

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121708.D
 Acq On : 28 Sep 2020 13:03
 Operator : JU/CG
 Sample : L4127-02DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(13-15)DL

Quant Time: Sep 28 13:44:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147350	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	580811	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	304902	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	581458	20.00	ng	0.00
76) Chrysene-d12	13.95	240	424500	20.00	ng	0.00
86) Perylene-d12	15.40	264	368010	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	94335	9.51	ng	-0.01
7) Phenol-d6	6.43	99	126006	9.69	ng	-0.01
23) Nitrobenzene-d5	7.35	82	80511	7.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	26673	7.04	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	174475	8.67	ng	0.00
79) Terphenyl-d14	12.89	244	192658	9.19	ng	-0.01

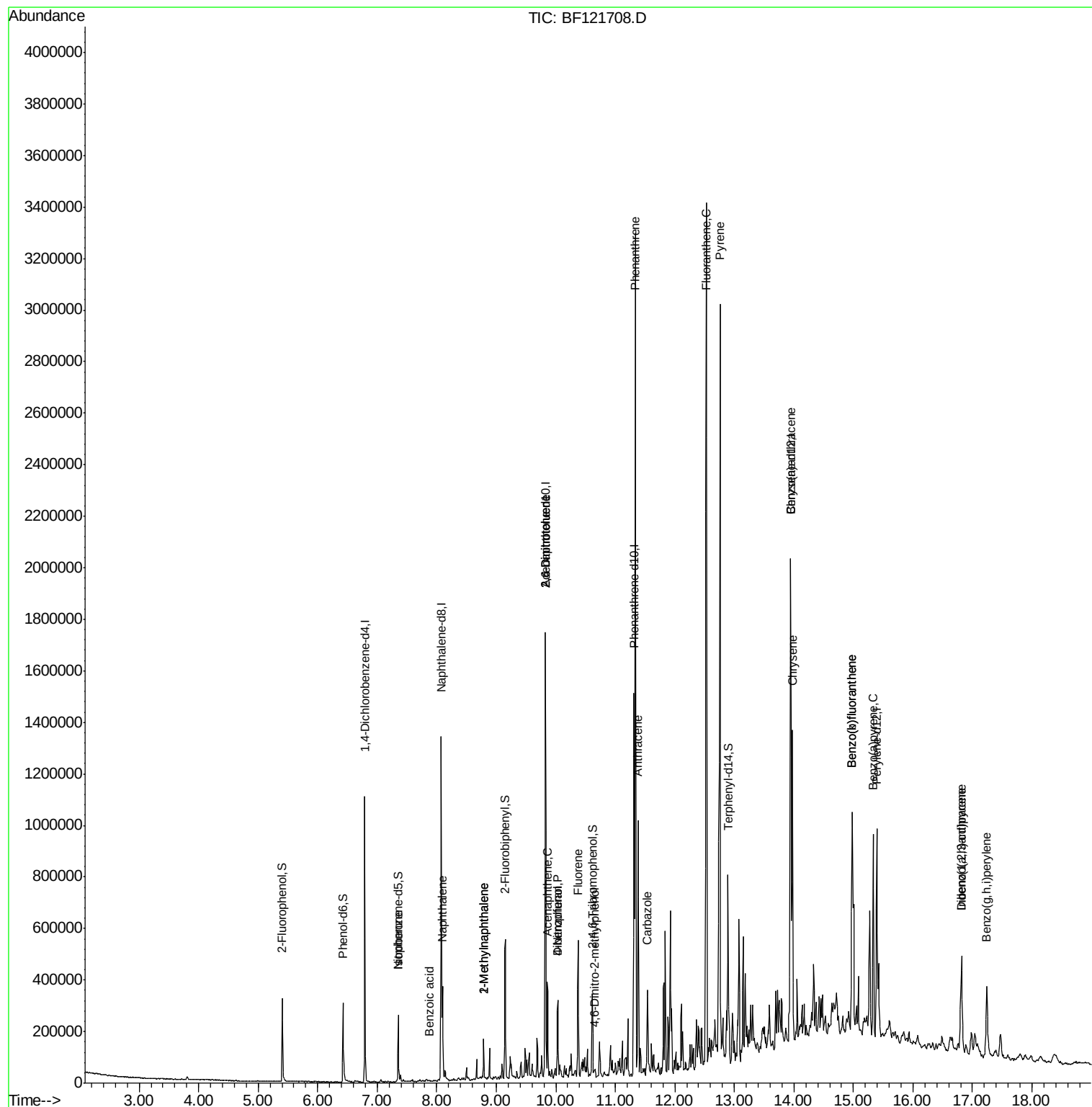
Target Compounds				Qvalue		
25) Isophorone	7.35	82	78624	3.611	ng	# 65
31) Naphthalene	8.10	128	135741	4.427	ng	98
32) Benzoic acid	7.87	122	107	6.948	ng	# 1
37) 2-Methylnaphthalene	8.79	142	42513	2.116	ng	94
38) 1-Methylnaphthalene	8.79	142	42513	2.273	ng	92
51) 2,6-Dinitrotoluene	9.83	165	42123	8.950	ng	# 22
52) Acenaphthene	9.86	154	76562	4.101	ng	97
55) Dibenzofuran	10.03	168	102504	3.899	ng	94
56) 4-Nitrophenol	10.03	139	37178	8.551	ng	# 8
57) 2,4-Dinitrotoluene	9.83	165	42123	7.114	ng	# 24
58) Fluorene	10.37	166	128845	6.409	ng	99
65) 4,6-Dinitro-2-methylphenol	10.64	198	114	6.879	ng	# 1
71) Phenanthrene	11.34	178	1142033	36.049	ng	99
72) Anthracene	11.39	178	346258	10.591	ng	98
73) Carbazole	11.55	167	122646	4.157	ng	99
75) Fluoranthene	12.53	202	1378572	40.764	ng	98
78) Pyrene	12.76	202	1150678	37.100	ng	99
81) Benzo(a)anthracene	13.94	228	556476	20.721	ng	98
83) Chrysene	13.97	228	464849	17.093	ng	97
87) Indeno(1,2,3-cd)pyrene	16.82	276	230565	9.621	ng	96
88) Benzo(b)fluoranthene	14.98	252	660668	26.854	ng	98
89) Benzo(k)fluoranthene	14.98	252	660668	29.325	ng	# 97
90) Benzo(a)pyrene	15.33	252	354436	16.949	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	61935	3.105	ng	93
92) Benzo(g,h,i)perylene	17.24	276	219536	11.195	ng	97

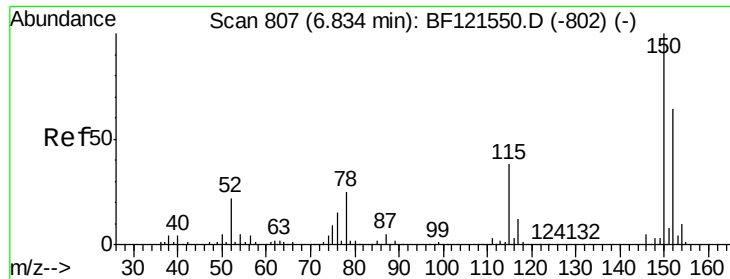
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

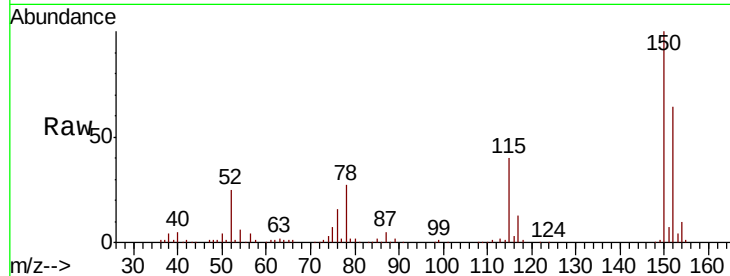
Tot Ion:152 Resp: 147350

Ion Ratio Lower Upper

152 100

150 156.1 122.6 184.0

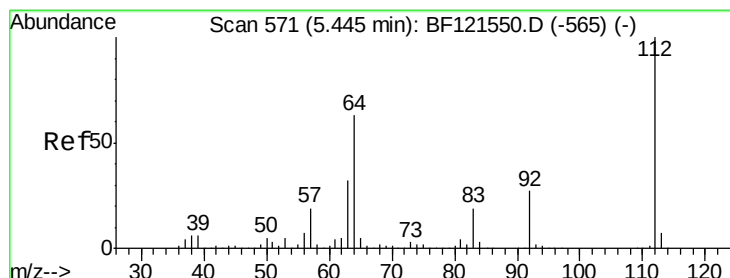
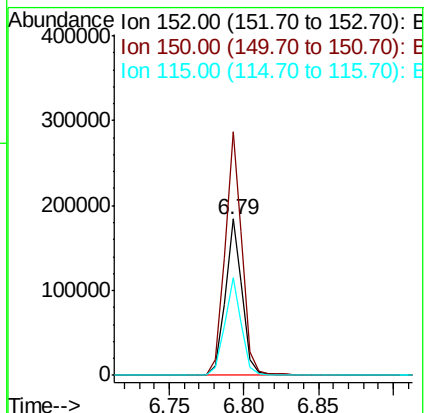
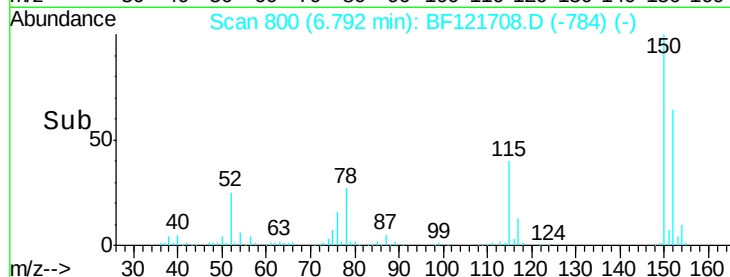
115 63.0 47.1 70.7



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: 9.514 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

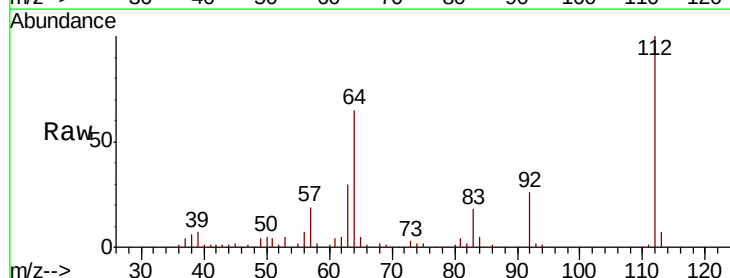
Tgt Ion:112 Resp: 94335

Ion Ratio Lower Upper

112 100

64 64.9 49.5 74.3

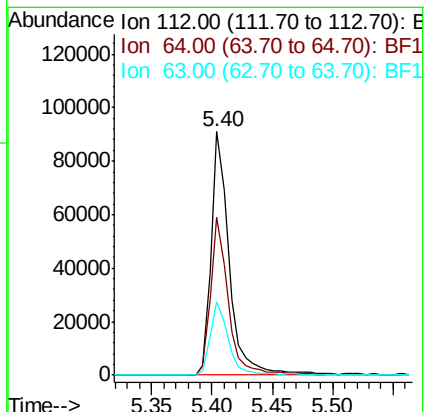
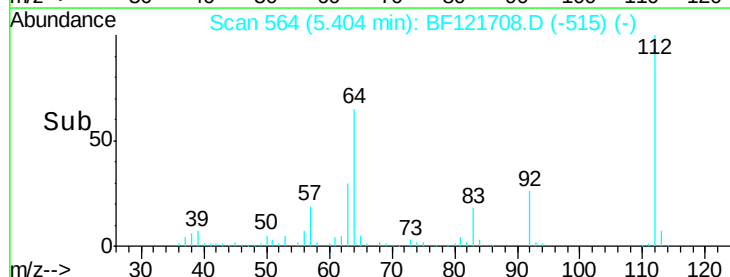
63 30.1 25.4 38.0

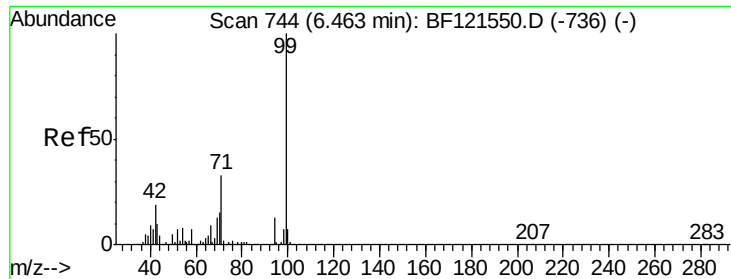


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 9.687 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

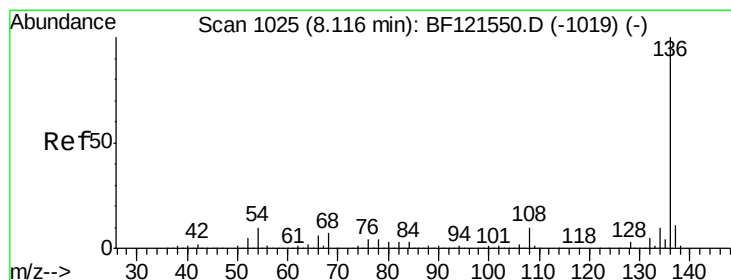
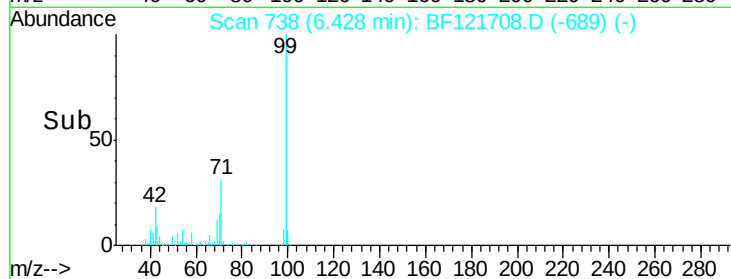
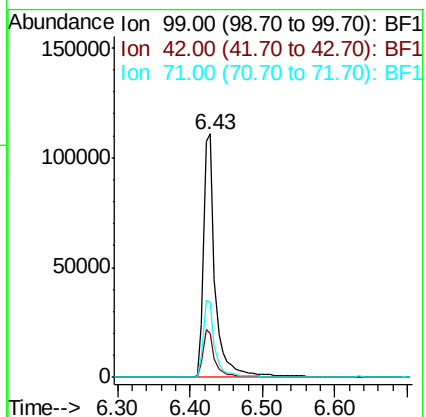
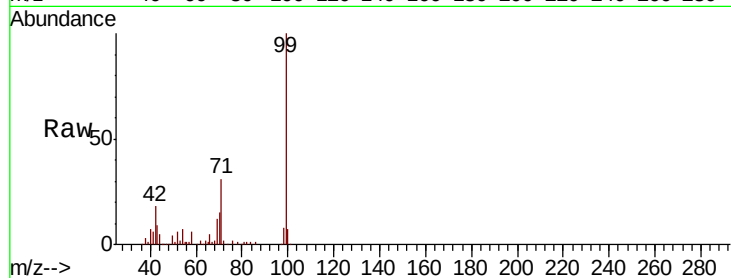
Tot Ion: 99 Resp: 126006

Ion Ratio Lower Upper

99 100

42 18.3 16.1 24.1

71 30.9 27.6 41.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Tgt Ion: 136 Resp: 580811

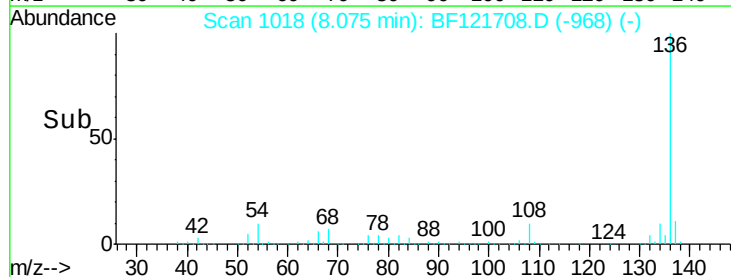
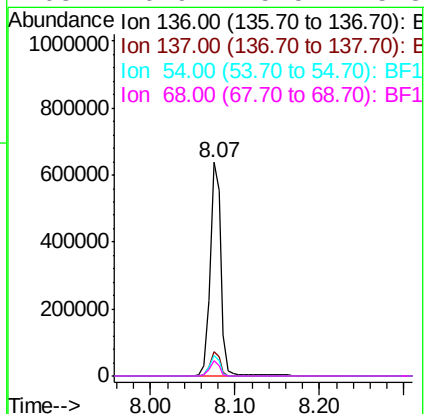
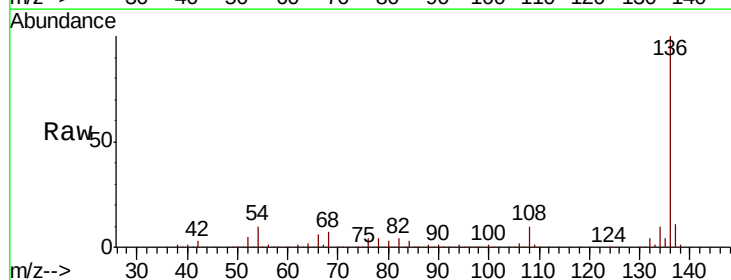
Ion Ratio Lower Upper

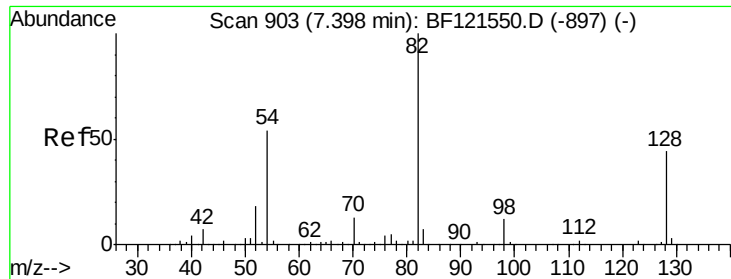
136 100

137 11.2 8.8 13.2

54 9.8 7.5 11.3

68 6.9 5.5 8.3

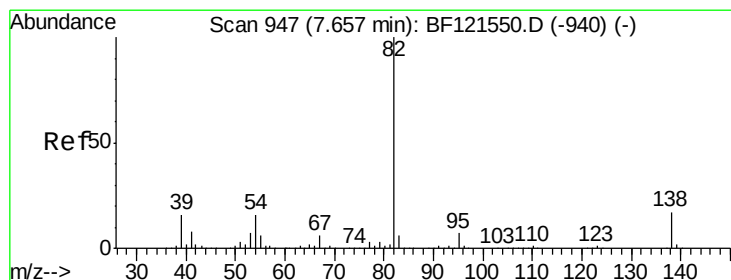
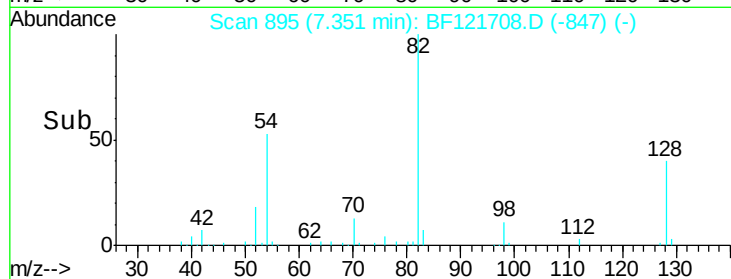
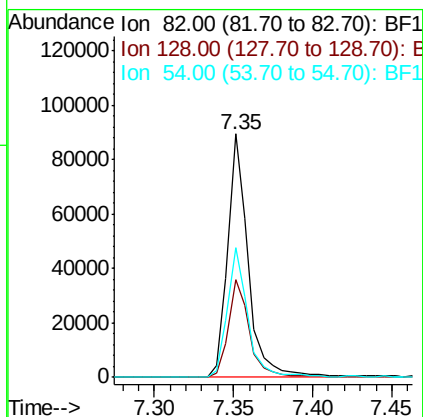
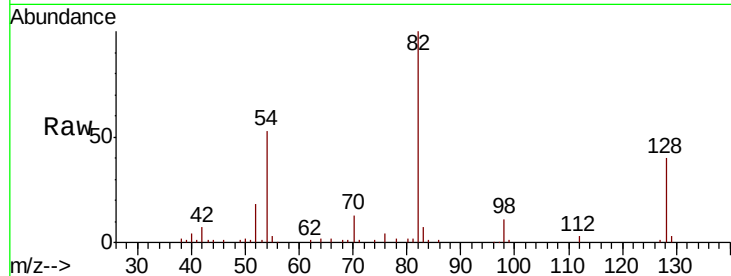




#23
Nitrobenzene-d5
Concen: 7.443 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

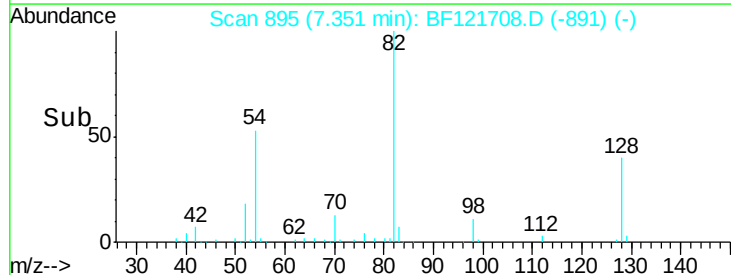
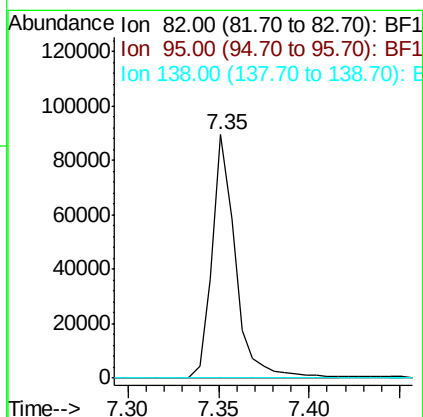
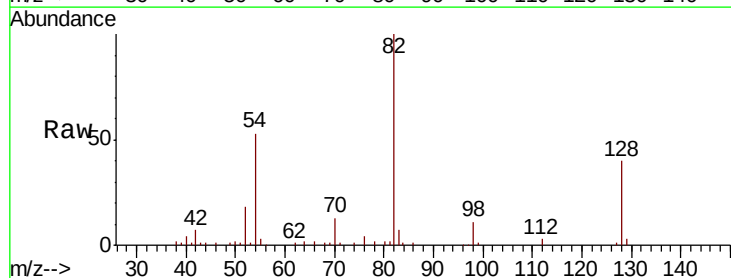
Instrument :
BNA_F
ClientSampleId :
B-3(13-15)DL

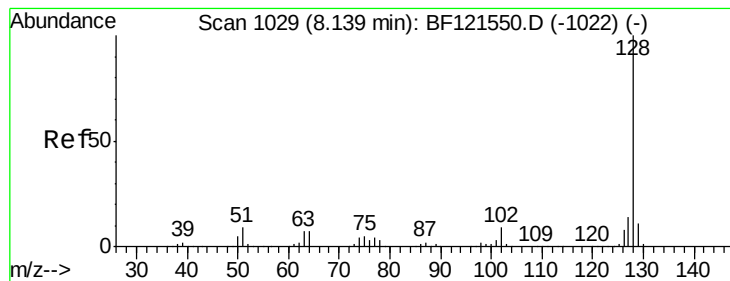
Tot Ion	82	Resp	80511
Ion Ratio	Lower	Upper	
82	100		
128	40.0	35.8	53.6
54	53.1	42.6	63.8



#25
Isophorone
Concen: 3.611 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

Tgt Ion	82	Resp	78624
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	14.2	21.4#





#31

Naphthalene

Concen: 4.427 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleID :

B-3(13-15)DL

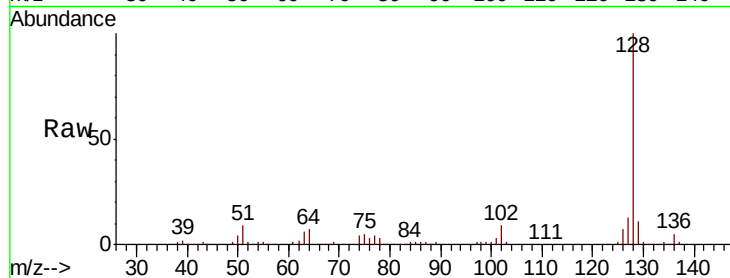
Tot Ion:128 Resp: 135741

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

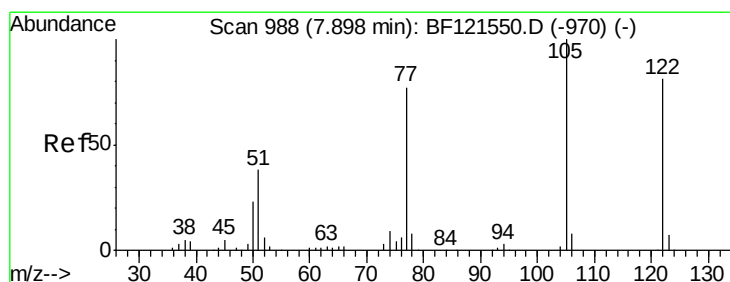
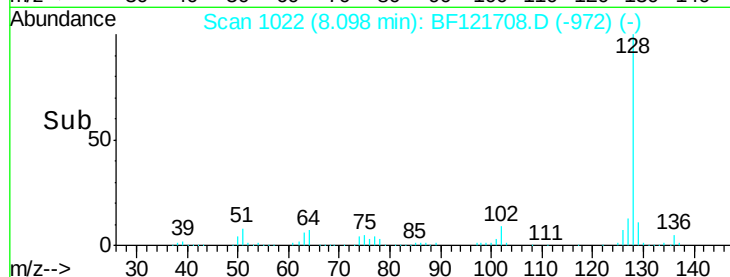
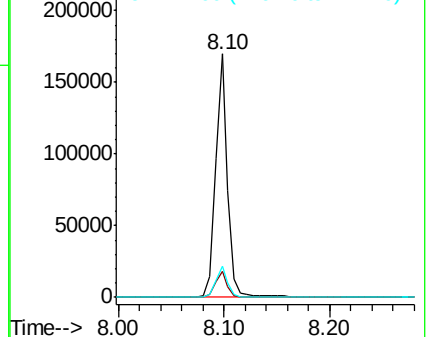
127 12.7 10.8 16.2



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



#32

Benzoic acid

Concen: 6.948 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

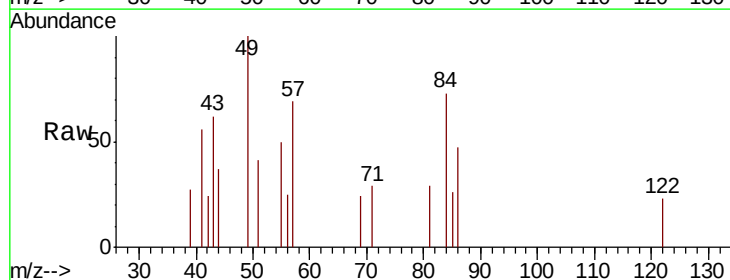
Tgt Ion:122 Resp: 107

Ion Ratio Lower Upper

122 100

105 0.0 101.7 141.7#

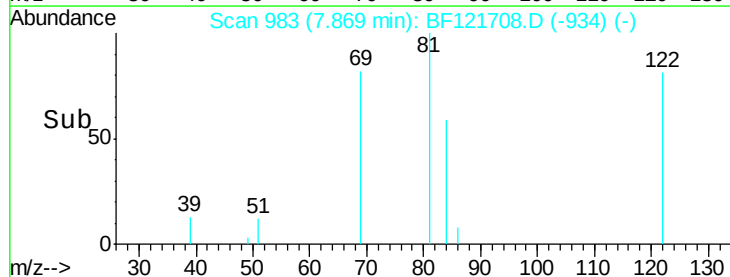
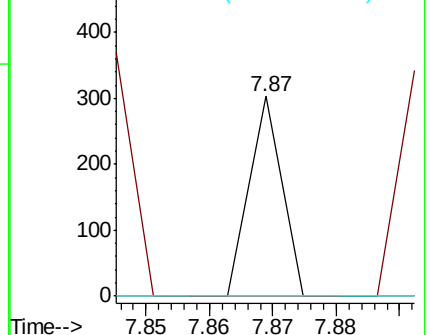
77 0.0 72.8 112.8#

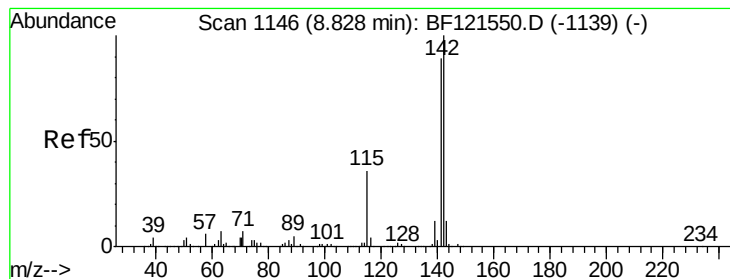


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#37

2-Methylnaphthalene

Concen: 2.116 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

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ClientSampleId :

B-3(13-15)DL

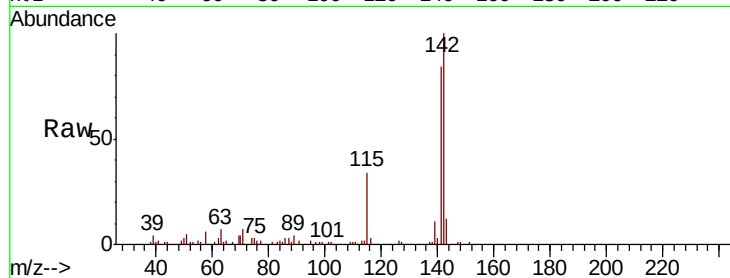
Tot Ion:142 Resp: 42513

Ion Ratio Lower Upper

142 100

141 84.5 71.9 107.9

115 34.2 29.9 44.9

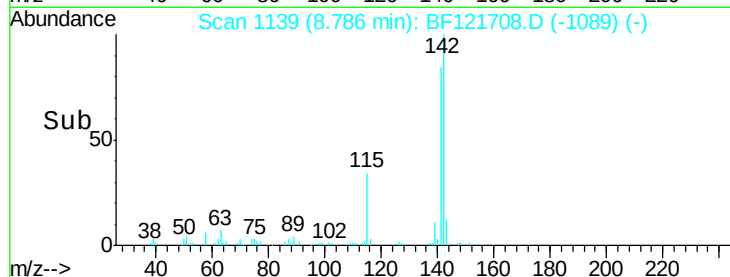


Abundance Ion 142.00 (141.70 to 142.70): E

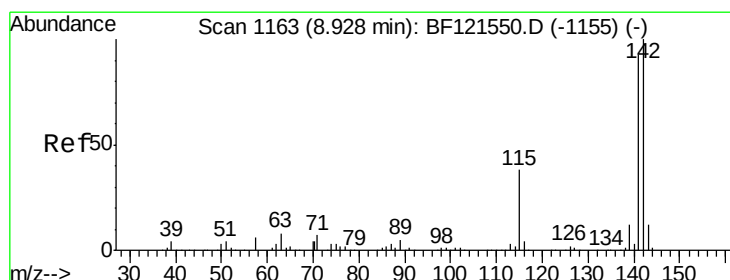
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.79



Time-->



#38

1-Methylnaphthalene

Concen: 2.273 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.11 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

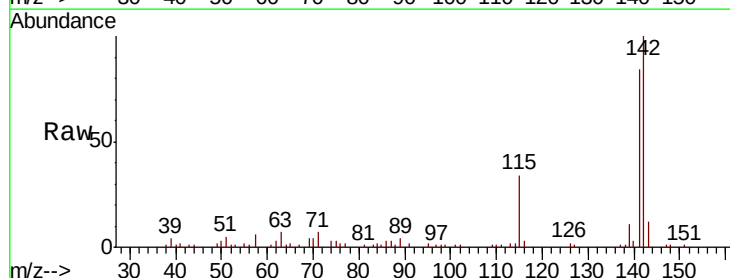
Tgt Ion:142 Resp: 42513

Ion Ratio Lower Upper

142 100

141 84.5 73.8 110.8

116 3.3 3.2 4.8

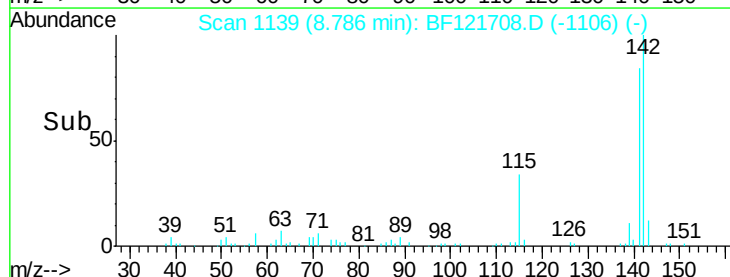


Abundance Ion 142.00 (141.70 to 142.70): E

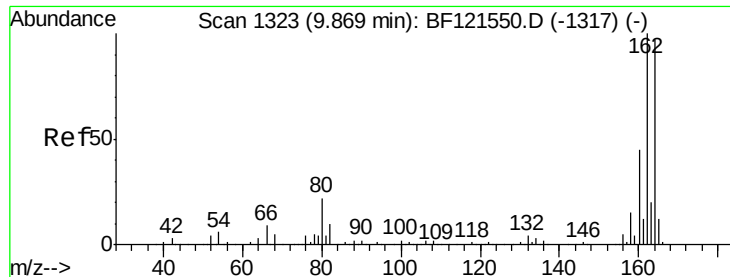
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.79



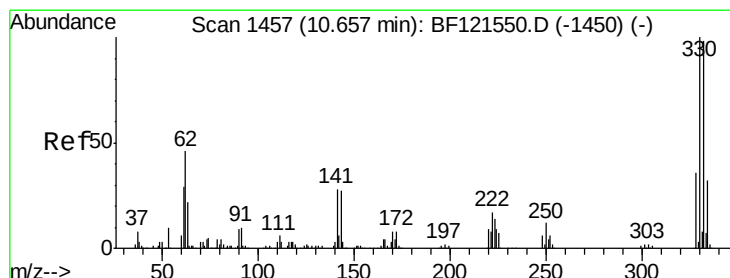
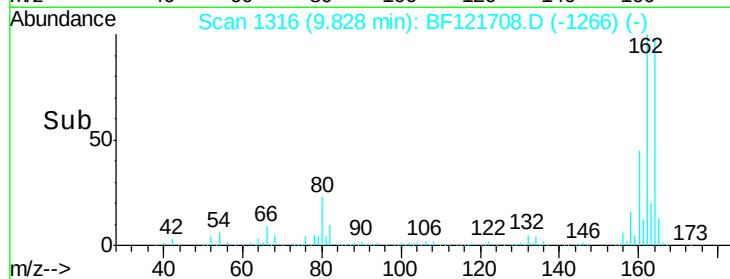
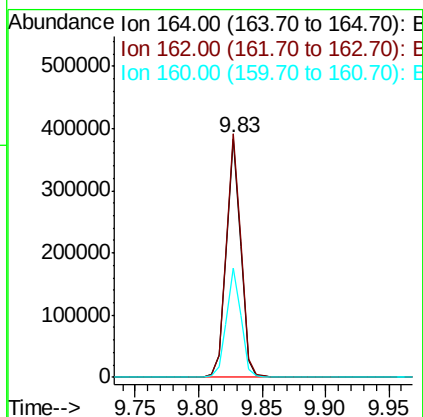
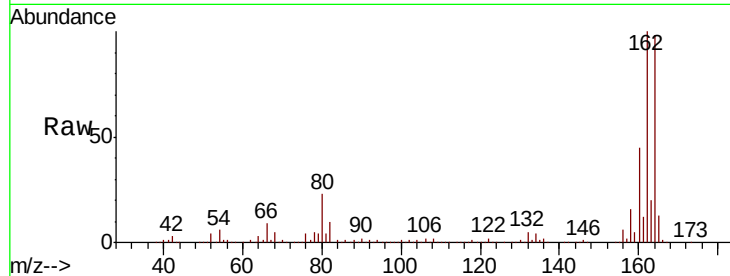
Time-->



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

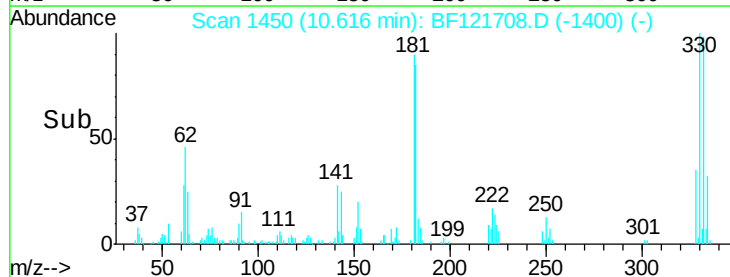
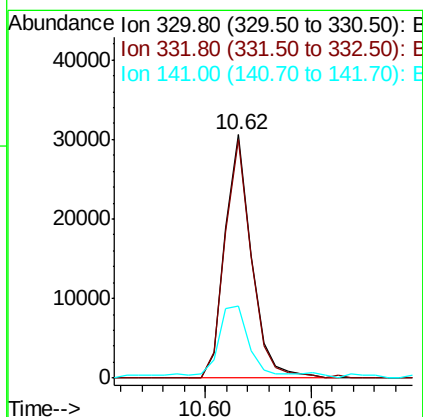
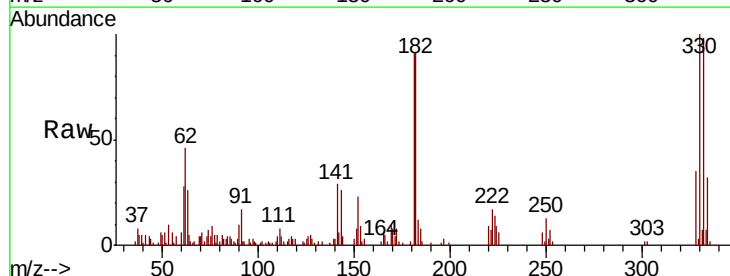
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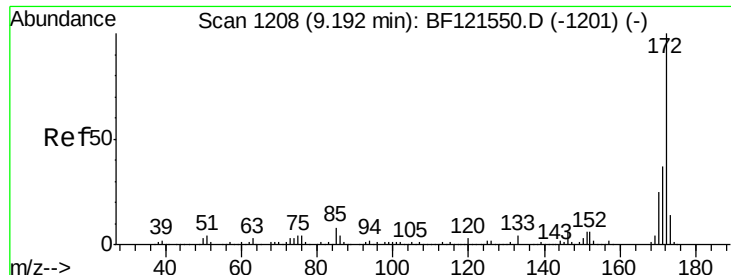
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.1	123.1
160	45.5	36.8	55.2



#42
2,4,6-Tribromophenol
Concen: 7.039 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.0	114.0
141	36.9	22.2	33.4

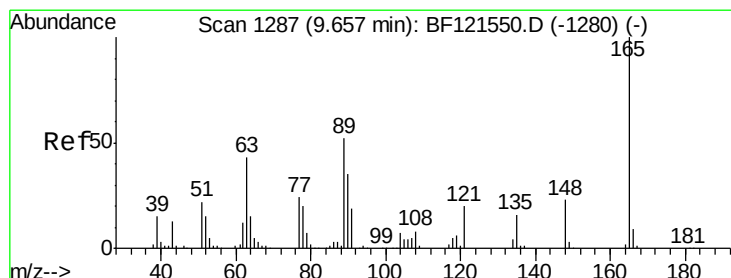
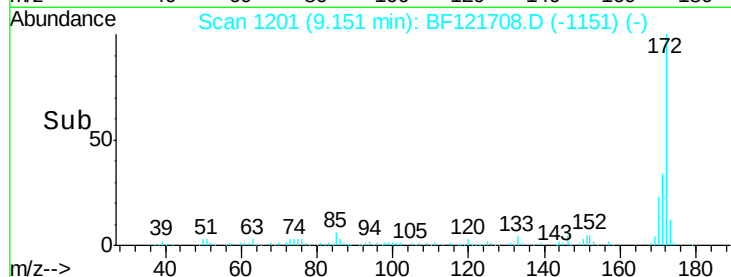
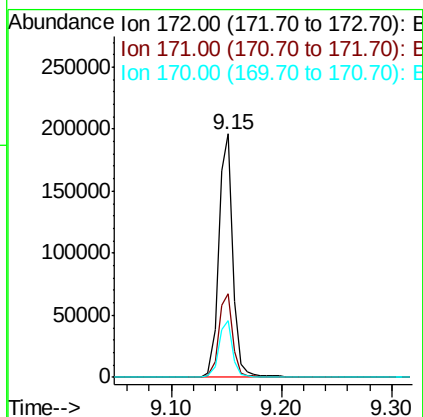
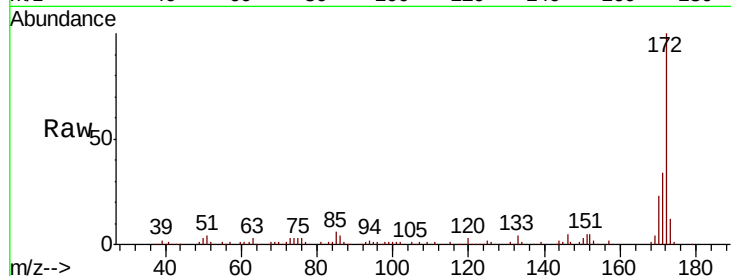




#45
2-Fluorobiphenyl
Concen: 8.667 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

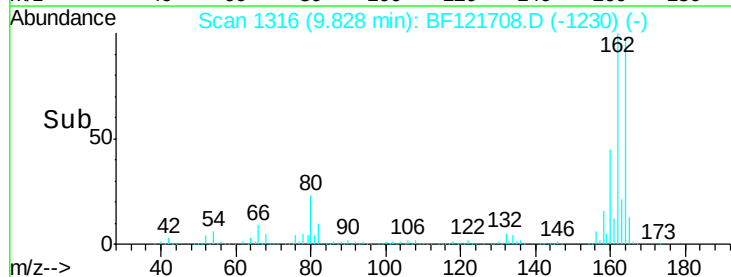
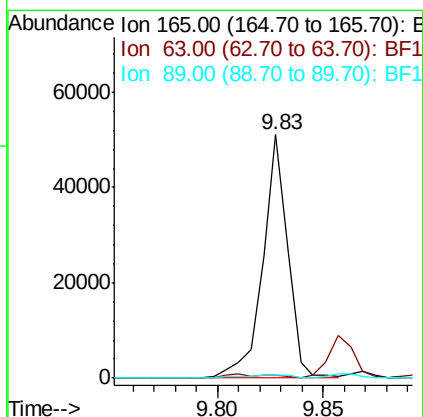
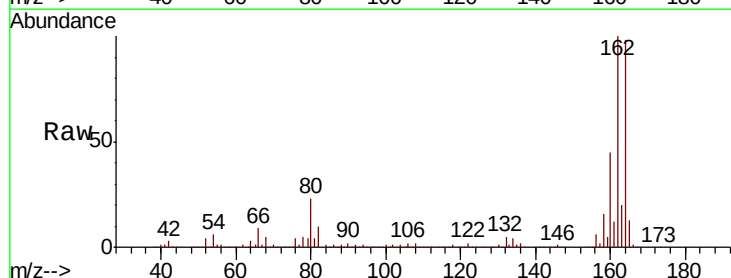
Instrument :
BNA_F
ClientSampleId :
B-3(13-15)DL

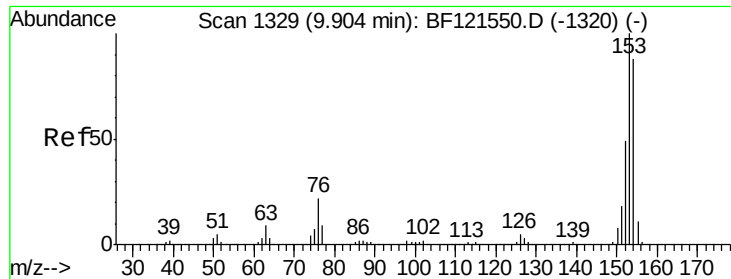
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.0	43.6
170	23.2	19.5	29.3



#51
2,6-Dinitrotoluene
Concen: 8.950 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	49.8	74.6#
89	1.4	48.2	72.2#





#52

Acenaphthene

Concen: 4.101 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

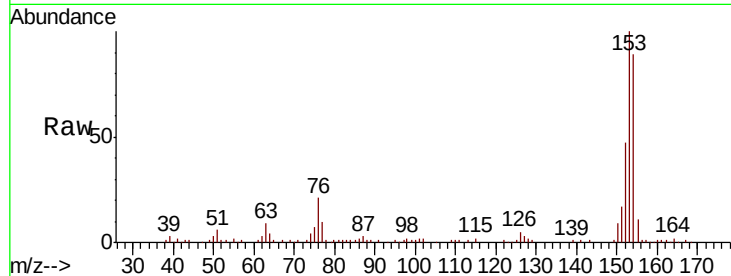
Tot Ion:154 Resp: 76562

Ion Ratio Lower Upper

154 100

153 111.9 91.7 137.5

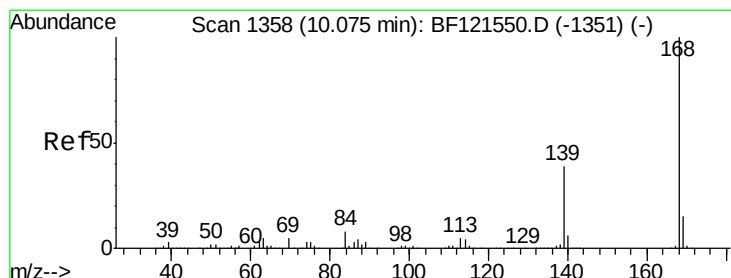
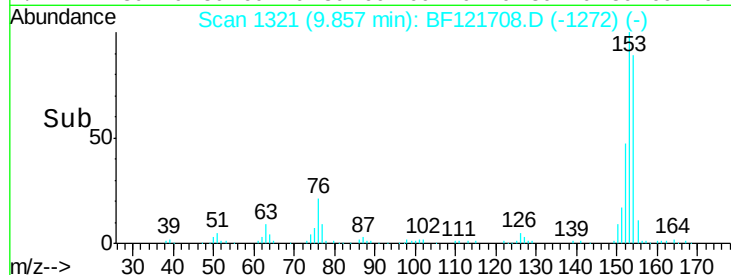
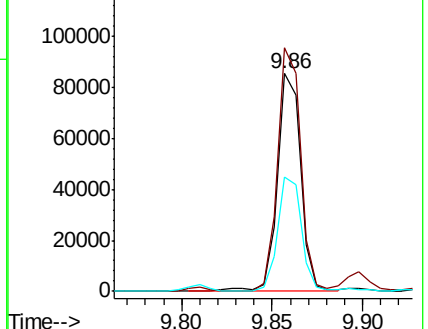
152 52.6 44.0 66.0



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: 3.899 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

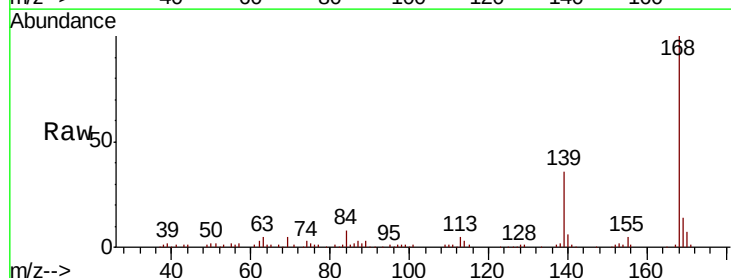
Tgt Ion:168 Resp: 102504

Ion Ratio Lower Upper

168 100

139 35.5 32.6 49.0

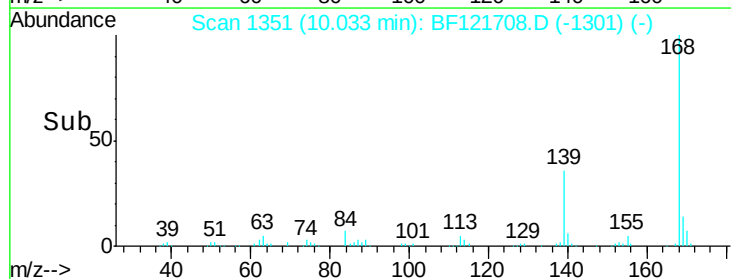
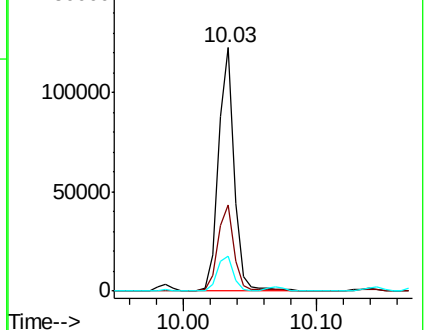
169 14.3 11.7 17.5

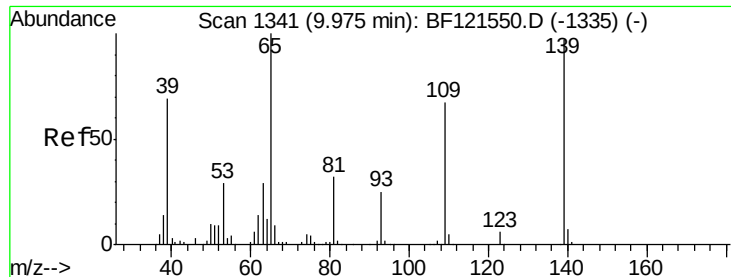


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 8.551 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.08 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

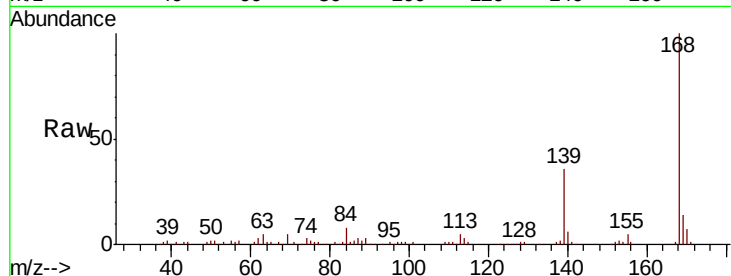
Tot Ion:139 Resp: 37178

Ion Ratio Lower Upper

139 100

109 2.5 49.0 89.0#

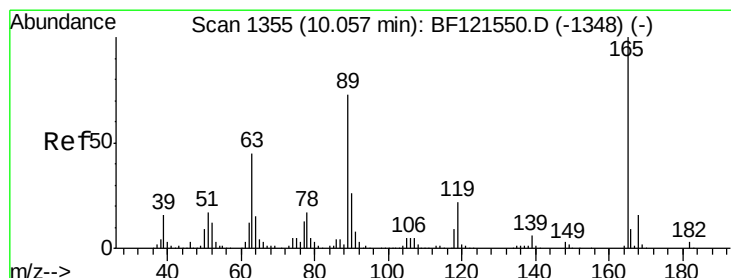
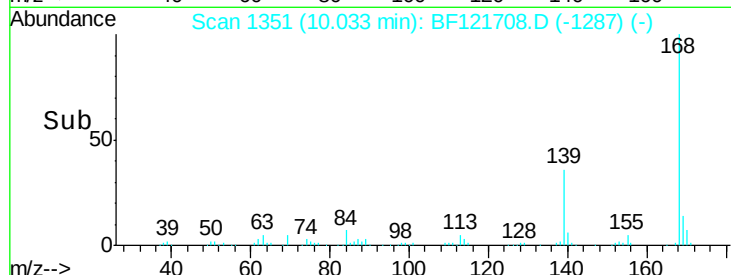
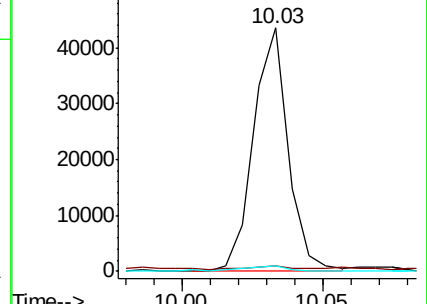
65 2.0 82.5 122.5#



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



#57

2,4-Dinitrotoluene

Concen: 7.114 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Tgt Ion:165 Resp: 42123

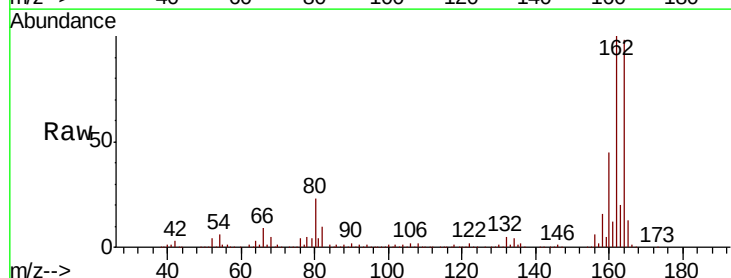
Ion Ratio Lower Upper

165 100

63 1.4 36.6 55.0#

89 1.4 57.6 86.4#

182 0.0 2.3 3.5#

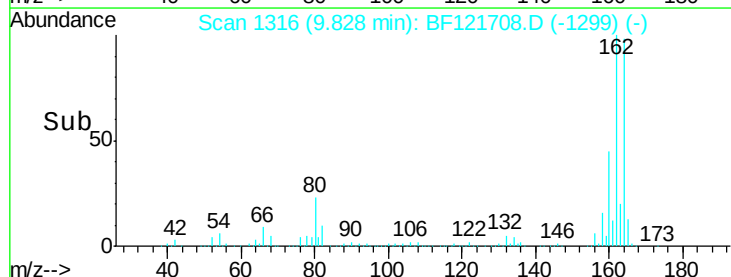
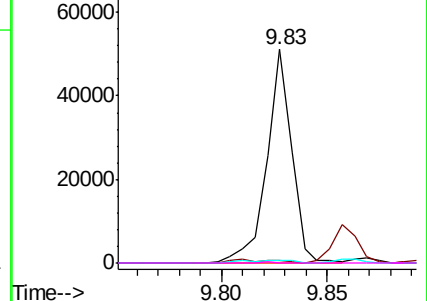


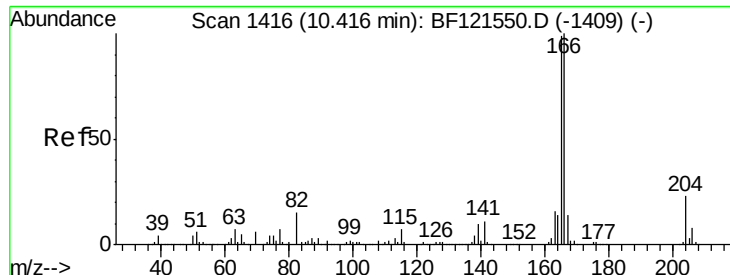
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 6.409 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

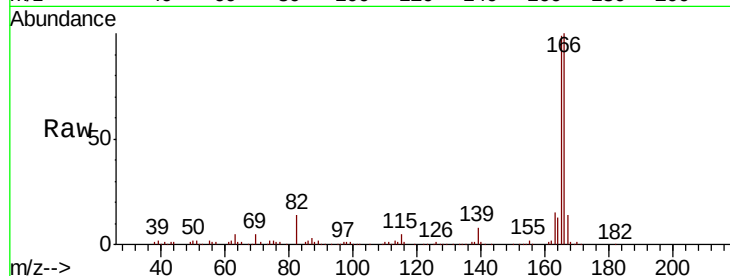
Tot Ion:166 Resp: 128845

Ion Ratio Lower Upper

166 100

165 99.3 78.8 118.2

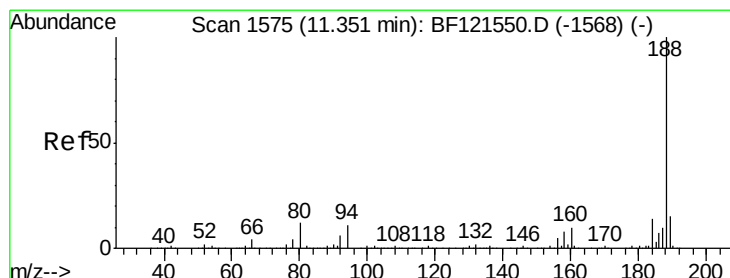
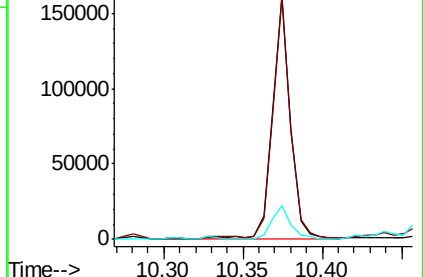
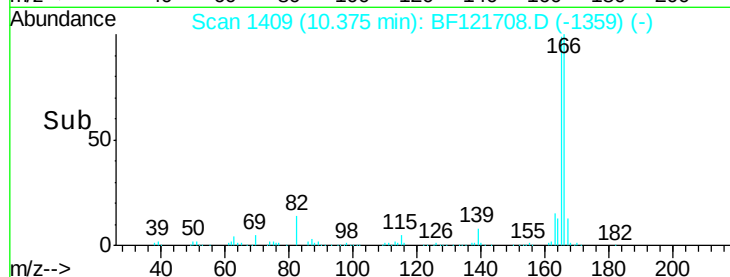
167 13.6 11.0 16.4



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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

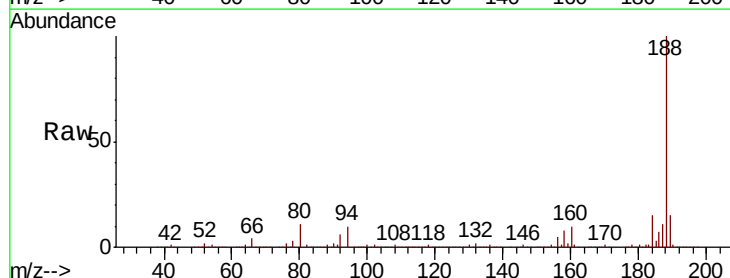
Tgt Ion:188 Resp: 581458

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

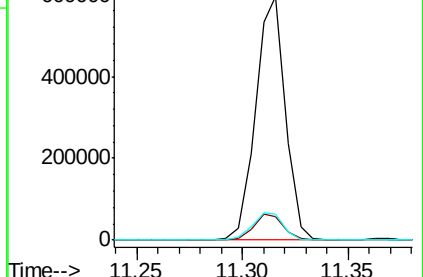
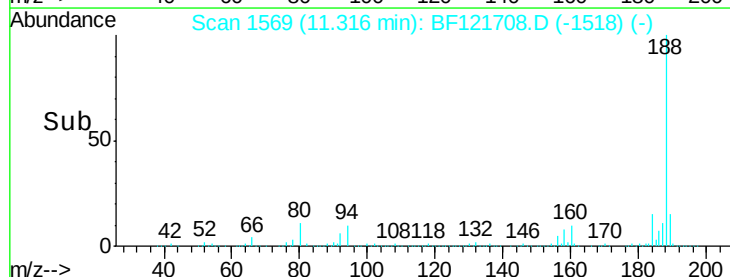
80 10.6 9.3 13.9

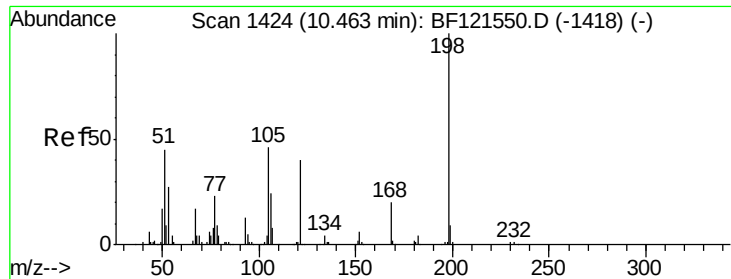


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

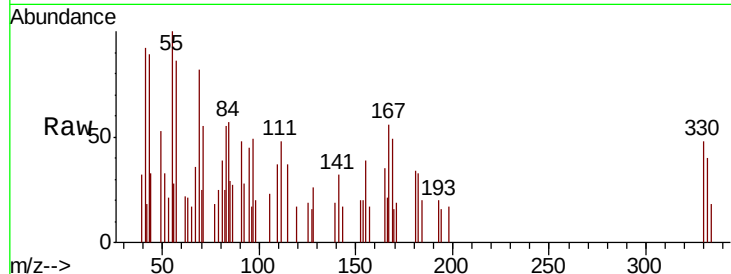




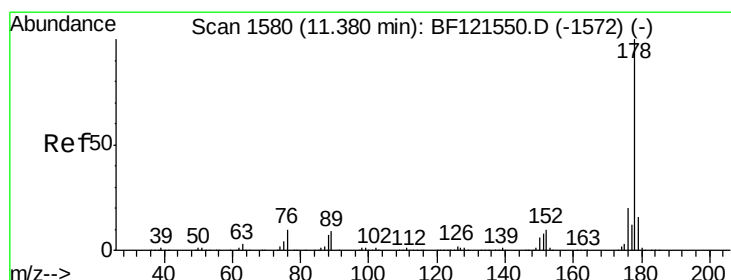
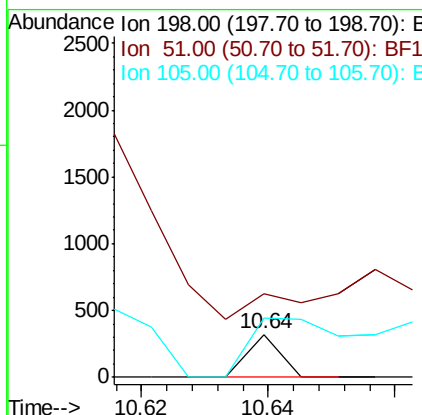
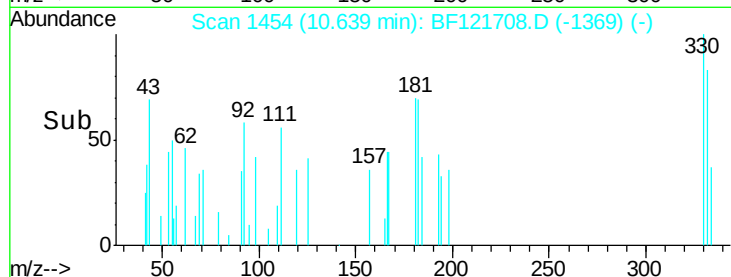
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.879 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.20 min
 Lab File: BF121708.D
 Acq: 28 Sep 2020 13:03

Instrument :
 BNA_F
 ClientSampleID :
 B-3(13-15)DL

Tot Ion:198 Resp: 114
 Ion Ratio Lower Upper
 198 100
 51 194.7 18.8 58.8#
 105 137.0 18.5 58.5#

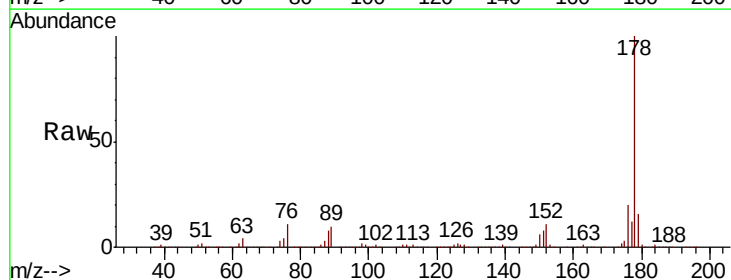


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

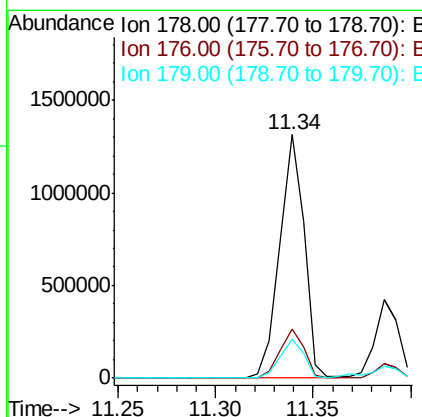
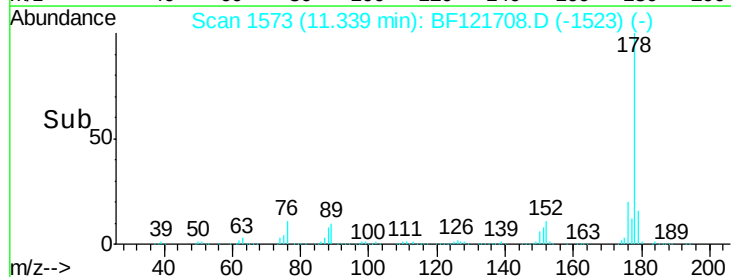


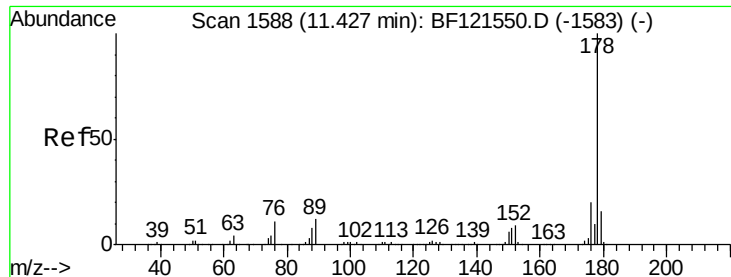
#71
 Phenanthrene
 Concen: 36.049 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF121708.D
 Acq: 28 Sep 2020 13:03

Tgt Ion:178 Resp: 1142033
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.9 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: 10.591 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

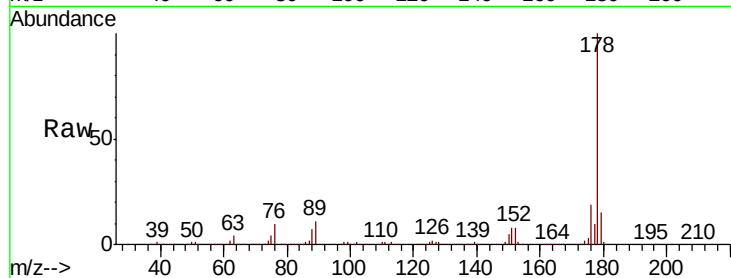
Tot Ion:178 Resp: 346258

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

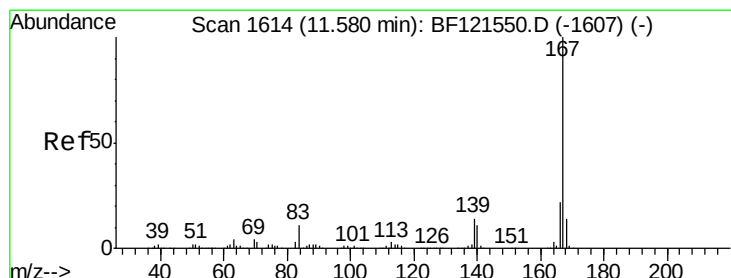
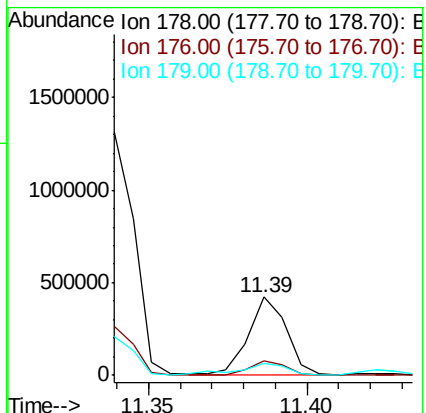
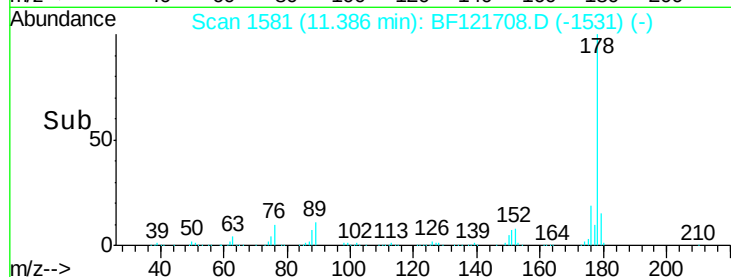
179 15.4 12.7 19.1



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: 4.157 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

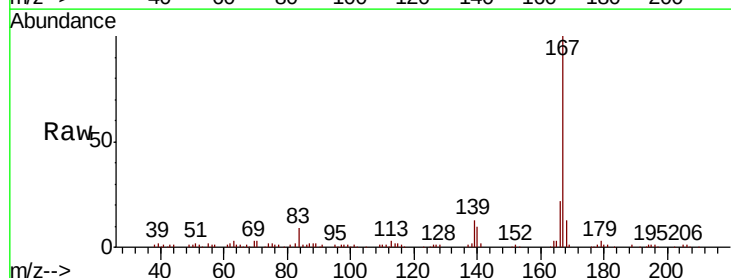
Tgt Ion:167 Resp: 122646

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

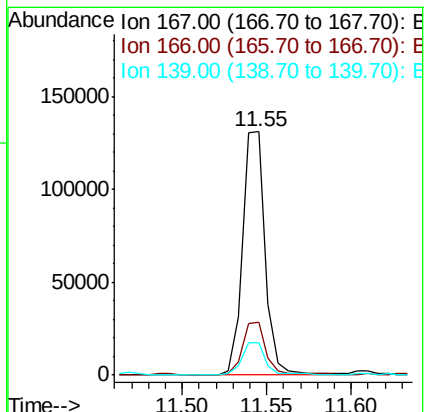
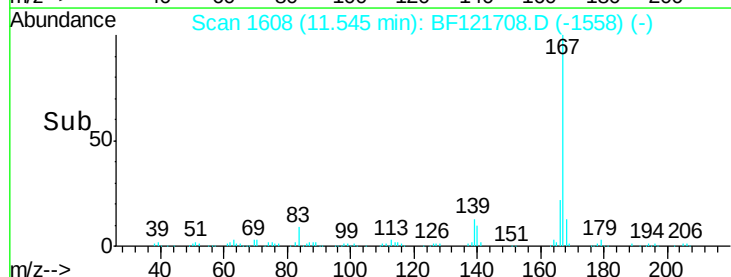
139 13.1 10.7 16.1

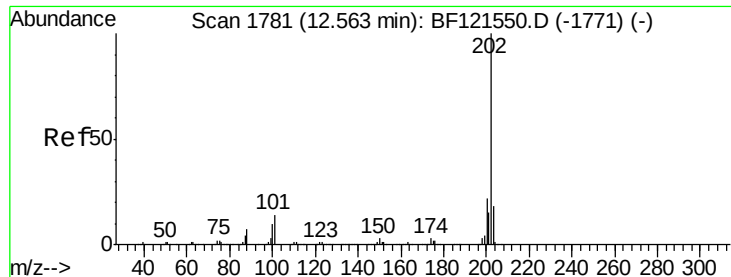


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 40.764 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

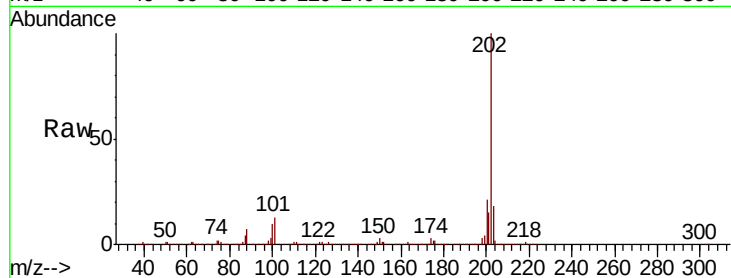
Tot Ion:202 Resp: 1378572

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.7

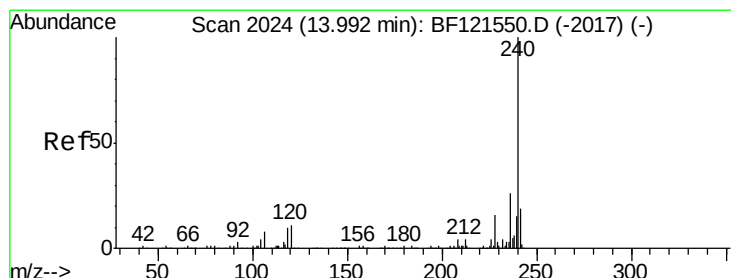
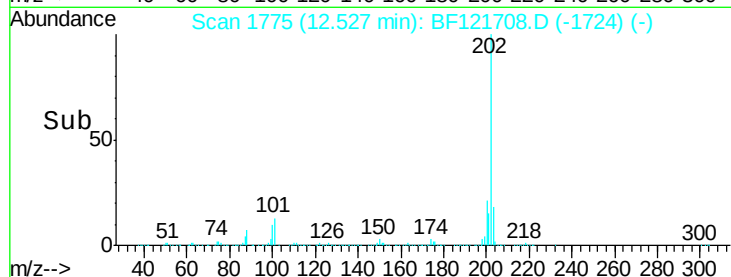
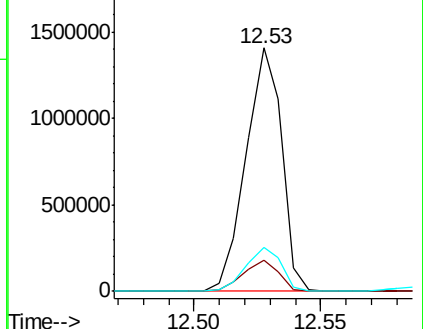
203 17.9 0.0 38.5



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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

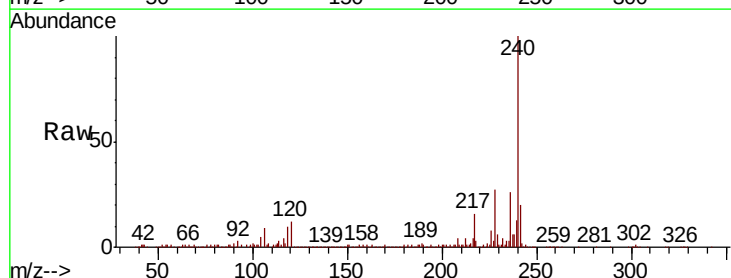
Tgt Ion:240 Resp: 424500

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

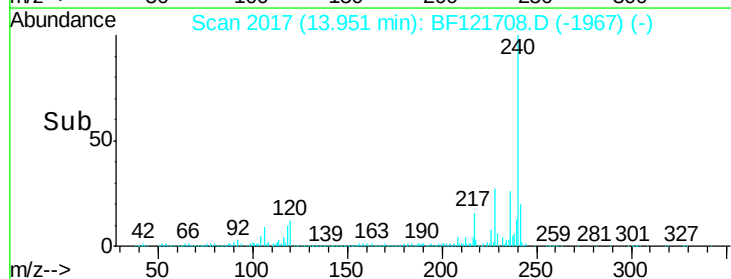
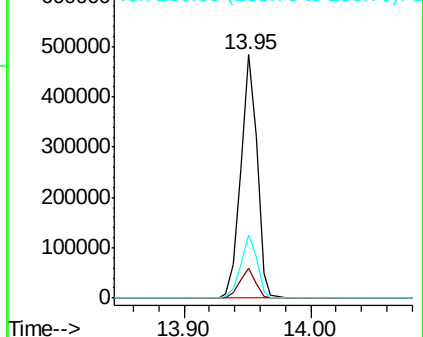
236 25.7 20.6 30.8

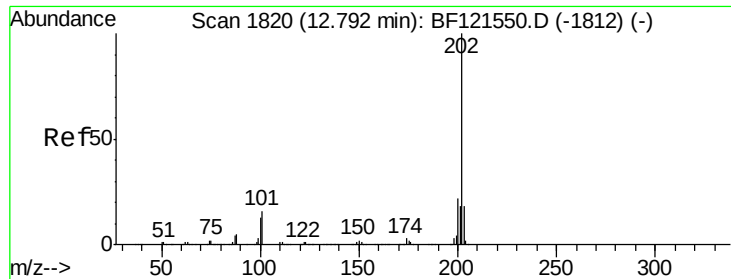


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

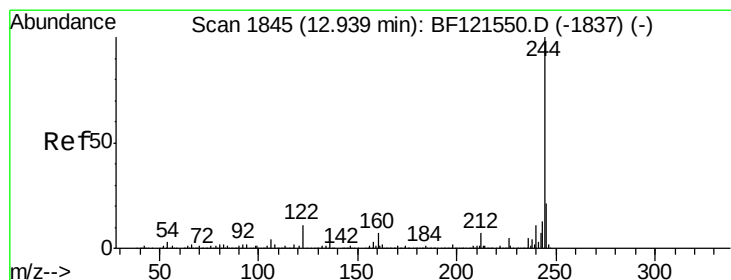
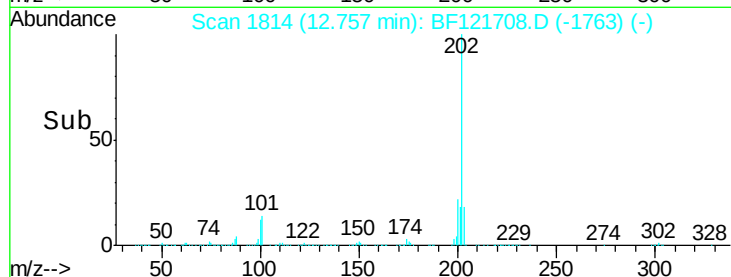
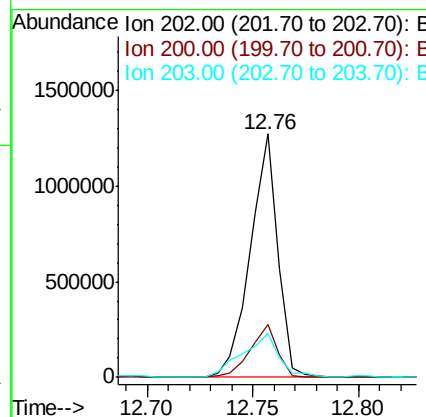
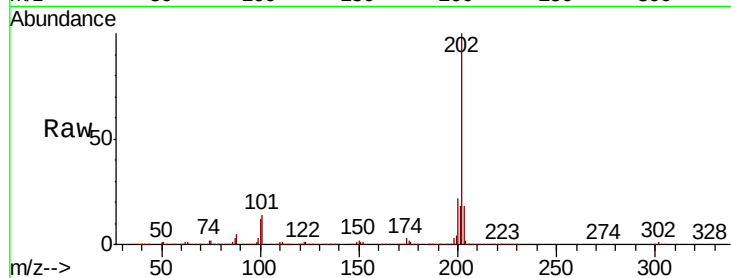




#78
Pvrene
Concen: 37.100 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

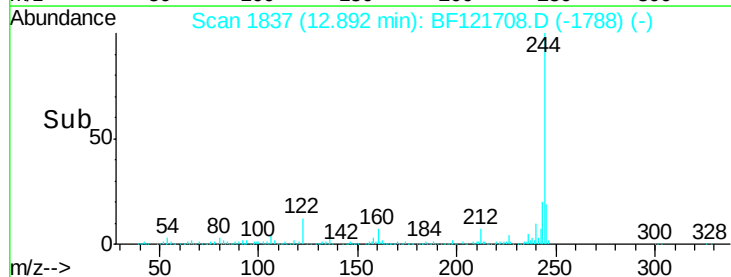
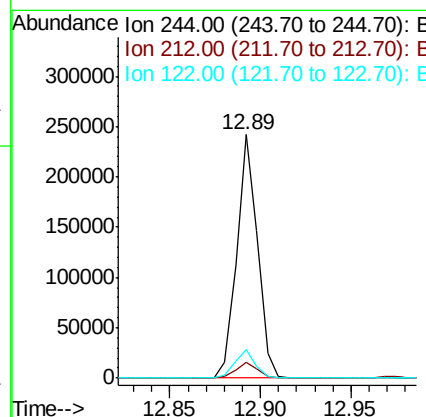
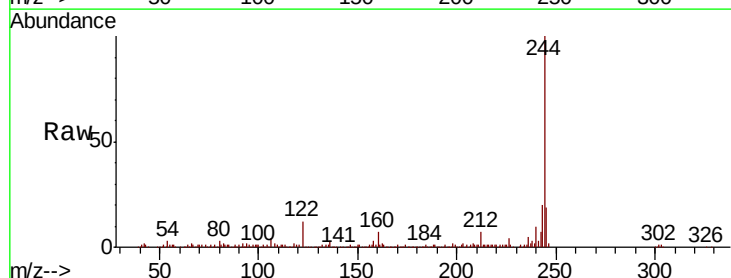
Instrument :
BNA_F
ClientSampleId :
B-3(13-15)DL

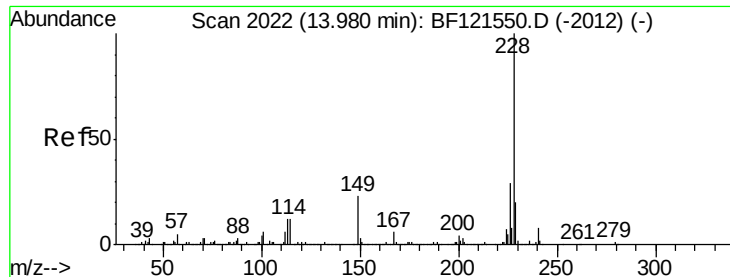
Tot Ion:202 Resp: 1150678
Ion Ratio Lower Upper
202 100
200 21.9 17.8 26.8
203 18.3 14.3 21.5



#79
Terphenyl-d14
Concen: 9.194 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

Tgt Ion:244 Resp: 192658
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.7 8.0 12.0

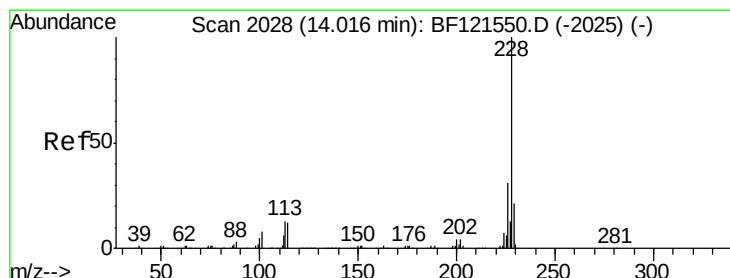
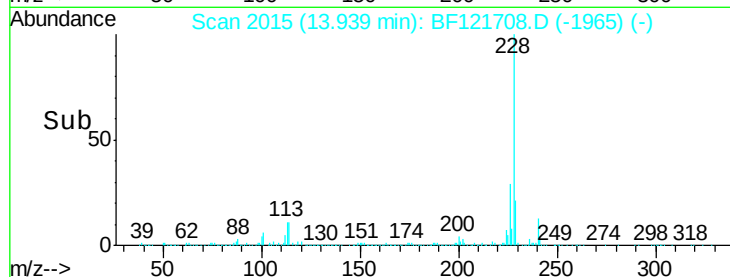
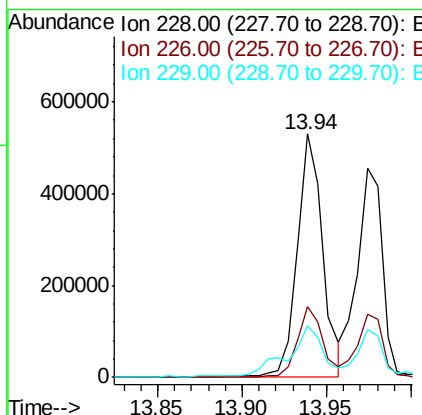
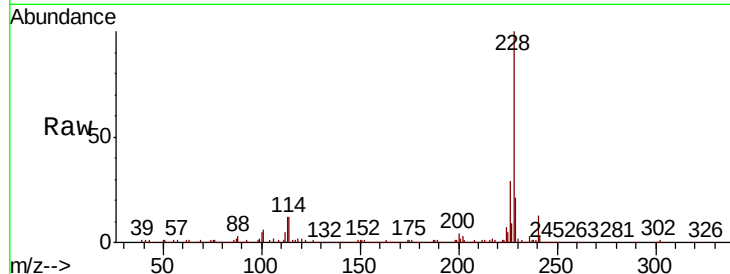




#81
Benzo(a)anthracene
Concen: 20.721 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

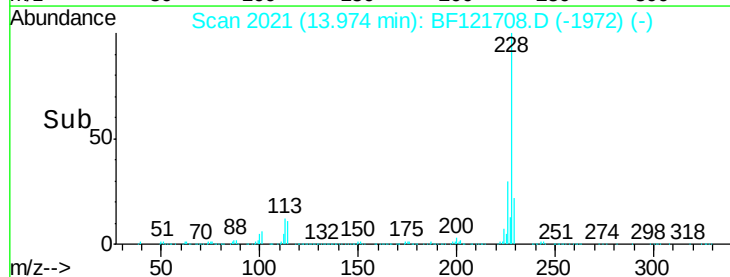
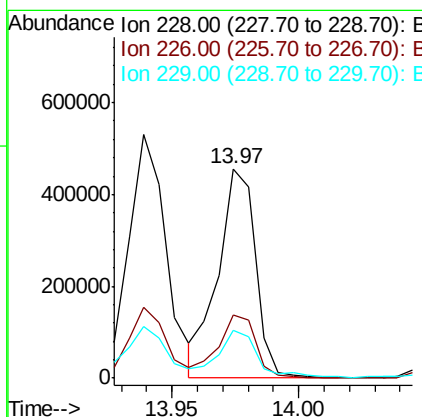
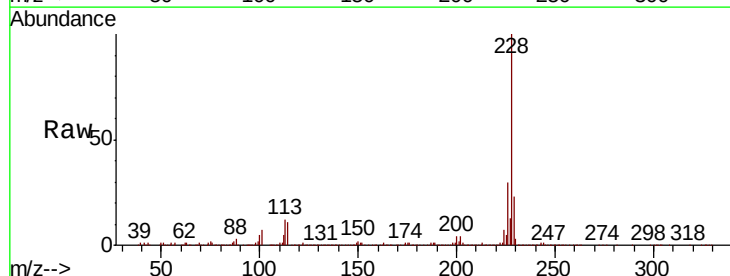
Instrument :
BNA_F
ClientSampleId :
B-3(13-15)DL

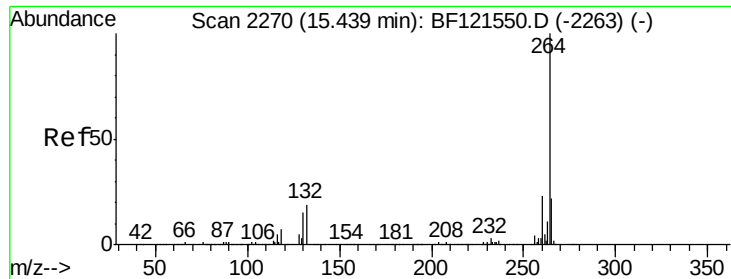
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.5	33.7
229	21.1	16.2	24.4



#83
Chrysene
Concen: 17.093 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	22.7	16.0	24.0

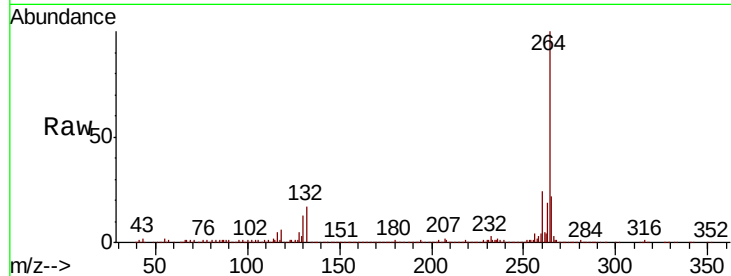




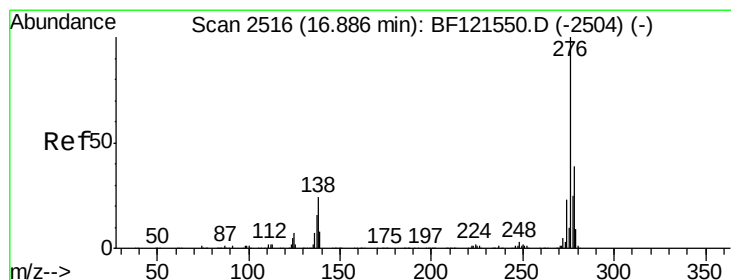
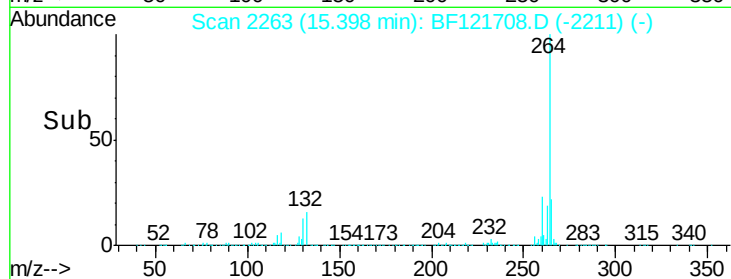
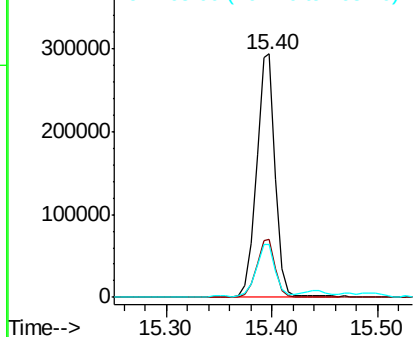
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

Instrument :
BNA_F
ClientSampleId :
B-3(13-15)DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.9	17.2	25.8

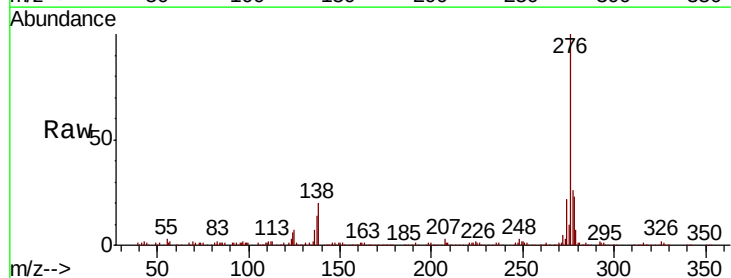


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

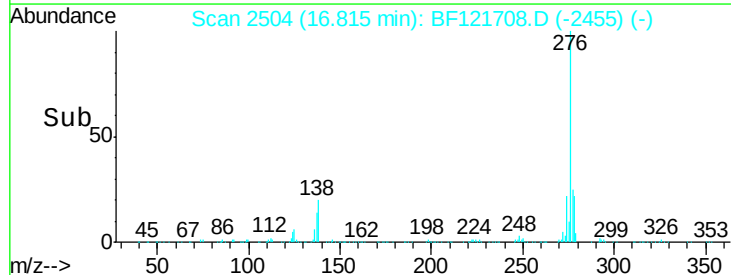
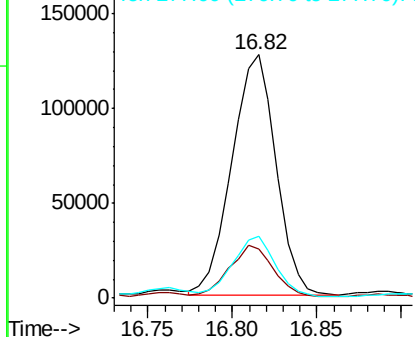


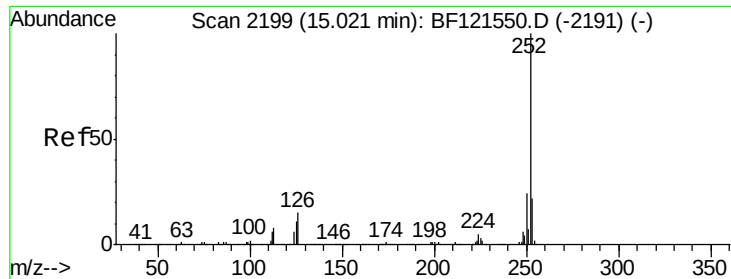
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.621 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.5	29.3
277	24.5	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

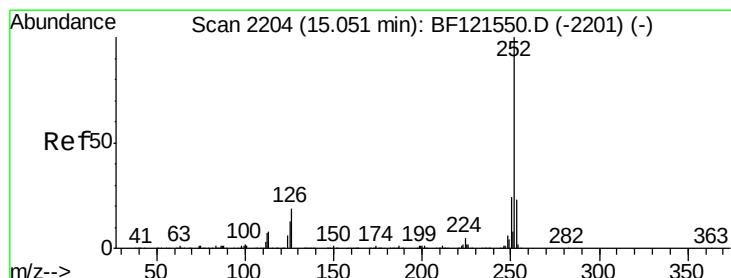
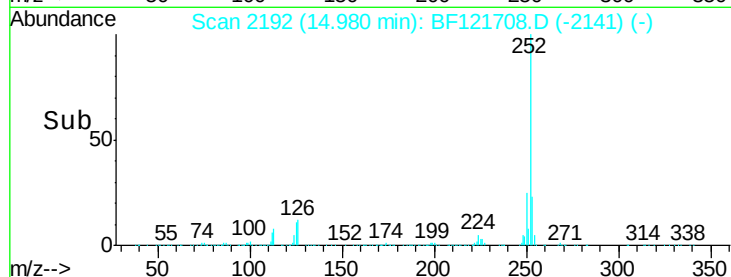
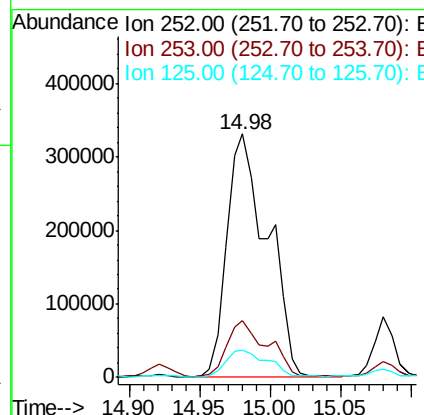
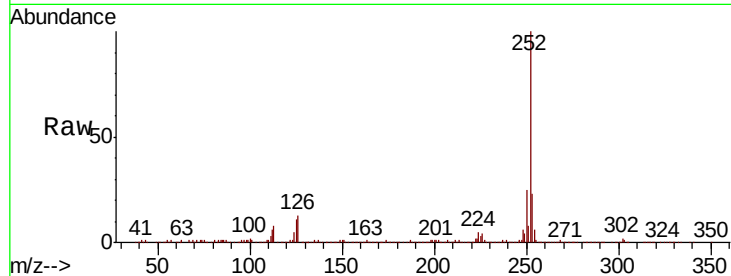




#88
Benzo(b)fluoranthene
Concen: 26.854 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

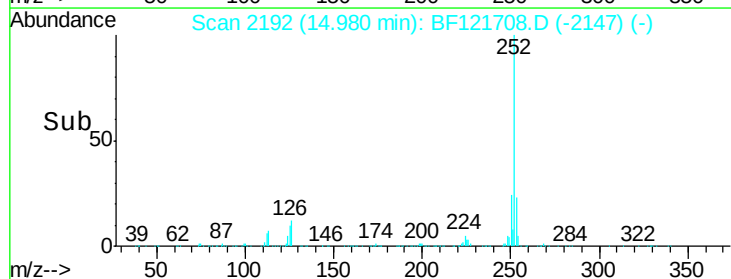
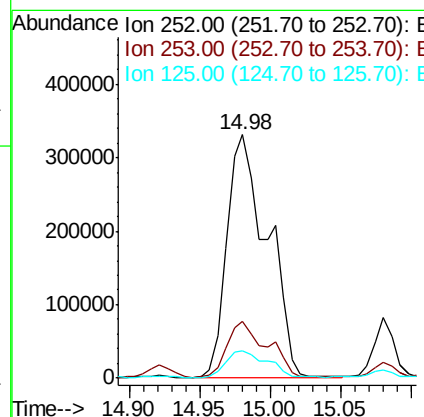
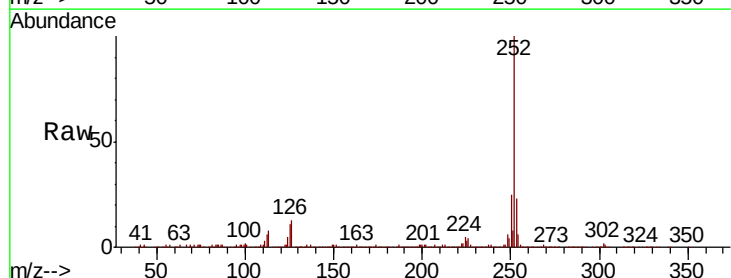
Instrument :
BNA_F
ClientSampleId :
B-3(13-15)DL

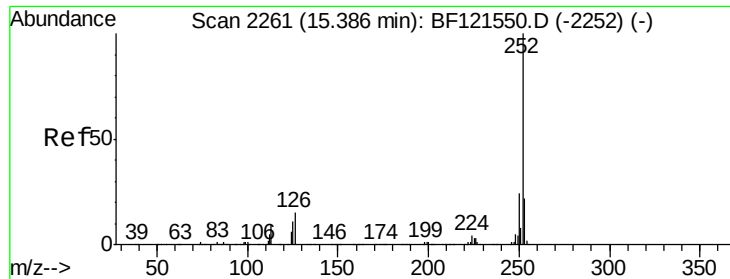
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	11.0	8.6	13.0



#89
Benzo(k)fluoranthene
Concen: 29.325 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.04 min
Lab File: BF121708.D
Acq: 28 Sep 2020 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	11.0	7.1	10.7#





#90

Benzo(a)pyrene

Concen: 16.949 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

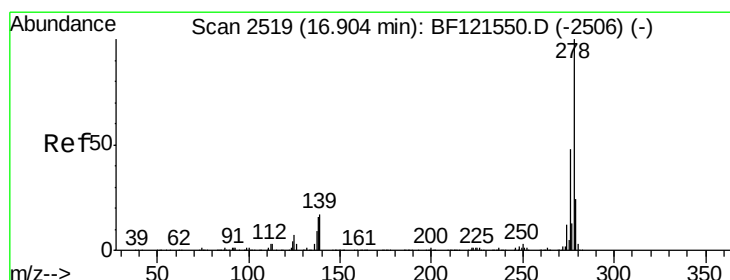
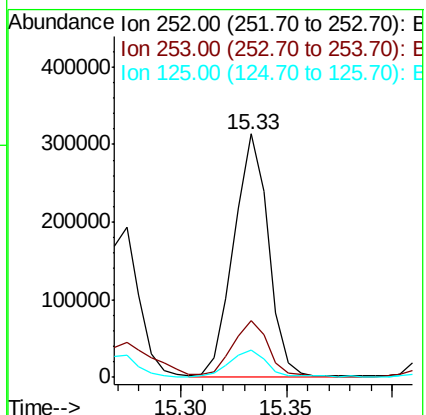
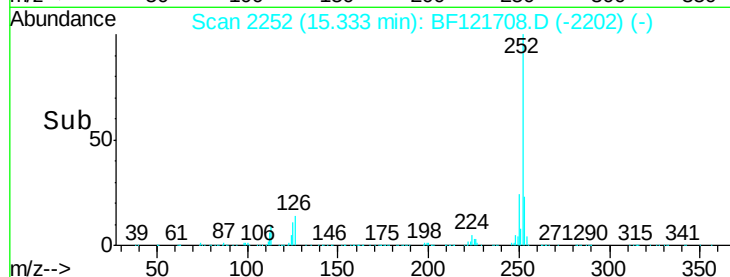
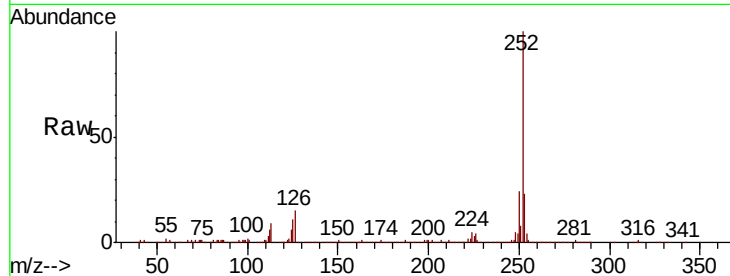
Tot Ion:252 Resp: 354436

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 11.3 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 3.105 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

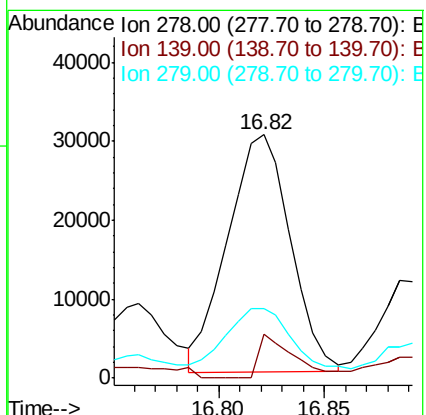
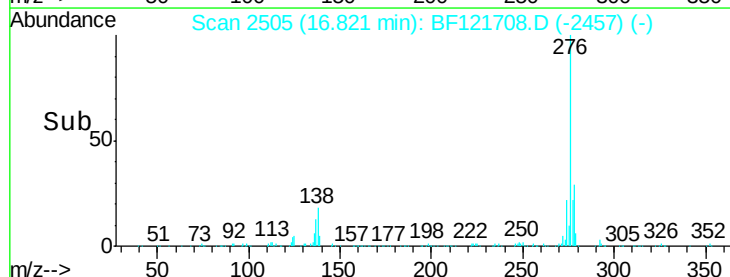
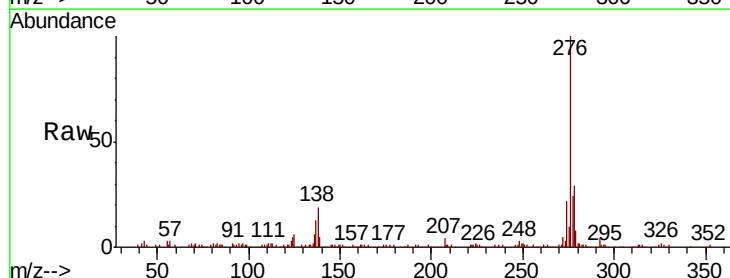
Tgt Ion:278 Resp: 61935

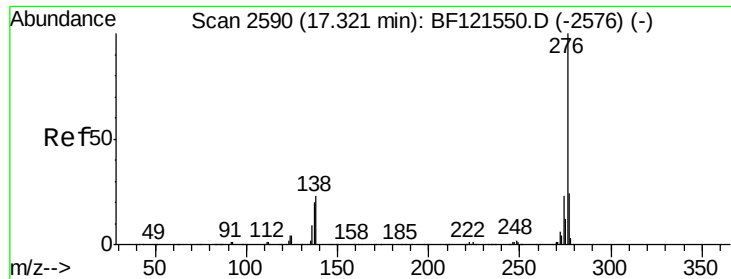
Ion Ratio Lower Upper

278 100

139 18.0 13.0 19.4

279 28.3 19.3 28.9





#92

Benzo(a,h,i)perylene

Concen: 11.195 ng

RT: 17.24 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF121708.D

Acq: 28 Sep 2020 13:03

Instrument :

BNA_F

ClientSampleId :

B-3(13-15)DL

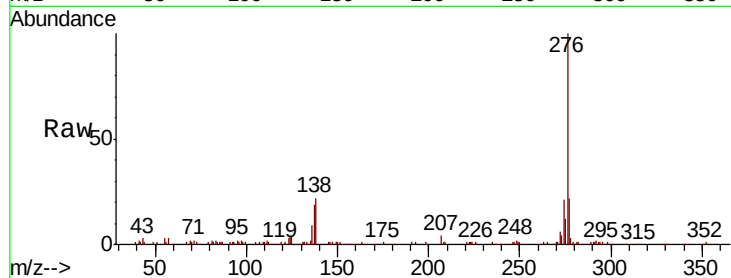
Tot Ion:276 Resp: 219536

Ion Ratio Lower Upper

276 100

277 22.2 18.8 28.2

138 22.1 16.6 25.0



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

