

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001037.D
 Acq On : 12 Nov 2019 01:38
 Operator : JU
 Sample : K5777-03DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 07:00:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	228710	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	794488	20.00	ng	0.01
39) Acenaphthene-d10	13.27	164	439069	20.00	ng	0.00
64) Phenanthrene-d10	15.67	188	769274	20.00	ng	0.02
76) Chrysene-d12	19.32	240	582269	20.00	ng	0.02
87) Perylene-d12	21.10	264	545094	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	239894	19.09	ng	0.00
7) Phenol-d6	7.81	99	315080	19.83	ng	0.00
23) Nitrobenzene-d5	9.25	82	171136	11.92	ng	0.00
42) 2,4,6-Tribromophenol	14.57	330	85800	16.37	ng	0.01
45) 2-Fluorobiphenyl	12.18	172	326673	11.21	ng	0.00
79) Terphenyl-d14	17.95	244	359940	12.30	ng	0.00

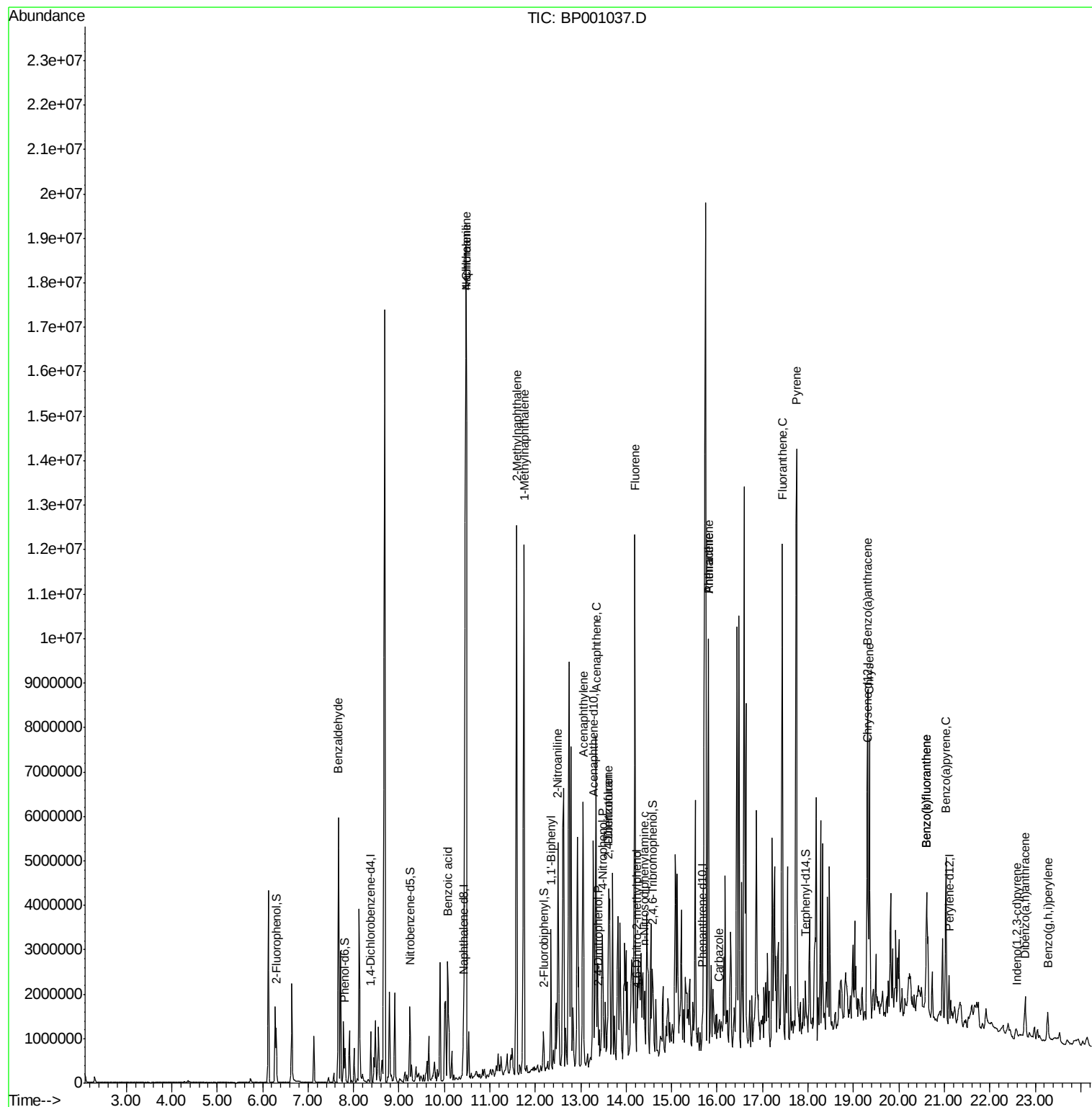
Target Compounds				Qvalue		
9) Benzaldehyde	7.67	77	366724	33.079	ng	# 1
31) Naphthalene	10.48	128	19056559	480.082	ng	# 90
32) Benzoic acid	10.07	122	3335	8.128	ng	# 1
33) 4-Chloroaniline	10.48	127	3074099	180.599	ng	# 37
37) 2-Methylnaphthalene	11.59	142	5190954	186.838	ng	96
38) 1-Methylnaphthalene	11.75	142	4713996	179.567	ng	98
46) 1,1'-Biphenyl	12.35	154	1261085	38.412	ng	98
48) 2-Nitroaniline	12.50	65	28850	4.170	ng	# 29
49) Acenaphthylene	13.05	152	2125190	52.893	ng	# 95
52) Acenaphthene	13.34	154	2305407	95.934	ng	96
54) 2,4-Dinitrophenol	13.39	184	4458	10.221	ng	# 1
55) Dibenzofuran	13.62	168	969446	25.828	ng	# 89
56) 4-Nitrophenol	13.47	139	113939	22.181	ng	# 24
57) 2,4-Dinitrotoluene	13.60	165	81433	9.573	ng	# 65
58) Fluorene	14.20	166	4633827	155.121	ng	96
65) 4,6-Dinitro-2-methylphenol	14.22	198	534	10.057	ng	# 1
66) n-Nitrosodiphenylamine	14.40	169	265891	12.021	ng	# 62
71) Phenanthrene	15.81	178	4792527	121.723	ng	98
72) Anthracene	15.81	178	4792527	124.779	ng	98
73) Carbazole	16.03	167	132875	3.773	ng	# 80
75) Fluoranthene	17.43	202	6806679	152.950	ng	98
78) Pyrene	17.75	202	9800894	238.178	ng	95
81) Benzo(a)anthracene	19.31	228	3812205	97.212	ng	94
83) Chrysene	19.36	228	3115012	90.477	ng	97
86) Indeno(1,2,3-cd)pyrene	22.60	276	147388	3.129	ng	92
88) Benzo(b)fluoranthene	20.62	252	2692349	82.861	ng	99
89) Benzo(k)fluoranthene	20.62	252	2692349	88.025	ng	98
90) Benzo(a)pyrene	21.04	252	2162019	72.362	ng	97
91) Dibenzo(a,h)anthracene	22.79	278	230907	7.572	ng	94
92) Benzo(g,h,i)perylene	23.27	276	622408	20.271	ng	95

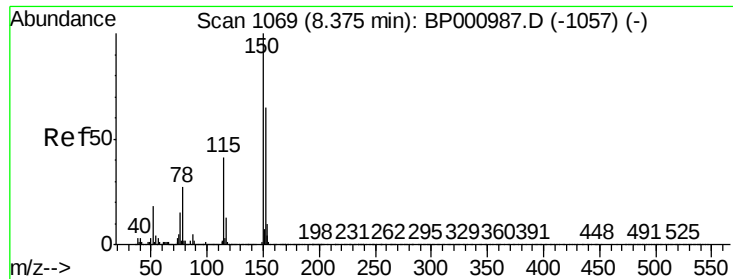
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001037.D
Acq On : 12 Nov 2019 01:38
Operator : JU
Sample : K5777-03DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :

Quant Time: Nov 12 07:00:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Instrument :

BNA_P

ClientSampleId :

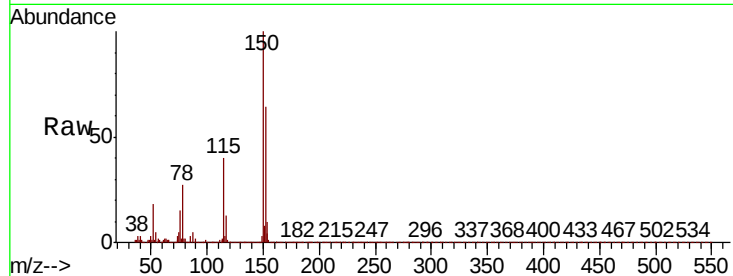
Tot Ion:152 Resp: 228710

Ion Ratio Lower Upper

152 100

150 156.6 123.6 185.4

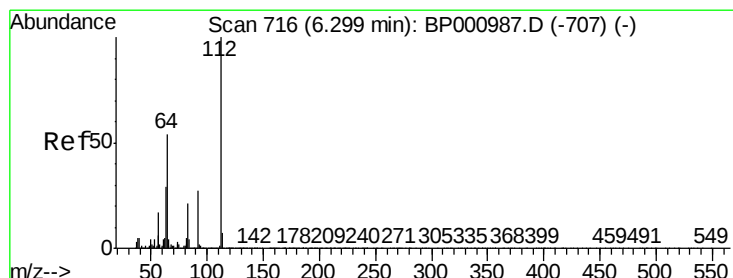
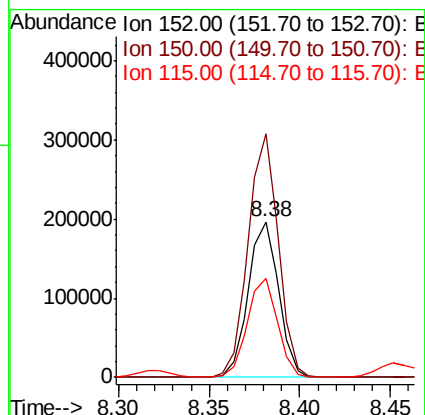
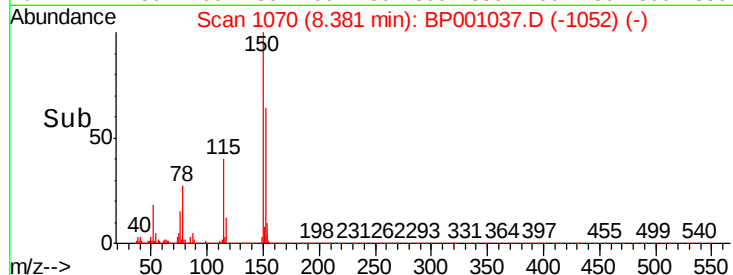
115 63.3 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 19.092 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

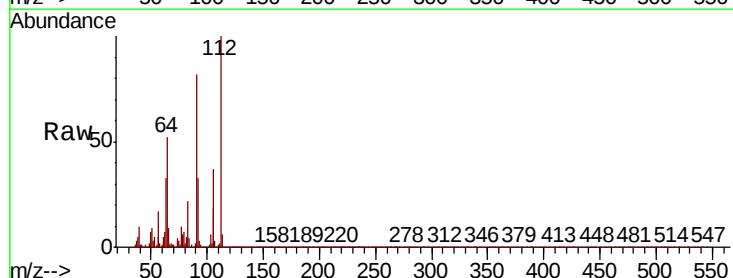
Tgt Ion:112 Resp: 239894

Ion Ratio Lower Upper

112 100

64 51.6 43.4 65.0

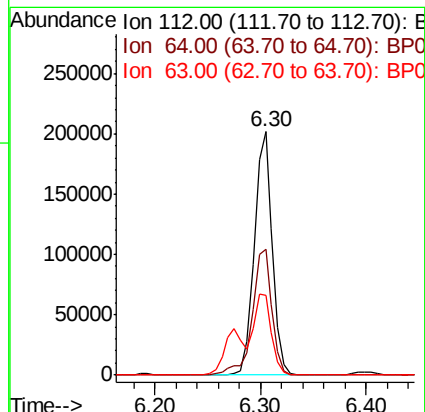
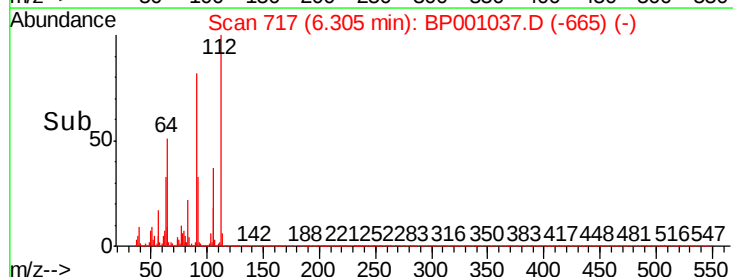
63 32.8 23.4 35.0

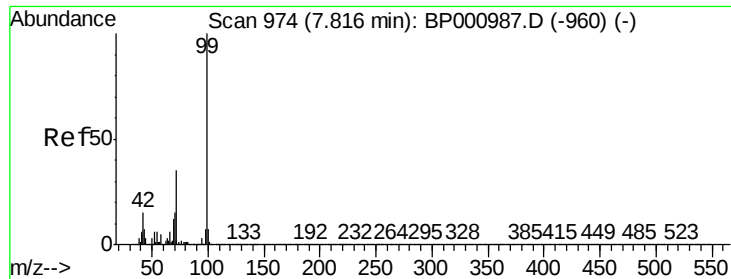


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 19.829 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

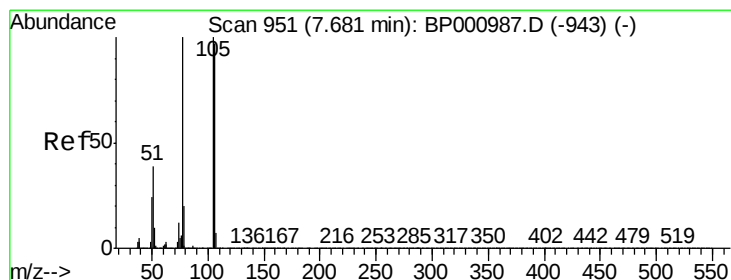
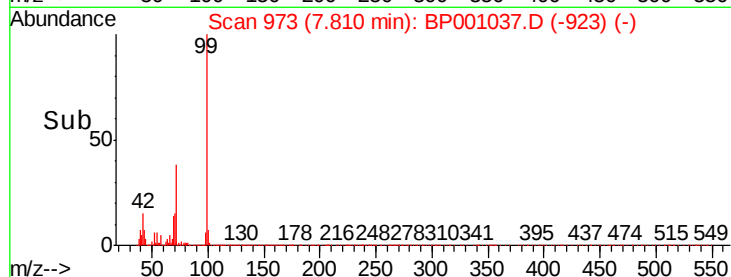
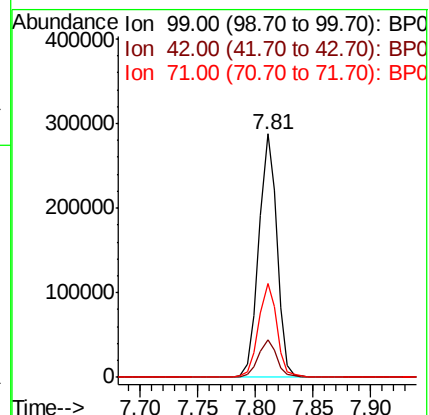
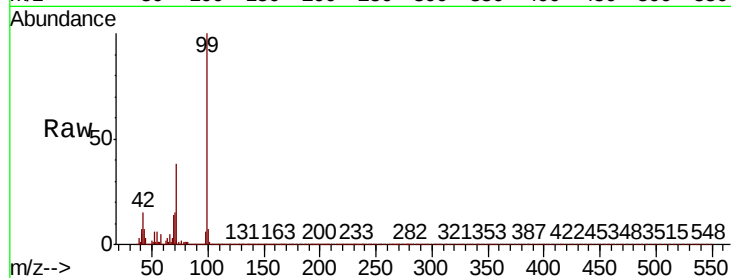
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 315080

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.6	17.4
71	38.4	28.0	42.0



#9

Benzaldehyde

Concen: 33.079 ng

RT: 7.67 min Scan# 949

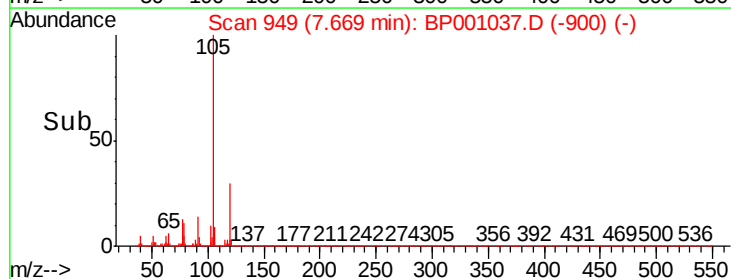
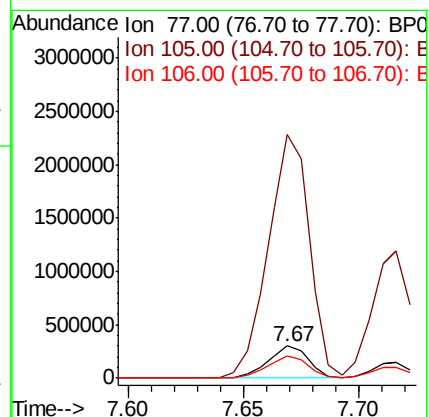
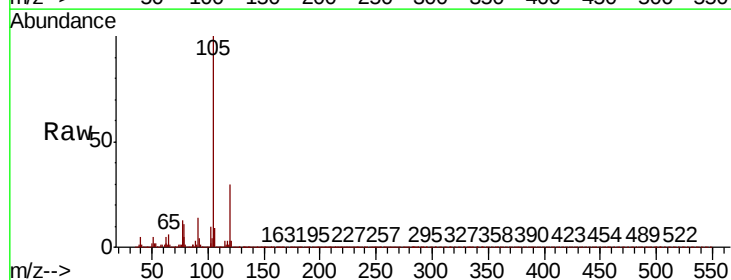
Delta R.T. -0.01 min

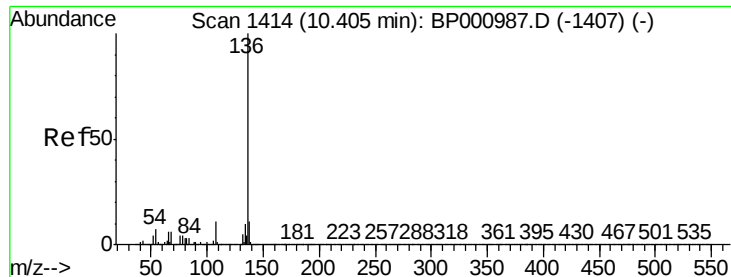
Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Tgt Ion: 77 Resp: 366724

Ion	Ratio	Lower	Upper
77	100		
105	755.8	80.0	120.0#
106	67.1	76.9	116.9#

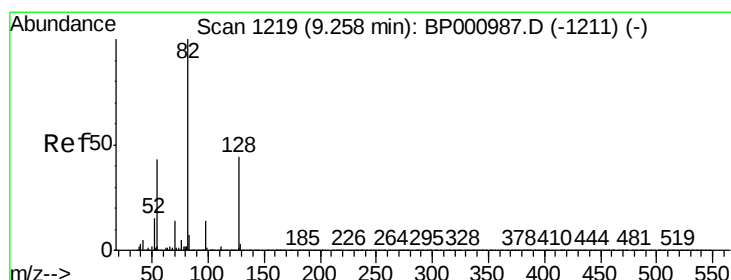
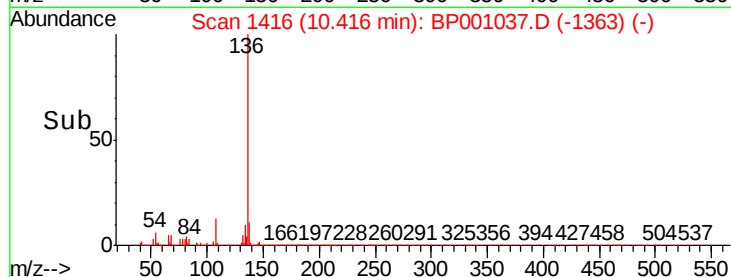
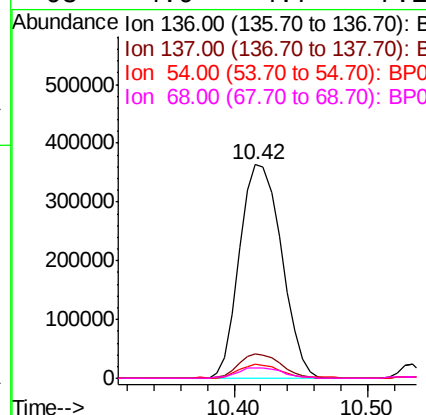
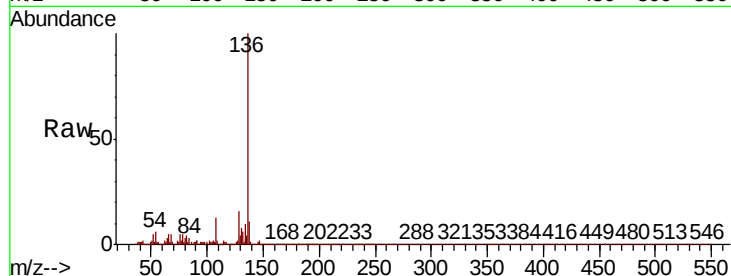




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

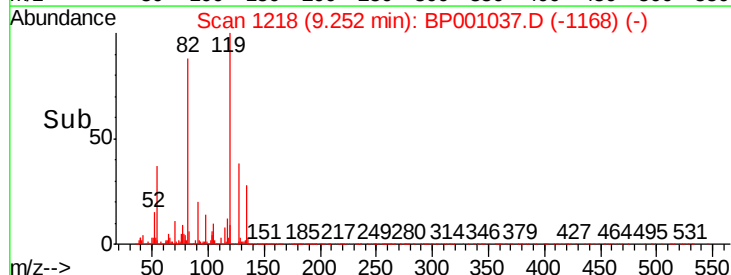
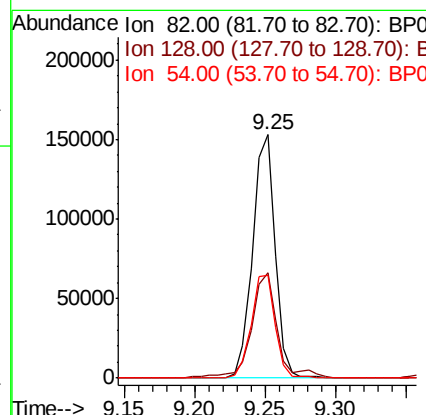
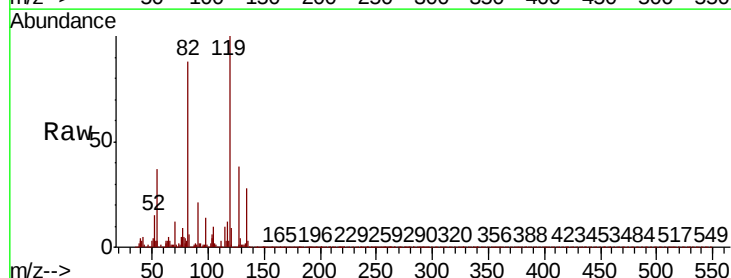
Instrument :
BNA_P
ClientSampled :

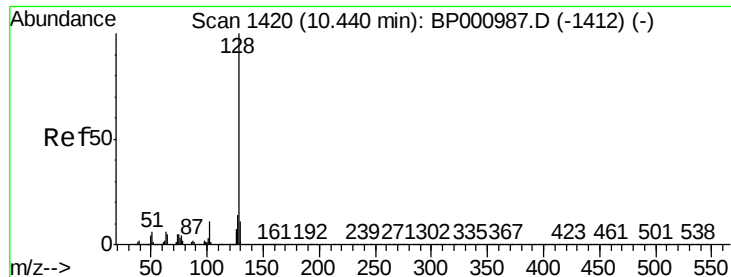
Tot Ion:136	Resp:	794488
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.6
54	6.4	5.4 8.2
68	4.9	4.7 7.1



#23
Nitrobenzene-d5
Concen: 11.915 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Tgt Ion: 82	Resp:	171136
Ion	Ratio	Lower Upper
82	100	
128	43.3	35.3 52.9
54	42.4	34.3 51.5

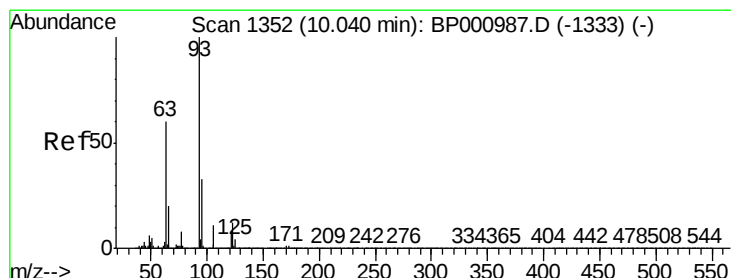
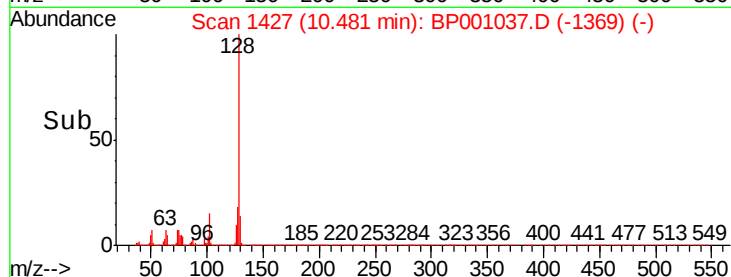
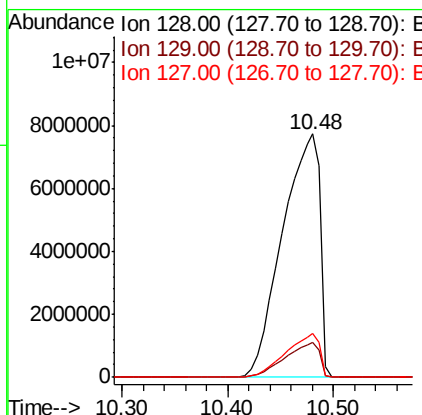
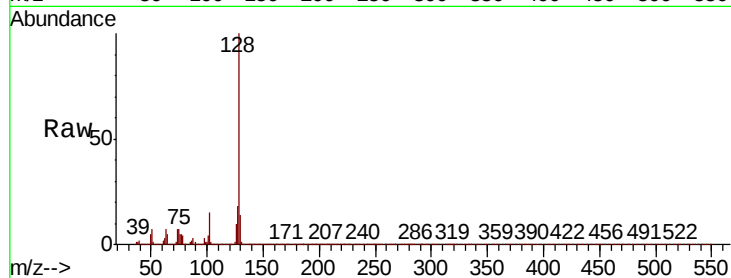




#31
Naphthalene
Concen: 480.082 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.04 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

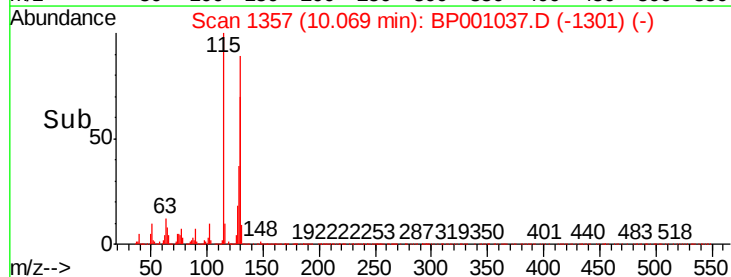
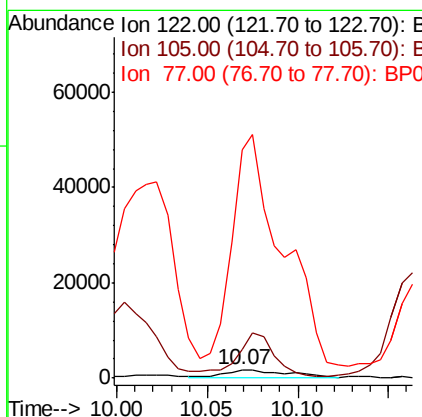
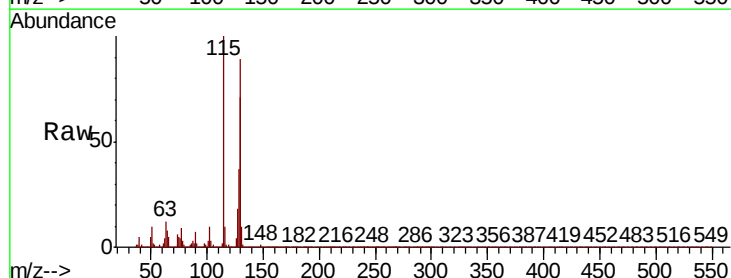
Instrument :
BNA_P
ClientSampleId :

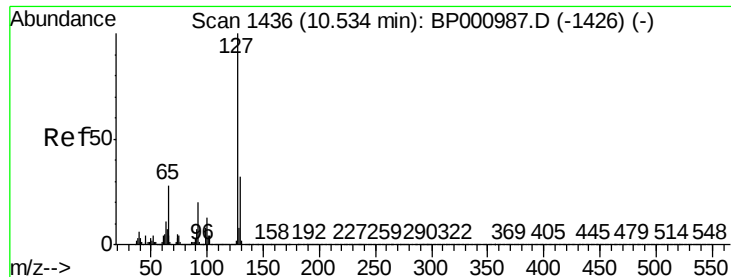
Tot Ion:128 Resp:19056559
Ion Ratio Lower Upper
128 100
129 14.2 8.7 13.1#
127 18.0 10.8 16.2#



#32
Benzoic acid
Concen: 8.128 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.03 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Tgt Ion:122 Resp: 3335
Ion Ratio Lower Upper
122 100
105 347.6 110.5 150.5#
77 2759.0 77.9 117.9#

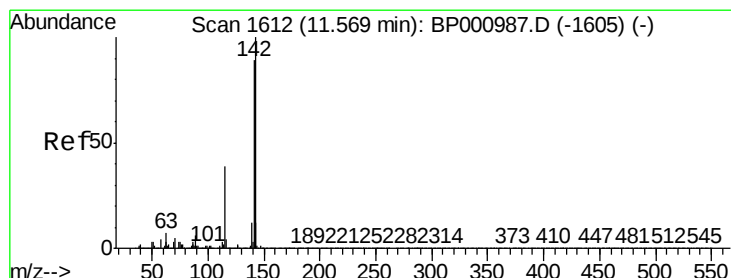
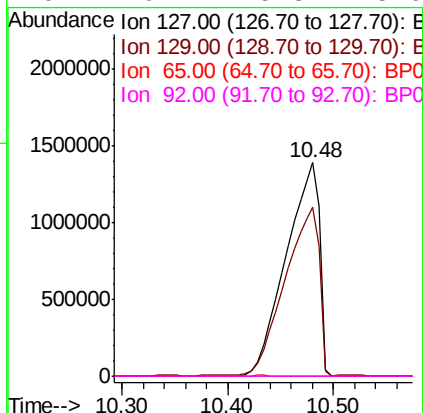
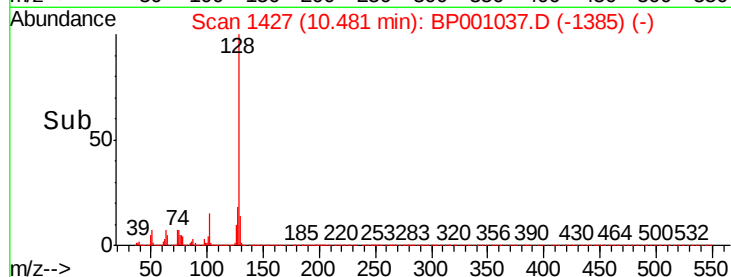
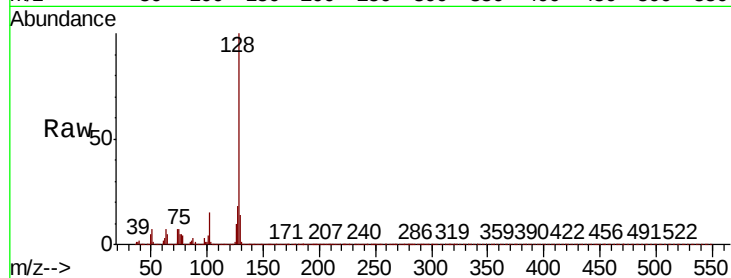




#33
4-Chloroaniline
Concen: 180.599 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.05 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

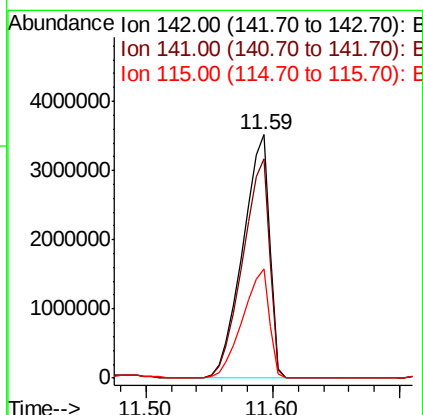
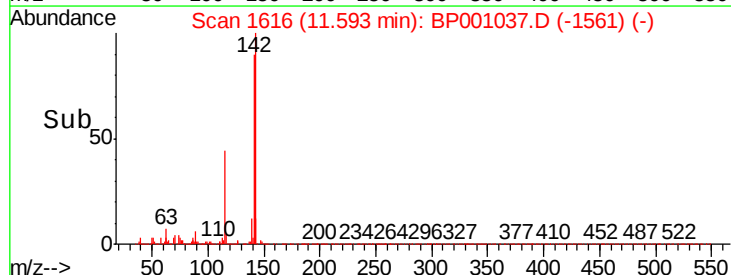
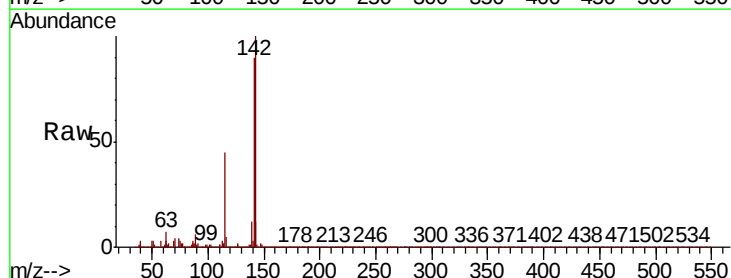
Instrument :
BNA_P
ClientSampleId :

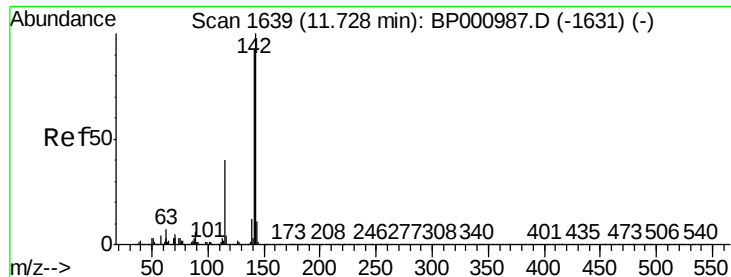
Tot Ion:127 Resp: 3074099
Ion Ratio Lower Upper
127 100
129 79.0 25.8 38.6#
65 0.0 22.7 34.1#
92 0.1 15.8 23.6#



#37
2-Methylnaphthalene
Concen: 186.838 ng
RT: 11.59 min Scan# 1616
Delta R.T. 0.02 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Tgt Ion:142 Resp: 5190954
Ion Ratio Lower Upper
142 100
141 90.2 71.5 107.3
115 44.7 30.8 46.2



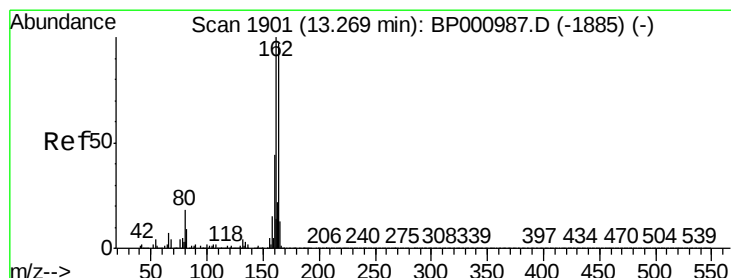
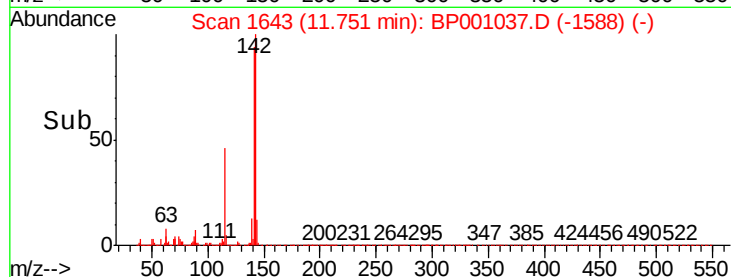
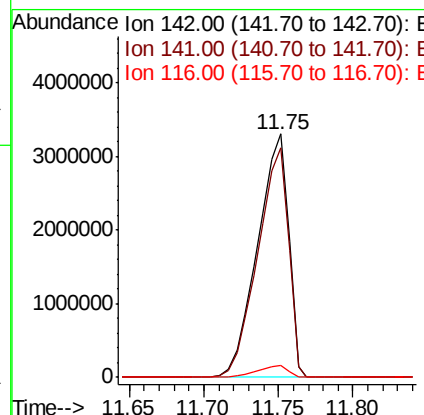
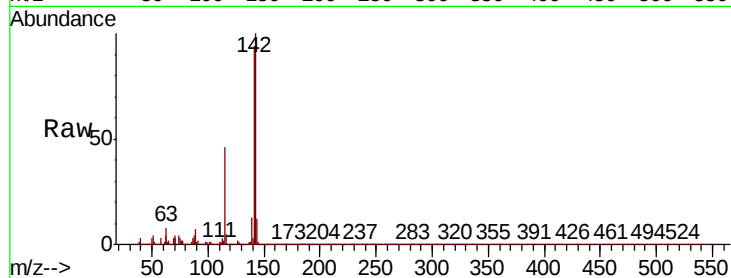


#38
 1-Methylnaphthalene
 Concen: 179.567 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.02 min
 Lab File: BP001037.D
 Acq: 12 Nov 2019 01:38

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:142 Resp: 4713996

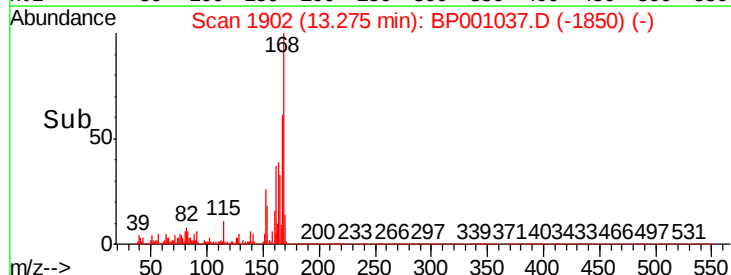
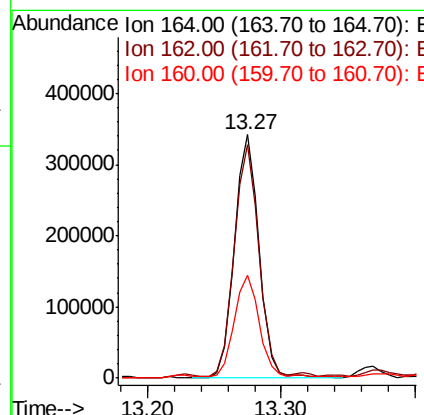
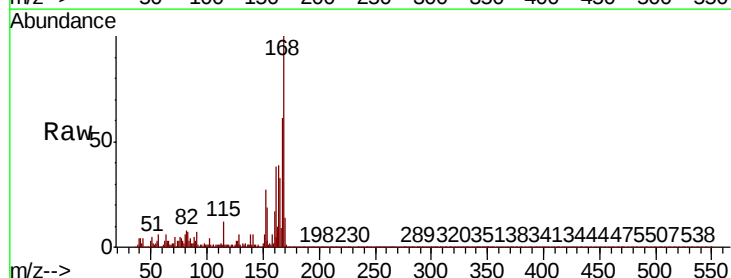
Ion	Ratio	Lower	Upper
142	100		
141	94.2	73.9	110.9
116	4.9	3.4	5.0

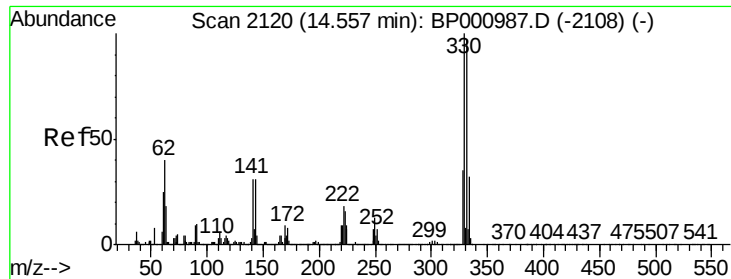


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BP001037.D
 Acq: 12 Nov 2019 01:38

Tgt Ion:164 Resp: 439069

Ion	Ratio	Lower	Upper
164	100		
162	96.0	82.6	123.8
160	42.3	36.5	54.7

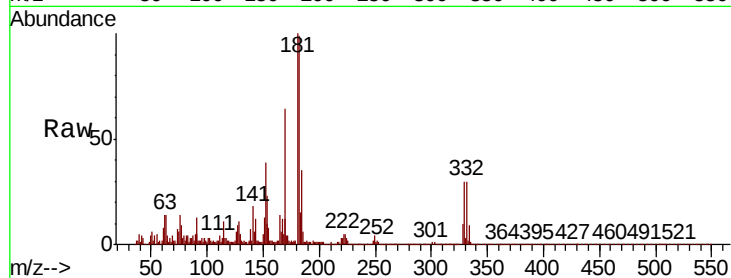




#42
 2,4,6-Tribromophenol
 Concen: 16.369 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. 0.01 min
 Lab File: BP001037.D
 Acq: 12 Nov 2019 01:38

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	78.3	117.5
141	46.4	25.0	37.4

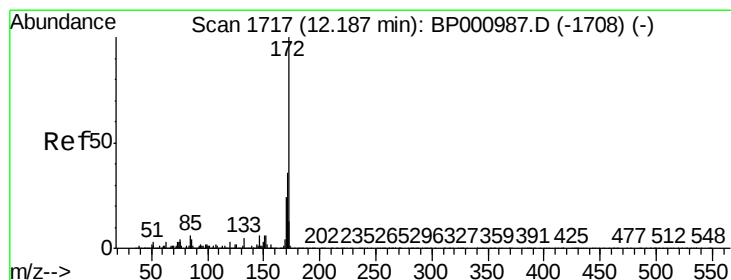
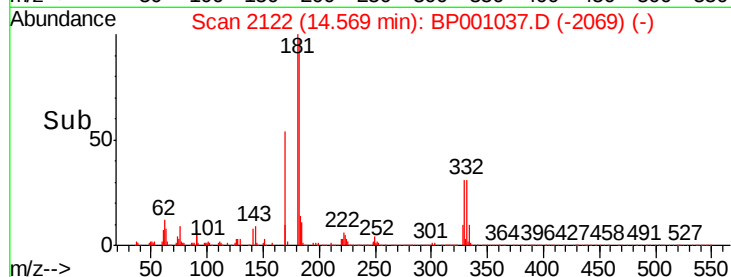
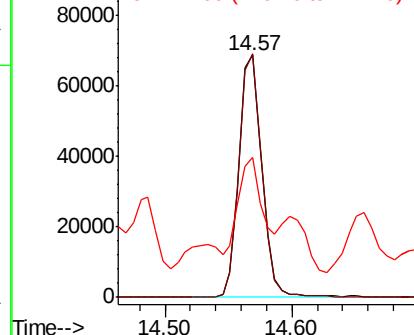


Abundance

Ion 329.80 (329.50 to 330.50): E

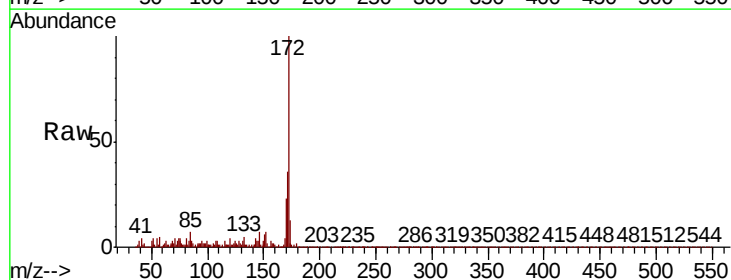
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 11.206 ng
 RT: 12.18 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BP001037.D
 Acq: 12 Nov 2019 01:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.3	18.9	28.3

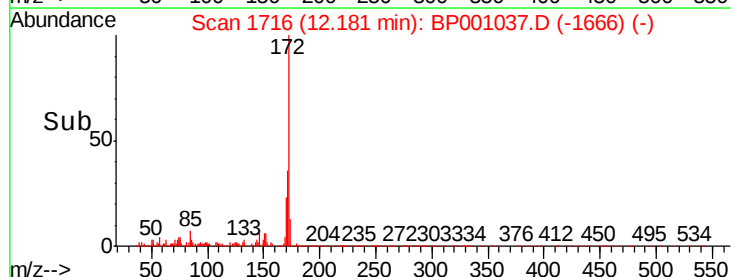
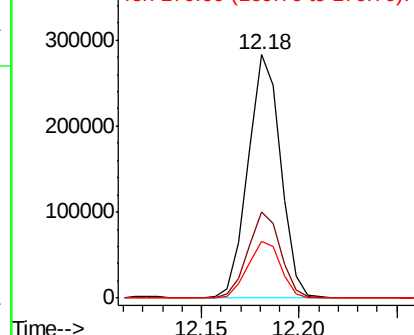


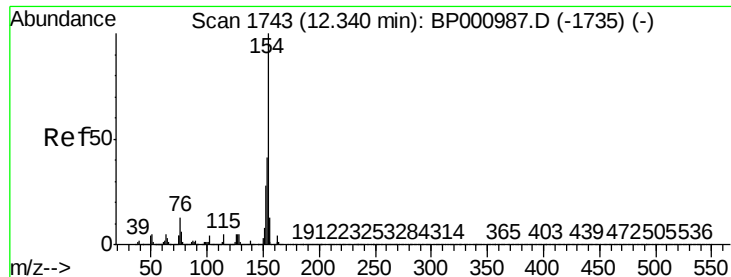
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 38.412 ng

RT: 12.35 min Scan# 1744

Delta R.T. 0.01 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

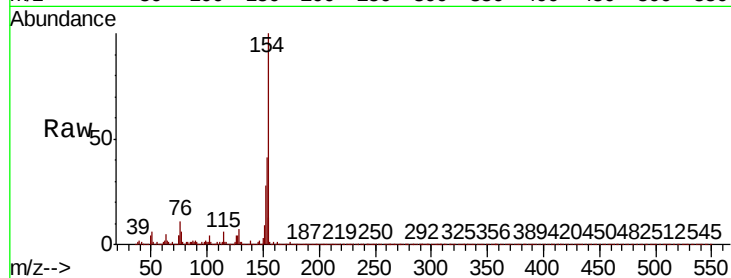
Instrument :

BNA_P

ClientSampled :

Tot Ion:154 Resp: 1261085

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	10.8	0.0	32.5

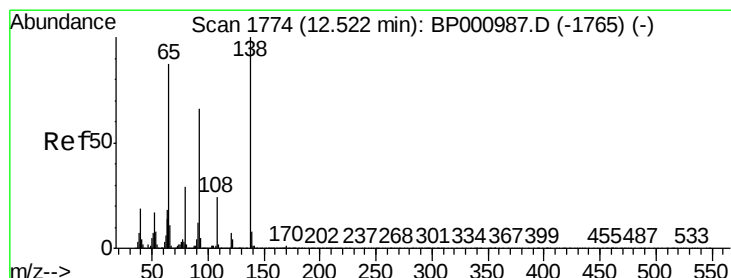
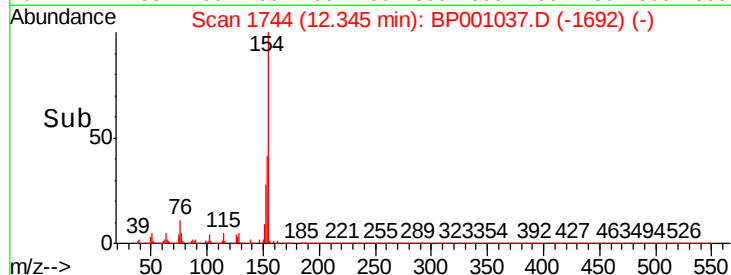
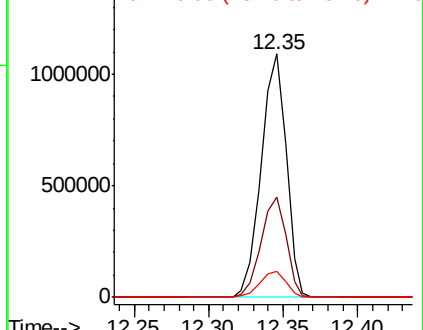


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BPO



#48

2-Nitroaniline

Concen: 4.170 ng

RT: 12.50 min Scan# 1770

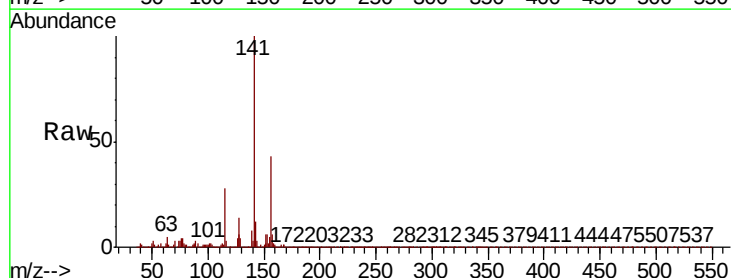
Delta R.T. -0.02 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Tgt Ion: 65 Resp: 28850

Ion	Ratio	Lower	Upper
65	100		
92	14.5	61.4	92.2#
138	38.7	92.5	138.7#

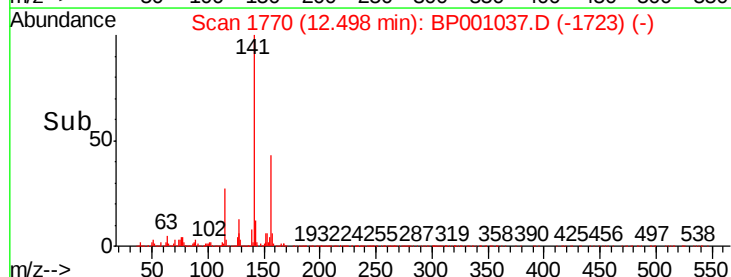
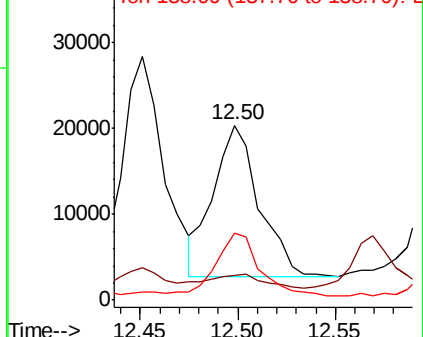


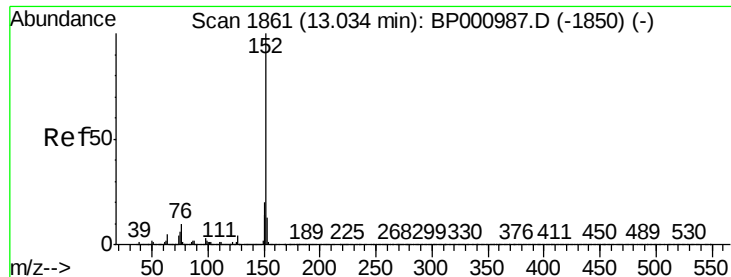
Abundance

Ion 65.00 (64.70 to 65.70): BPO

Ion 92.00 (91.70 to 92.70): BPO

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.893 ng

RT: 13.05 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

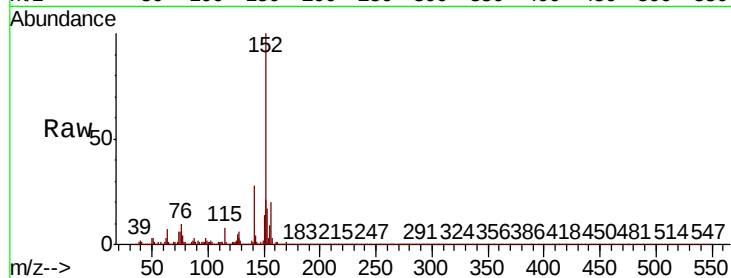
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2125190

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.0	24.0
153	16.8	10.6	16.0#

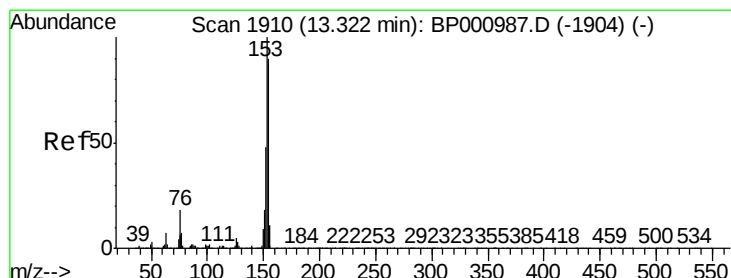
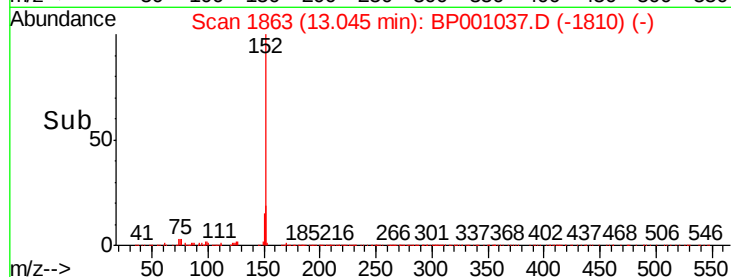
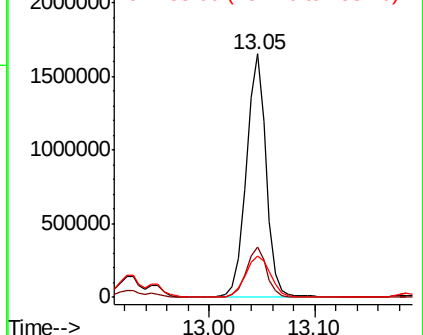


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#52

Acenaphthene

Concen: 95.934 ng

RT: 13.34 min Scan# 1913

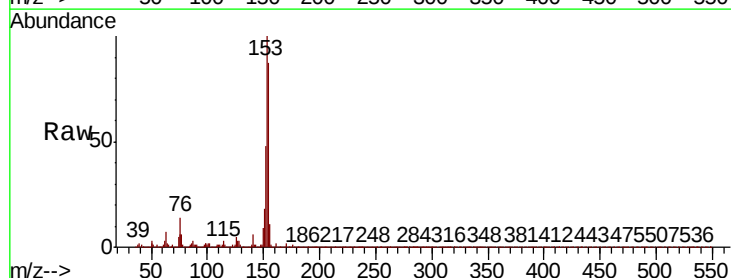
Delta R.T. 0.02 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Tgt Ion:154 Resp: 2305407

Ion	Ratio	Lower	Upper
154	100		
153	115.1	88.9	133.3
152	55.6	42.4	63.6

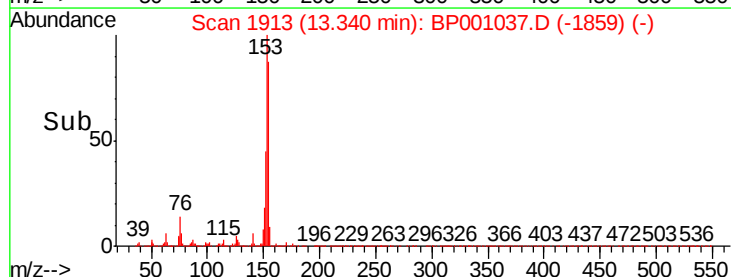
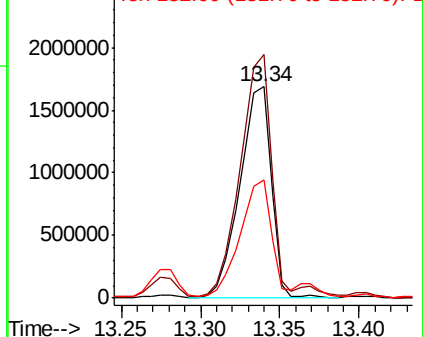


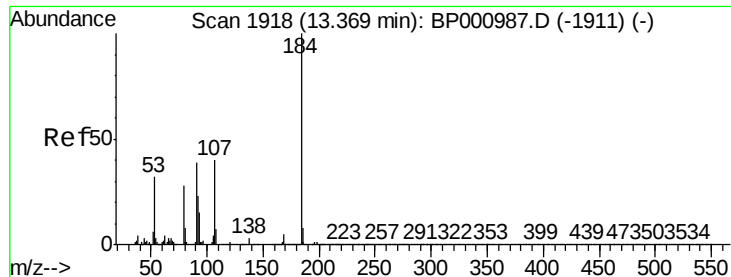
Abundance

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

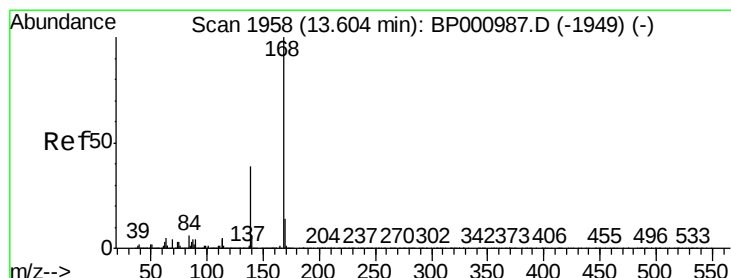
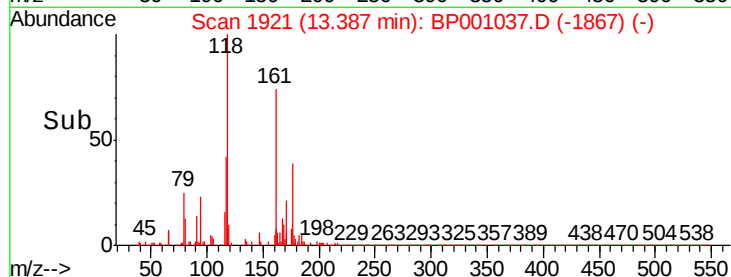
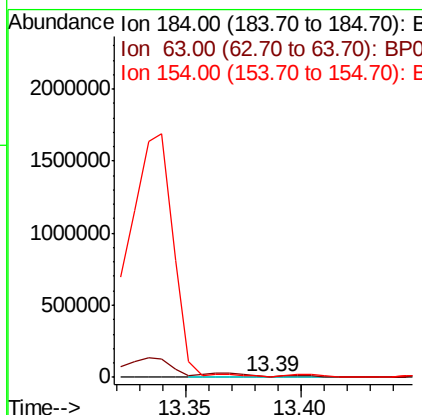
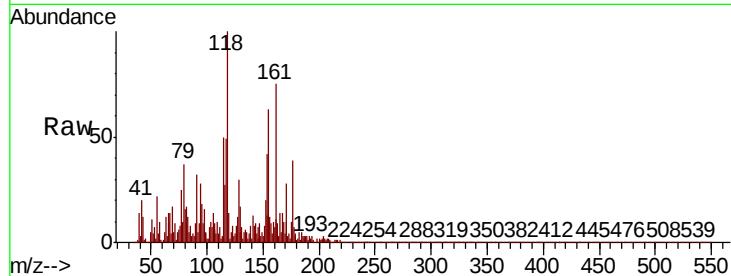




#54
2,4-Dinitrophenol
Concen: 10.221 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.02 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

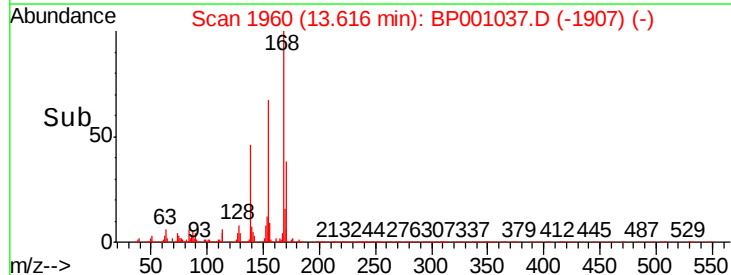
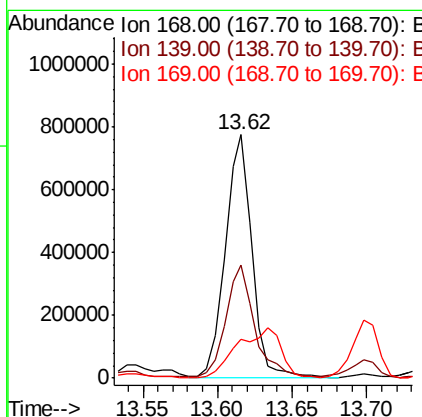
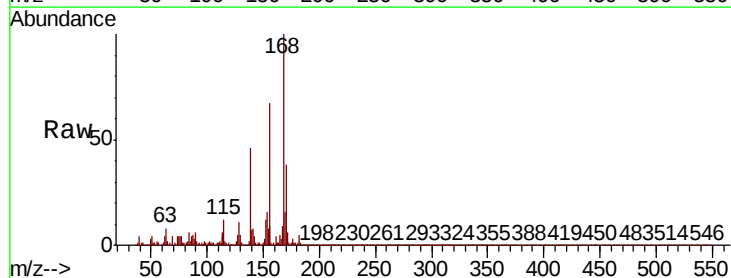
Instrument :
BNA_P
ClientSampleId :

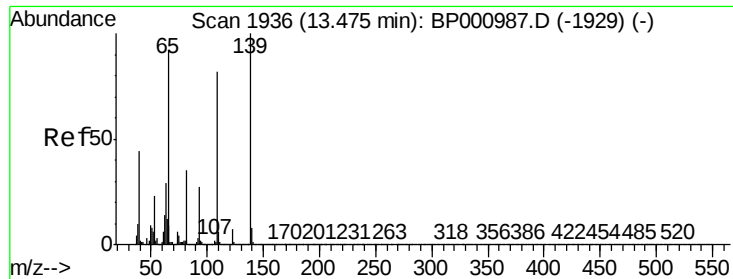
Tot Ion:184 Resp: 4458
Ion Ratio Lower Upper
184 100
63 230.9 41.0 61.6#
154 241.6 48.1 72.1#



#55
Dibenzofuran
Concen: 25.828 ng
RT: 13.62 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Tgt Ion:168 Resp: 969446
Ion Ratio Lower Upper
168 100
139 46.5 30.9 46.3#
169 15.8 10.9 16.3

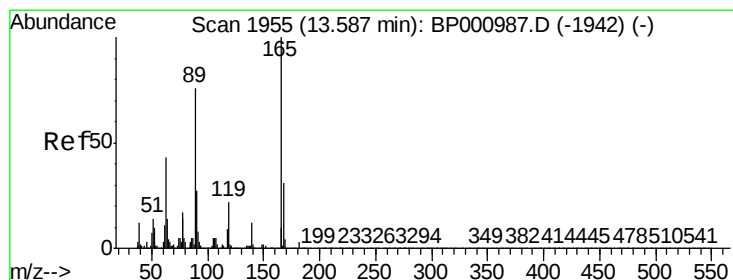
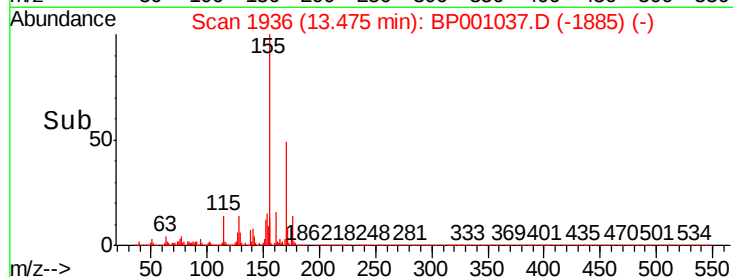
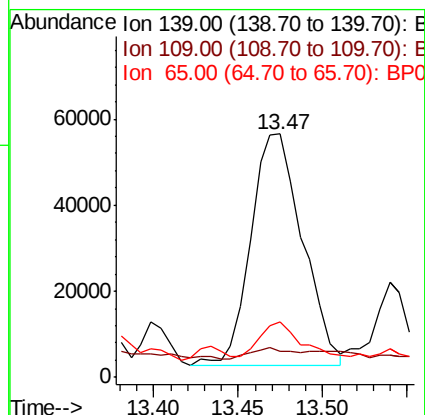
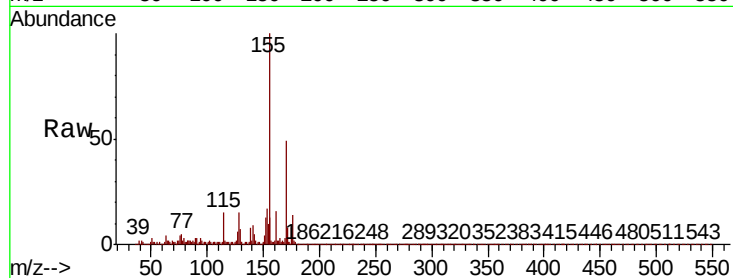




#56
4-Nitrophenol
Concen: 22.181 ng
RT: 13.47 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

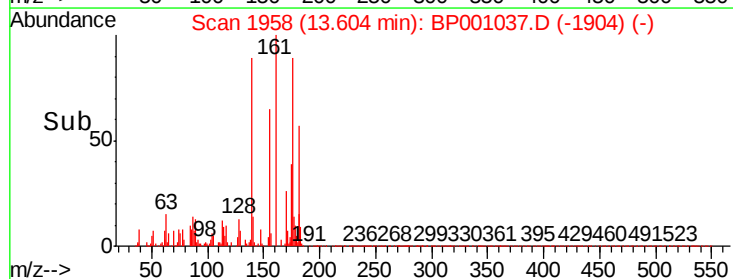
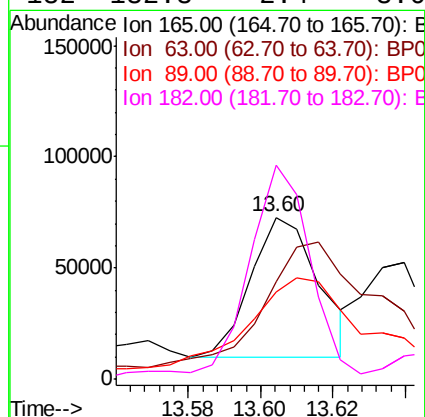
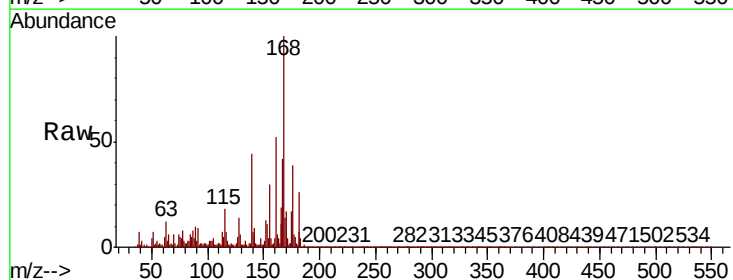
Instrument :
BNA_P
ClientSampleId :

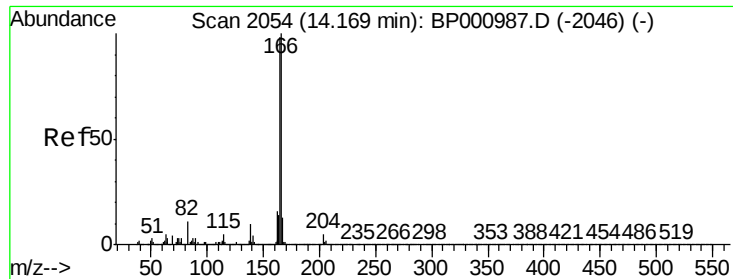
Tot Ion:139 Resp: 113939
Ion Ratio Lower Upper
139 100
109 10.6 61.6 101.6#
65 22.9 72.0 112.0#



#57
2,4-Dinitrotoluene
Concen: 9.573 ng
RT: 13.60 min Scan# 1958
Delta R.T. 0.02 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Tgt Ion:165 Resp: 81433
Ion Ratio Lower Upper
165 100
63 60.0 34.3 51.5#
89 53.7 60.5 90.7#
182 132.3 2.4 3.6#





#58

Fluorene

Concen: 155.121 ng

RT: 14.20 min Scan# 2059

Delta R.T. 0.03 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

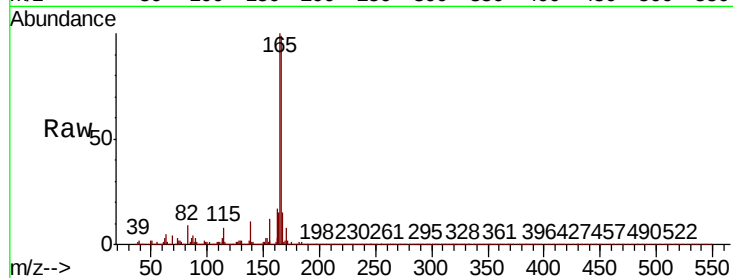
Instrument :

BNA_P

ClientSampleId :

Tot Ion:166 Resp: 4633827

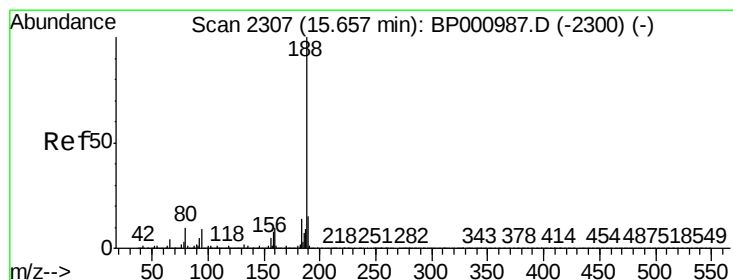
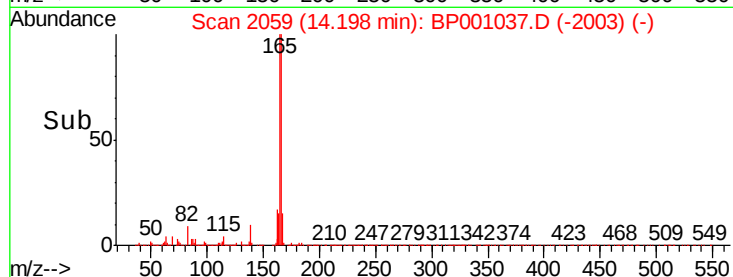
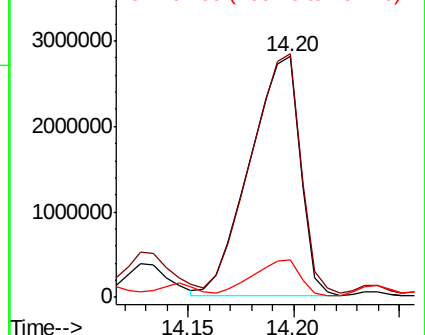
Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.2	117.2
167	15.5	10.7	16.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

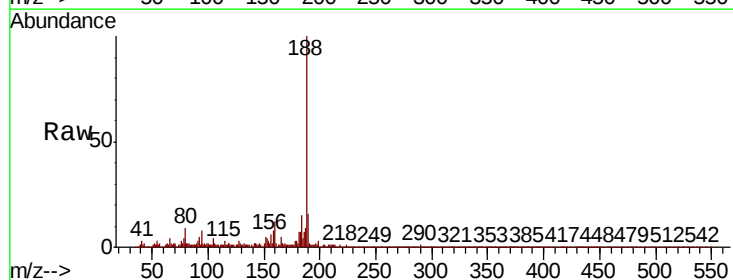
Delta R.T. 0.02 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Tgt Ion:188 Resp: 769274

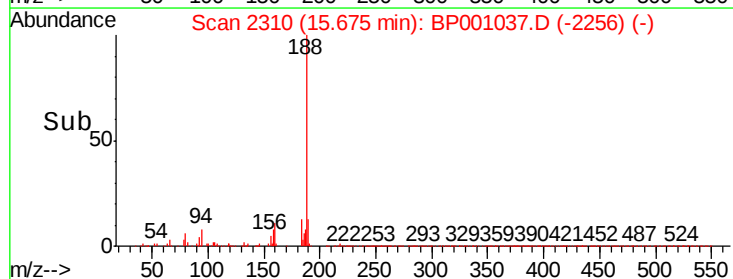
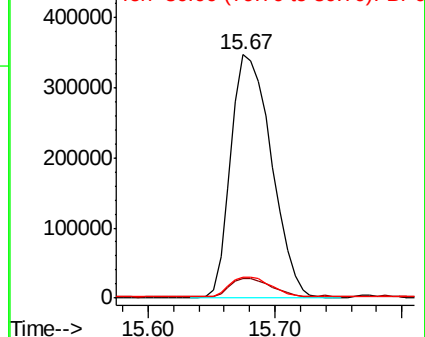
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.4	11.2
80	8.7	7.9	11.9

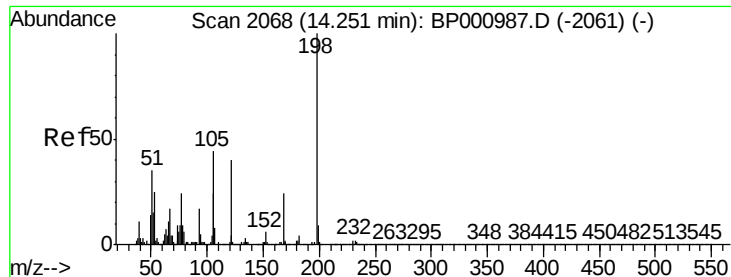


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 10.057 ng

RT: 14.22 min Scan# 2063

Delta R.T. -0.03 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Instrument :

BNA_P

ClientSampleId :

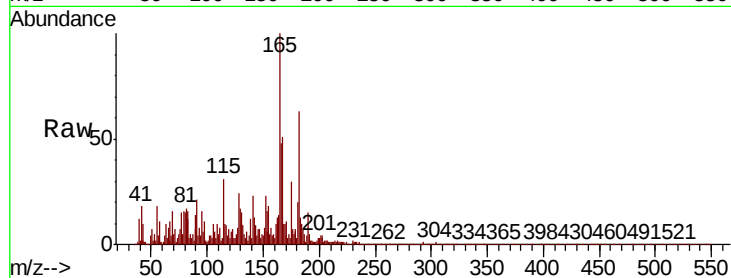
Tot Ion:198 Resp: 534

Ion Ratio Lower Upper

198 100

51 319.8 16.0 56.0#

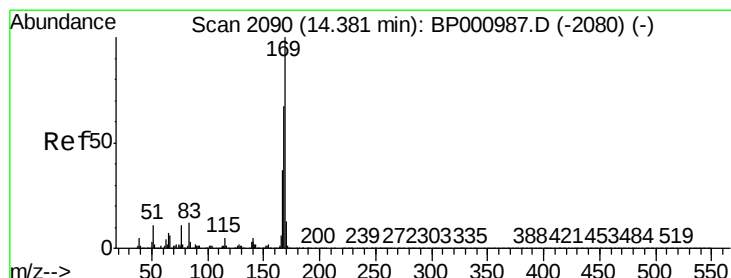
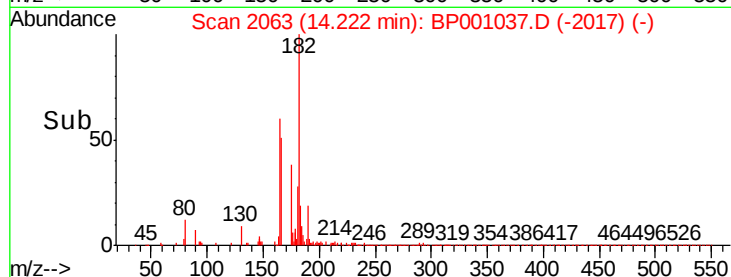
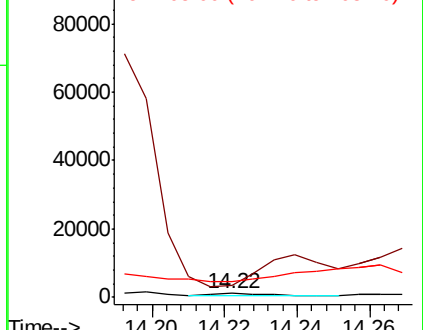
105 423.0 24.9 64.9#



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: 12.021 ng

RT: 14.40 min Scan# 2093

Delta R.T. 0.02 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

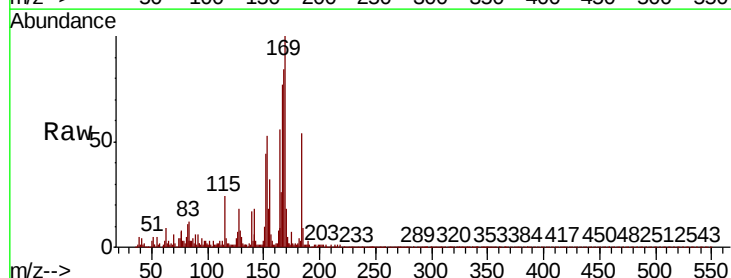
Tgt Ion:169 Resp: 265891

Ion Ratio Lower Upper

169 100

168 83.5 53.3 79.9#

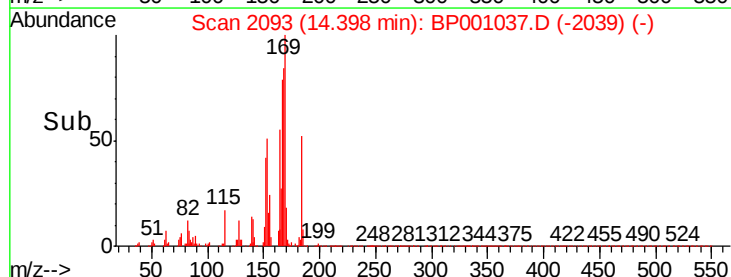
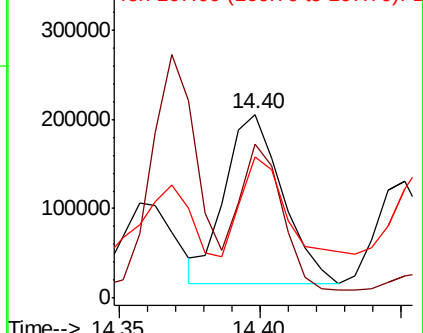
167 77.2 29.4 44.2#

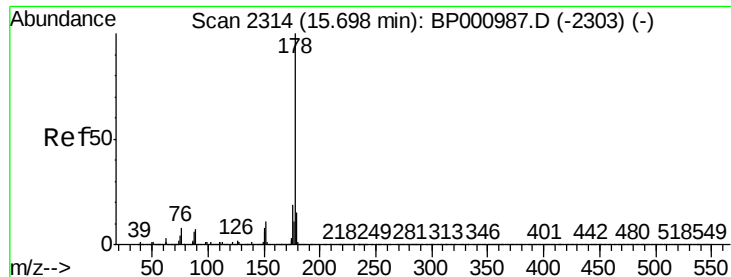


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 121.723 ng

RT: 15.81 min Scan# 2333

Delta R.T. 0.11 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

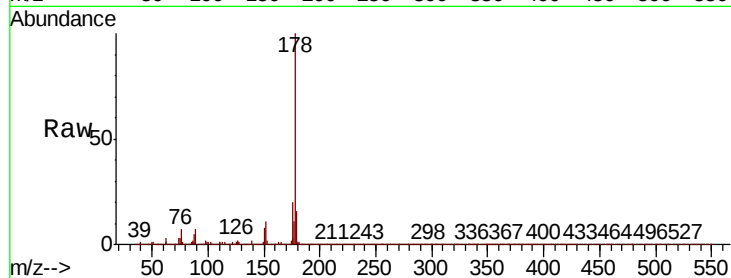
Instrument :

BNA_P

ClientSampled :

Tot Ion:178 Resp: 4792527

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.4	12.3	18.5

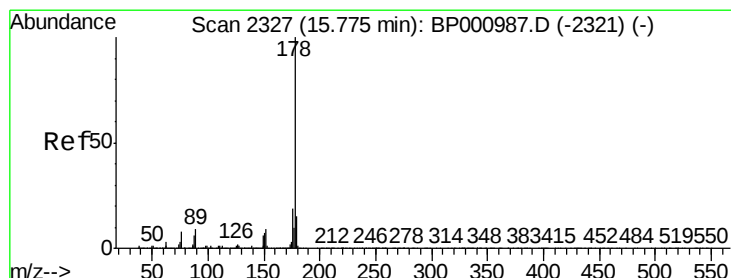
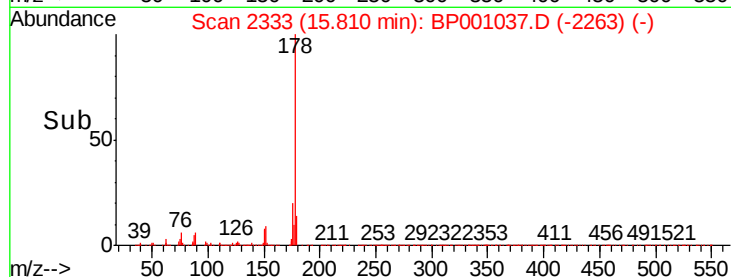
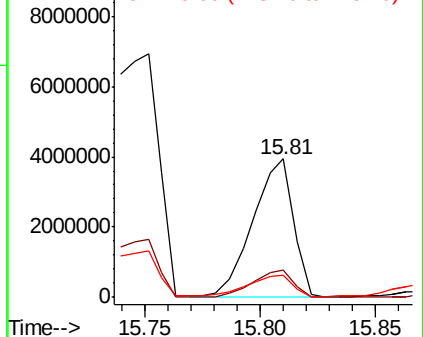


Abundance

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: 124.779 ng

RT: 15.81 min Scan# 2333

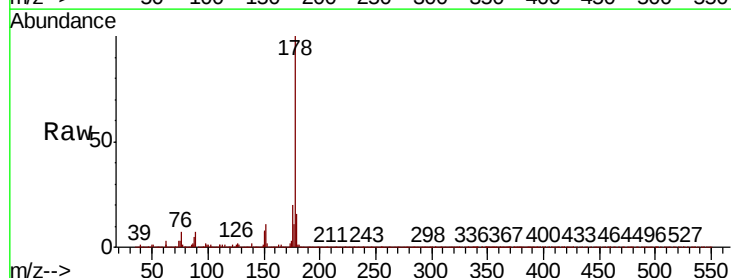
Delta R.T. 0.04 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Tgt Ion:178 Resp: 4792527

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.4	12.3	18.5

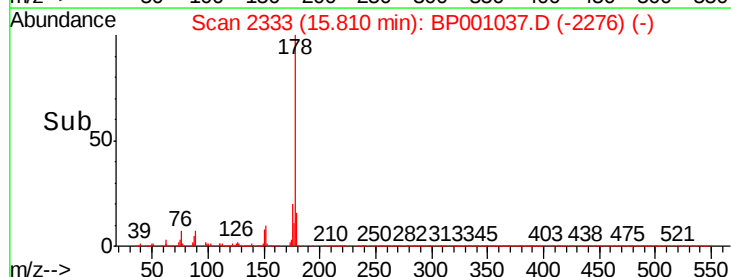
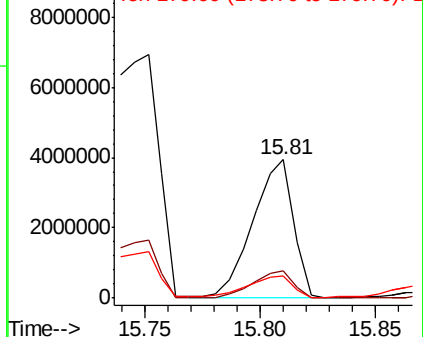


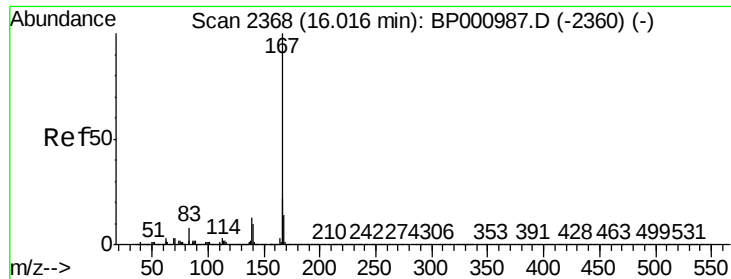
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

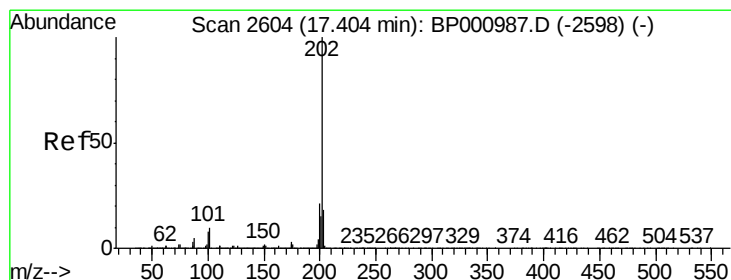
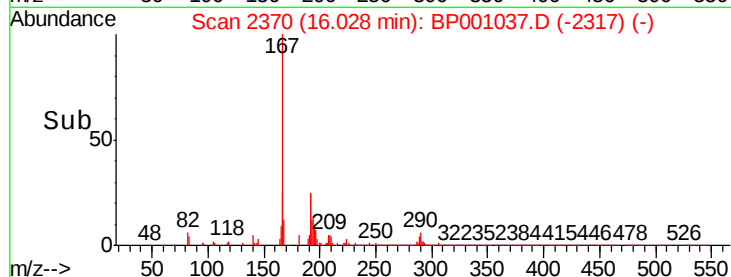
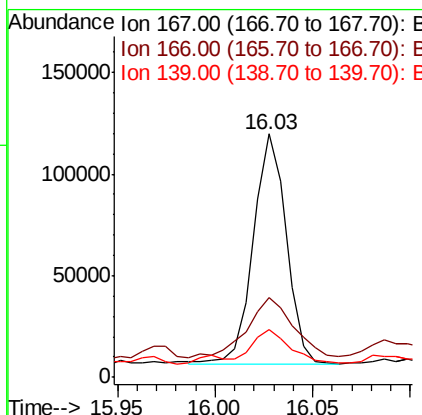
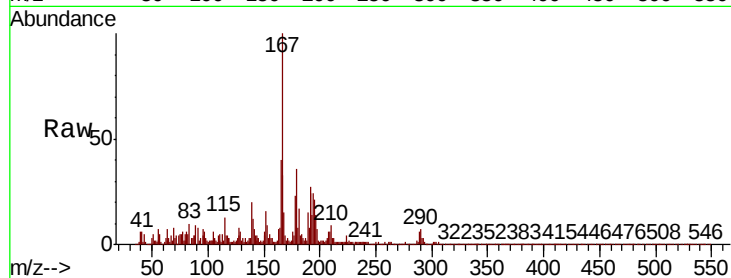




#73
 Carbazole
 Concen: 3.773 ng
 RT: 16.03 min Scan# 2370
 Delta R.T. 0.01 min
 Lab File: BP001037.D
 Acq: 12 Nov 2019 01:38

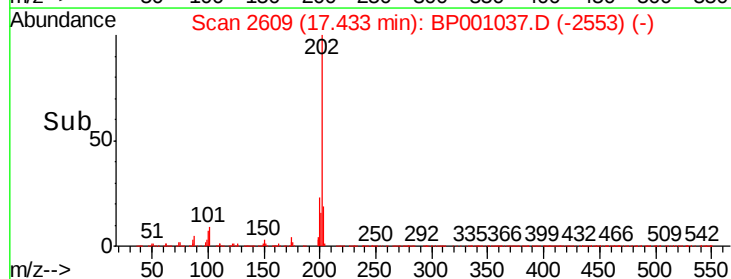
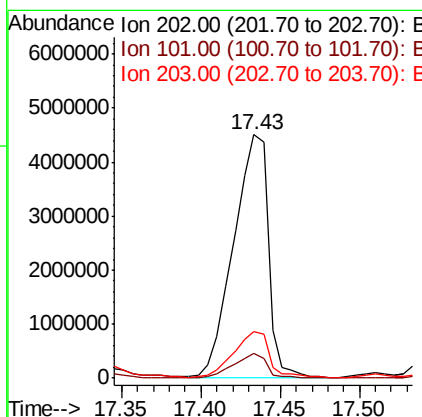
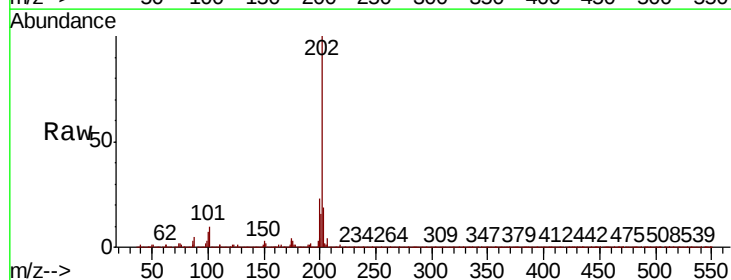
Instrument :
 BNA_P
 ClientSampleId :

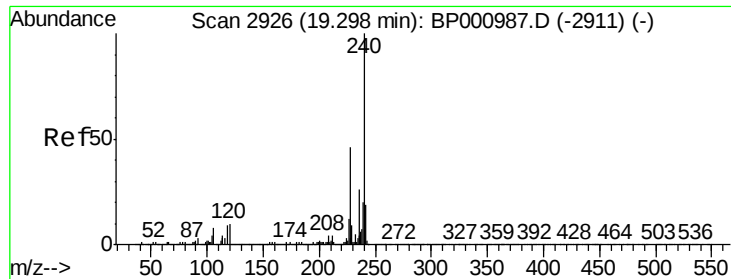
Tot Ion:167 Resp: 132875
 Ion Ratio Lower Upper
 167 100
 166 32.6 17.6 26.4#
 139 19.6 10.6 15.8#



#75
 Fluoranthene
 Concen: 152.950 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.03 min
 Lab File: BP001037.D
 Acq: 12 Nov 2019 01:38

Tgt Ion:202 Resp: 6806679
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 30.1
 203 19.1 0.0 37.7

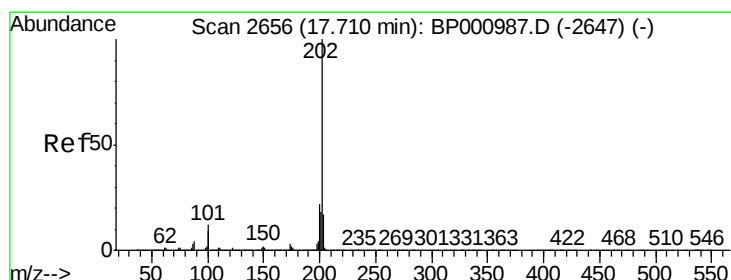
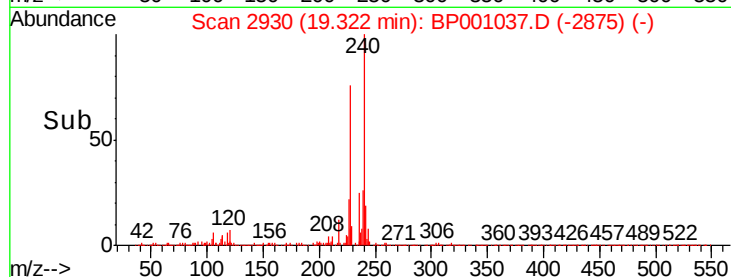
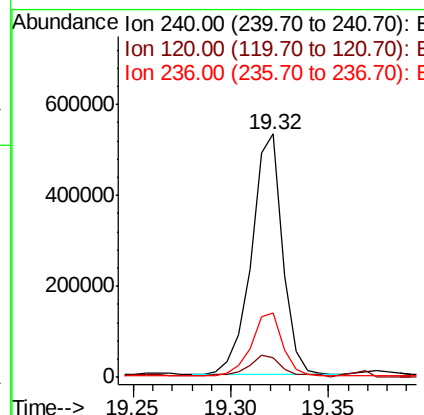
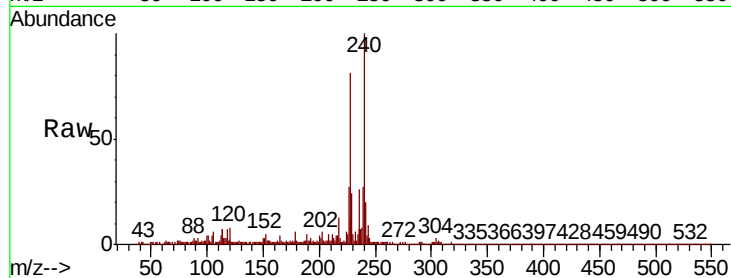




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.32 min Scan# 2930
Delta R.T. 0.02 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

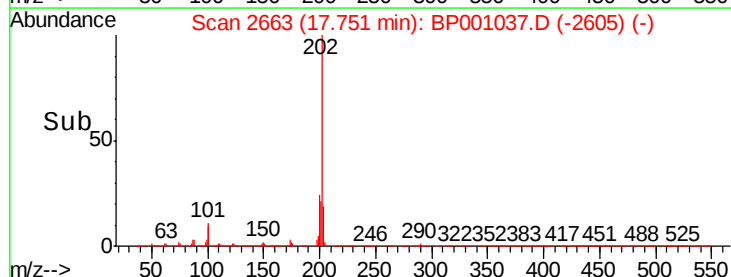
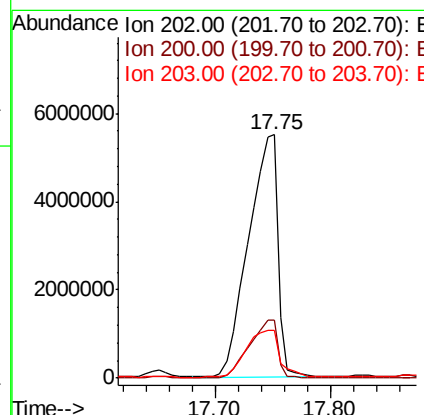
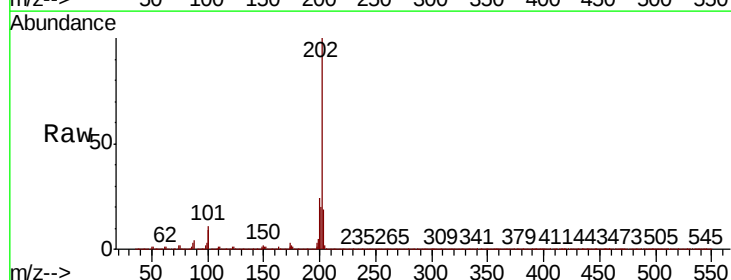
Instrument :
BNA_P
ClientSampleId :

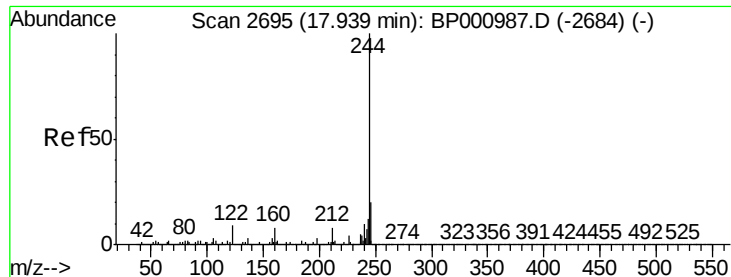
Tot Ion:240 Resp: 582269
Ion Ratio Lower Upper
240 100
120 7.9 8.2 12.2#
236 26.2 20.5 30.7



#78
Pyrene
Concen: 238.178 ng
RT: 17.75 min Scan# 2663
Delta R.T. 0.04 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Tgt Ion:202 Resp: 9800894
Ion Ratio Lower Upper
202 100
200 23.8 17.2 25.8
203 19.4 14.0 21.0





#79

Terphenyl-d14

Concen: 12.296 ng

RT: 17.95 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Instrument :

BNA_P

ClientSampleId :

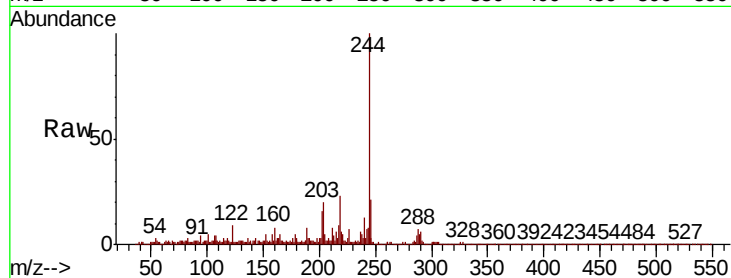
Tot Ion:244 Resp: 359940

Ion Ratio Lower Upper

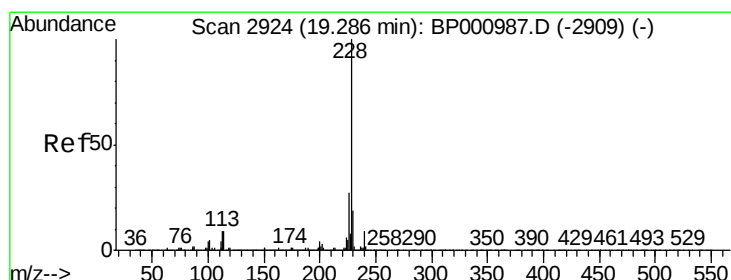
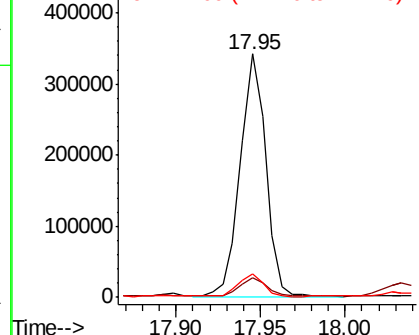
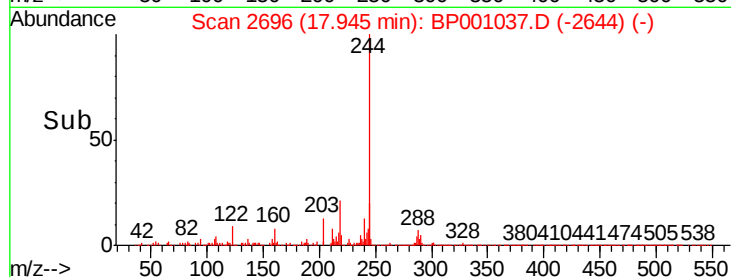
244 100

212 8.1 6.0 9.0

122 9.5 7.4 11.2



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: 97.212 ng

RT: 19.31 min Scan# 2928

Delta R.T. 0.02 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

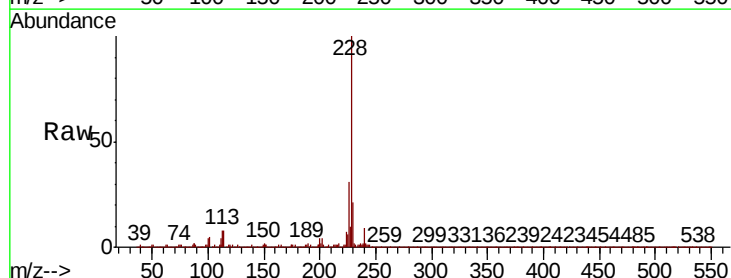
Tgt Ion:228 Resp: 3812205

Ion Ratio Lower Upper

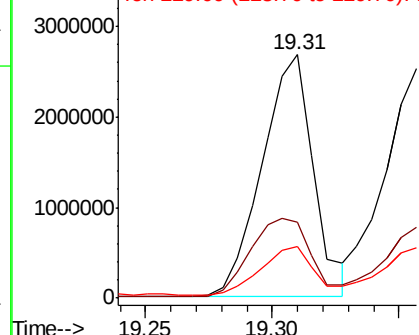
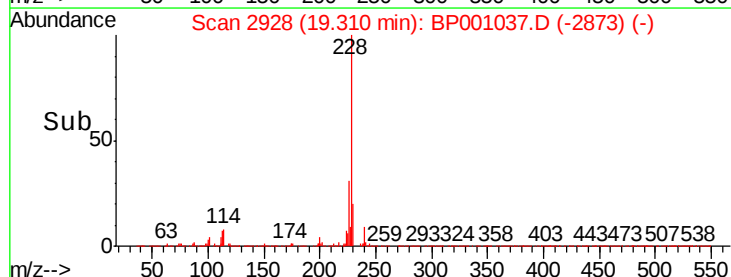
228 100

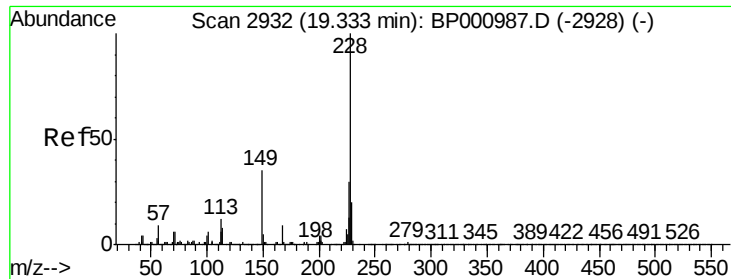
226 31.4 21.8 32.8

229 21.1 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 90.477 ng

RT: 19.36 min Scan# 2936

Delta R.T. 0.02 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Instrument :

BNA_P

ClientSampleId :

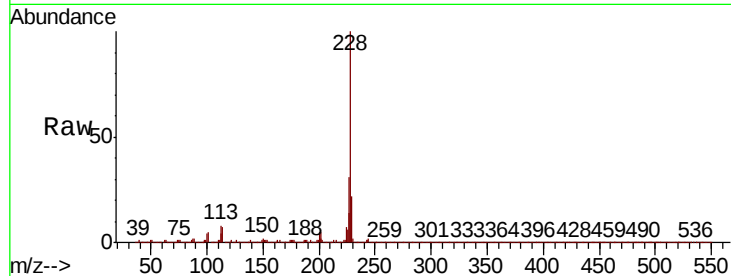
Tot Ion:228 Resp: 3115012

Ion Ratio Lower Upper

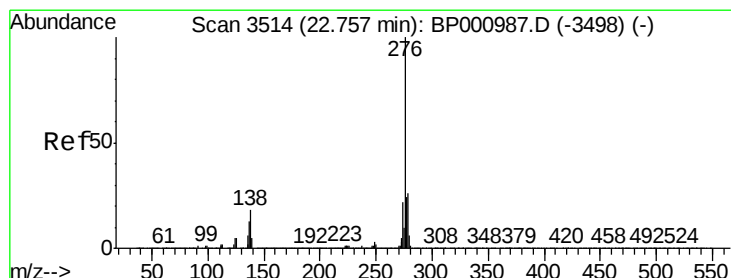
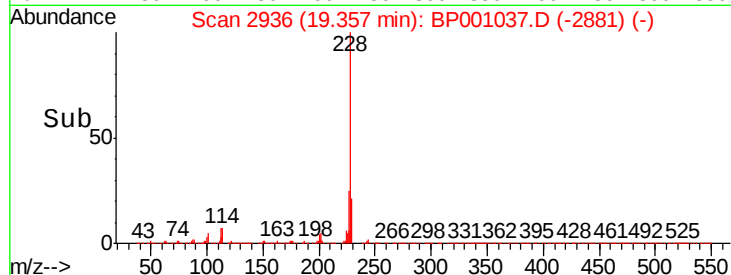
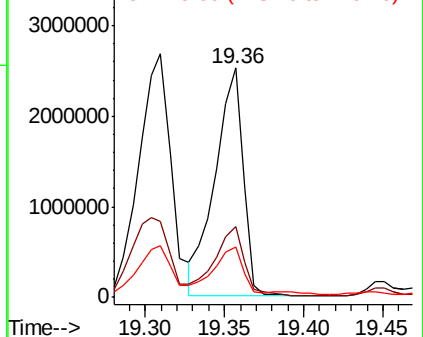
228 100

226 31.0 24.2 36.2

229 21.7 15.8 23.6



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: 3.129 ng

RT: 22.60 min Scan# 3487

Delta R.T. -0.16 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

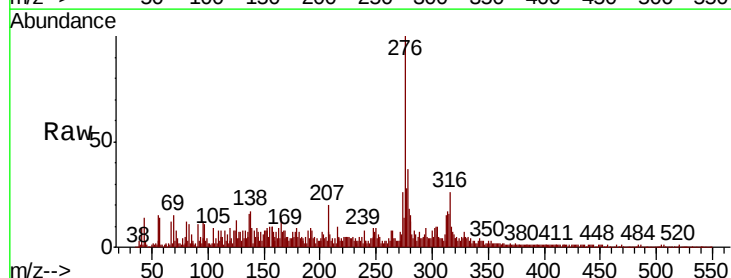
Tgt Ion:276 Resp: 147388

Ion Ratio Lower Upper

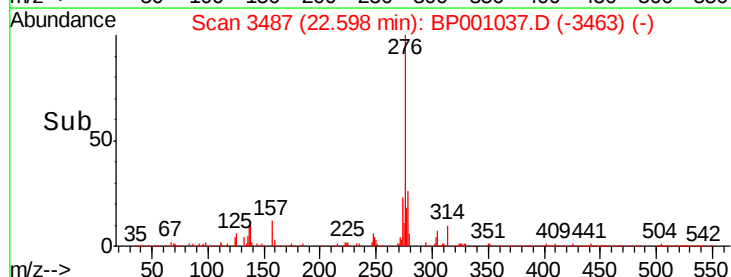
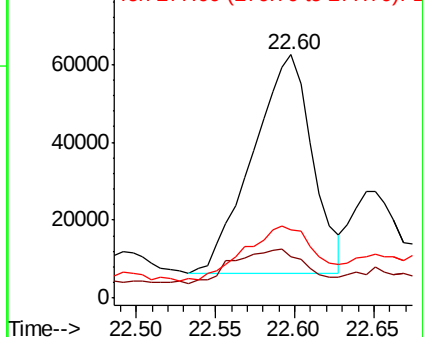
276 100

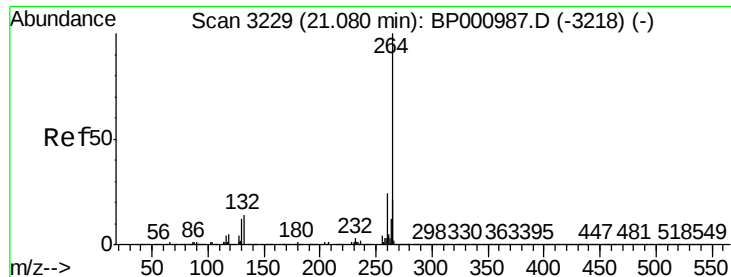
138 17.8 17.6 26.4

277 29.2 20.2 30.4



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



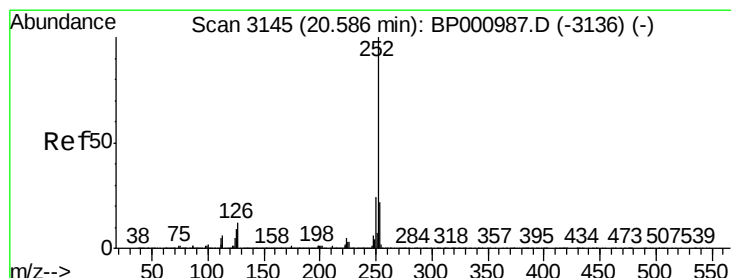
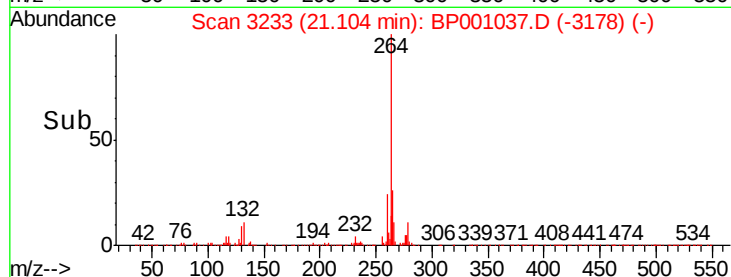
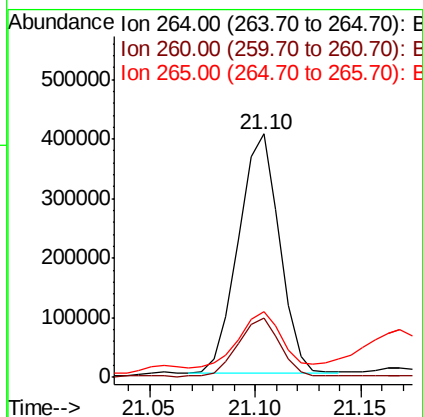
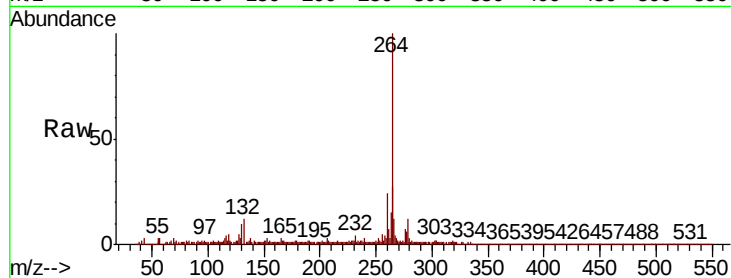


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3233
Delta R.T. 0.02 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 545094

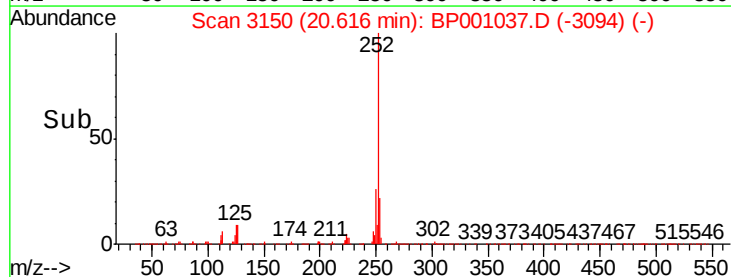
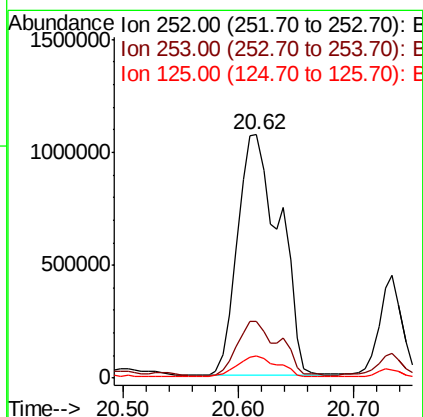
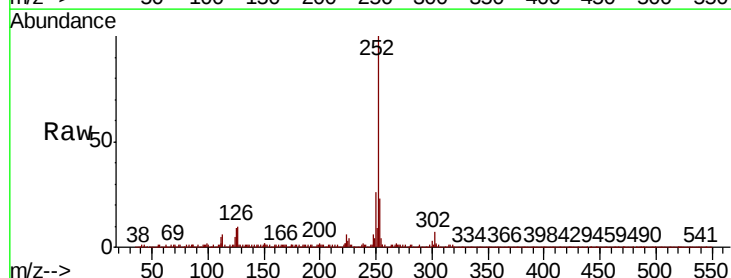
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	27.1	17.1	25.7#

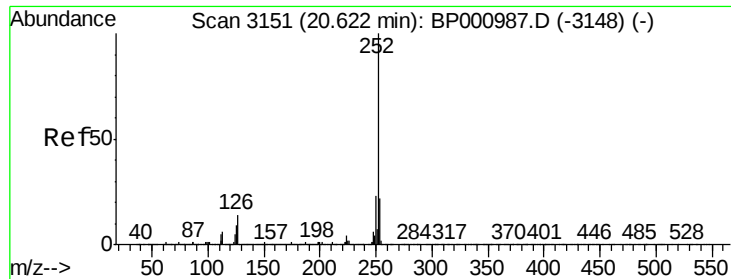


#88
Benzo(b)fluoranthene
Concen: 82.861 ng
RT: 20.62 min Scan# 3150
Delta R.T. 0.03 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Tgt Ion:252 Resp: 2692349

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	9.3	7.3	10.9

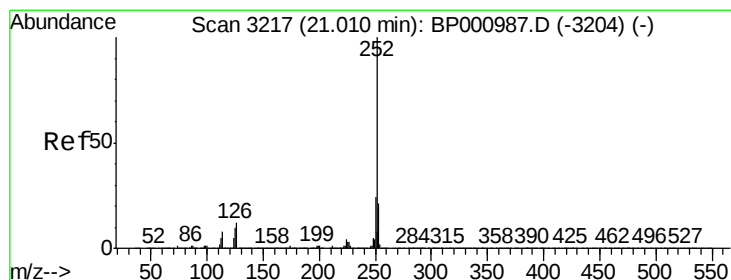
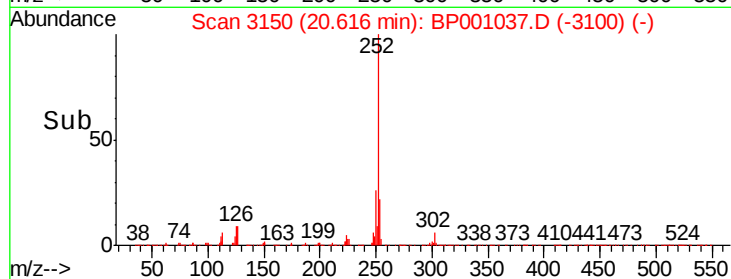
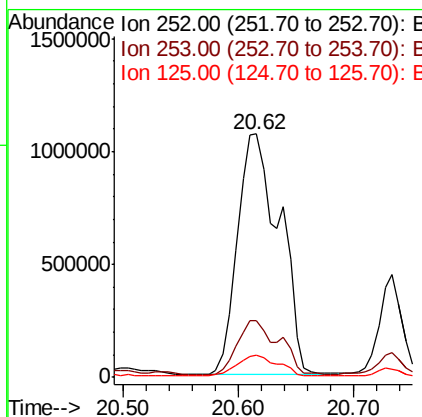
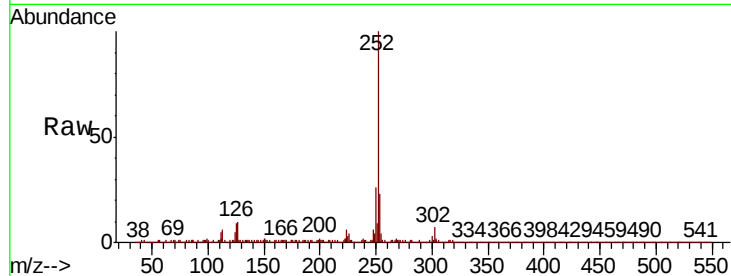




#89
Benzo(k)fluoranthene
Concen: 88.025 ng
RT: 20.62 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

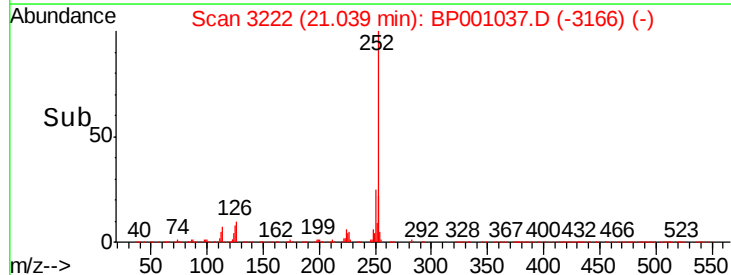
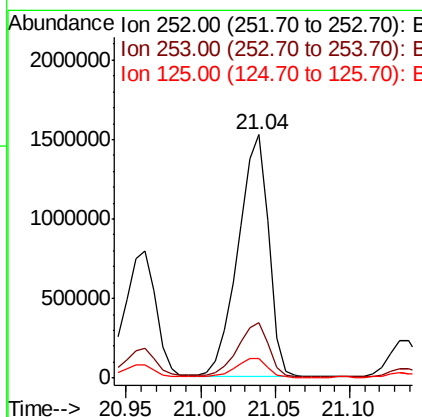
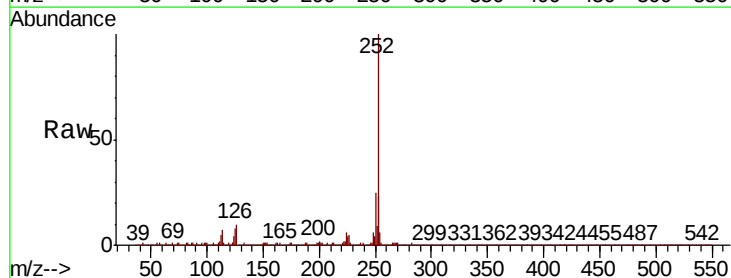
Instrument :
BNA_P
ClientSampleId :

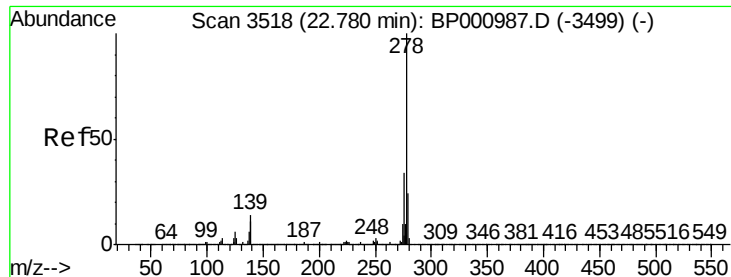
Tot Ion:252 Resp: 2692349
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 72.362 ng
RT: 21.04 min Scan# 3222
Delta R.T. 0.03 min
Lab File: BP001037.D
Acq: 12 Nov 2019 01:38

Tgt Ion:252 Resp: 2162019
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 8.2 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 7.572 ng

RT: 22.79 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

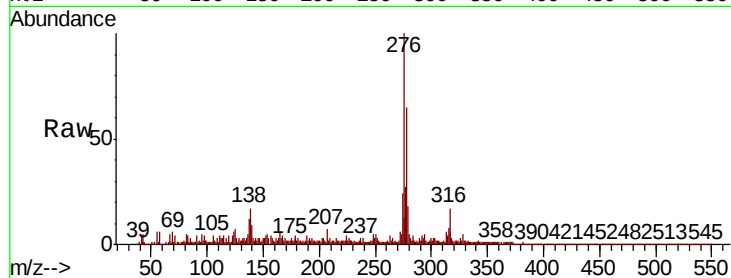
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 230907

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.3	16.9
279	28.3	19.1	28.7

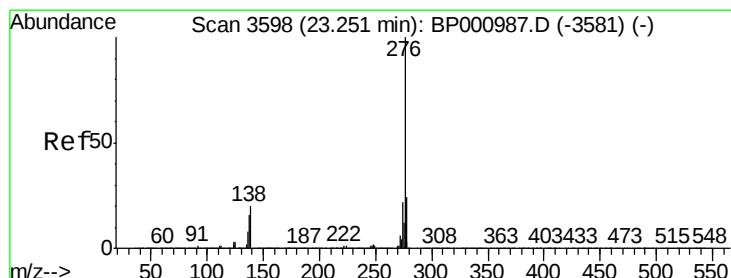
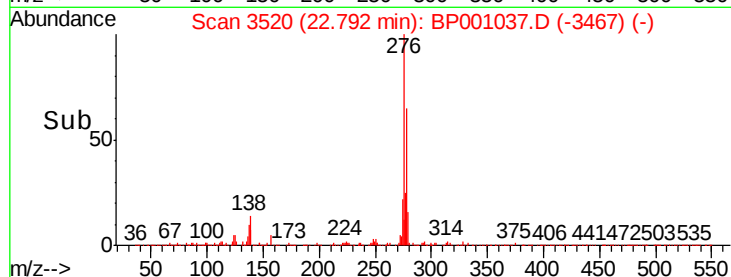
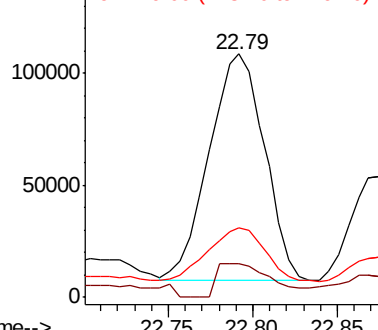


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 20.271 ng

RT: 23.27 min Scan# 3602

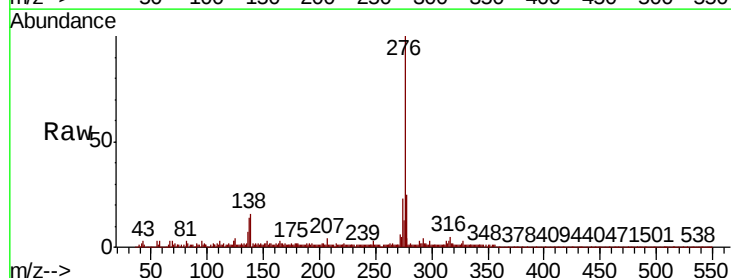
Delta R.T. 0.02 min

Lab File: BP001037.D

Acq: 12 Nov 2019 01:38

Tgt Ion:276 Resp: 622408

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	16.0	15.7	23.5



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

