

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127044.D
 Acq On : 23 Feb 2022 17:32
 Operator : CG\JU
 Sample : N1626-12RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B6

Quant Time: Feb 24 02:16:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

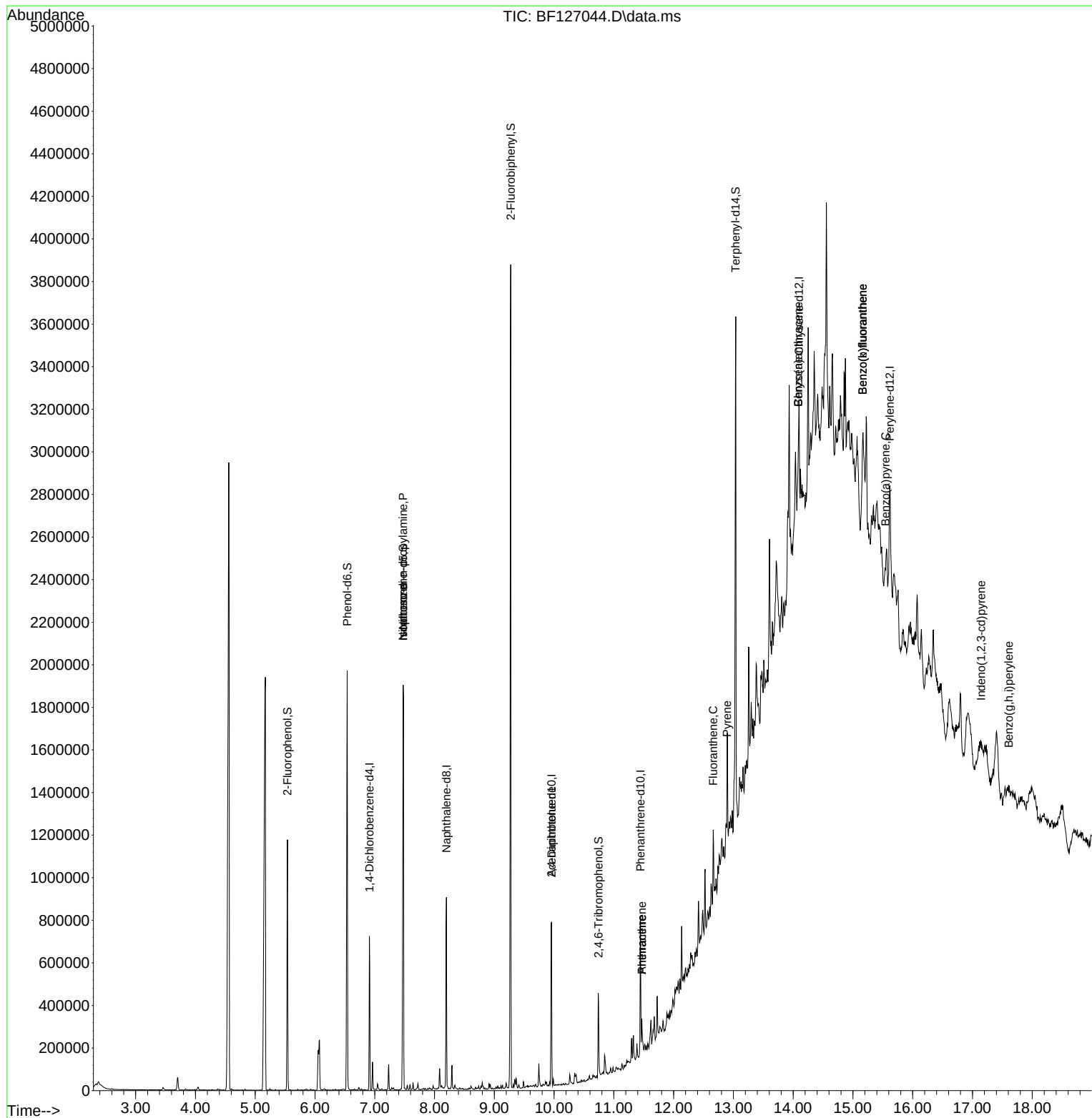
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	92305	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	353561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	150790	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	185103	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	134472	20.000	ng	# 0.01
86) Perylene-d12	15.615	264	103324	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	249749	41.818	ng	0.01
7) Phenol-d6	6.540	99	603869	74.934	ng	0.00
23) Nitrobenzene-d5	7.475	82	697880	89.095	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	39104	22.524	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1066981	104.169	ng	0.00
79) Terphenyl-d14	13.039	244	739159	80.804	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	99017	19.068	ng	# 79
25) Isophorone	7.475	82	695006	53.620	ng	# 69
57) 2,4-Dinitrotoluene	9.957	165	19667	6.633	ng	# 16
71) Phenanthrene	11.469	178	42302	4.083	ng	97
72) Anthracene	11.469	178	42302	4.101	ng	98
75) Fluoranthene	12.663	202	82363	8.372	ng	93
78) Pyrene	12.892	202	68631	5.875	ng	93
81) Benzo(a)anthracene	14.086	228	40675	4.487	ng	# 90
83) Chrysene	14.086	228	40675	4.771	ng	93
87) Indeno(1,2,3-cd)pyrene	17.145	276	20640	3.046	ng	93
88) Benzo(b)fluoranthene	15.163	252	78200	11.269	ng	# 17
89) Benzo(k)fluoranthene	15.163	252	78200	11.683	ng	# 16
90) Benzo(a)pyrene	15.545	252	29355	5.416	ng	# 1
92) Benzo(g,h,i)perylene	17.609	276	19503	3.531	ng	# 63

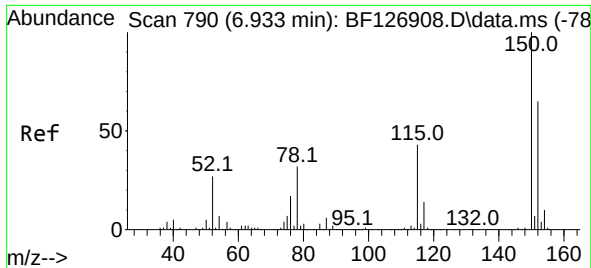
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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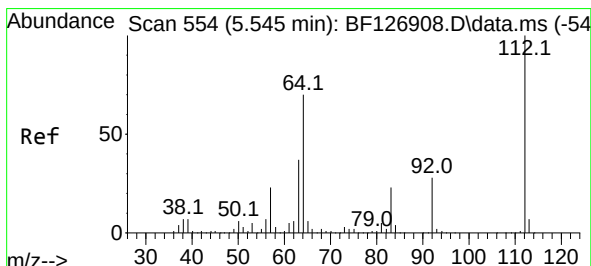
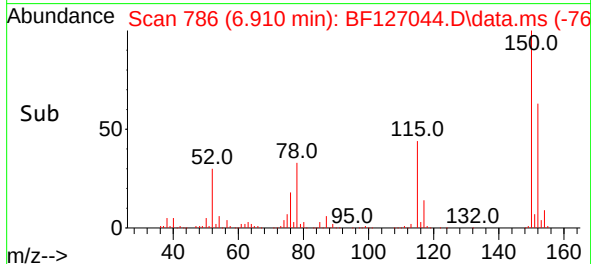
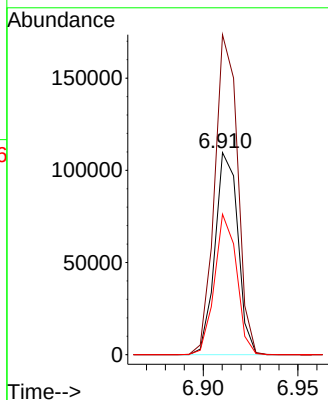
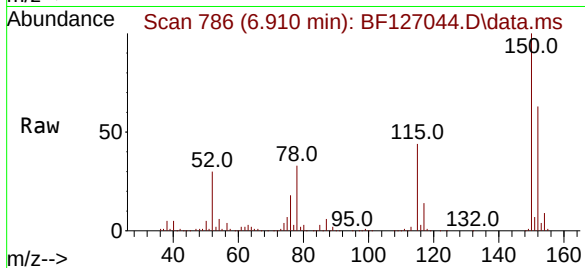




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

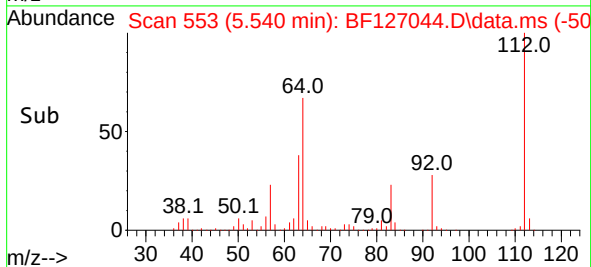
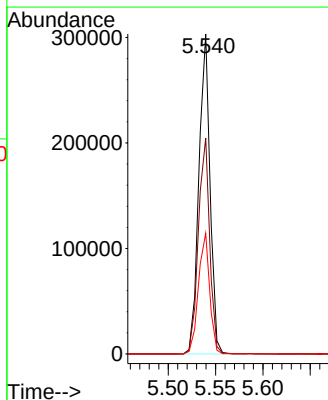
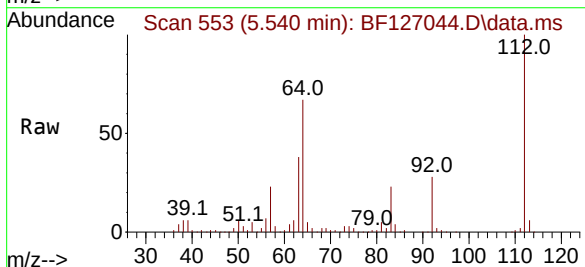
Instrument :
BNA_F
ClientSampleId :
CC-B6

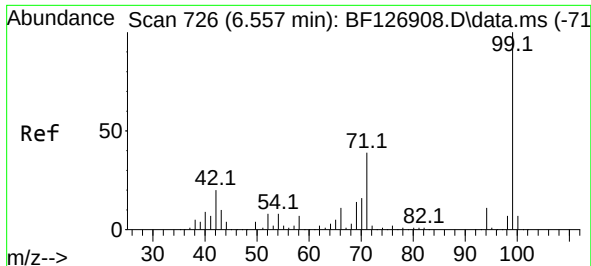
Tgt Ion:152 Resp: 92305
Ion Ratio Lower Upper
152 100
150 158.3 128.1 192.1
115 69.5 56.7 85.1



#5
2-Fluorophenol
Concen: 41.818 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

Tgt Ion:112 Resp: 249749
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 37.8 23.9 35.9#

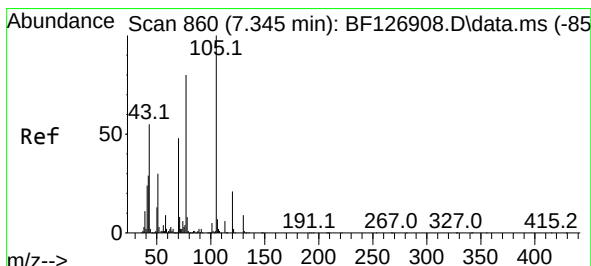
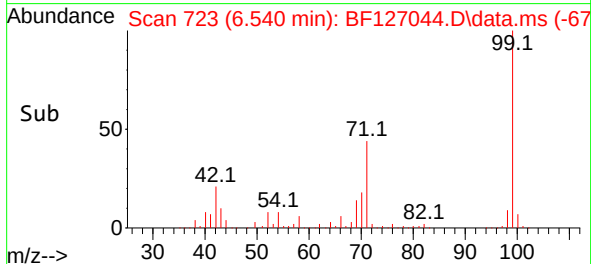
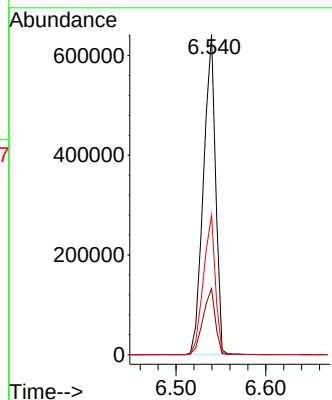
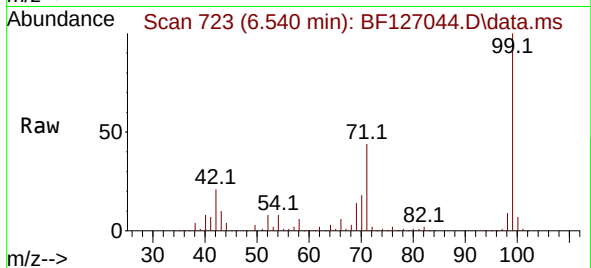




#7
Phenol-d6
Concen: 74.934 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

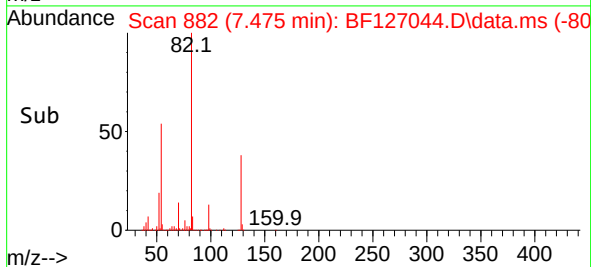
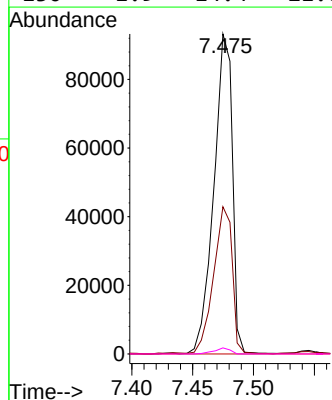
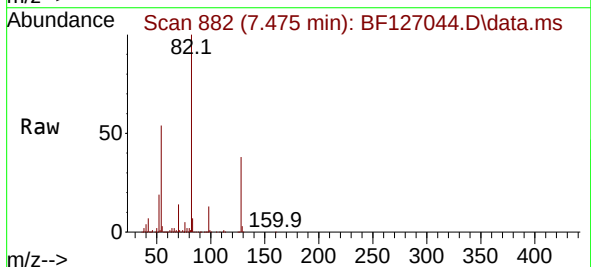
Instrument :
BNA_F
ClientSampleId :
CC-B6

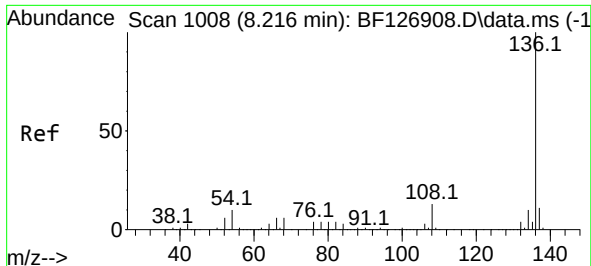
Tgt Ion: 99 Resp: 603869
Ion Ratio Lower Upper
99 100
42 20.7 14.2 21.4
71 43.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.068 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.153 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

Tgt Ion: 70 Resp: 99017
Ion Ratio Lower Upper
70 100
42 46.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

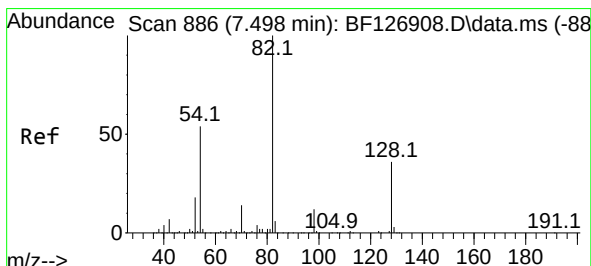
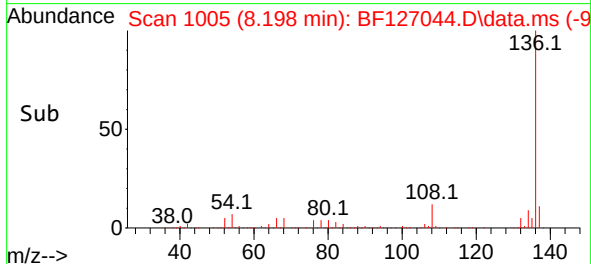
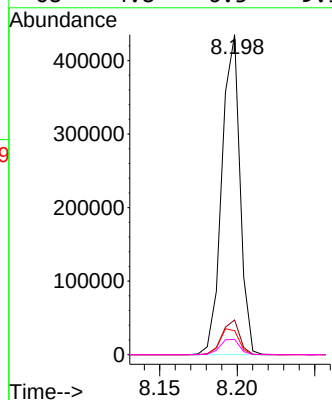
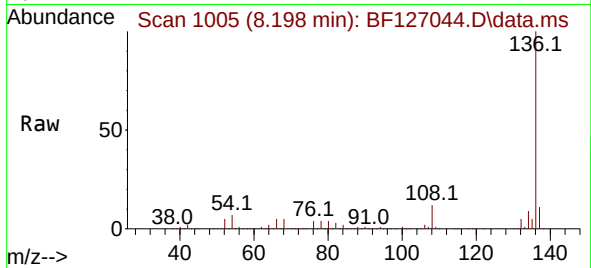




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

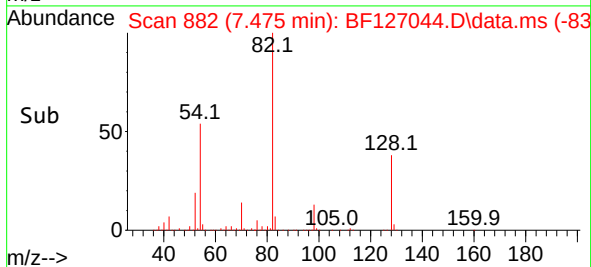
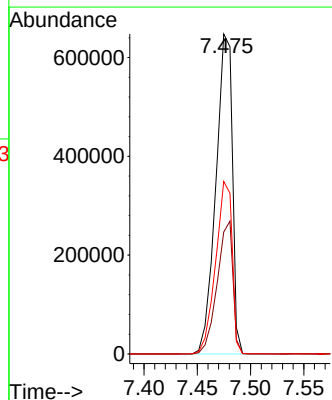
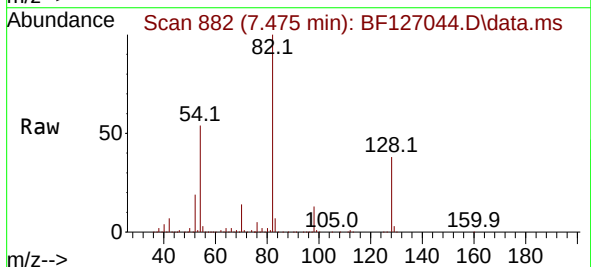
Instrument :
BNA_F
ClientSampleId :
CC-B6

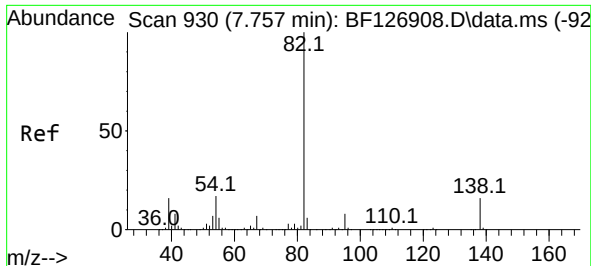
Tgt Ion:136 Resp: 353561
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.5 7.8 11.6#
68 4.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 89.095 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

Tgt Ion: 82 Resp: 697880
Ion Ratio Lower Upper
82 100
128 38.1 32.7 49.1
54 53.9 41.7 62.5

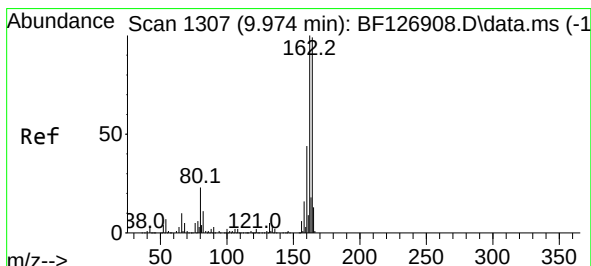
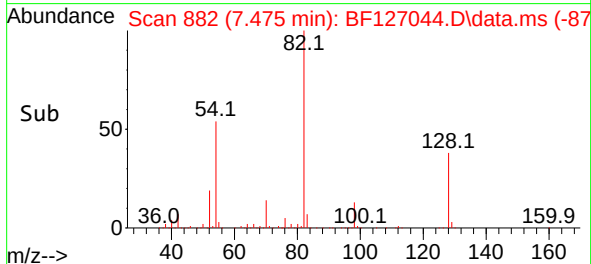
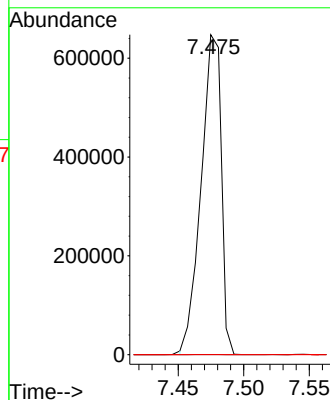
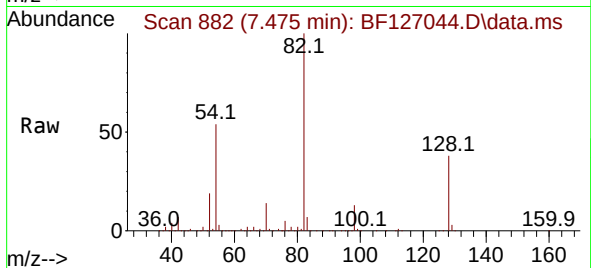




#25
Isophorone
Concen: 53.620 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

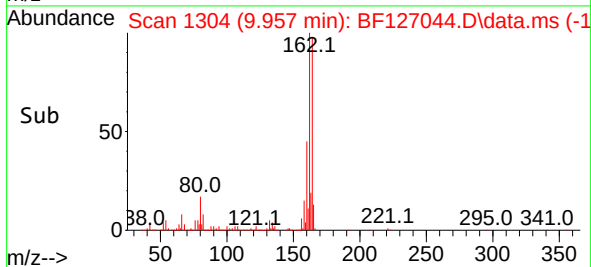
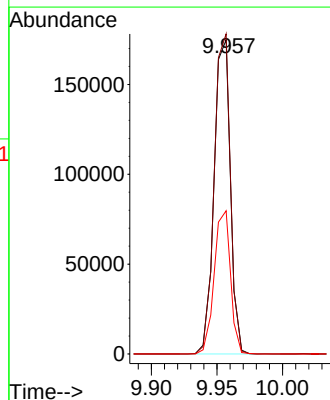
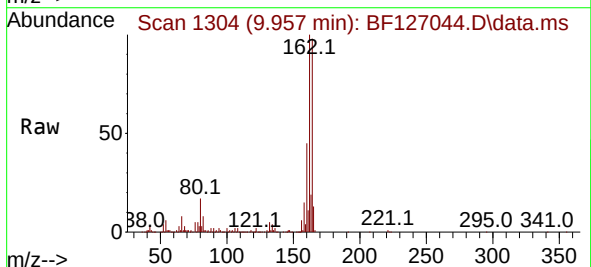
Instrument :
BNA_F
ClientSampleId :
CC-B6

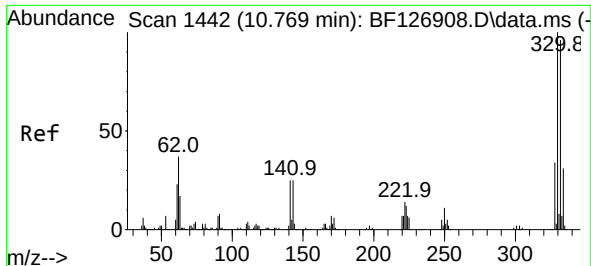
Tgt Ion: 82 Resp: 695006
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

Tgt Ion:164 Resp: 150790
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.6 36.6 54.8

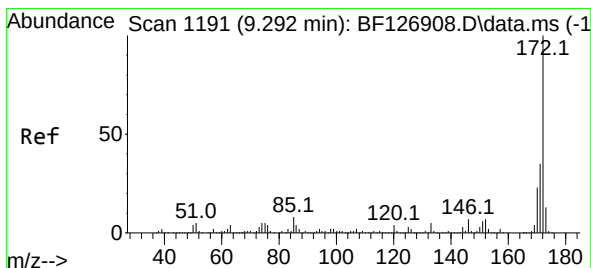
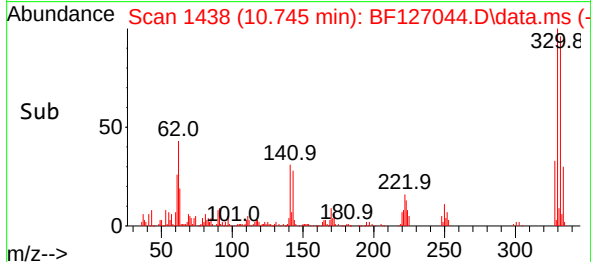
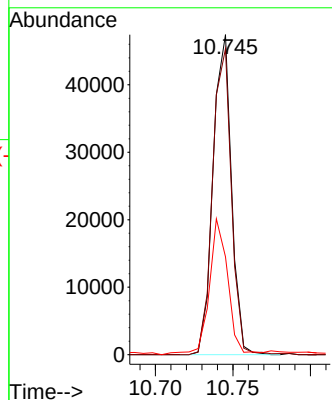
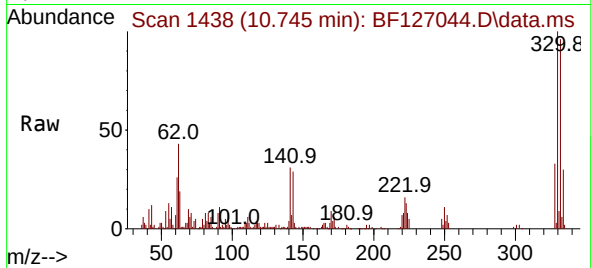




#42
2,4,6-Tribromophenol
Concen: 22.524 ng
RT: 10.745 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

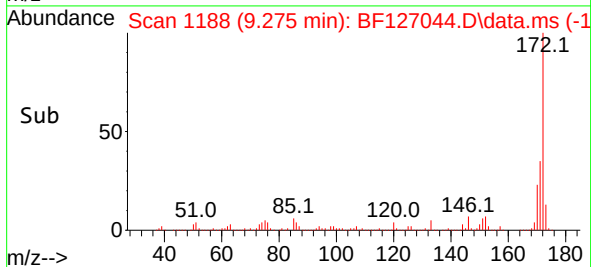
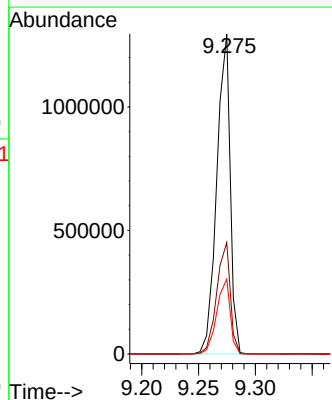
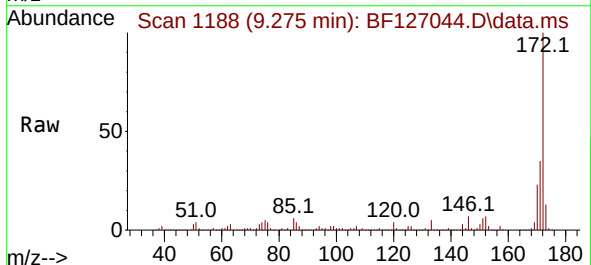
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BNA_F
ClientSampleId :
CC-B6

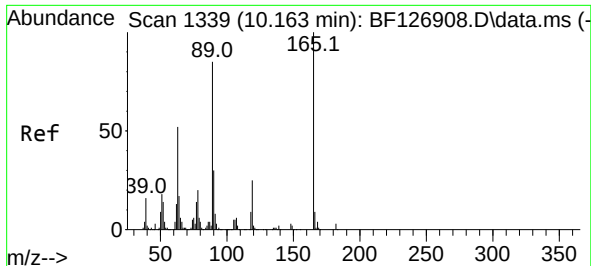
Tgt Ion:330 Resp: 39104
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 42.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 104.169 ng
RT: 9.275 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

Tgt Ion:172 Resp: 1066981
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.4 19.0 28.6

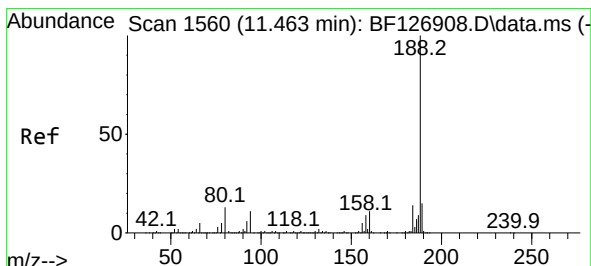
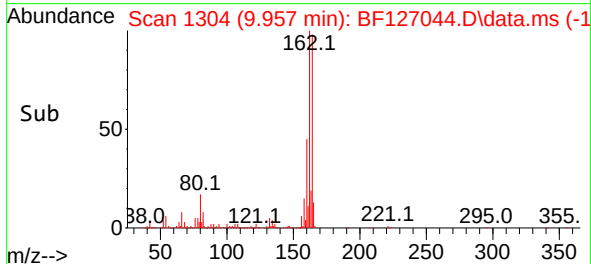
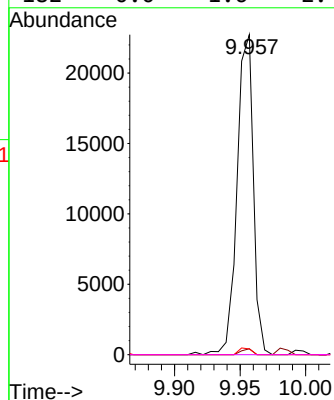
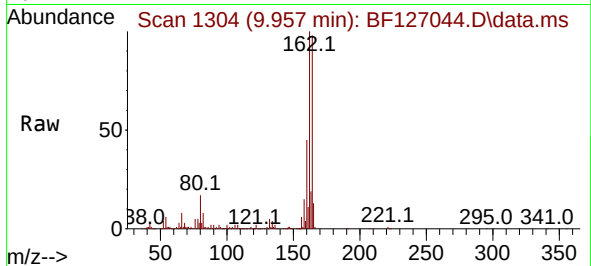




#57
2,4-Dinitrotoluene
Concen: 6.633 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

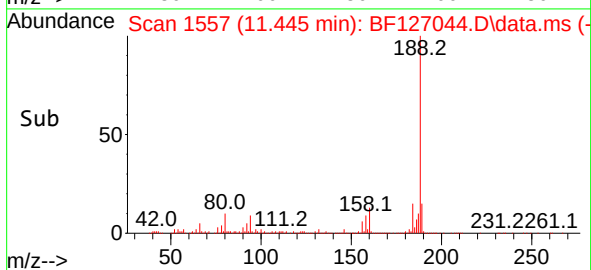
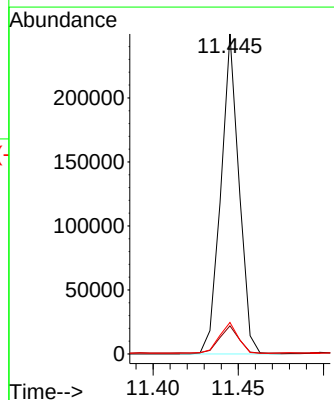
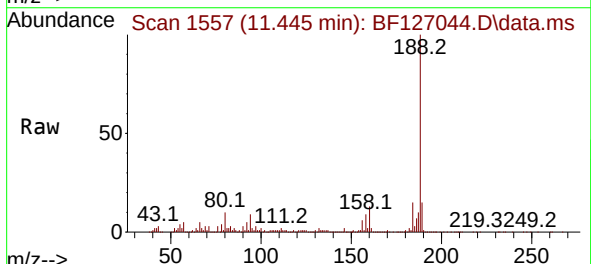
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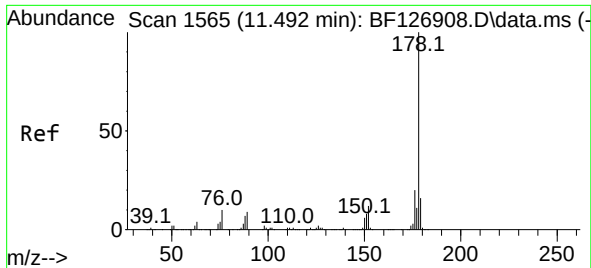
Tgt Ion:165 Resp: 19667
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

Tgt Ion:188 Resp: 185103
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1#
80 9.9 11.8 17.6#

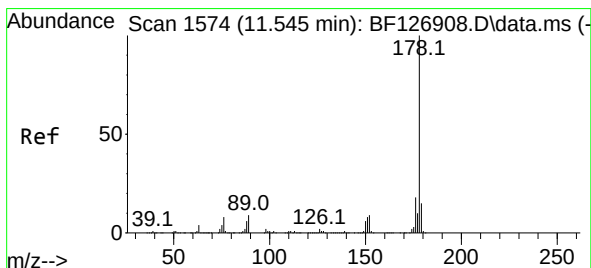
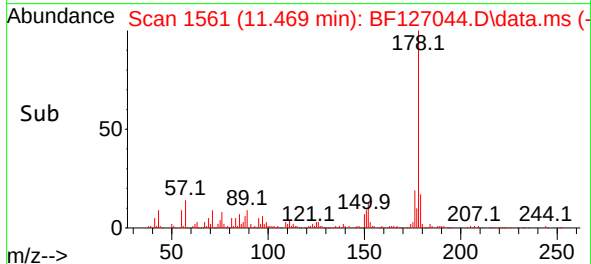
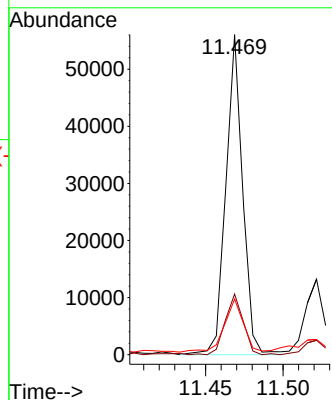
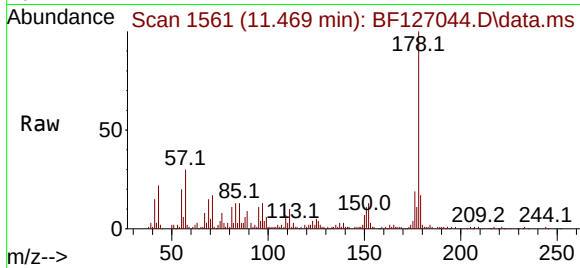




#71
Phenanthrene
Concen: 4.083 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

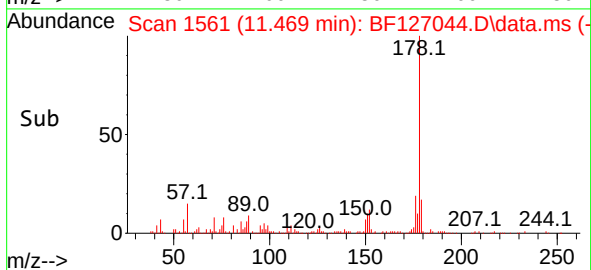
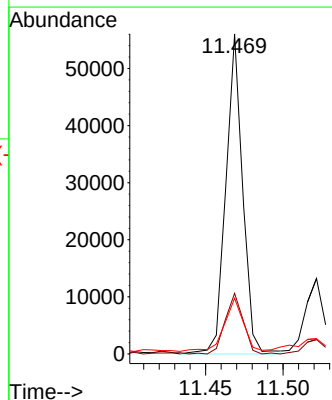
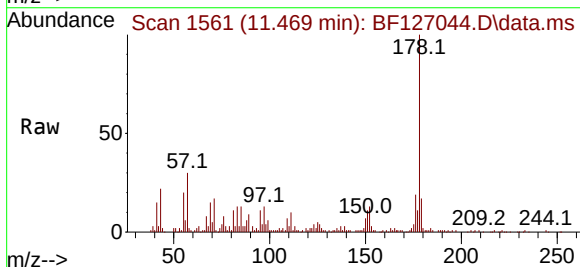
Instrument :
BNA_F
ClientSampleId :
CC-B6

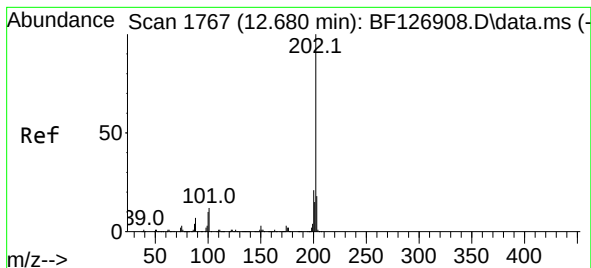
Tgt Ion:178 Resp: 42302
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 17.4 12.3 18.5



#72
Anthracene
Concen: 4.101 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.053 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

Tgt Ion:178 Resp: 42302
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 17.4 12.5 18.7





#75

Fluoranthene

Concen: 8.372 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

Instrument :

BNA_F

ClientSampleId :

CC-B6

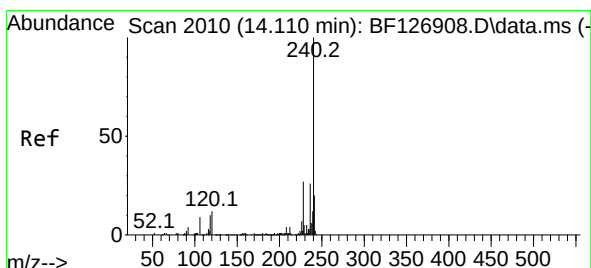
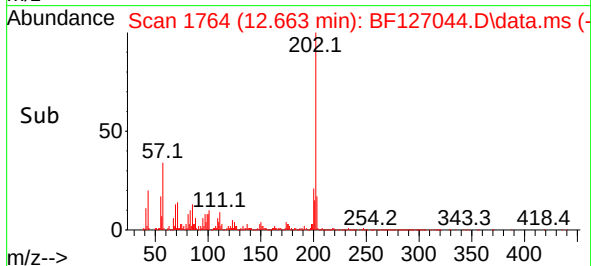
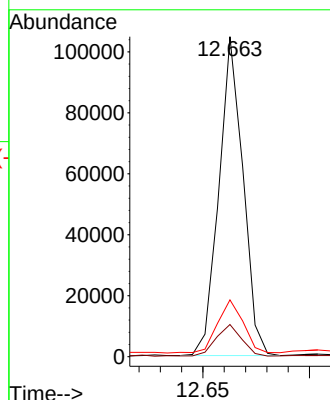
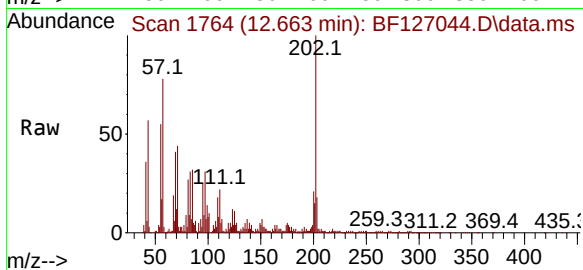
Tgt Ion:202 Resp: 82363

Ion Ratio Lower Upper

202 100

101 10.1 0.0 35.7

203 17.8 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2008

Delta R.T. 0.012 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

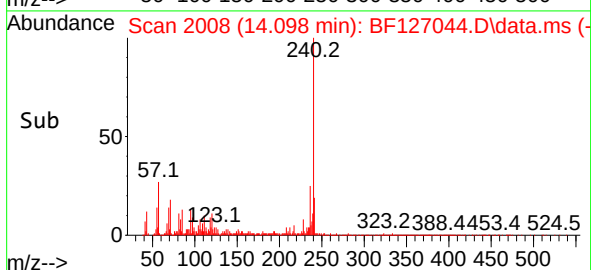
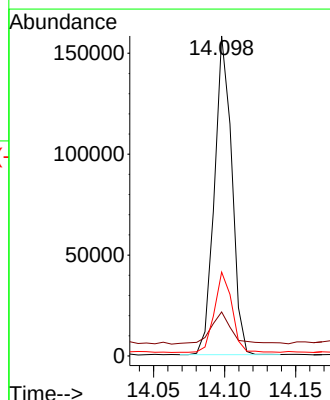
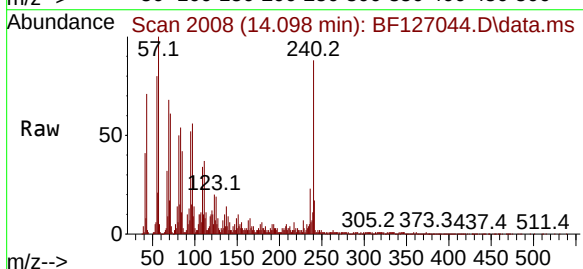
Tgt Ion:240 Resp: 134472

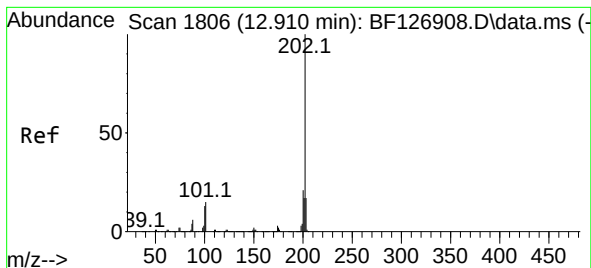
Ion Ratio Lower Upper

240 100

120 13.8 14.4 21.6#

236 26.2 20.5 30.7





#78

Pyrene

Concen: 5.875 ng

RT: 12.892 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

Instrument :

BNA_F

ClientSampleId :

CC-B6

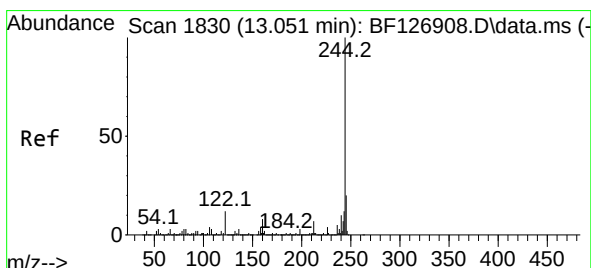
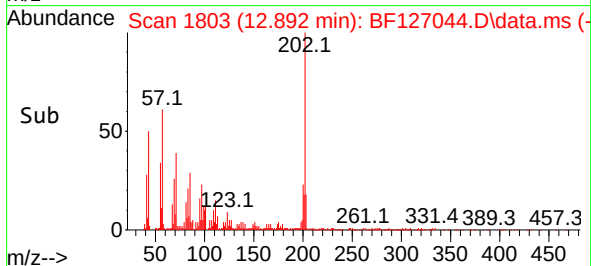
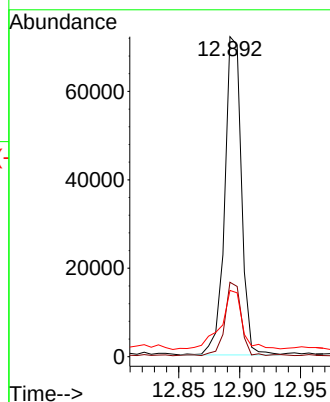
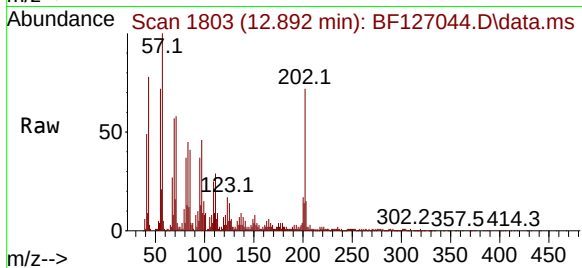
Tgt Ion:202 Resp: 68631

Ion Ratio Lower Upper

202 100

200 23.3 16.6 24.8

203 20.7 13.8 20.8



#79

Terphenyl-d14

Concen: 80.804 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

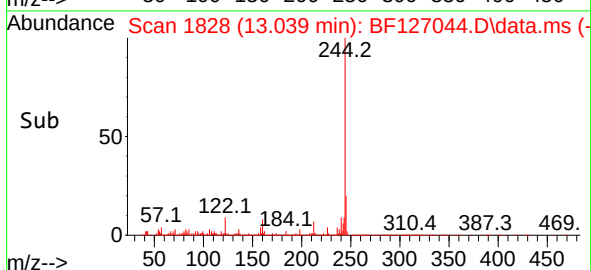
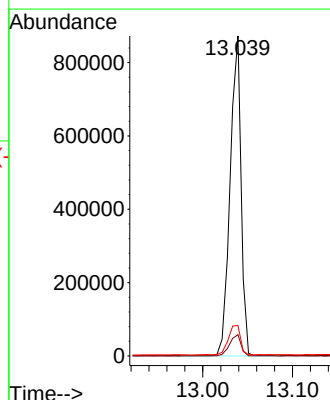
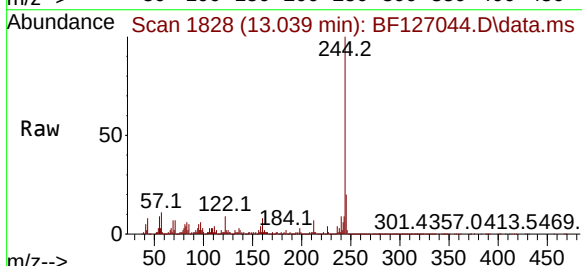
Tgt Ion:244 Resp: 739159

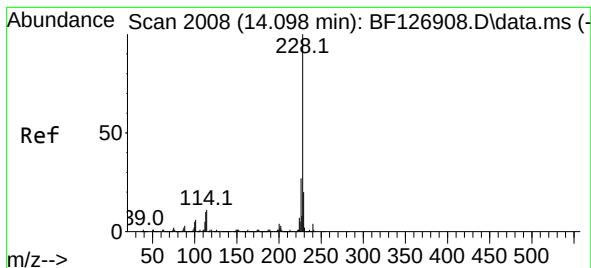
Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 9.5 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 4.487 ng

RT: 14.086 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

Instrument :

BNA_F

ClientSampleId :

CC-B6

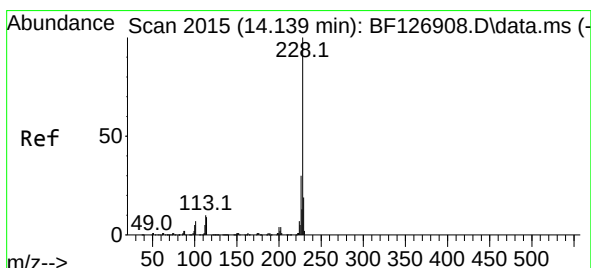
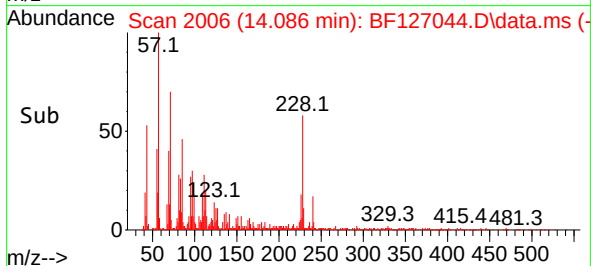
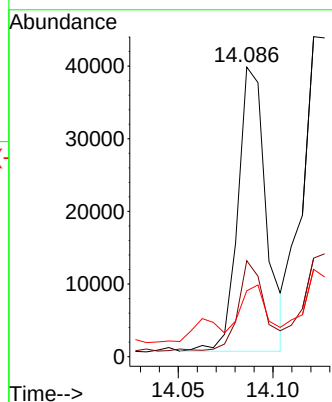
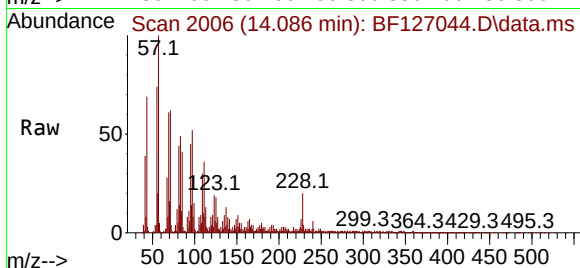
Tgt Ion:228 Resp: 40675

Ion Ratio Lower Upper

228 100

226 33.2 21.4 32.0#

229 22.8 15.4 23.2



#83

Chrysene

Concen: 4.771 ng

RT: 14.086 min Scan# 2006

Delta R.T. -0.029 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

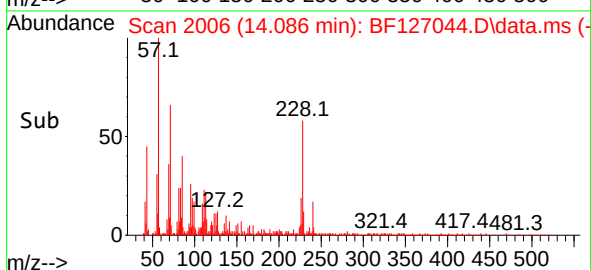
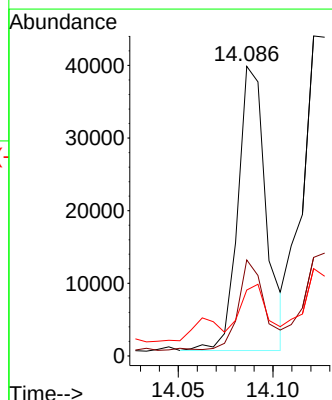
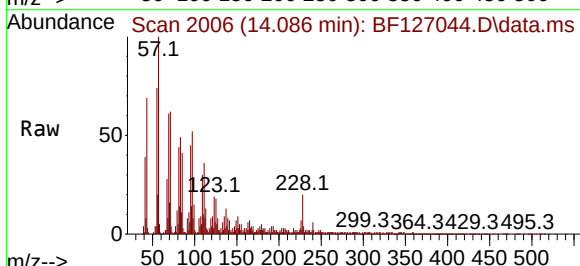
Tgt Ion:228 Resp: 40675

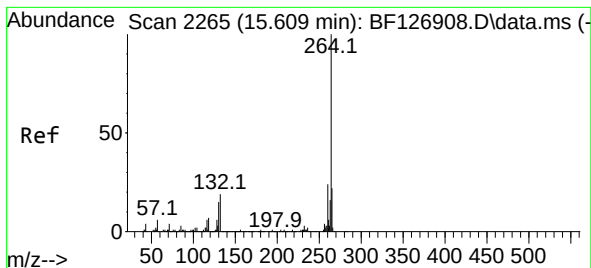
Ion Ratio Lower Upper

228 100

226 33.2 23.7 35.5

229 22.8 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

Instrument :

BNA_F

ClientSampleId :

CC-B6

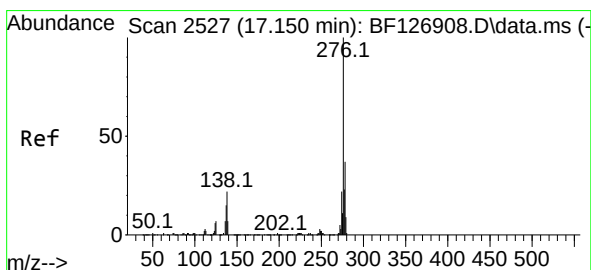
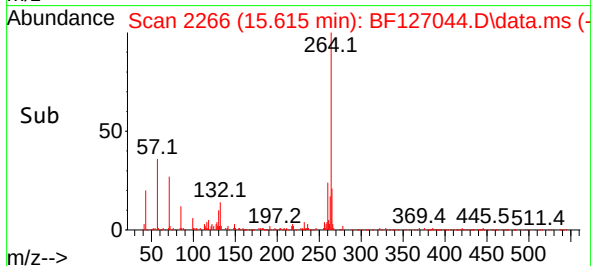
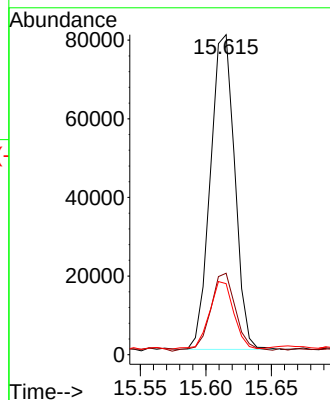
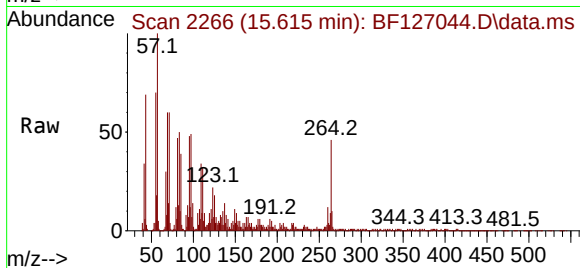
Tgt Ion:264 Resp: 103324

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

265 22.2 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.046 ng

RT: 17.145 min Scan# 2526

Delta R.T. 0.030 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

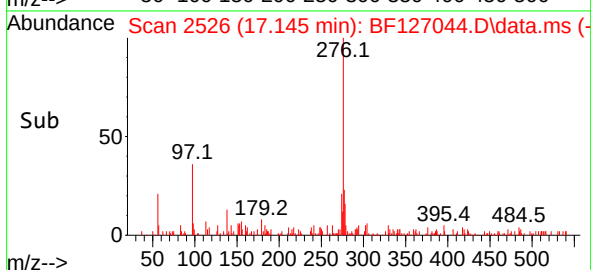
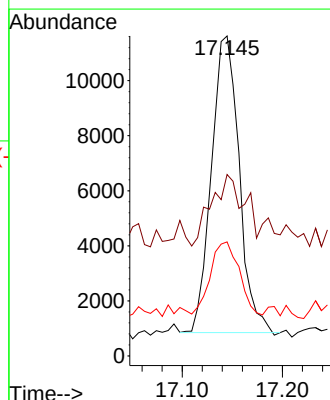
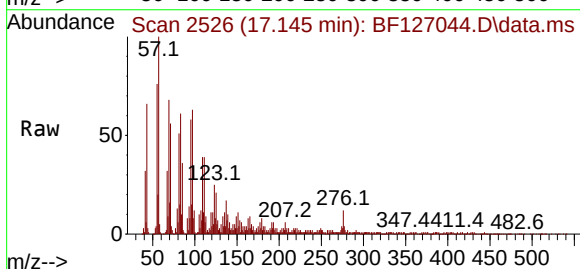
Tgt Ion:276 Resp: 20640

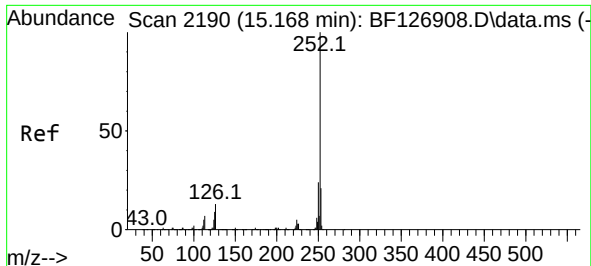
Ion Ratio Lower Upper

276 100

138 30.0 29.2 43.8

277 25.4 19.8 29.8

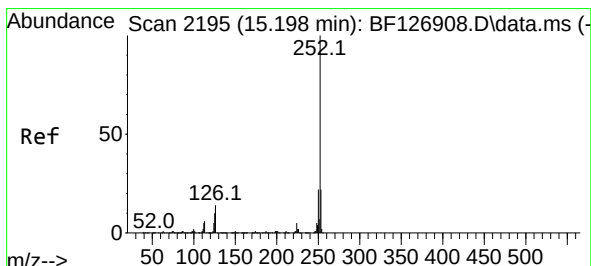
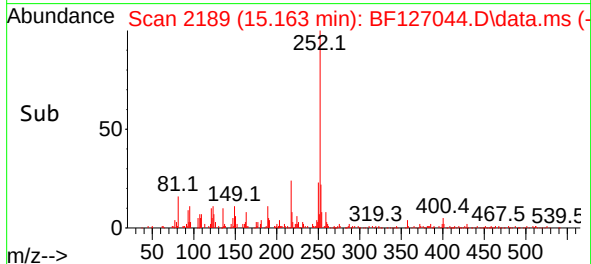
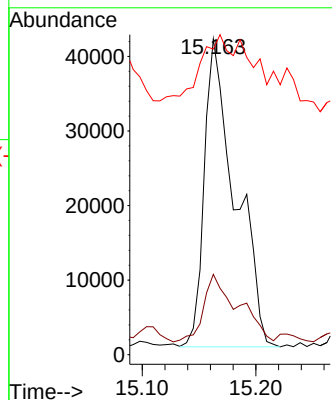
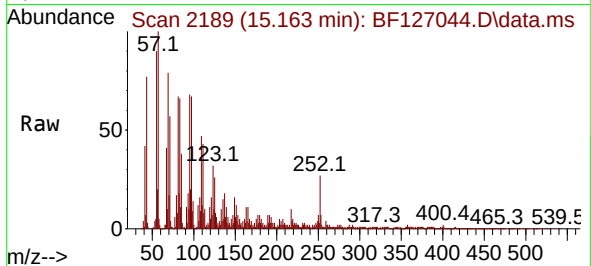




#88
Benzo(b)fluoranthene
Concen: 11.269 ng
RT: 15.163 min Scan# 2190
Delta R.T. 0.018 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

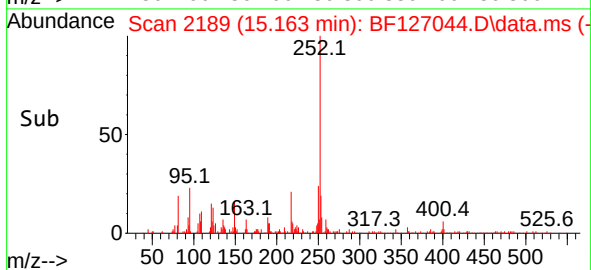
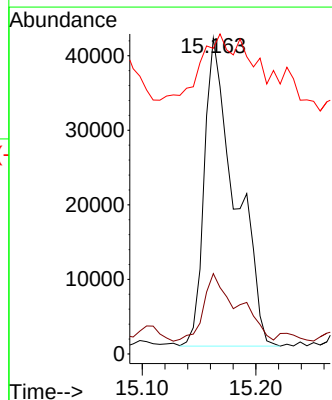
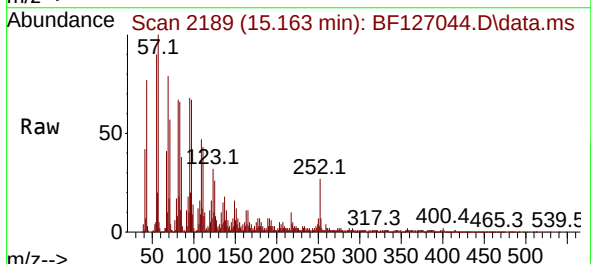
Instrument :
BNA_F
ClientSampleId :
CC-B6

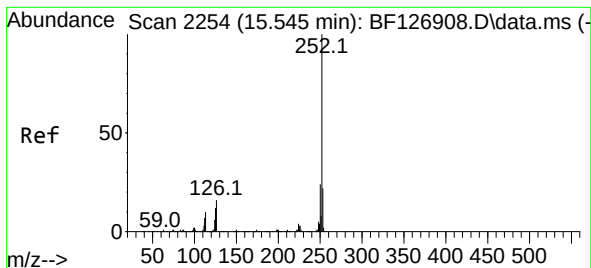
Tgt Ion:252 Resp: 78200
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.8
125 96.8 12.4 18.6#



#89
Benzo(k)fluoranthene
Concen: 11.683 ng
RT: 15.163 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BF127044.D
Acq: 23 Feb 2022 17:32

Tgt Ion:252 Resp: 78200
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 96.8 11.8 17.6#





#90

Benzo(a)pyrene

Concen: 5.416 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

Instrument :

BNA_F

ClientSampleId :

CC-B6

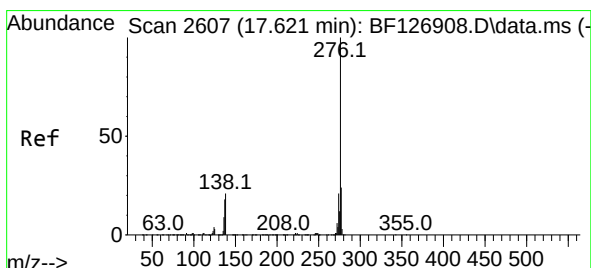
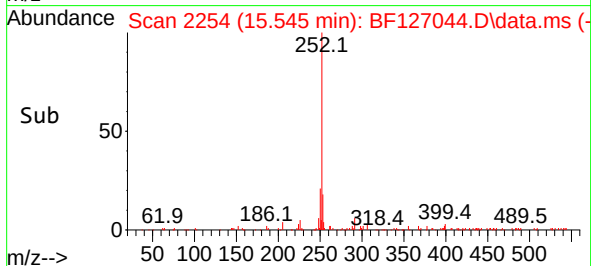
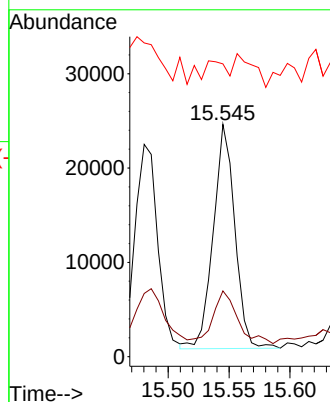
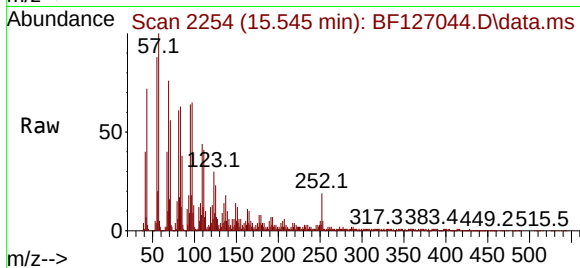
Tgt Ion:252 Resp: 29355

Ion Ratio Lower Upper

252 100

253 28.3 17.1 25.7#

125 126.1 13.0 19.6#



#92

Benzo(g,h,i)perylene

Concen: 3.531 ng

RT: 17.609 min Scan# 2605

Delta R.T. 0.030 min

Lab File: BF127044.D

Acq: 23 Feb 2022 17:32

Tgt Ion:276 Resp: 19503

Ion Ratio Lower Upper

276 100

277 39.1 18.5 27.7#

138 54.3 25.9 38.9#

