

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112021.D
 Acq On : 11 Jan 2019 17:55
 Operator : JU/SJ
 Sample : K1102-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:23:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129929	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	484520	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	229249	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	367090	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	303768	20.00	ng	-0.01
87) Perylene-d12	15.53	264	206989	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	758697	99.90	ng	-0.01
7) Phenol-d6	6.52	99	989229	101.06	ng	-0.01
23) Nitrobenzene-d5	7.43	82	638182	70.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	264112	88.57	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1130073	71.88	ng	-0.02
79) Terphenyl-d14	12.99	244	804635	50.28	ng	-0.01

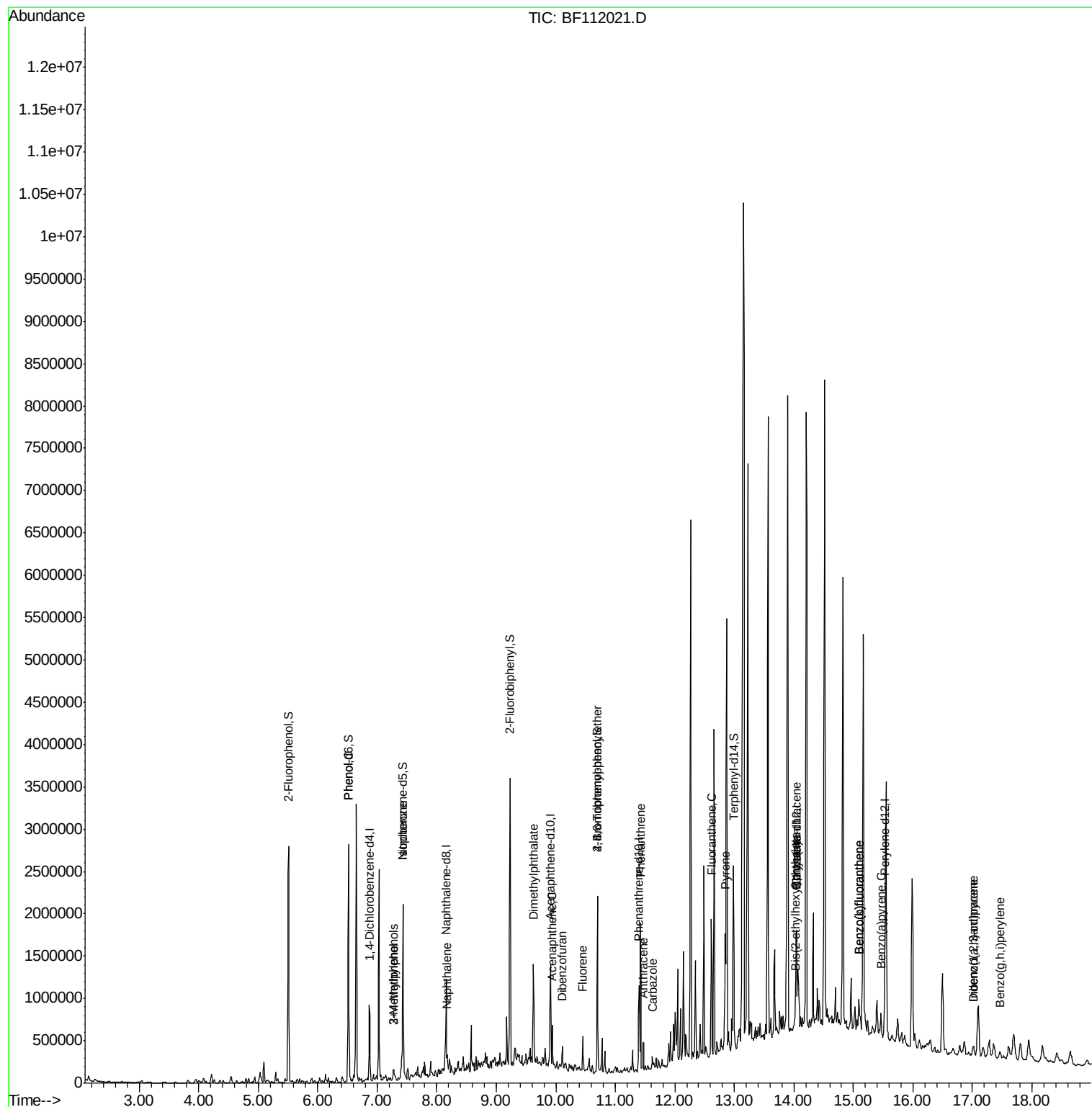
Target Compounds				Qvalue		
10) Phenol	6.53	94	67756	6.369	ng	85
17) 2-Methylphenol	7.28	107	24416	3.602	ng	# 71
20) 3+4-Methylphenols	7.28	107	24416	2.895	ng	# 63
25) Isophorone	7.43	82	628831	42.835	ng	# 65
31) Naphthalene	8.17	128	63084	2.743	ng	98
50) Dimethylphthalate	9.62	163	329264	19.120	ng	98
52) Acenaphthene	9.95	154	94500	6.588	ng	96
55) Dibenzofuran	10.12	168	85865	4.116	ng	96
58) Fluorene	10.46	166	94063	6.197	ng	98
67) 4-Bromophenyl-phenylether	10.70	248	15741	3.311	ng	# 1
71) Phenanthrene	11.42	178	582560	29.682	ng	99
72) Anthracene	11.47	178	139318	6.993	ng	98
73) Carbazole	11.62	167	46064	2.377	ng	96
75) Fluoranthene	12.62	202	642422	31.885	ng	99
78) Pyrene	12.85	202	543805	26.018	ng	99
81) Benzo(a)anthracene	14.03	228	289551	16.562	ng	98
83) Chrysene	14.03	228	289551	17.371	ng	95
84) Bis(2-ethylhexyl)phthalate	14.02	149	30649	2.641	ng	# 91
86) Indeno(1,2,3-cd)pyrene	17.01	276	73361	6.037	ng	97
88) Benzo(b)fluoranthene	15.09	252	304884	24.623	ng	# 94
89) Benzo(k)fluoranthene	15.09	252	304884	26.195	ng	# 96
90) Benzo(a)pyrene	15.46	252	149803	13.760	ng	# 96
91) Dibenzo(a,h)anthracene	17.02	278	20086	2.294	ng	# 76
92) Benzo(g,h,i)perylene	17.46	276	68104	7.952	ng	99

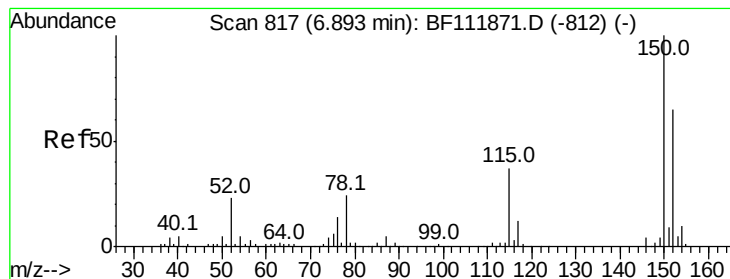
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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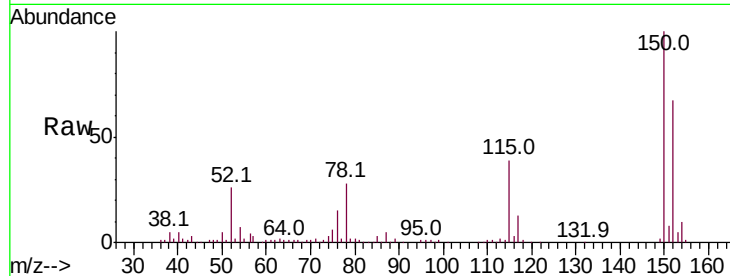


#1

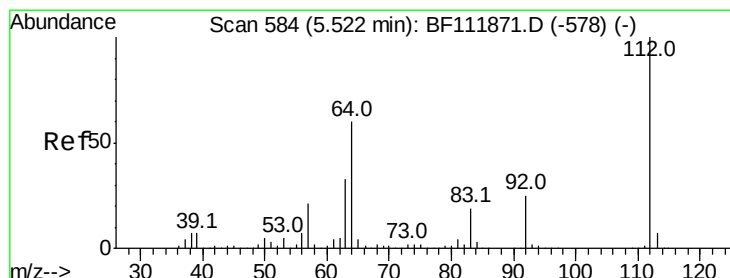
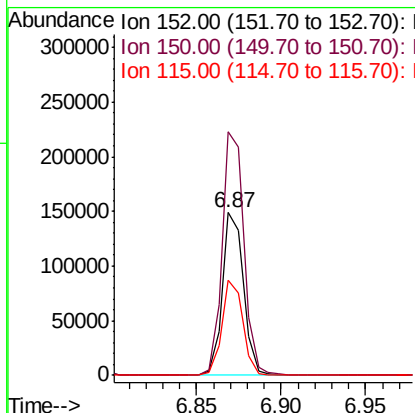
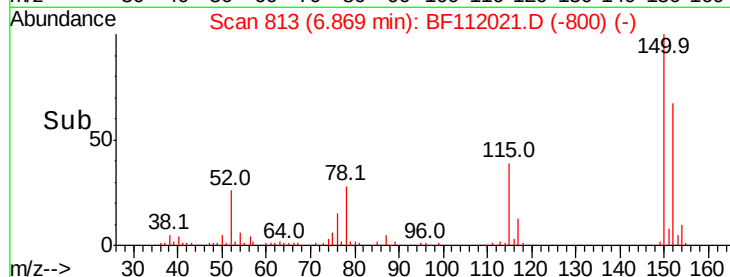
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129929
Ion Ratio Lower Upper
152 100
150 149.9 122.7 184.1
115 58.6 45.2 67.8



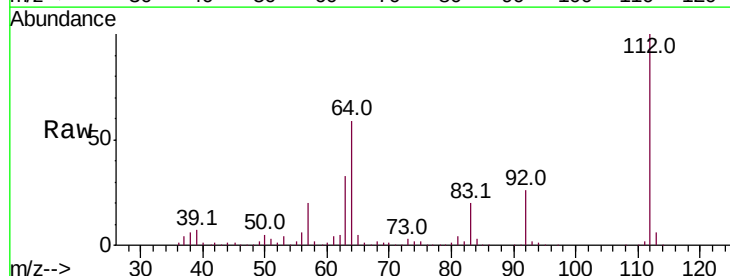
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



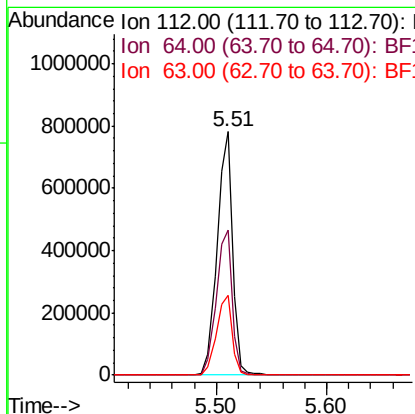
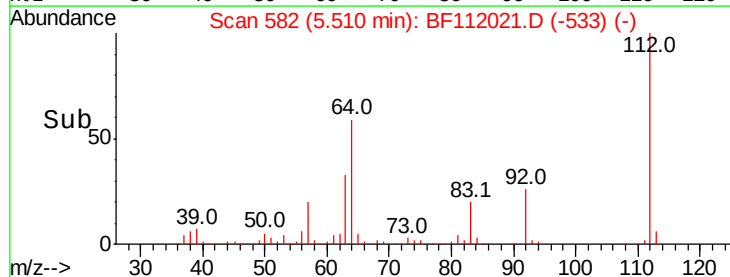
#5

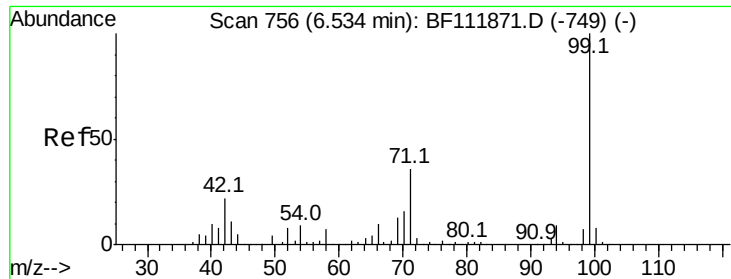
2-Fluorophenol
Concen: 99.900 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

Tgt Ion:112 Resp: 758697
Ion Ratio Lower Upper
112 100
64 59.4 48.3 72.5
63 32.7 26.1 39.1



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: 101.060 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

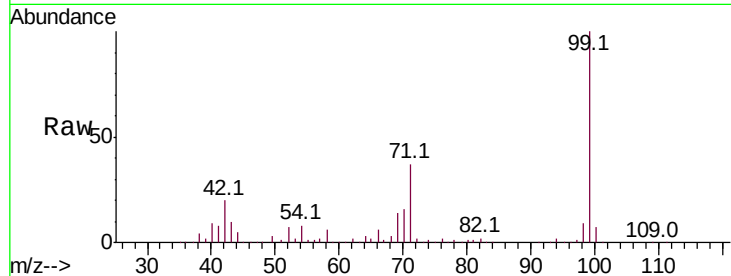
Tot Ion: 99 Resp: 989229

Ion Ratio Lower Upper

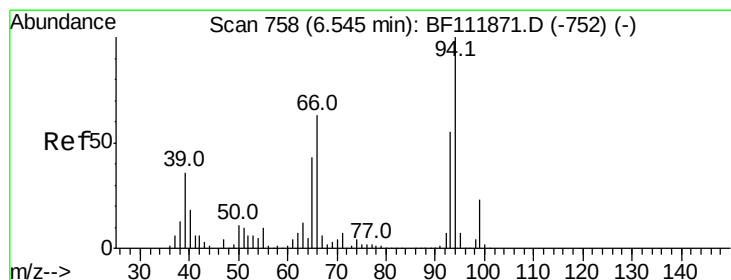
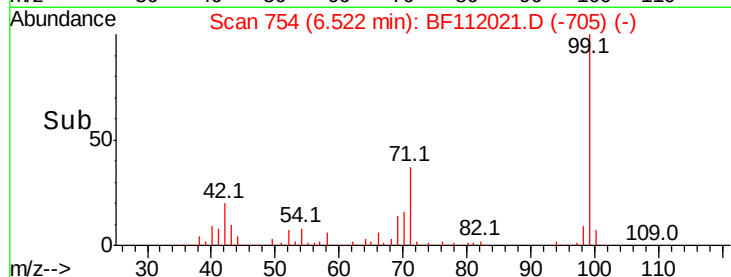
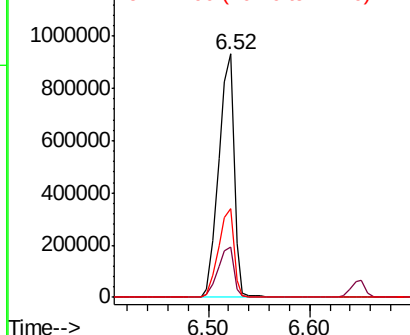
99 100

42 20.4 17.9 26.9

71 36.5 28.7 43.1



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: 6.369 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

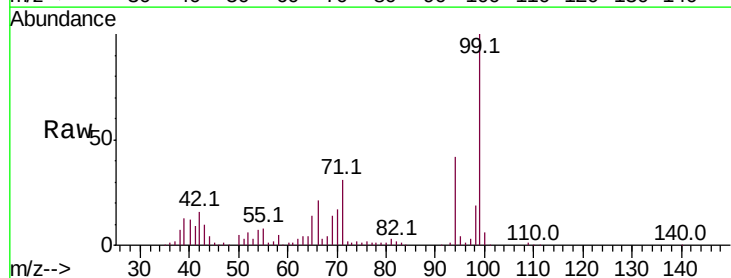
Tgt Ion: 94 Resp: 67756

Ion Ratio Lower Upper

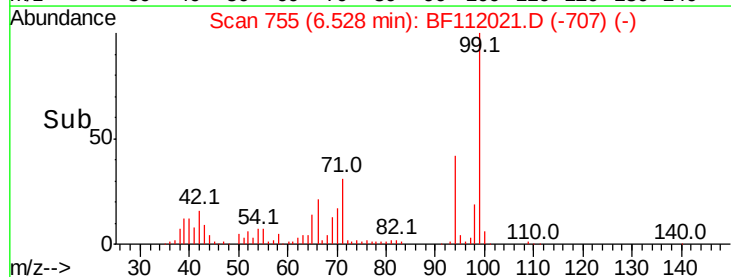
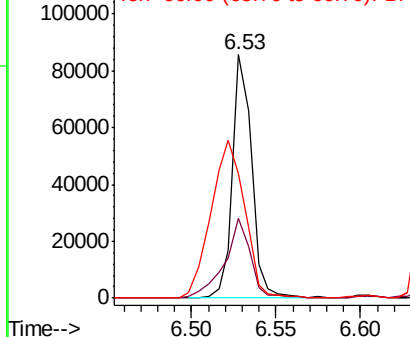
94 100

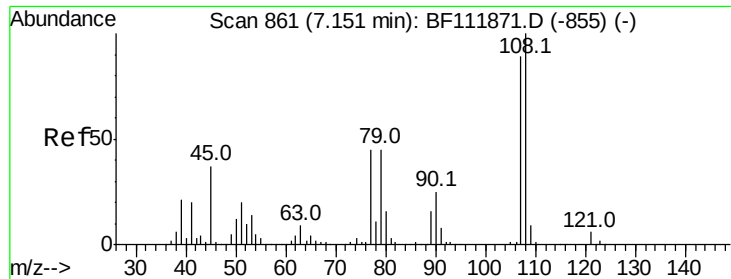
65 33.0 22.8 62.8

66 51.3 43.3 83.3



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





#17

2-Methylphenol

Concen: 3.602 ng

RT: 7.28 min Scan# 883

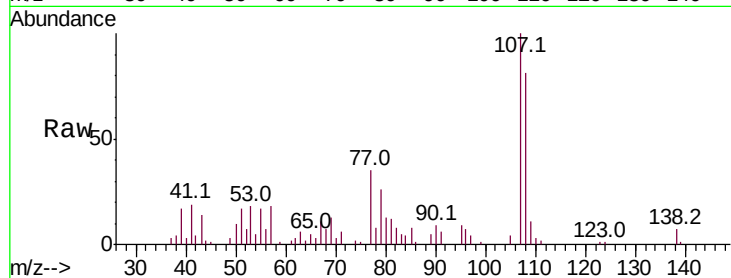
Delta R.T. 0.13 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	24416
Ion	Ratio	Lower	Upper
107	100		
108	81.4	89.7	134.5#
77	34.7	40.6	60.8#
79	26.2	40.2	60.2#



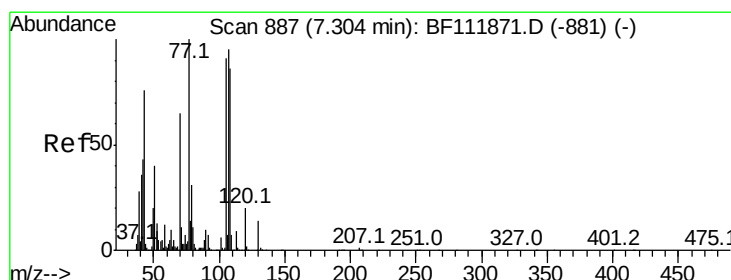
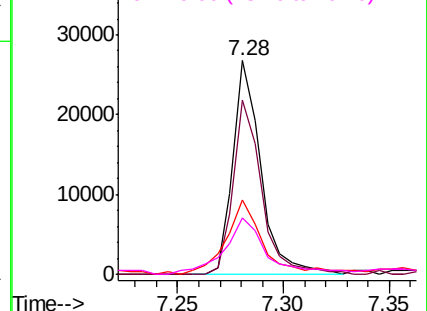
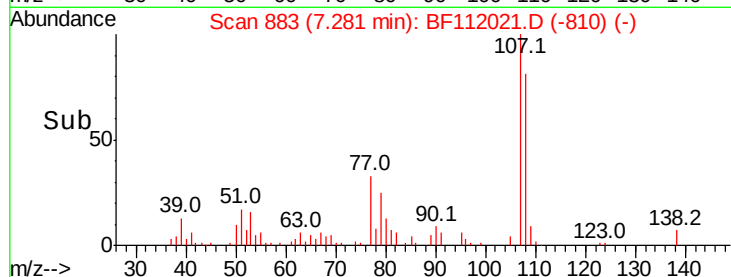
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20

3+4-Methylphenols

Concen: 2.895 ng

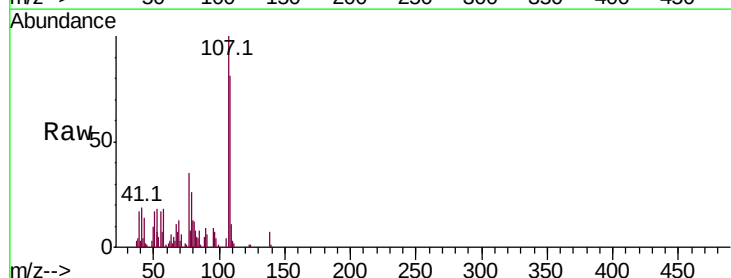
RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Tgt Ion:	107	Resp:	24416
Ion	Ratio	Lower	Upper
107	100		
108	81.4	71.1	111.1
77	34.7	85.4	125.4#
79	26.2	12.4	52.4



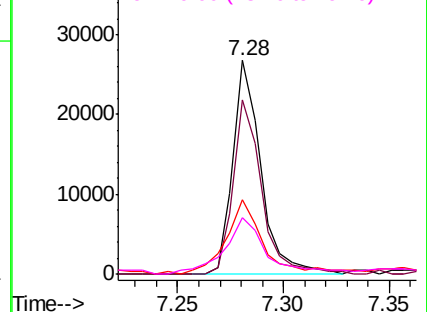
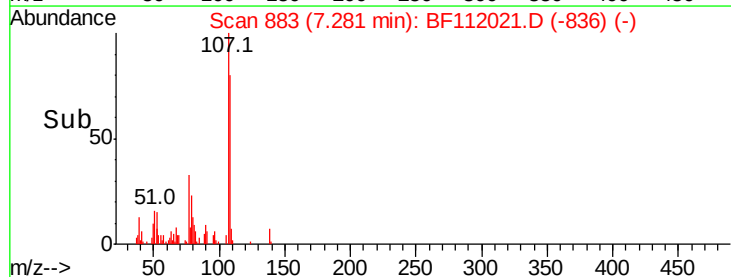
Abundance

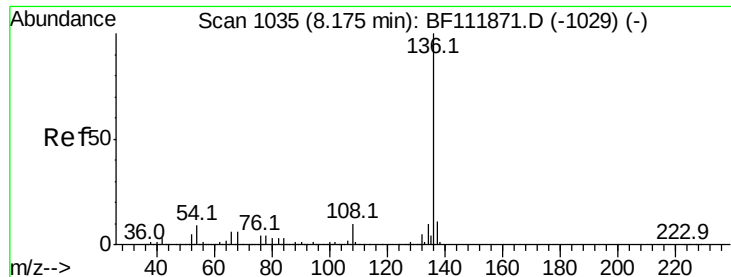
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

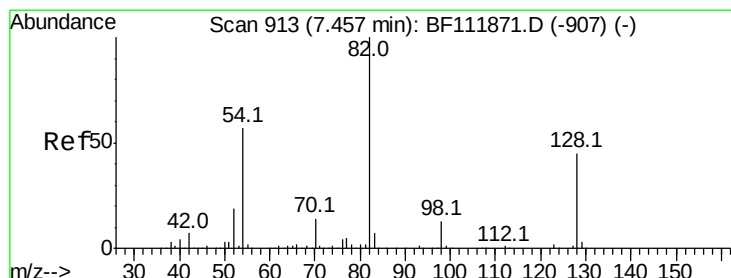
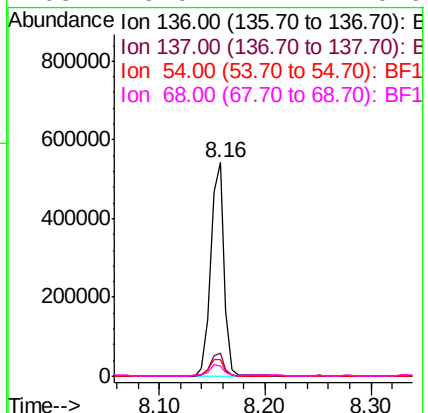
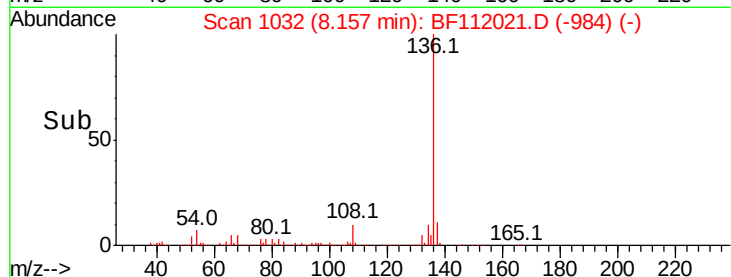
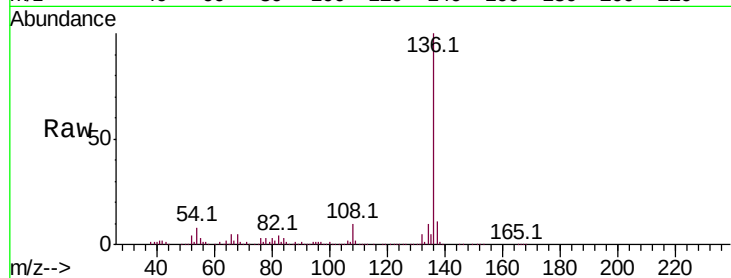




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

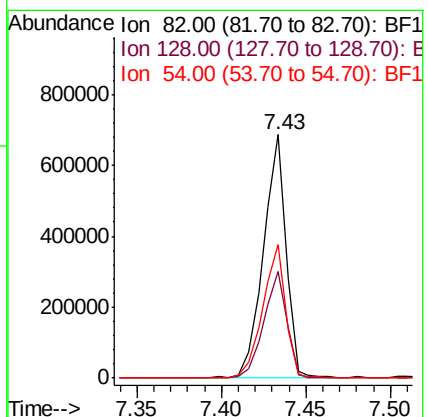
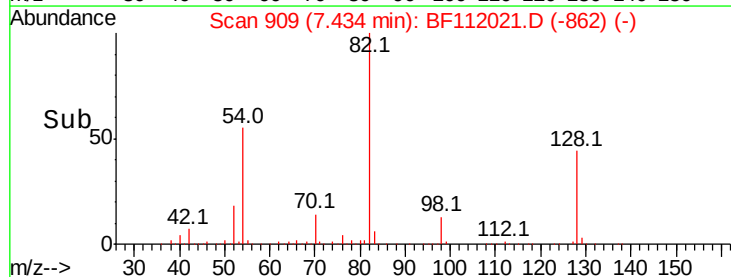
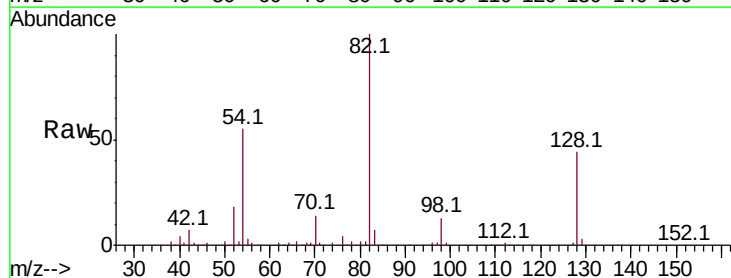
Instrument :
BNA_F
ClientSampleId :

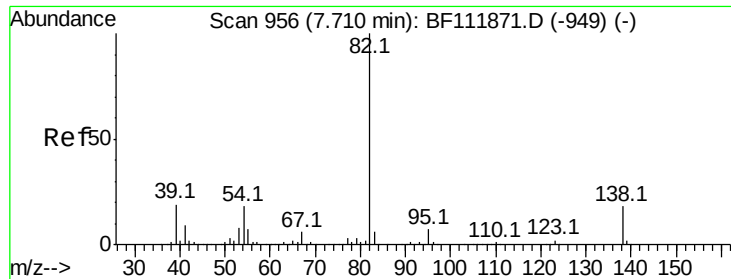
Tot Ion:136	Resp:	484520
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	7.6	7.2 10.8
68	5.0	4.4 6.6



#23
Nitrobenzene-d5
Concen: 70.395 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

Tgt Ion: 82	Resp:	638182
Ion Ratio	Lower	Upper
82	100	
128	44.0	35.7 53.5
54	54.7	45.8 68.8





#25

Isophorone

Concen: 42.835 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampled :

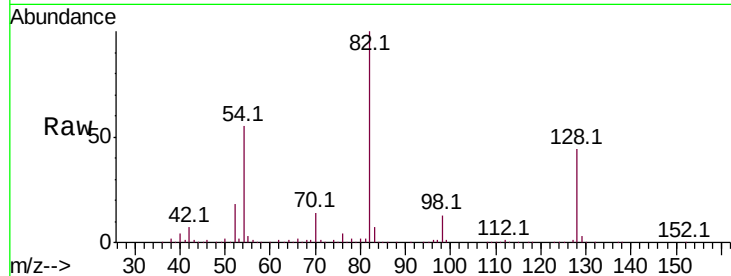
Tot Ion: 82 Resp: 628831

Ion Ratio Lower Upper

82 100

95 0.4 5.8 8.6#

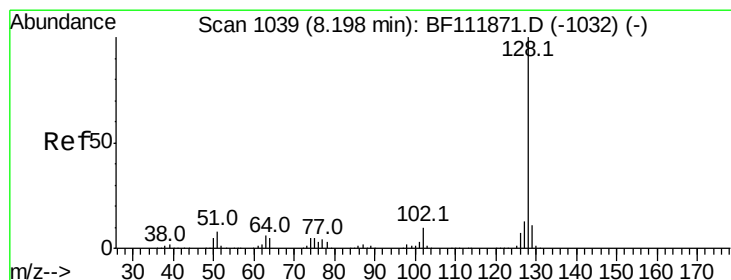
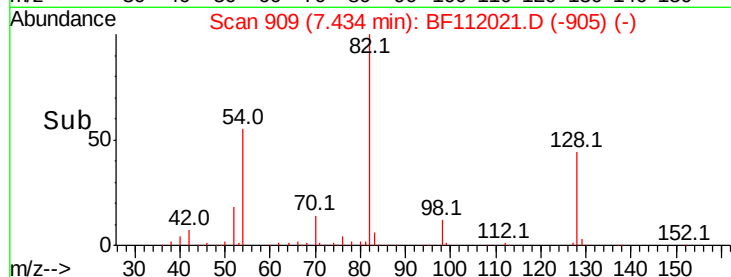
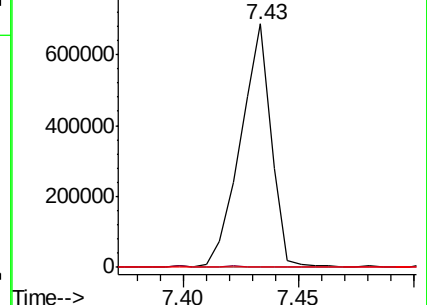
138 0.1 14.4 21.6#



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: 2.743 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

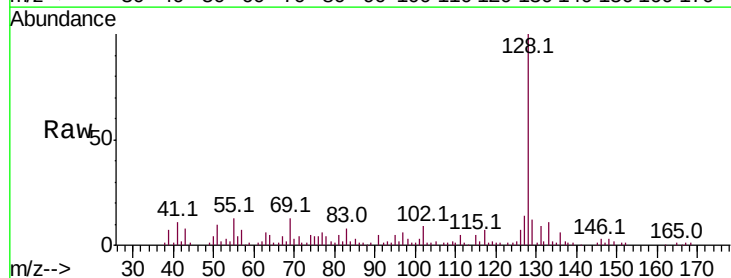
Tgt Ion: 128 Resp: 63084

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.4

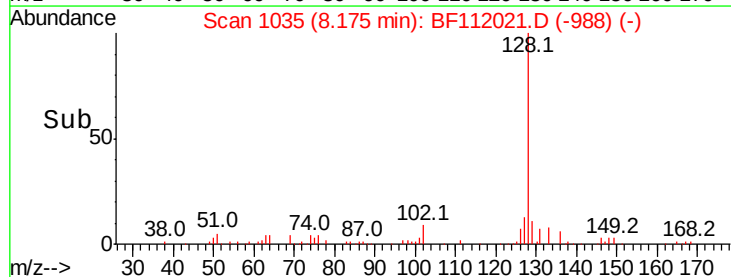
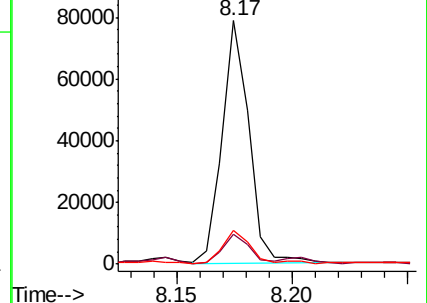
127 13.7 10.7 16.1

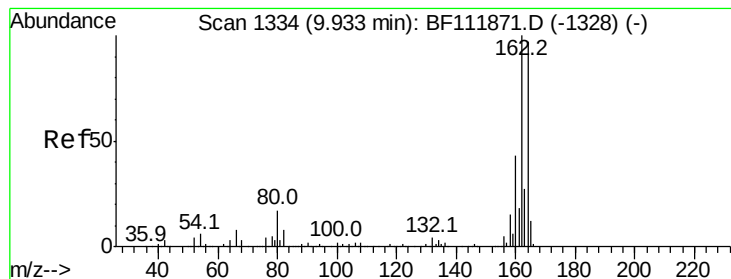


Abundance Ion 128.00 (127.70 to 128.70): E

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: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

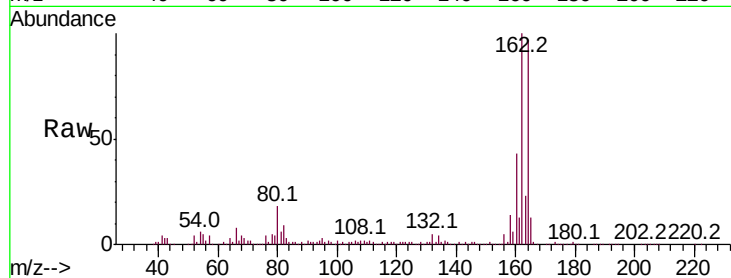
Tot Ion:164 Resp: 229249

Ion Ratio Lower Upper

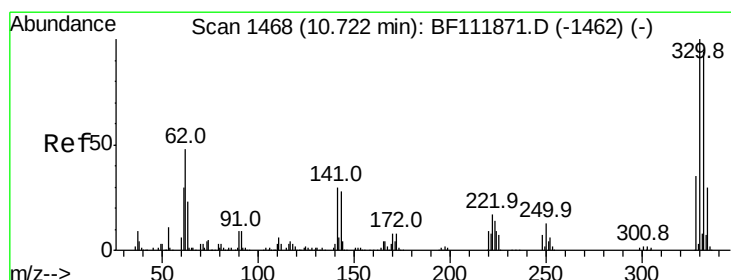
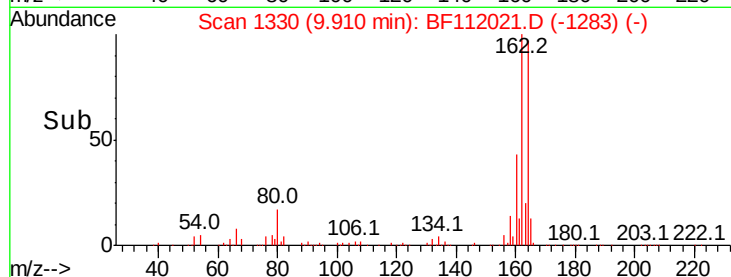
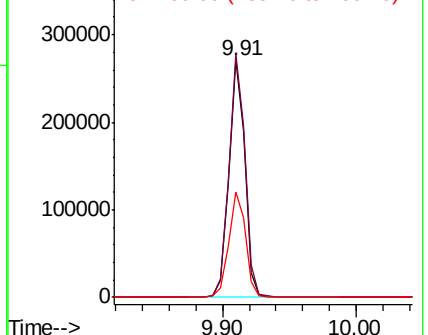
164 100

162 102.9 82.2 123.2

160 44.7 35.5 53.3



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: 88.574 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

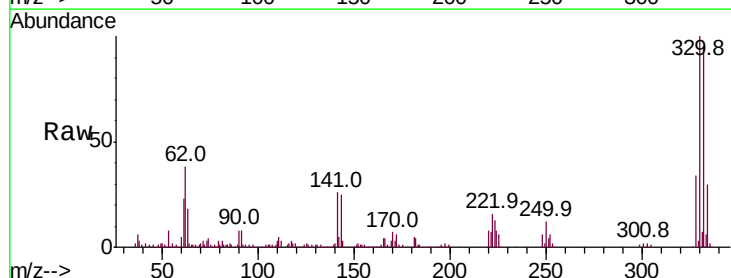
Tgt Ion:330 Resp: 264112

Ion Ratio Lower Upper

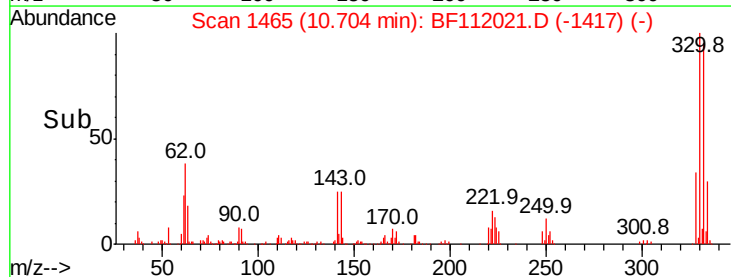
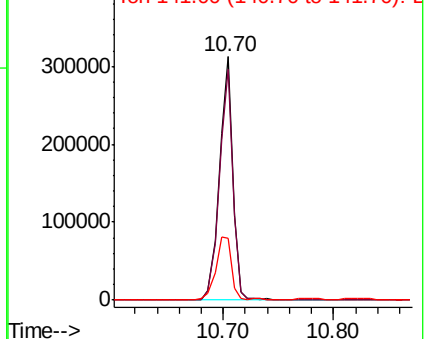
330 100

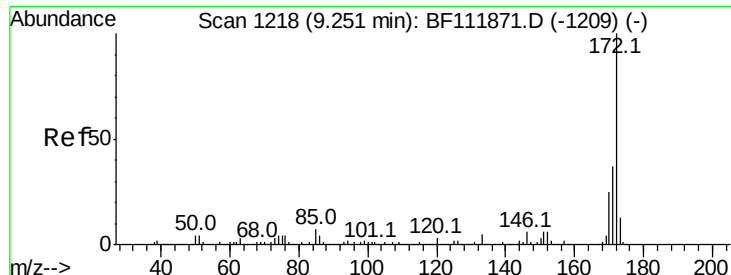
332 95.8 76.9 115.3

141 29.7 23.7 35.5



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

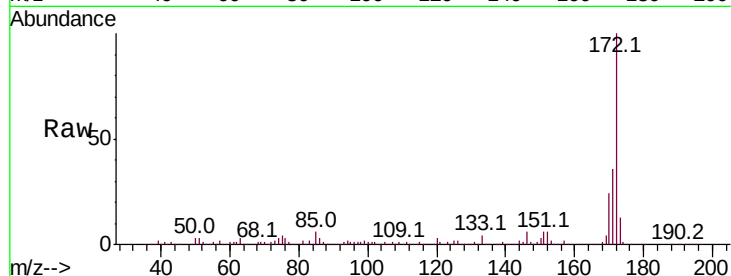




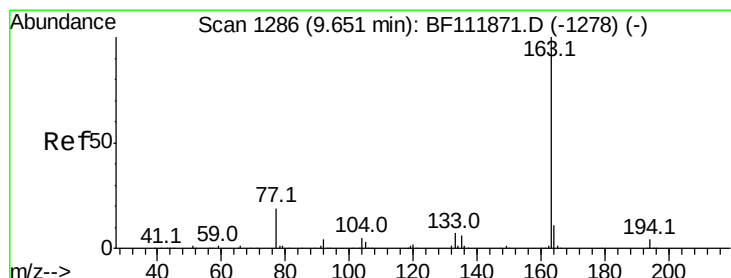
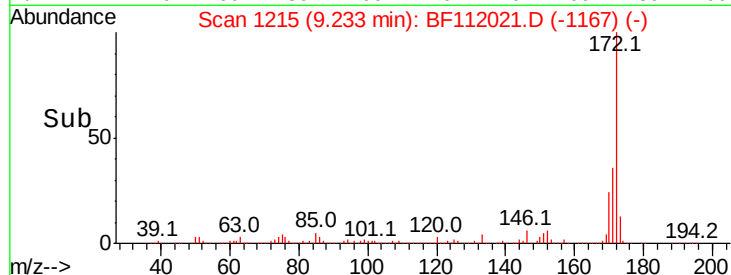
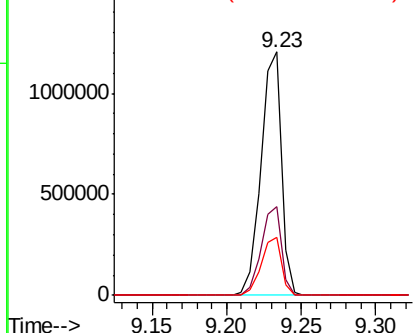
#45
2-Fluorobiphenyl
Concen: 71.881 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1130073
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.8 29.8

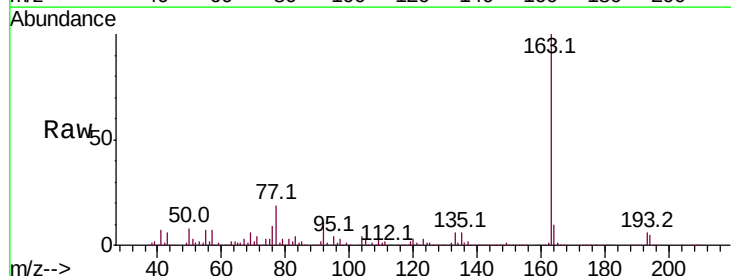


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

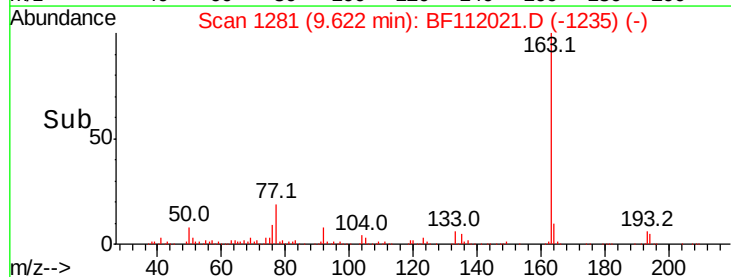
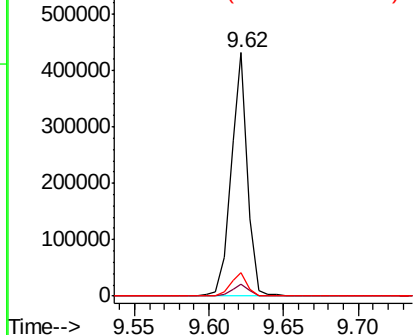


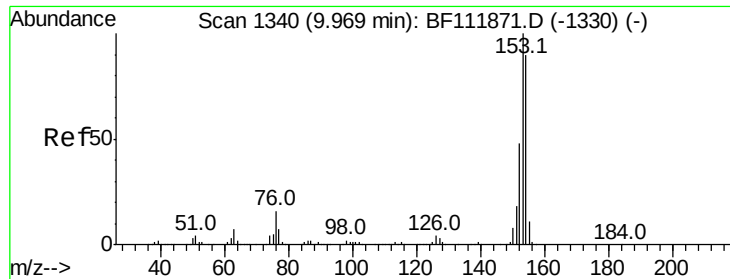
#50
Dimethylphthalate
Concen: 19.120 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

Tgt Ion:163 Resp: 329264
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 9.8 8.5 12.7



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: 6.588 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

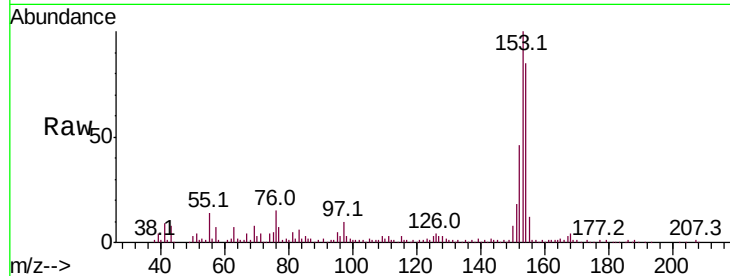
Tot Ion:154 Resp: 94500

Ion Ratio Lower Upper

154 100

153 117.7 89.4 134.0

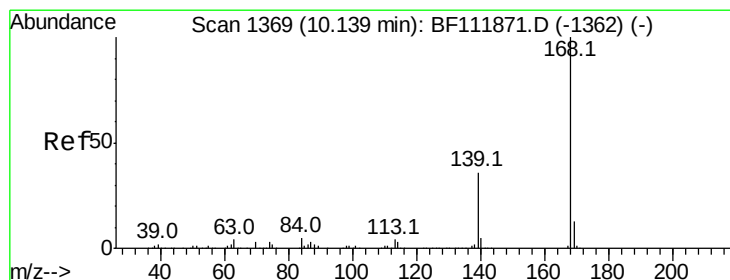
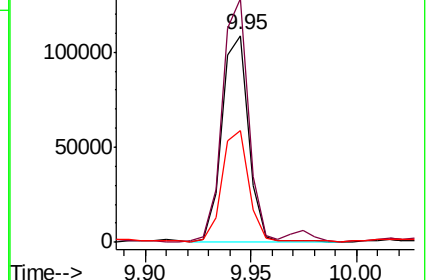
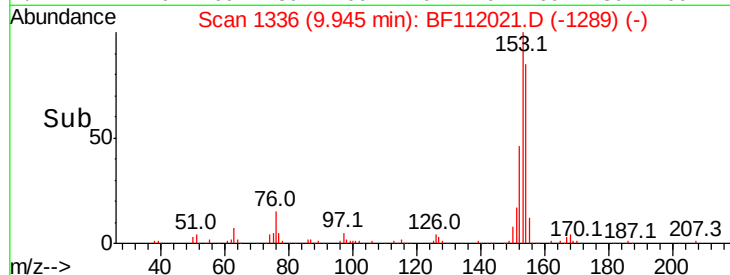
152 54.1 43.1 64.7



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



#55

Dibenzofuran

Concen: 4.116 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

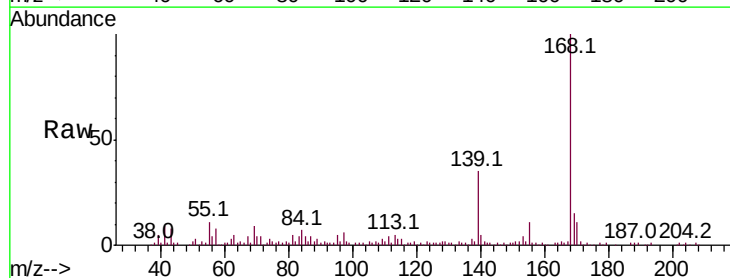
Tgt Ion:168 Resp: 85865

Ion Ratio Lower Upper

168 100

139 34.5 29.3 43.9

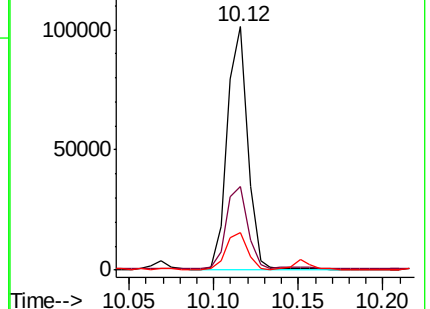
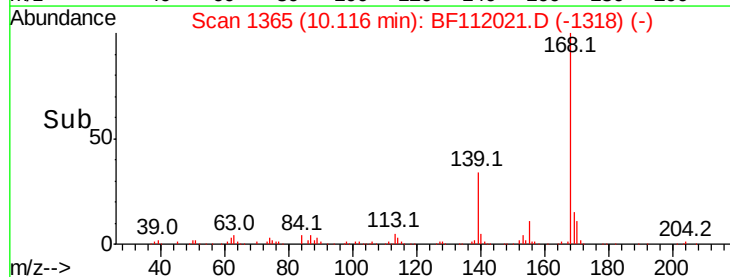
169 15.4 10.6 16.0

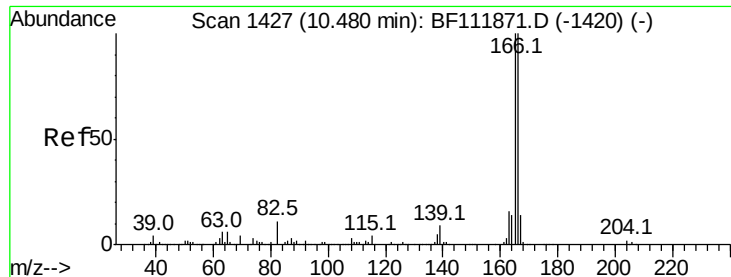


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

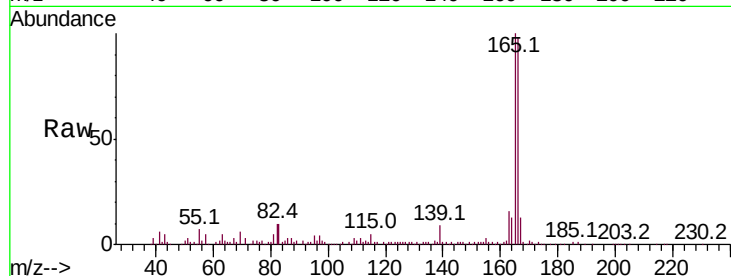




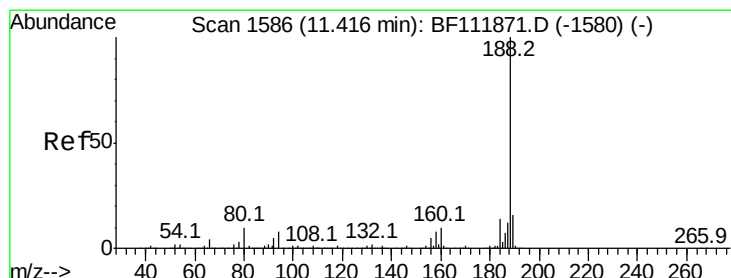
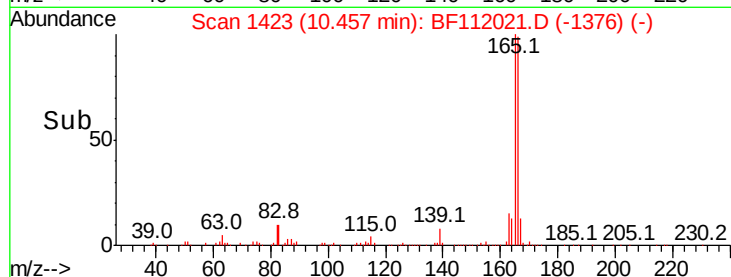
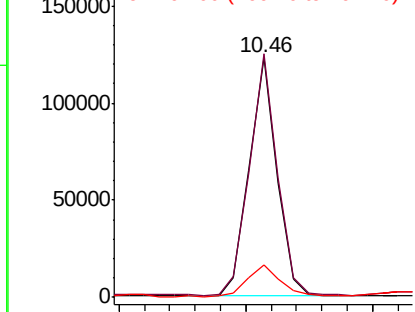
#58
 Fluorene
 Concen: 6.197 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF112021.D
 Acq: 11 Jan 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 94063
 Ion Ratio Lower Upper
 166 100
 165 101.6 79.7 119.5
 167 13.7 11.1 16.7

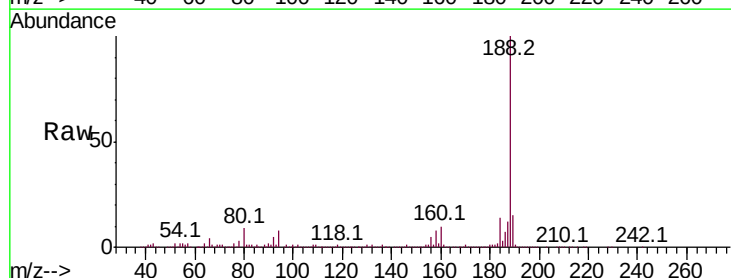


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

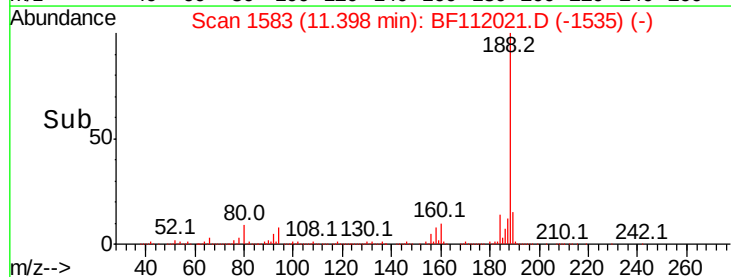
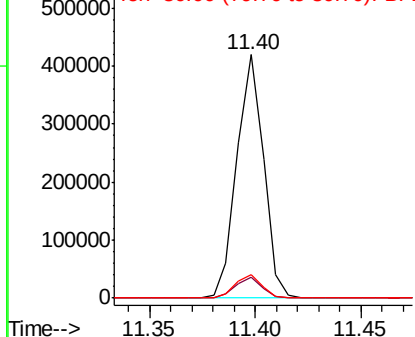


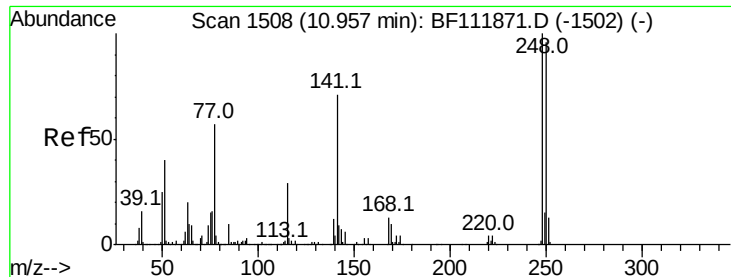
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BF112021.D
 Acq: 11 Jan 2019 17:55

Tgt Ion:188 Resp: 367090
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.6 10.0
 80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

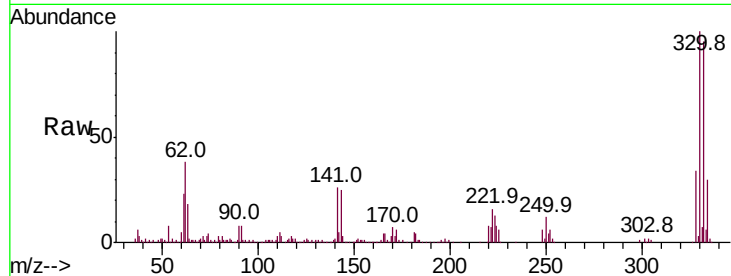




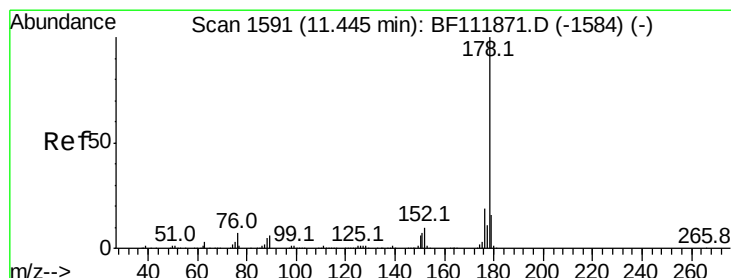
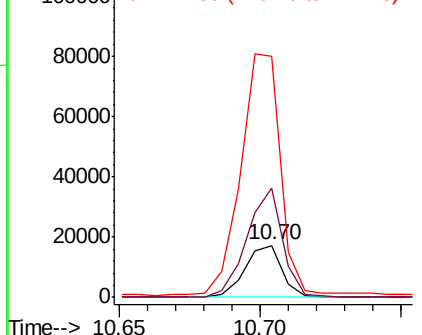
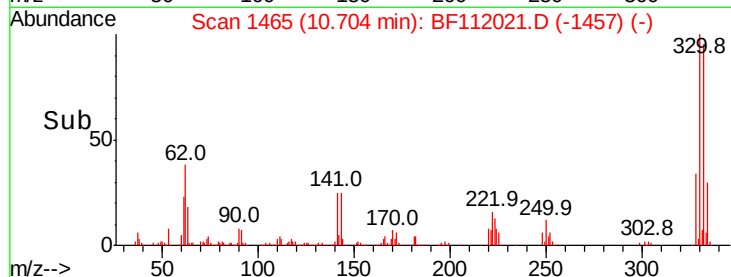
#67
 4-Bromophenyl-phenylether
 Concen: 3.311 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF112021.D
 Acq: 11 Jan 2019 17:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15741
 Ion Ratio Lower Upper
 248 100
 250 210.7 76.8 115.2#
 141 464.0 57.0 85.6#

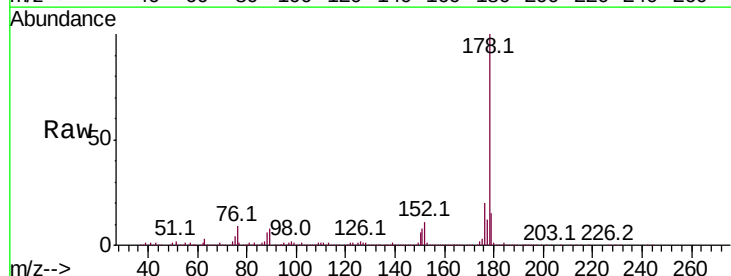


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

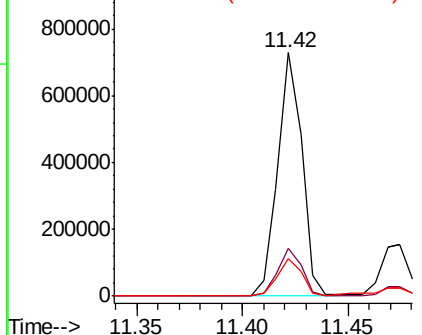
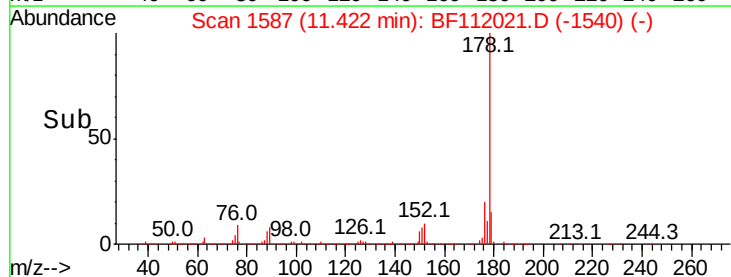


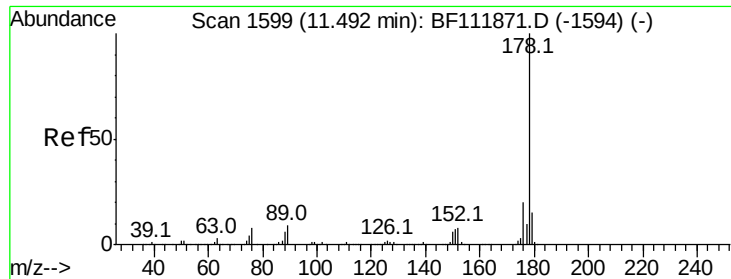
#71
 Phenanthrene
 Concen: 29.682 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF112021.D
 Acq: 11 Jan 2019 17:55

Tgt Ion:178 Resp: 582560
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 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





#72

Anthracene

Concen: 6.993 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

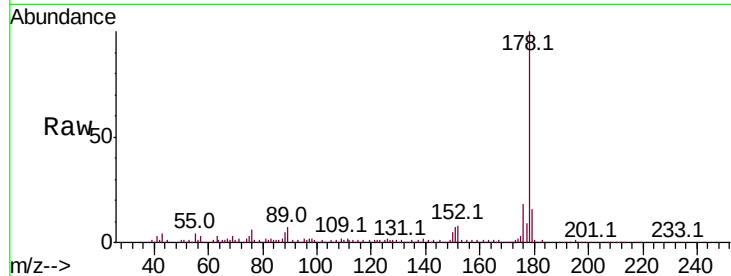
Tot Ion:178 Resp: 139318

Ion Ratio Lower Upper

178 100

176 18.2 15.7 23.5

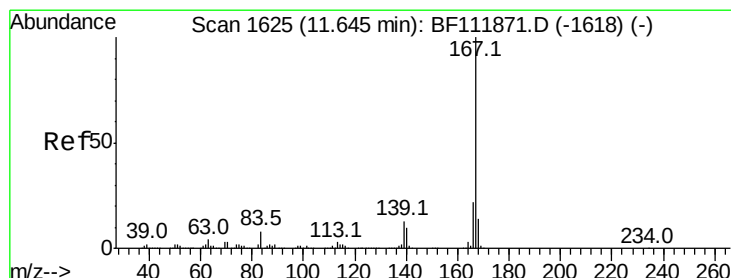
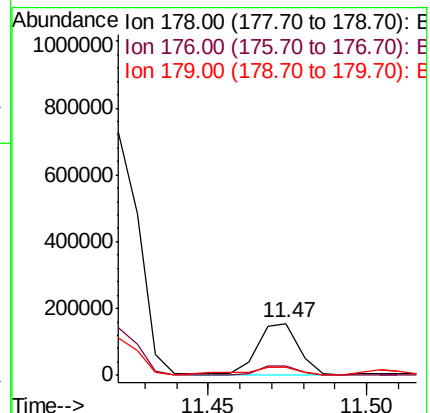
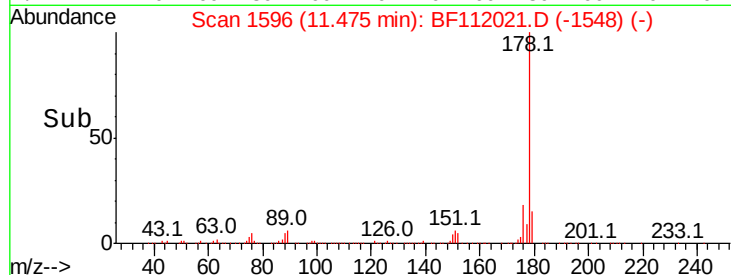
179 15.7 12.4 18.6



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



#73

Carbazole

Concen: 2.377 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

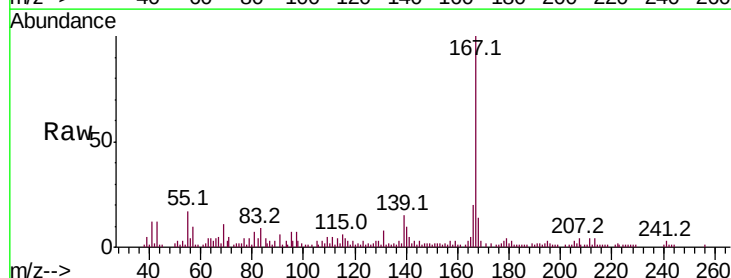
Tgt Ion:167 Resp: 46064

Ion Ratio Lower Upper

167 100

166 20.4 17.8 26.6

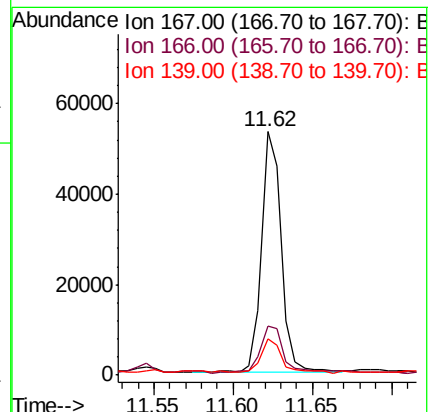
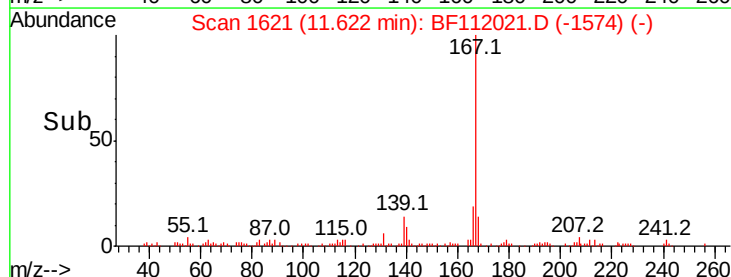
139 14.8 10.6 16.0

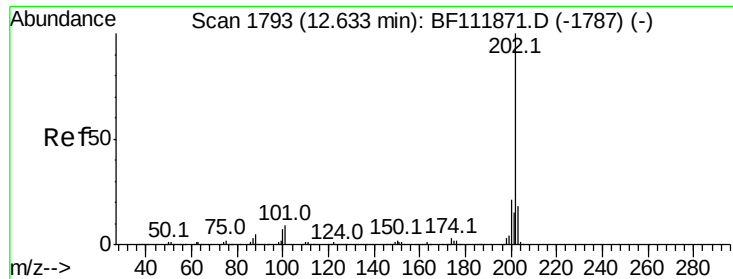


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 31.885 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

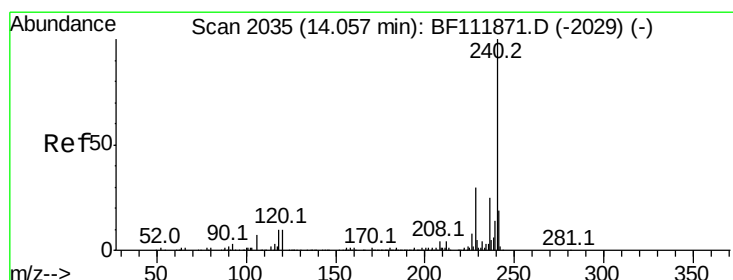
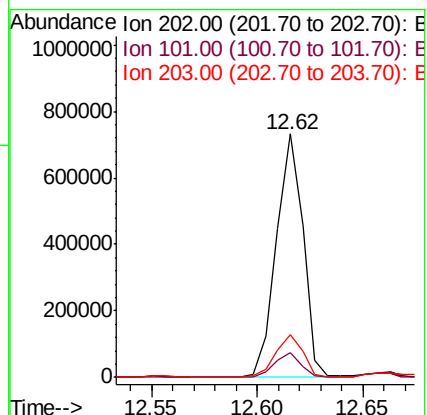
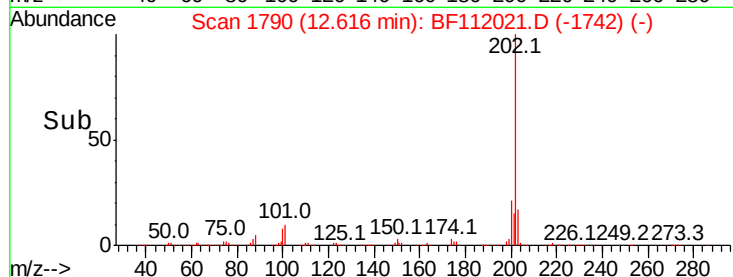
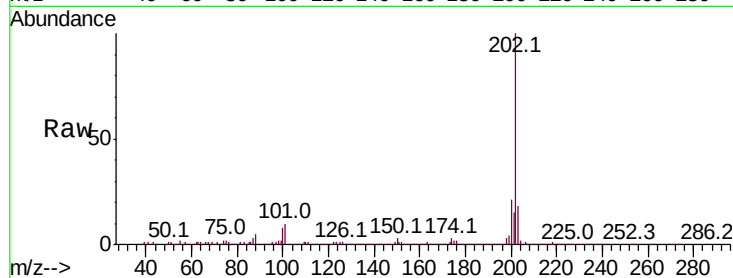
Tot Ion:202 Resp: 642422

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

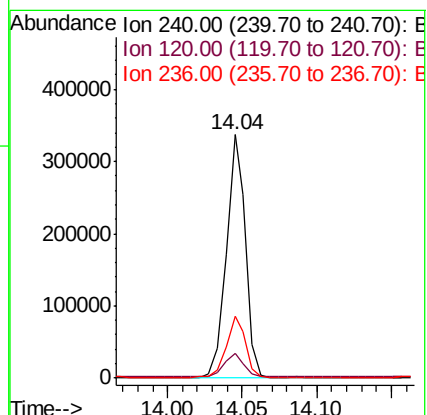
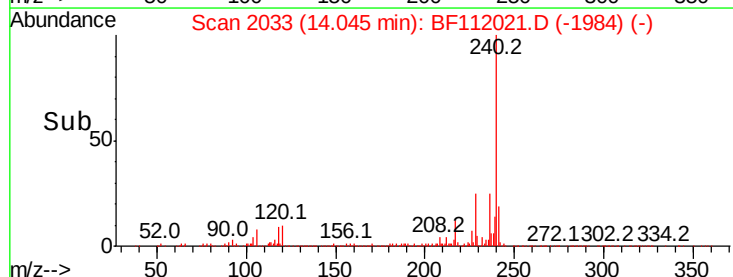
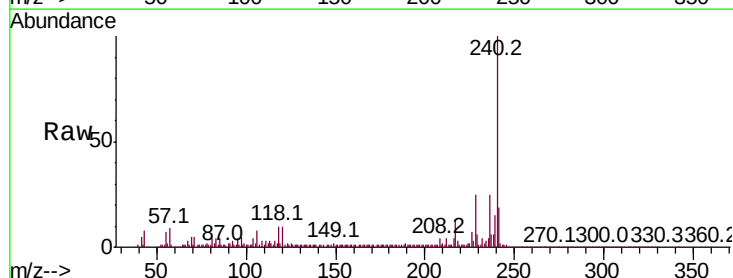
Tgt Ion:240 Resp: 303768

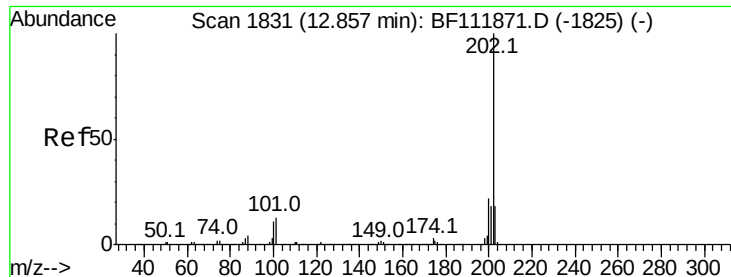
Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 25.5 20.2 30.4





#78

Pvrene

Concen: 26.018 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

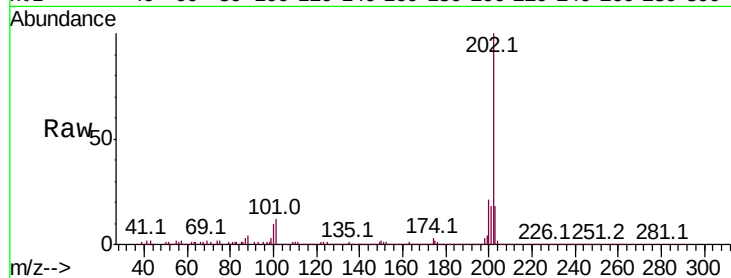
Tot Ion:202 Resp: 543805

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

203 17.6 14.6 21.8

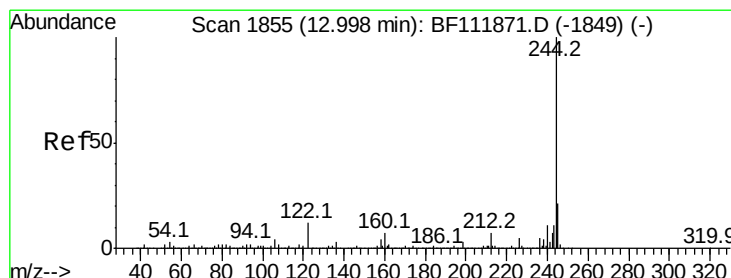
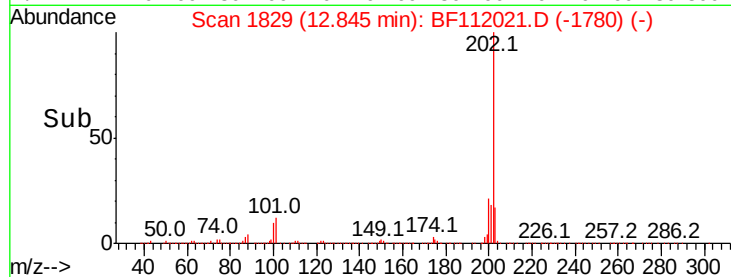
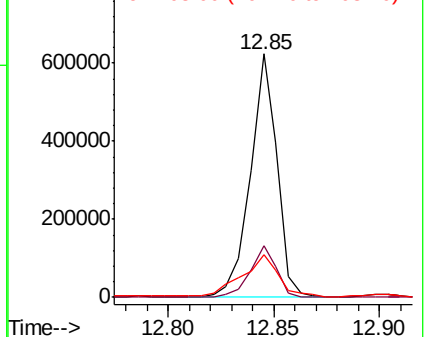


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 50.281 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

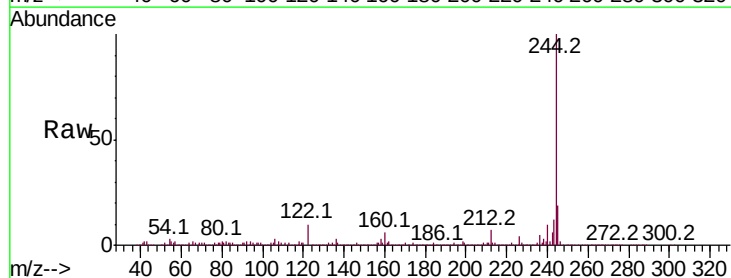
Tgt Ion:244 Resp: 804635

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 9.7 9.5 14.3

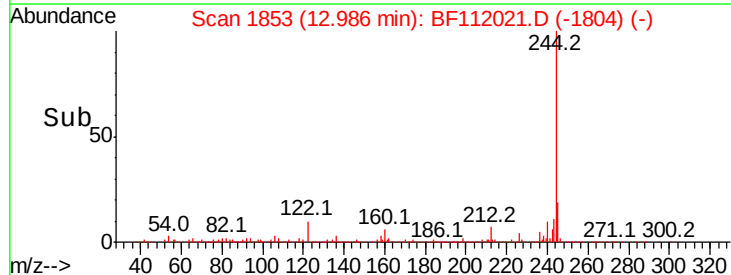
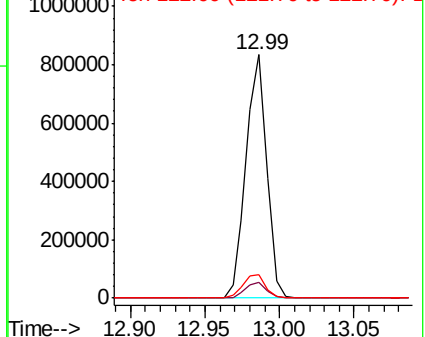


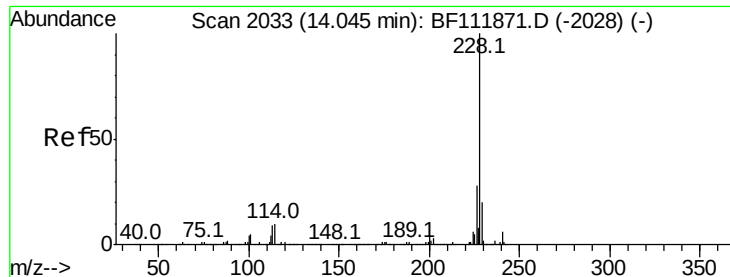
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

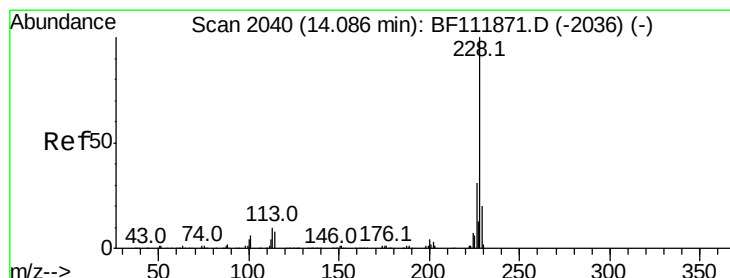
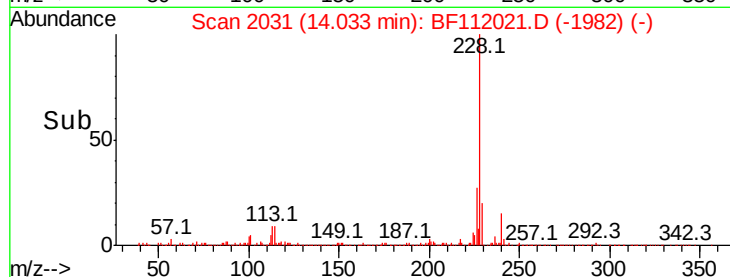
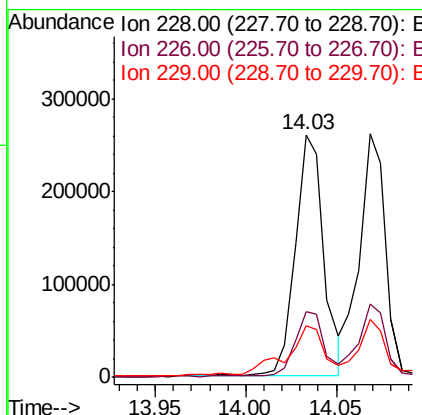
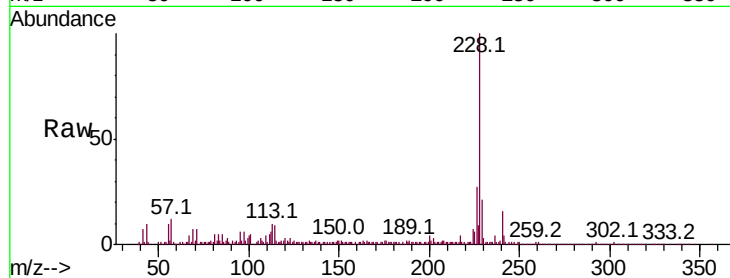




#81
Benzo(a)anthracene
Concen: 16.562 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

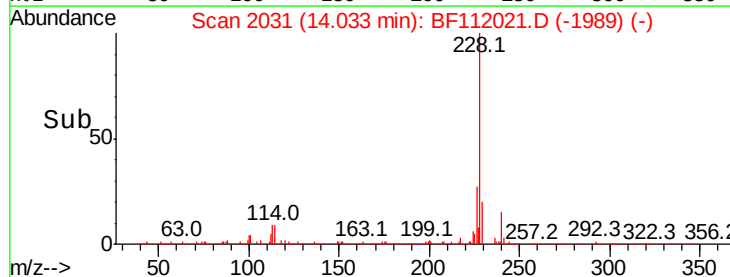
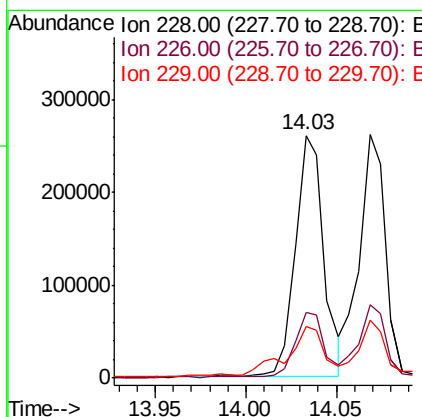
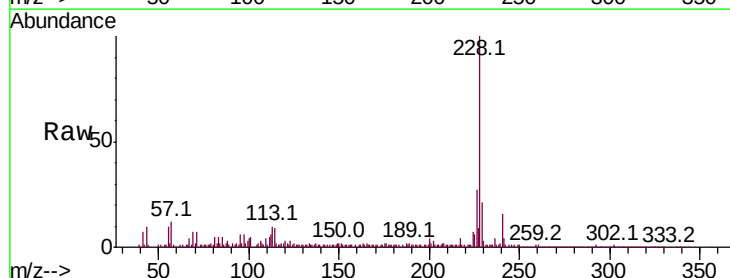
Instrument :
BNA_F
ClientSampleId :

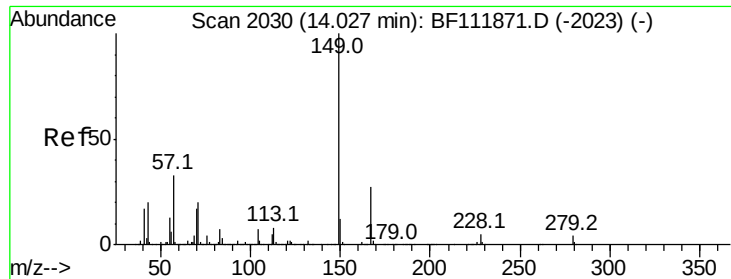
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	21.1	16.2	24.2



#83
Chrysene
Concen: 17.371 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.6	37.0
229	21.1	15.7	23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.641 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

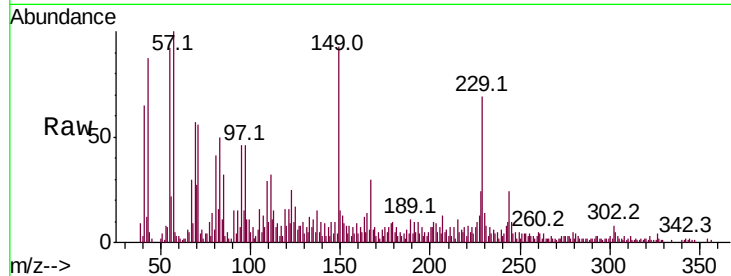
Tot Ion:149 Resp: 30649

Ion Ratio Lower Upper

149 100

167 32.1 21.5 32.3

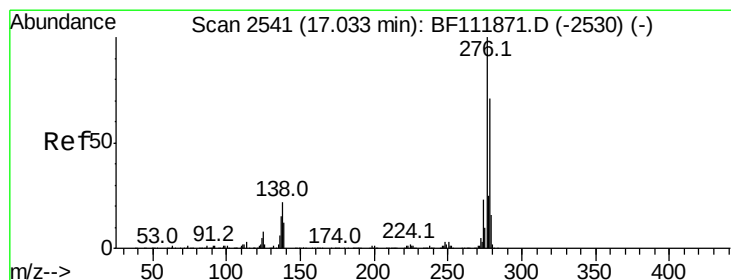
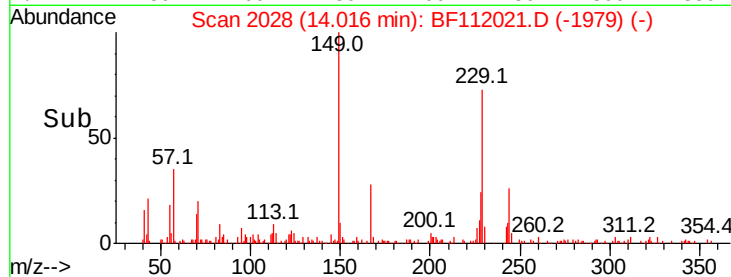
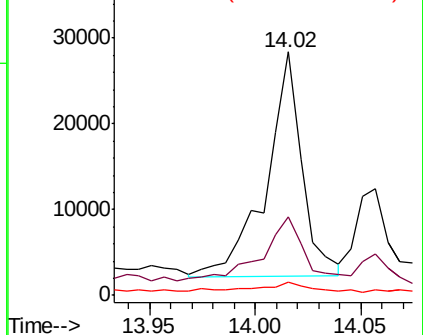
279 5.4 3.0 4.6#



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: 6.037 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

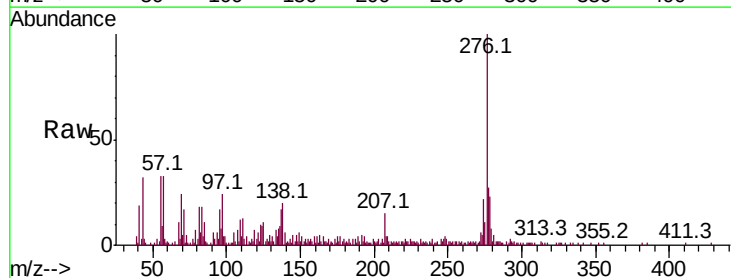
Tgt Ion:276 Resp: 73361

Ion Ratio Lower Upper

276 100

138 20.6 18.1 27.1

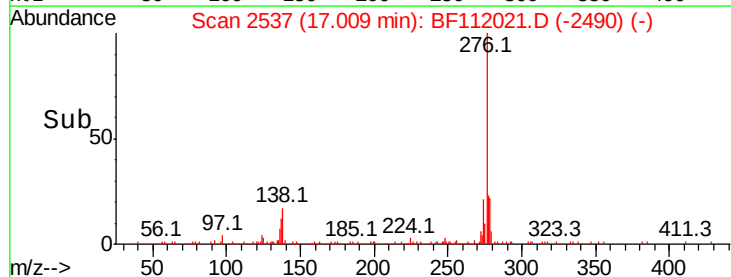
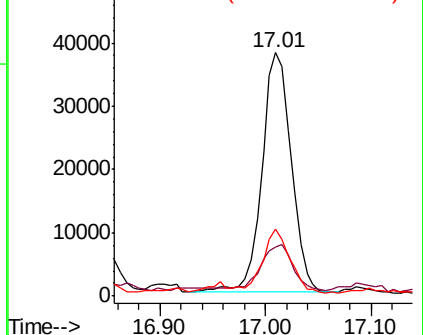
277 25.5 19.9 29.9

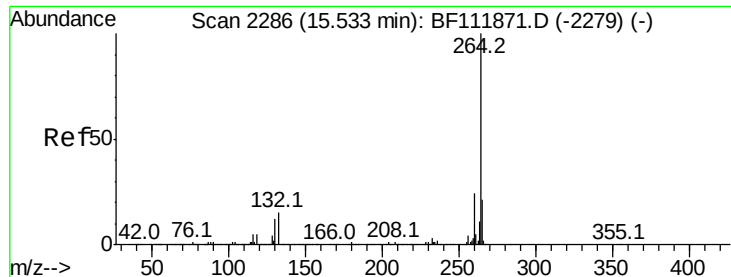


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

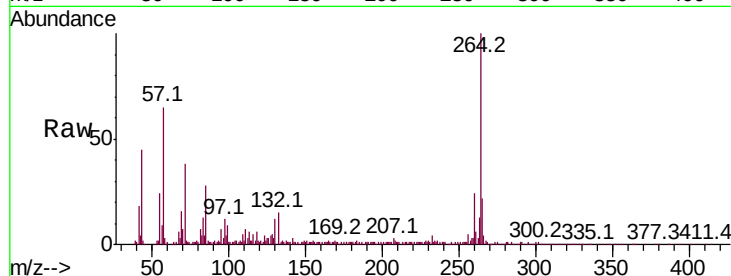
Tot Ion:264 Resp: 206989

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

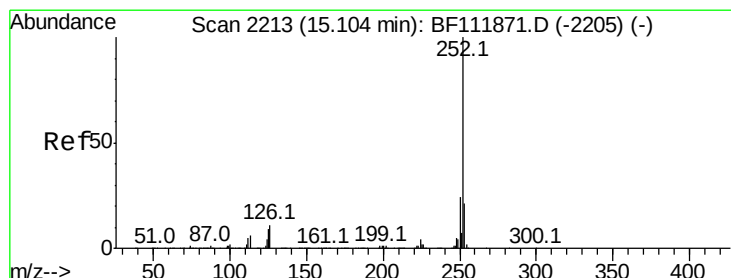
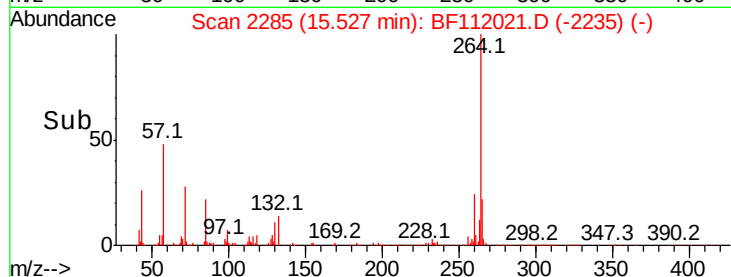
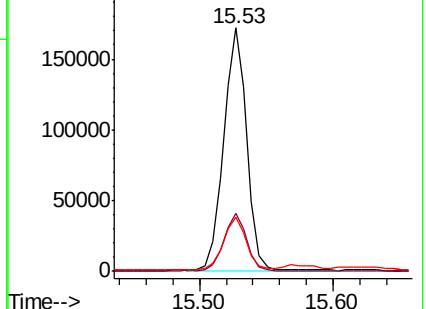
265 22.4 17.1 25.7



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: 24.623 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

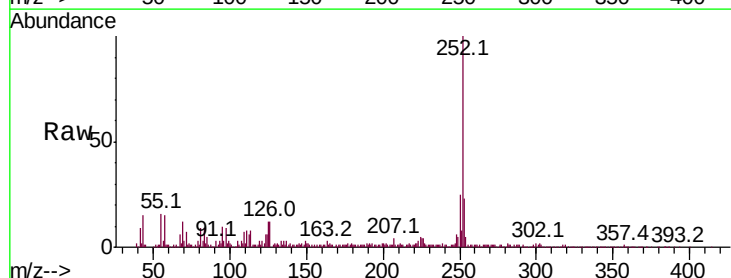
Tgt Ion:252 Resp: 304884

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

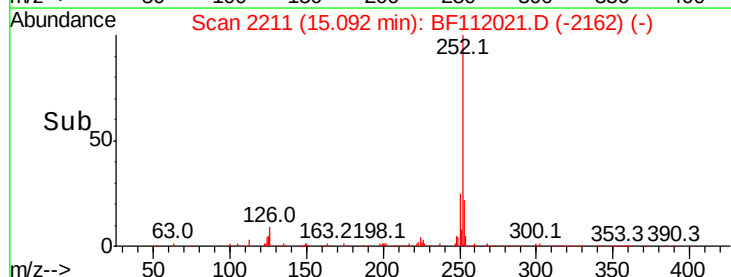
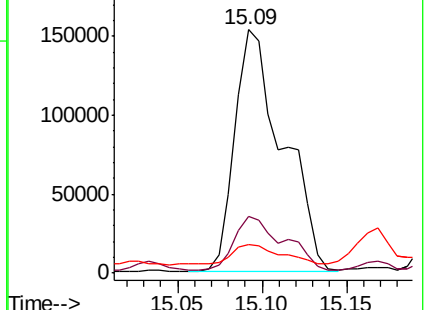
125 11.9 7.1 10.7#

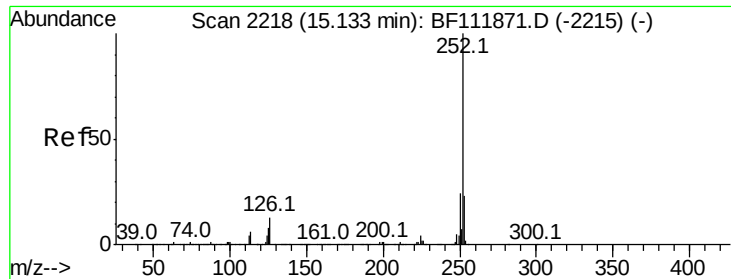


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

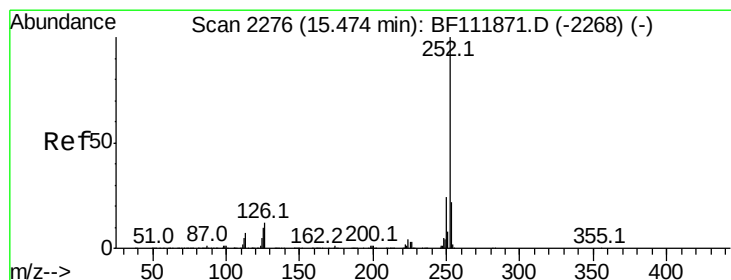
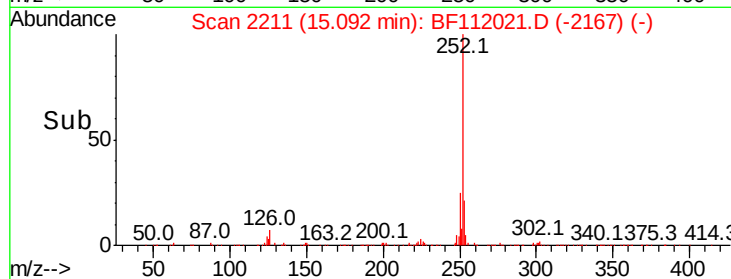
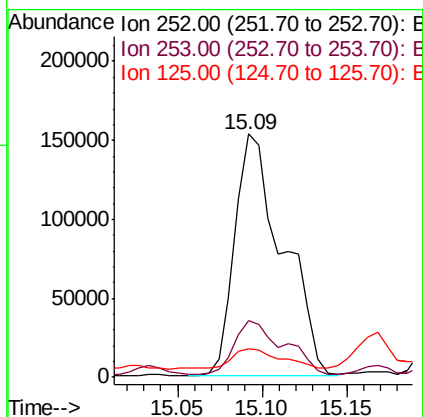
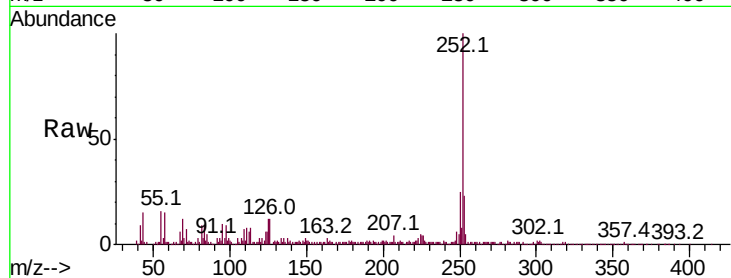




#89
Benzo(k)fluoranthene
Concen: 26.195 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

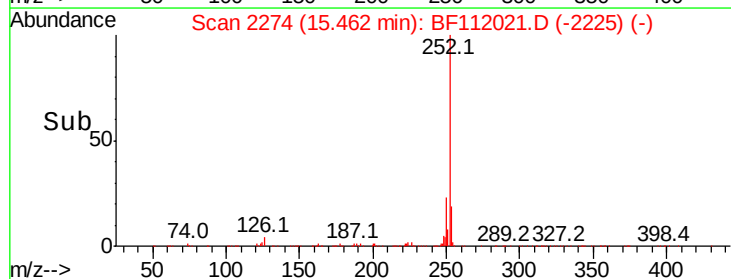
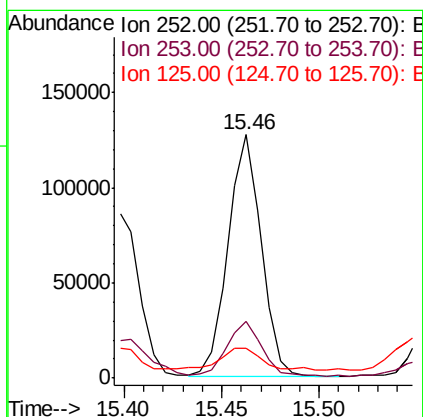
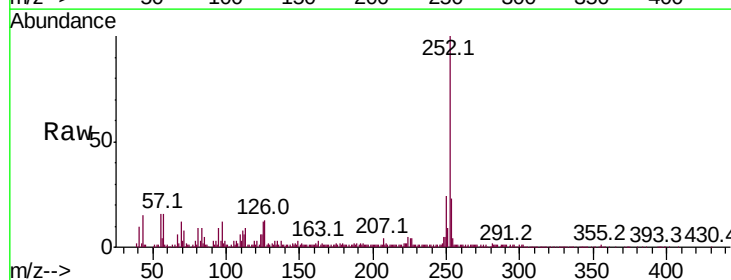
Instrument :
BNA_F
ClientSampleId :

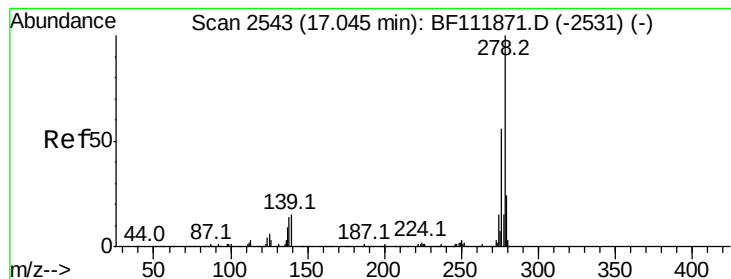
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.9	7.0	10.4



#90
Benzo(a)pyrene
Concen: 13.760 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112021.D
Acq: 11 Jan 2019 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	12.5	7.9	11.9





#91

Dibenzo(a,h)anthracene

Concen: 2.294 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.03 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

Instrument :

BNA_F

ClientSampled :

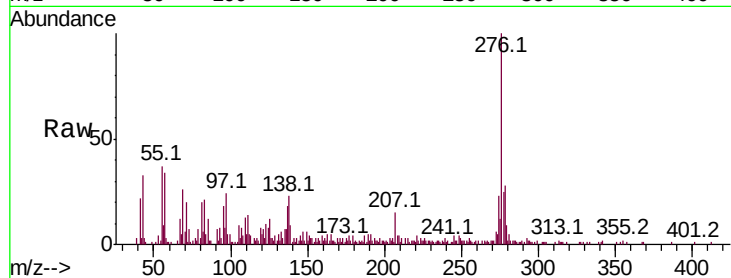
Tot Ion:278 Resp: 20086

Ion Ratio Lower Upper

278 100

139 31.5 11.8 17.6#

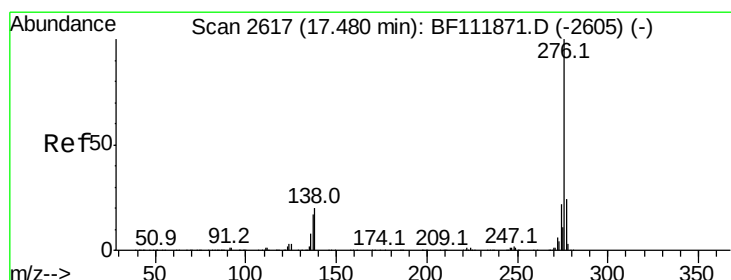
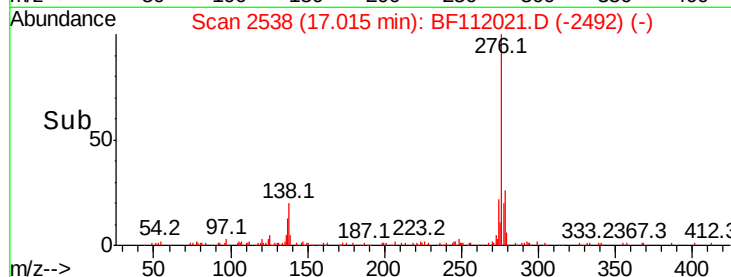
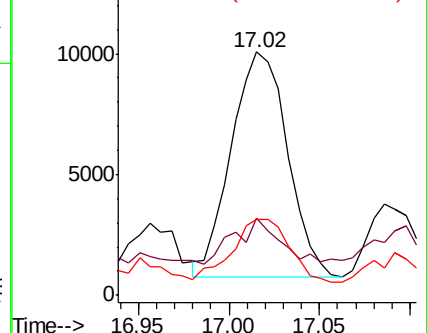
279 31.1 19.4 29.2#



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: 7.952 ng

RT: 17.46 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BF112021.D

Acq: 11 Jan 2019 17:55

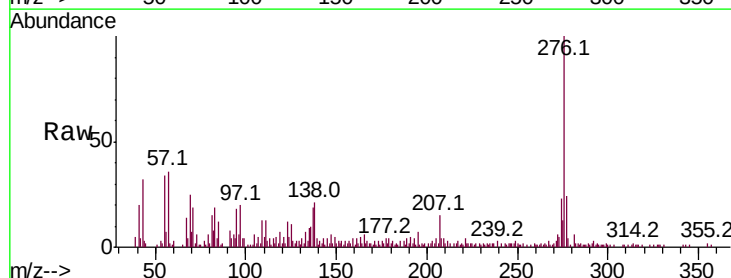
Tgt Ion:276 Resp: 68104

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 21.3 16.2 24.2



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

