

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110288.D
 Acq On : 30 Oct 2018 3:09
 Operator : JU/SJ
 Sample : J5685-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:50:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	105516	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	384984	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	148421	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	240975	20.00	ng	0.00
76) Chrysene-d12	14.16	240	142279	20.00	ng	0.00
87) Perylene-d12	15.70	264	111947	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	591404	91.27	ng	0.00
7) Phenol-d6	6.60	99	727561	87.79	ng	0.00
23) Nitrobenzene-d5	7.53	82	434329	66.92	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	110351	75.06	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	786978	83.26	ng	0.00
79) Terphenyl-d14	13.09	244	557260	81.46	ng	0.00

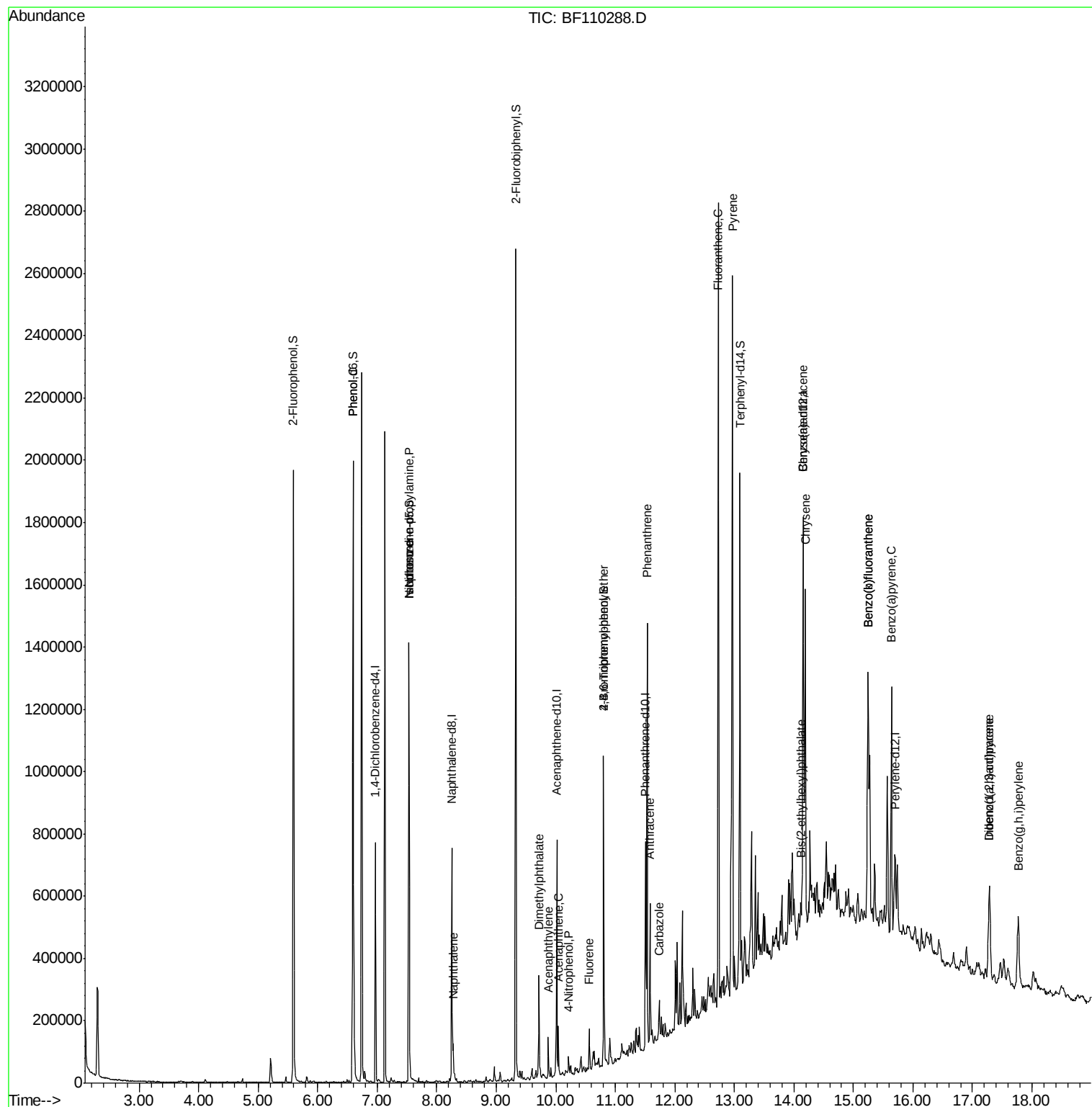
Target Compounds				Qvalue		
9) Benzaldehyde	6.52	77	726	Below Cal	#	1
10) Phenol	6.60	94	51443	5.807 ng	#	76
19) n-Nitroso-di-n-propylamine	7.53	70	59006	11.098 ng	#	79
25) Isophorone	7.53	82	434390	39.261 ng	#	67
31) Naphthalene	8.27	128	37734	2.127 ng		99
49) Acenaphthylene	9.87	152	50390	3.544 ng		98
50) Dimethylphthalate	9.72	163	131515	12.004 ng		99
52) Acenaphthene	10.05	154	30539	3.246 ng		98
56) 4-Nitrophenol	10.22	139	9702	4.671 ng	#	12
58) Fluorene	10.56	166	35063	3.577 ng		99
67) 4-Bromophenyl-phenylether	10.80	248	6978	2.670 ng	#	1
71) Phenanthrene	11.53	178	477349	37.858 ng		100
72) Anthracene	11.59	178	175864	13.915 ng		99
73) Carbazole	11.74	167	46303	3.752 ng		98
75) Fluoranthene	12.73	202	1056403	82.553 ng		99
77) Benzidine	12.86	184	263	Below Cal	#	1
78) Pyrene	12.97	202	1006634	98.688 ng		99
81) Benzo(a)anthracene	14.15	228	491250	58.223 ng		97
83) Chrysene	14.19	228	426994	53.282 ng		96
84) Bis(2-ethylhexyl)phthalate	14.12	149	29296	4.895 ng	#	95
86) Indeno(1,2,3-cd)pyrene	17.29	276	212618	31.981 ng		97
88) Benzo(b)fluoranthene	15.24	252	697376	107.877 ng		95
89) Benzo(k)fluoranthene	15.24	252	697376	109.732 ng	#	94
90) Benzo(a)pyrene	15.64	252	373954	62.866 ng		99
91) Dibenzo(a,h)anthracene	17.29	278	54498	10.618 ng	#	94
92) Benzo(g,h,i)perylene	17.77	276	205861	40.702 ng		95

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

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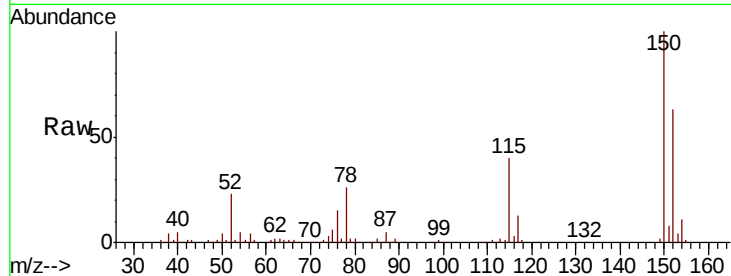


#1

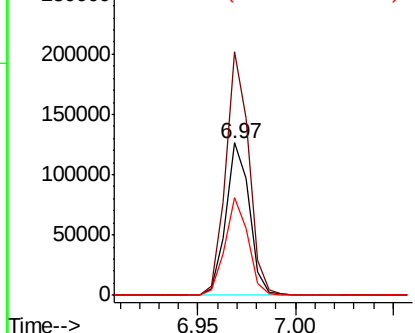
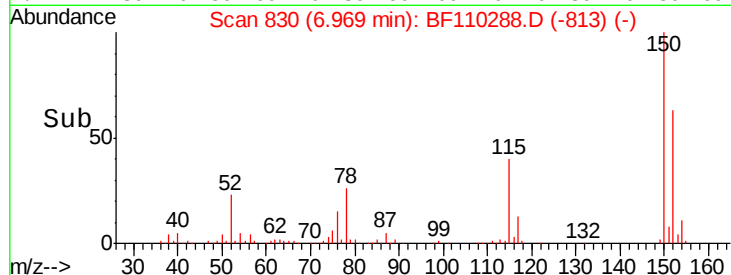
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105516
Ion Ratio Lower Upper
152 100
150 159.7 122.7 184.1
115 64.1 49.1 73.7



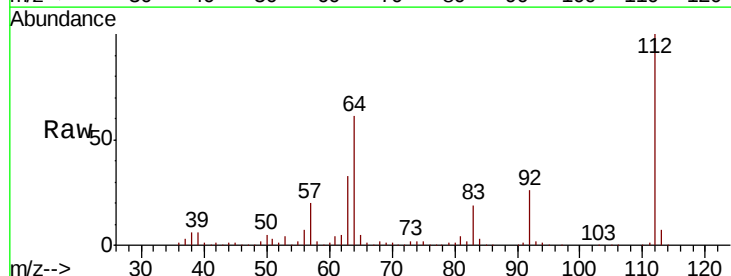
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



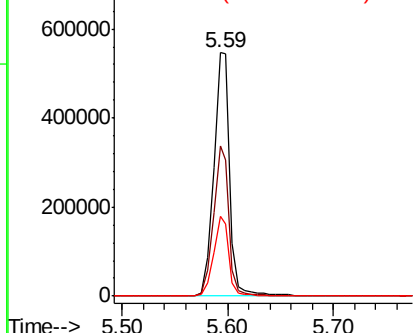
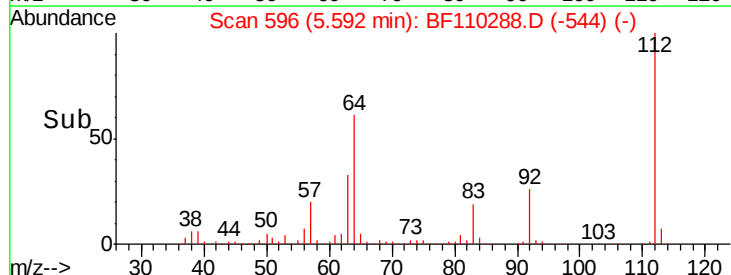
#5

2-Fluorophenol
Concen: 91.273 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion:112 Resp: 591404
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.787 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

Instrument :

BNA_F

ClientSampled :

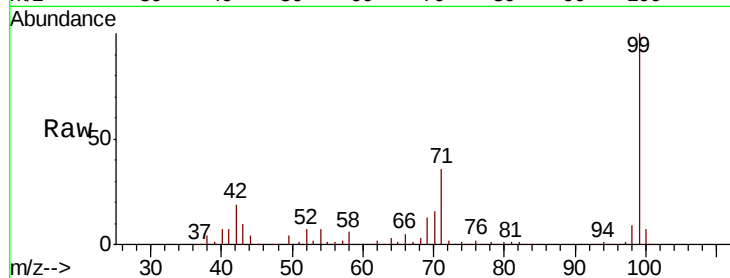
Tot Ion: 99 Resp: 727561

Ion Ratio Lower Upper

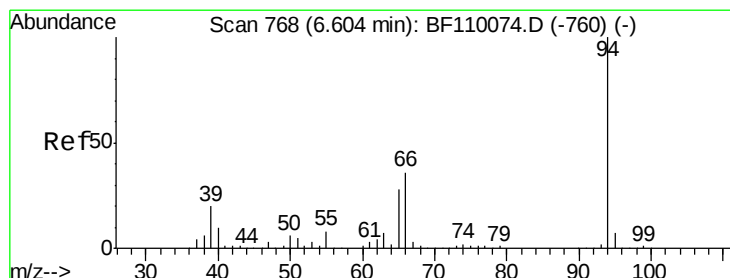
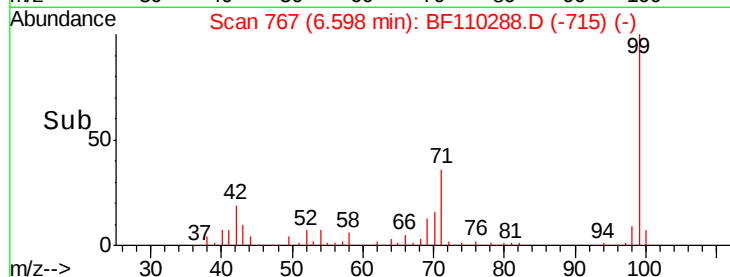
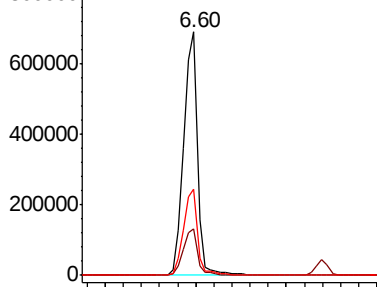
99 100

42 18.9 15.8 23.6

71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.807 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

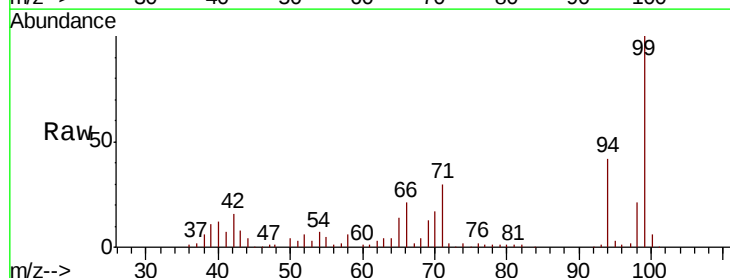
Tgt Ion: 94 Resp: 51443

Ion Ratio Lower Upper

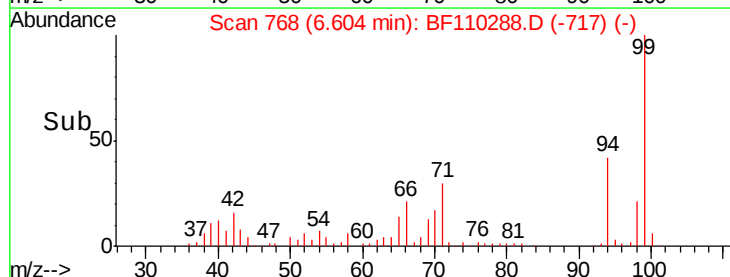
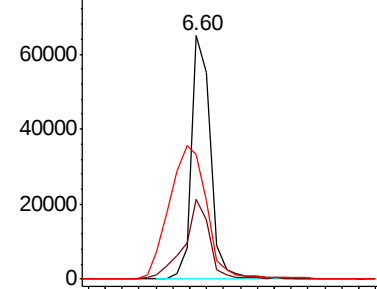
94 100

65 32.8 25.3 65.3

66 51.0 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

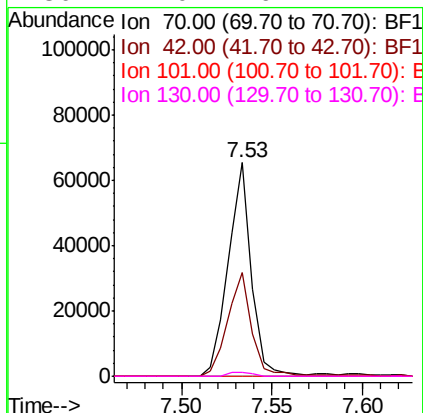
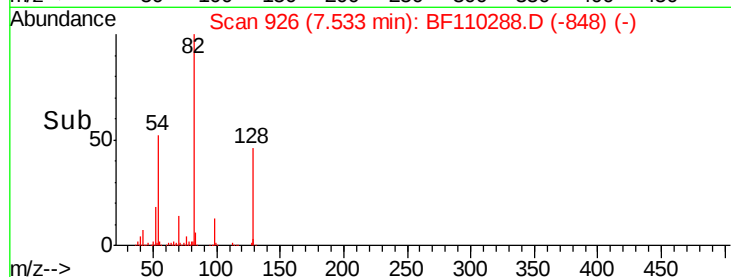
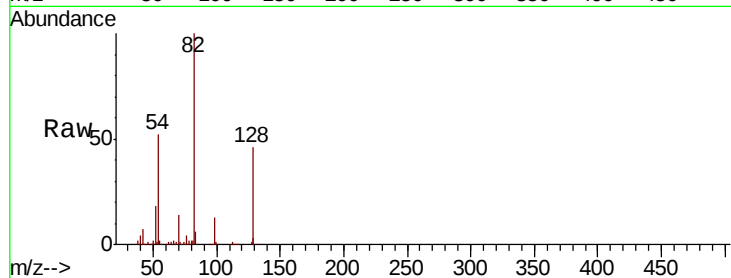




#19
n-Nitroso-di-n-propylamine
Concen: 11.098 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

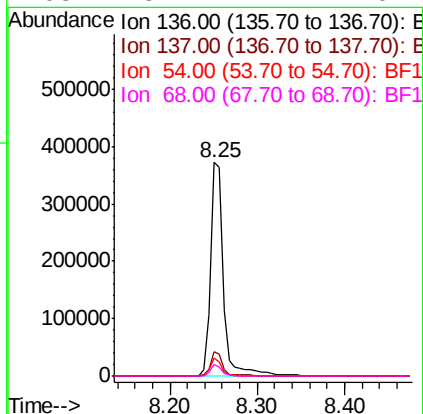
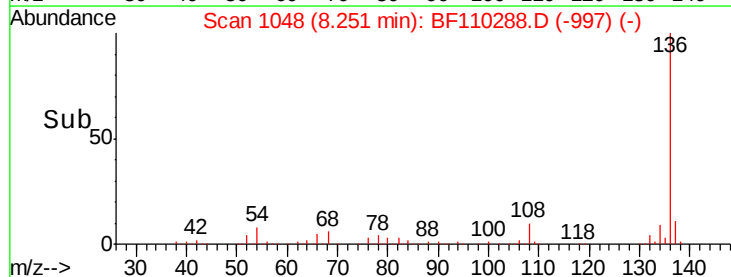
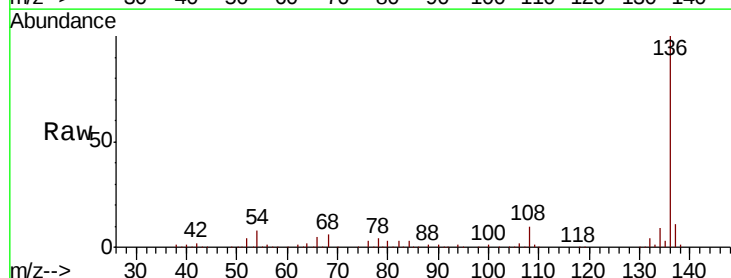
Instrument :
BNA_F
ClientSampleId :

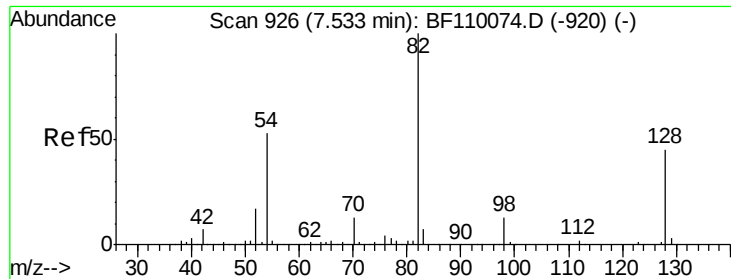
Tot Ion: 70 Resp: 59006
Ion Ratio Lower Upper
70 100
42 48.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion: 136 Resp: 384984
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 5.4 8.2
68 5.7 4.2 6.2

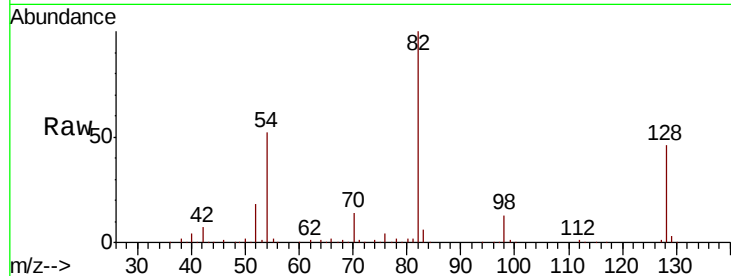




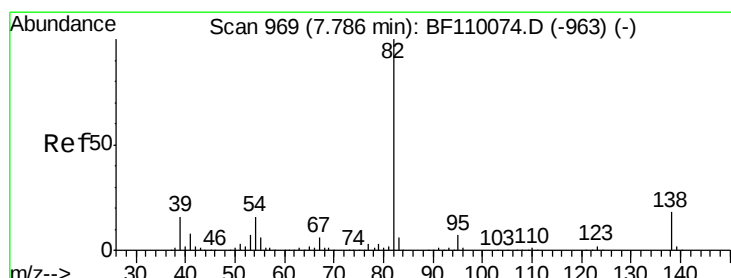
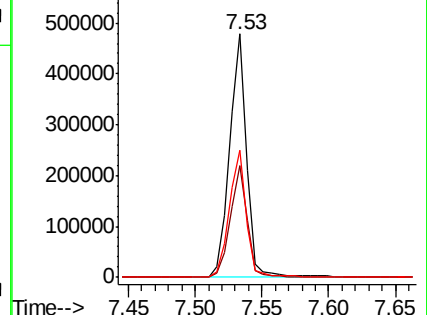
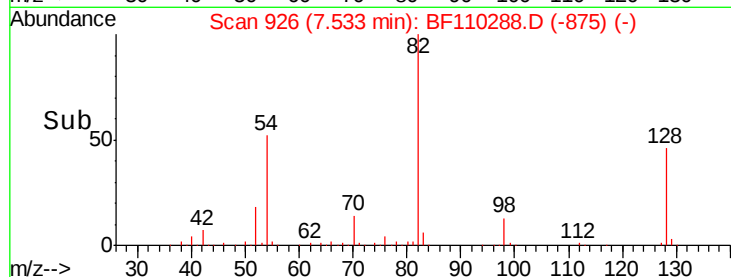
#23
 Nitrobenzene-d5
 Concen: 66.916 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF110288.D
 Acq: 30 Oct 2018 3:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	434329
Ion Ratio	Lower	Upper	
82	100		
128	45.9	34.2	51.2
54	52.2	38.6	58.0

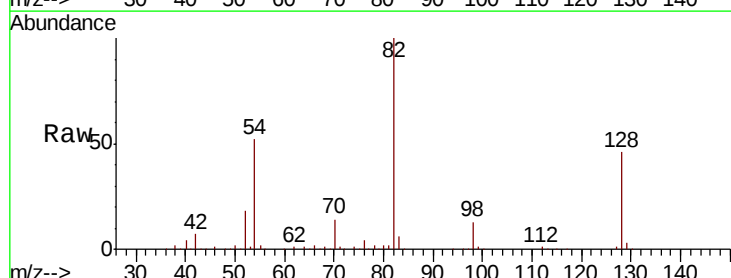


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

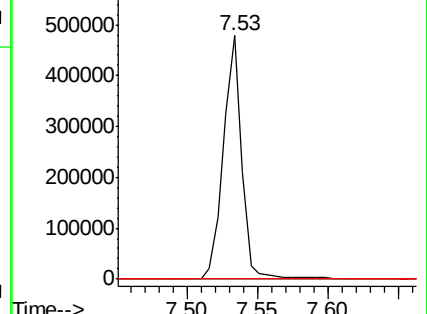
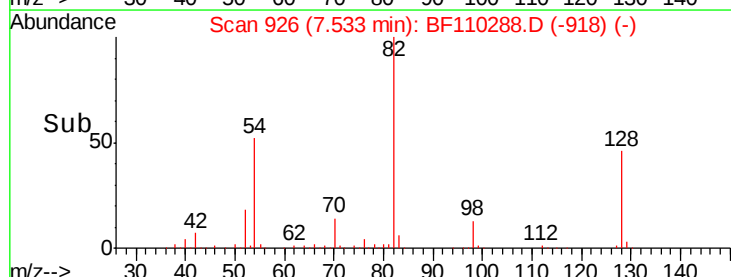


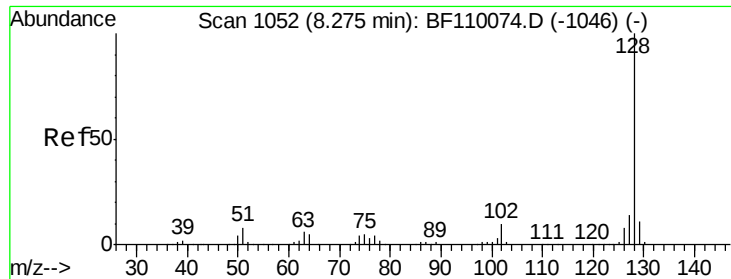
#25
 Isophorone
 Concen: 39.261 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.25 min
 Lab File: BF110288.D
 Acq: 30 Oct 2018 3:09

Tgt Ion	82	Resp	434390
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

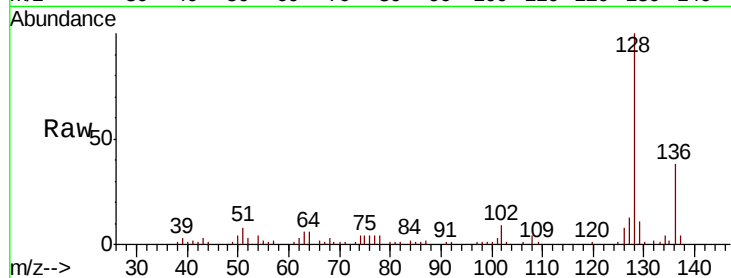




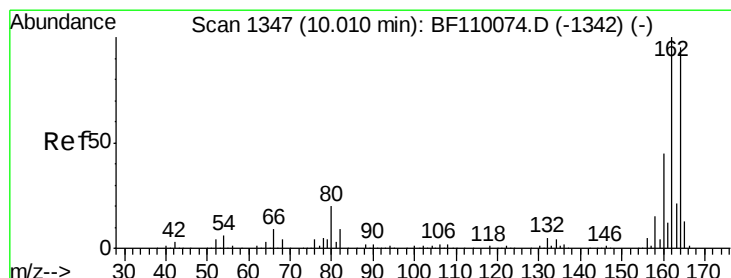
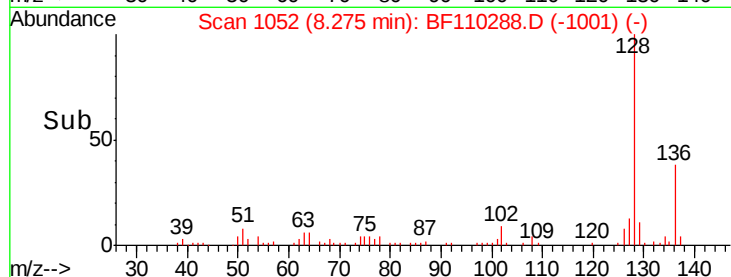
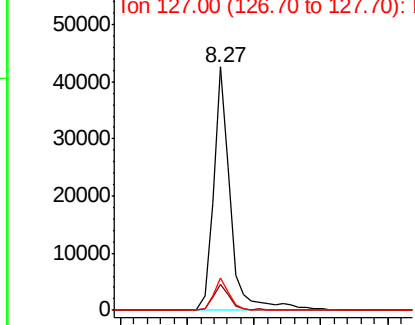
#31
Naphthalene
Concen: 2.127 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 37734
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.5 10.8 16.2

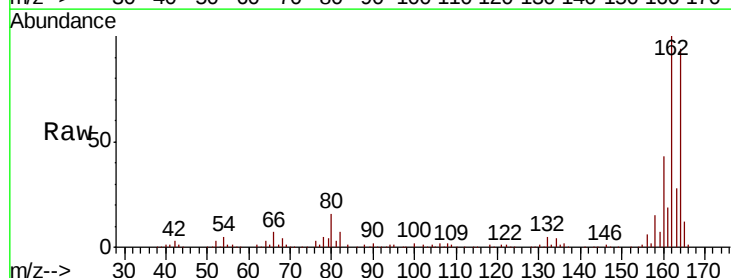


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

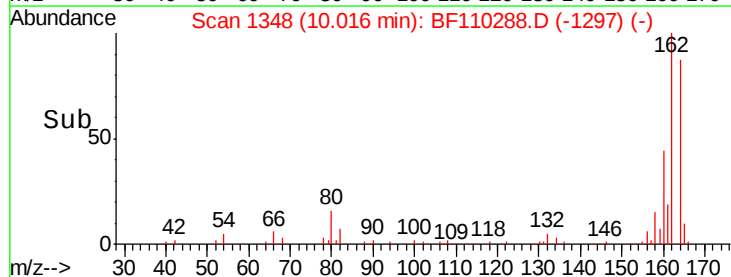
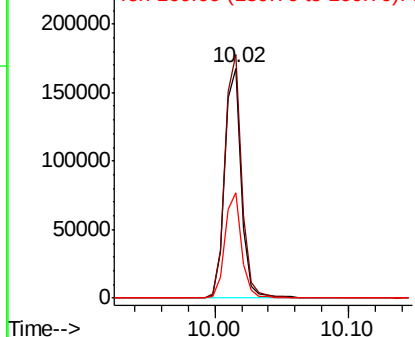


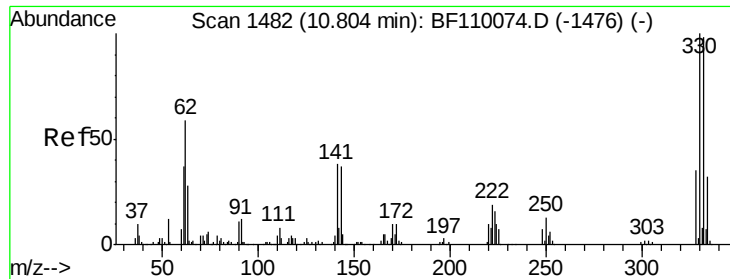
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion:164 Resp: 148421
Ion Ratio Lower Upper
164 100
162 106.1 83.0 124.6
160 45.9 37.0 55.6



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

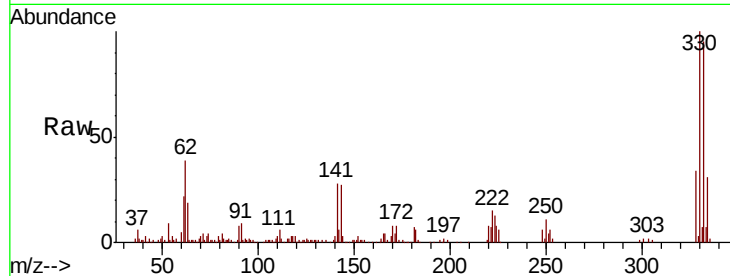




#42
 2,4,6-Tribromophenol
 Concen: 75.058 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF110288.D
 Acq: 30 Oct 2018 3:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	36.8	27.0	40.4

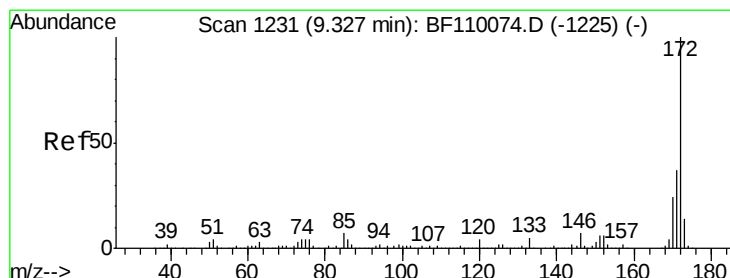
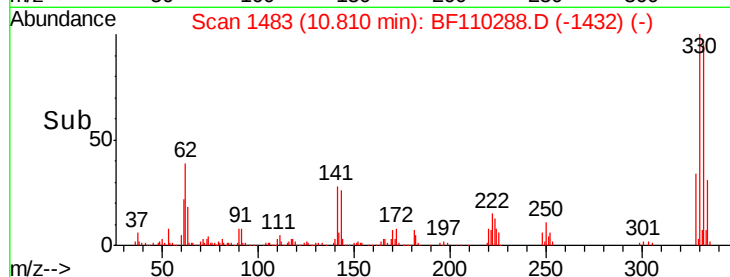
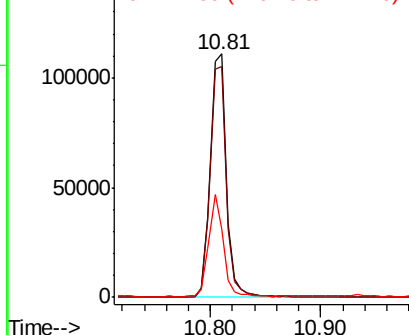


Abundance

Ion 329.80 (329.50 to 330.50): E

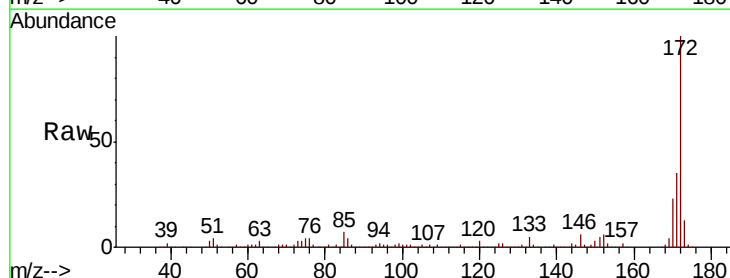
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.260 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF110288.D
 Acq: 30 Oct 2018 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.2	19.7	29.5

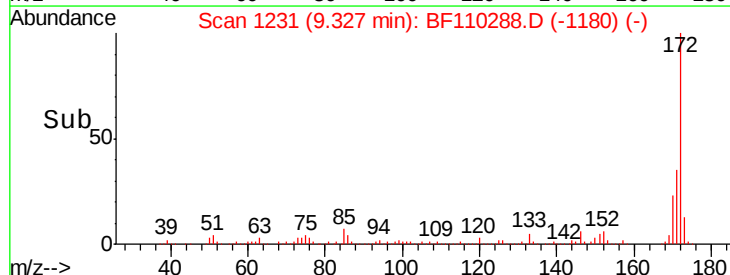
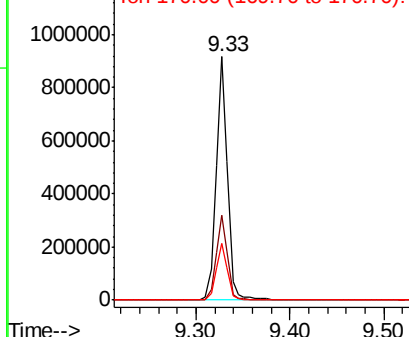


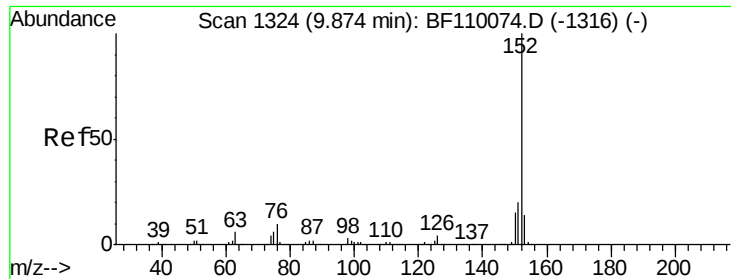
Abundance

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

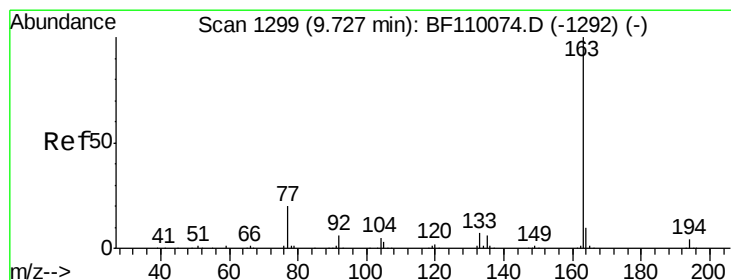
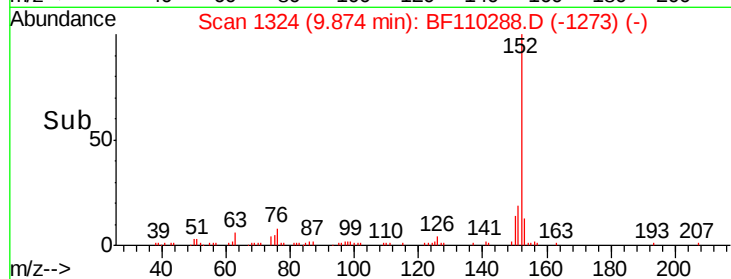
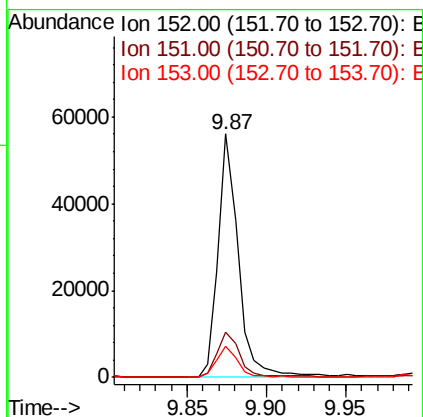
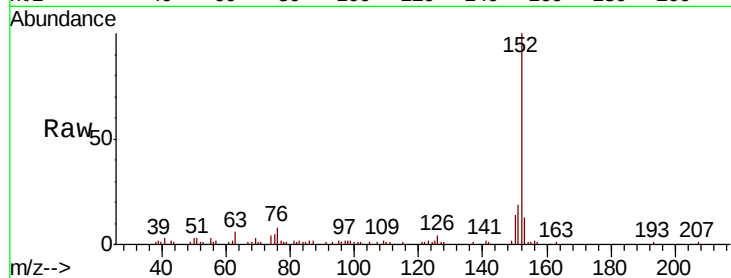




#49
Acenaphthylene
Concen: 3.544 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

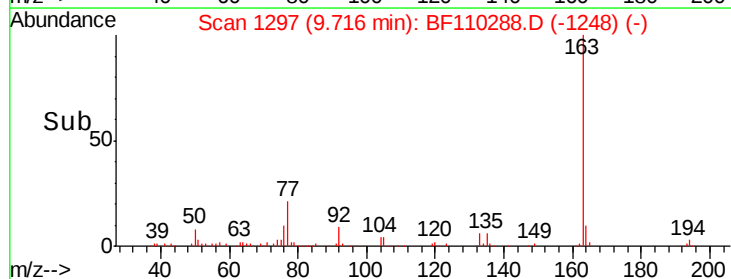
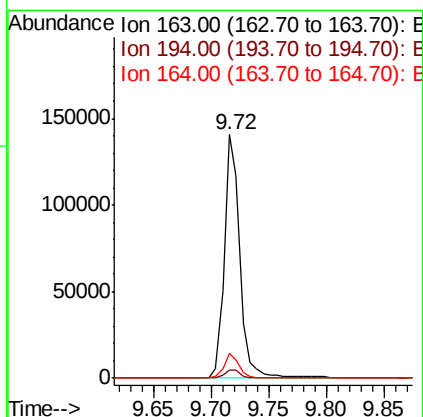
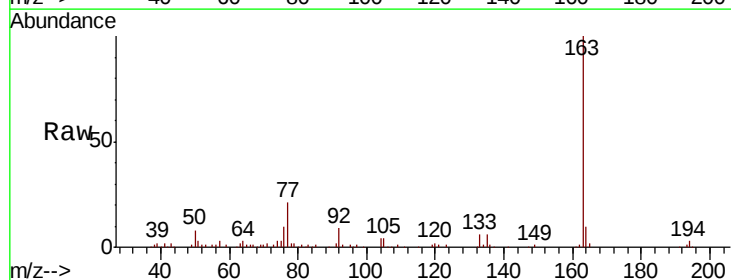
Instrument :
BNA_F
ClientSampleId :

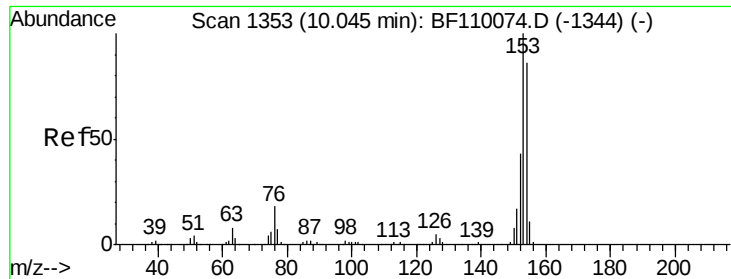
Tot Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.8	23.8
153	13.1	10.4	15.6



#50
Dimethylphthalate
Concen: 12.004 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.1	8.1	12.1





#52

Acenaphthene

Concen: 3.246 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

Instrument :

BNA_F

ClientSampled :

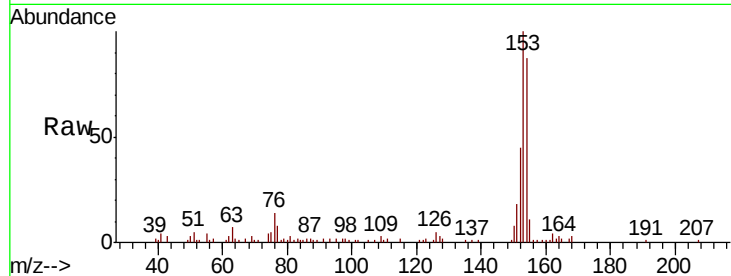
Tot Ion:154 Resp: 30539

Ion Ratio Lower Upper

154 100

153 114.8 90.1 135.1

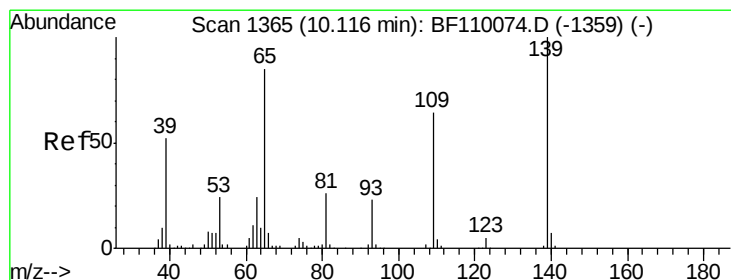
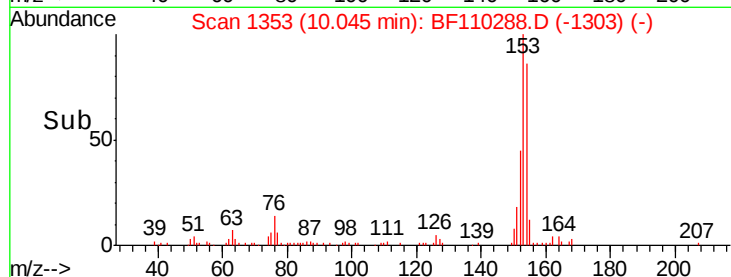
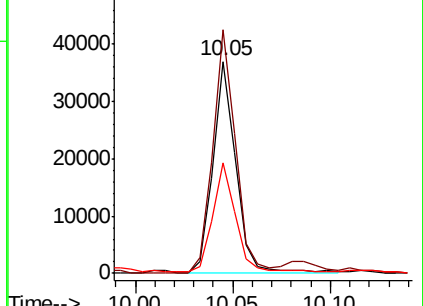
152 52.2 43.4 65.2



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



#56

4-Nitrophenol

Concen: 4.671 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.09 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

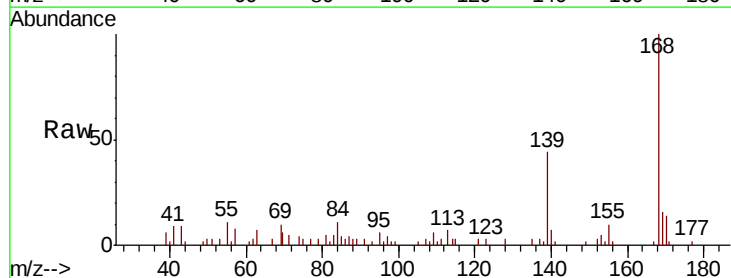
Tgt Ion:139 Resp: 9702

Ion Ratio Lower Upper

139 100

109 13.0 55.8 95.8#

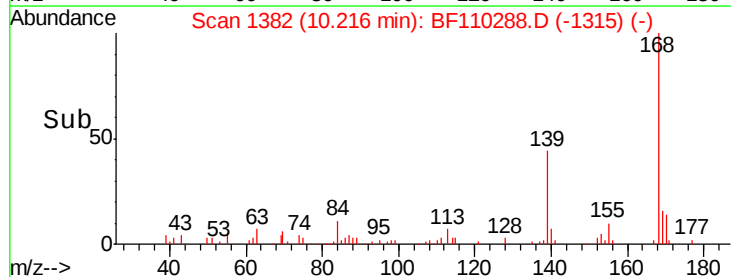
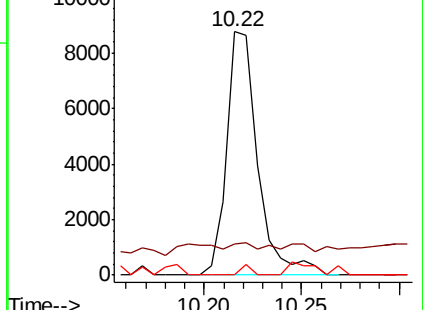
65 0.0 77.9 117.9#

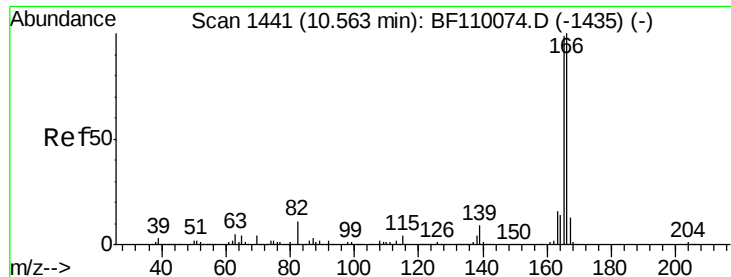


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

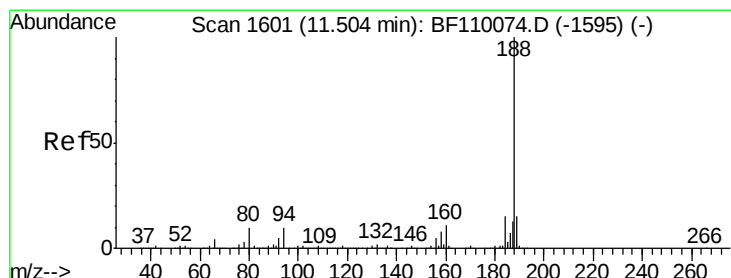
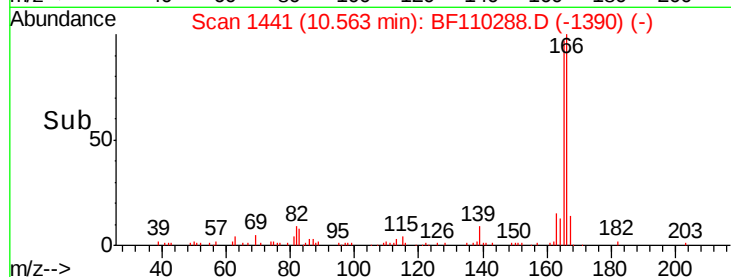
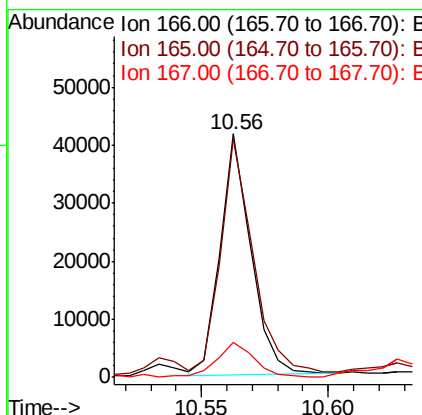
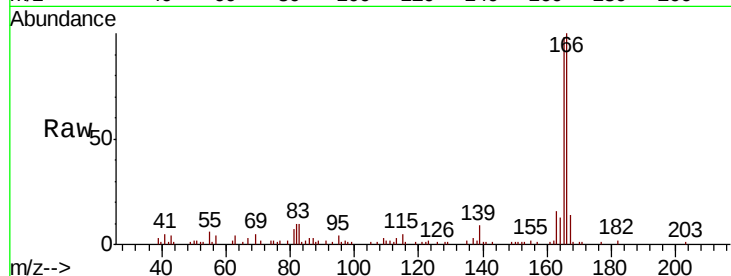




#58
 Fluorene
 Concen: 3.577 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF110288.D
 Acq: 30 Oct 2018 3:09

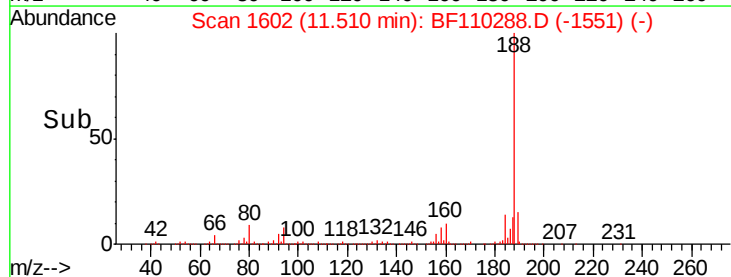
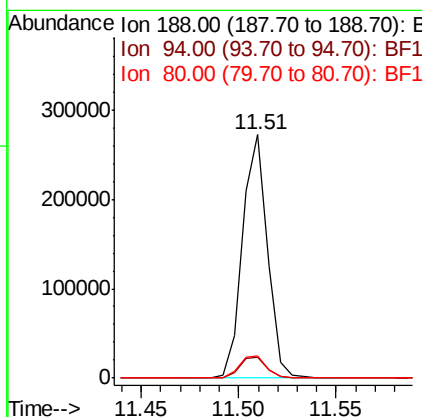
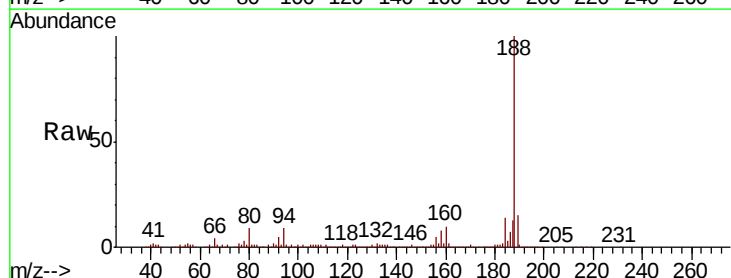
Instrument :
 BNA_F
 ClientSampleId :

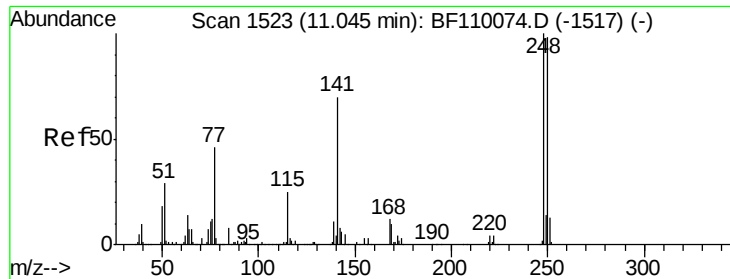
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	14.4	10.8	16.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF110288.D
 Acq: 30 Oct 2018 3:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.9	7.9	11.9

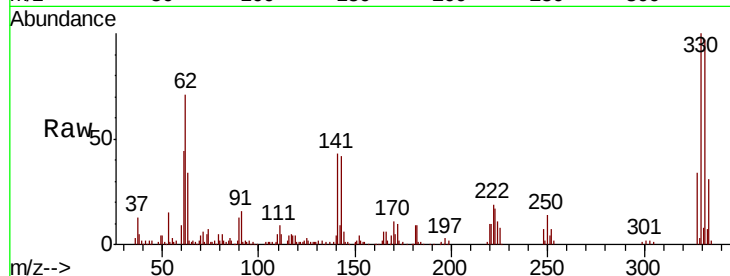




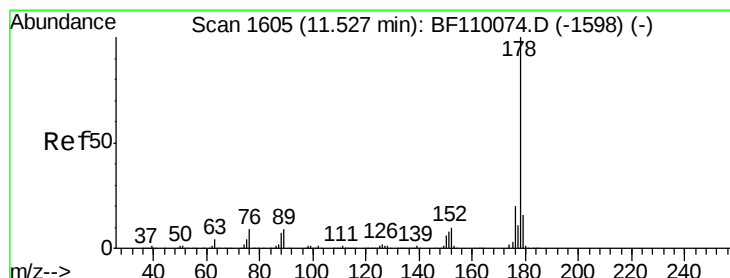
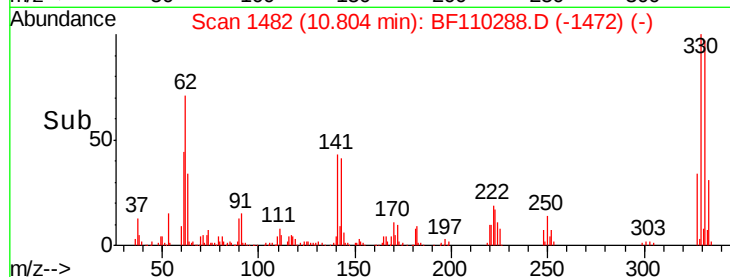
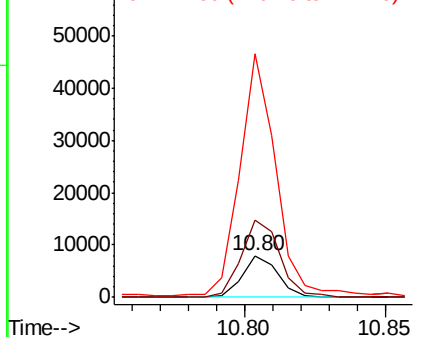
#67
4-Bromophenyl-phenylether
Concen: 2.670 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6978
Ion Ratio Lower Upper
248 100
250 186.4 79.4 119.2#
141 586.5 55.9 83.9#

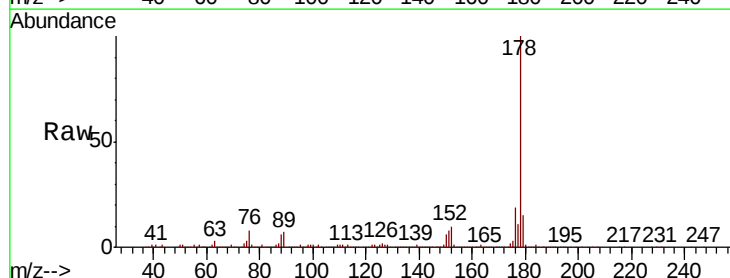


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

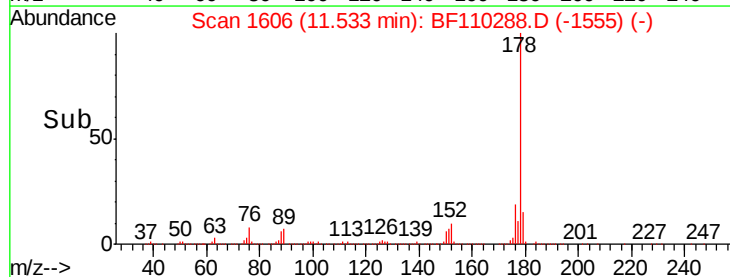
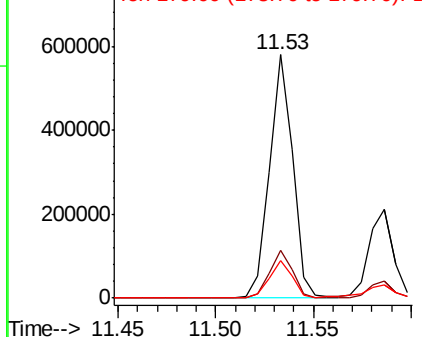


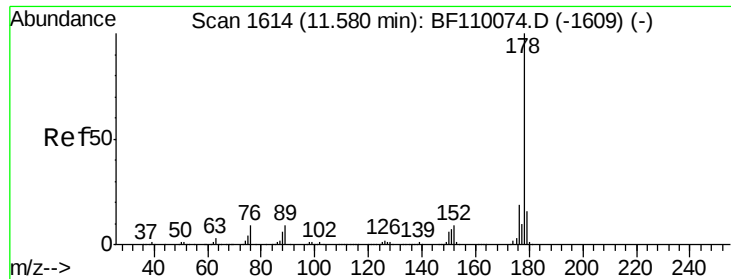
#71
Phenanthrene
Concen: 37.858 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion:178 Resp: 477349
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.5 12.5 18.7



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: 13.915 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

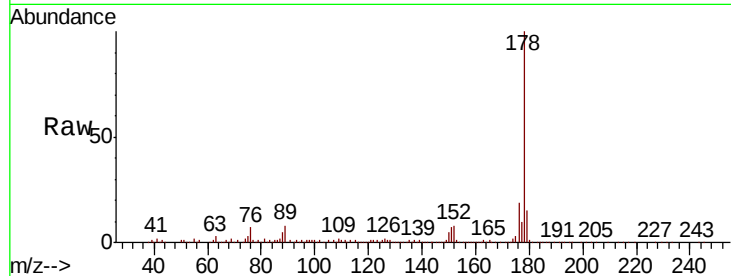
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 175864

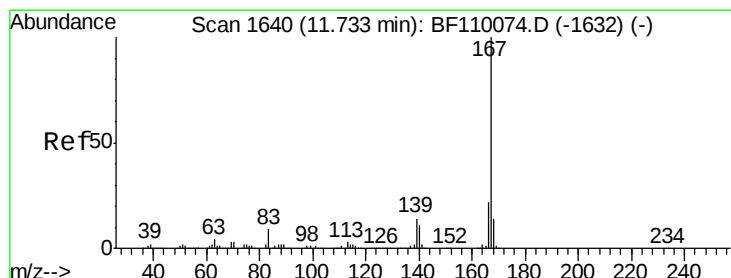
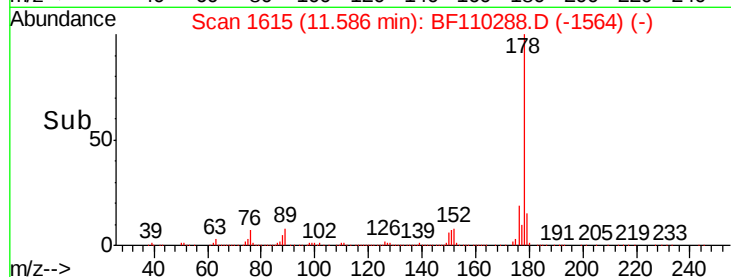
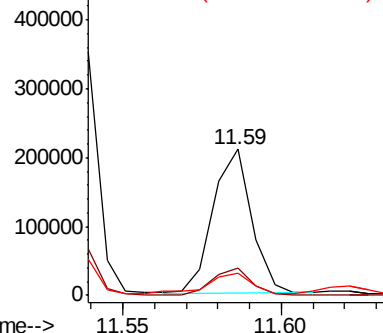
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.6	18.8



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: 3.752 ng

RT: 11.74 min Scan# 1641

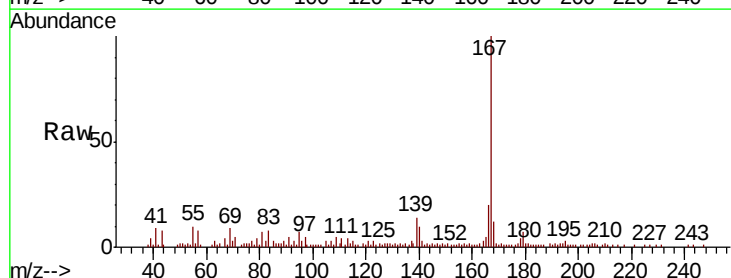
Delta R.T. 0.00 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

Tgt Ion:167 Resp: 46303

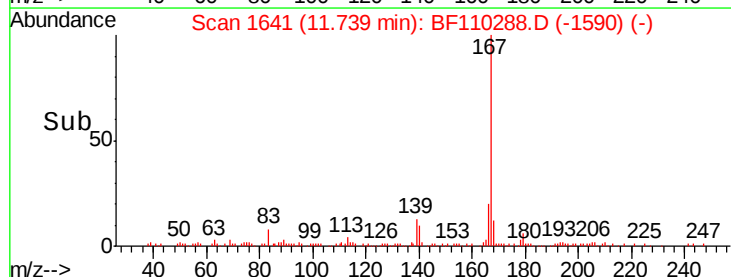
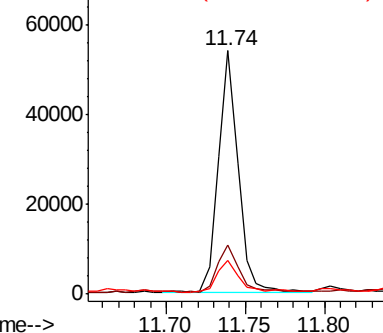
Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.4	26.0
139	13.9	10.9	16.3

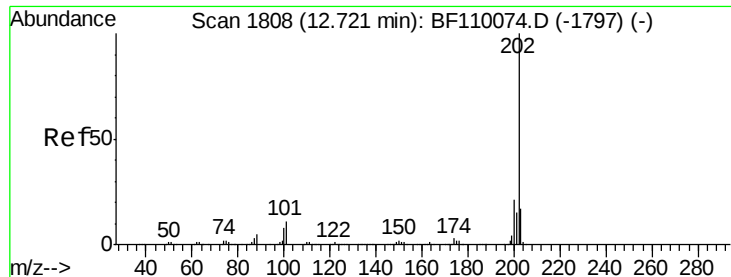


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 82.553 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

Instrument :

BNA_F

ClientSampleId :

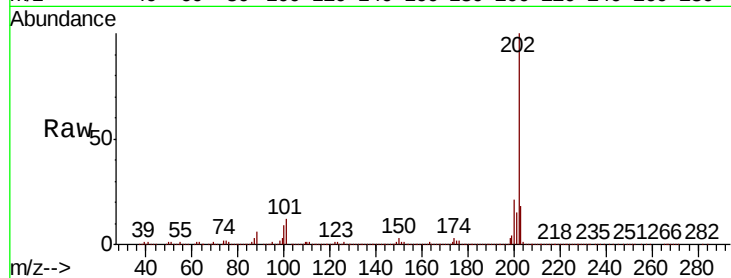
Tot Ion:202 Resp: 1056403

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

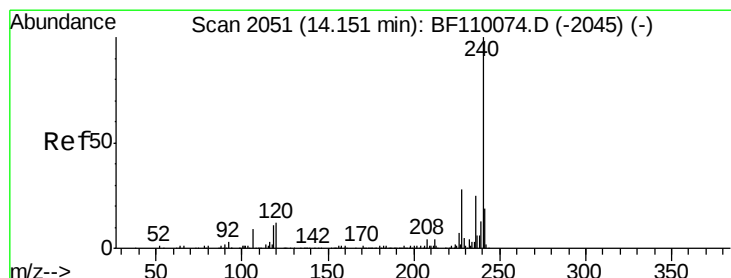
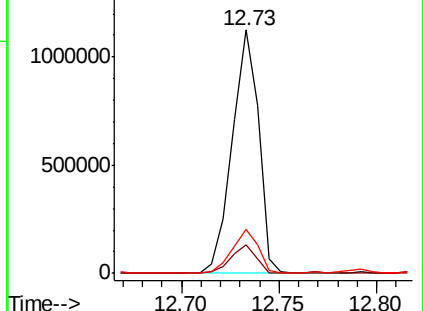
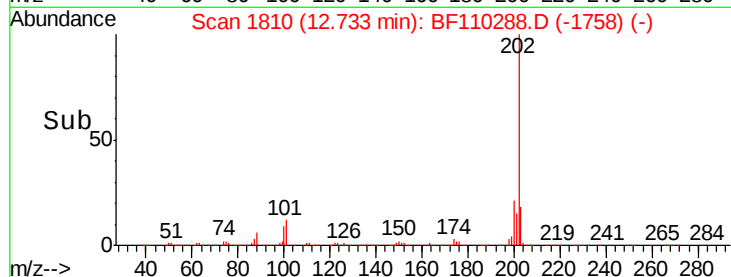
203 18.0 0.0 37.7



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: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

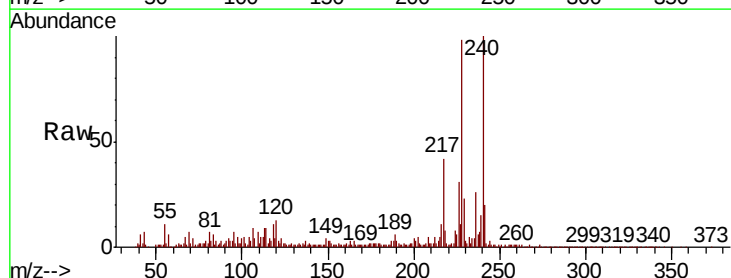
Tgt Ion:240 Resp: 142279

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

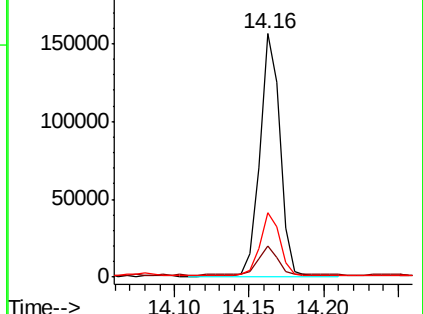
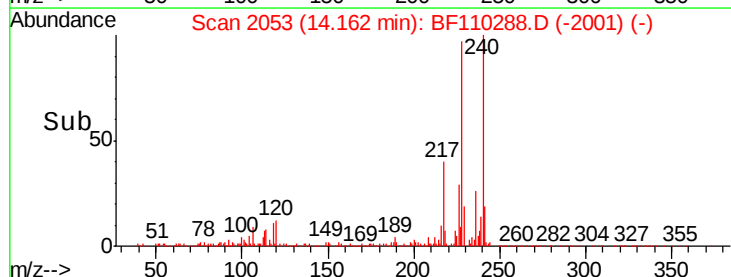
236 26.4 21.2 31.8

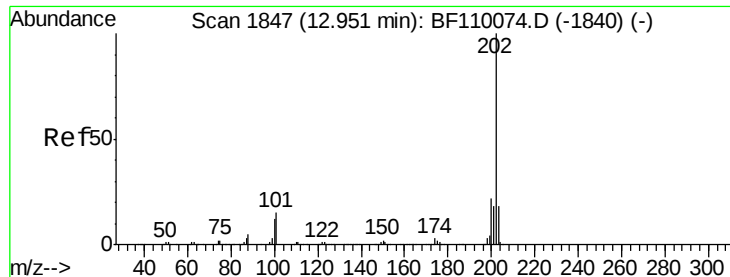


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

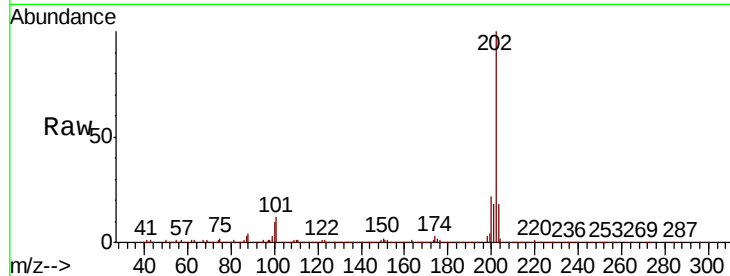




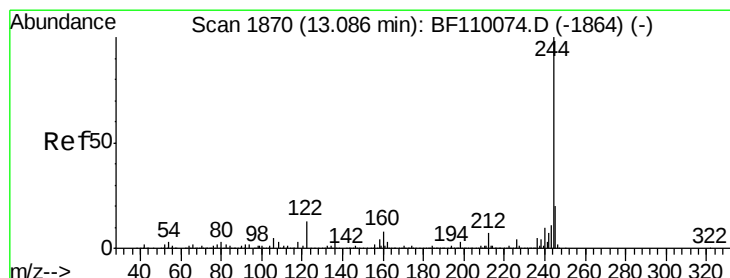
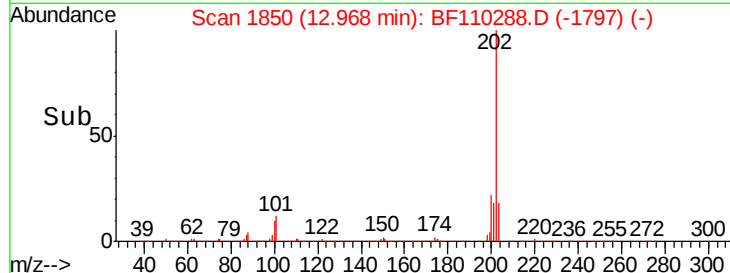
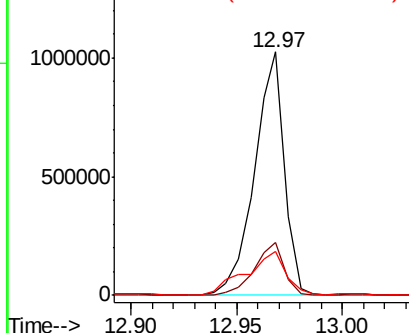
#78
Pvrene
Concen: 98.688 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1006634
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 18.1 14.2 21.4

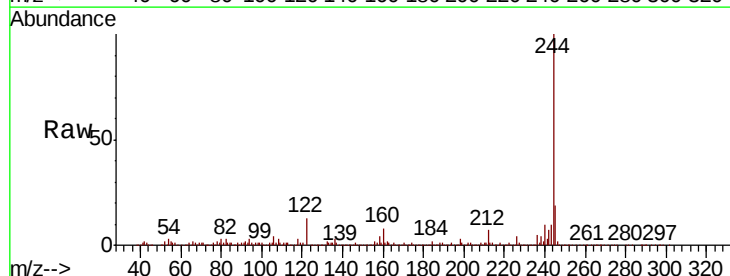


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

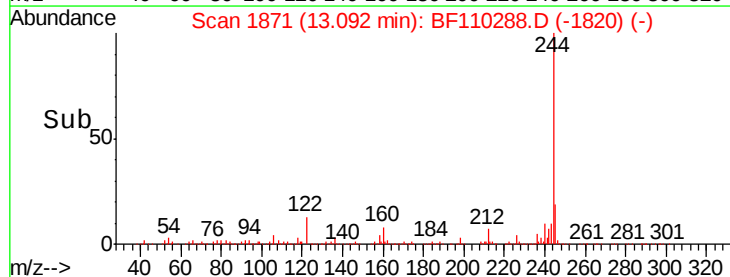
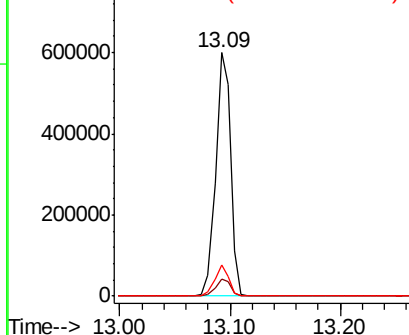


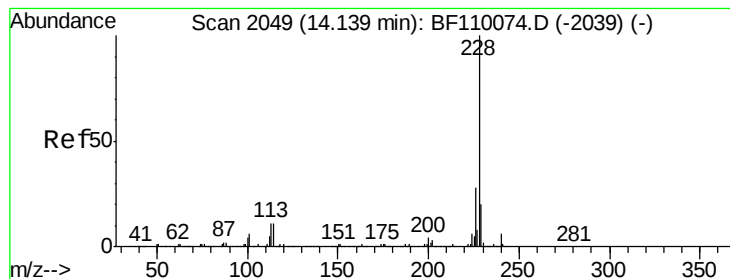
#79
Terphenyl-d14
Concen: 81.455 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion:244 Resp: 557260
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.7 8.7 13.1



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: 58.223 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

Instrument :

BNA_F

ClientSampleId :

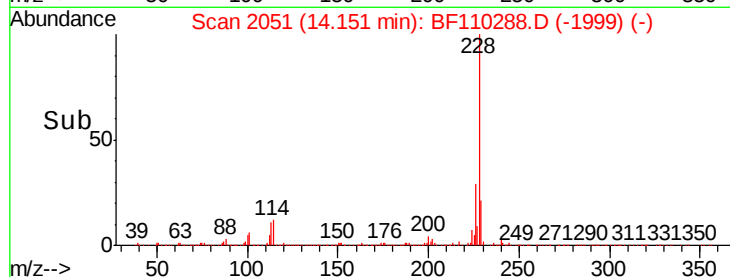
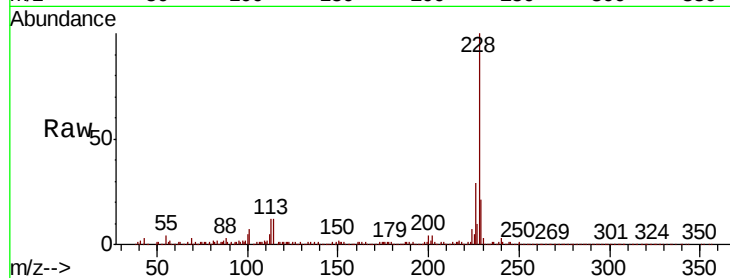
Tot Ion:228 Resp: 491250

Ion Ratio Lower Upper

228 100

226 29.0 22.1 33.1

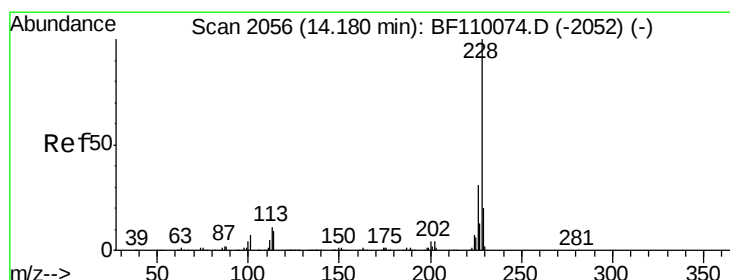
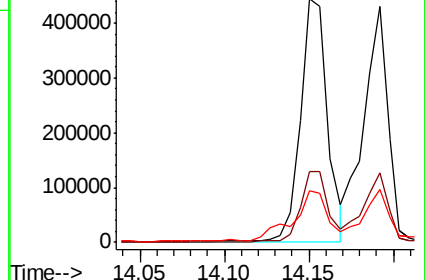
229 21.4 15.6 23.4



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: 53.282 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

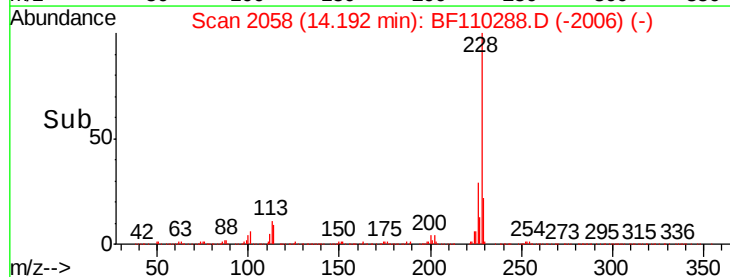
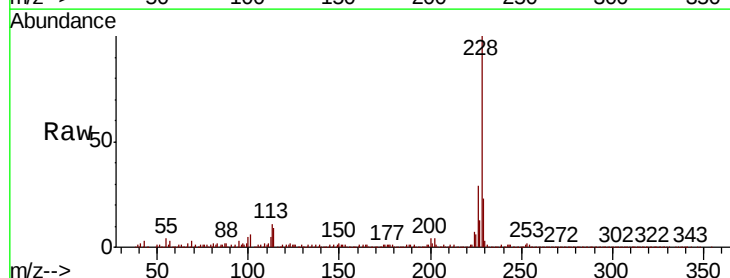
Tgt Ion:228 Resp: 426994

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

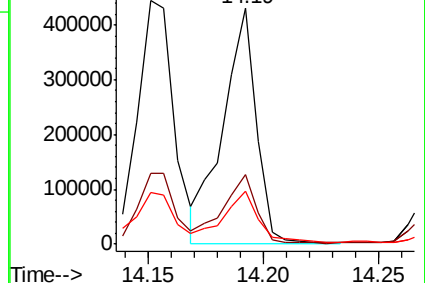
229 22.6 15.9 23.9

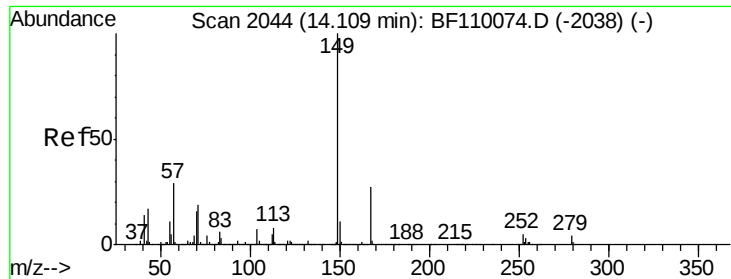


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.895 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

Instrument :

BNA_F

ClientSampleId :

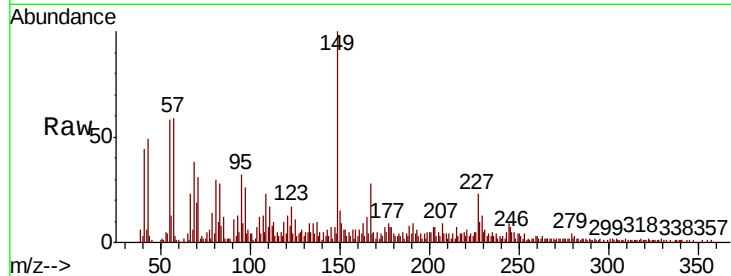
Tot Ion:149 Resp: 29296

Ion Ratio Lower Upper

149 100

167 27.7 19.8 29.8

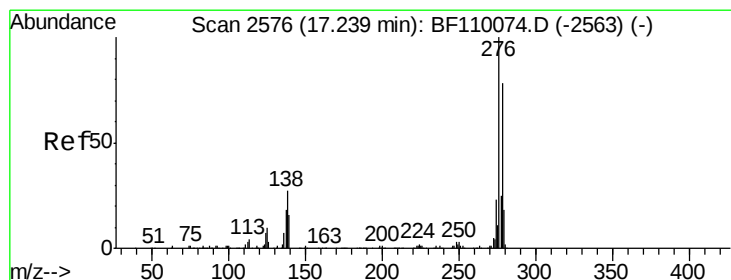
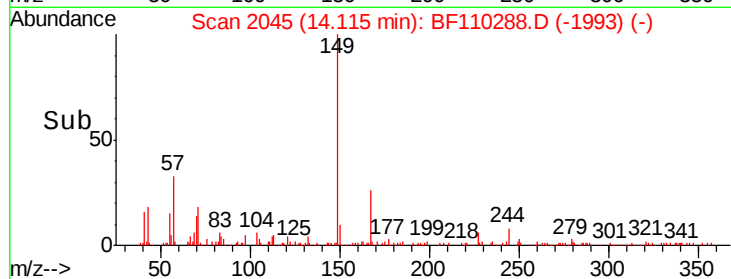
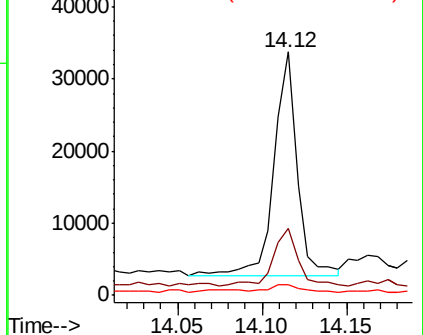
279 4.4 2.7 4.1#



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: 31.981 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF110288.D

Acq: 30 Oct 2018 3:09

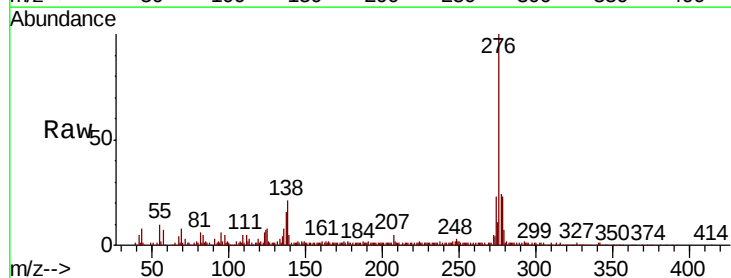
Tgt Ion:276 Resp: 212618

Ion Ratio Lower Upper

276 100

138 20.5 18.5 27.7

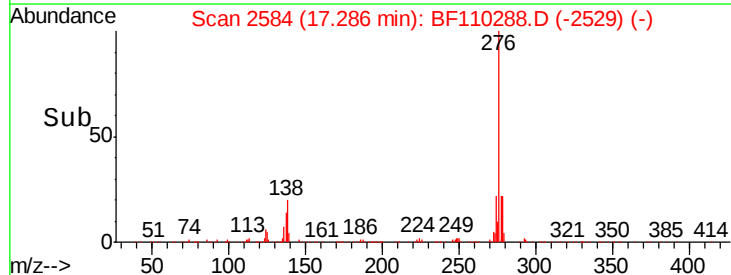
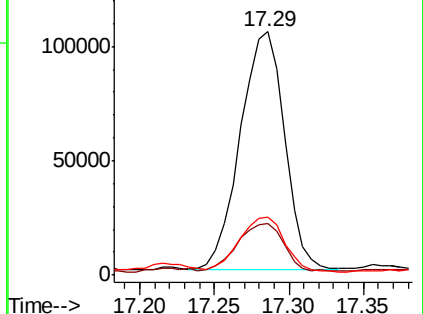
277 24.1 20.0 30.0

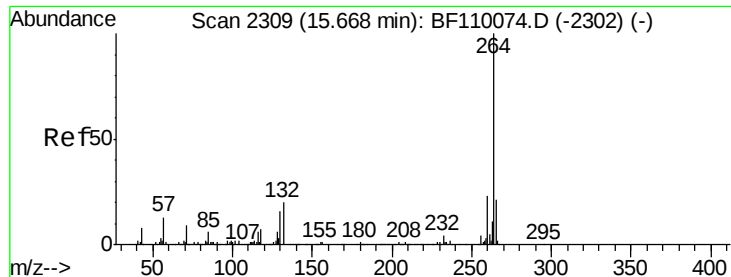


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

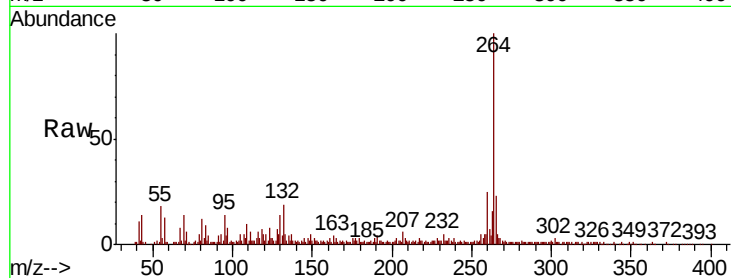




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.8	16.7	25.1

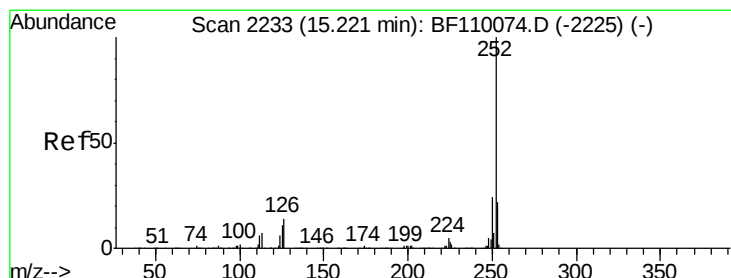
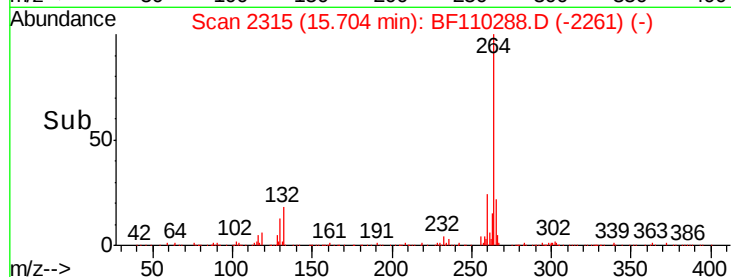
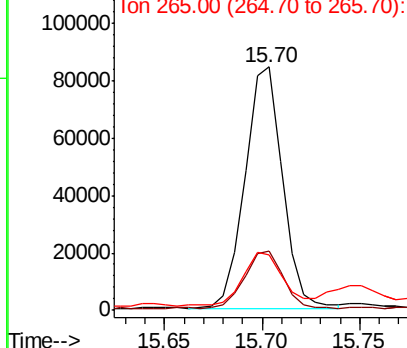


Abundance

Ion 264.00 (263.70 to 264.70): E

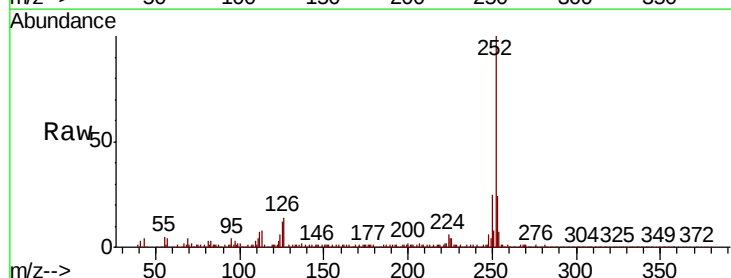
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 107.877 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	12.2	8.2	12.4

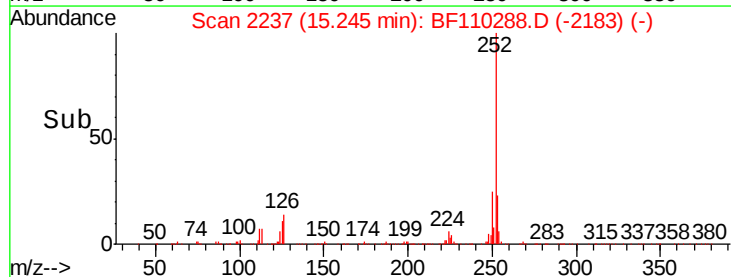
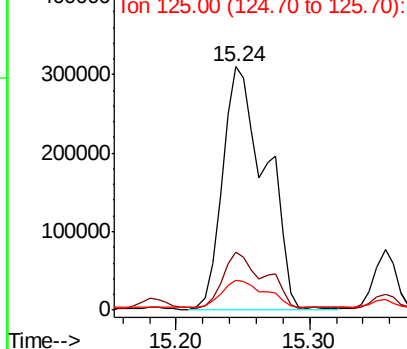


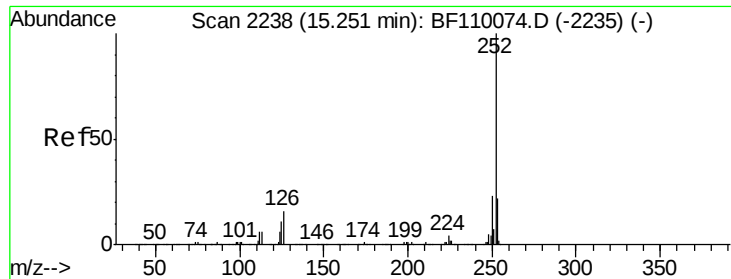
Abundance

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

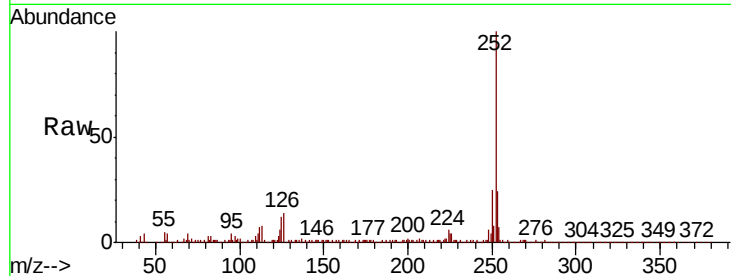




#89
Benzo(k)fluoranthene
Concen: 109.732 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	12.2	7.4	11.0

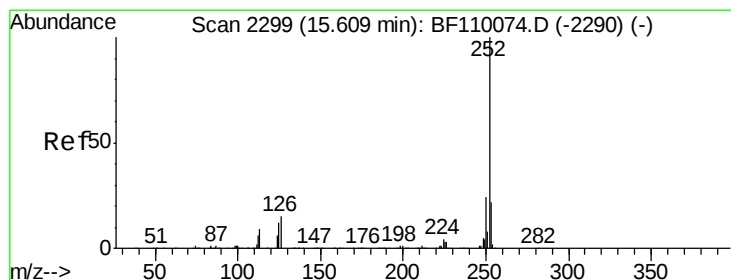
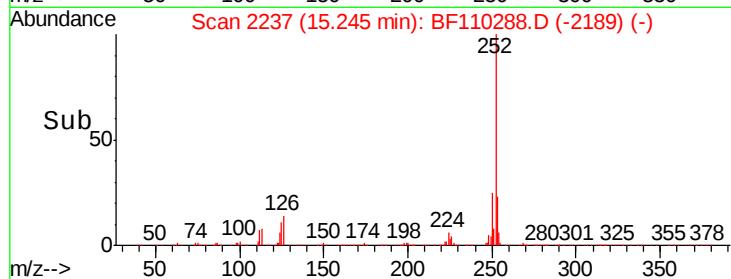
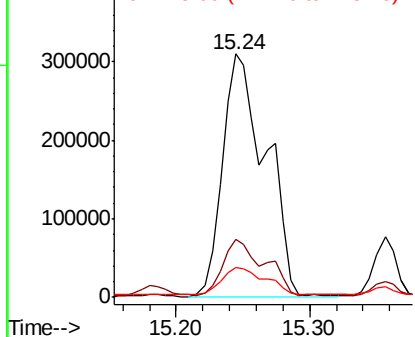


Abundance

Ion 252.00 (251.70 to 252.70): E

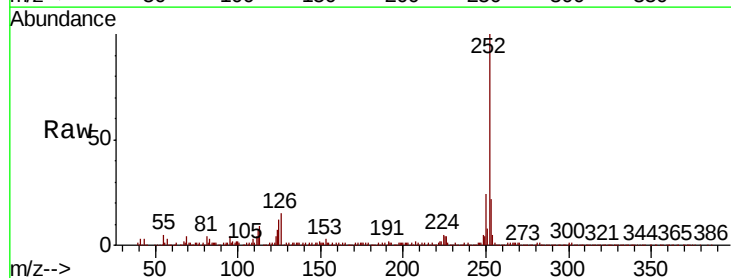
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 62.866 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.0	9.0	13.6

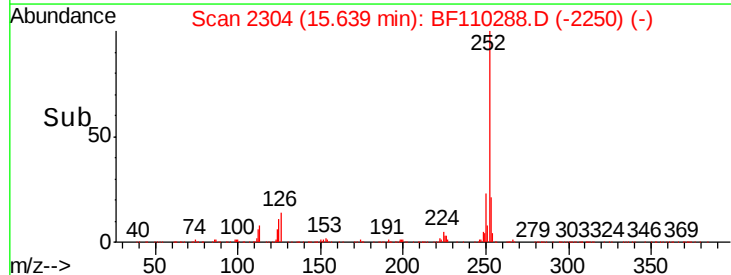
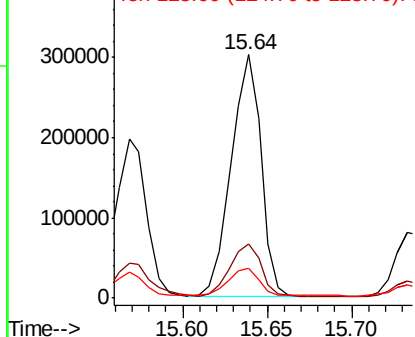


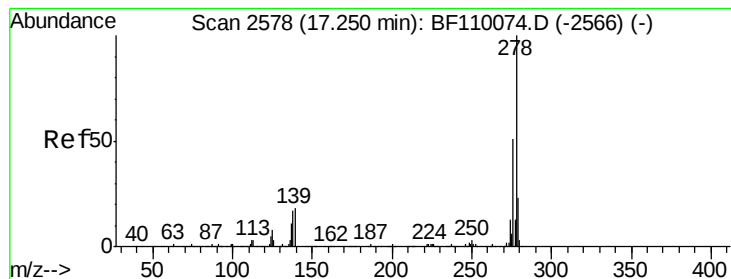
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

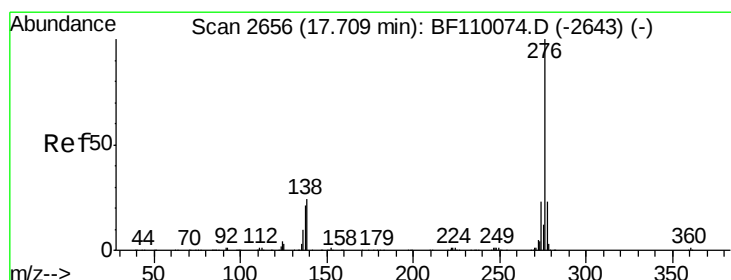
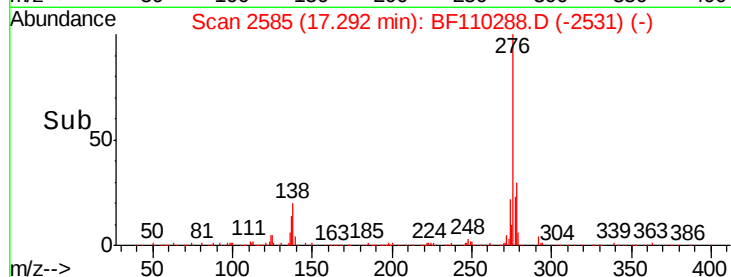
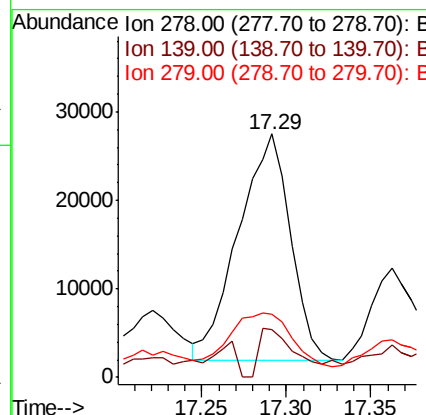
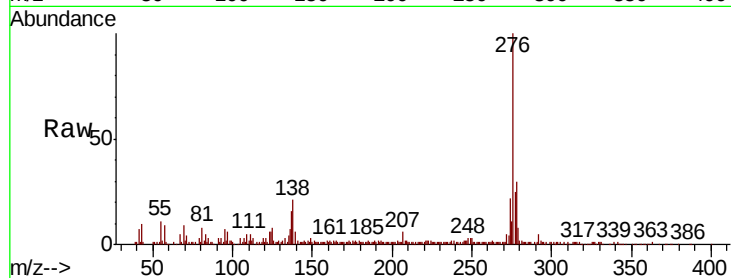




#91
Dibenzo(a,h)anthracene
Concen: 10.618 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.02 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.7	19.1#
279	25.8	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 40.702 ng
RT: 17.77 min Scan# 2666
Delta R.T. 0.03 min
Lab File: BF110288.D
Acq: 30 Oct 2018 3:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	22.8	16.0	24.0

