

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000124.D
 Acq On : 09 Sep 2019 05:37
 Operator : HP/JU
 Sample : K4636-014 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 09 08:33:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	430235	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1604127	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	881511	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1551819	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1040154	20.00	ng	0.00
87) Perylene-d12	15.63	264	1169988	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1147127	42.52	ng	0.00
7) Phenol-d6	6.51	99	1540956	45.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	811479	31.04	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	338377	45.54	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1699946	32.20	ng	0.00
79) Terphenyl-d14	13.03	244	1655247	34.69	ng	0.00

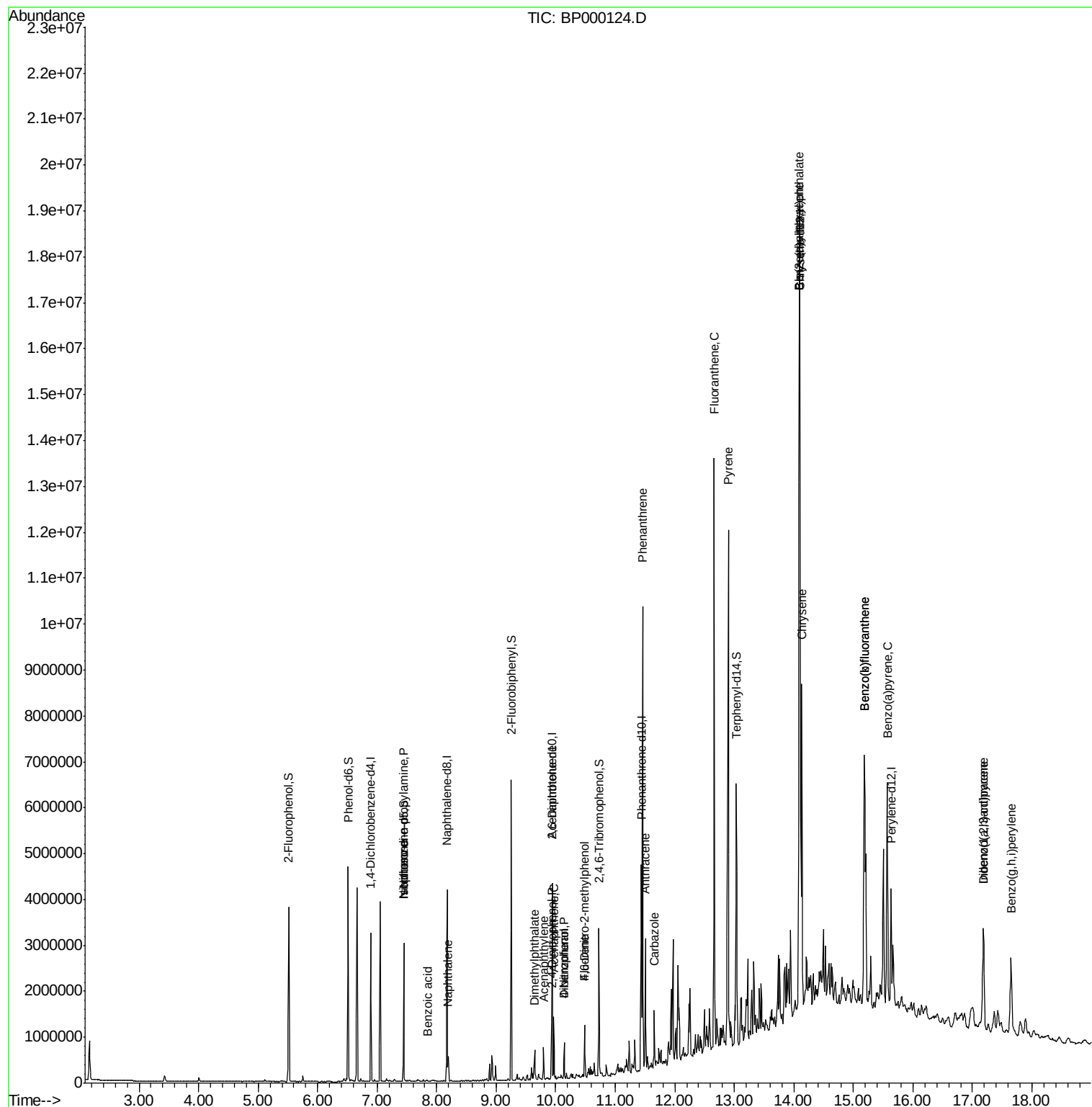
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	98691	5.091	ng	# 77
25) Isophorone	7.45	82	810921	14.680	ng	# 66
31) Naphthalene	8.19	128	256747	3.488	ng	100
32) Benzoic acid	7.85	122	3100	8.235	ng	96
49) Acenaphthylene	9.79	152	261127	3.407	ng	98
50) Dimethylphthalate	9.65	163	237235	3.949	ng	99
51) 2,6-Dinitrotoluene	9.93	165	119251	9.353	ng	# 30
52) Acenaphthene	9.97	154	247467	5.145	ng	96
54) 2,4-Dinitrophenol	9.95	184	47	8.657	ng	# 1
55) Dibenzofuran	10.14	168	214665	3.143	ng	98
56) 4-Nitrophenol	10.14	139	78994	7.256	ng	# 10
58) Fluorene	10.49	166	271059	5.273	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	78	7.735	ng	# 1
69) Atrazine	11.13	200	302	Below Cal		# 1
71) Phenanthrene	11.46	178	3774310	48.798	ng	99
72) Anthracene	11.51	178	991587	12.978	ng	99
73) Carbazole	11.66	167	447871	6.210	ng	97
75) Fluoranthene	12.66	202	5189412	61.742	ng	96
78) Pyrene	12.90	202	4877741	63.744	ng	98
81) Benzo(a)anthracene	14.09	228	2221633	32.961	ng	99
83) Chrysene	14.13	228	2542013	39.873	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	4876713	109.912	ng	# 94
86) Indeno(1,2,3-cd)pyrene	17.19	276	1412332	17.679	ng	93
88) Benzo(b)fluoranthene	15.19	252	4309209	60.298	ng	98
89) Benzo(k)fluoranthene	15.19	252	4309209	65.892	ng	99
90) Benzo(a)pyrene	15.57	252	2238413	34.698	ng	98
91) Dibenzo(a,h)anthracene	17.19	278	370153	5.738	ng	94
92) Benzo(g,h,i)perylene	17.65	276	1291334	20.223	ng	96

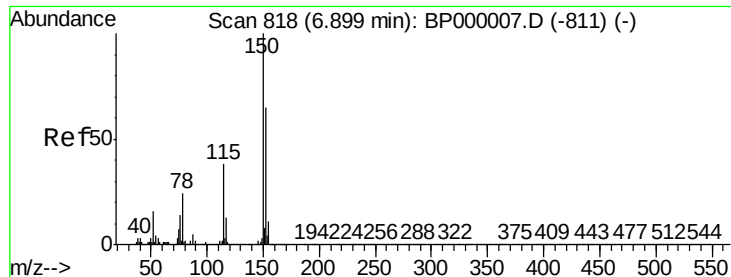
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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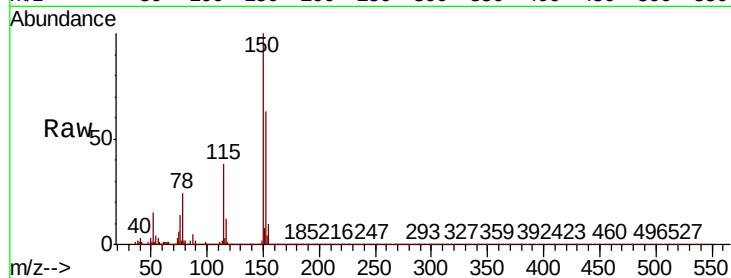


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.0	184.6
115	60.2	46.7	70.1

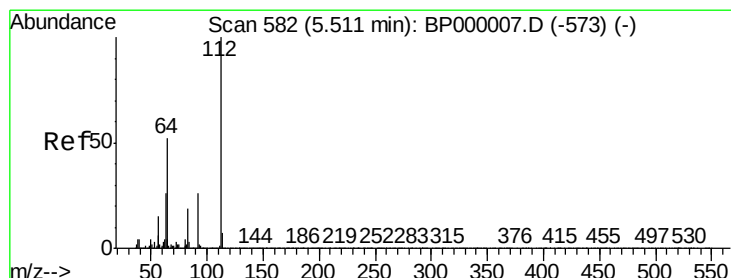
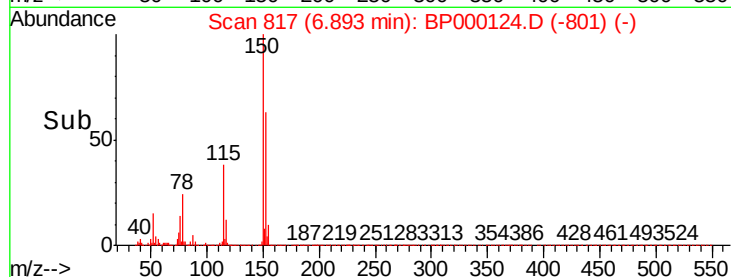
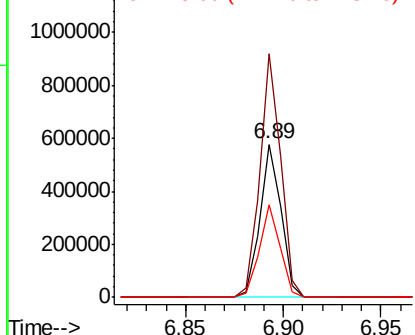


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

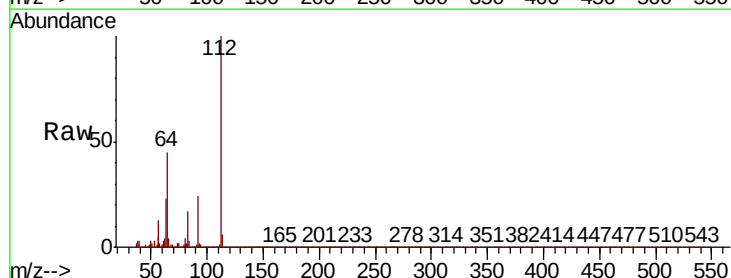
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.517 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	41.8	62.8
63	22.8	21.0	31.4

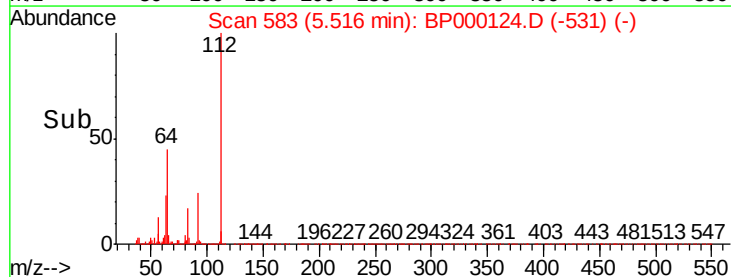
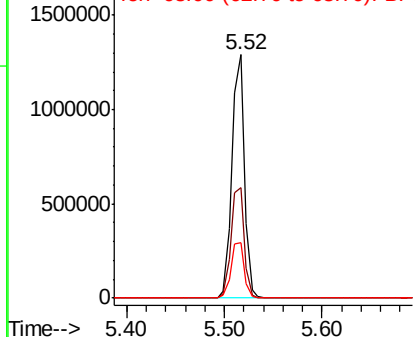


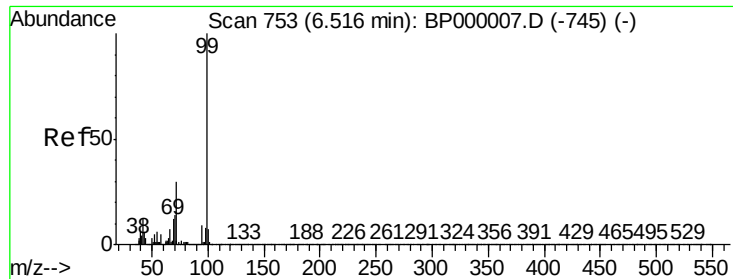
Abundance

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: 45.242 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

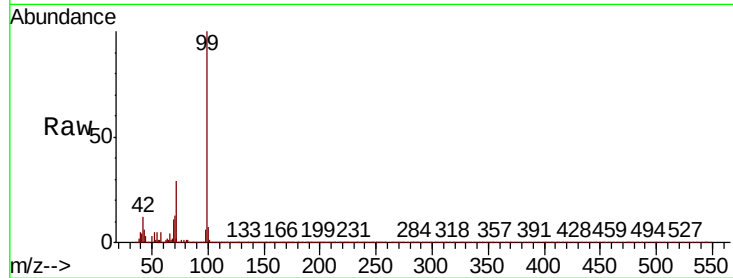
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1540956

Ion	Ratio	Lower	Upper
99	100		
42	11.7	9.8	14.8
71	29.4	23.8	35.8

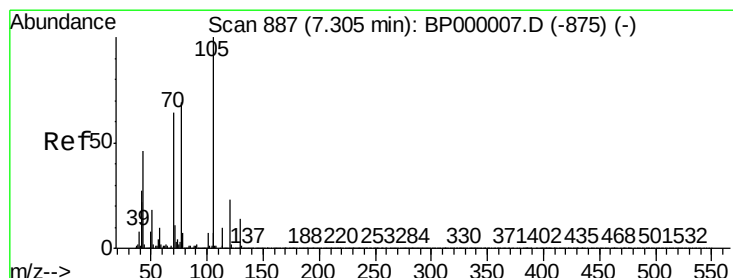
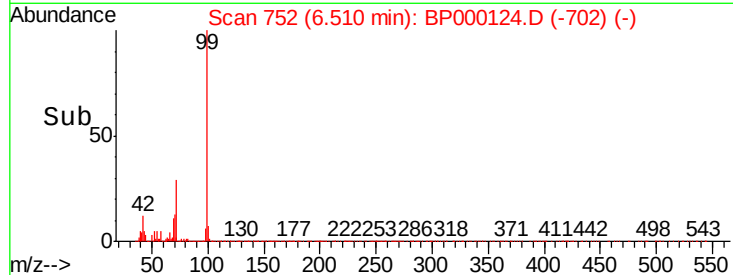


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 5.091 ng

RT: 7.45 min Scan# 911

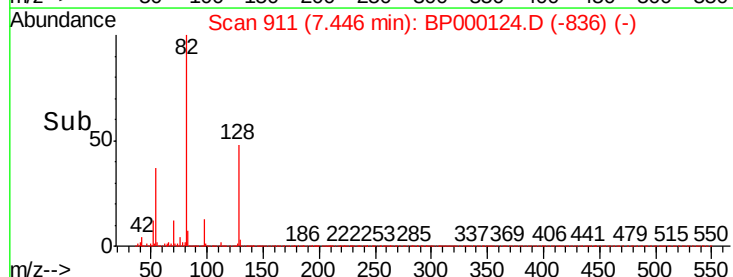
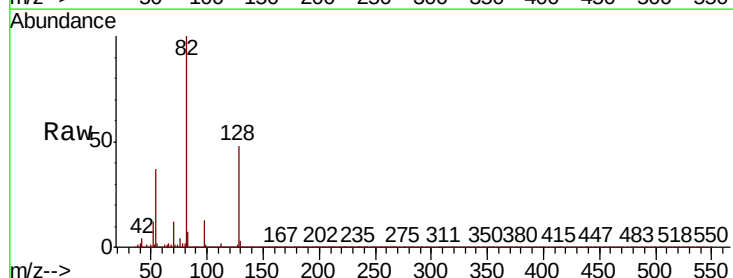
Delta R.T. 0.14 min

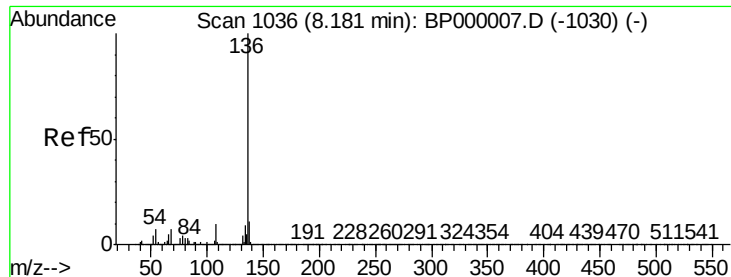
Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Tgt Ion: 70 Resp: 98691

Ion	Ratio	Lower	Upper
70	100		
42	34.3	33.8	50.6
101	0.1	8.7	13.1#
130	2.9	18.1	27.1#

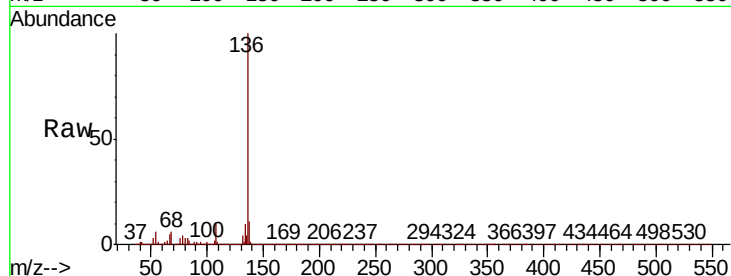




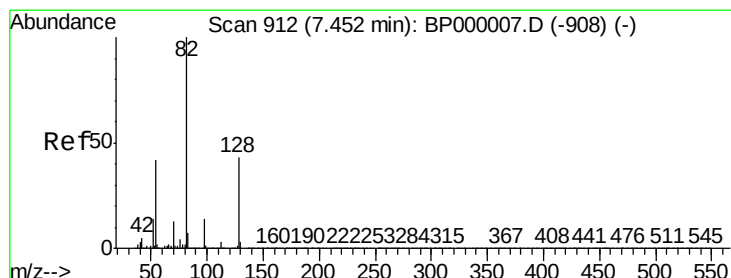
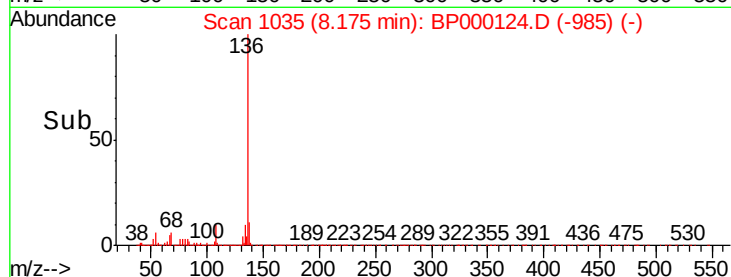
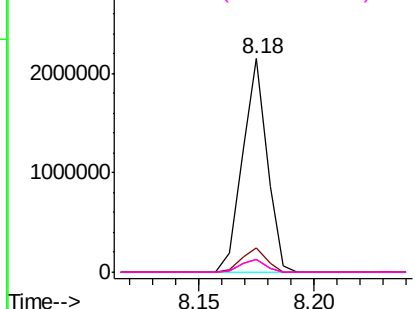
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 1604127
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 6.0	5.4 8.2
68 6.0	5.4 8.0

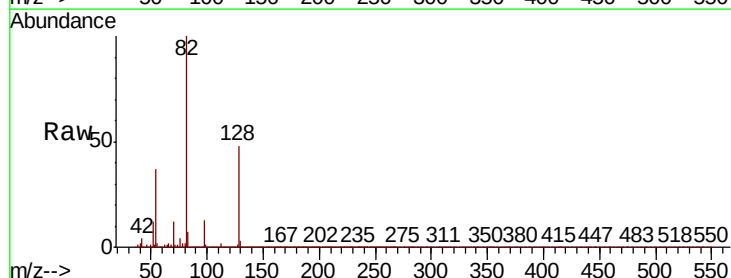


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

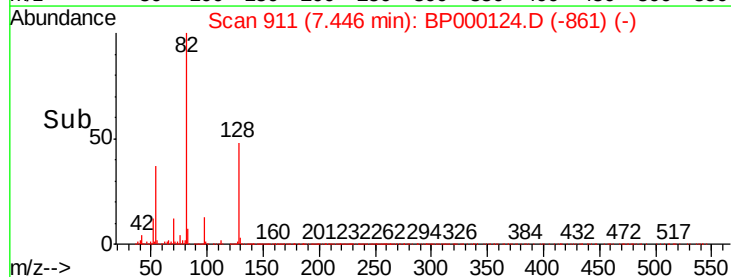
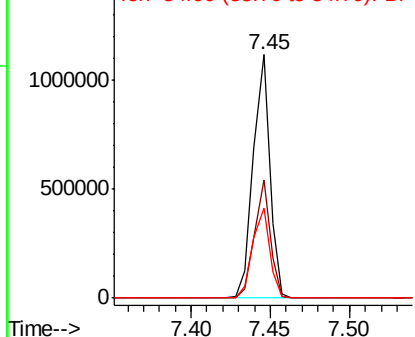


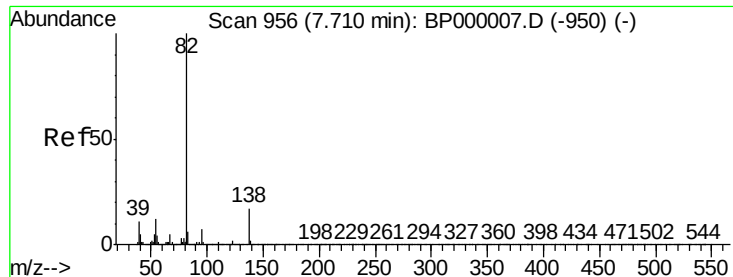
#23
Nitrobenzene-d5
Concen: 31.040 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt	Ion: 82	Resp:	811479
Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.5	51.7
54	37.1	33.2	49.8



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 14.680 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampled :

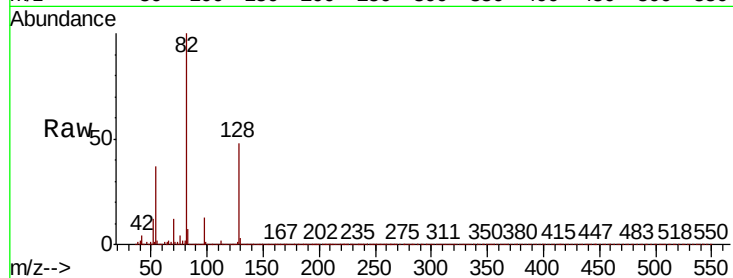
Tot Ion: 82 Resp: 810921

Ion Ratio Lower Upper

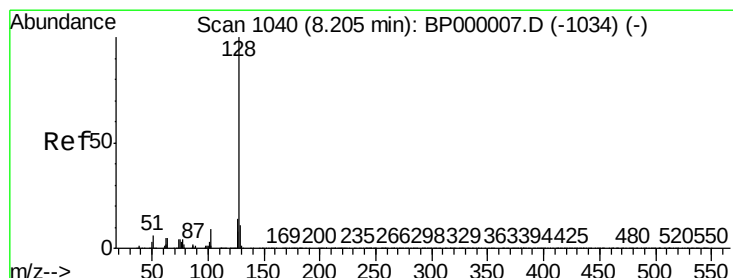
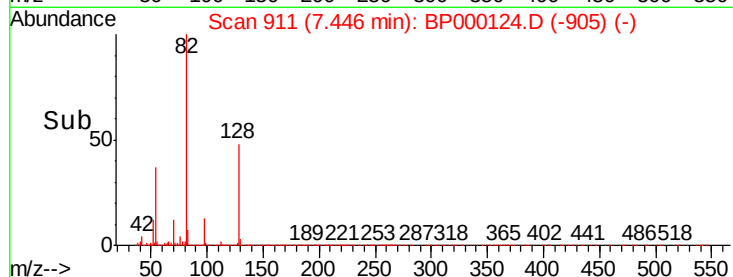
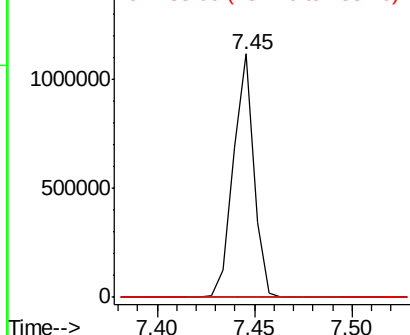
82 100

95 0.1 5.6 8.4#

138 0.0 13.8 20.6#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 3.488 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

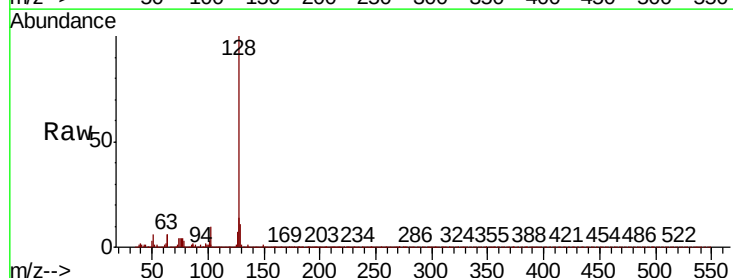
Tgt Ion: 128 Resp: 256747

Ion Ratio Lower Upper

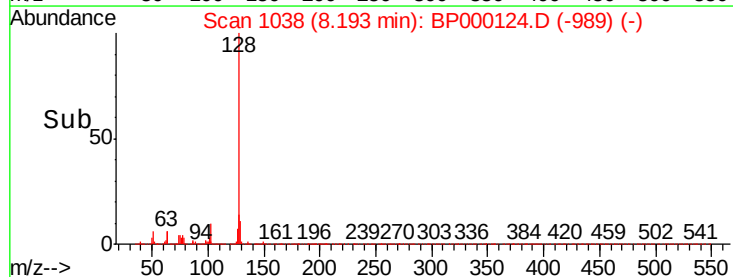
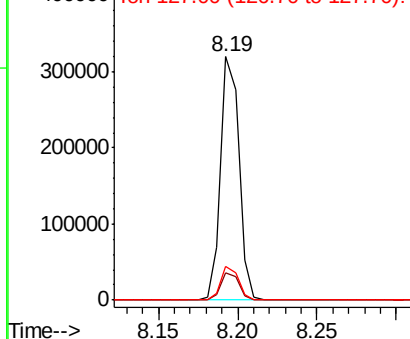
128 100

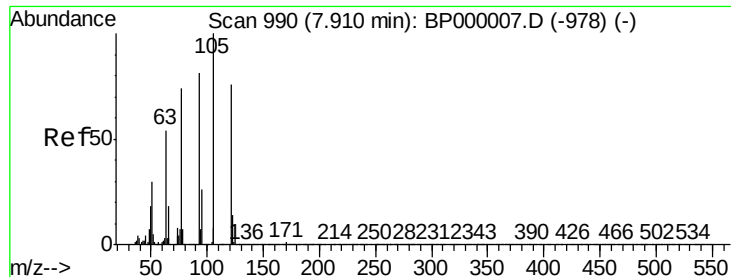
129 11.3 9.0 13.6

127 13.6 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.235 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.06 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampleId :

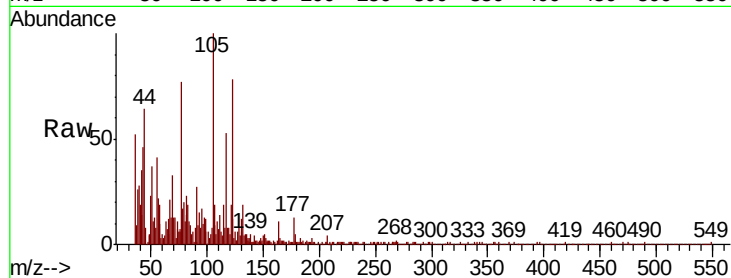
Tot Ion:122 Resp: 3100

Ion Ratio Lower Upper

122 100

105 128.2 104.6 144.6

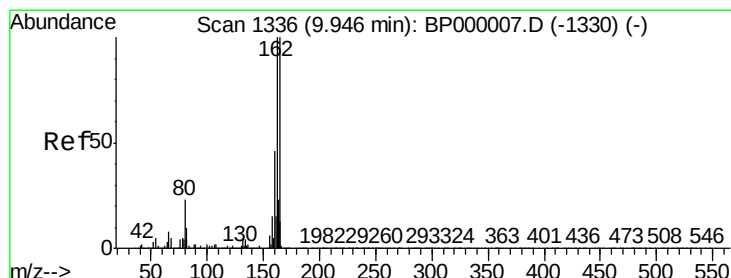
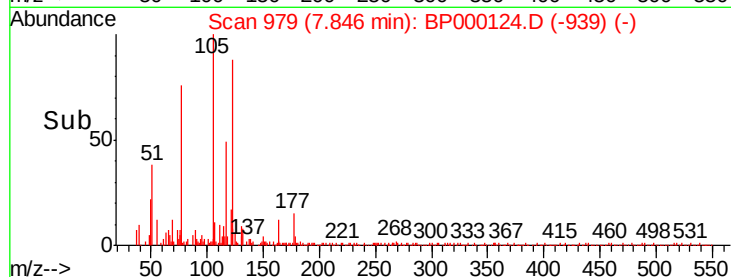
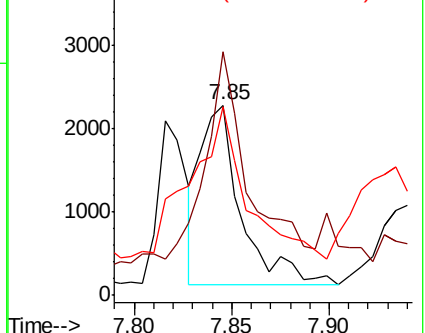
77 99.1 74.1 114.1



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

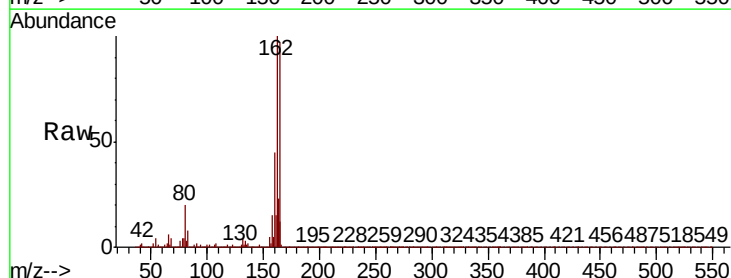
Tgt Ion:164 Resp: 881511

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.4

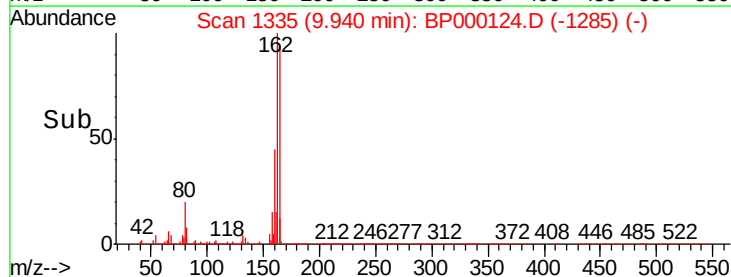
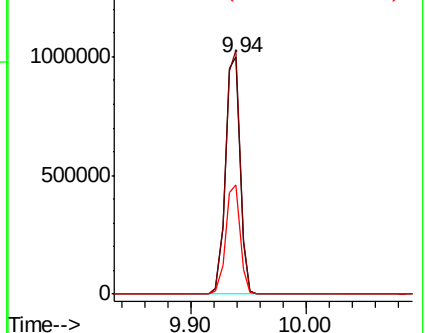
160 45.8 36.6 55.0

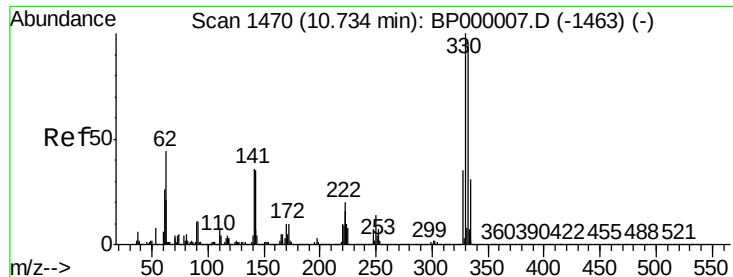


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

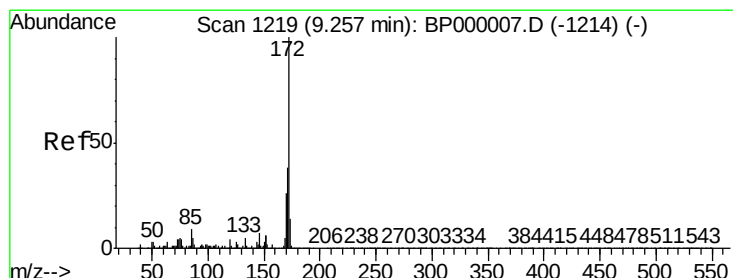
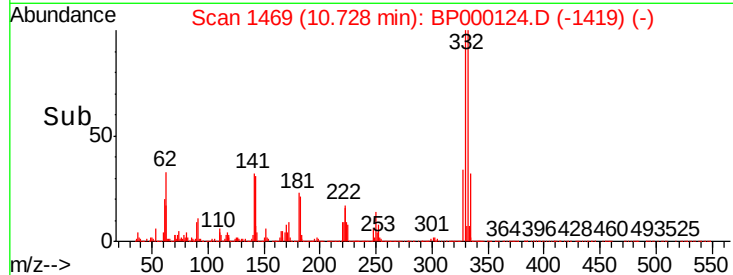
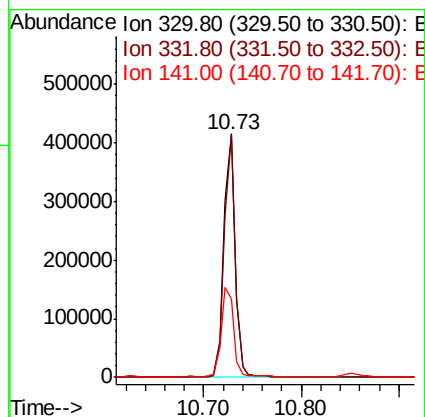
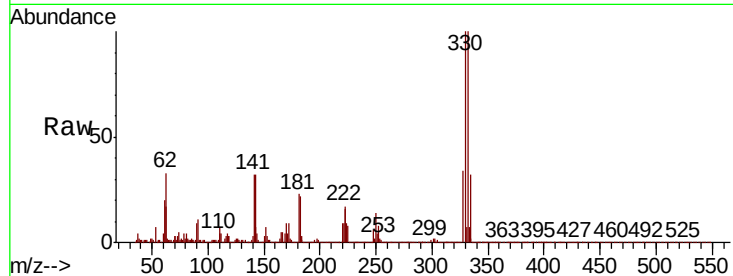




#42
 2,4,6-Tribromophenol
 Concen: 45.540 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BP000124.D
 Acq: 09 Sep 2019 05:37

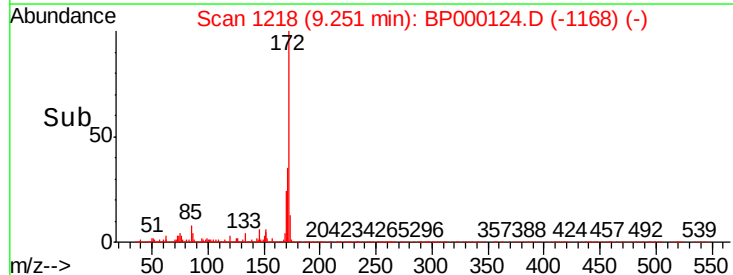
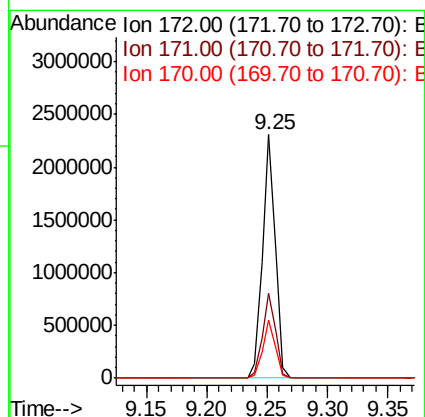
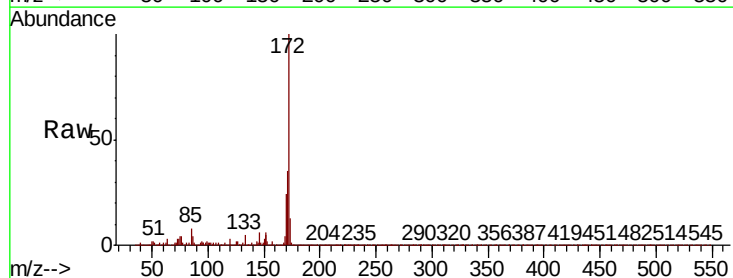
Instrument :
 BNA_P
 ClientSampleId :

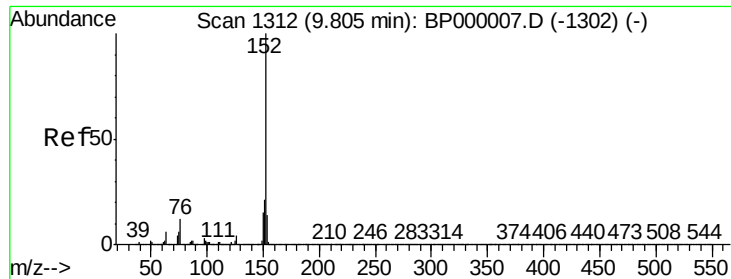
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	38.3	33.6	50.4



#45
 2-Fluorobiphenyl
 Concen: 32.205 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP000124.D
 Acq: 09 Sep 2019 05:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.7	46.1
170	23.9	20.7	31.1





#49

Acenaphthylene

Concen: 3.407 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BP000124.D

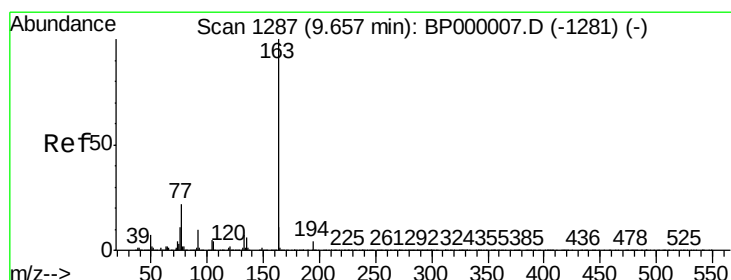
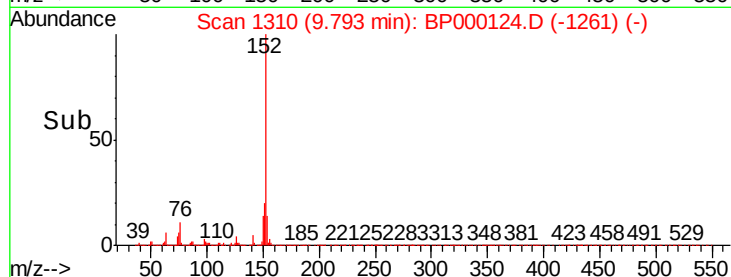
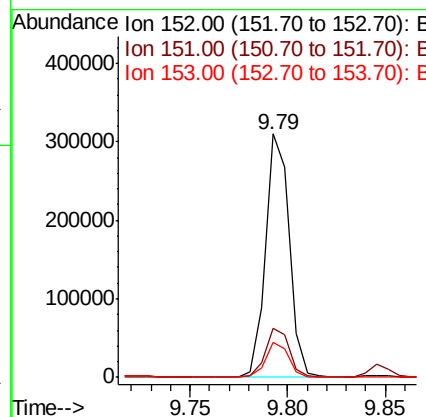
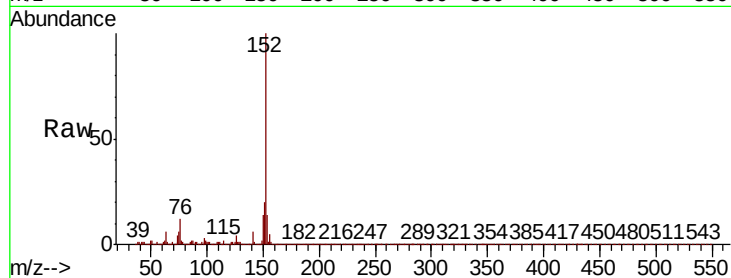
Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	261127
Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.6
153	14.3	11.0	16.6



#50

Dimethylphthalate

Concen: 3.949 ng

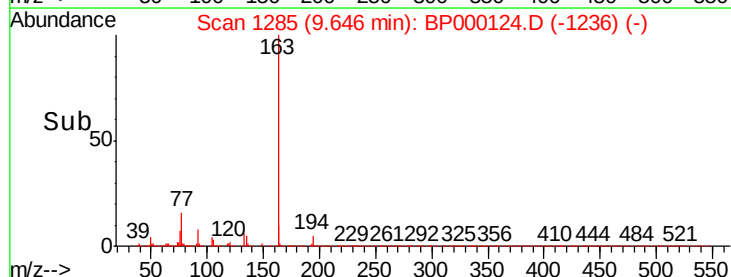
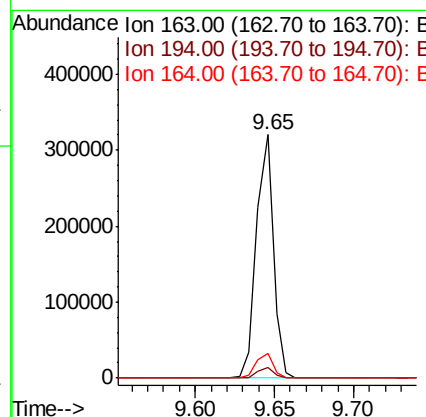
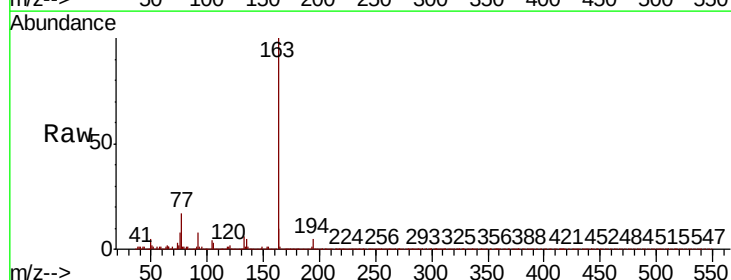
RT: 9.65 min Scan# 1285

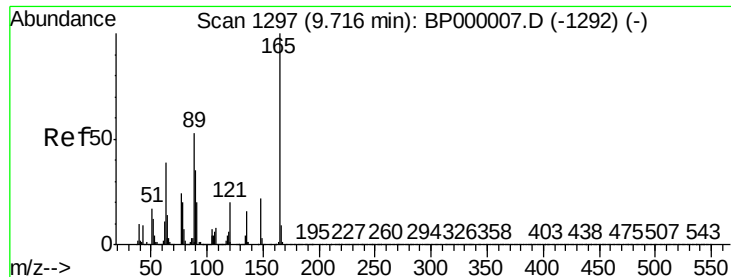
Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Tgt Ion:	163	Resp:	237235
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	10.0	8.4	12.6

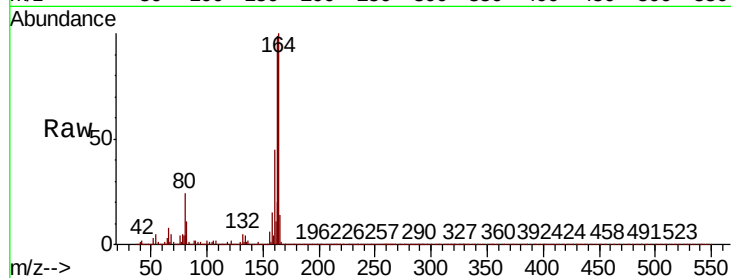




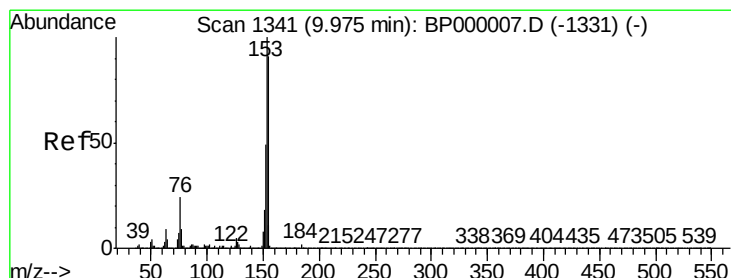
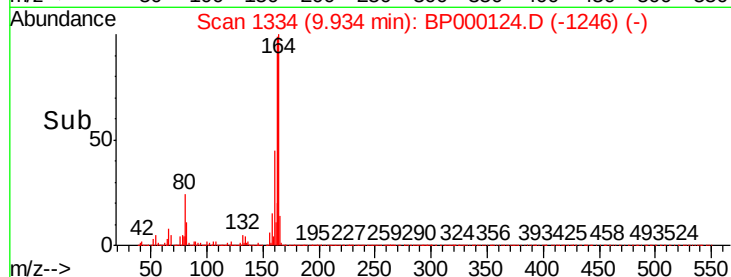
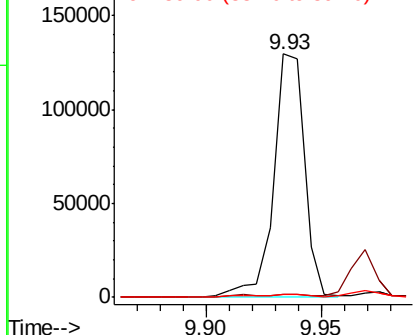
#51
2,6-Dinitrotoluene
Concen: 9.353 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.8	53.6#
89	1.4	42.2	63.4#

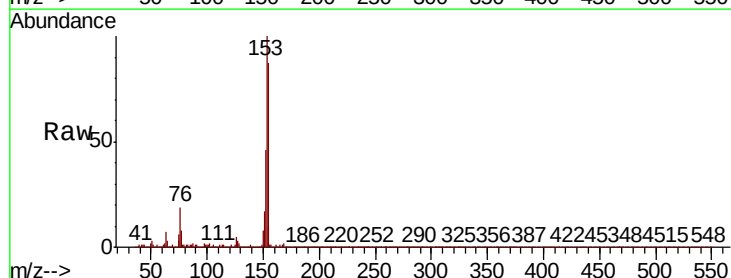


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

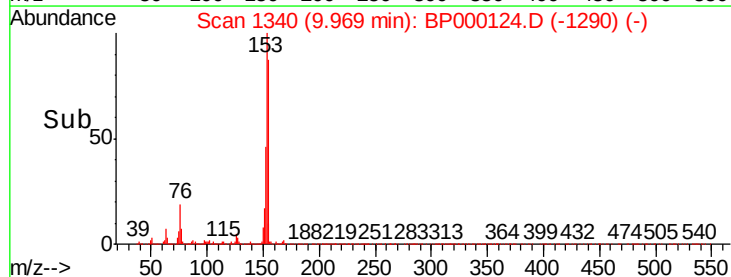
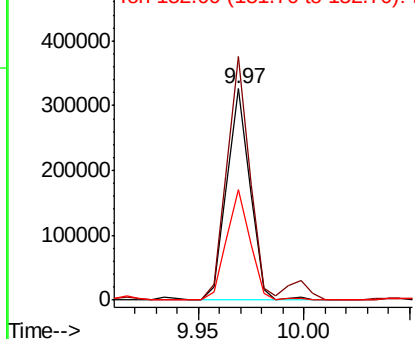


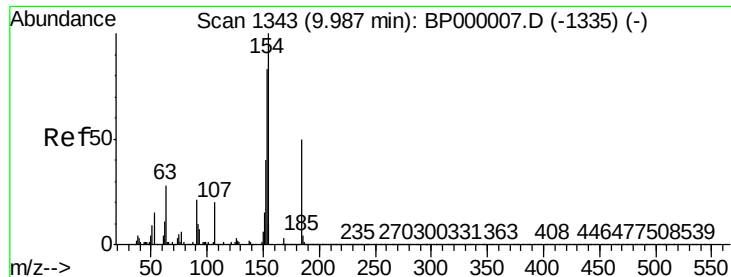
#52
Acenaphthene
Concen: 5.145 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	88.2	132.2
152	52.5	42.9	64.3



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: 8.657 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.03 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampleId :

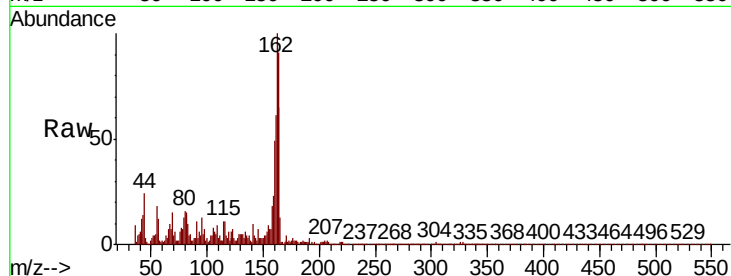
Tot Ion:184 Resp: 47

Ion Ratio Lower Upper

184 100

63 529.4 46.0 69.0#

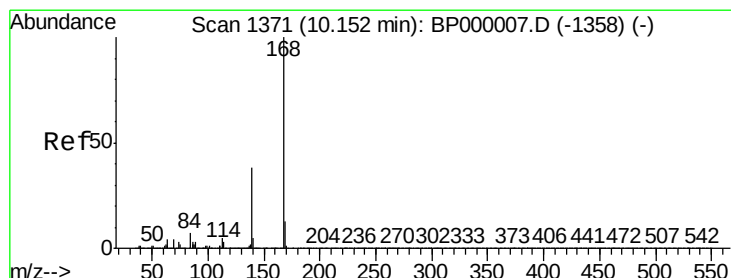
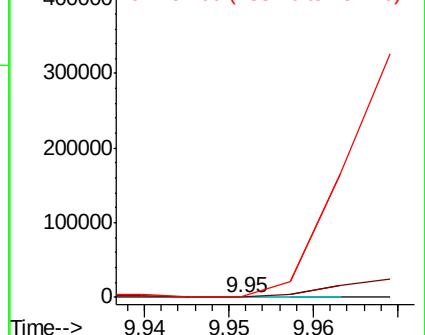
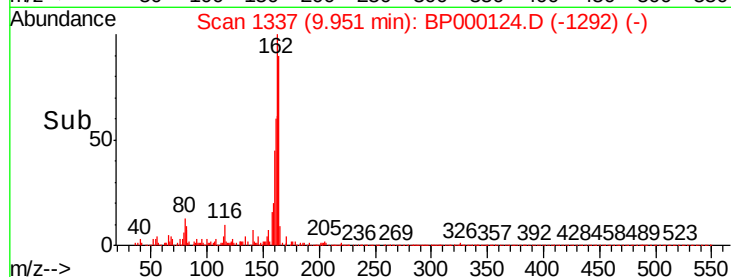
154 1045.4 161.9 242.9#



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: 3.143 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

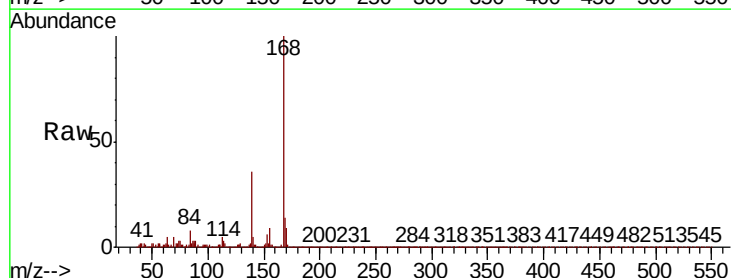
Tgt Ion:168 Resp: 214665

Ion Ratio Lower Upper

168 100

139 36.5 30.2 45.2

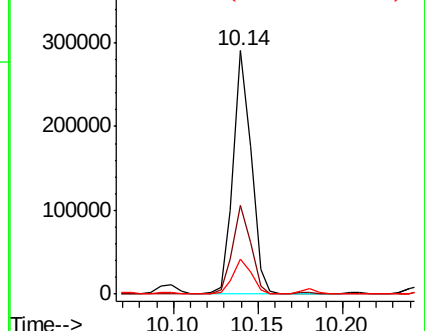
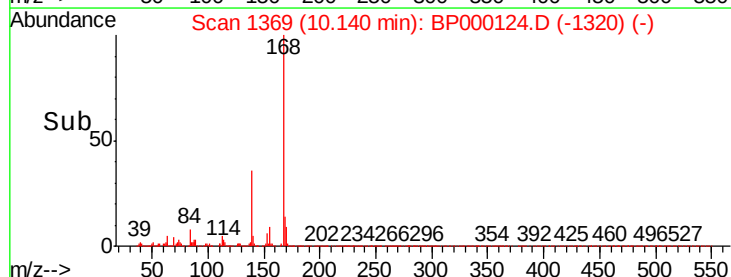
169 14.2 10.7 16.1

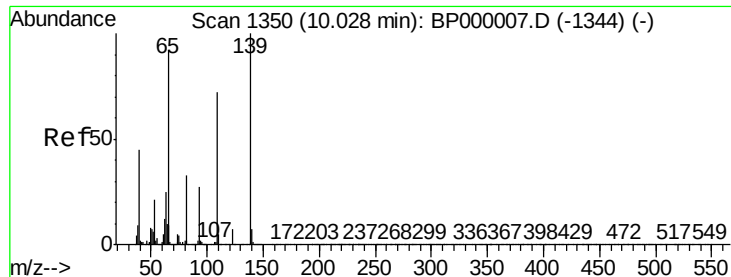


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

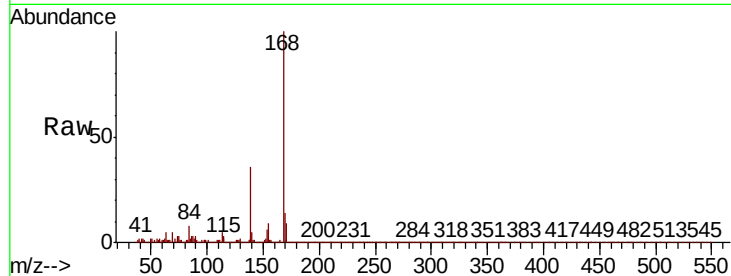




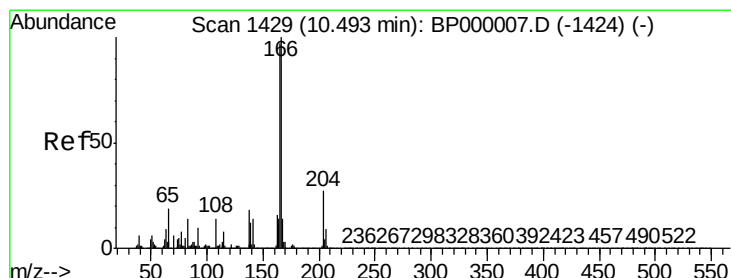
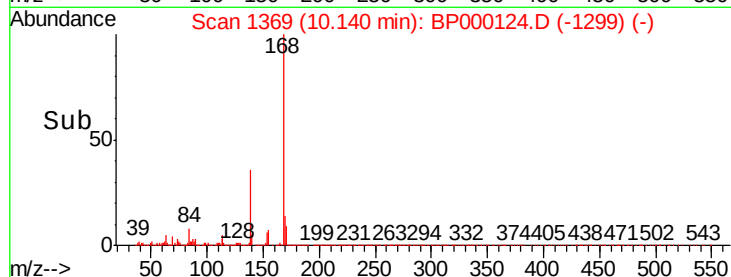
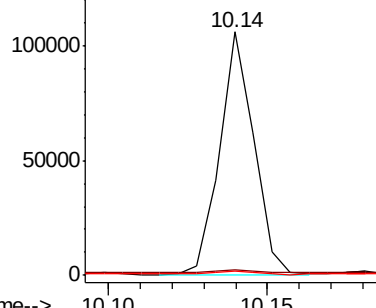
#56
4-Nitrophenol
Concen: 7.256 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampled :

Tot Ion:139 Resp: 78994
Ion Ratio Lower Upper
139 100
109 2.3 52.4 92.4#
65 1.8 72.2 112.2#

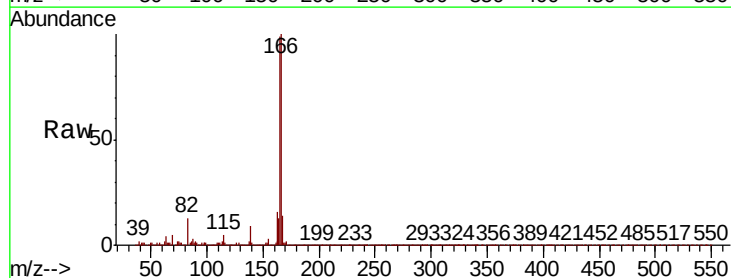


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

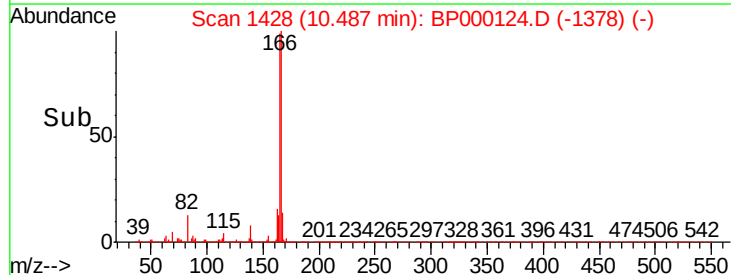
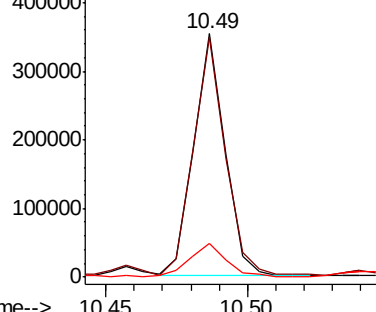


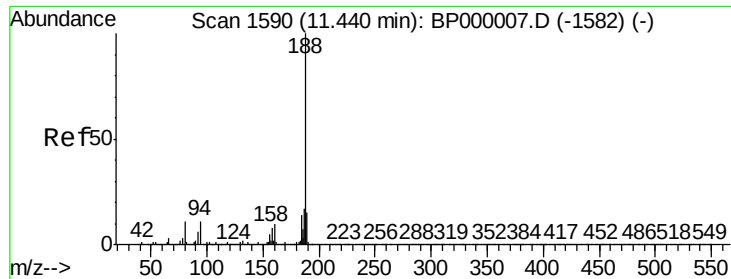
#58
Fluorene
Concen: 5.273 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:166 Resp: 271059
Ion Ratio Lower Upper
166 100
165 98.7 77.3 115.9
167 14.0 11.0 16.6



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: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampled :

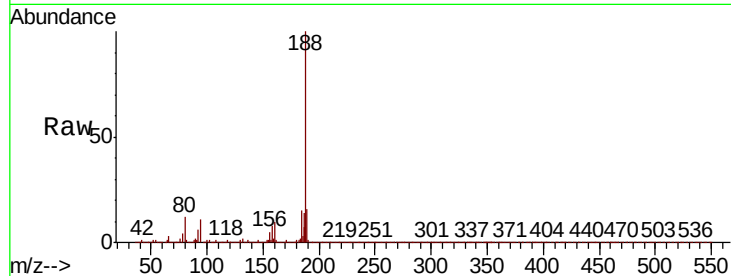
Tot Ion:188 Resp: 1551819

Ion Ratio Lower Upper

188 100

94 11.3 8.8 13.2

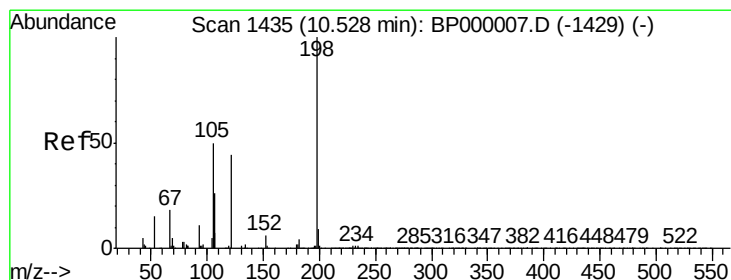
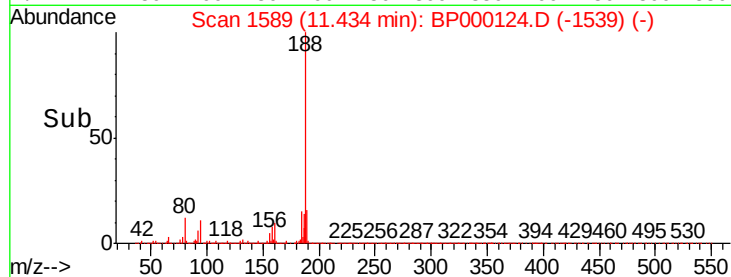
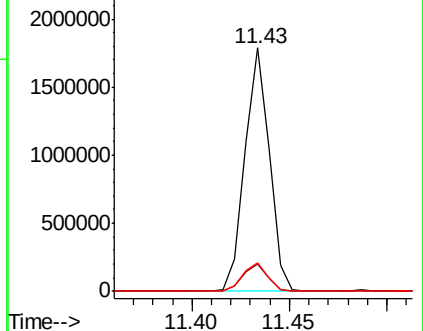
80 11.8 9.0 13.6



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: 7.735 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.04 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

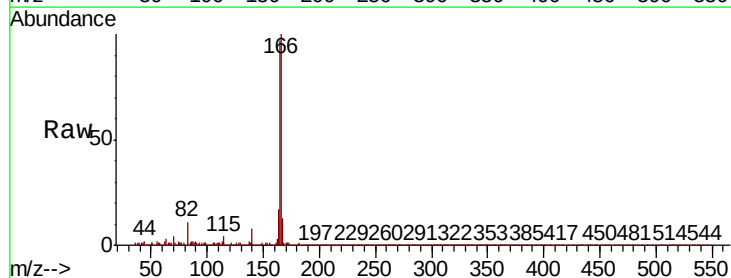
Tgt Ion:198 Resp: 78

Ion Ratio Lower Upper

198 100

51 1331.1 22.1 62.1#

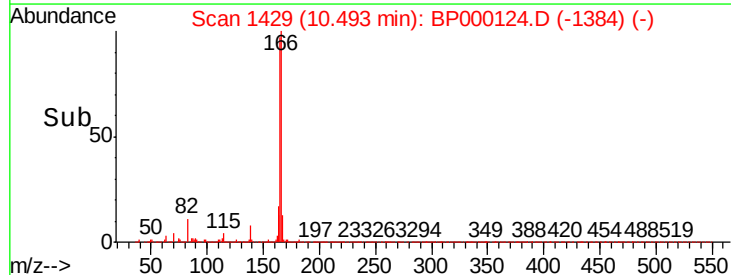
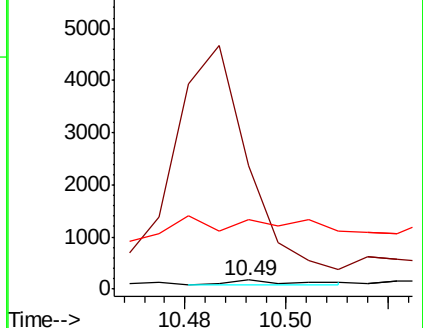
105 747.5 32.0 72.0#

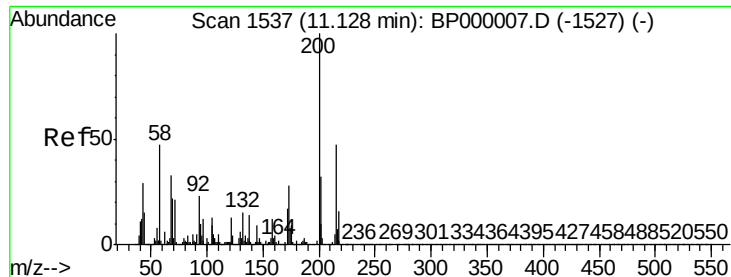


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#69

Atrazine

Concen: Below Cal

RT: 11.13 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampled :

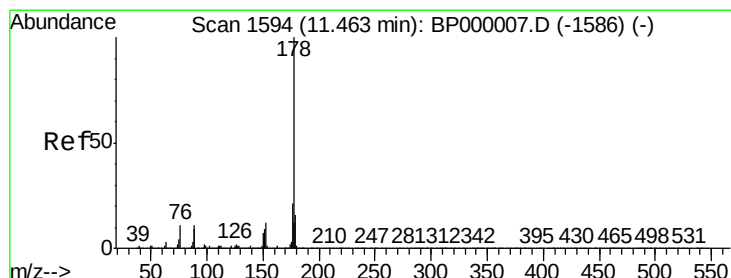
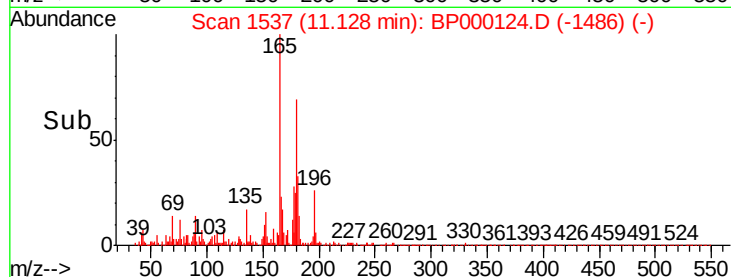
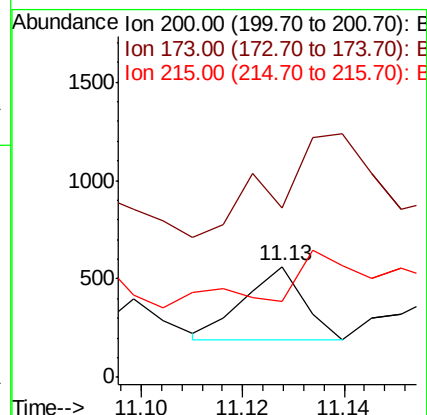
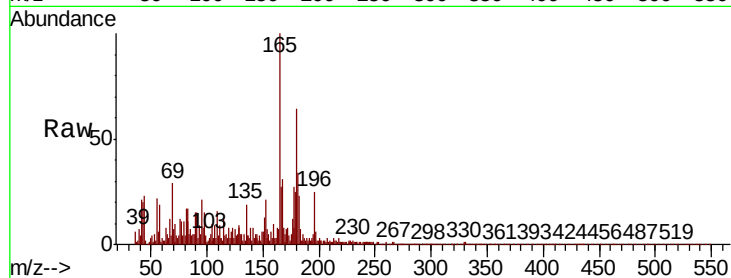
Tot Ion:200 Resp: 302

Ion Ratio Lower Upper

200 100

173 152.7 8.1 48.1#

215 68.6 26.7 66.7#



#71

Phenanthrene

Concen: 48.798 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

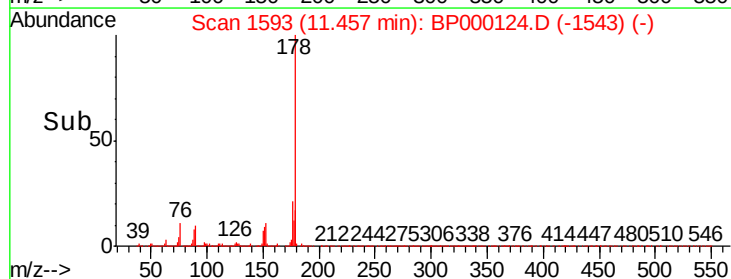
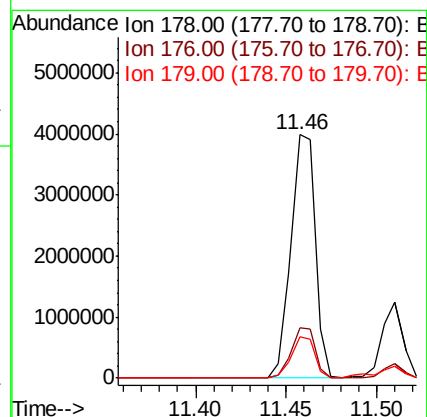
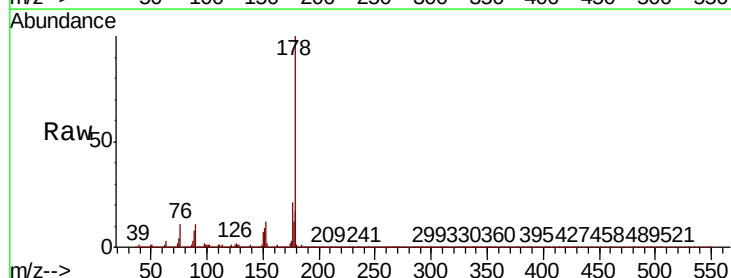
Tgt Ion:178 Resp: 3774310

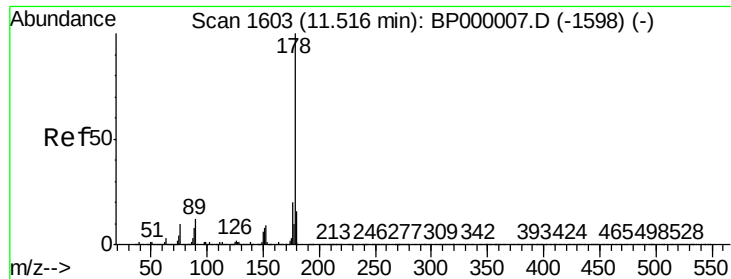
Ion Ratio Lower Upper

178 100

176 20.6 16.7 25.1

179 16.9 13.1 19.7





#72

Anthracene

Concen: 12.978 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

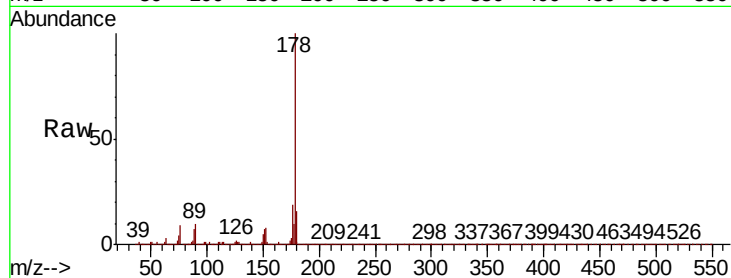
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 991587

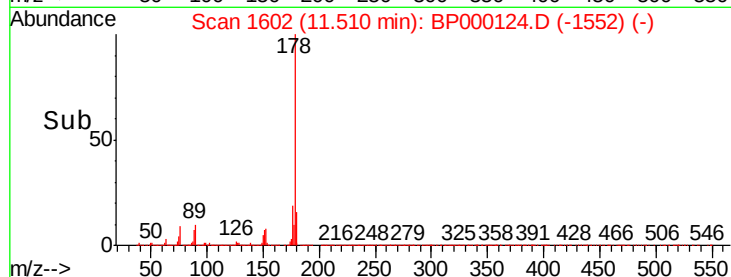
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.9	13.0	19.6



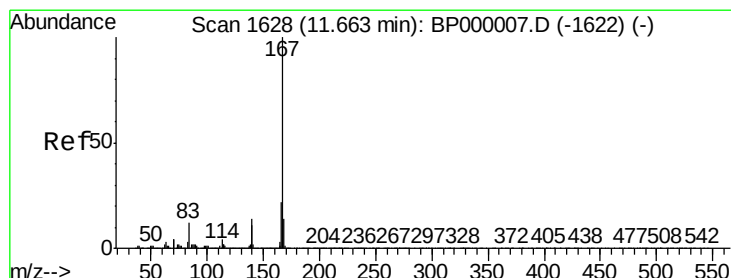
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 6.210 ng

RT: 11.66 min Scan# 1627

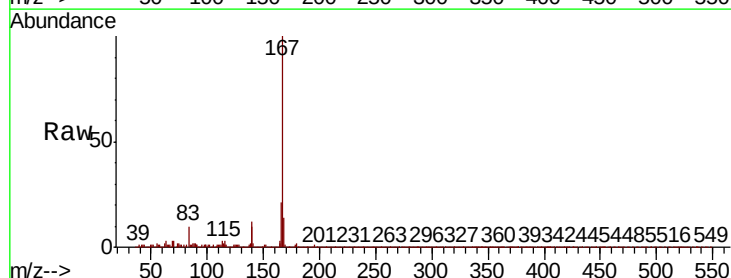
Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Tgt Ion:167 Resp: 447871

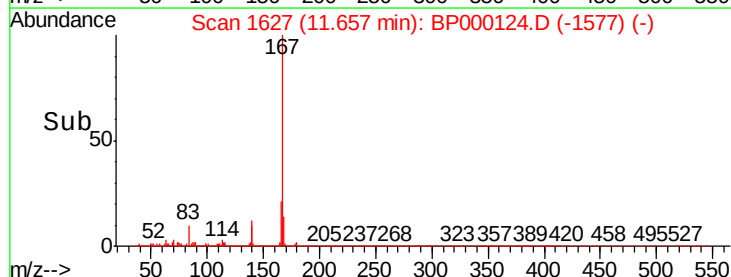
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.9	26.9
139	12.4	11.4	17.2



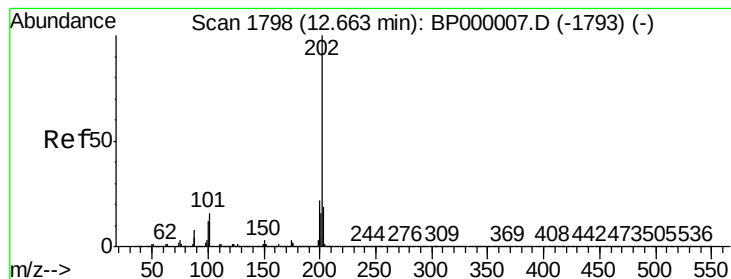
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#75

Fluoranthene

Concen: 61.742 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

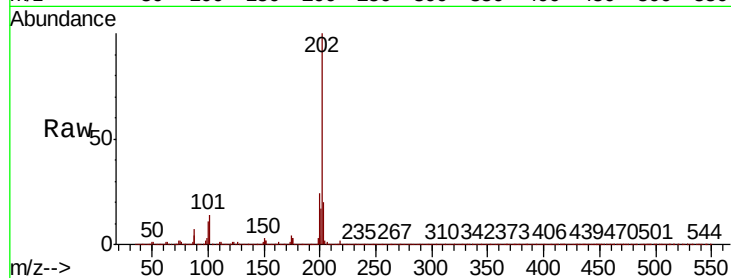
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 5189412

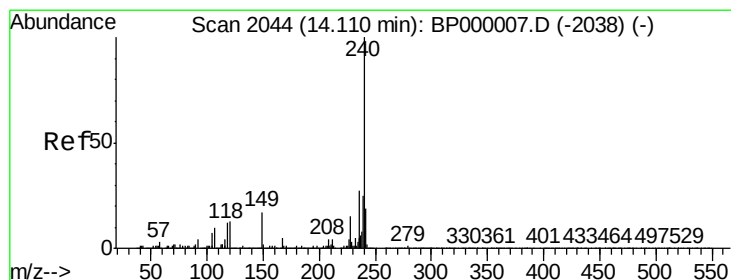
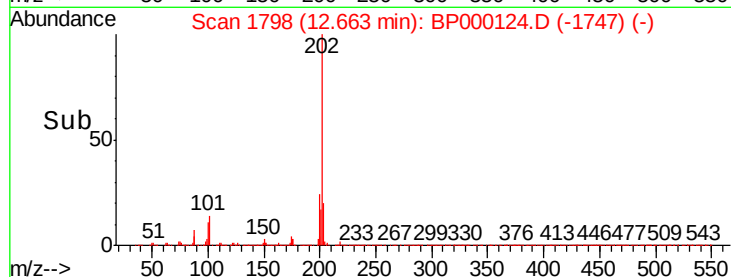
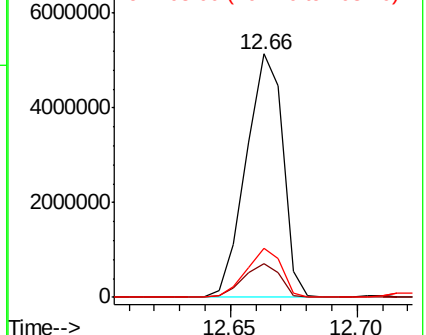
Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	36.4
203	20.1	0.0	38.7



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: 14.10 min Scan# 2043

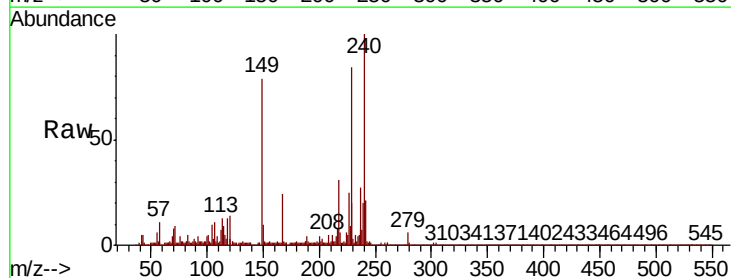
Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Tgt Ion:240 Resp: 1040154

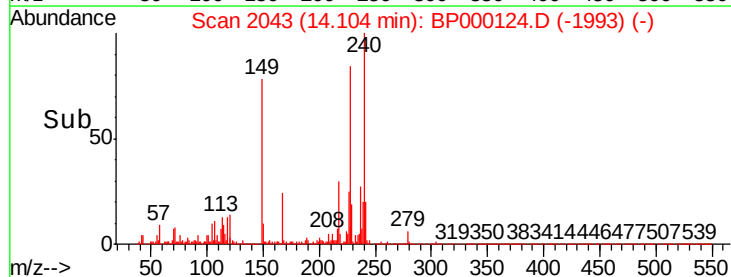
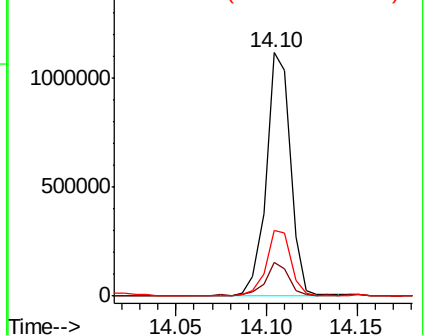
Ion	Ratio	Lower	Upper
240	100		
120	17.2	10.5	15.7#
236	27.1	21.5	32.3

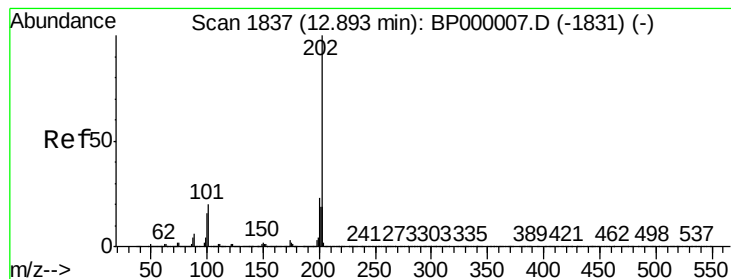


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 63.744 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampleId :

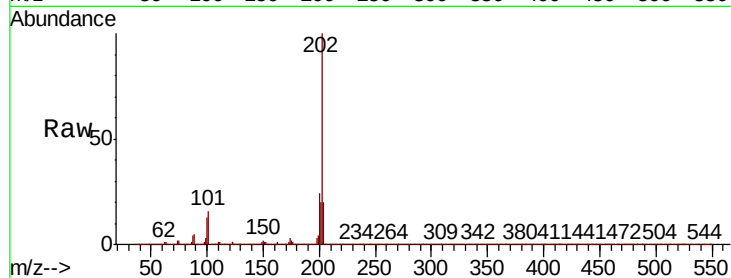
Tot Ion:202 Resp: 4877741

Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.5	27.7
203	20.0	15.1	22.7

202 100

200 24.2 18.5 27.7

203 20.0 15.1 22.7

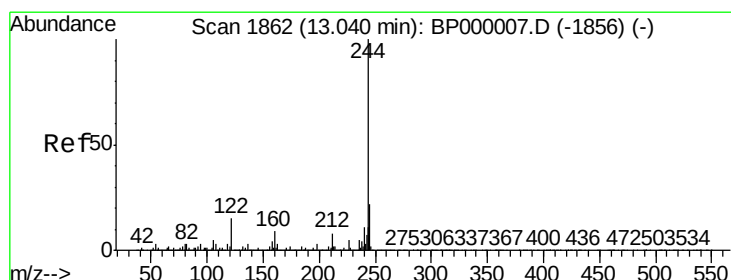
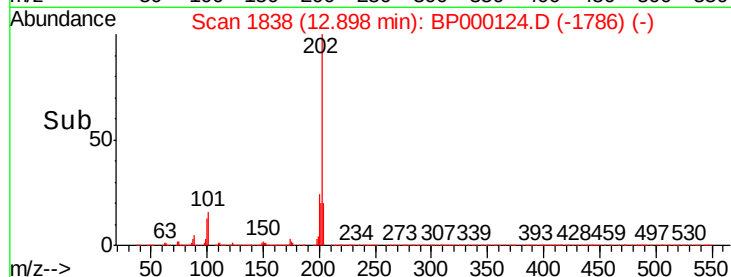
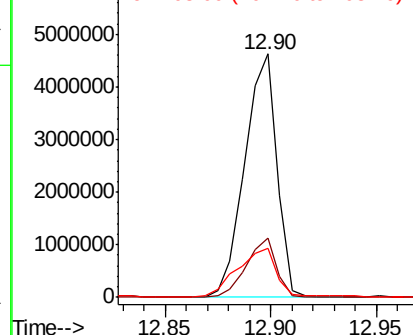


Abundance

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: 34.685 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

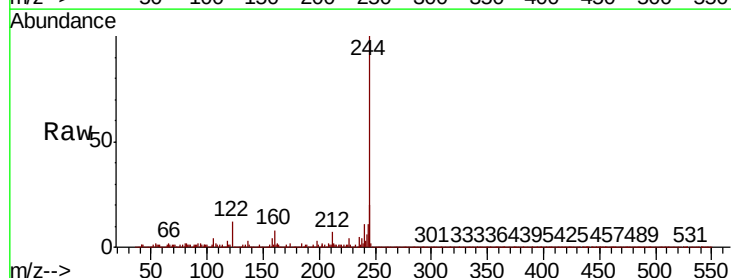
Tgt Ion:244 Resp: 1655247

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	12.2	12.3	18.5

244 100

212 7.3 6.6 10.0

122 12.2 12.3 18.5

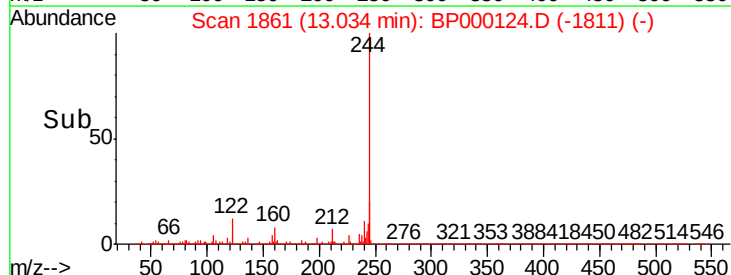
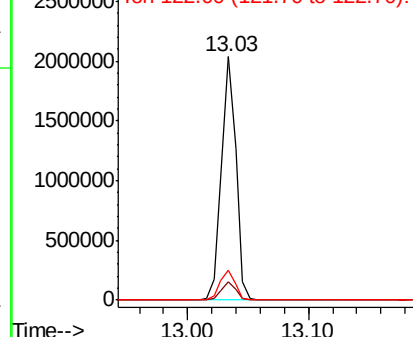


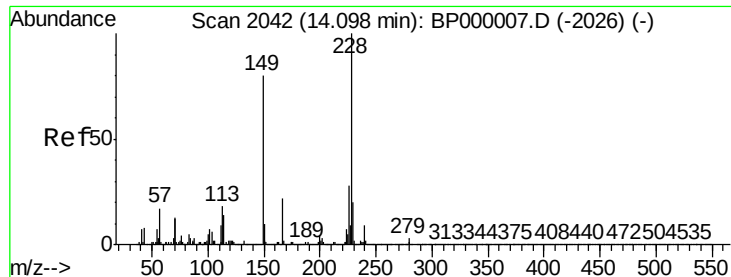
Abundance

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: 32.961 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampleId :

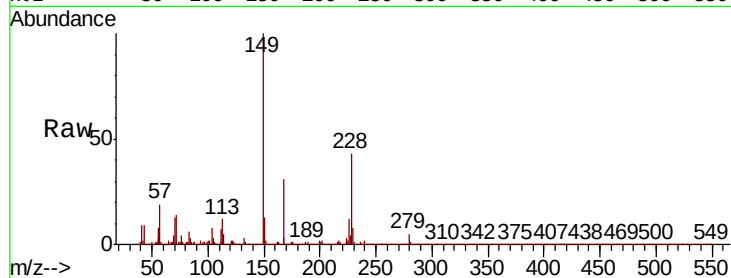
Tot Ion:228 Resp: 2221633

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

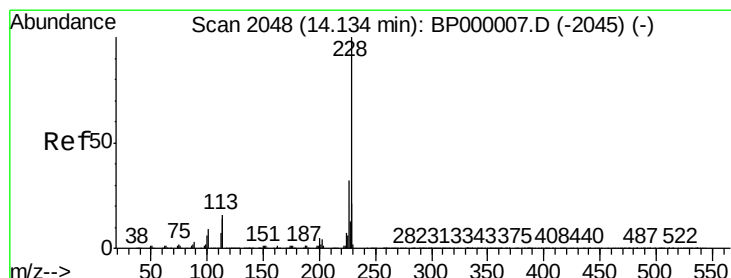
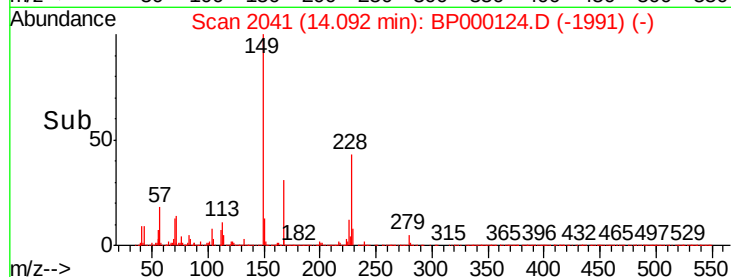
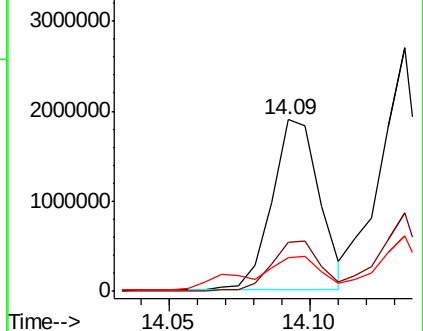
229 19.5 16.2 24.2



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: 39.873 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

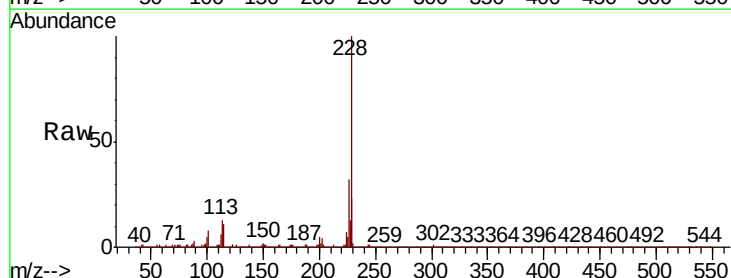
Tgt Ion:228 Resp: 2542013

Ion Ratio Lower Upper

228 100

226 32.0 25.5 38.3

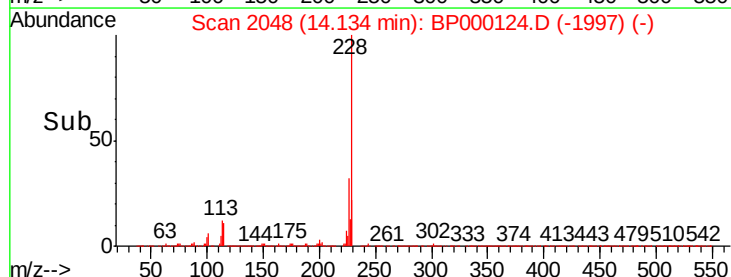
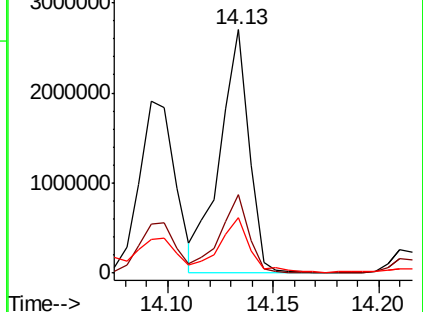
229 22.6 16.5 24.7

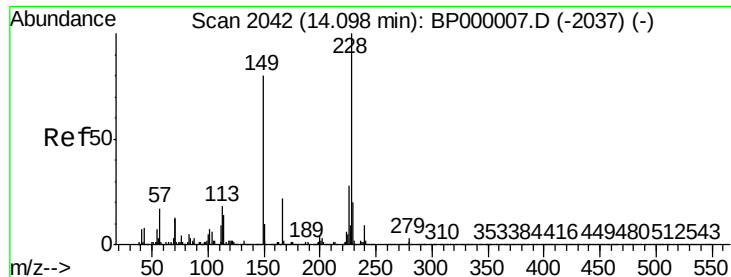


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 109.912 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

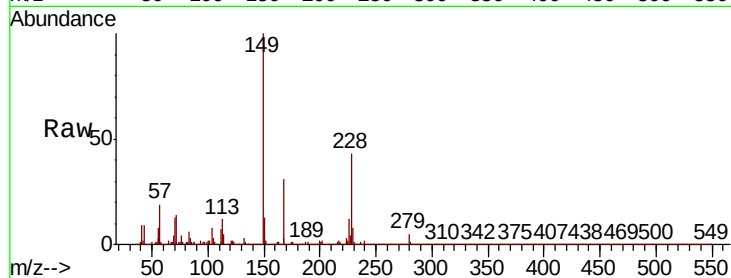
Instrument :

BNA_P

ClientSampleId :

Tot Ion:149 Resp: 4876713

Ion	Ratio	Lower	Upper
149	100		
167	31.4	22.4	33.6
279	5.1	3.1	4.7

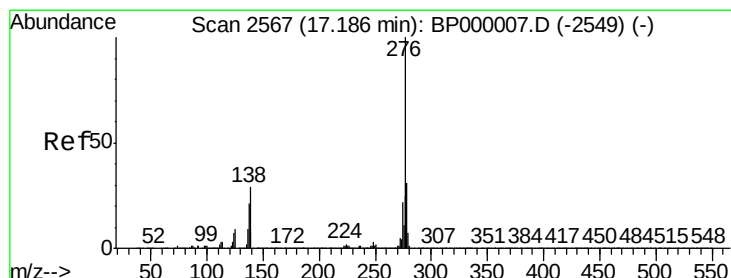
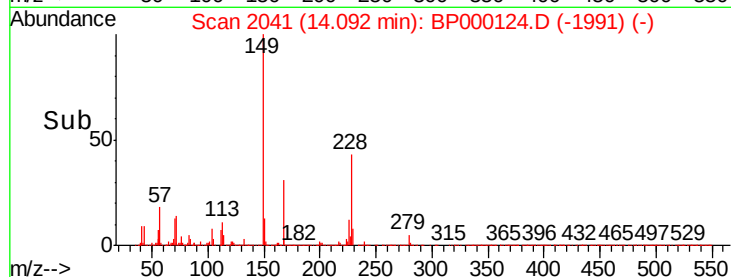
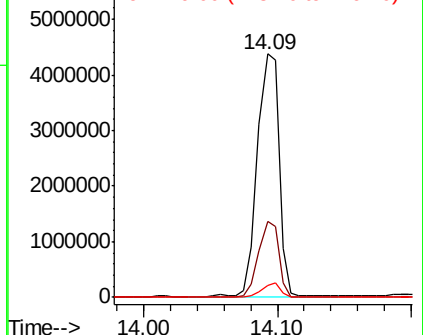


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 17.679 ng

RT: 17.19 min Scan# 2567

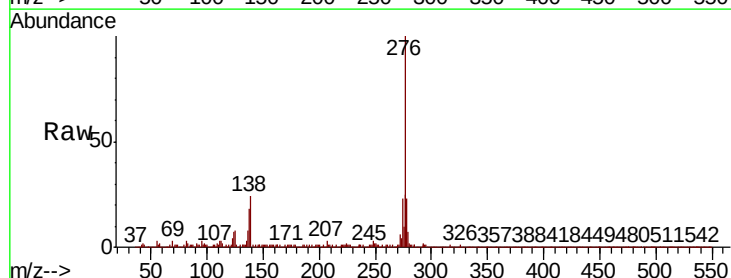
Delta R.T. -0.00 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Tgt Ion:276 Resp: 1412332

Ion	Ratio	Lower	Upper
276	100		
138	26.9	26.5	39.7
277	24.9	20.3	30.5

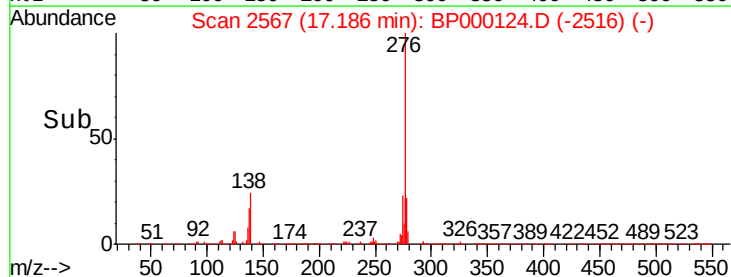
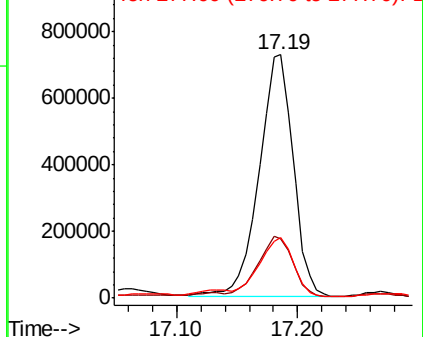


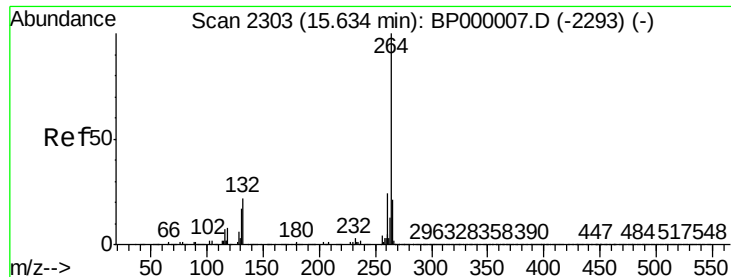
Abundance

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: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampleId :

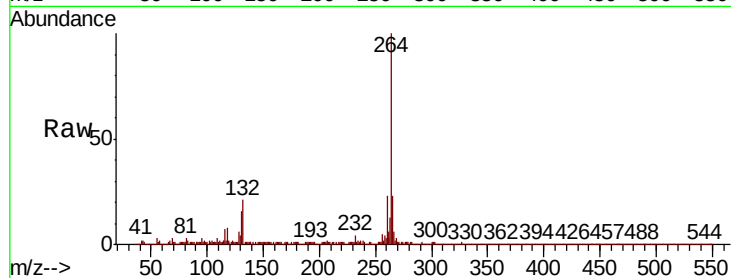
Tot Ion:264 Resp: 1169988

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

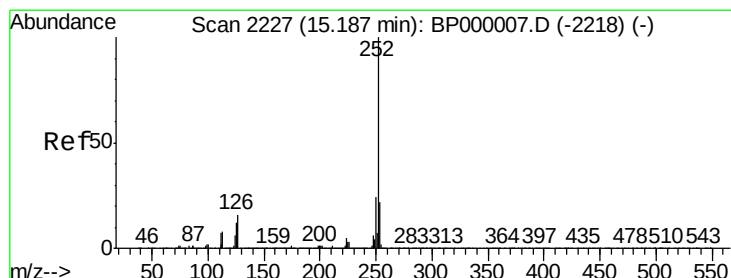
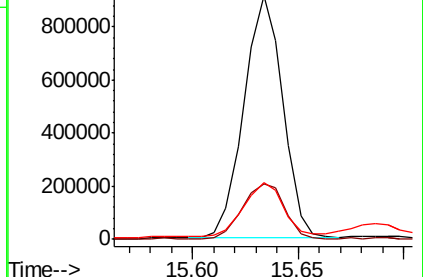
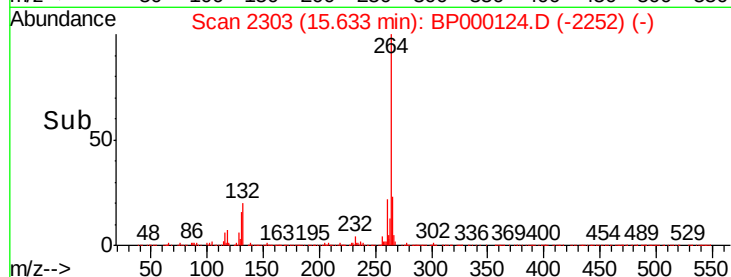
265 23.1 17.1 25.7



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: 60.298 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

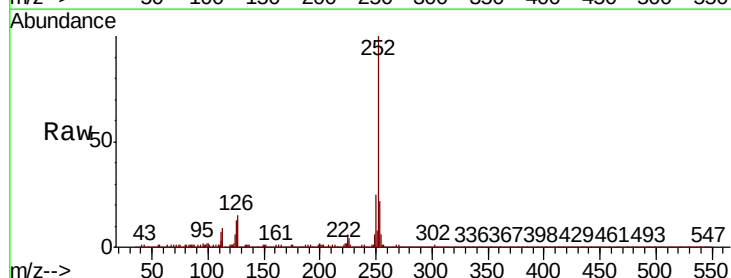
Tgt Ion:252 Resp: 4309209

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

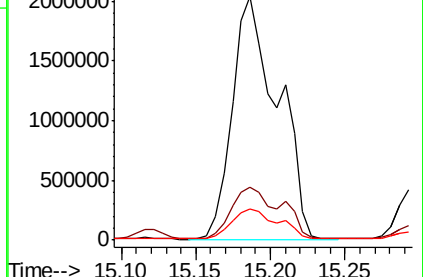
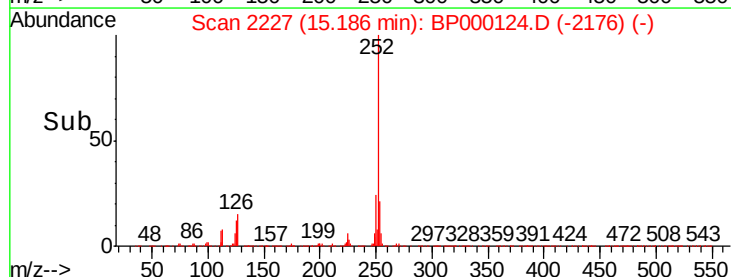
125 13.0 9.4 14.2

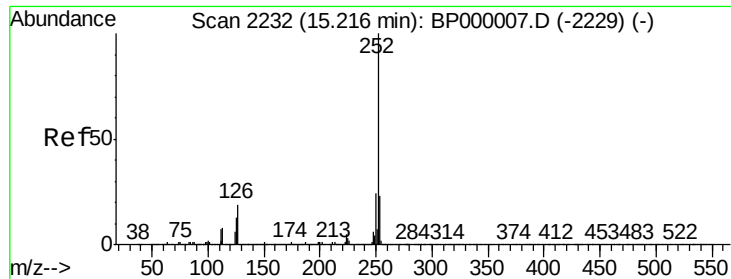


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

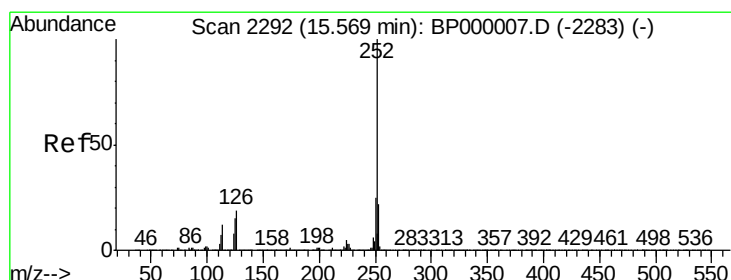
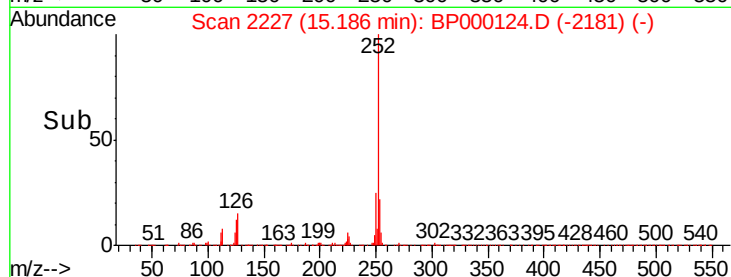
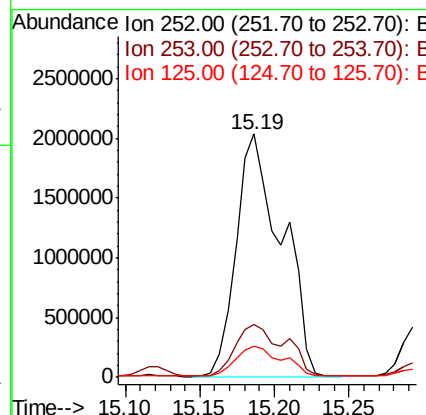
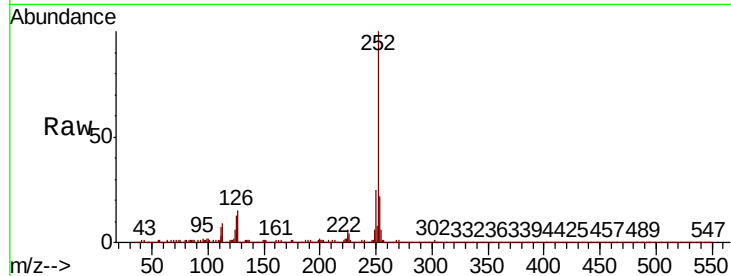




#89
Benzo(k)fluoranthene
Concen: 65.892 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.03 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

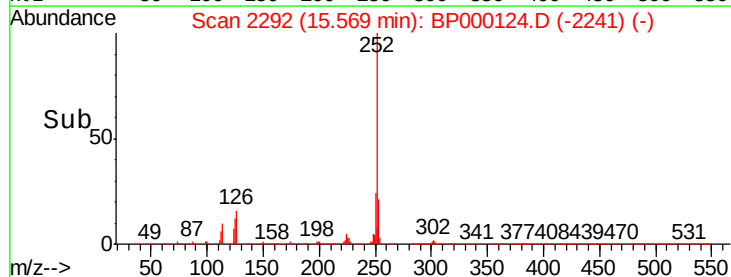
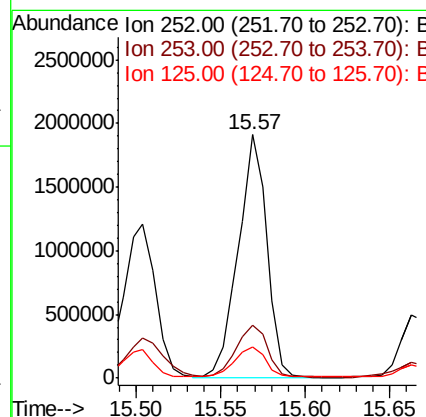
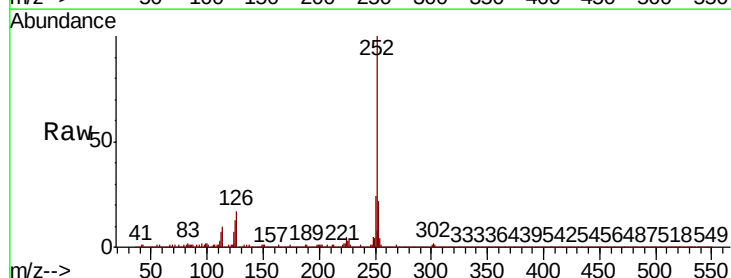
Instrument :
BNA_P
ClientSampled :

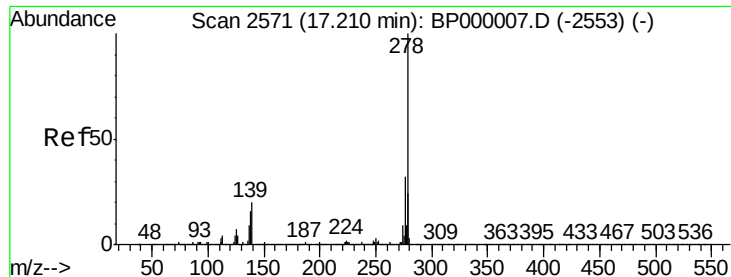
Tot Ion:252 Resp: 4309209
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 13.0 10.3 15.5



#90
Benzo(a)pyrene
Concen: 34.698 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:252 Resp: 2238413
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 12.7 11.7 17.5





#91

Dibenzo(a,h)anthracene

Concen: 5.738 ng

RT: 17.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

Instrument :

BNA_P

ClientSampled :

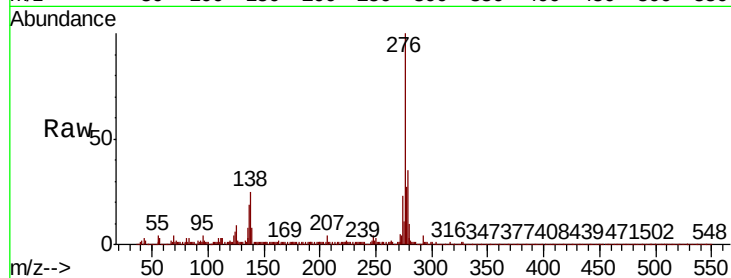
Tot Ion:278 Resp: 370153

Ion Ratio Lower Upper

278 100

139 21.8 16.4 24.6

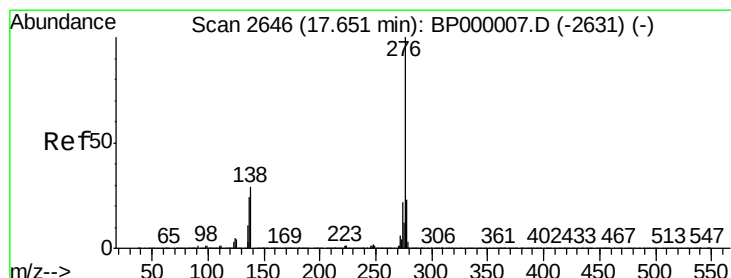
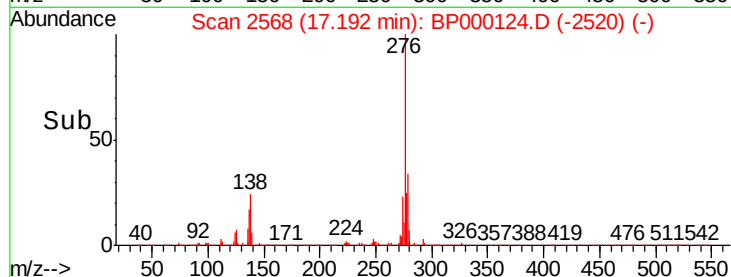
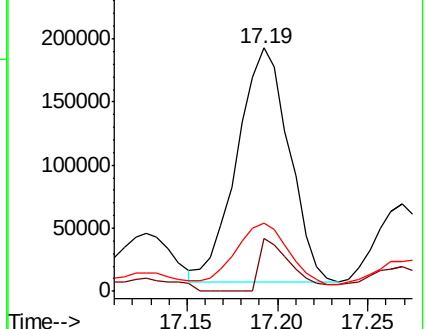
279 28.1 19.2 28.8



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: 20.223 ng

RT: 17.65 min Scan# 2646

Delta R.T. -0.00 min

Lab File: BP000124.D

Acq: 09 Sep 2019 05:37

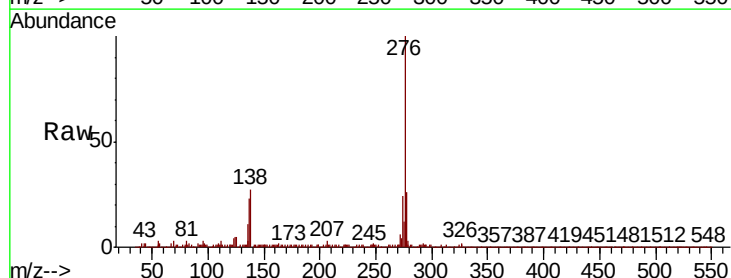
Tgt Ion:276 Resp: 1291334

Ion Ratio Lower Upper

276 100

277 25.9 18.6 28.0

138 27.4 23.0 34.4



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

