

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001023.D
 Acq On : 11 Nov 2019 18:41
 Operator : JU
 Sample : K5749-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 04:15:49 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	260419	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	953915	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	528469	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	969759	20.00	ng	0.00
76) Chrysene-d12	19.30	240	675104	20.00	ng	0.00
87) Perylene-d12	21.09	264	834071	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1354769	94.69	ng	0.00
7) Phenol-d6	7.82	99	1782541	98.52	ng	0.00
23) Nitrobenzene-d5	9.25	82	1076909	62.45	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	606246	96.10	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2247329	64.05	ng	0.00
79) Terphenyl-d14	17.94	244	2340485	68.96	ng	0.00

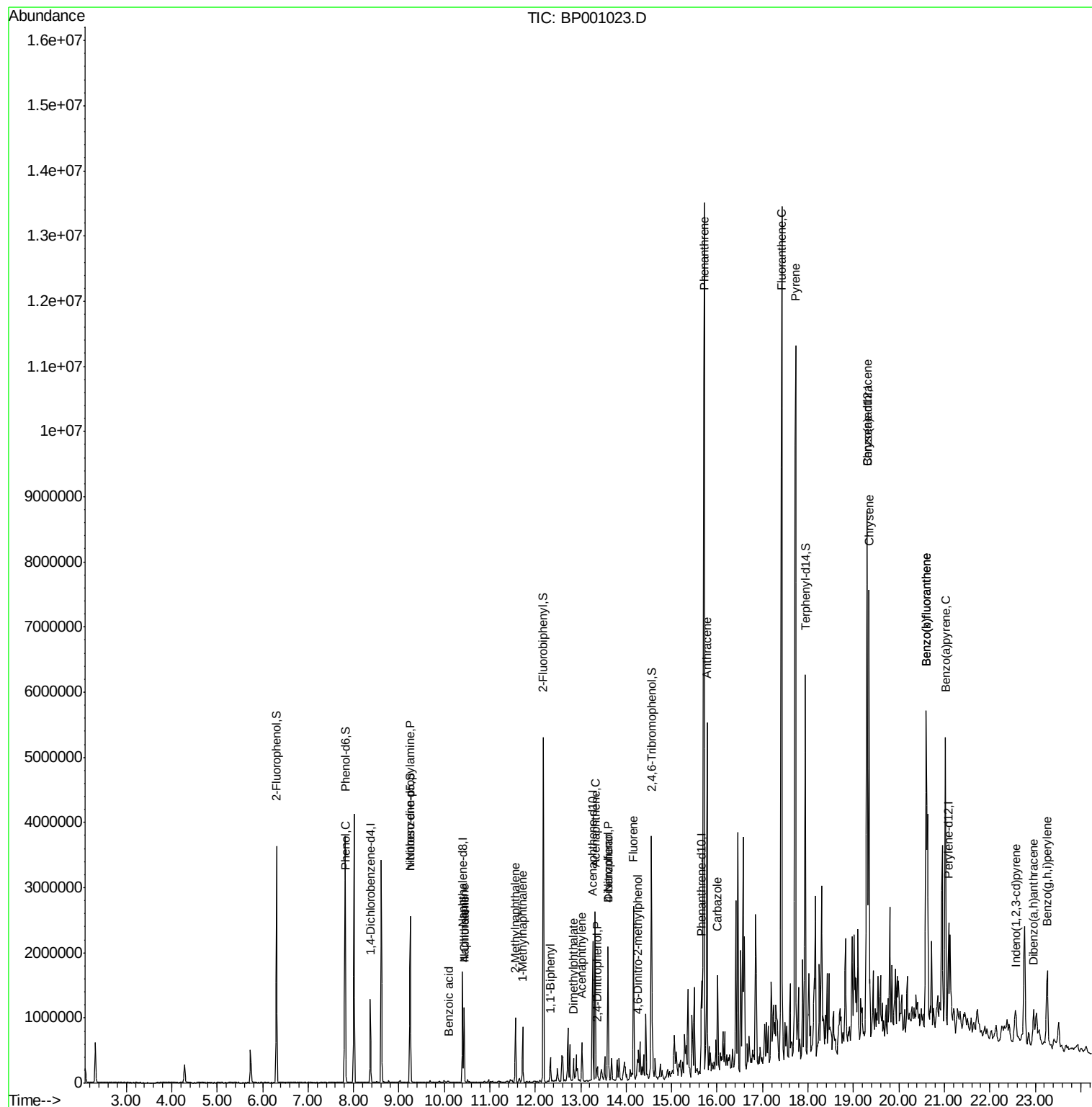
Target Compounds				Qvalue		
10) Phenol	7.83	94	116962	5.910	ng	92
19) n-Nitroso-di-n-propylamine	9.25	70	144556	13.306	ng	# 79
31) Naphthalene	10.43	128	604876	12.692	ng	99
32) Benzoic acid	10.09	122	6043	8.362	ng	# 16
33) 4-Chloroaniline	10.43	127	82012	4.013	ng	# 39
37) 2-Methylnaphthalene	11.56	142	313351	9.394	ng	99
38) 1-Methylnaphthalene	11.72	142	279910	8.880	ng	99
46) 1,1'-Biphenyl	12.33	154	145015	3.670	ng	97
49) Acenaphthylene	13.02	152	272432	5.633	ng	98
50) Dimethylphthalate	12.85	163	174685	4.470	ng	99
52) Acenaphthene	13.32	154	761329	26.322	ng	97
54) 2,4-Dinitrophenol	13.36	184	31	8.319	ng	# 1
55) Dibenzofuran	13.60	168	978468	21.658	ng	97
56) 4-Nitrophenol	13.60	139	394875	63.869	ng	# 7
58) Fluorene	14.16	166	891301	24.789	ng	99
65) 4,6-Dinitro-2-methylphenol	14.26	198	76	9.901	ng	# 1
71) Phenanthrene	15.72	178	8635384	173.983	ng	96
72) Anthracene	15.78	178	2721742	56.214	ng	99
73) Carbazole	16.02	167	784550	17.674	ng	100
75) Fluoranthene	17.42	202	8705500	155.176	ng	97
78) Pyrene	17.73	202	7330027	153.637	ng	96
81) Benzo(a)anthracene	19.30	228	4143259	91.125	ng	97
83) Chrysene	19.35	228	3376971	84.598	ng	97
86) Indeno(1,2,3-cd)pyrene	22.57	276	288001	5.273	ng	96
88) Benzo(b)fluoranthene	20.60	252	3805460	76.541	ng	98
89) Benzo(k)fluoranthene	20.60	252	3805460	81.312	ng	97
90) Benzo(a)pyrene	21.03	252	2841396	62.152	ng	96
91) Dibenzo(a,h)anthracene	22.96	278	425501	9.119	ng	94
92) Benzo(g,h,i)perylene	23.26	276	1202462	25.593	ng	96

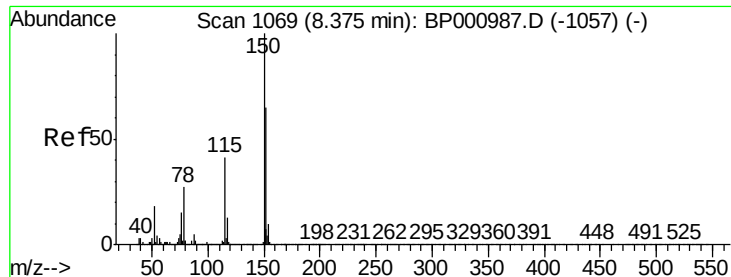
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 06 17:07:13 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_P

ClientSampleId :

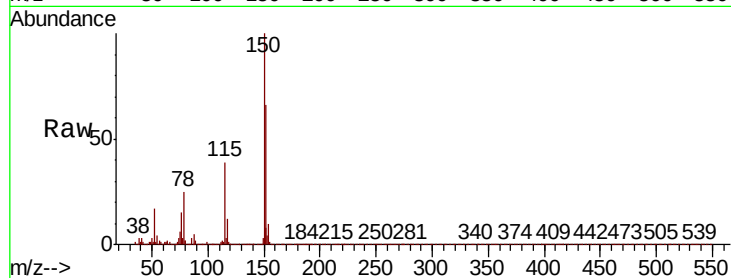
Tot Ion:152 Resp: 260419

Ion Ratio Lower Upper

152 100

150 152.6 123.6 185.4

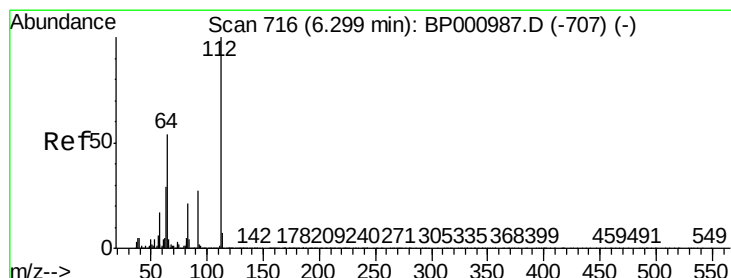
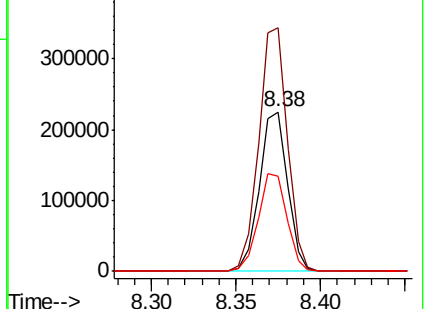
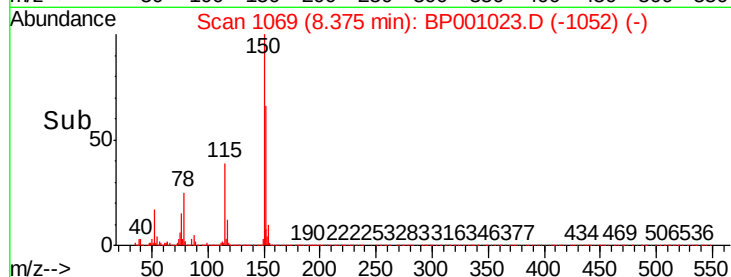
115 59.9 50.1 75.1



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: 94.690 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

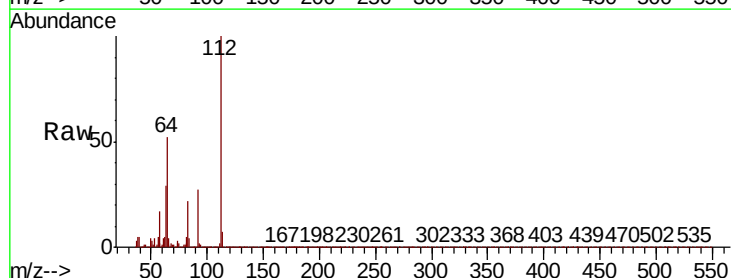
Tgt Ion:112 Resp: 1354769

Ion Ratio Lower Upper

112 100

64 51.8 43.4 65.0

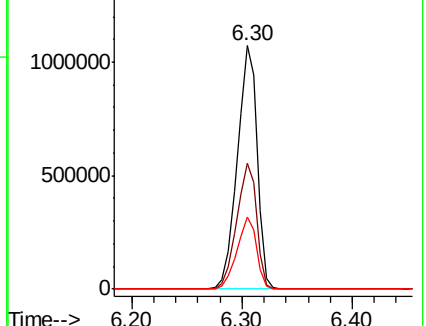
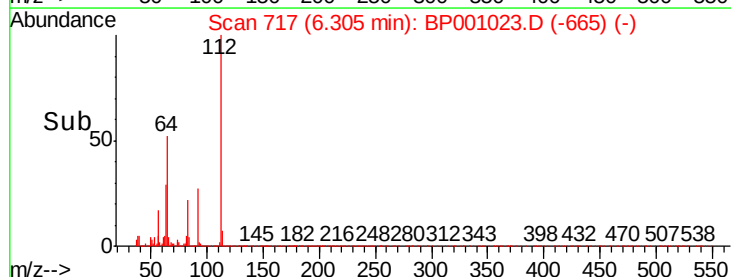
63 29.4 23.4 35.0

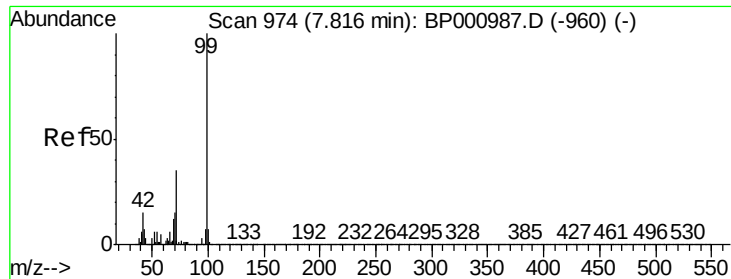


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 98.524 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

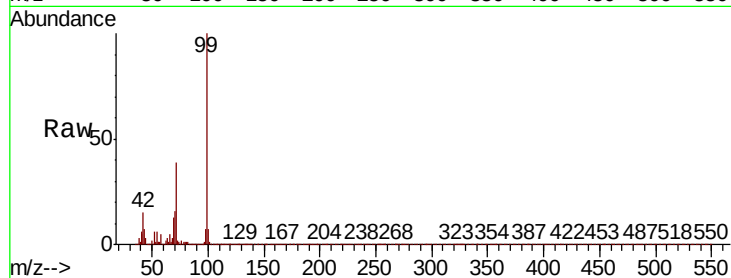
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1782541

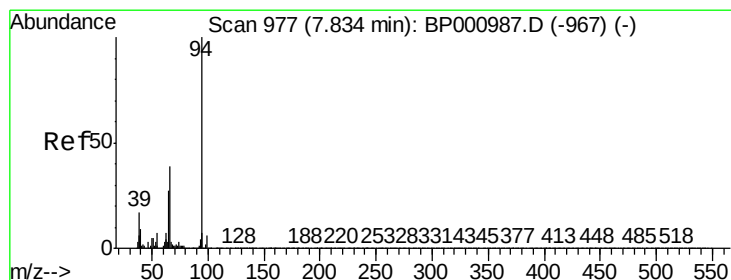
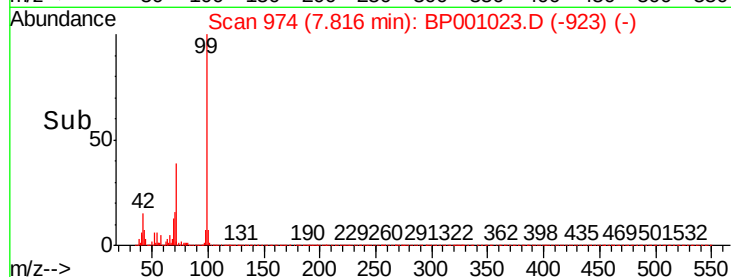
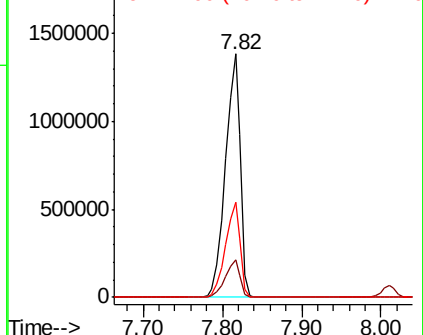
Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.6	17.4
71	38.9	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 5.910 ng

RT: 7.83 min Scan# 976

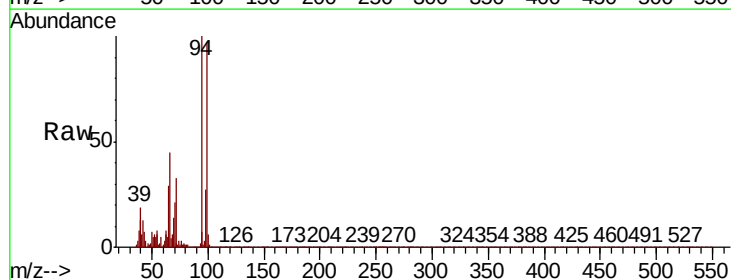
Delta R.T. -0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Tgt Ion: 94 Resp: 116962

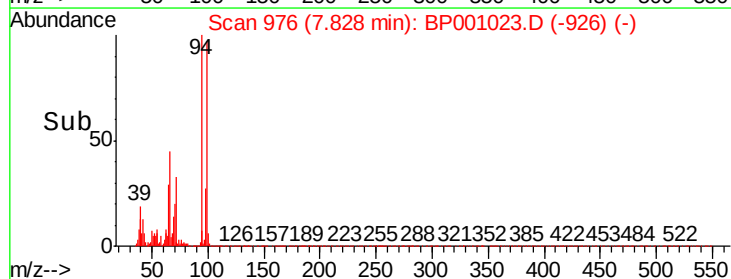
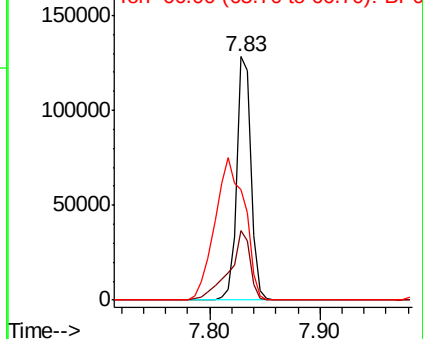
Ion	Ratio	Lower	Upper
94	100		
65	28.5	6.7	46.7
66	45.5	18.6	58.6

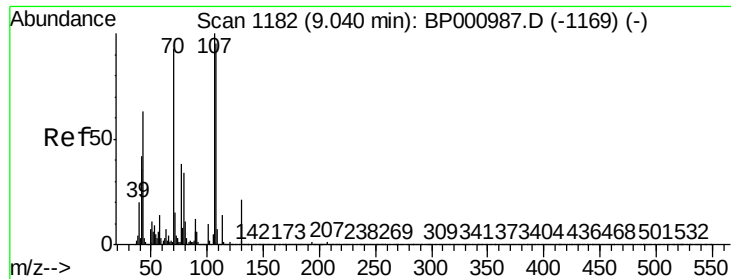


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

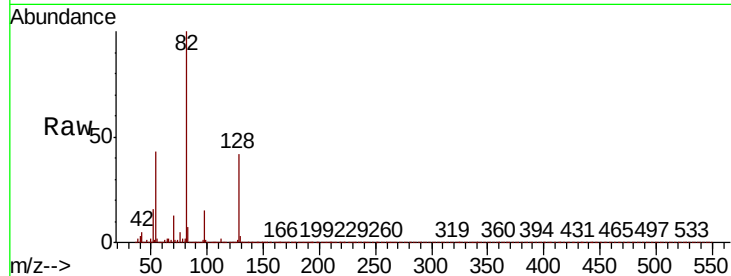




#19
n-Nitroso-di-n-propylamine
Concen: 13.306 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.7	36.3	54.5
101	0.0	8.7	13.1#
130	2.0	18.0	27.0#



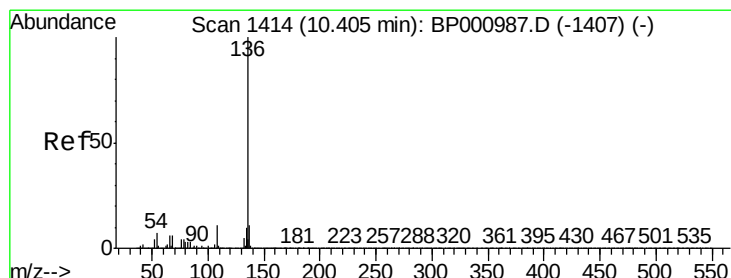
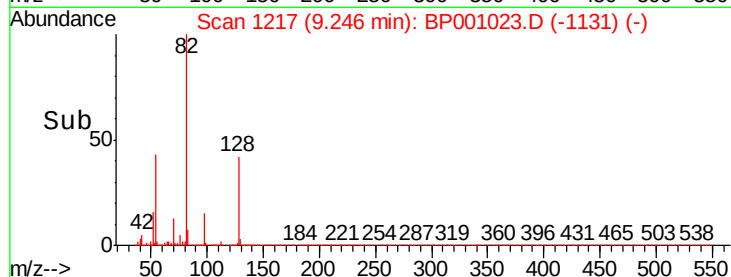
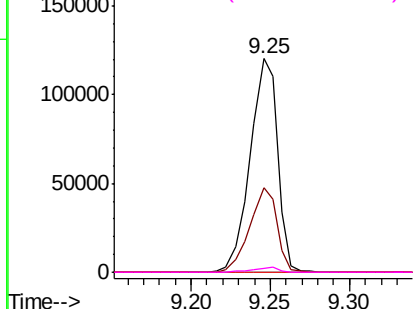
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.5	5.4	8.2
68	5.3	4.7	7.1

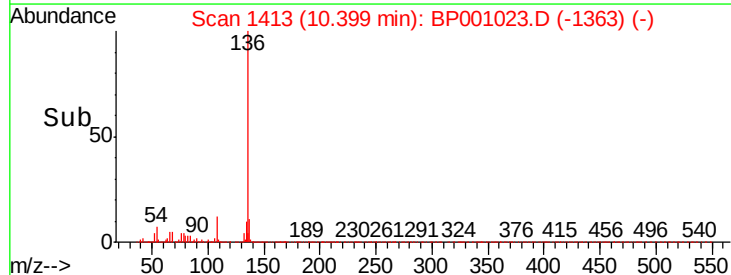
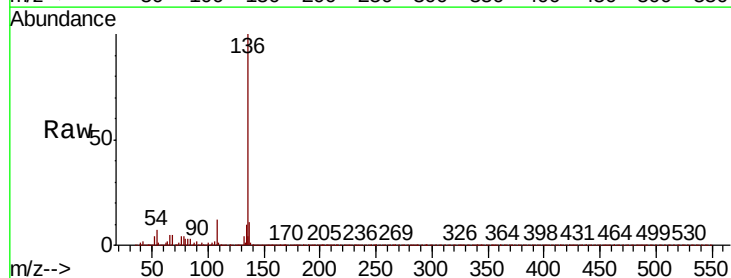
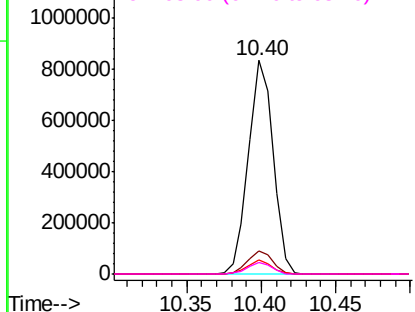
Abundance

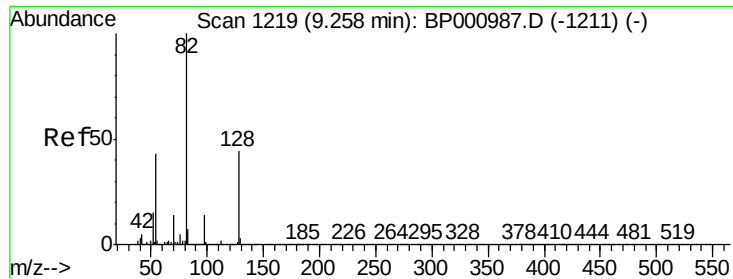
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

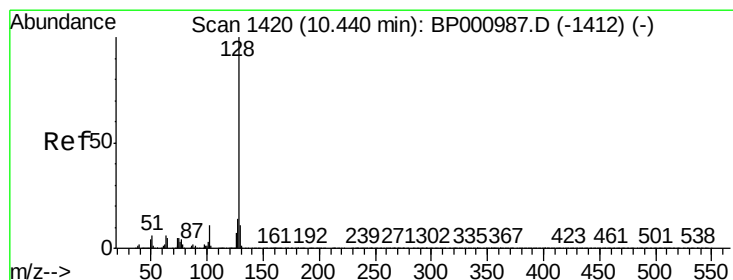
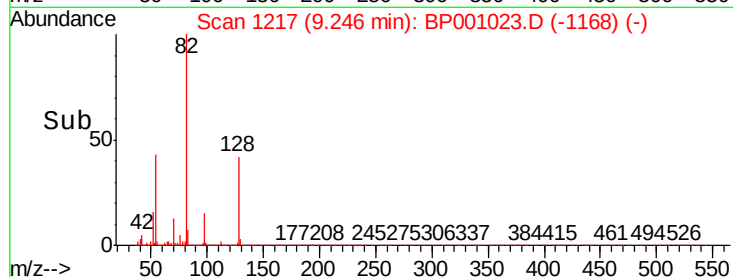
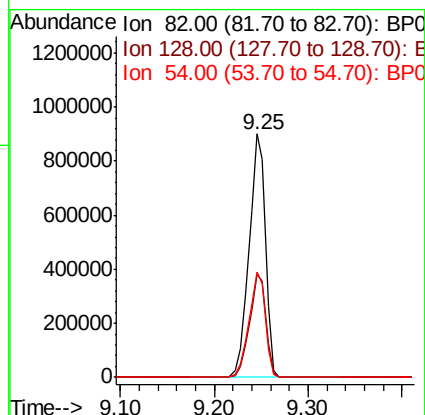
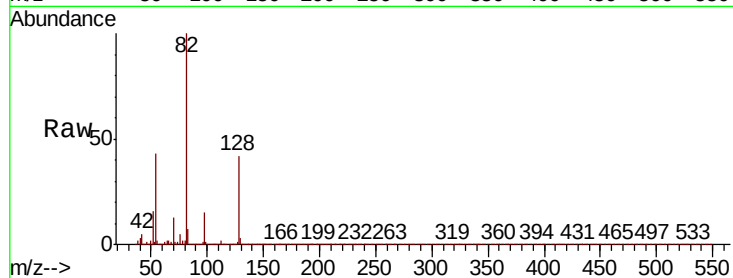




#23
Nitrobenzene-d5
Concen: 62.449 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

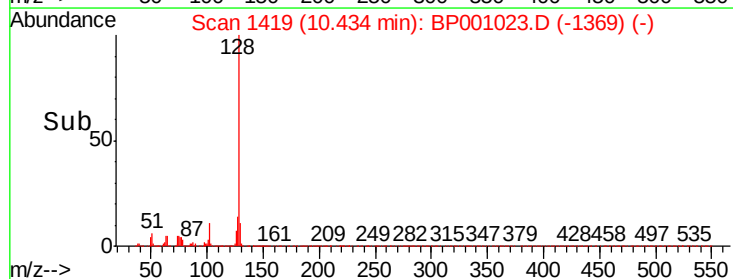
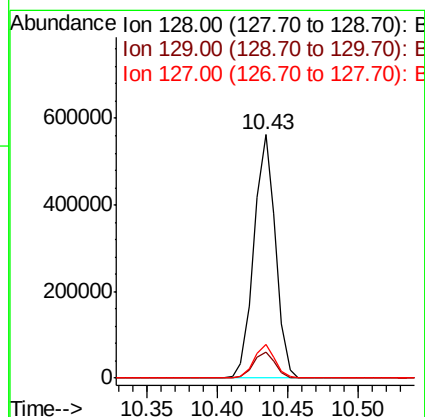
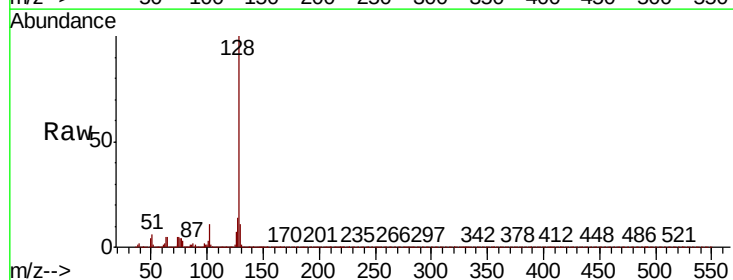
Instrument :
BNA_P
ClientSampleId :

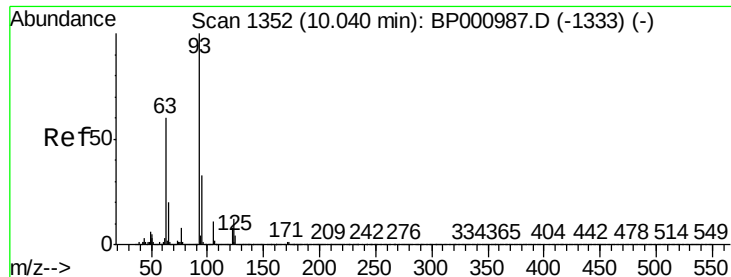
Tot Ion: 82 Resp: 1076909
Ion Ratio Lower Upper
82 100
128 42.2 35.3 52.9
54 43.4 34.3 51.5



#31
Naphthalene
Concen: 12.692 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion: 128 Resp: 604876
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.9 10.8 16.2





#32

Benzoic acid

Concen: 8.362 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.05 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_P

ClientSampleId :

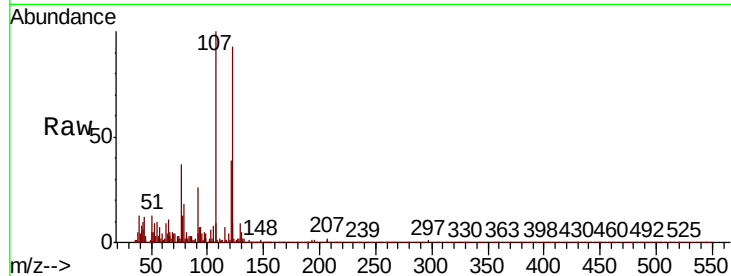
Tot Ion:122 Resp: 6043

Ion Ratio Lower Upper

122 100

105 9.1 110.5 150.5#

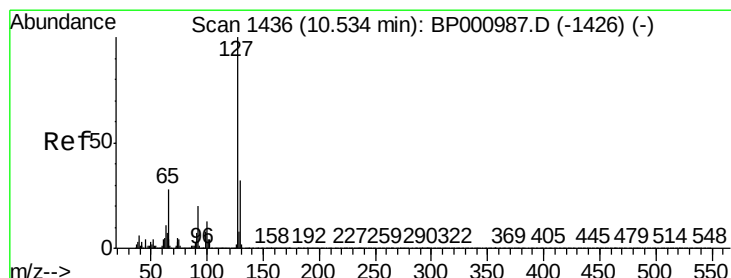
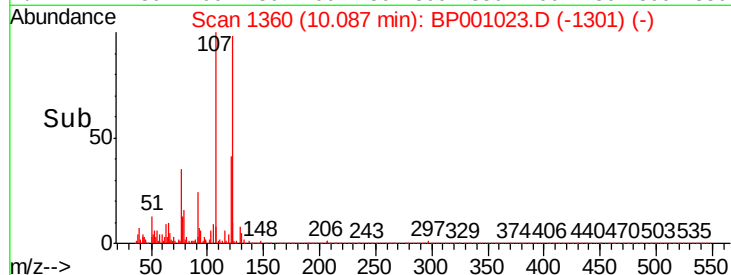
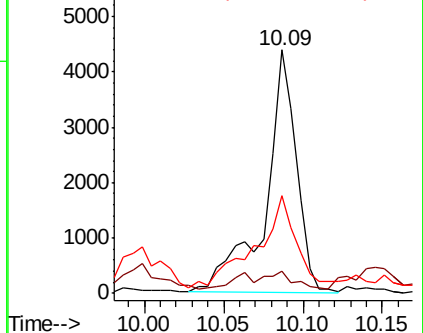
77 40.1 77.9 117.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#33

4-Chloroaniline

Concen: 4.013 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.10 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Tgt Ion:127 Resp: 82012

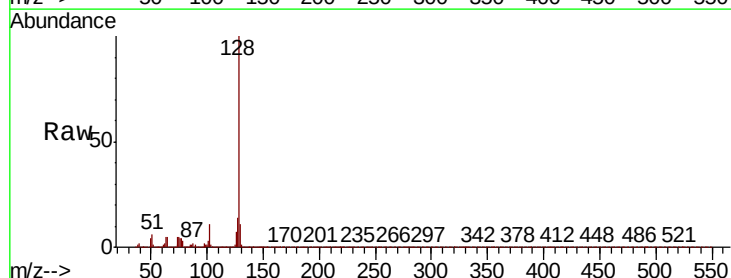
Ion Ratio Lower Upper

127 100

129 76.3 25.8 38.6#

65 0.0 22.7 34.1#

92 0.1 15.8 23.6#

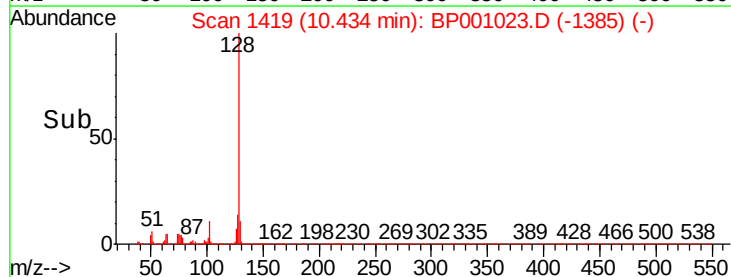
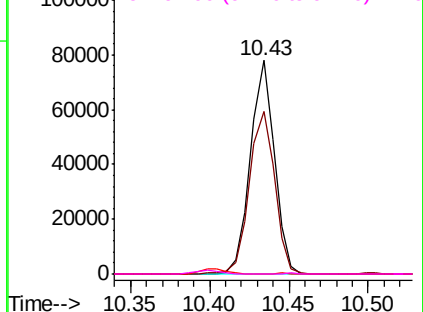


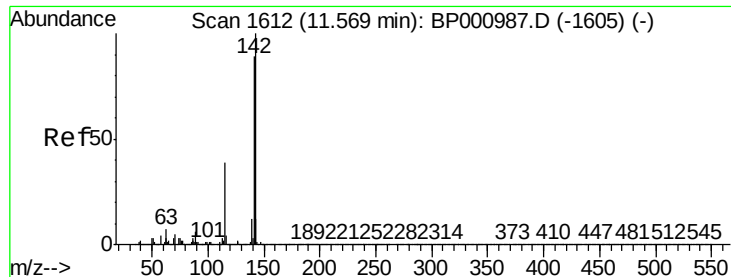
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

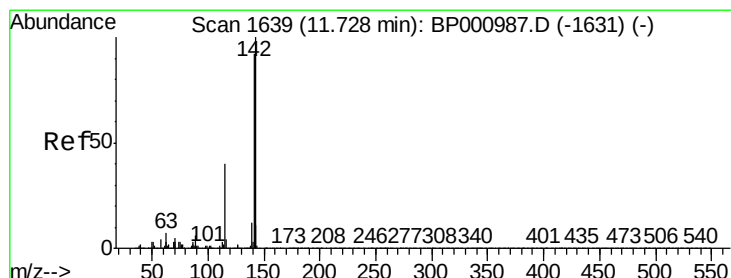
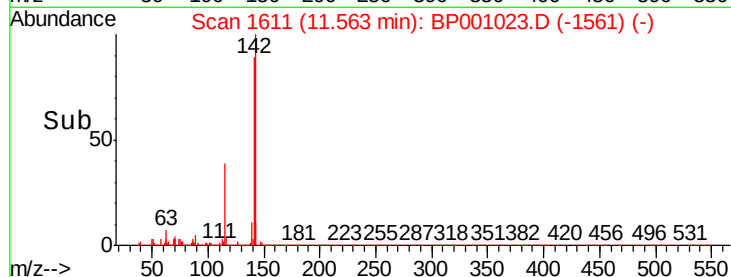
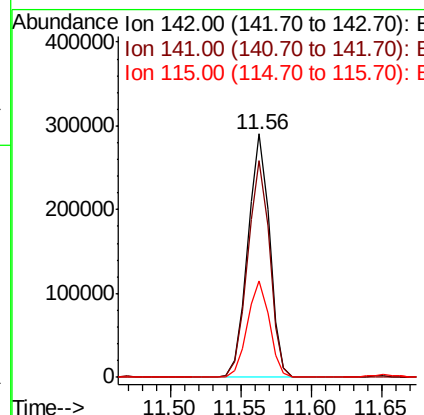
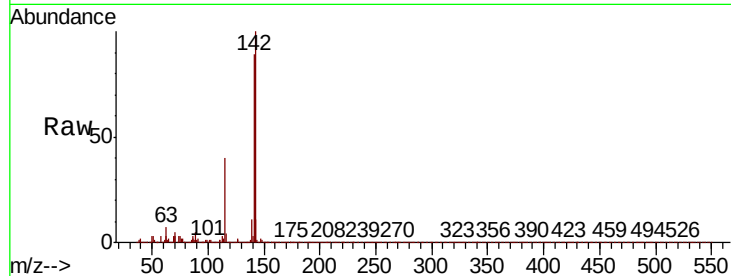




#37
 2-Methylnaphthalene
 Concen: 9.394 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BP001023.D
 Acq: 11 Nov 2019 18:41

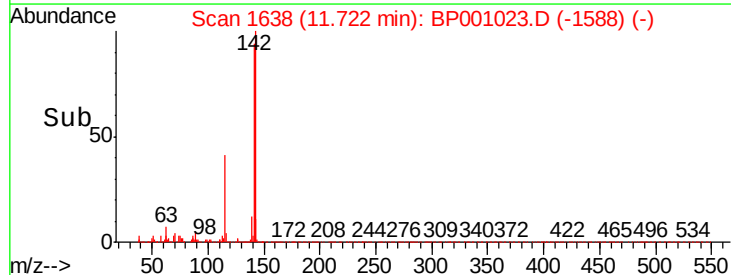
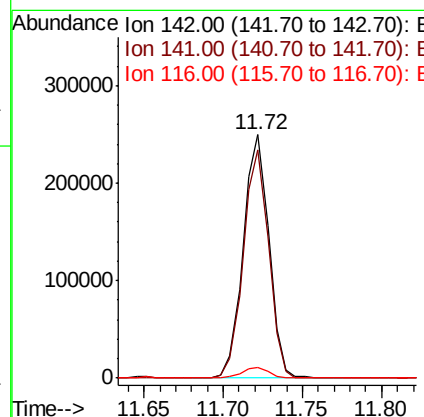
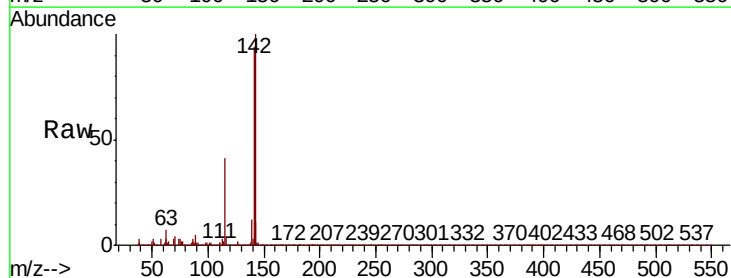
Instrument :
 BNA_P
 ClientSampleId :

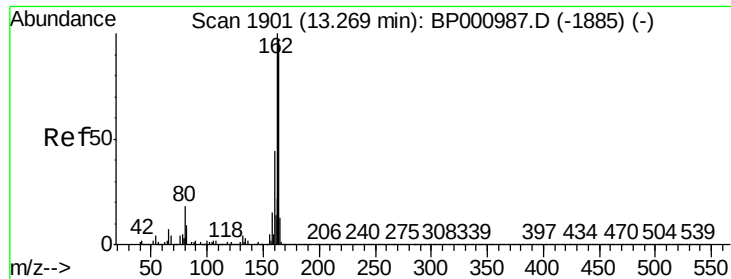
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.5	107.3
115	39.5	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 8.880 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BP001023.D
 Acq: 11 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.9	110.9
116	4.2	3.4	5.0

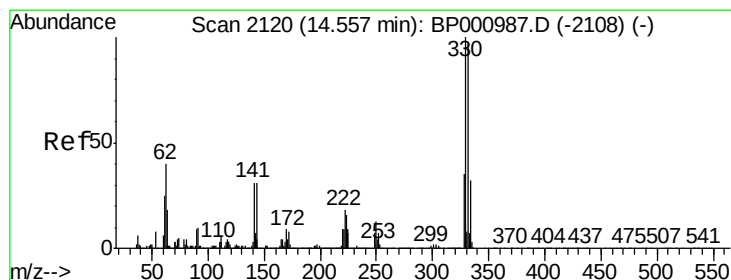
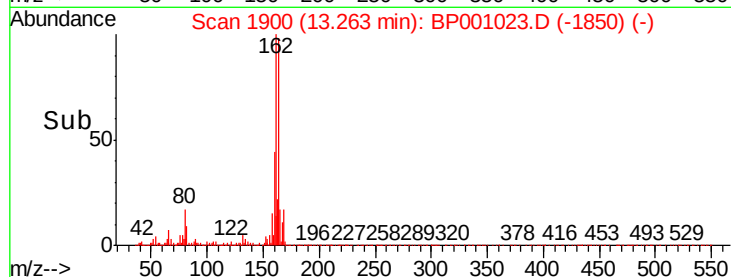
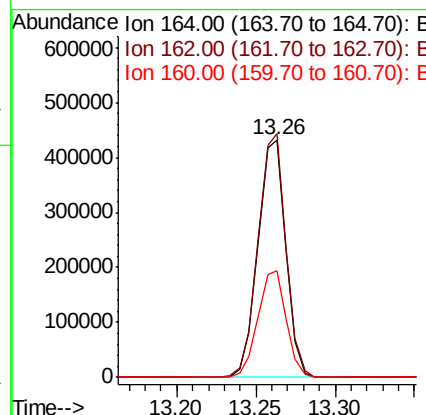
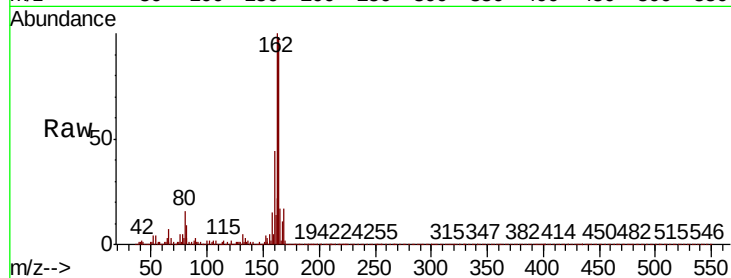




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

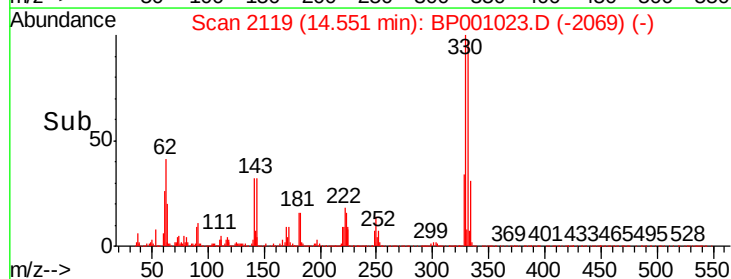
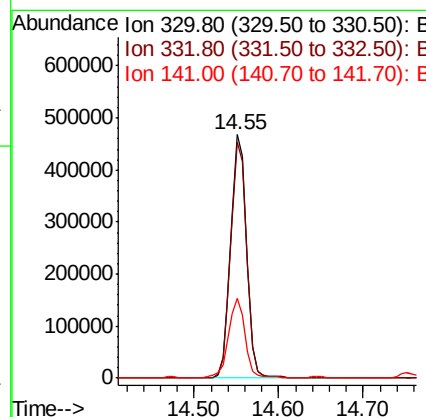
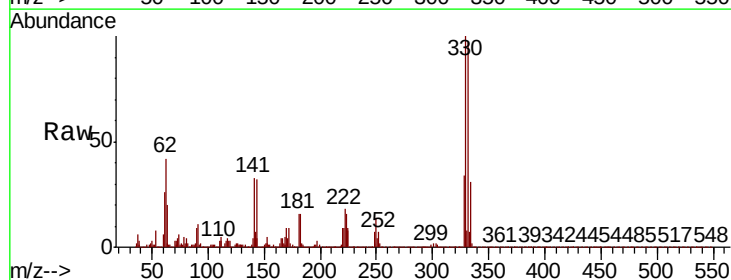
Instrument :
BNA_P
ClientSampleId :

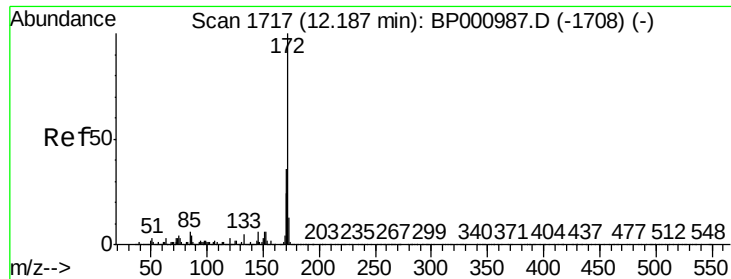
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	44.9	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 96.097 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.3	117.5
141	33.6	25.0	37.4

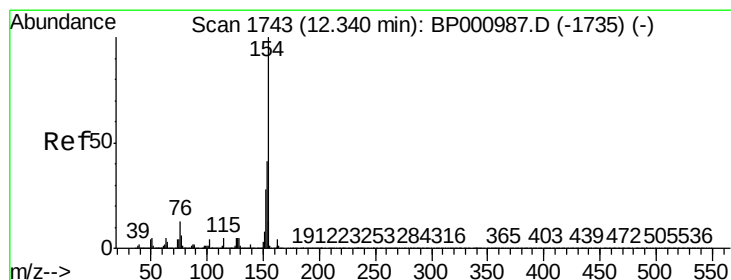
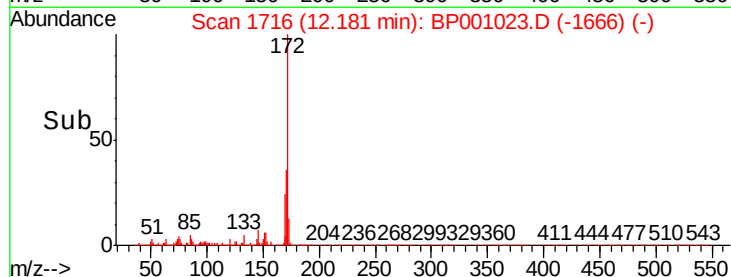
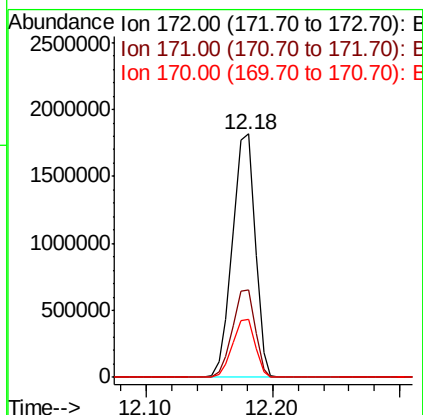
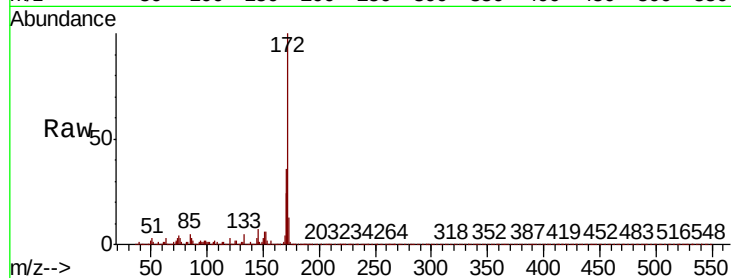




#45
2-Fluorobiphenyl
Concen: 64.047 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

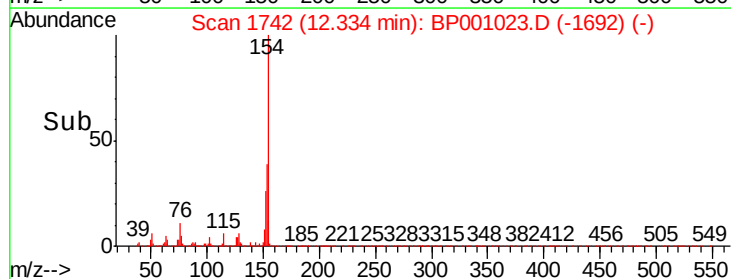
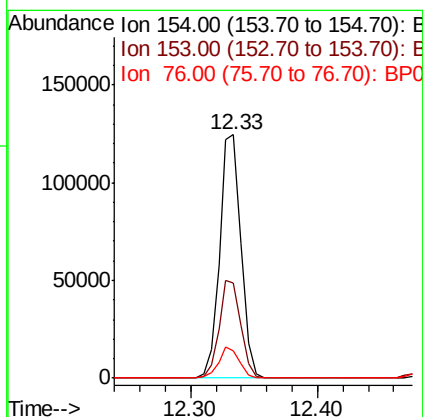
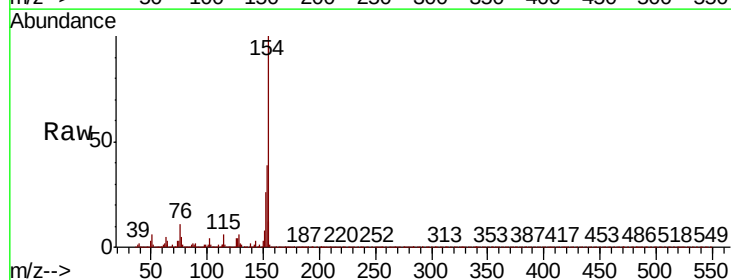
Instrument :
BNA_P
ClientSampled :

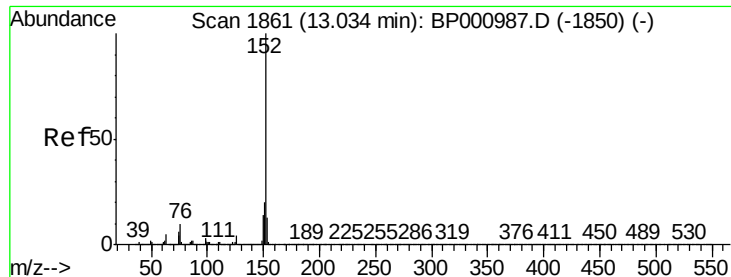
Tot Ion:172 Resp: 2247329
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 3.670 ng
RT: 12.33 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:154 Resp: 145015
Ion Ratio Lower Upper
154 100
153 39.3 20.9 60.9
76 11.1 0.0 32.5





#49

Acenaphthylene

Concen: 5.633 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

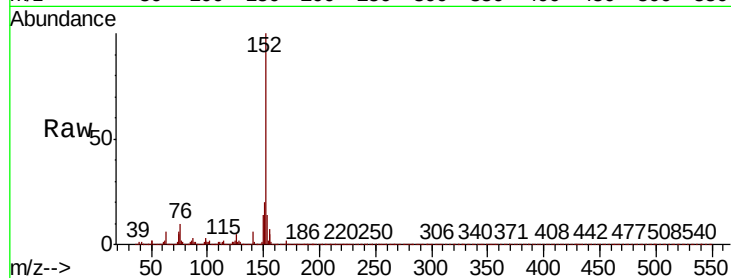
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 272432

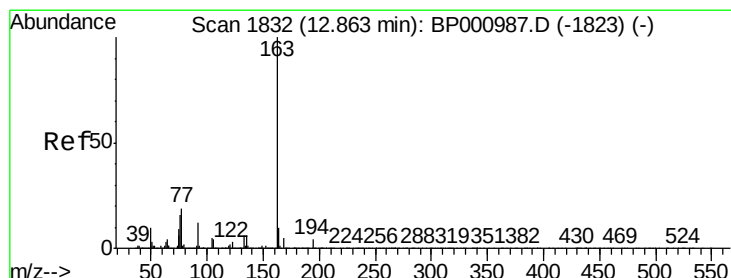
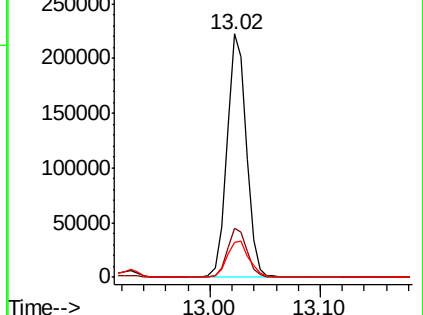
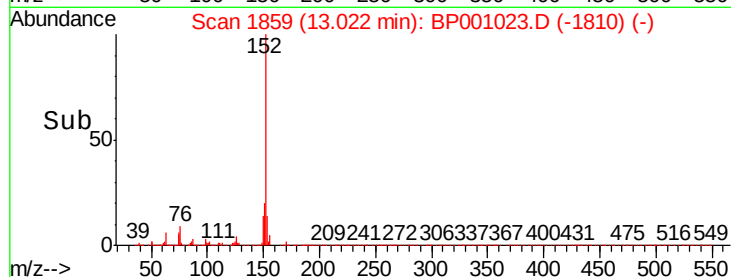
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	14.5	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.470 ng

RT: 12.85 min Scan# 1829

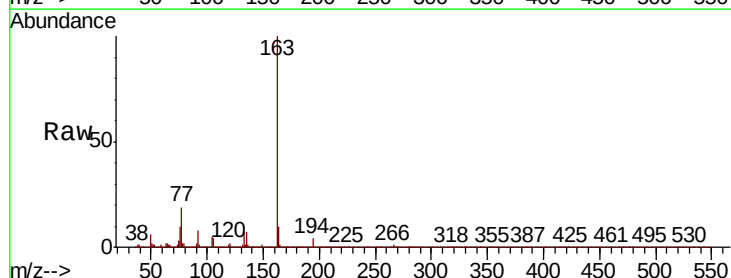
Delta R.T. -0.02 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Tgt Ion:163 Resp: 174685

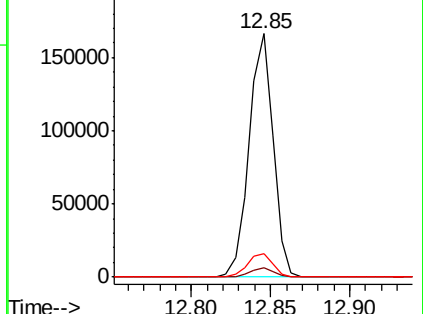
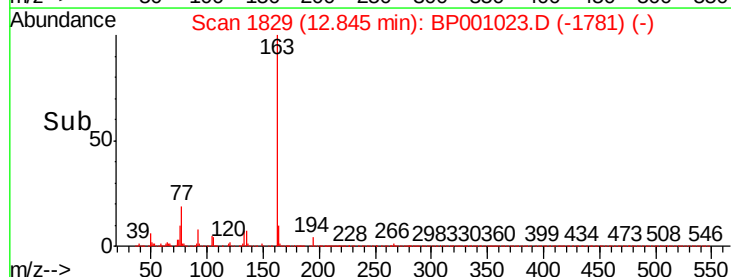
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.8	7.9	11.9

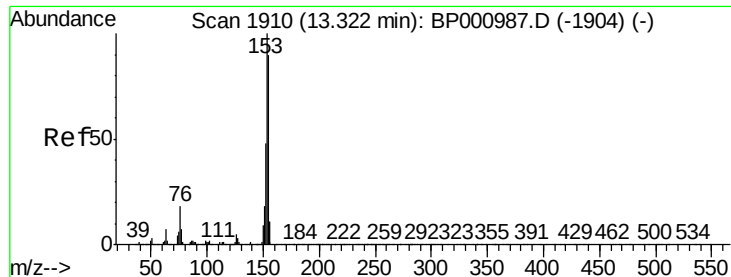


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 26.322 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_P

ClientSampleId :

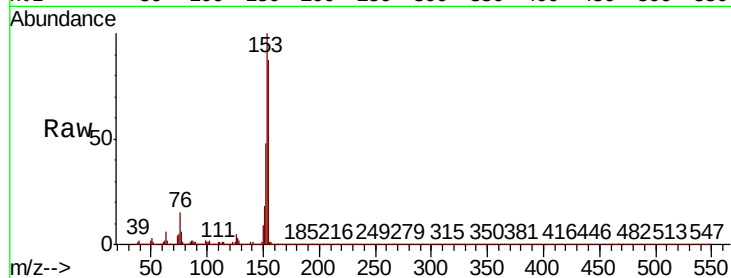
Tot Ion:154 Resp: 761329

Ion Ratio Lower Upper

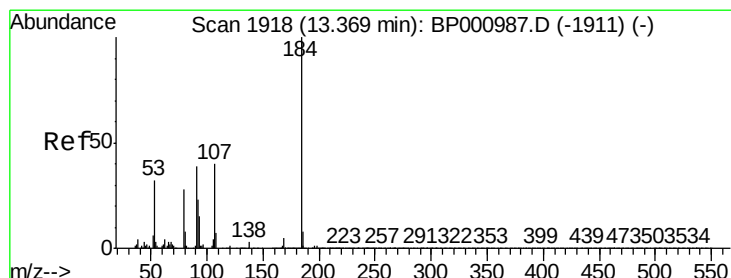
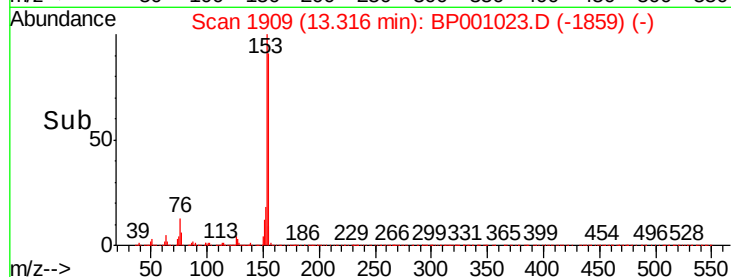
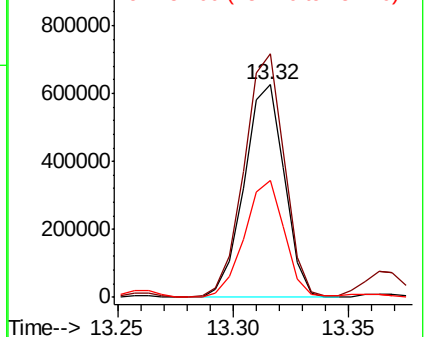
154 100

153 114.4 88.9 133.3

152 55.0 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: 8.319 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

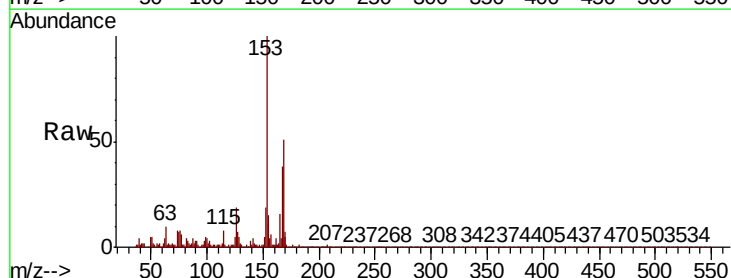
Tgt Ion:184 Resp: 31

Ion Ratio Lower Upper

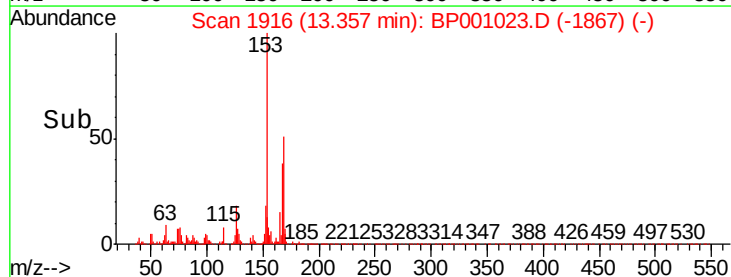
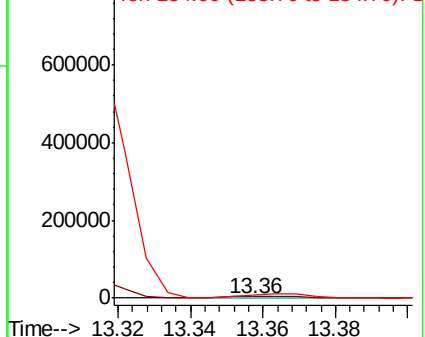
184 100

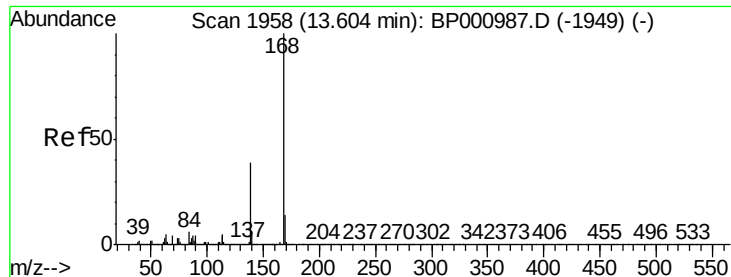
63 21561.9 41.0 61.6#

154 33123.8 48.1 72.1#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 21.658 ng

RT: 13.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_P

ClientSampleId :

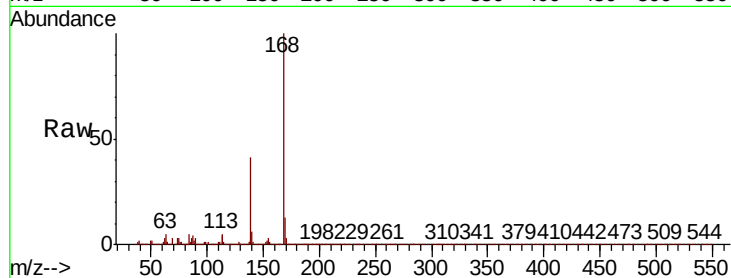
Tot Ion:168 Resp: 978468

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.9	46.3
169	13.3	10.9	16.3

168 100

139 41.2 30.9 46.3

169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

1000000

800000

600000

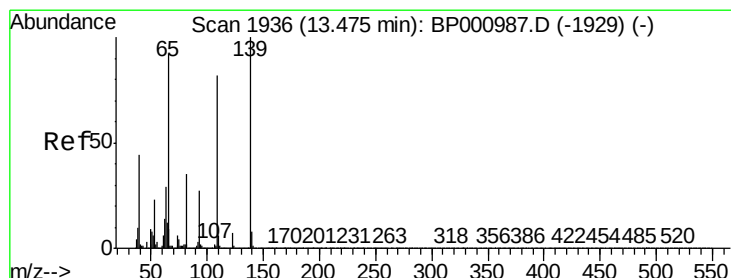
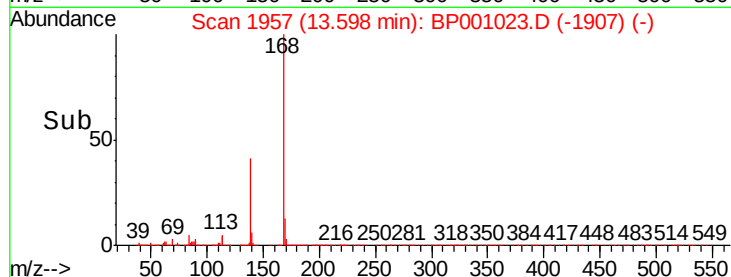
400000

200000

0

13.55 13.60 13.65

Time-->



#56

4-Nitrophenol

Concen: 63.869 ng

RT: 13.60 min Scan# 1957

Delta R.T. 0.12 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

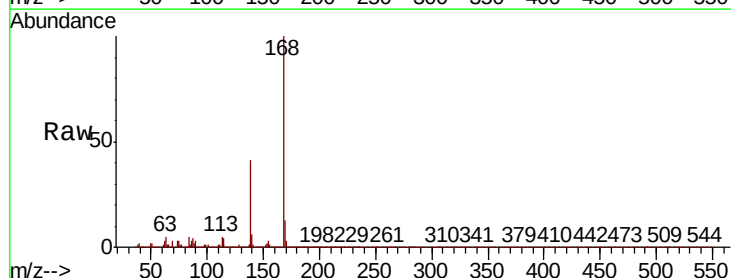
Tgt Ion:139 Resp: 394875

Ion	Ratio	Lower	Upper
139	100		
109	1.0	61.6	101.6#
65	1.5	72.0	112.0#

139 100

109 1.0 61.6 101.6#

65 1.5 72.0 112.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

400000

300000

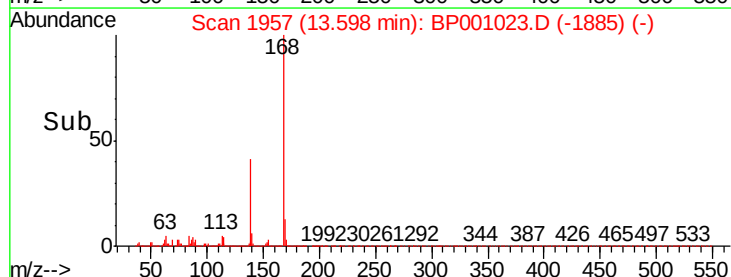
200000

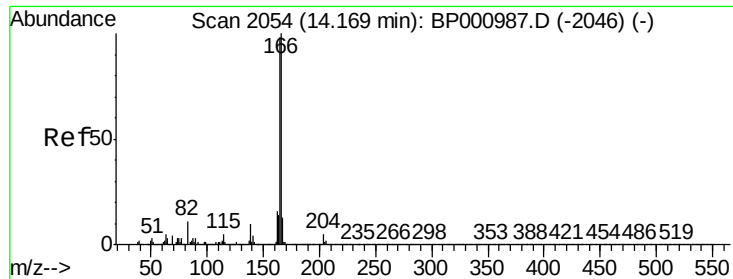
100000

0

13.55 13.60 13.65

Time-->

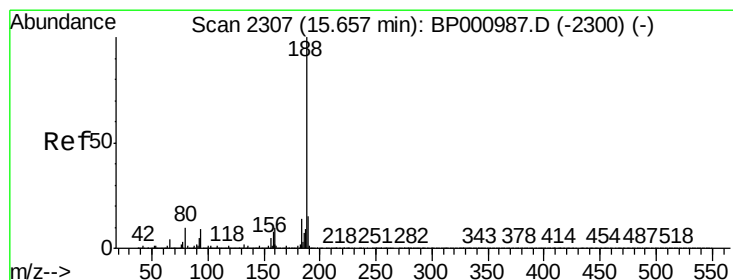
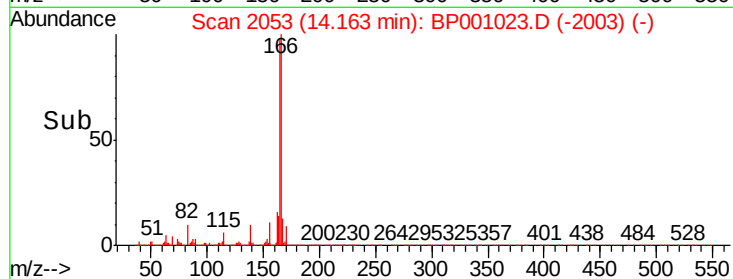
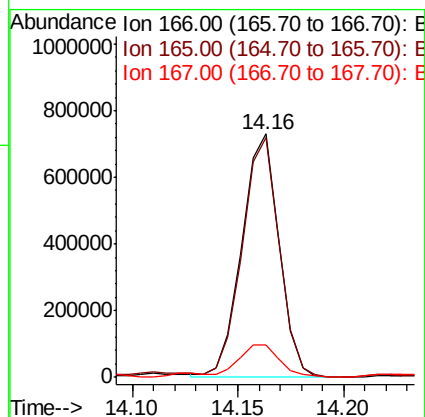
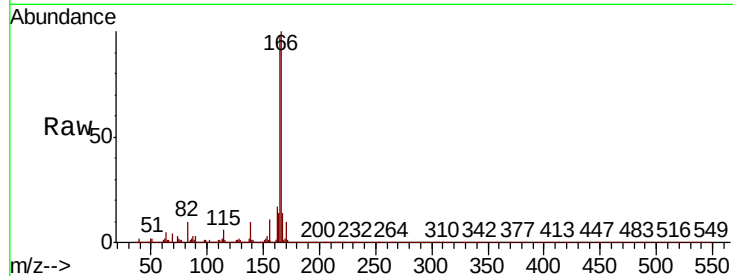




#58
 Fluorene
 Concen: 24.789 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BP001023.D
 Acq: 11 Nov 2019 18:41

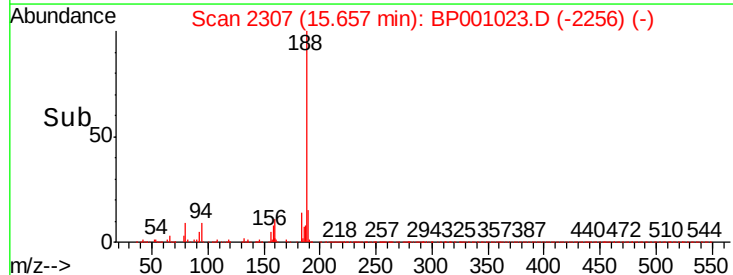
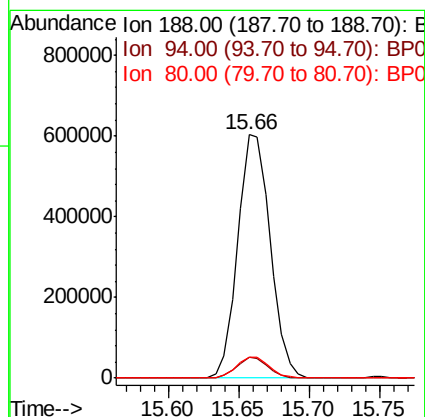
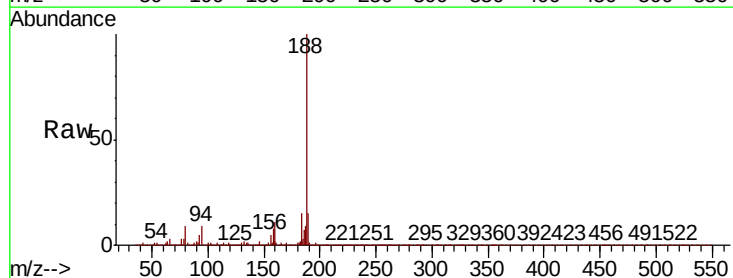
Instrument :
 BNA_P
 ClientSampled :

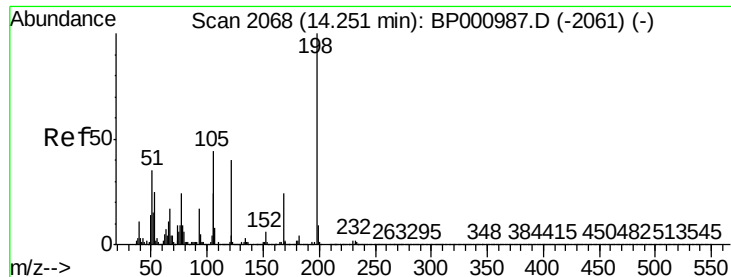
Tot Ion	166	Resp	891301
Ion Ratio	100	Lower	Upper
165	98.5	78.2	117.2
167	13.5	10.7	16.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BP001023.D
 Acq: 11 Nov 2019 18:41

Tgt Ion	188	Resp	969759
Ion Ratio	100	Lower	Upper
94	8.6	7.4	11.2
80	8.6	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 9.901 ng

RT: 14.26 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_P

ClientSampled :

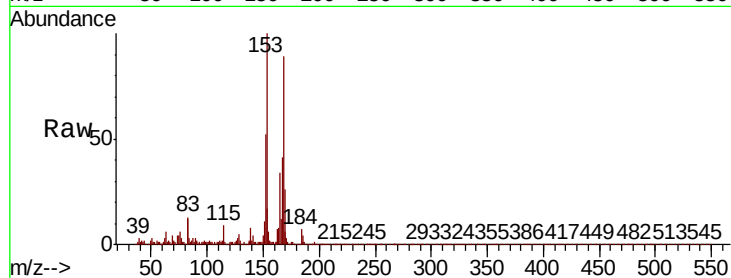
Tot Ion:198 Resp: 76

Ion Ratio Lower Upper

198 100

51 2244.3 16.0 56.0#

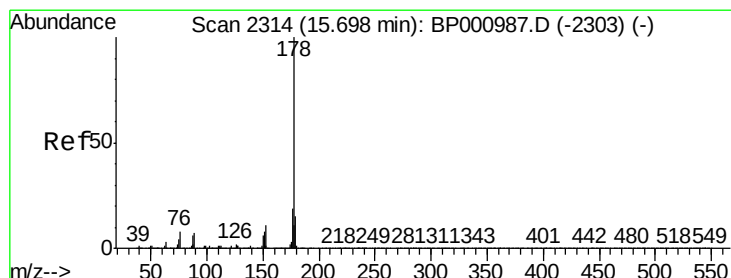
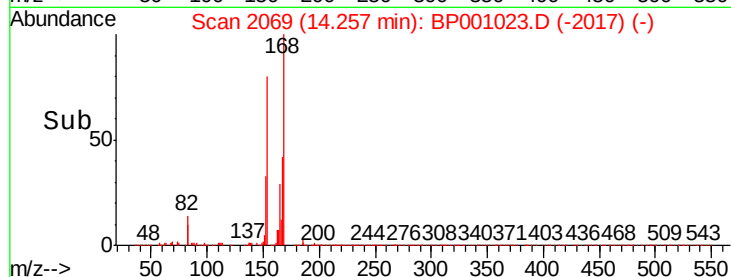
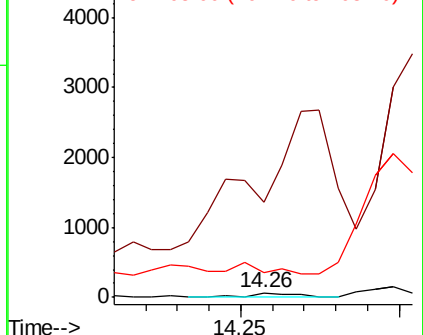
105 734.4 24.9 64.9#



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



#71

Phenanthrene

Concen: 173.983 ng

RT: 15.72 min Scan# 2317

Delta R.T. 0.02 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

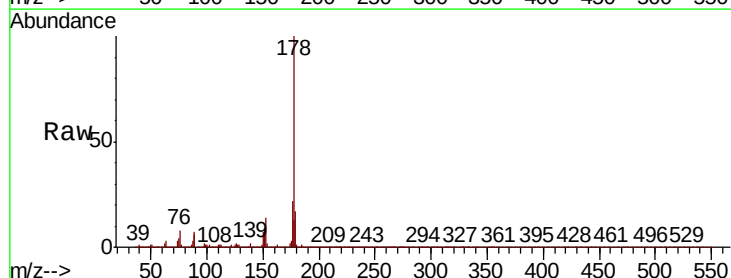
Tgt Ion:178 Resp: 8635384

Ion Ratio Lower Upper

178 100

176 21.6 15.5 23.3

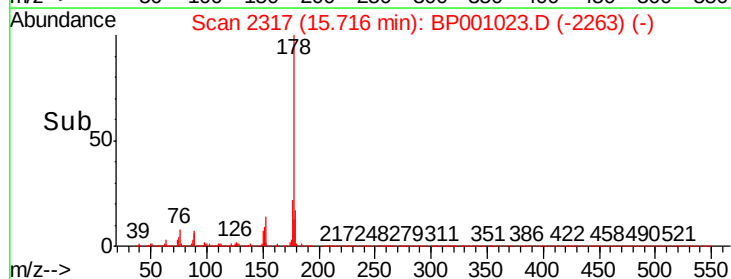
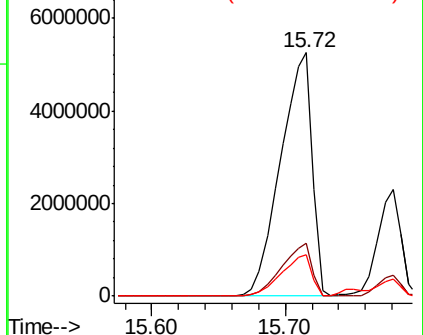
179 16.7 12.3 18.5

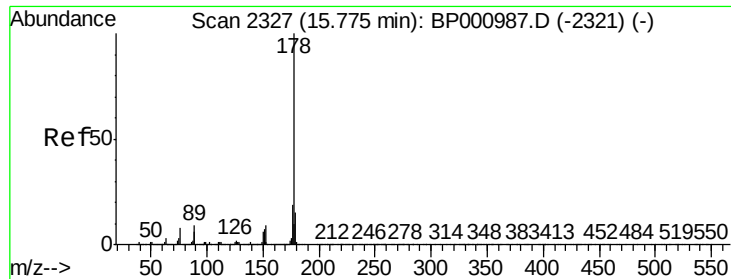


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

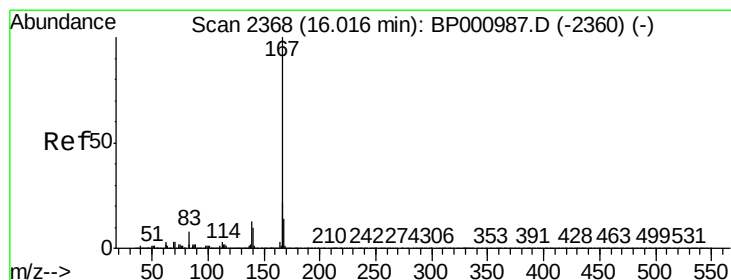
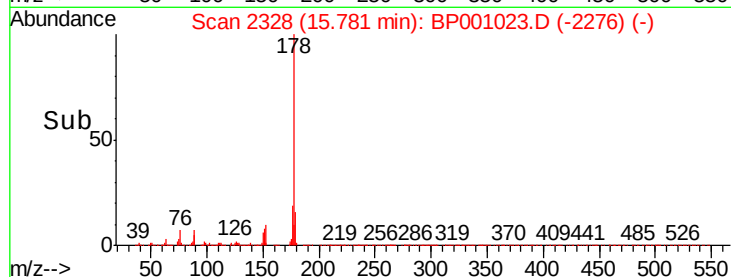
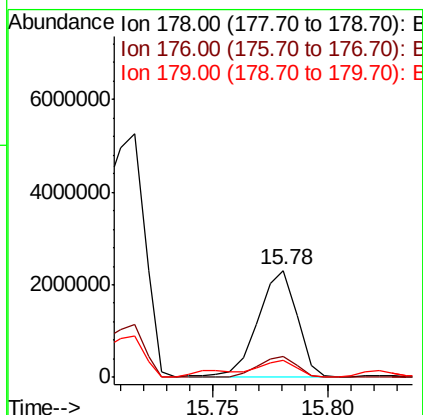
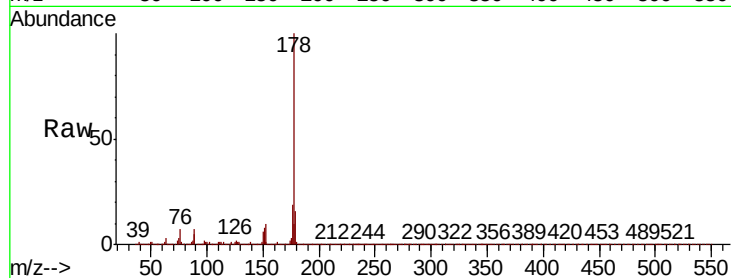




#72
 Anthracene
 Concen: 56.214 ng
 RT: 15.78 min Scan# 2328
 Delta R.T. 0.01 min
 Lab File: BP001023.D
 Acq: 11 Nov 2019 18:41

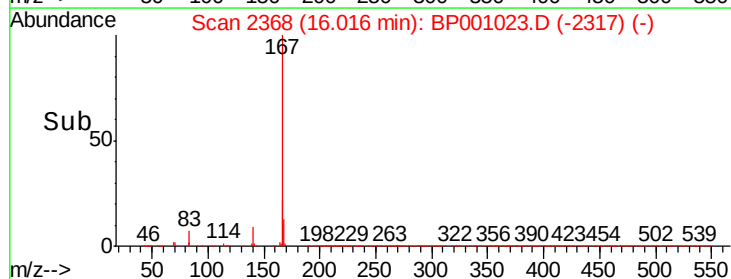
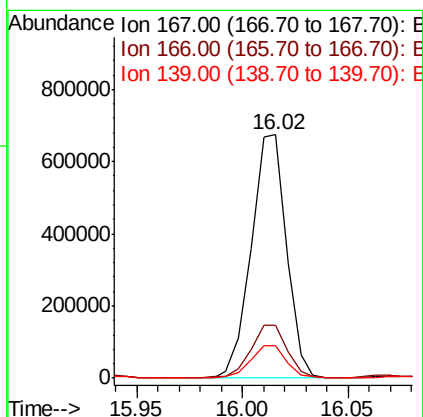
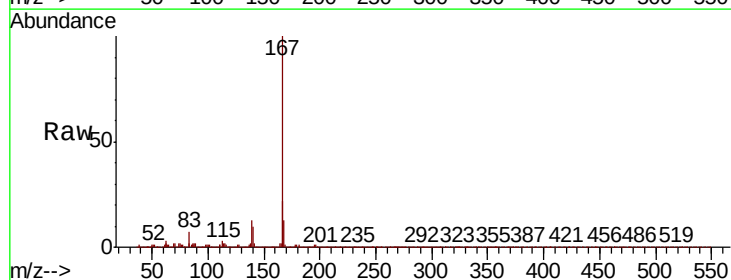
Instrument :
 BNA_P
 ClientSampleId :

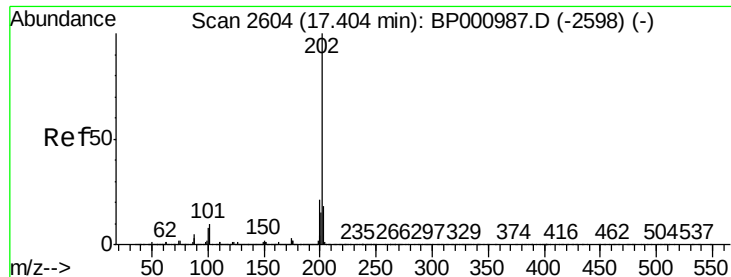
Tot Ion:178 Resp: 2721742
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.8 12.3 18.5



#73
 Carbazole
 Concen: 17.674 ng
 RT: 16.02 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BP001023.D
 Acq: 11 Nov 2019 18:41

Tgt Ion:167 Resp: 784550
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.3 10.6 15.8





#75

Fluoranthene

Concen: 155.176 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.02 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

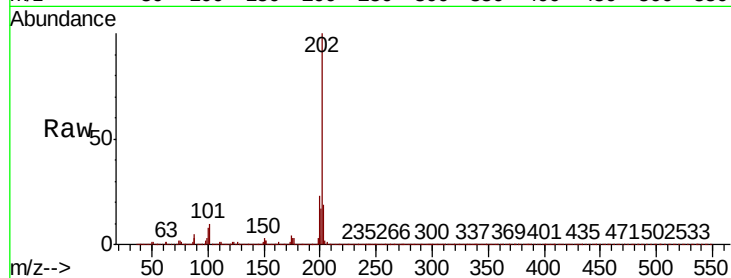
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 8705500

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.1
203	19.5	0.0	37.7

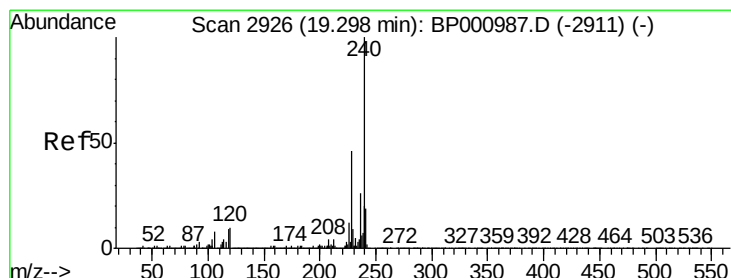
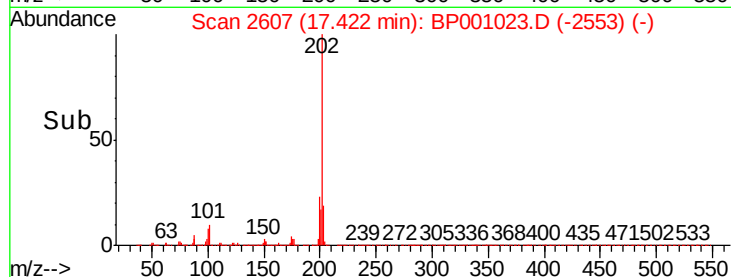
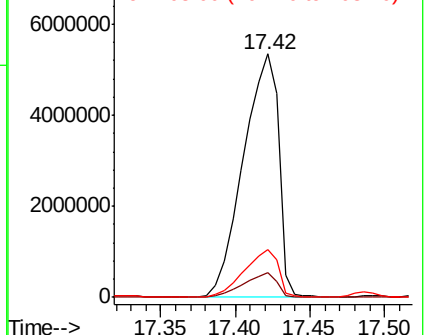


Abundance

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: 19.30 min Scan# 2927

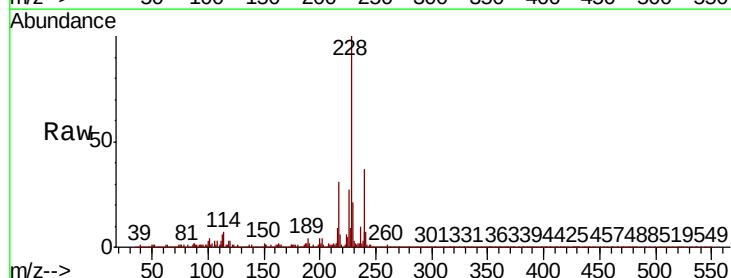
Delta R.T. 0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Tgt Ion:240 Resp: 675104

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	26.2	20.5	30.7

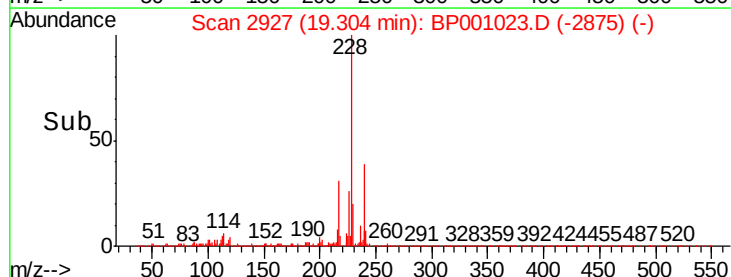
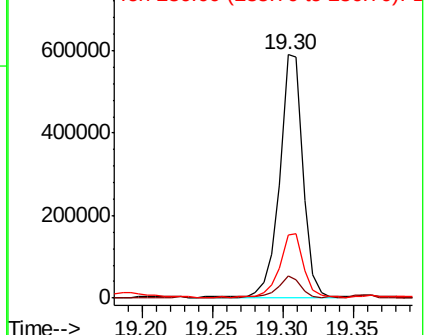


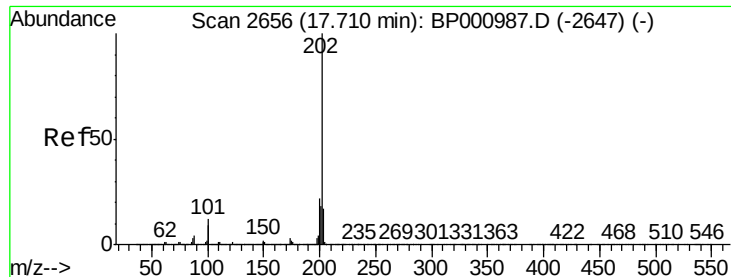
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 153.637 ng

RT: 17.73 min Scan# 2659

Delta R.T. 0.02 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

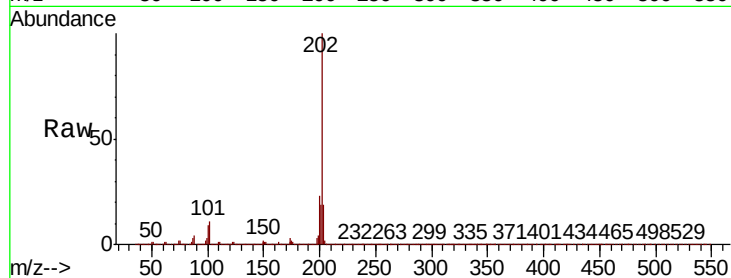
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 7330027

Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.2	25.8
203	19.3	14.0	21.0

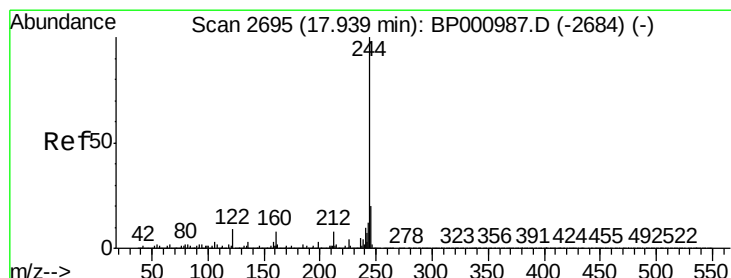
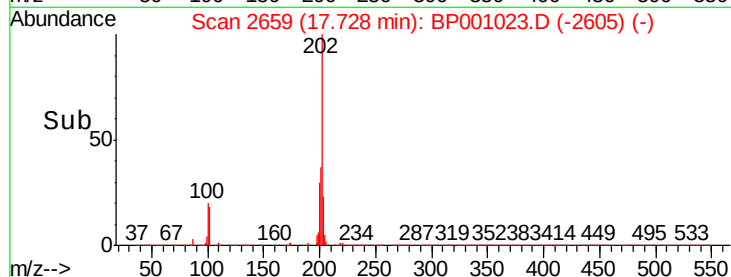
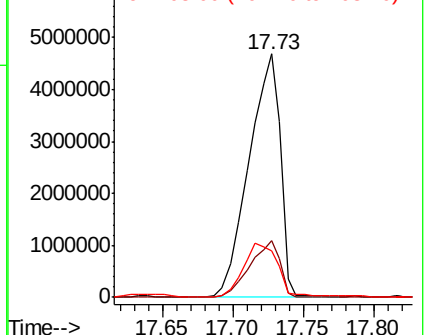


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 68.961 ng

RT: 17.94 min Scan# 2695

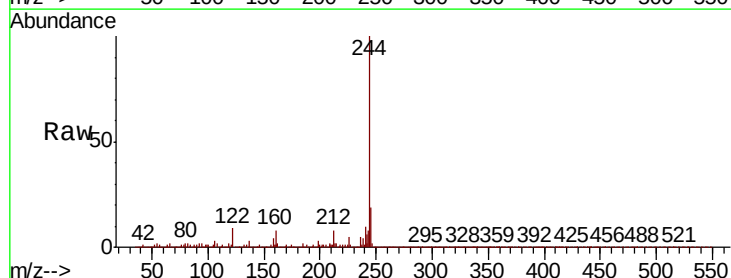
Delta R.T. -0.00 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Tgt Ion:244 Resp: 2340485

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	8.7	7.4	11.2

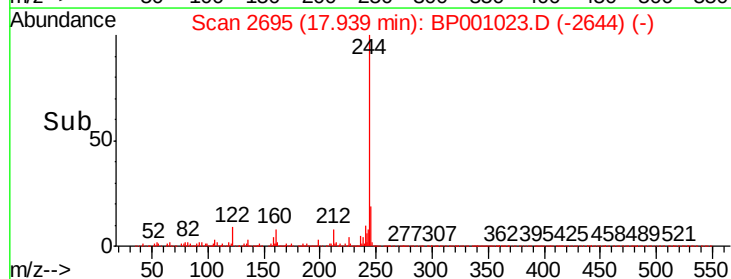
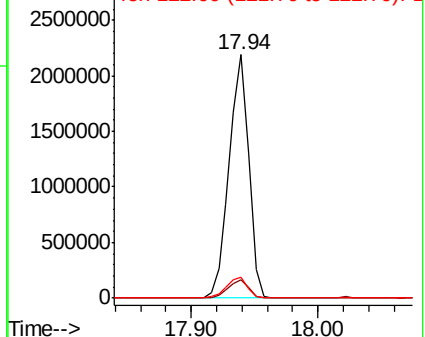


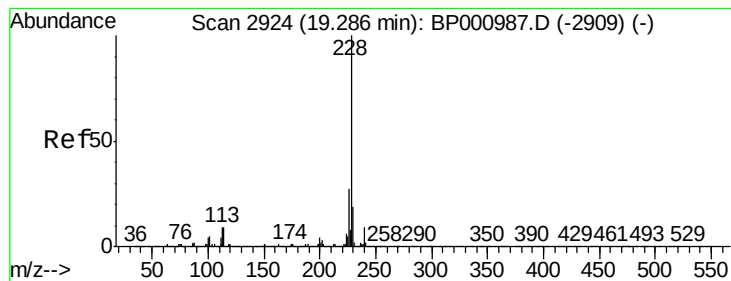
Abundance

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: 91.125 ng

RT: 19.30 min Scan# 2926

Delta R.T. 0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

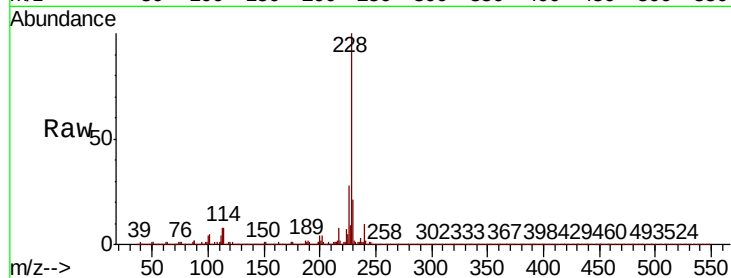
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 4143259

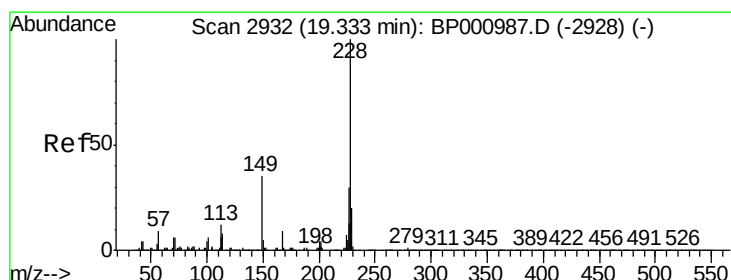
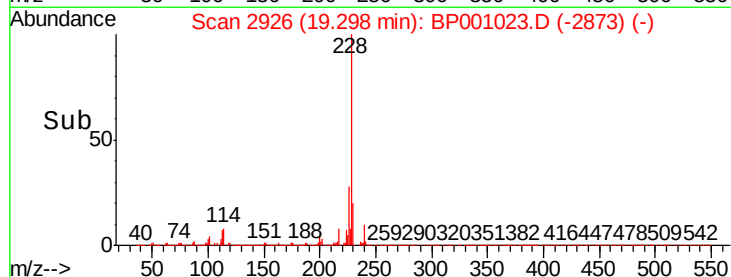
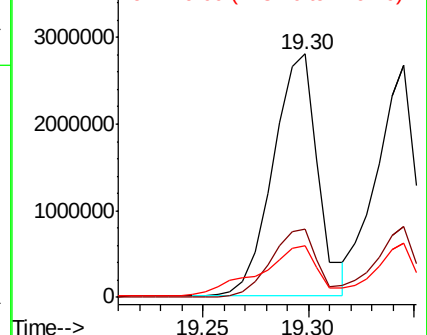
Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.8
229	21.2	15.6	23.4



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: 84.598 ng

RT: 19.35 min Scan# 2934

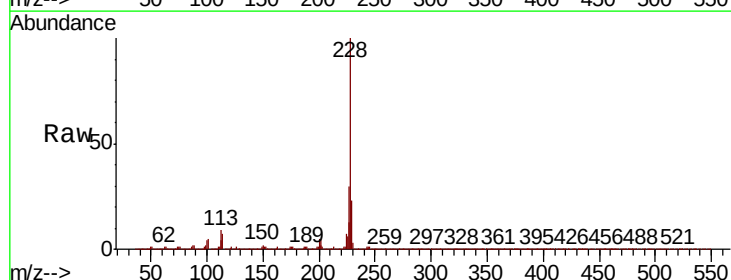
Delta R.T. 0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Tgt Ion:228 Resp: 3376971

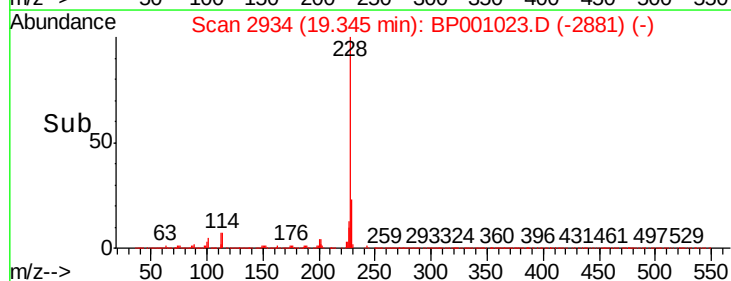
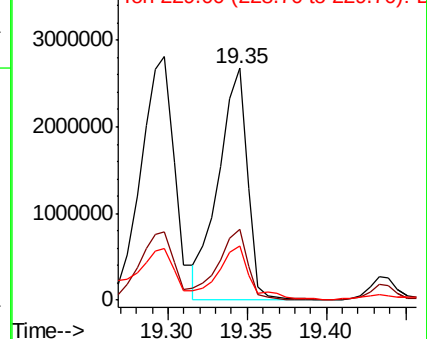
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	23.3	15.8	23.6

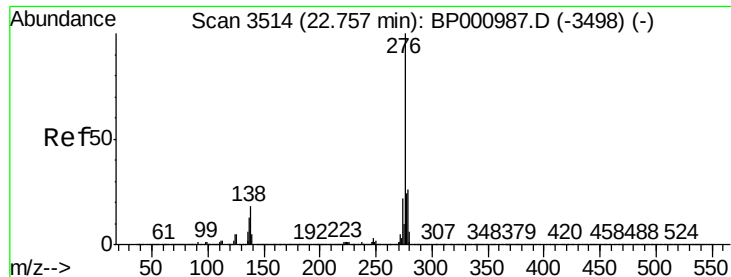


Abundance Ion 228.00 (227.70 to 228.70): E

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: 5.273 ng

RT: 22.57 min Scan# 3483

Delta R.T. -0.18 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_P

ClientSampleId :

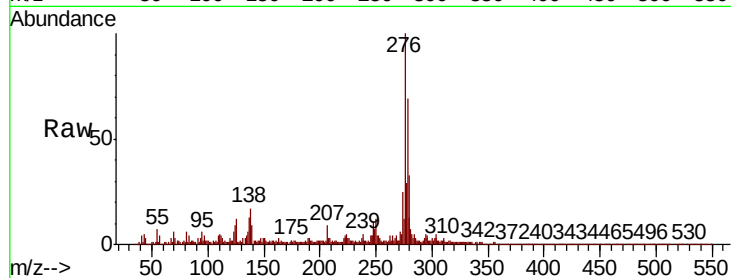
Tot Ion:276 Resp: 288001

Ion Ratio Lower Upper

276 100

138 19.7 17.6 26.4

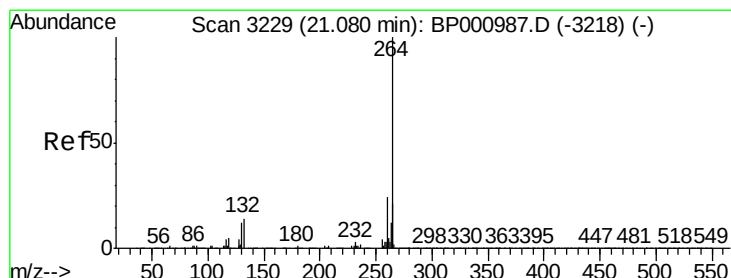
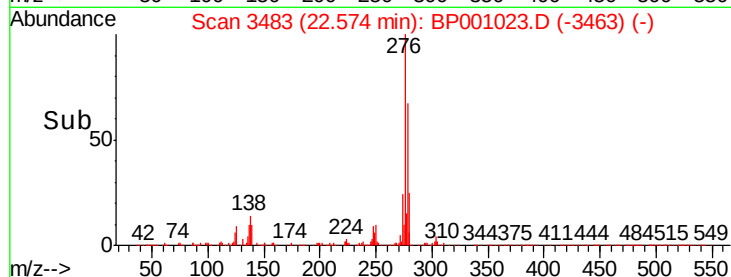
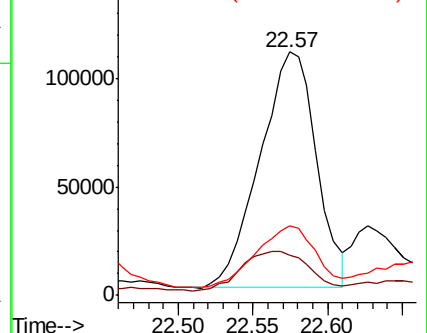
277 27.4 20.2 30.4



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

Perylene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3231

Delta R.T. 0.01 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

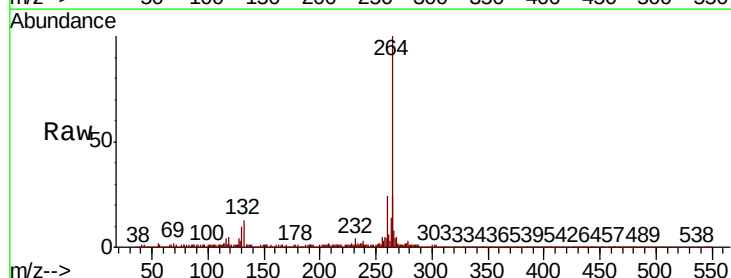
Tgt Ion:264 Resp: 834071

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

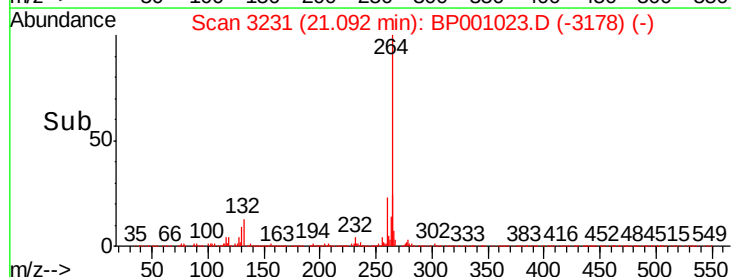
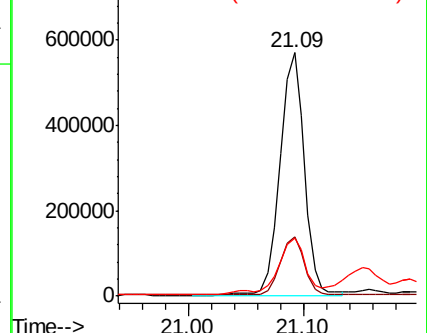
265 24.1 17.1 25.7

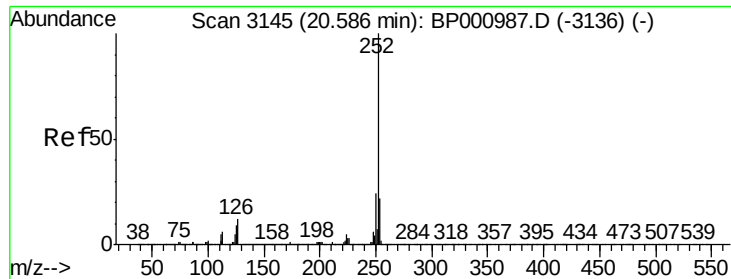


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

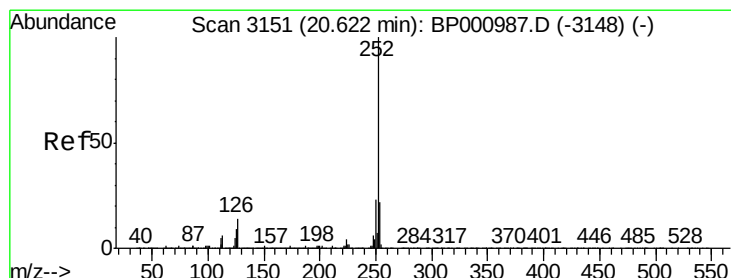
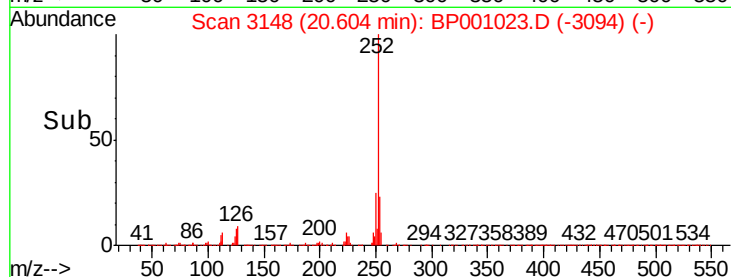
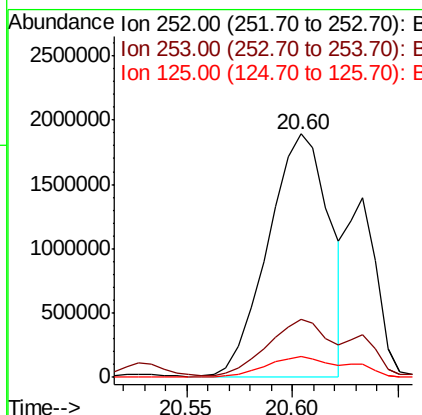
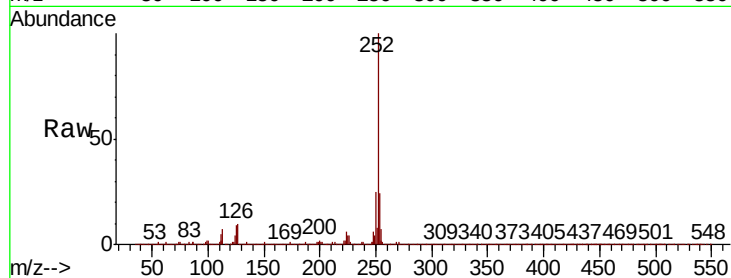




#88
Benzo(b)fluoranthene
Concen: 76.541 ng
RT: 20.60 min Scan# 3148
Delta R.T. 0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

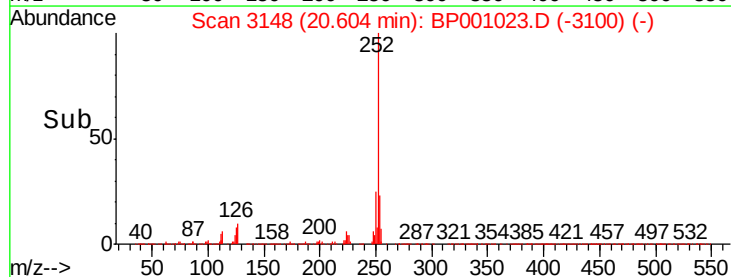
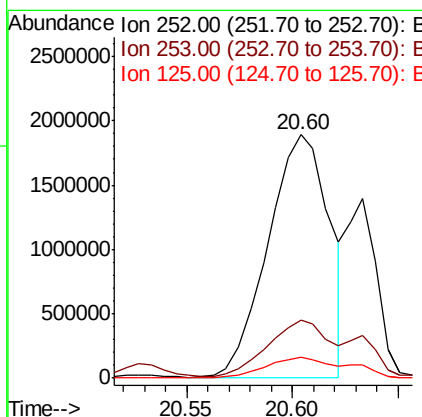
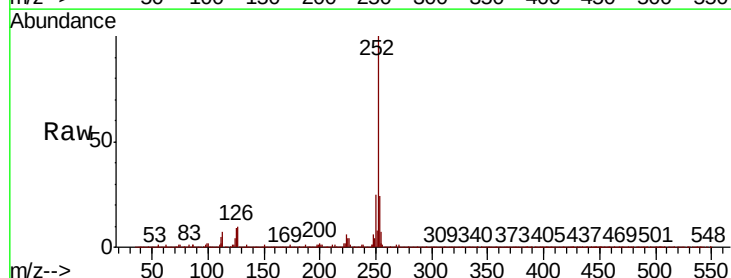
Instrument :
BNA_P
ClientSampleId :

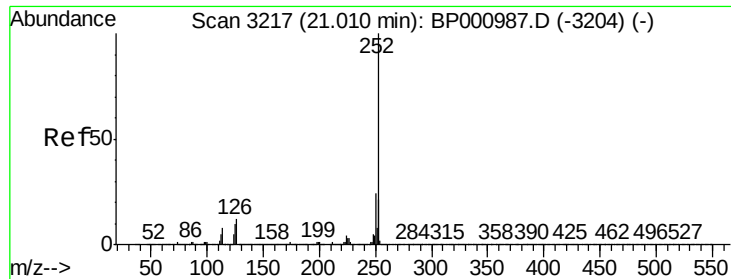
Tot Ion:252 Resp: 3805460
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 8.7 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 81.312 ng
RT: 20.60 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:252 Resp: 3805460
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 8.7 7.3 10.9





#90

Benzo(a)pyrene

Concen: 62.152 ng

RT: 21.03 min Scan# 3220

Delta R.T. 0.02 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_P

ClientSampled :

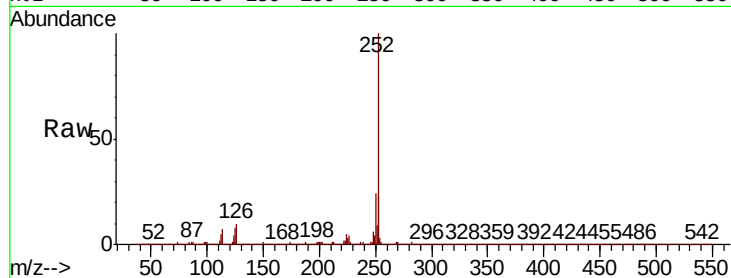
Tot Ion:252 Resp: 2841396

Ion Ratio Lower Upper

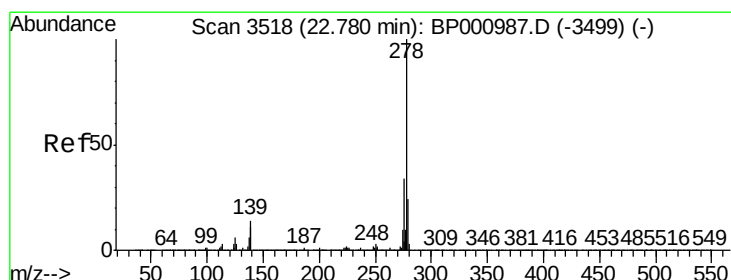
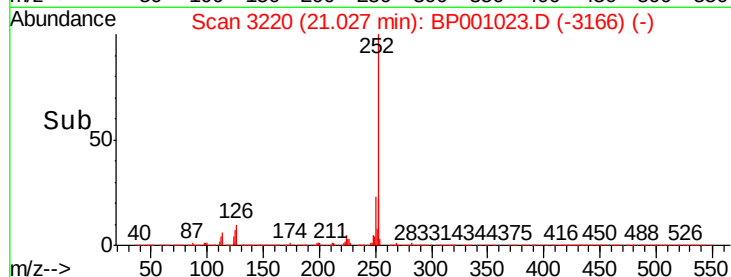
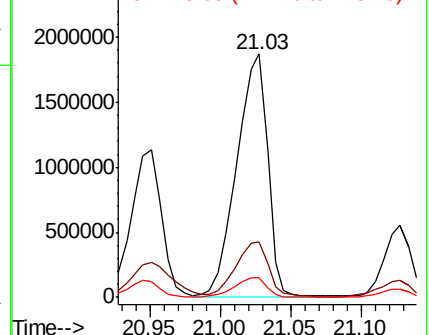
252 100

253 23.0 17.1 25.7

125 7.9 7.6 11.4



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: 9.119 ng

RT: 22.96 min Scan# 3549

Delta R.T. 0.18 min

Lab File: BP001023.D

Acq: 11 Nov 2019 18:41

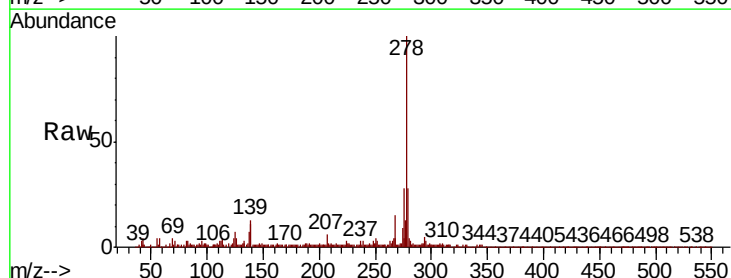
Tgt Ion:278 Resp: 425501

Ion Ratio Lower Upper

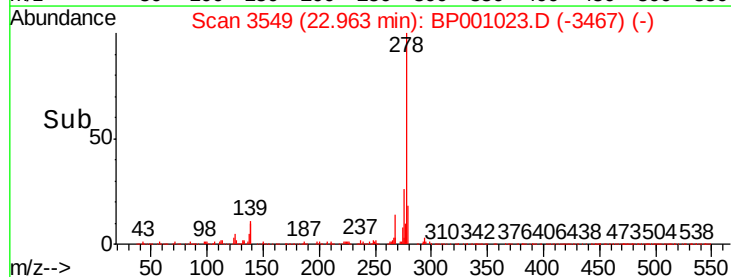
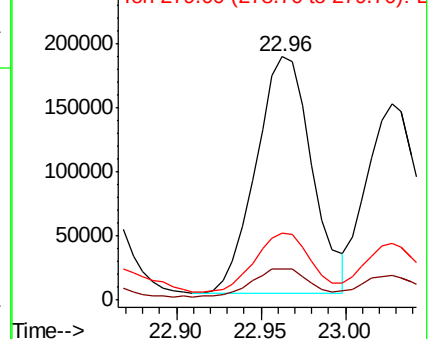
278 100

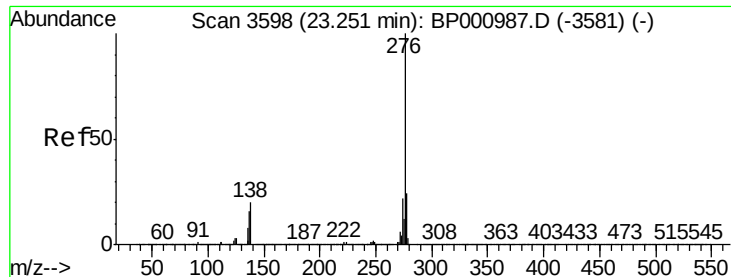
139 12.8 11.3 16.9

279 27.7 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(a,h,i)perylene
 Concen: 25.593 ng
 RT: 23.26 min Scan# 3600
 Delta R.T. 0.01 min
 Lab File: BP001023.D
 Acq: 11 Nov 2019 18:41

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 276 Resp: 1202462
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.0 28.4
 138 16.1 15.7 23.5

