ratio Lower Upper
138 100
108 39.7 8.8 13.2#
92 18.3 90.4 135.6#



#55
Dibenzofuran
Concen: 4.487 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion:168 Resp: 125584
Ion Ratio Lower Upper
168 100
139 82.6 29.5 44.3#
169 115.4 11.1 16.7#

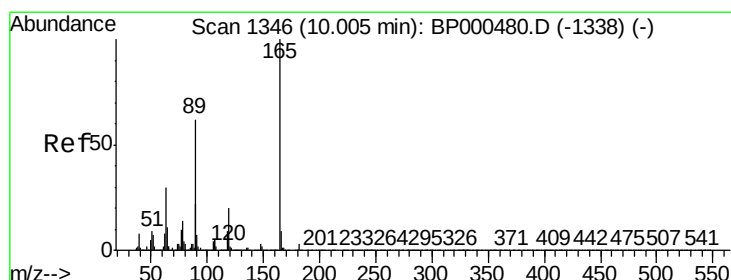
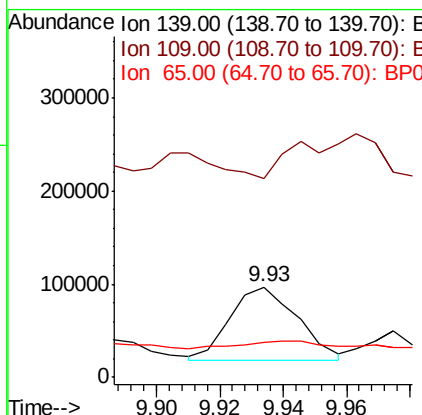
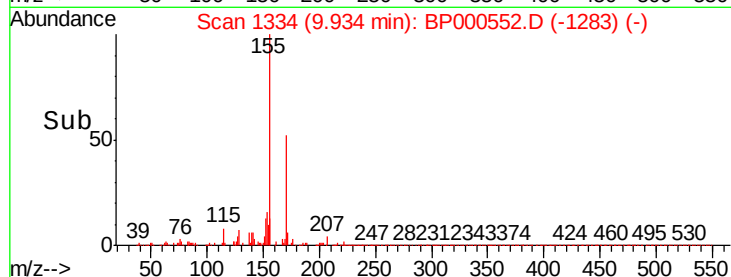
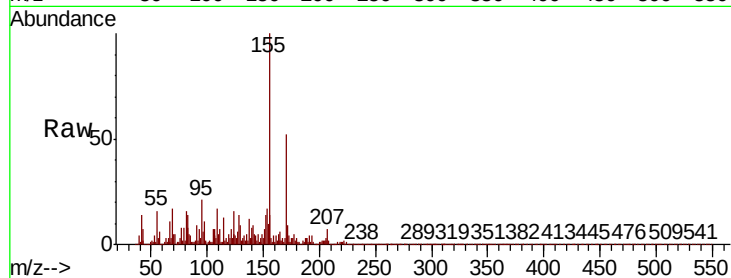




#56
4-Nitrophenol
Concen: 29.559 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

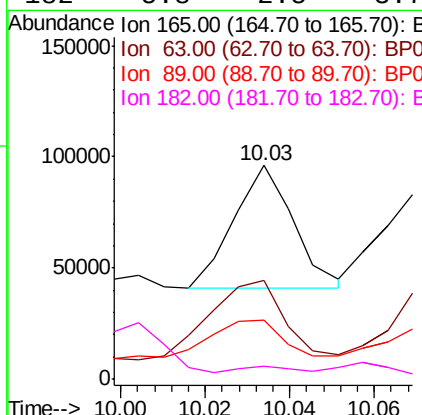
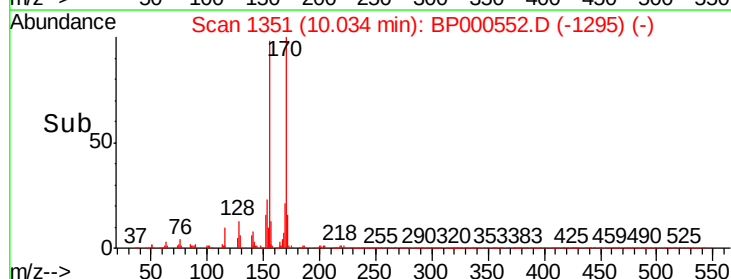
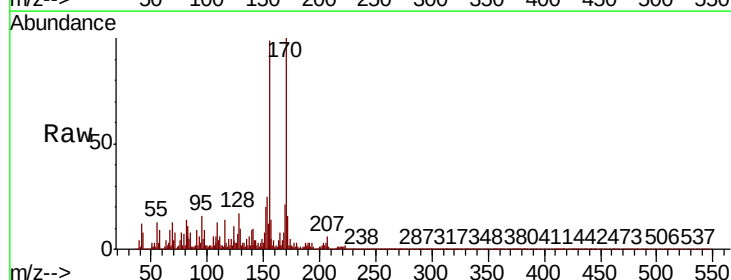
Instrument :
BNA_P
ClientSampleId :

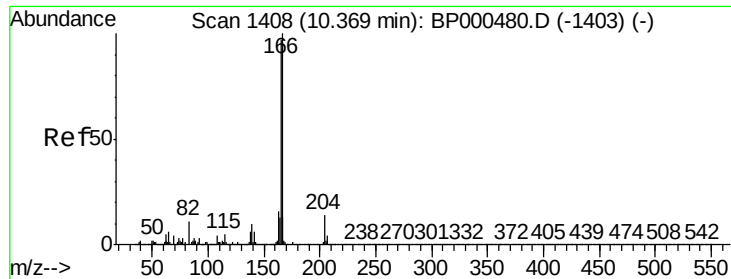
Tot Ion	Ratio	Lower	Upper
139	100		
109	220.0	48.6	88.6#
65	38.5	55.3	95.3#



#57
2,4-Dinitrotoluene
Concen: 7.766 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.03 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.2	24.2	36.4#
89	27.3	49.4	74.0#
182	5.8	2.5	3.7#

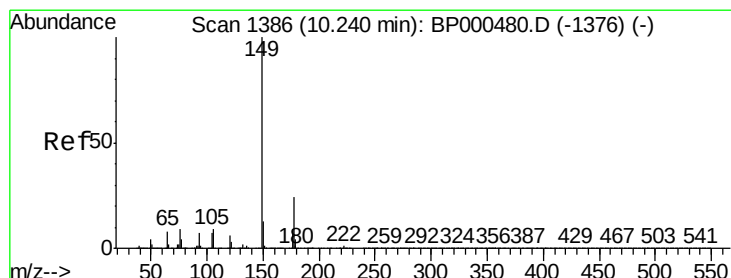
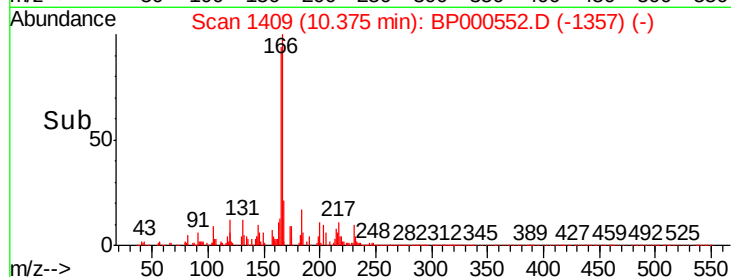
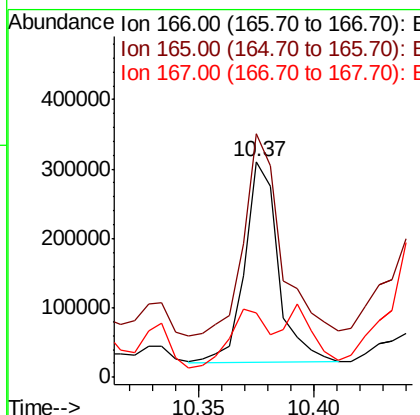
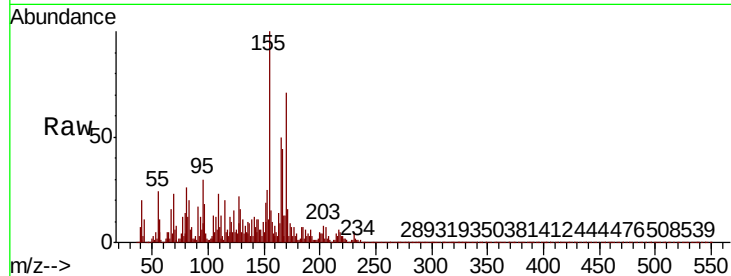




#58
 Fluorene
 Concen: 14.801 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BP000552.D
 Acq: 07 Oct 2019 18:56

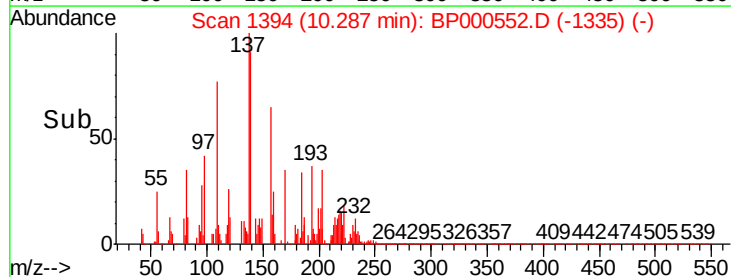
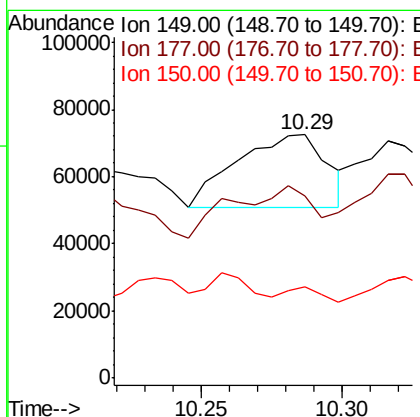
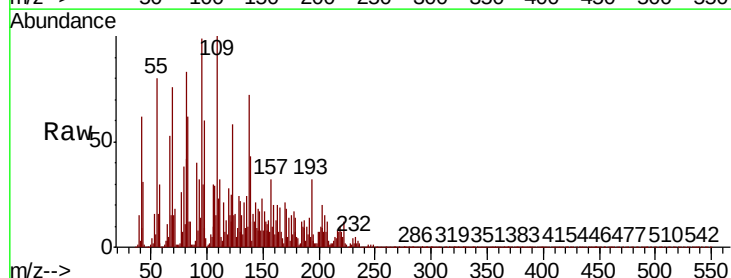
Instrument :
 BNA_P
 ClientSampled :

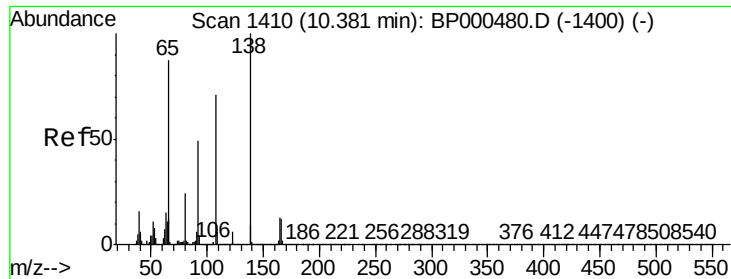
Tot Ion:166 Resp: 295220
 Ion Ratio Lower Upper
 166 100
 165 113.0 77.3 115.9
 167 29.7 10.6 16.0#



#60
 Diethylphthalate
 Concen: 2.093 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.05 min
 Lab File: BP000552.D
 Acq: 07 Oct 2019 18:56

Tgt Ion:149 Resp: 48394
 Ion Ratio Lower Upper
 149 100
 177 75.0 19.0 28.6#
 150 37.5 10.8 16.2#

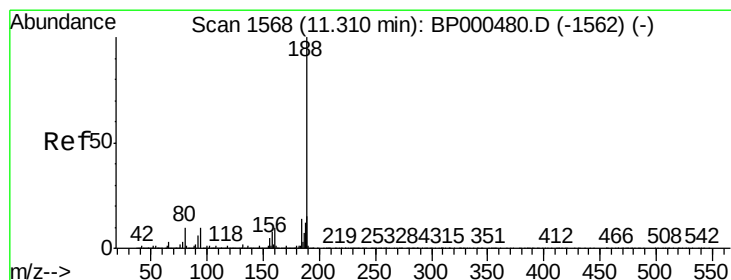
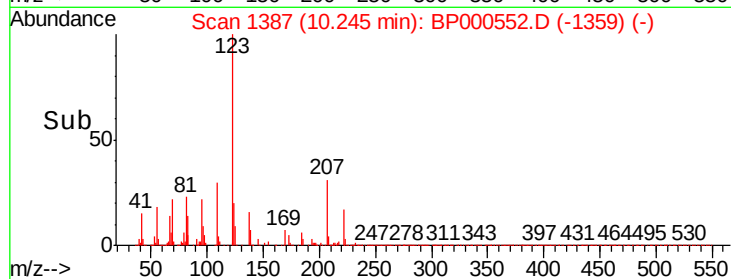
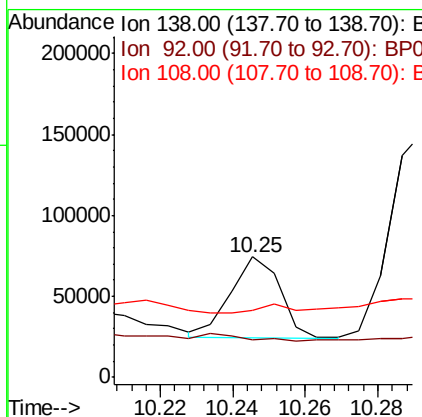
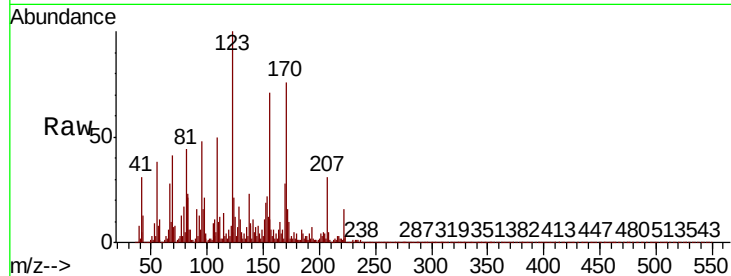




#62
4-Nitroaniline
Concen: 8.142 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.14 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

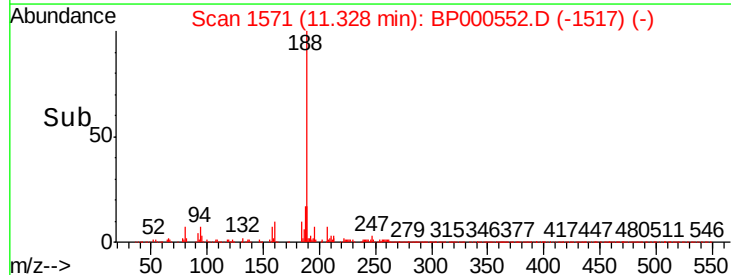
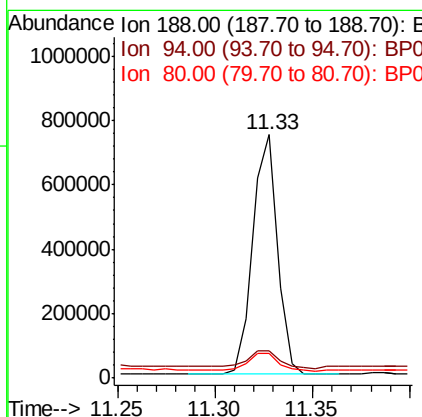
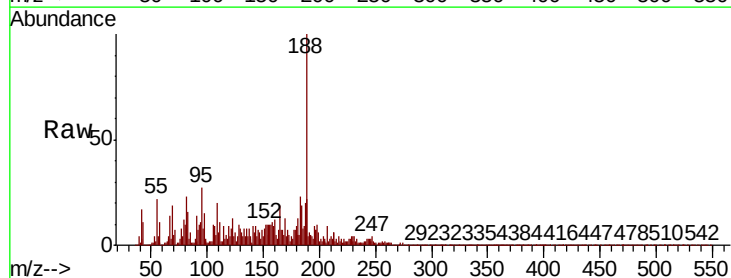
Instrument :
BNA_P
ClientSampleId :

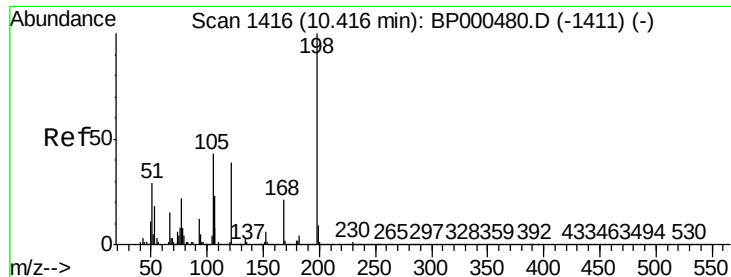
Tot Ion:138 Resp: 47649
Ion Ratio Lower Upper
138 100
92 31.0 28.7 68.7
108 55.8 50.6 90.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion:188 Resp: 652013
Ion Ratio Lower Upper
188 100
94 11.1 8.2 12.2
80 10.0 8.3 12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 2.902 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.03 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampleId :

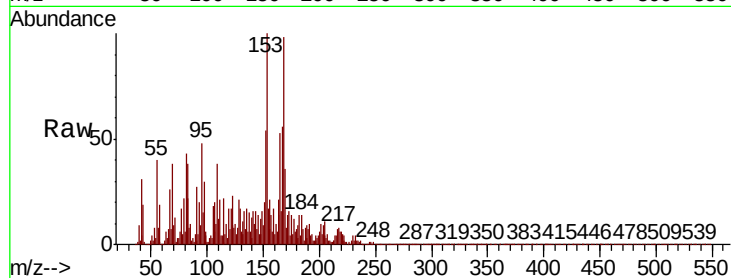
Tot Ion:198 Resp: 8387

Ion Ratio Lower Upper

198 100

51 166.1 12.8 52.8#

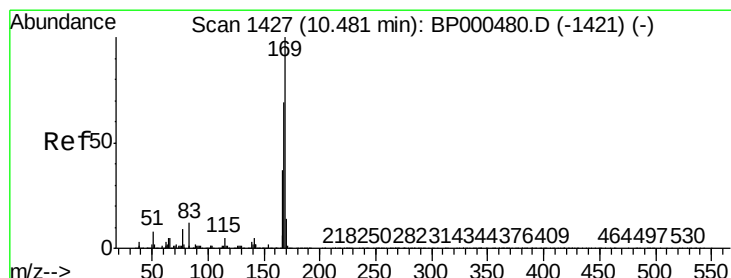
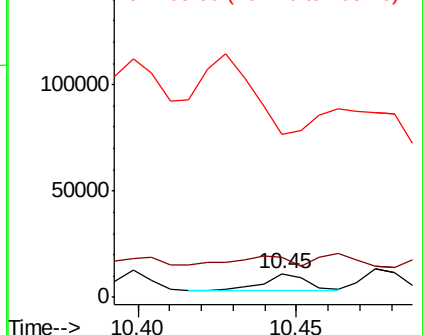
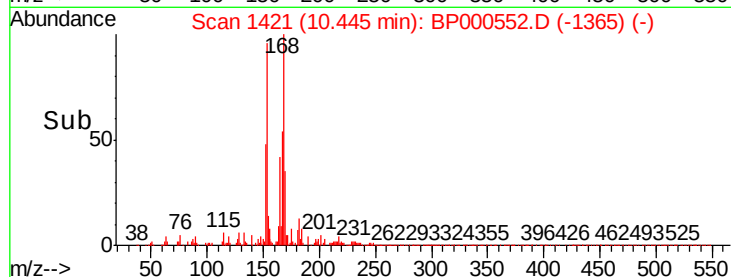
105 684.3 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.433 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

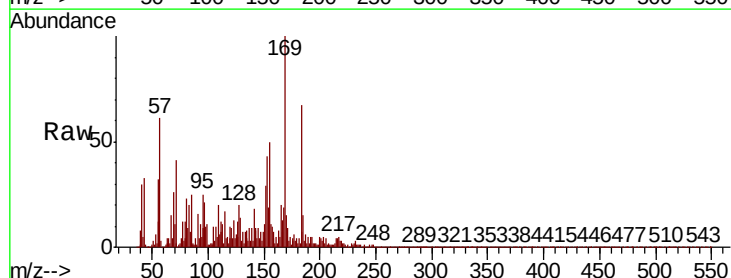
Tgt Ion:169 Resp: 710849

Ion Ratio Lower Upper

169 100

168 19.2 55.4 83.2#

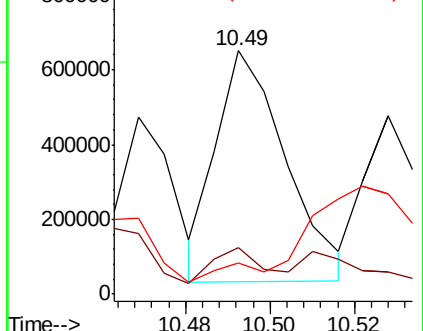
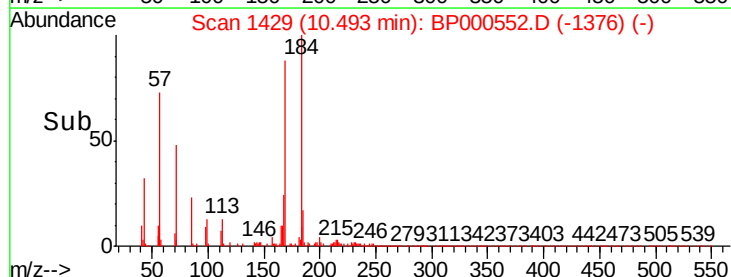
167 12.6 29.4 44.2#

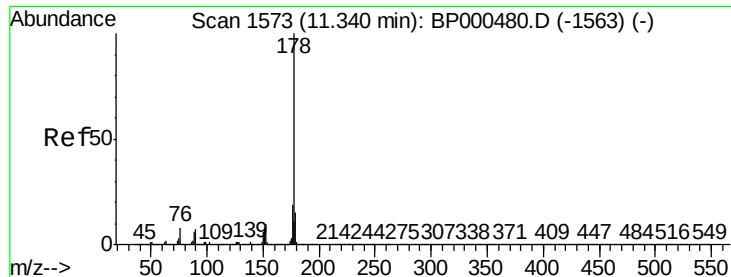


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 32.672 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampleId :

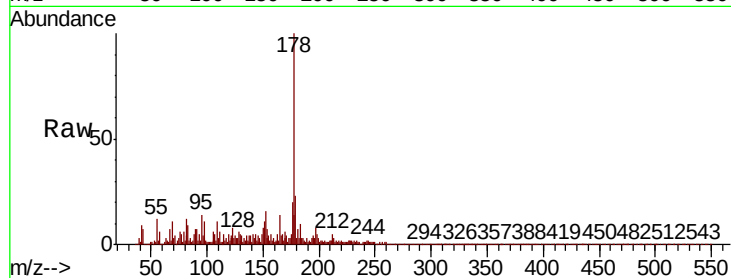
Tot Ion:178 Resp: 1069863

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

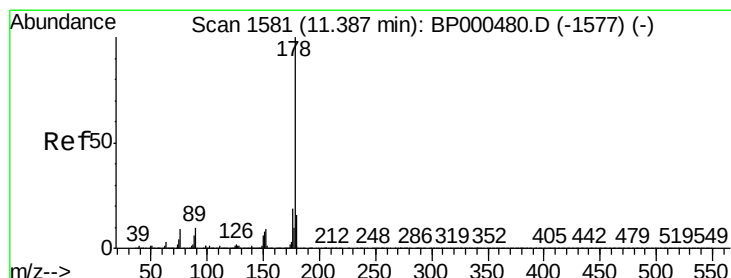
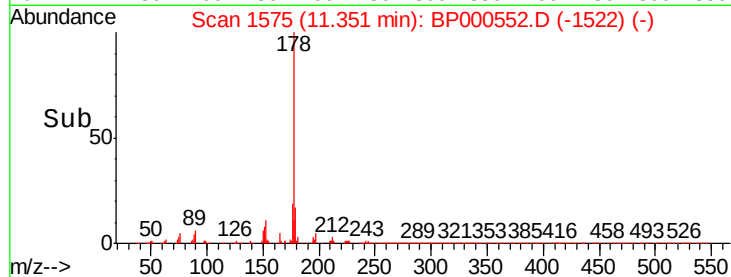
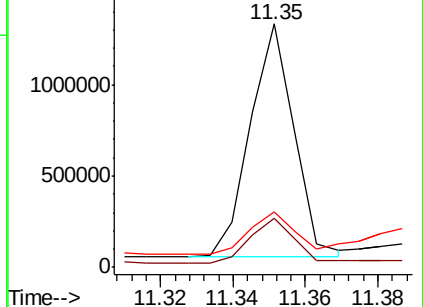
179 22.5 12.2 18.4#



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: 8.944 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.02 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

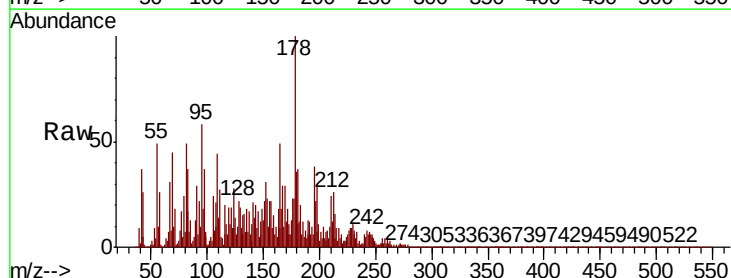
Tgt Ion:178 Resp: 290398

Ion Ratio Lower Upper

178 100

176 23.0 15.4 23.0

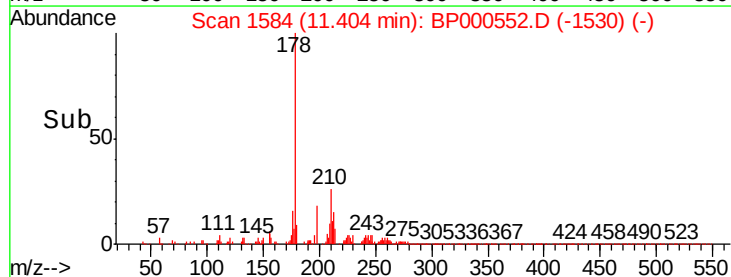
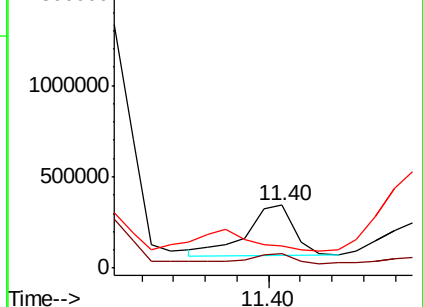
179 35.6 12.6 19.0#

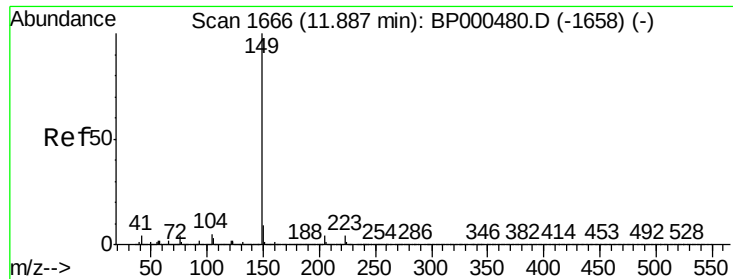


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 3.036 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampleId :

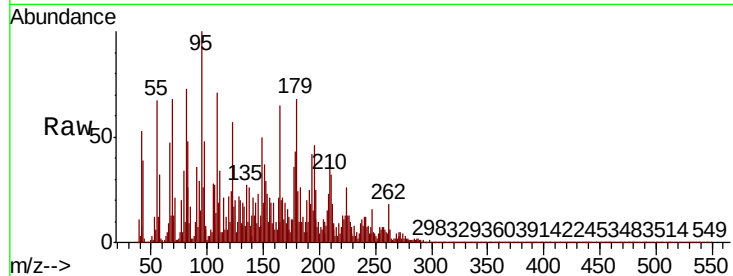
Tot Ion:149 Resp: 111316

Ion Ratio Lower Upper

149 100

150 38.2 7.4 11.2#

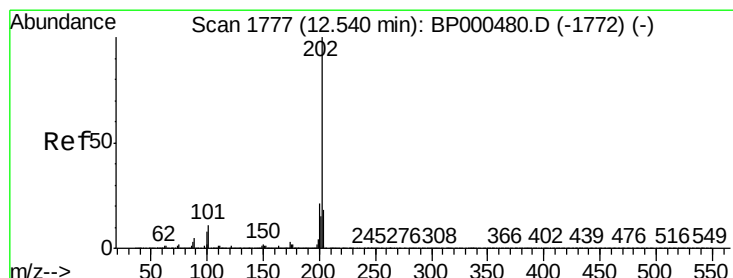
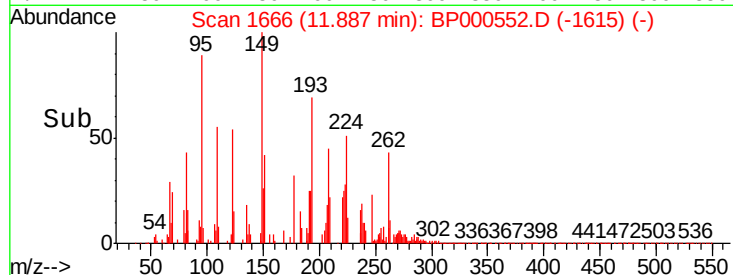
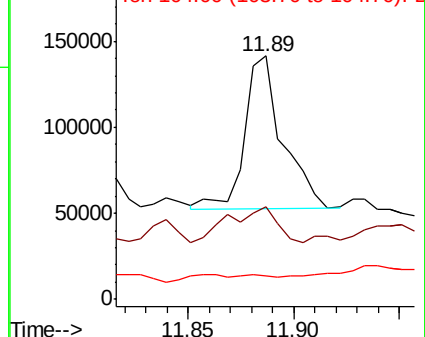
104 9.7 3.7 5.5#



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: 11.098 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

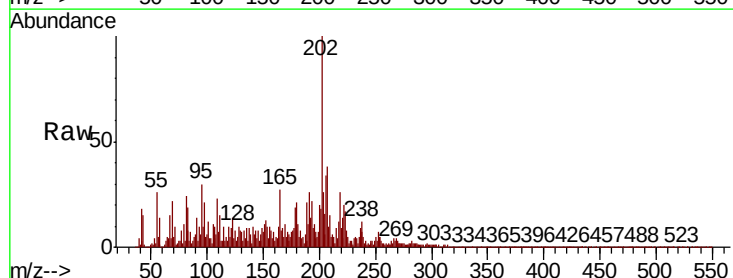
Tgt Ion:202 Resp: 408163

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.3

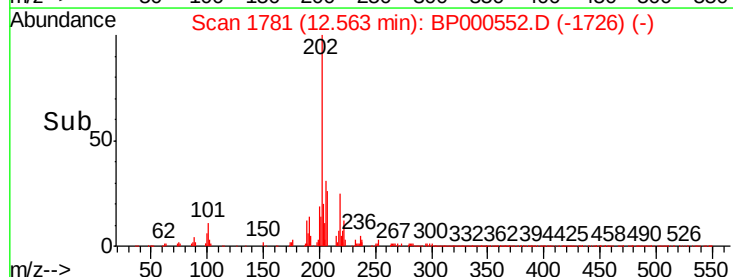
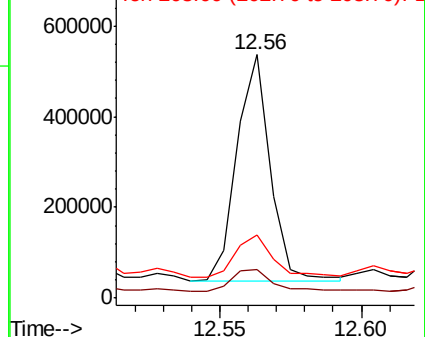
203 26.0 0.0 38.1

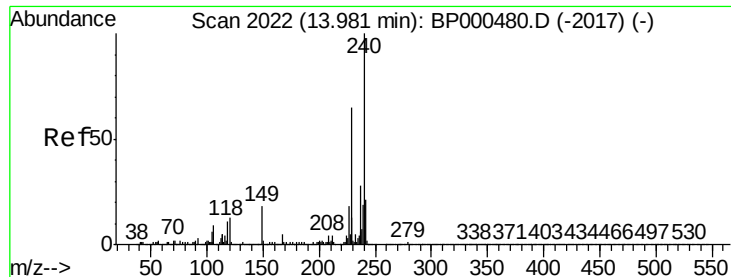


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 2027

Delta R.T. 0.03 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

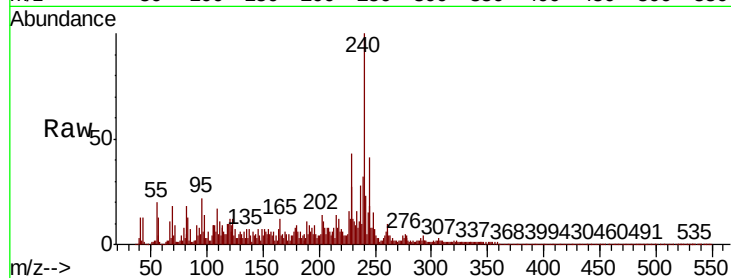
Instrument :

BNA_P

ClientSampleId :

Tot Ion:240 Resp: 598075

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.1	15.1
236	28.5	22.7	34.1

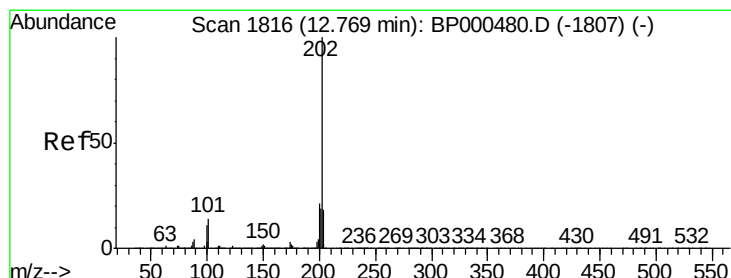
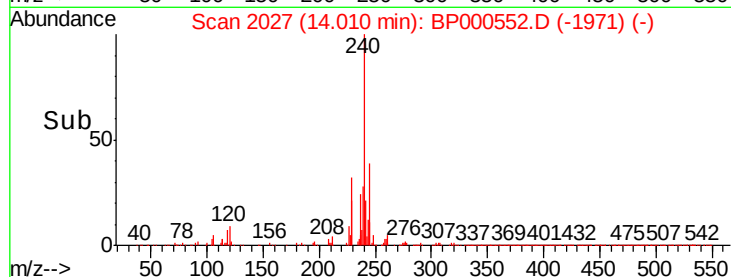
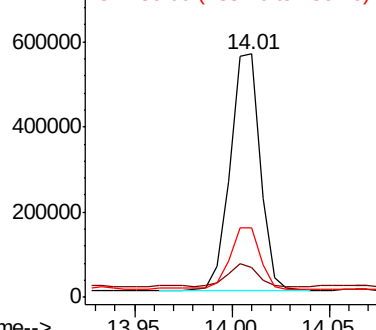


Abundance

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

Pyrene

Concen: 28.855 ng

RT: 12.79 min Scan# 1820

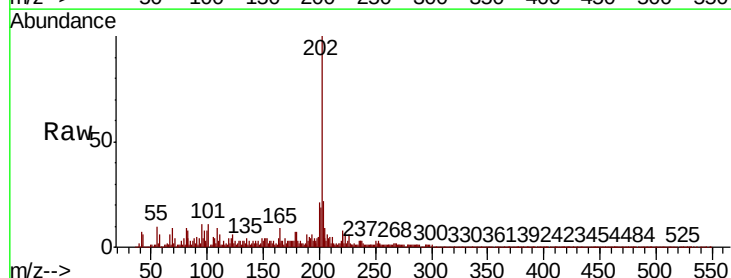
Delta R.T. 0.02 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Tgt Ion:202 Resp: 1190226

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	21.7	14.6	21.8

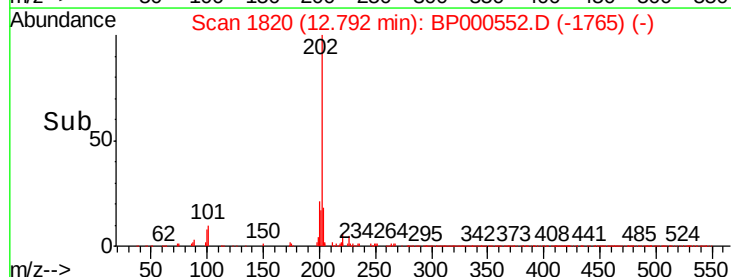
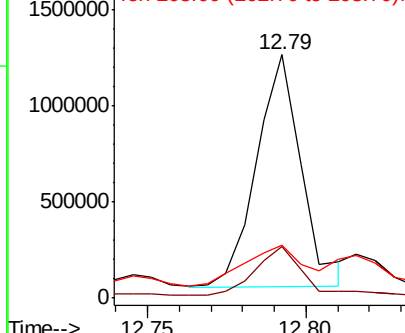


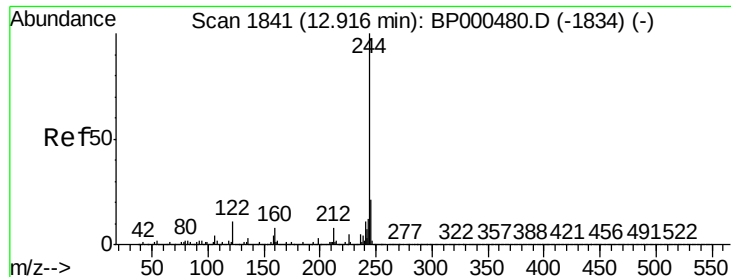
Abundance

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: 21.776 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.02 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampled :

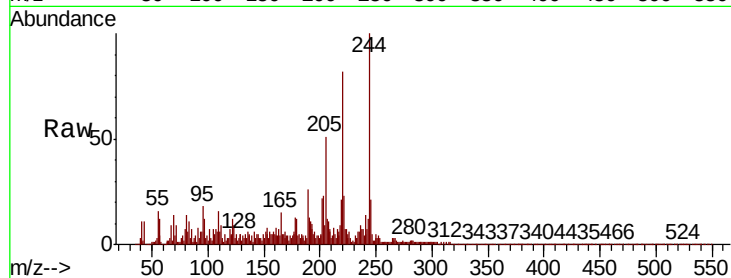
Tot Ion:244 Resp: 643230

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

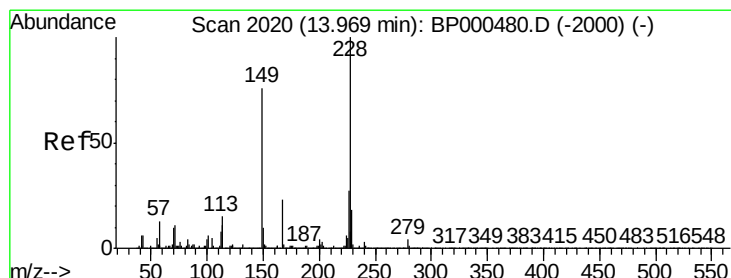
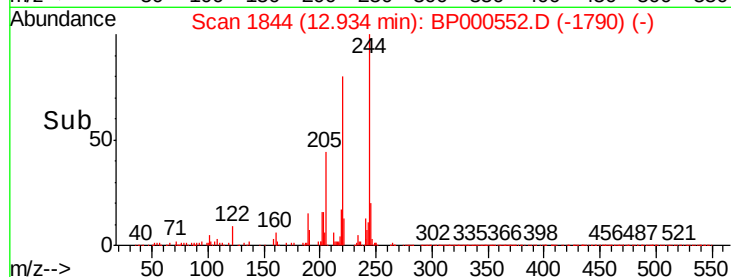
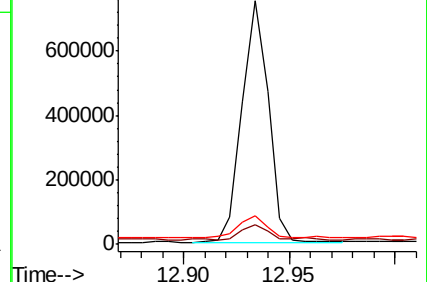
122 11.6 8.9 13.3



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: 9.536 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

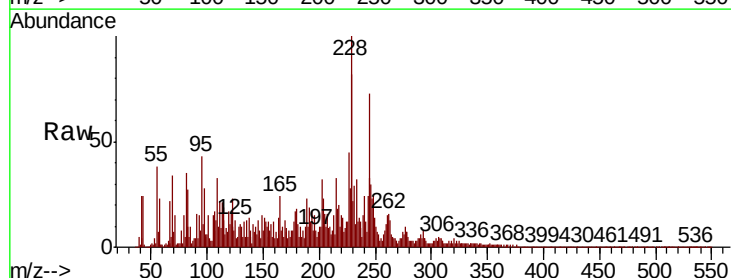
Tgt Ion:228 Resp: 347977

Ion Ratio Lower Upper

228 100

226 44.6 21.4 32.2#

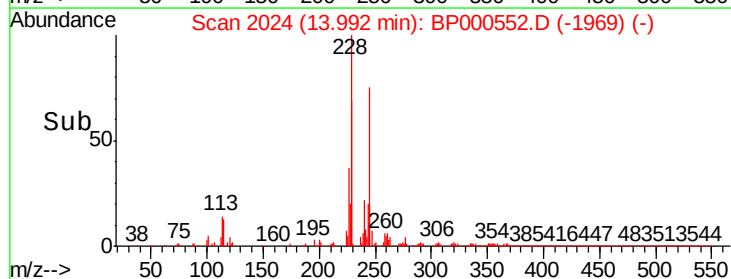
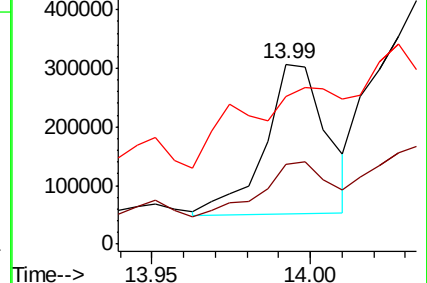
229 81.8 14.7 22.1#

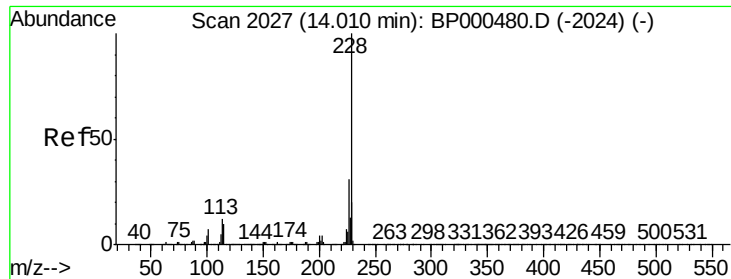


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

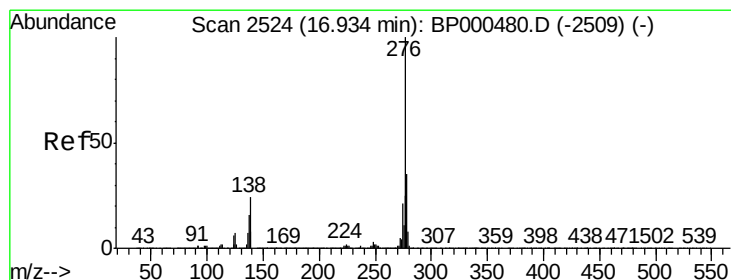
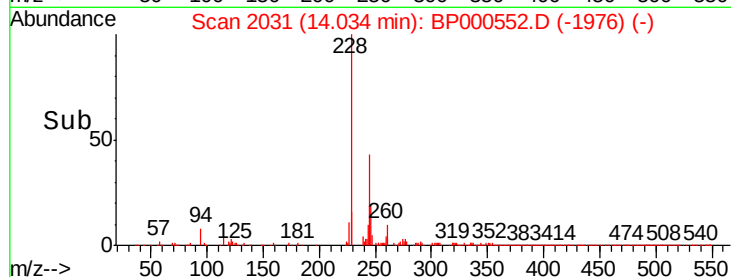
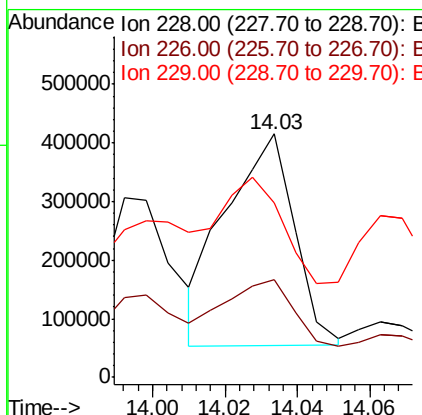
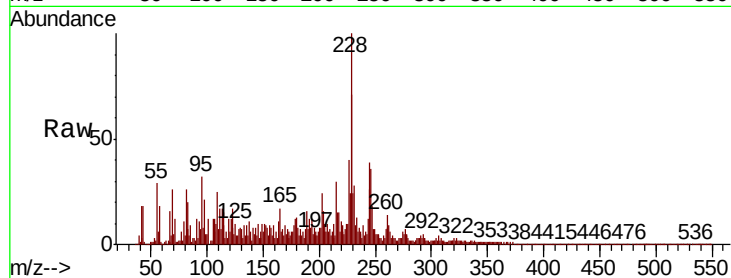




#83
Chrysene
Concen: 13.299 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

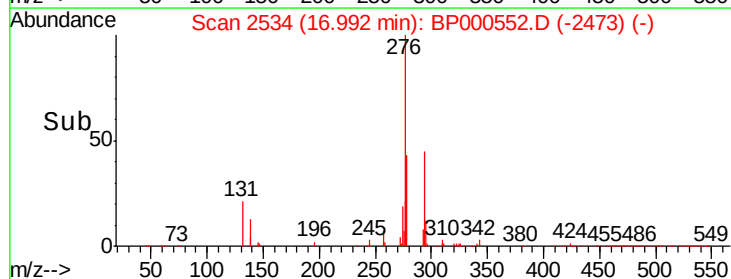
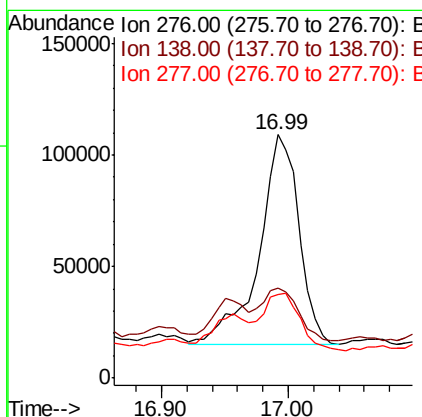
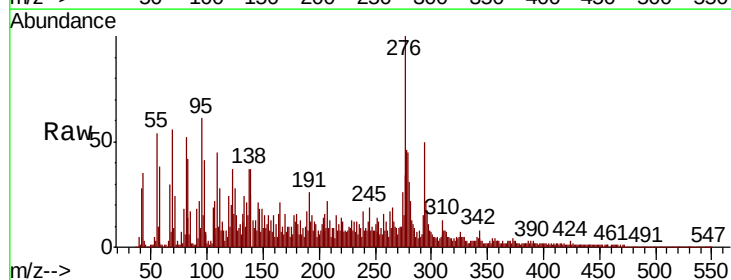
Instrument :
BNA_P
ClientSampled :

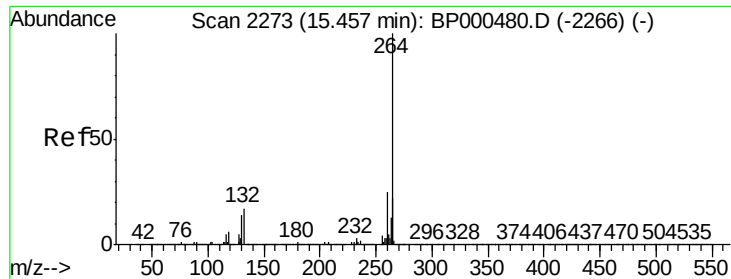
Tot Ion:228 Resp: 476301
Ion Ratio Lower Upper
228 100
226 39.9 24.7 37.1#
229 71.4 16.3 24.5#



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.618 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.06 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion:276 Resp: 206595
Ion Ratio Lower Upper
276 100
138 23.5 20.9 31.3
277 26.2 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.05 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampleId :

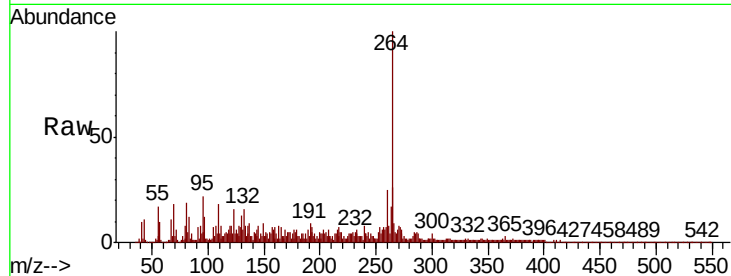
Tot Ion:264 Resp: 782718

Ion Ratio Lower Upper

264 100

260 25.4 20.3 30.5

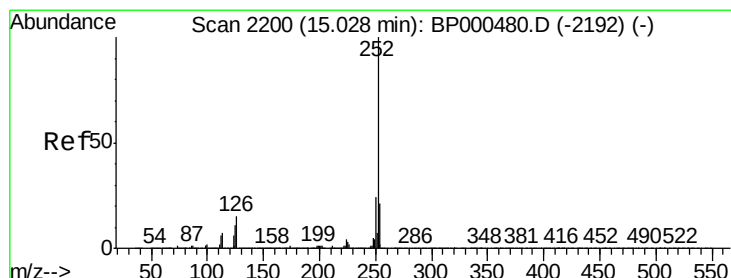
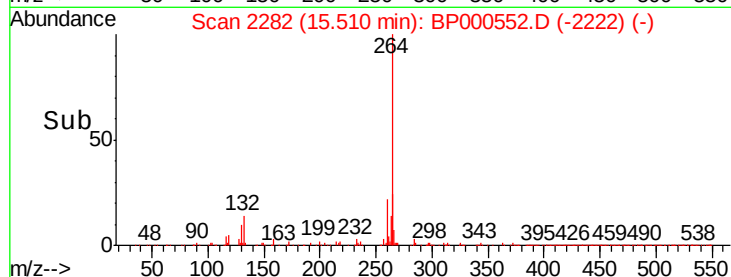
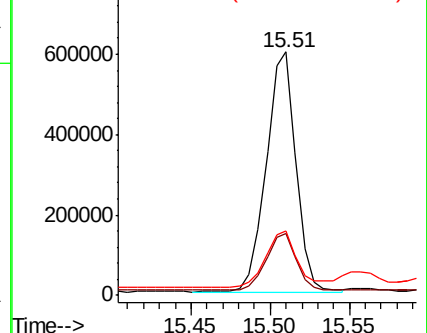
265 26.4 18.0 27.0



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: 9.899 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.04 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

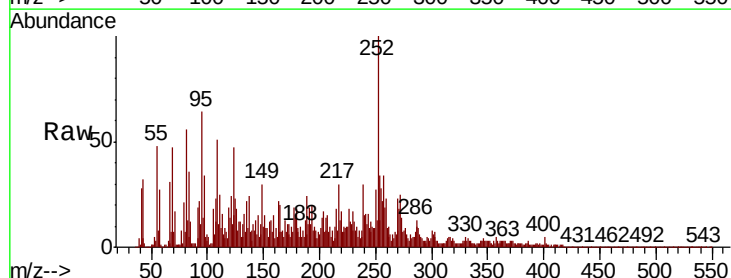
Tgt Ion:252 Resp: 439557

Ion Ratio Lower Upper

252 100

253 34.2 17.0 25.4#

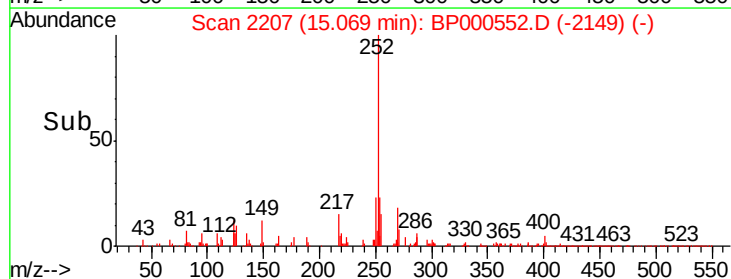
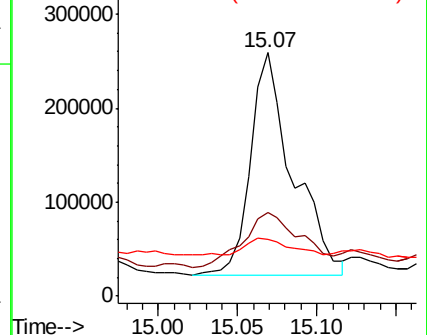
125 23.3 8.9 13.3#

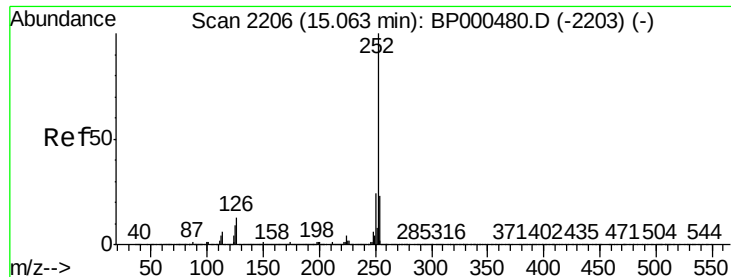


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 10.397 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

Instrument :

BNA_P

ClientSampleId :

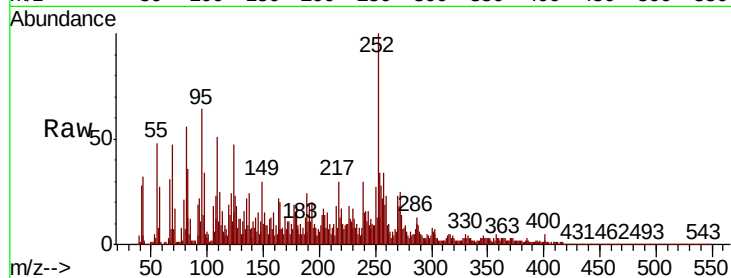
Tot Ion:252 Resp: 439557

Ion Ratio Lower Upper

252 100

253 34.2 18.4 27.6#

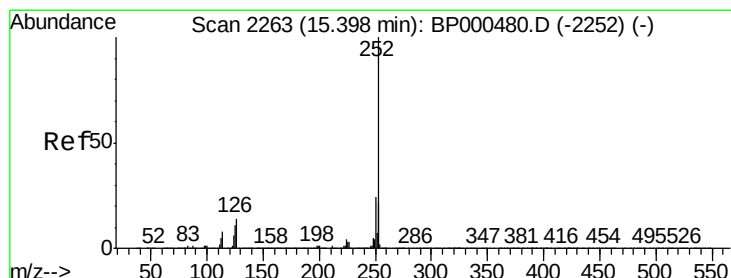
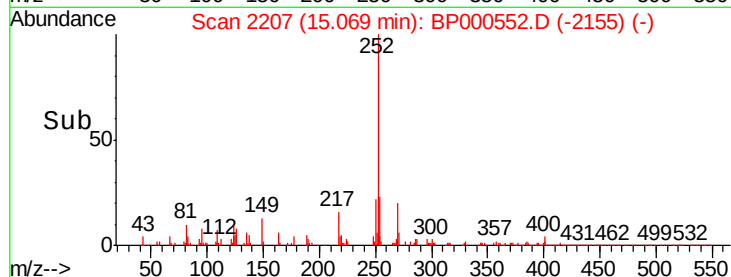
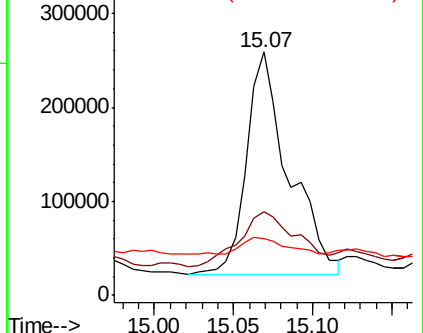
125 23.3 7.8 11.8#



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



#90

Benzo(a)pyrene

Concen: 8.888 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.04 min

Lab File: BP000552.D

Acq: 07 Oct 2019 18:56

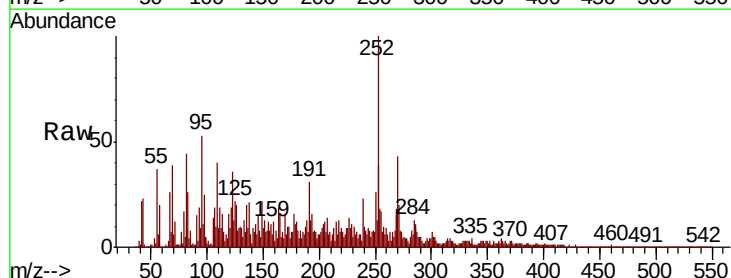
Tgt Ion:252 Resp: 367903

Ion Ratio Lower Upper

252 100

253 38.6 17.0 25.6#

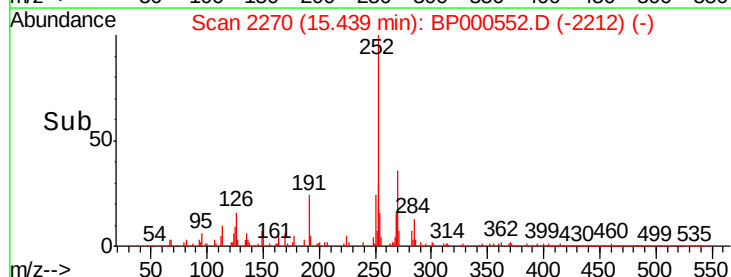
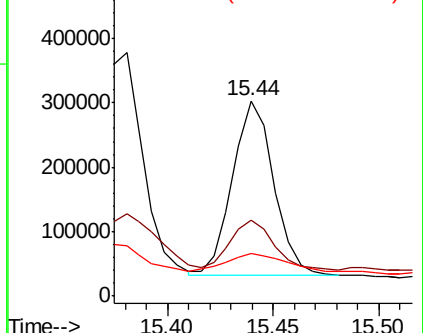
125 22.0 8.4 12.6#

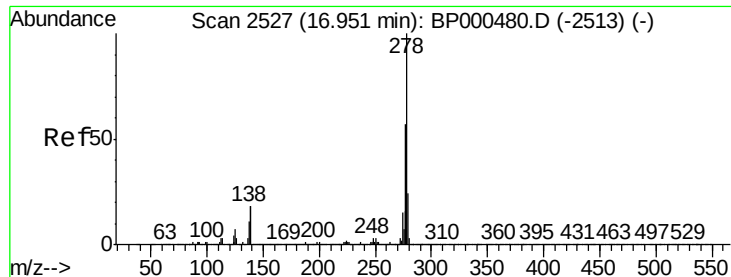


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



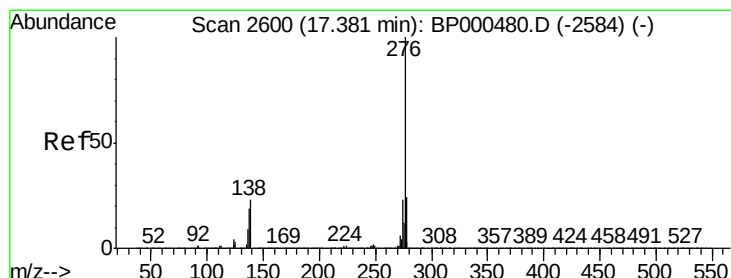
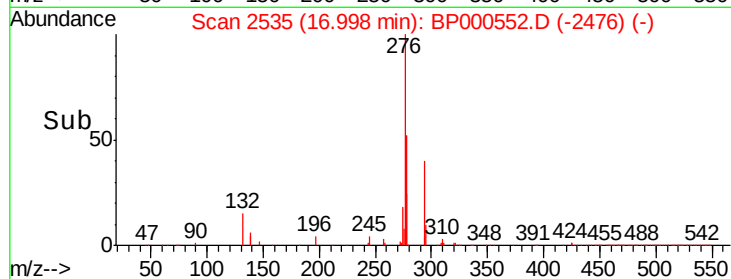
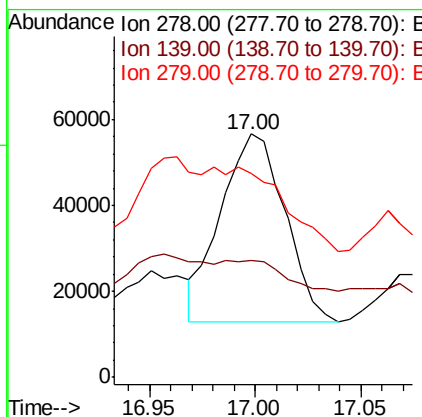
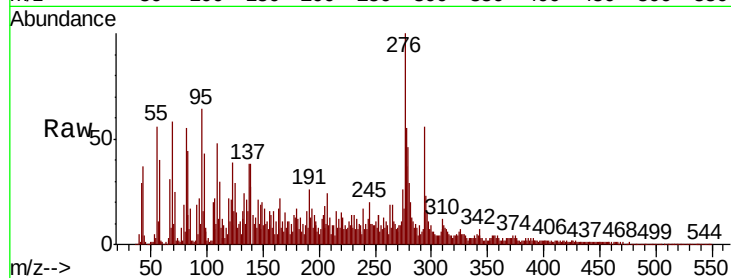


#91
Dibenzo(a,h)anthracene
Concen: 2.300 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.05 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Instrument :
BNA_P
ClientSampled :

Tot Ion:278 Resp: 92323

Ion	Ratio	Lower	Upper
278	100		
139	48.0	14.1	21.1#
279	83.6	19.5	29.3#



#92
Benzo(g,h,i)perylene
Concen: 9.230 ng
RT: 17.45 min Scan# 2611
Delta R.T. 0.06 min
Lab File: BP000552.D
Acq: 07 Oct 2019 18:56

Tgt Ion:276 Resp: 376555

Ion	Ratio	Lower	Upper
276	100		
277	29.3	19.4	29.2#
138	28.7	18.5	27.7#

