

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127030.D
 Acq On : 23 Feb 2022 01:33
 Operator : CG\JU
 Sample : N1628-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-3

Quant Time: Feb 23 02:03:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

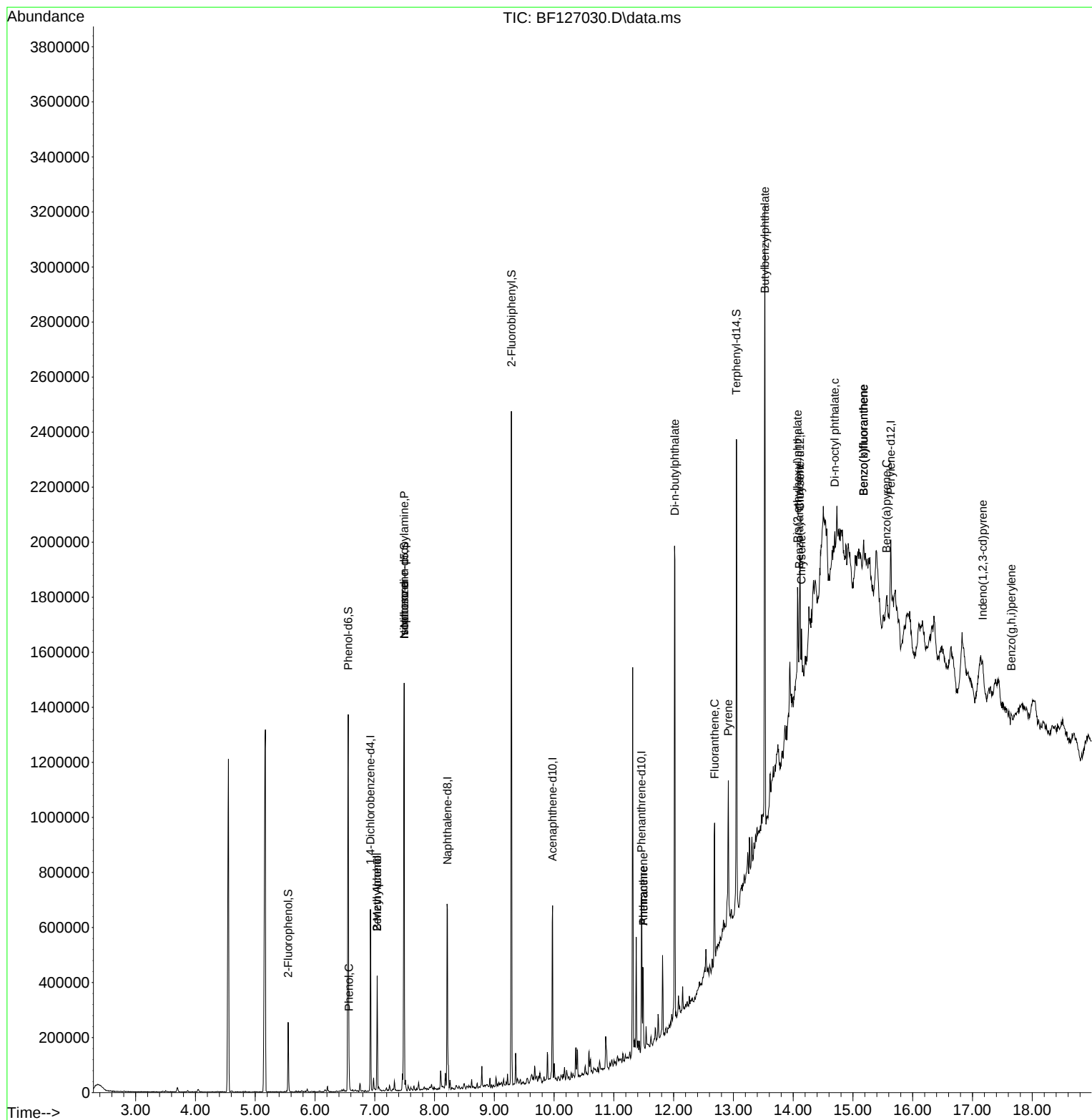
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	78264	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	282827	20.000	ng	# 0.01
39) Acenaphthene-d10	9.974	164	118218	20.000	ng	0.01
64) Phenanthrene-d10	11.463	188	189182	20.000	ng	# 0.01
76) Chrysene-d12	14.115	240	112181	20.000	ng	# 0.02
86) Perylene-d12	15.633	264	87191	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	54897	10.841	ng	0.01
7) Phenol-d6	6.557	99	401252	58.724	ng	0.01
23) Nitrobenzene-d5	7.492	82	434119	69.283	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	2702	1.985	ng	0.01
45) 2-Fluorobiphenyl	9.286	172	605670	75.423	ng	0.00
79) Terphenyl-d14	13.051	244	528307	69.230	ng	0.01
Target Compounds						
						Qvalue
10) Phenol	6.569	94	17624	2.553	ng	78
15) Benzyl Alcohol	7.039	79	21037	3.655	ng	# 57
17) 2-Methylphenol	7.039	107	10765	2.290	ng	# 1
19) n-Nitroso-di-n-propyla...	7.492	70	62389	14.170	ng	# 80
25) Isophorone	7.492	82	431491	41.616	ng	# 69
71) Phenanthrene	11.492	178	107464	10.149	ng	99
72) Anthracene	11.492	178	107464	10.194	ng	98
74) Di-n-butylphthalate	12.021	149	867830	69.831	ng	99
75) Fluoranthene	12.686	202	184005	18.301	ng	92
78) Pyrene	12.915	202	157101	16.119	ng	98
80) Butylbenzylphthalate	13.527	149	444484	96.335	ng	90
81) Benzo(a)anthracene	14.104	228	77958	10.308	ng	95
83) Chrysene	14.139	228	65968	9.276	ng	96
84) Bis(2-ethylhexyl)phtha...	14.074	149	93417	15.422	ng	# 98
85) Di-n-octyl phthalate	14.698	149	25490	2.923	ng	# 71
87) Indeno(1,2,3-cd)pyrene	17.174	276	20790	3.636	ng	# 82
88) Benzo(b)fluoranthene	15.180	252	83321	14.228	ng	# 48
89) Benzo(k)fluoranthene	15.180	252	83321	14.751	ng	# 47
90) Benzo(a)pyrene	15.562	252	39145	8.558	ng	# 35
92) Benzo(g,h,i)perylene	17.650	276	22206	4.764	ng	# 69

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

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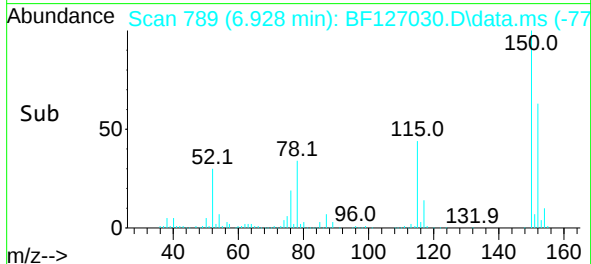
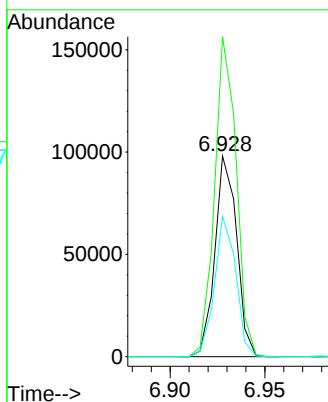
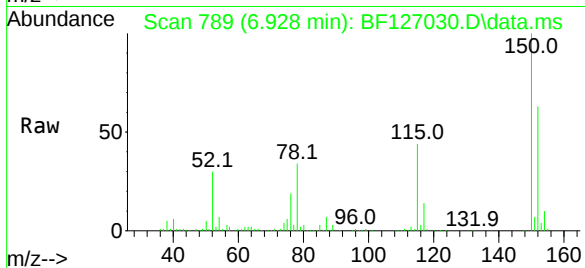




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

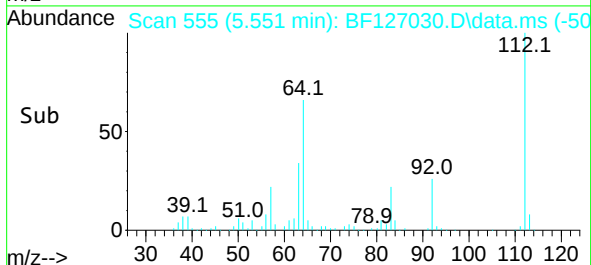
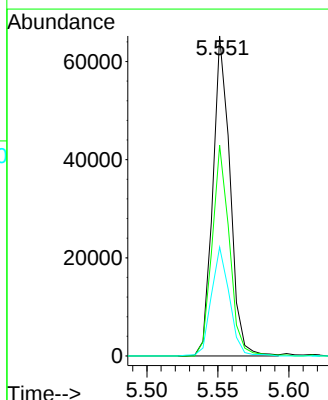
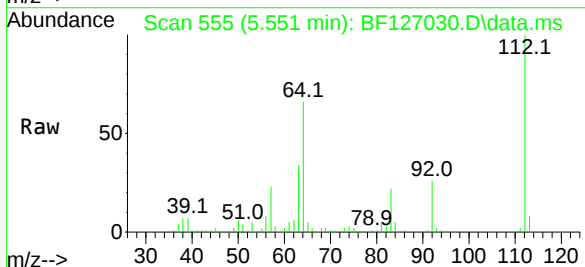
Instrument :
BNA_F
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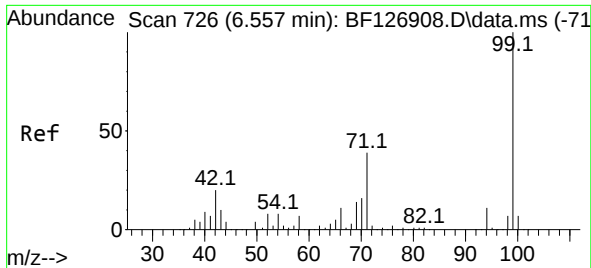
Tgt Ion:152 Resp: 78264
Ion Ratio Lower Upper
152 100
150 159.5 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 10.841 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion:112 Resp: 54897
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 34.0 23.9 35.9





#7

Phenol-d6

Concen: 58.724 ng

RT: 6.557 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

Instrument :

BNA_F

ClientSampleId :

BP-3

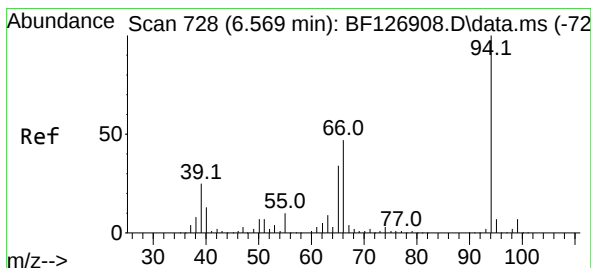
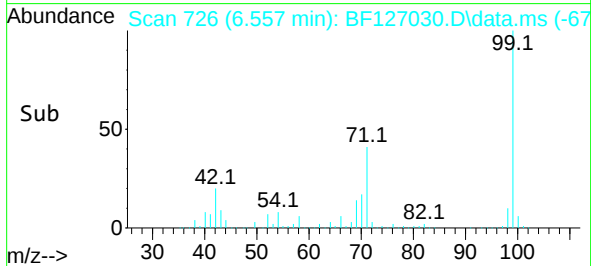
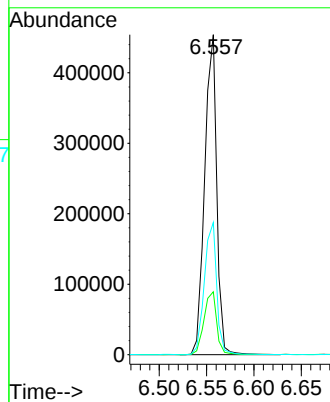
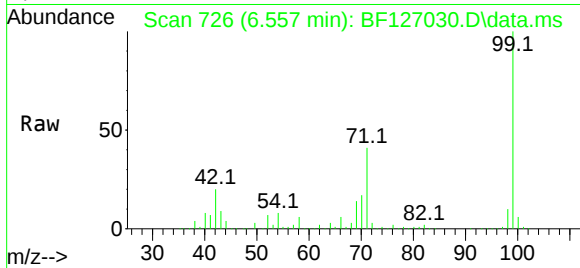
Tgt Ion: 99 Resp: 401252

Ion Ratio Lower Upper

99 100

42 19.7 14.2 21.4

71 41.3 24.3 36.5#



#10

Phenol

Concen: 2.553 ng

RT: 6.569 min Scan# 728

Delta R.T. 0.006 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

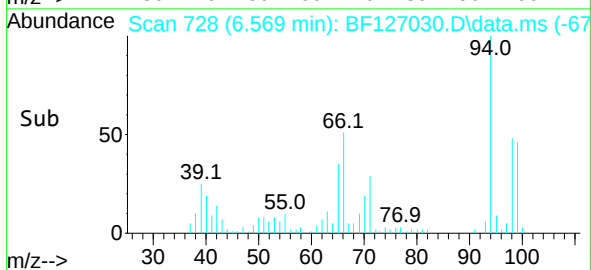
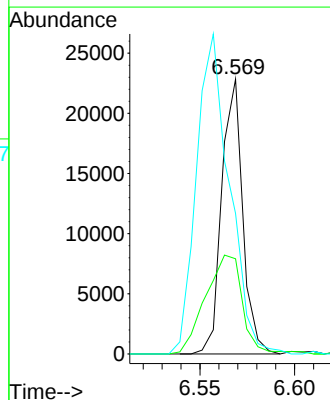
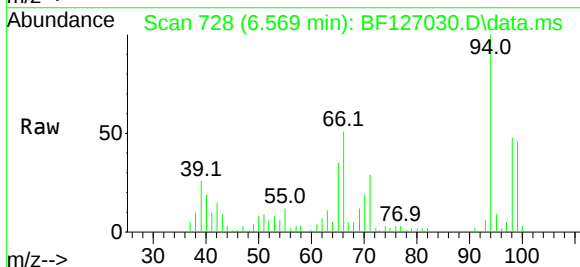
Tgt Ion: 94 Resp: 17624

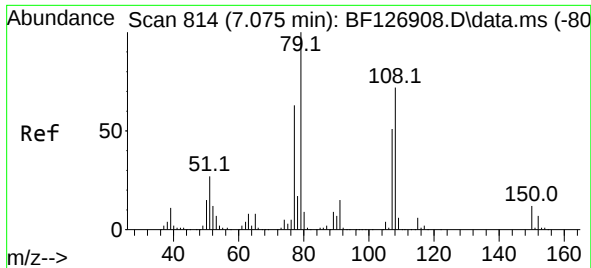
Ion Ratio Lower Upper

94 100

65 34.6 7.2 47.2

66 51.1 14.5 54.5

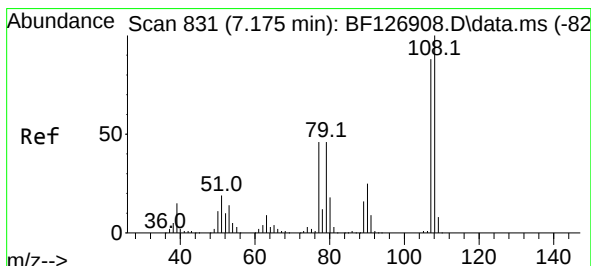
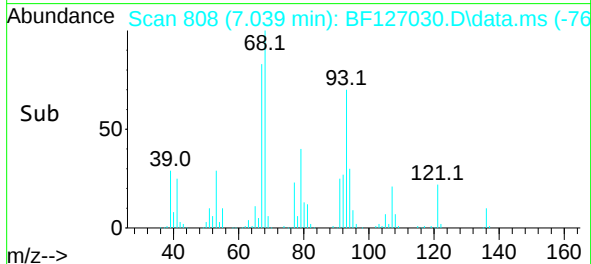
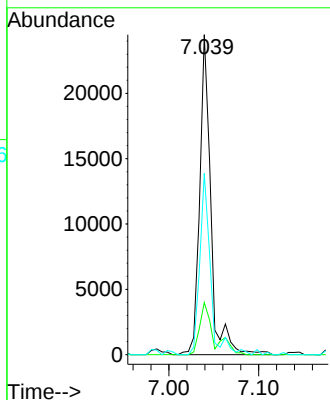
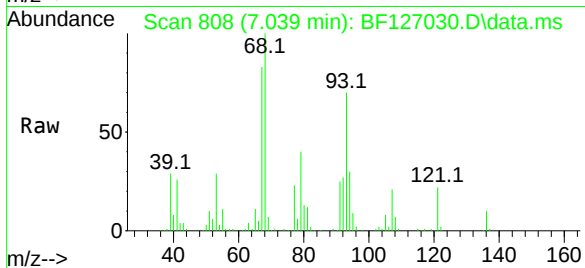




#15
Benzyl Alcohol
Concen: 3.655 ng
RT: 7.039 min Scan# 808
Delta R.T. -0.024 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

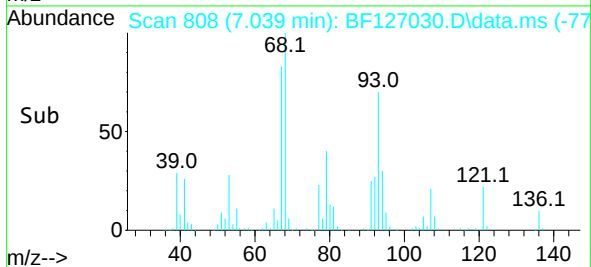
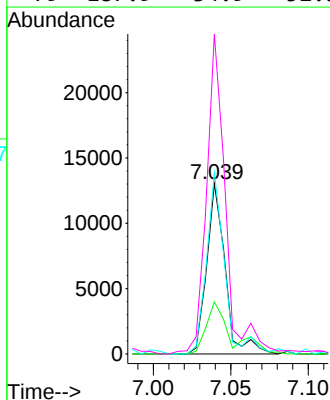
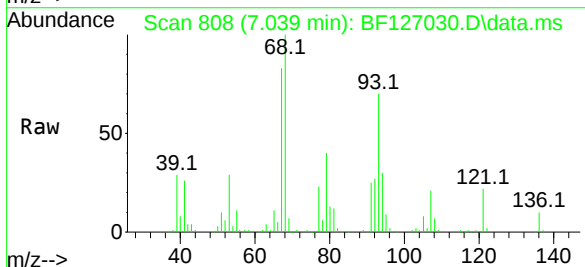
Instrument :
BNA_F
ClientSampleId :
BP-3

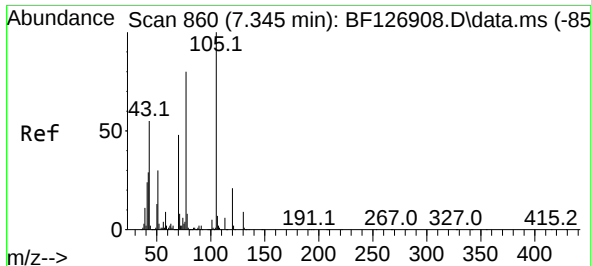
Tgt Ion: 79 Resp: 21037
Ion Ratio Lower Upper
79 100
108 16.3 63.2 94.8#
77 56.6 49.4 74.2



#17
2-Methylphenol
Concen: 2.290 ng
RT: 7.039 min Scan# 808
Delta R.T. -0.130 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion: 107 Resp: 10765
Ion Ratio Lower Upper
107 100
108 30.7 93.4 140.0#
77 106.4 36.1 54.1#
79 187.9 34.9 52.3#

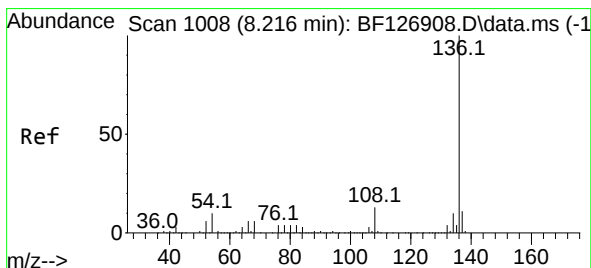
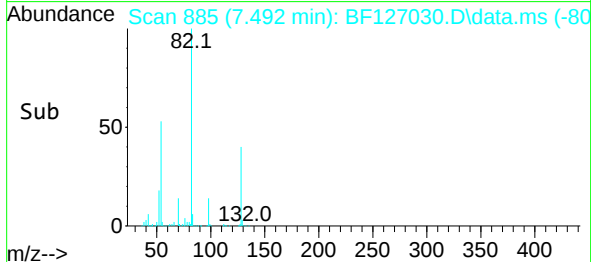
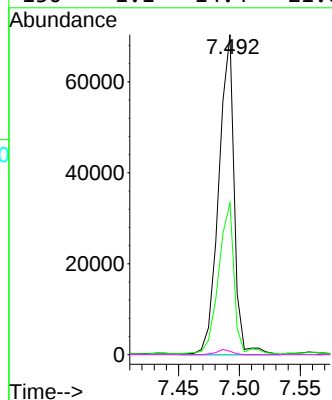
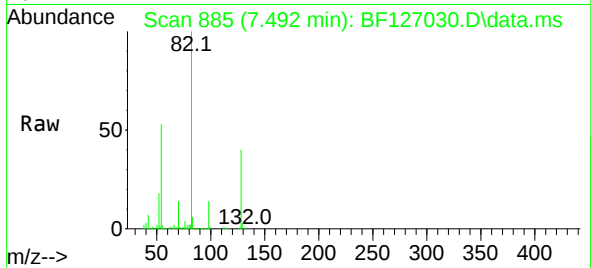




#19
n-Nitroso-di-n-propylamine
Concen: 14.170 ng
RT: 7.492 min Scan# 81
Delta R.T. 0.159 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

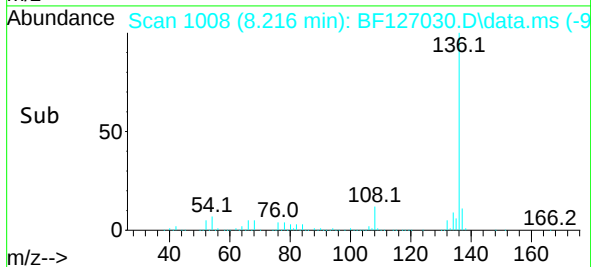
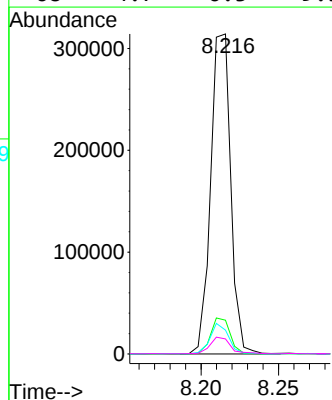
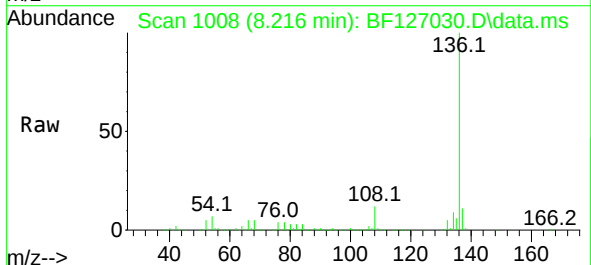
Instrument :
BNA_F
ClientSampleId :
BP-3

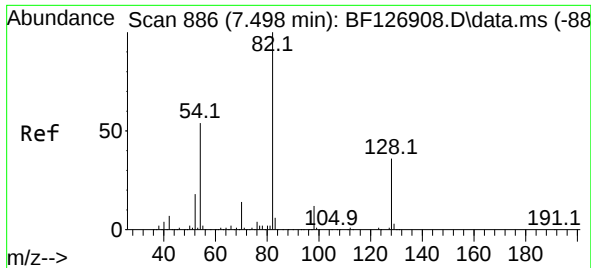
Tgt Ion: 70 Resp: 62389
Ion Ratio Lower Upper
70 100
42 47.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.1 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.012 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion: 136 Resp: 282827
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.4 7.8 11.6#
68 4.7 6.3 9.5#

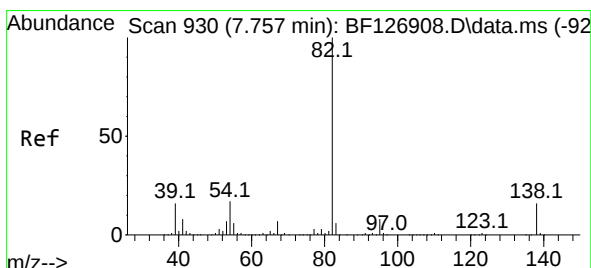
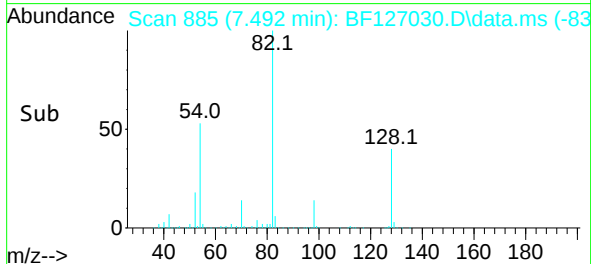
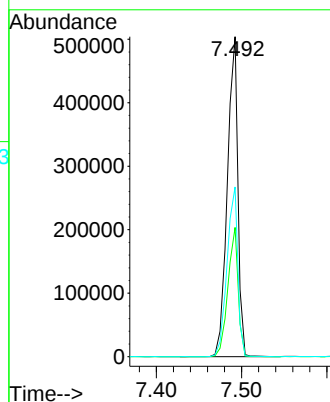
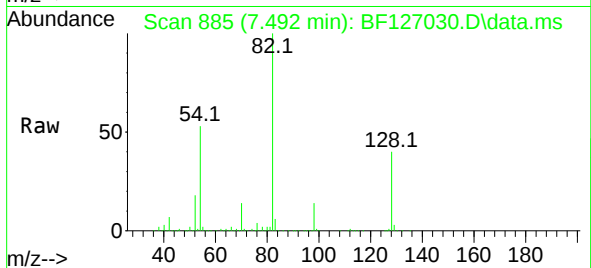




#23
Nitrobenzene-d5
Concen: 69.283 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

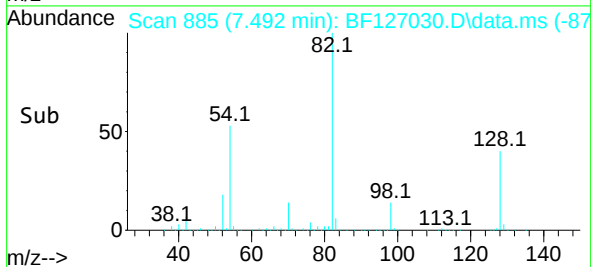
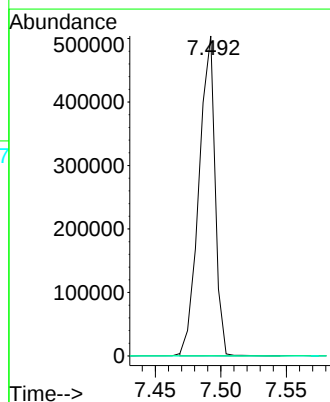
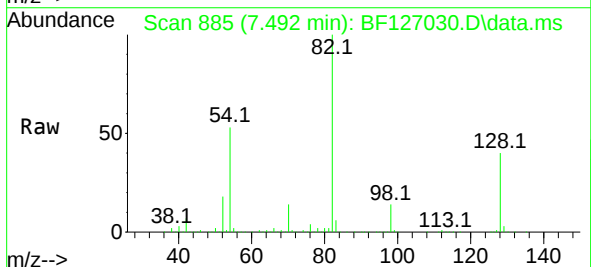
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ClientSampleId :
BP-3

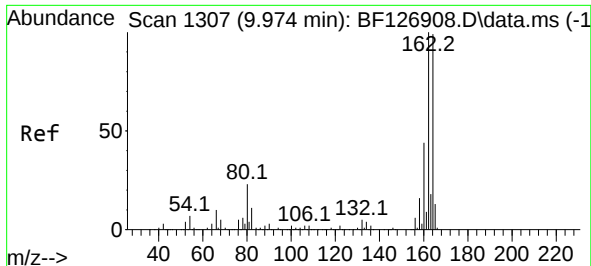
Tgt Ion: 82 Resp: 434119
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 53.0 41.7 62.5



#25
Isophorone
Concen: 41.616 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.253 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion: 82 Resp: 431491
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.974 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

Instrument :

BNA_F

ClientSampleId :

BP-3

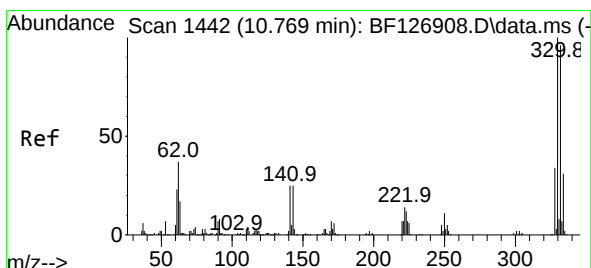
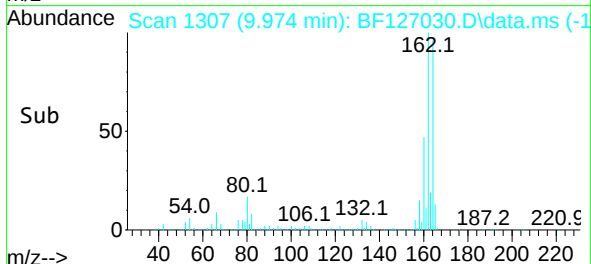
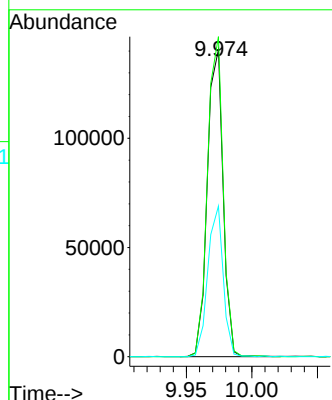
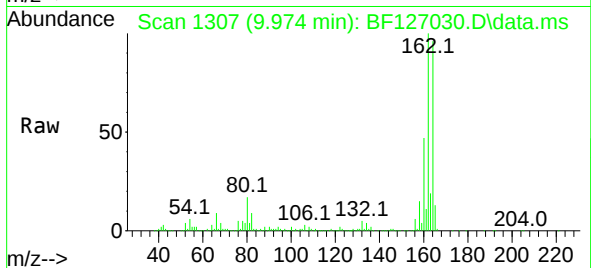
Tgt Ion:164 Resp: 118218

Ion Ratio Lower Upper

164 100

162 104.1 81.4 122.0

160 49.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 1.985 ng

RT: 10.763 min Scan# 1441

Delta R.T. 0.012 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

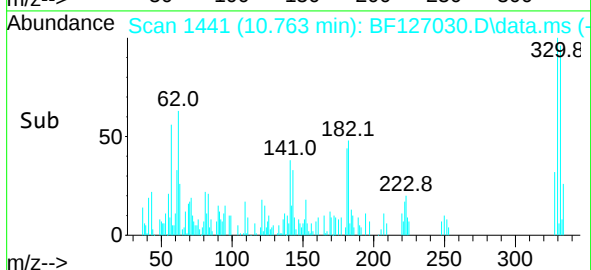
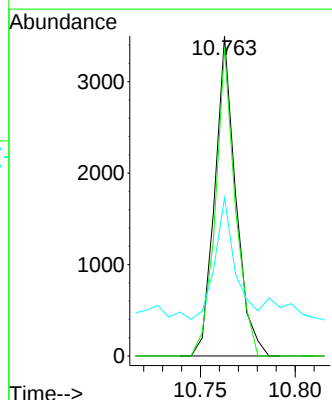
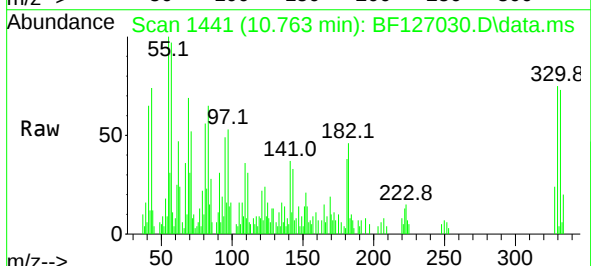
Tgt Ion:330 Resp: 2702

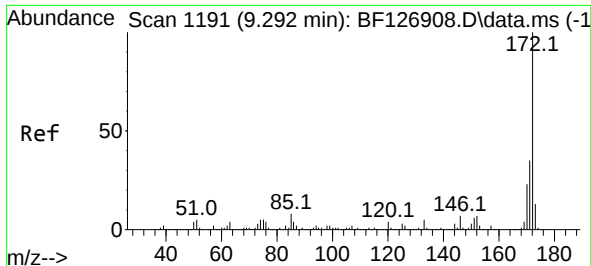
Ion Ratio Lower Upper

330 100

332 91.3 76.0 114.0

141 35.9 30.1 45.1

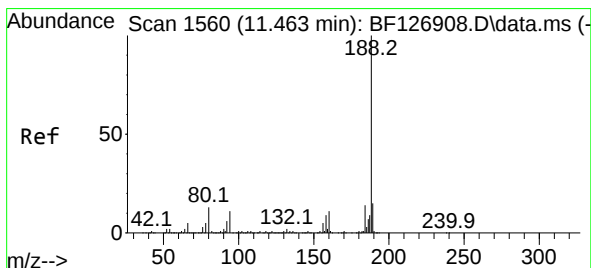
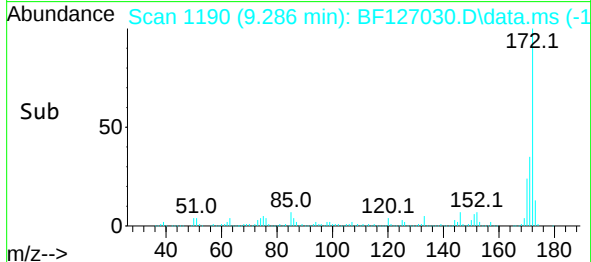
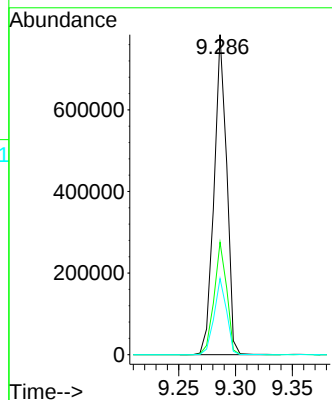
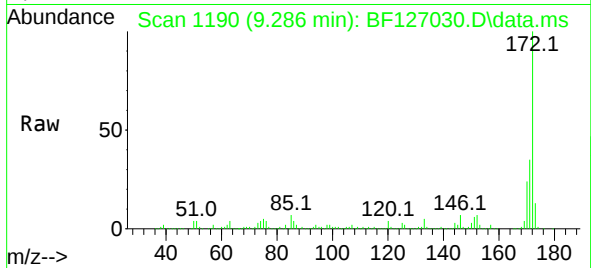




#45
2-Fluorobiphenyl
Concen: 75.423 ng
RT: 9.286 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

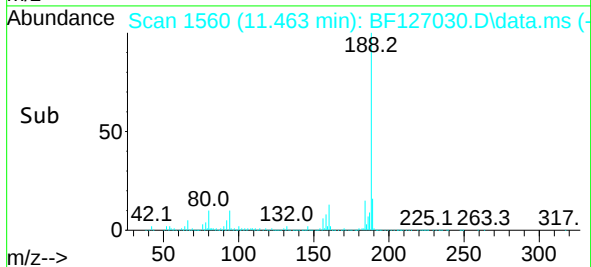
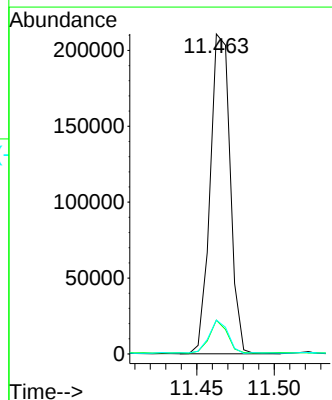
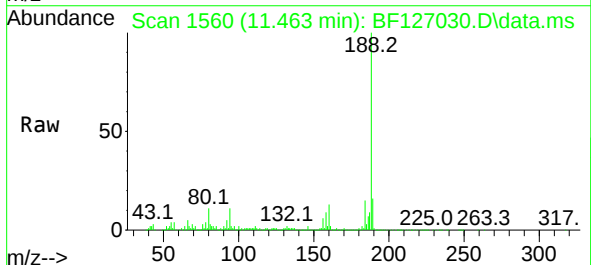
Instrument :
BNA_F
ClientSampleId :
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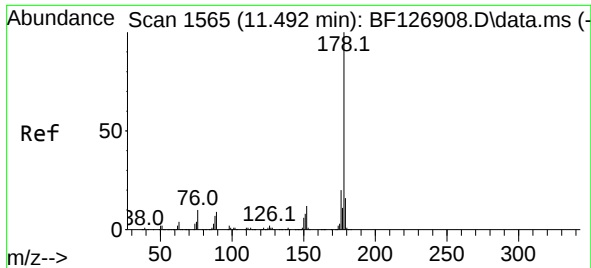
Tgt Ion:172 Resp: 605670
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.8 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.012 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion:188 Resp: 189182
Ion Ratio Lower Upper
188 100
94 10.5 10.1 15.1
80 10.6 11.8 17.6#

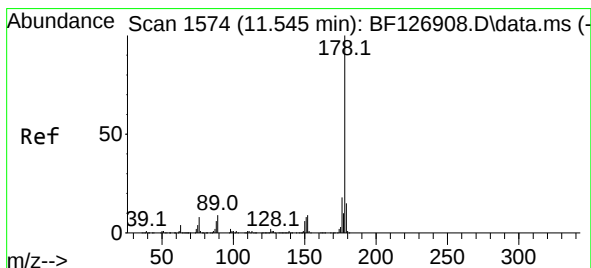
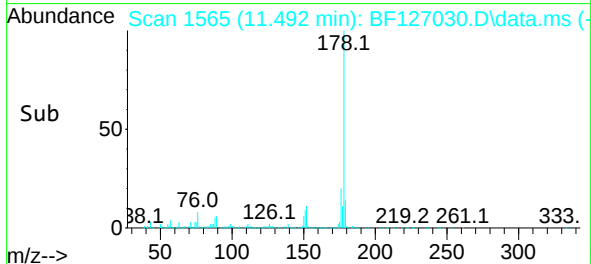
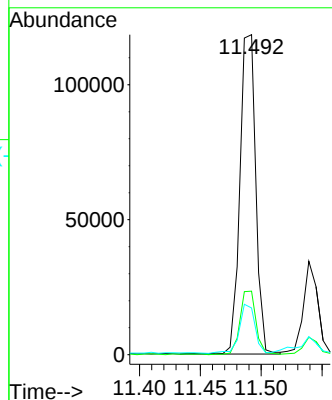
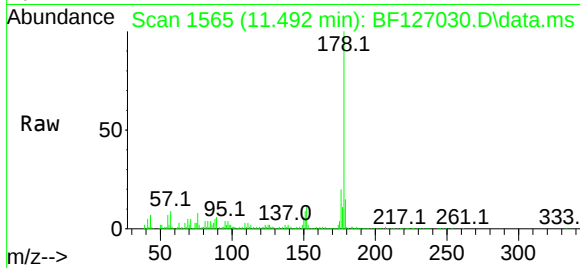




#71
Phenanthrene
Concen: 10.149 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.012 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

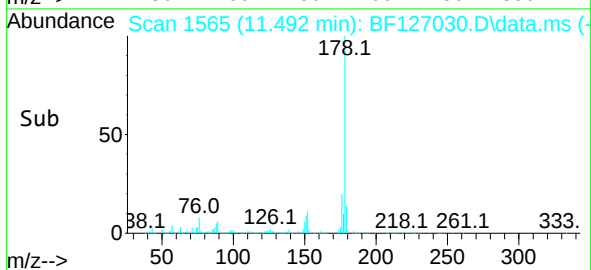
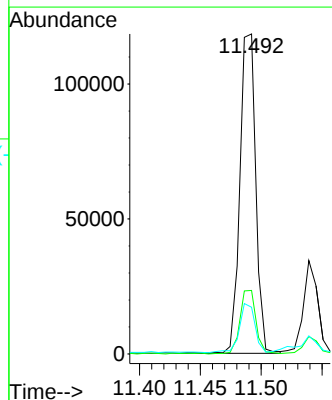
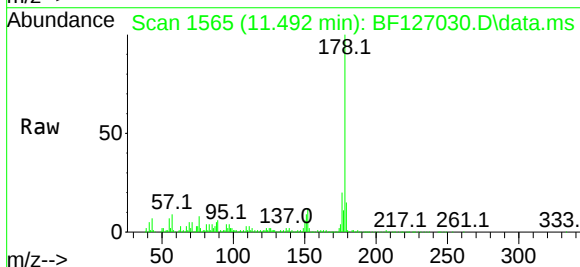
Instrument :
BNA_F
ClientSampleId :
BP-3

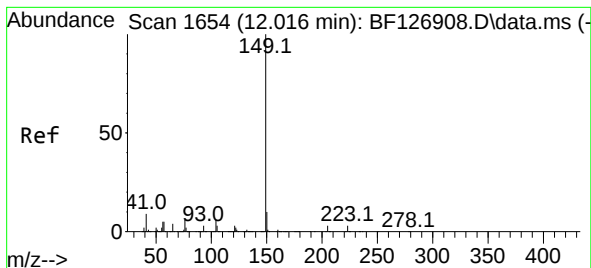
Tgt Ion:178 Resp: 107464
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 14.6 12.3 18.5



#72
Anthracene
Concen: 10.194 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.035 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion:178 Resp: 107464
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.6
179 14.6 12.5 18.7





#74

Di-n-butylphthalate

Concen: 69.831 ng

RT: 12.021 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

Instrument :

BNA_F

ClientSampleId :

BP-3

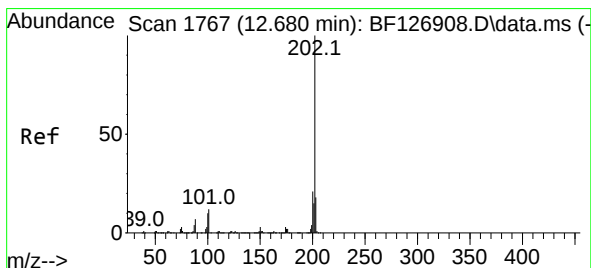
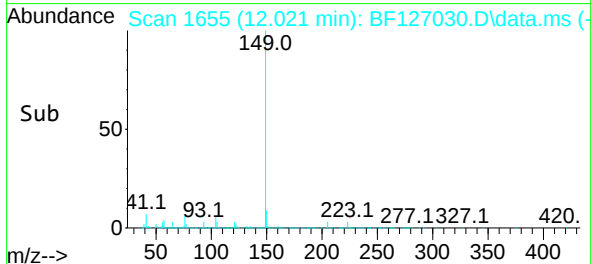
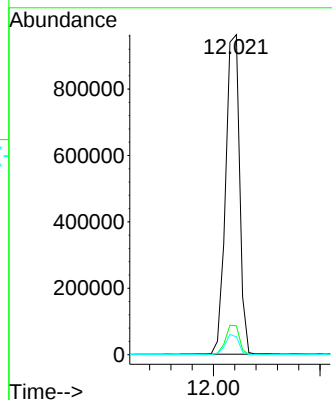
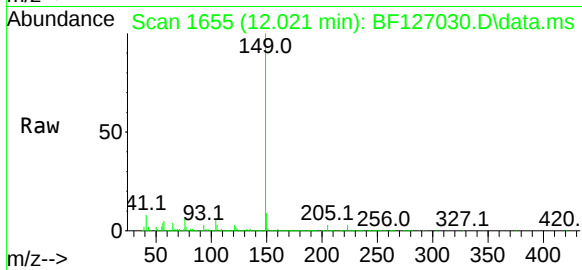
Tgt Ion:149 Resp: 867830

Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.6 4.2 6.2



#75

Fluoranthene

Concen: 18.301 ng

RT: 12.686 min Scan# 1768

Delta R.T. 0.018 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

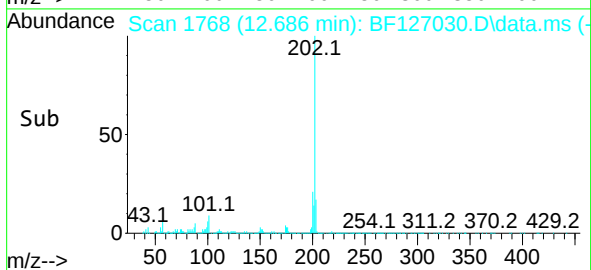
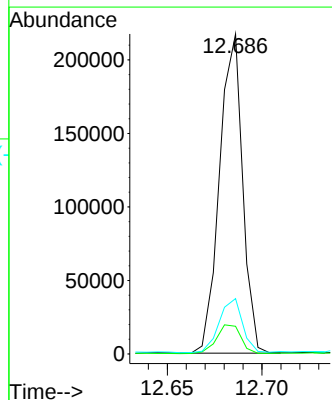
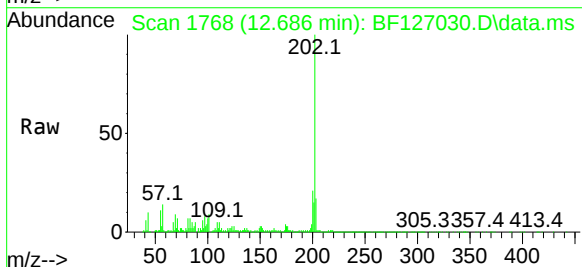
Tgt Ion:202 Resp: 184005

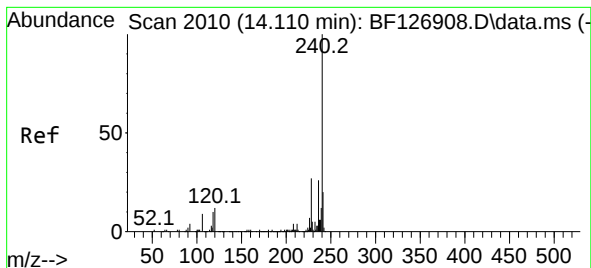
Ion Ratio Lower Upper

202 100

101 8.7 0.0 35.7

203 17.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

Instrument :

BNA_F

ClientSampleId :

BP-3

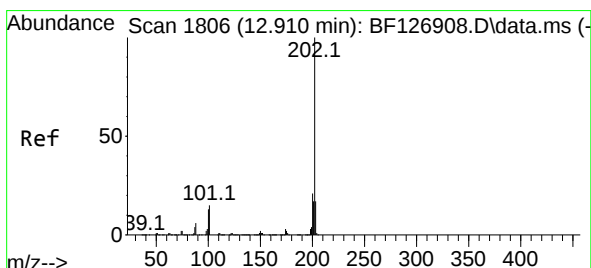
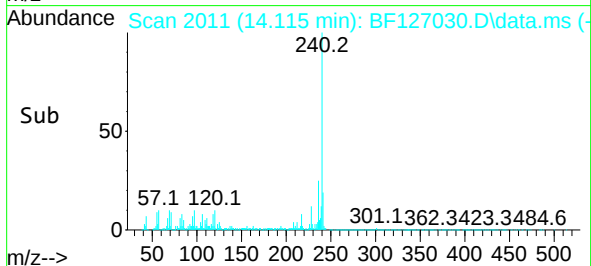
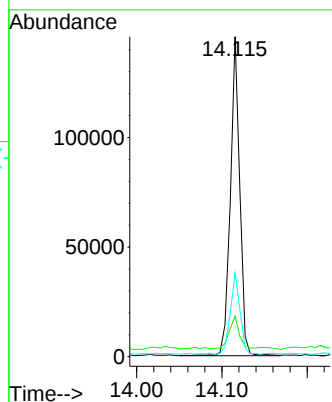
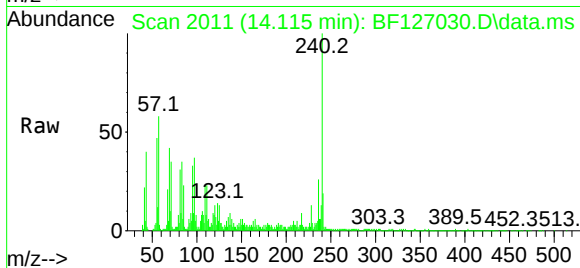
Tgt Ion:240 Resp: 112181

Ion Ratio Lower Upper

240 100

120 12.7 14.4 21.6#

236 26.2 20.5 30.7



#78

Pyrene

Concen: 16.119 ng

RT: 12.915 min Scan# 1807

Delta R.T. 0.018 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

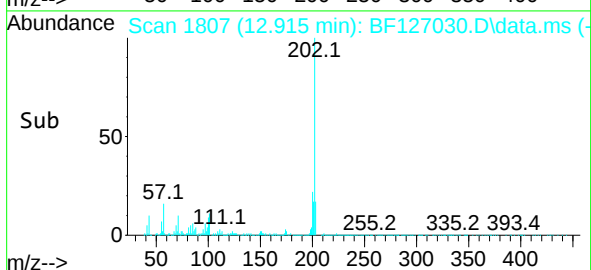
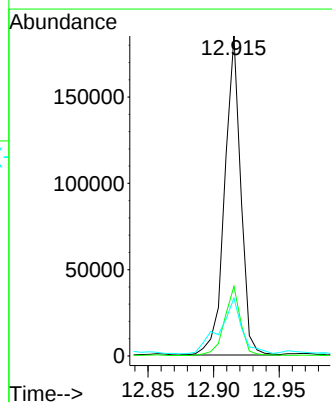
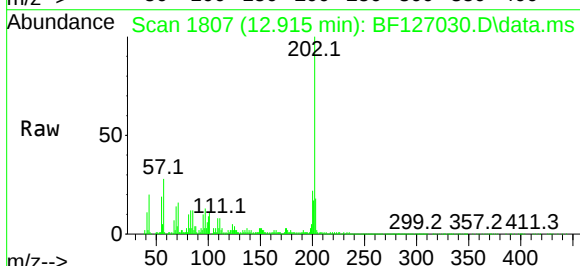
Tgt Ion:202 Resp: 157101

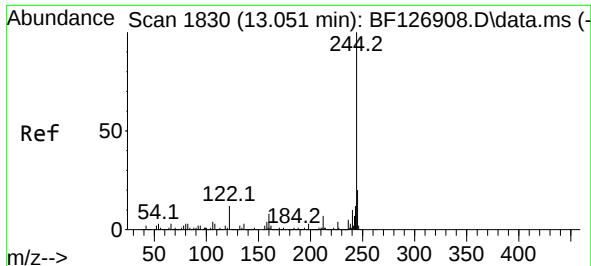
Ion Ratio Lower Upper

202 100

200 21.8 16.6 24.8

203 18.0 13.8 20.8

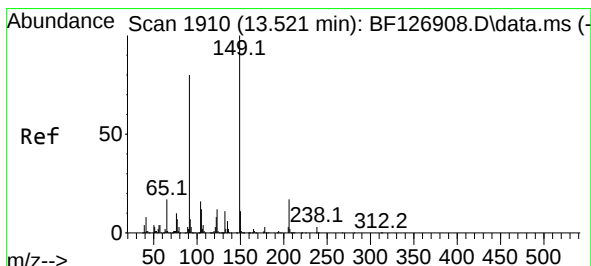
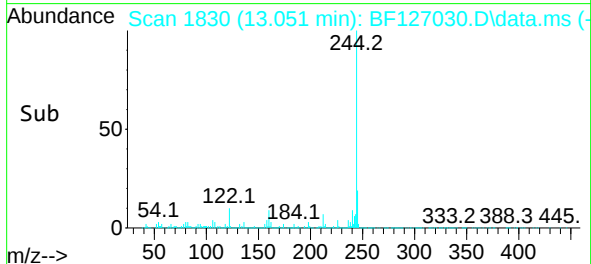
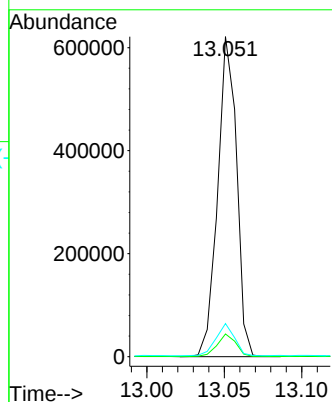
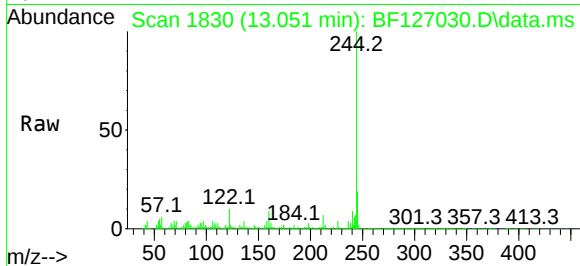




#79
 Terphenyl-d14
 Concen: 69.230 ng
 RT: 13.051 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF127030.D
 Acq: 23 Feb 2022 01:33

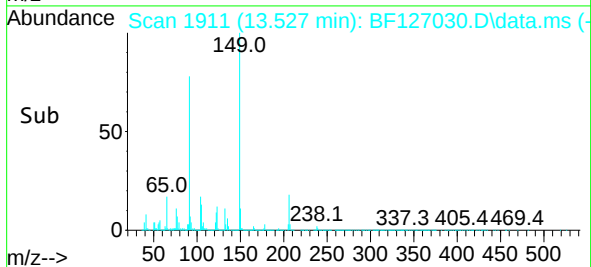
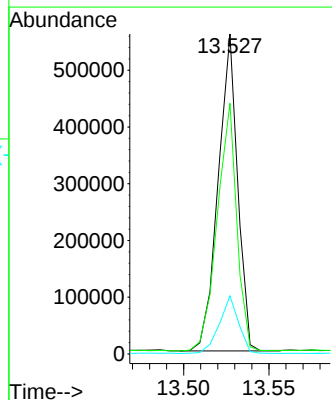
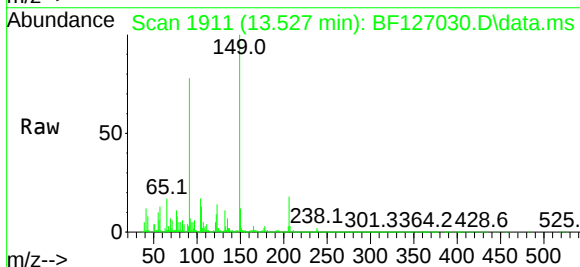
Instrument :
 BNA_F
 ClientSampleId :
 BP-3

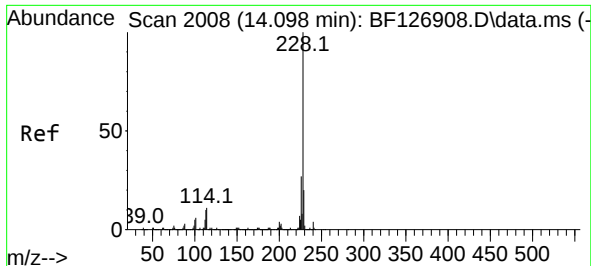
Tgt Ion:244 Resp: 528307
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 10.4 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 96.335 ng
 RT: 13.527 min Scan# 1911
 Delta R.T. 0.018 min
 Lab File: BF127030.D
 Acq: 23 Feb 2022 01:33

Tgt Ion:149 Resp: 444484
 Ion Ratio Lower Upper
 149 100
 91 78.4 70.5 105.7
 206 18.1 12.6 19.0

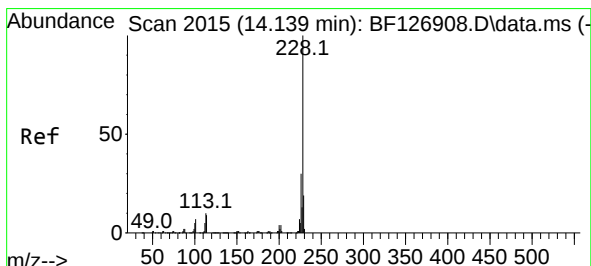
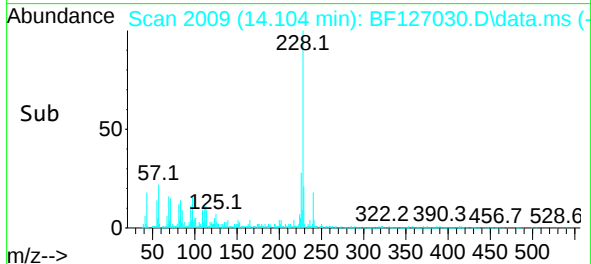
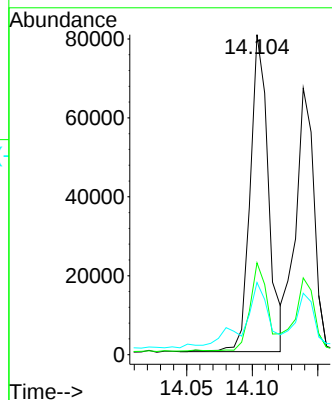
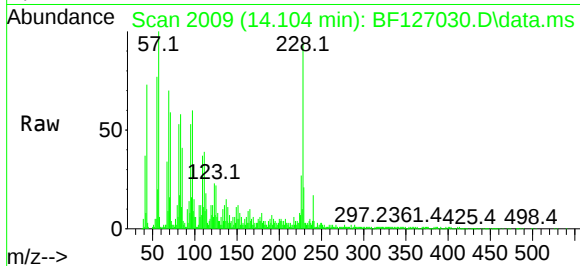




#81
Benzo(a)anthracene
Concen: 10.308 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

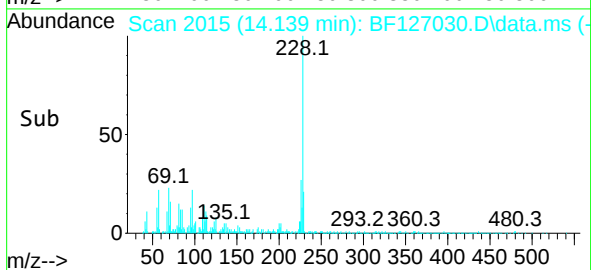
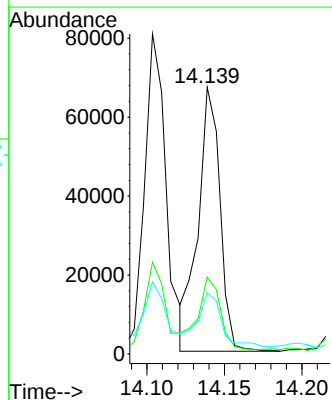
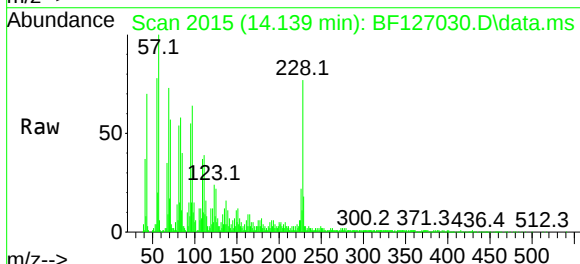
Instrument :
BNA_F
ClientSampleId :
BP-3

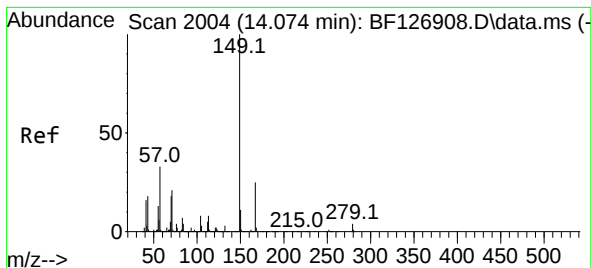
Tgt Ion:228 Resp: 77958
Ion Ratio Lower Upper
228 100
226 28.7 21.4 32.0
229 22.6 15.4 23.2



#83
Chrysene
Concen: 9.276 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion:228 Resp: 65968
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 23.0 15.5 23.3

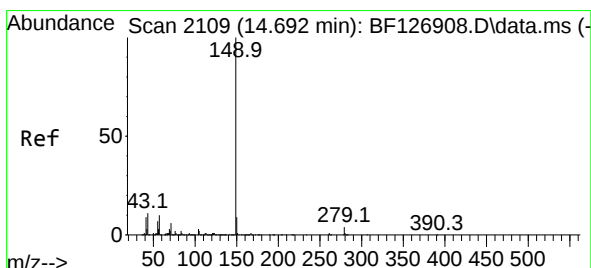
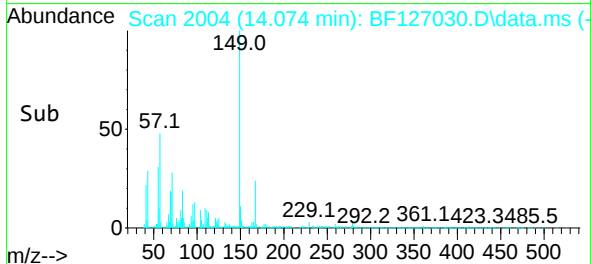
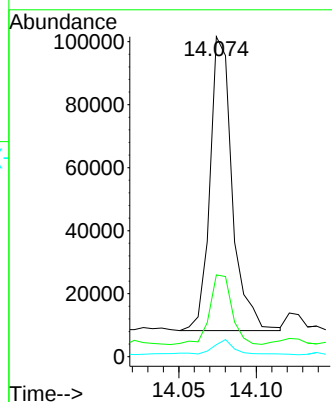
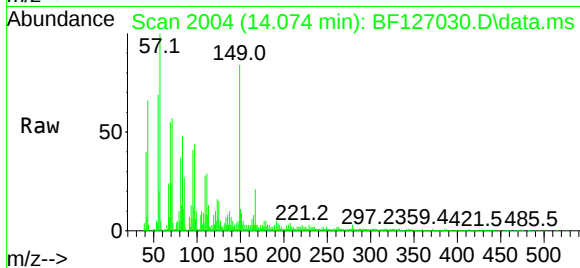




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 15.422 ng
 RT: 14.074 min Scan# 2004
 Delta R.T. 0.012 min
 Lab File: BF127030.D
 Acq: 23 Feb 2022 01:33

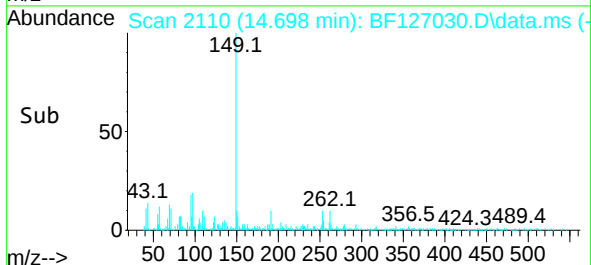
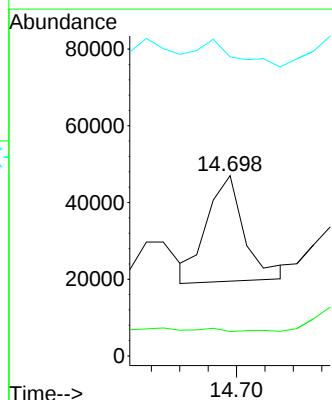
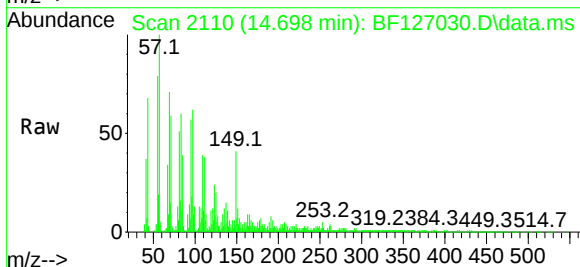
Instrument :
 BNA_F
 ClientSampleId :
 BP-3

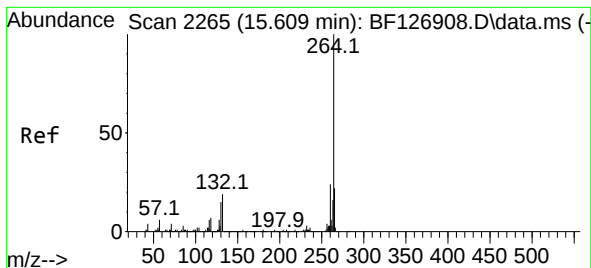
Tgt Ion:149 Resp: 93417
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.4 32.2
 279 3.7 2.4 3.6#



#85
 Di-n-octyl phthalate
 Concen: 2.923 ng
 RT: 14.698 min Scan# 2110
 Delta R.T. 0.018 min
 Lab File: BF127030.D
 Acq: 23 Feb 2022 01:33

Tgt Ion:149 Resp: 25490
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 0.0 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

Instrument :

BNA_F

ClientSampleId :

BP-3

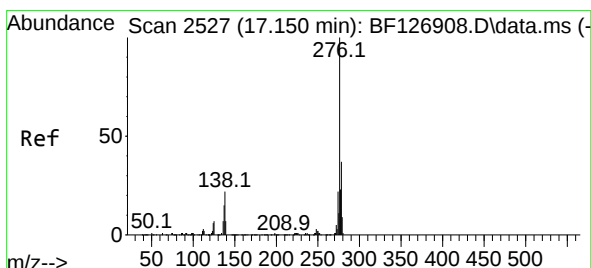
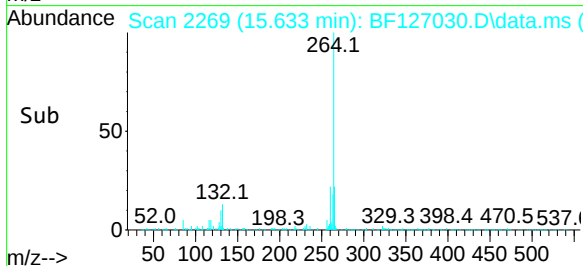
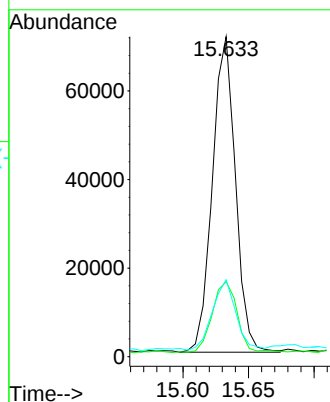
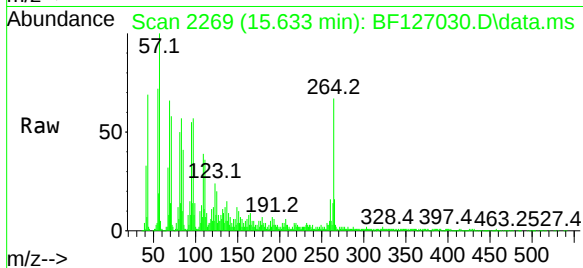
Tgt Ion:264 Resp: 87191

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 24.1 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.636 ng

RT: 17.174 min Scan# 2531

Delta R.T. 0.059 min

Lab File: BF127030.D

Acq: 23 Feb 2022 01:33

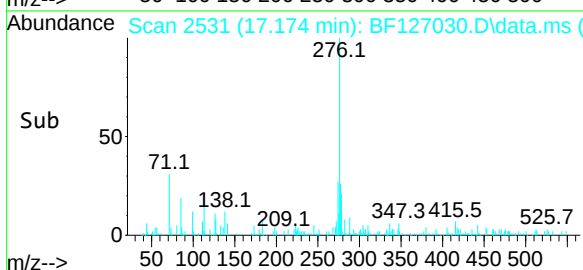
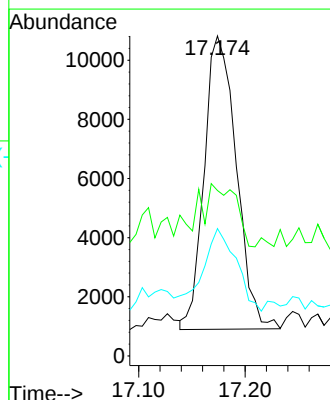
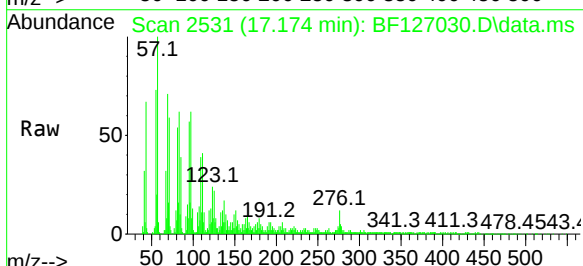
Tgt Ion:276 Resp: 20790

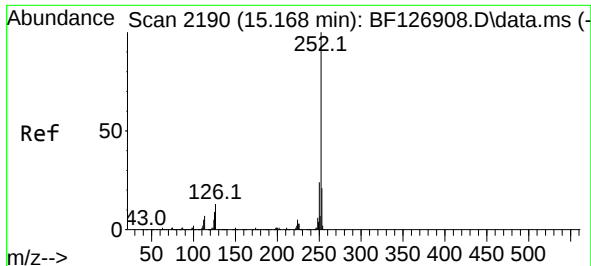
Ion Ratio Lower Upper

276 100

138 22.0 29.2 43.8#

277 28.9 19.8 29.8

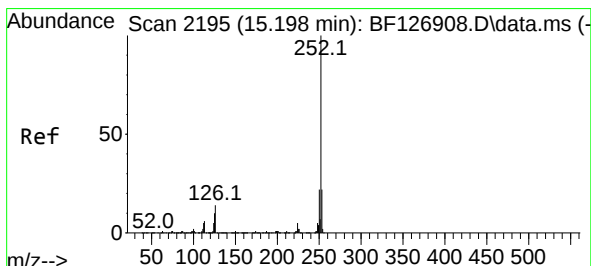
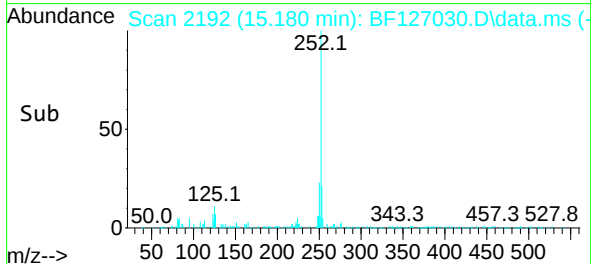
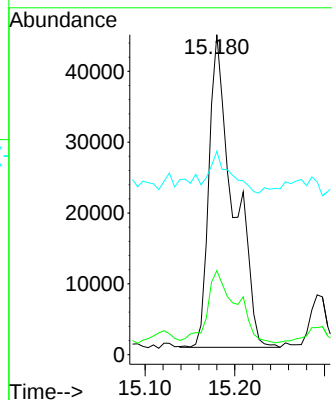
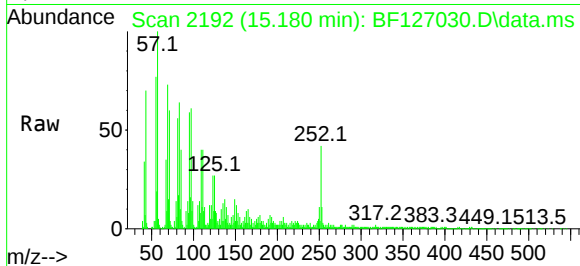




#88
Benzo(b)fluoranthene
Concen: 14.228 ng
RT: 15.180 min Scan# 2190
Delta R.T. 0.029 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

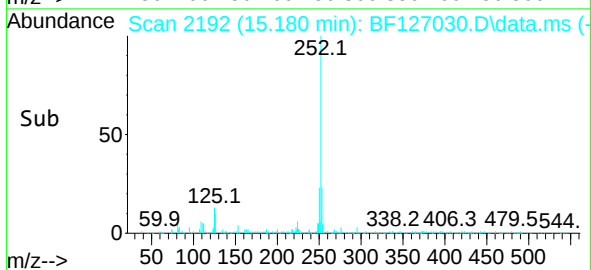
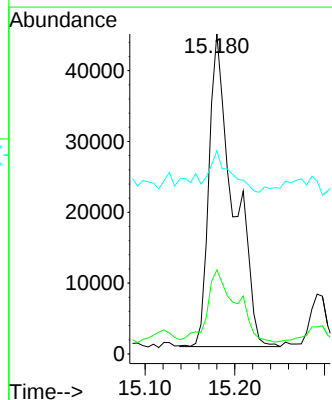
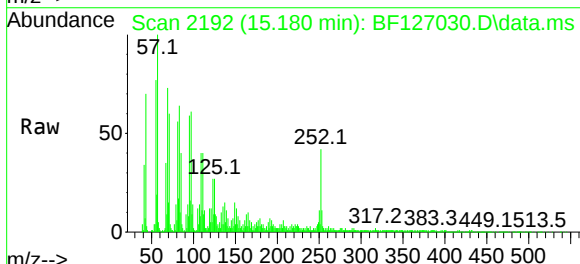
Instrument :
BNA_F
ClientSampleId :
BP-3

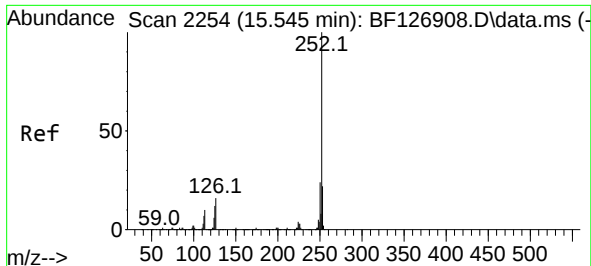
Tgt Ion:252 Resp: 83321
Ion Ratio Lower Upper
252 100
253 26.3 17.8 26.8
125 63.5 12.4 18.6#



#89
Benzo(k)fluoranthene
Concen: 14.751 ng
RT: 15.180 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion:252 Resp: 83321
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3
125 63.5 11.8 17.6#

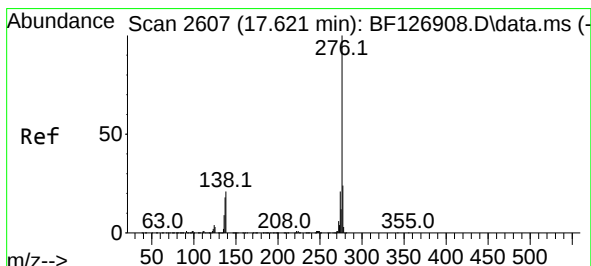
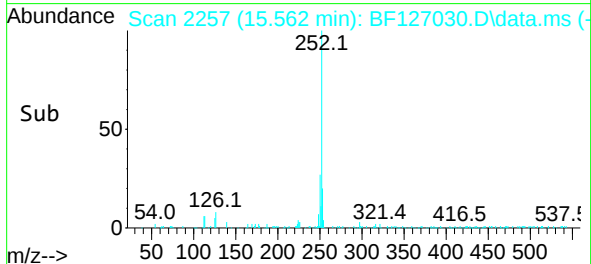
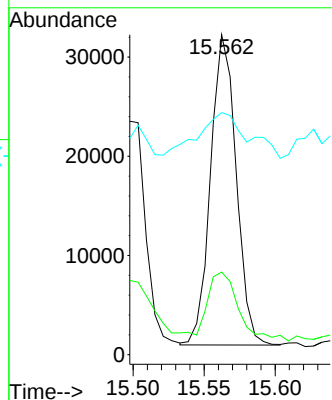
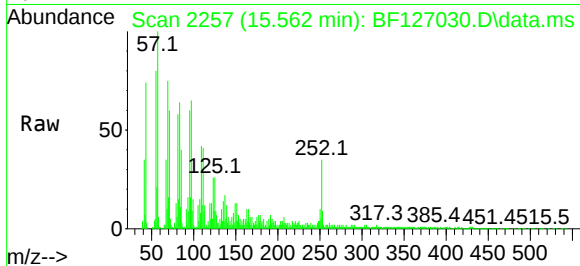




#90
Benzo(a)pyrene
Concen: 8.558 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Instrument :
BNA_F
ClientSampleId :
BP-3

Tgt Ion:252 Resp: 39145
Ion Ratio Lower Upper
252 100
253 25.8 17.1 25.7#
125 75.7 13.0 19.6#



#92
Benzo(g,h,i)perylene
Concen: 4.764 ng
RT: 17.650 min Scan# 2612
Delta R.T. 0.065 min
Lab File: BF127030.D
Acq: 23 Feb 2022 01:33

Tgt Ion:276 Resp: 22206
Ion Ratio Lower Upper
276 100
277 34.9 18.5 27.7#
138 52.8 25.9 38.9#

