

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127412.D
 Acq On : 19 Mar 2022 01:11
 Operator : CG\JU
 Sample : N1979-01DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4743DL

Quant Time: Mar 19 01:54:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

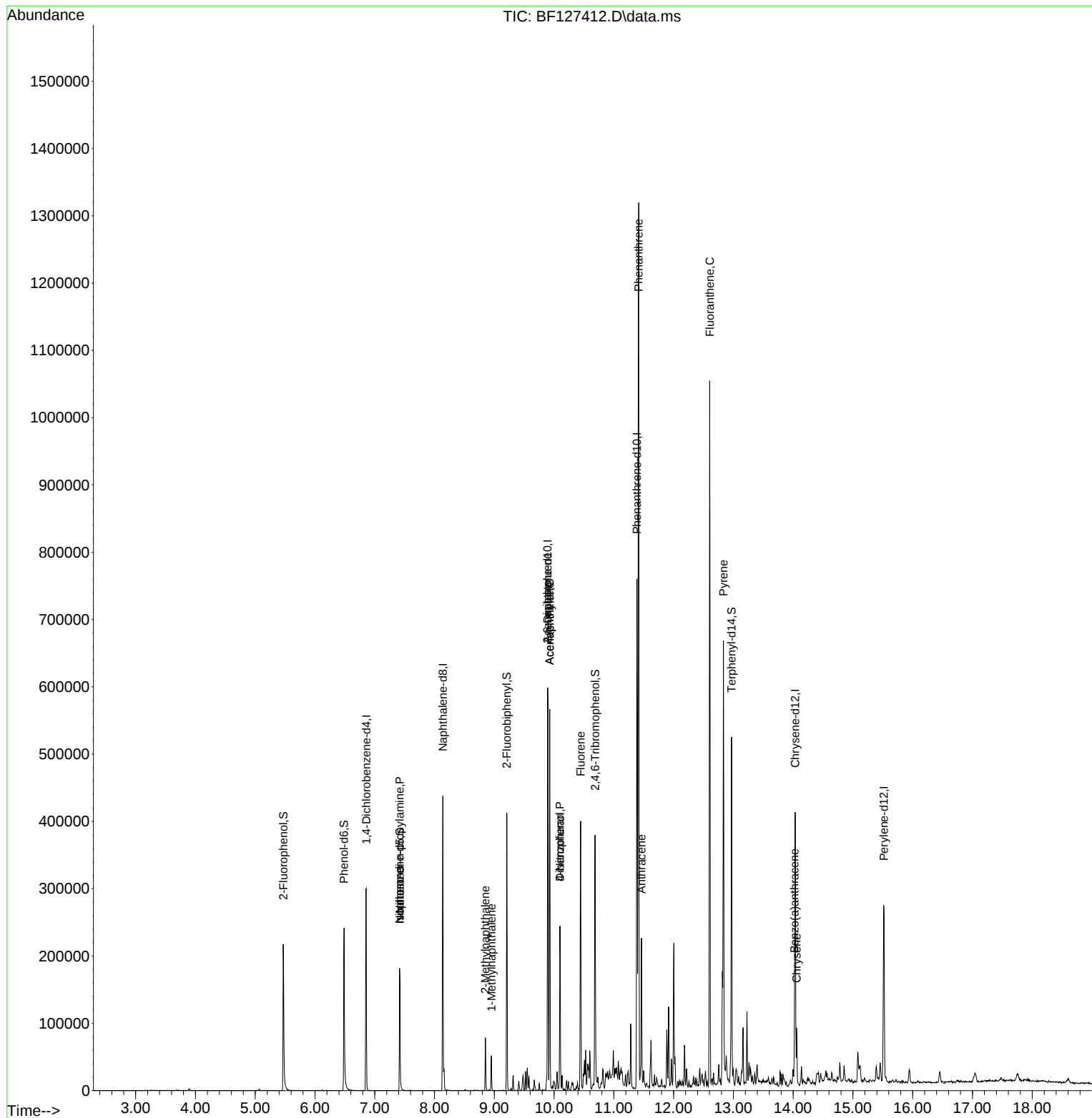
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	43162	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	154067	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	127382	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	271039	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	118138	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	118379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	53462	19.912	ng	-0.01
7) Phenol-d6	6.487	99	74153	20.076	ng	-0.01
23) Nitrobenzene-d5	7.416	82	54644	14.647	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	34384	25.075	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	104558	11.605	ng	-0.01
79) Terphenyl-d14	12.968	244	162177	23.638	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	7224	3.134	ng	# 89
25) Isophorone	7.416	82	54644	9.109	ng	# 69
37) 2-Methylnaphthalene	8.851	142	17430	3.246	ng	92
38) 1-Methylnaphthalene	8.951	142	11422	2.212	ng	100
49) Acenaphthylene	9.927	152	54668	4.773	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	17031	9.224	ng	# 21
52) Acenaphthene	9.927	154	100439	14.712	ng	95
55) Dibenzofuran	10.098	168	82473	7.776	ng	97
56) 4-Nitrophenol	10.098	139	31681	25.905	ng	# 7
58) Fluorene	10.445	166	97078	11.804	ng	99
71) Phenanthrene	11.416	178	472928	33.054	ng	99
72) Anthracene	11.463	178	74979	5.292	ng	98
75) Fluoranthene	12.604	202	393065	24.570	ng	92
78) Pyrene	12.833	202	255147	27.728	ng	100
81) Benzo(a)anthracene	14.021	228	42485	5.341	ng	98
83) Chrysene	14.057	228	33962	4.590	ng	95

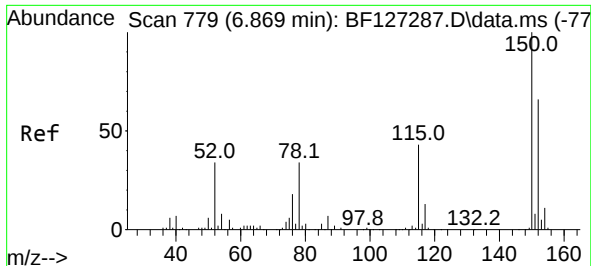
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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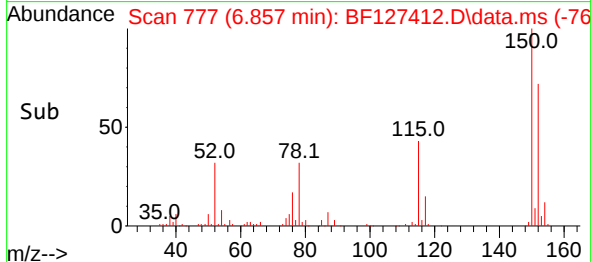
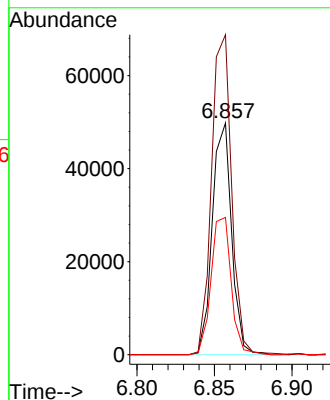
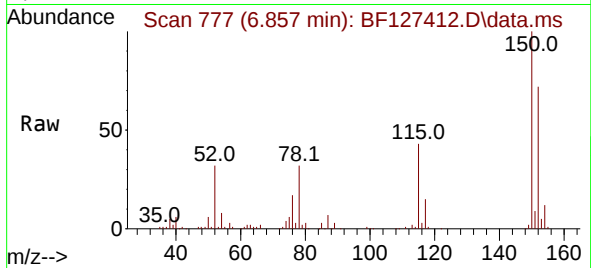




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

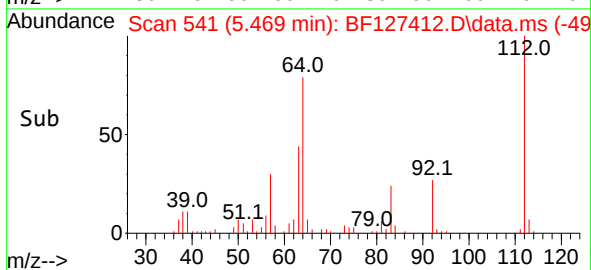
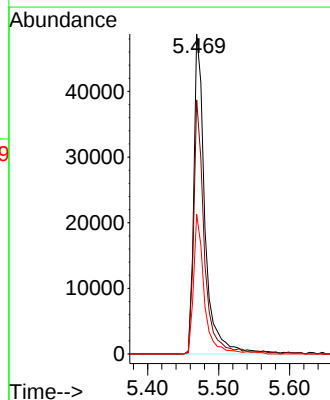
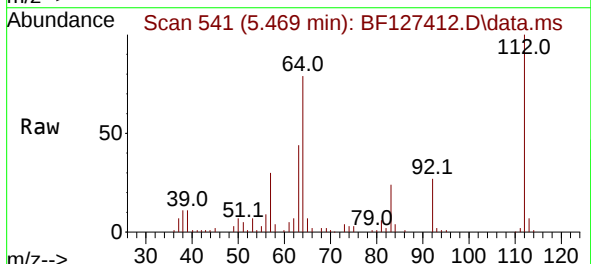
Instrument :
BNA_F
ClientSampleId :
RT4743DL

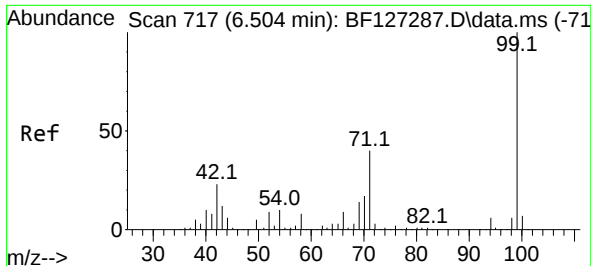
Tgt Ion:152 Resp: 43162
Ion Ratio Lower Upper
152 100
150 138.1 128.1 192.1
115 59.2 56.7 85.1



#5
2-Fluorophenol
Concen: 19.912 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion:112 Resp: 53462
Ion Ratio Lower Upper
112 100
64 79.4 49.5 74.3#
63 43.7 23.9 35.9#

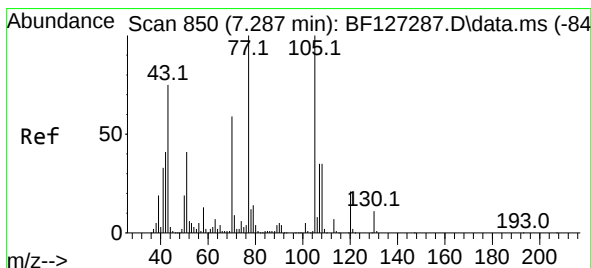
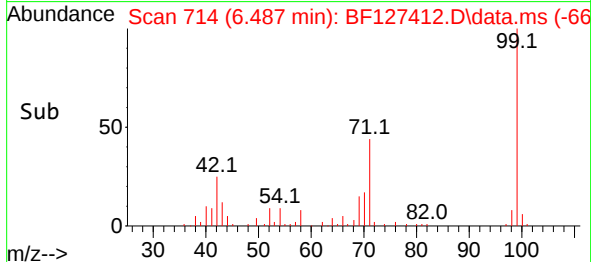
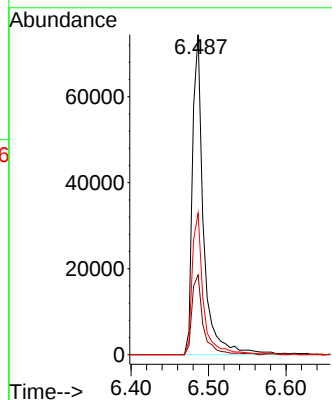
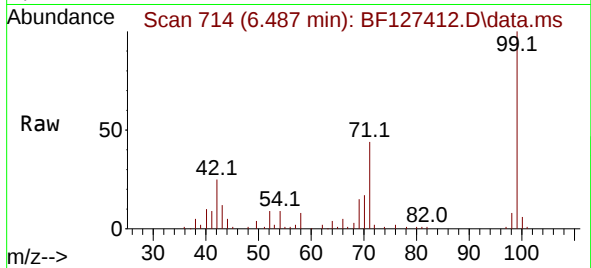




#7
Phenol-d6
Concen: 20.076 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

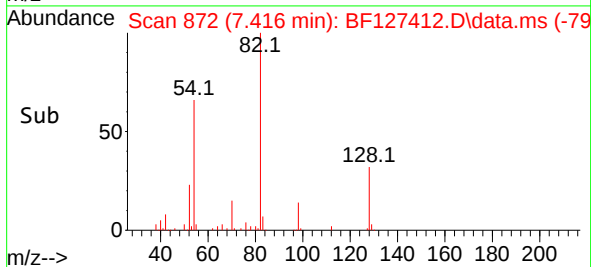
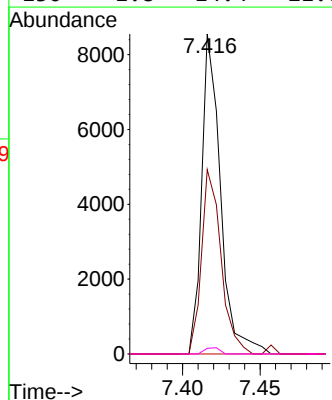
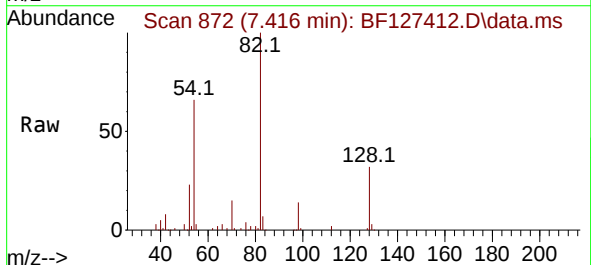
Instrument :
BNA_F
ClientSampleId :
RT4743DL

Tgt Ion: 99 Resp: 74153
Ion Ratio Lower Upper
99 100
42 24.9 14.2 21.4#
71 44.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 3.134 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.135 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion: 70 Resp: 7224
Ion Ratio Lower Upper
70 100
42 57.6 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

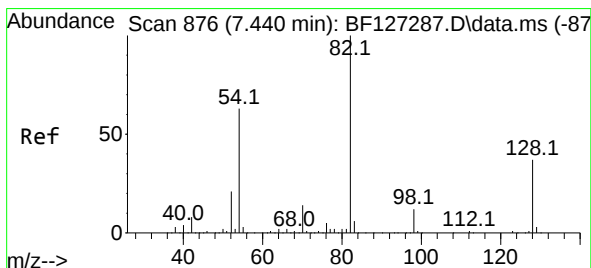
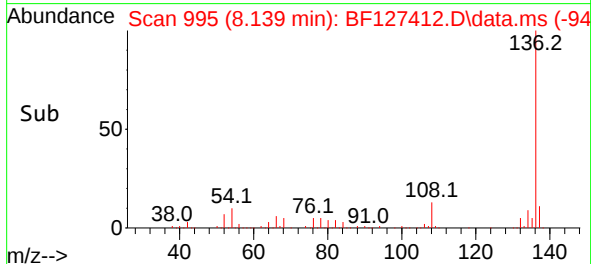
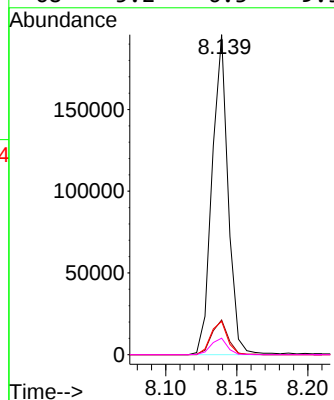
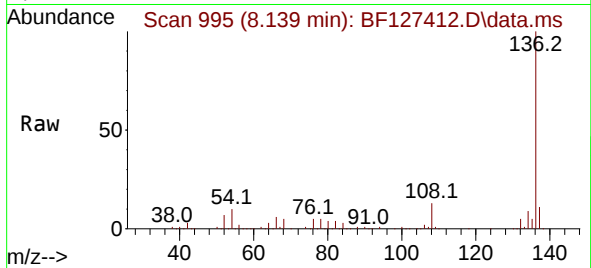




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

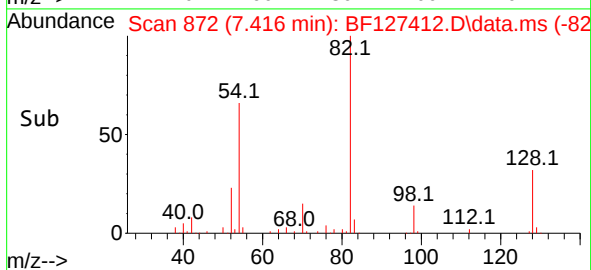
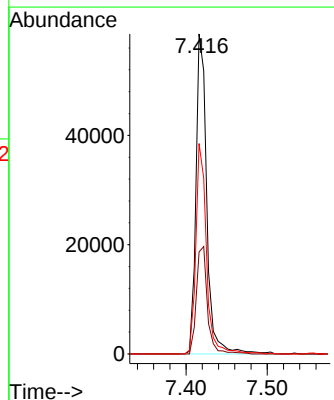
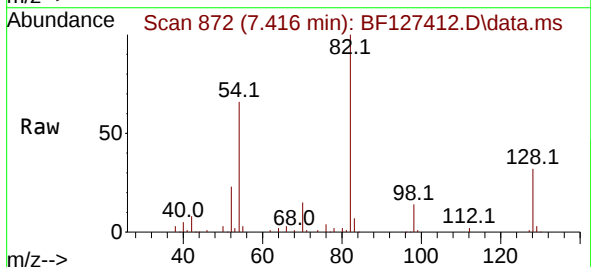
Instrument :
BNA_F
ClientSampleId :
RT4743DL

Tgt Ion:136 Resp: 154067
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.4 7.8 11.6
68 5.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 14.647 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.018 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion: 82 Resp: 54644
Ion Ratio Lower Upper
82 100
128 31.9 32.7 49.1#
54 65.8 41.7 62.5#

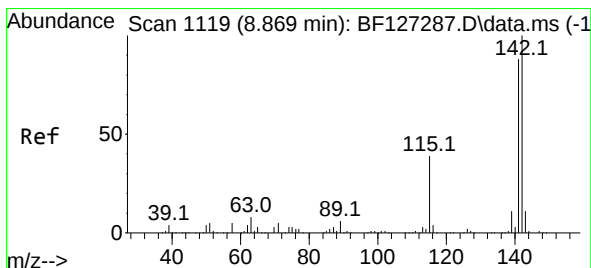
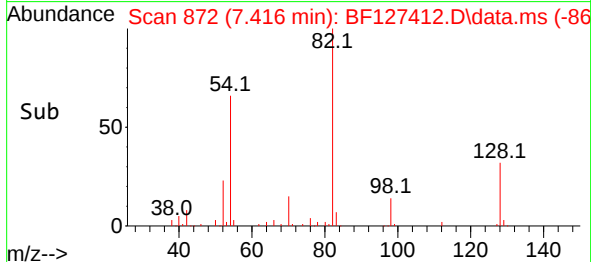
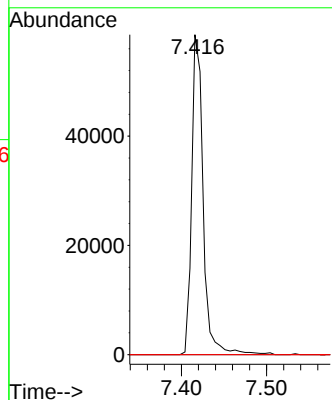
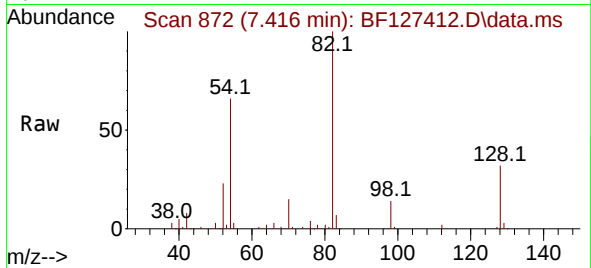




#25
Isophorone
Concen: 9.109 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

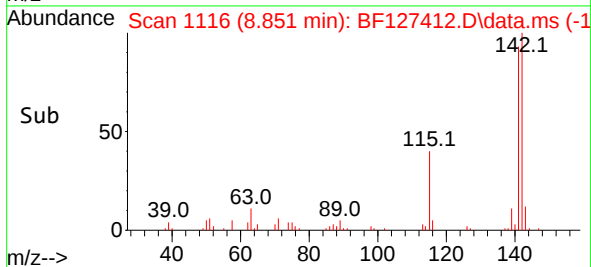
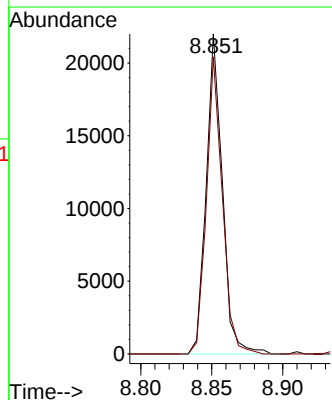
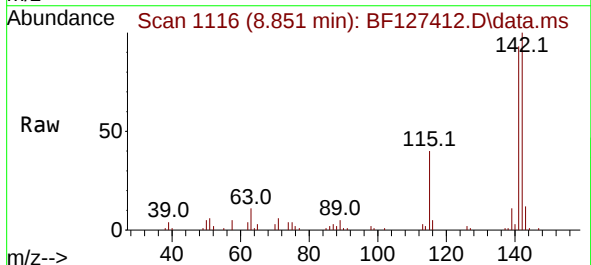
Instrument :
BNA_F
ClientSampleId :
RT4743DL

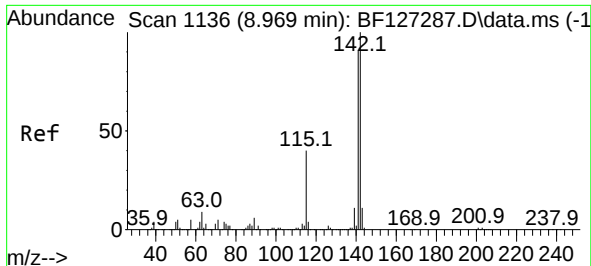
Tgt Ion: 82 Resp: 54644
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#37
2-Methylnaphthalene
Concen: 3.246 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion: 142 Resp: 17430
Ion Ratio Lower Upper
142 100
141 92.8 68.6 102.8

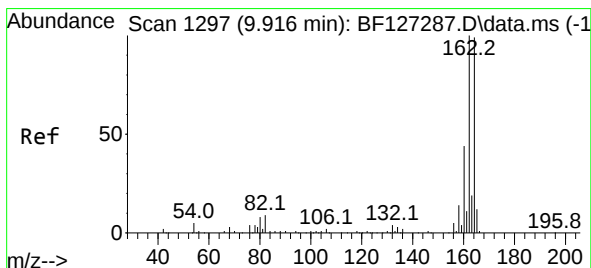
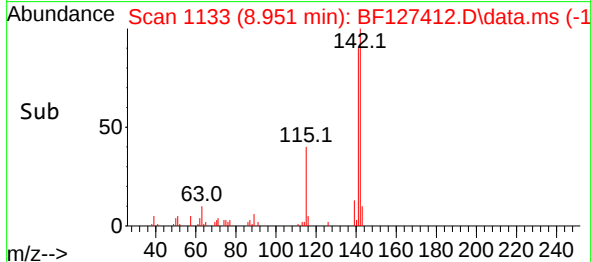
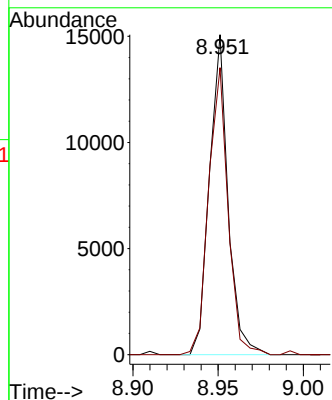
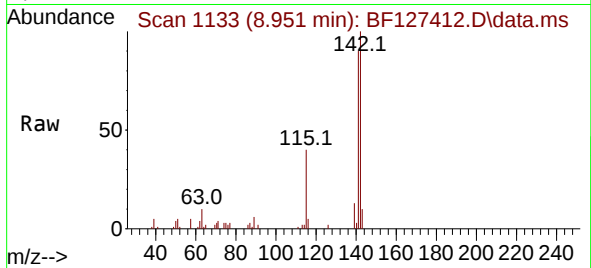




#38
1-Methylnaphthalene
Concen: 2.212 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

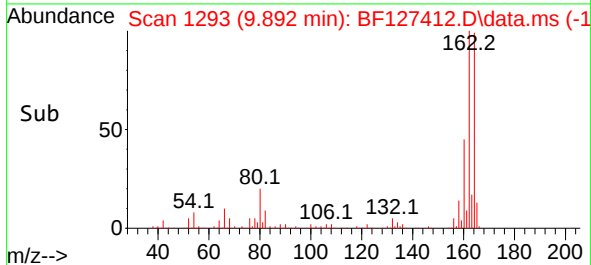
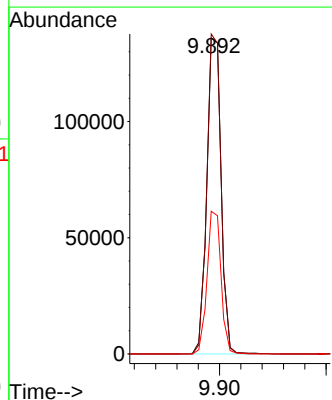
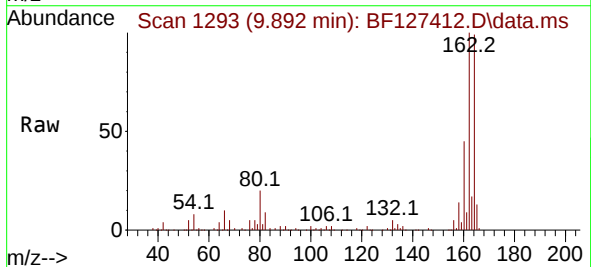
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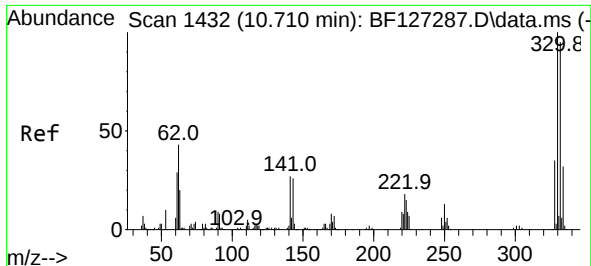
Tgt Ion:142 Resp: 11422
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion:164 Resp: 127382
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 25.075 ng

RT: 10.686 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF127412.D

Acq: 19 Mar 2022 01:11

Instrument :

BNA_F

ClientSampleId :

RT4743DL

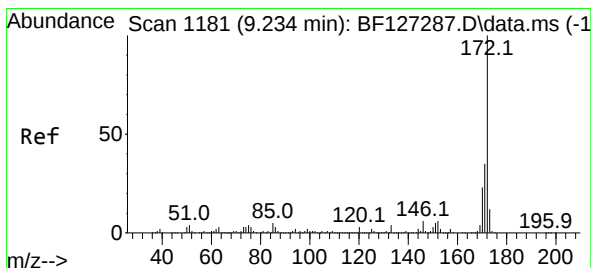
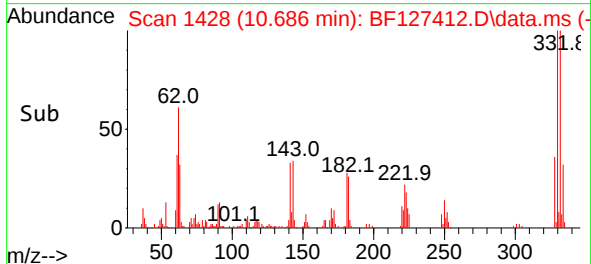
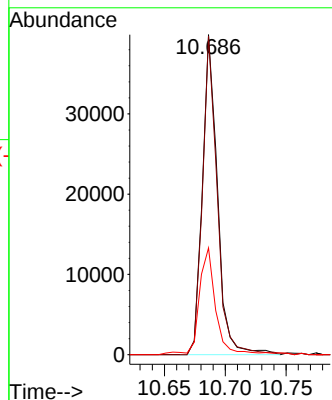
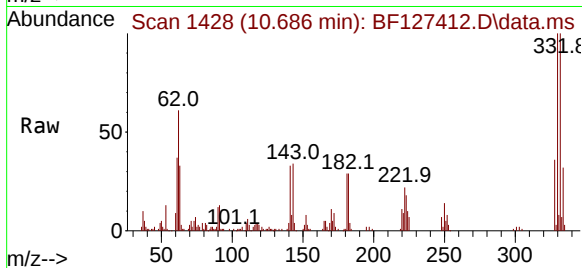
Tgt Ion:330 Resp: 34384

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 36.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 11.605 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF127412.D

Acq: 19 Mar 2022 01:11

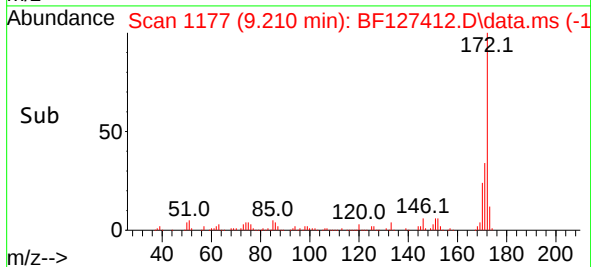
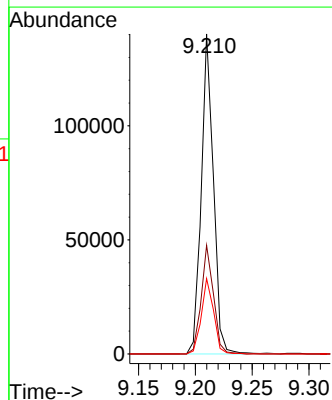
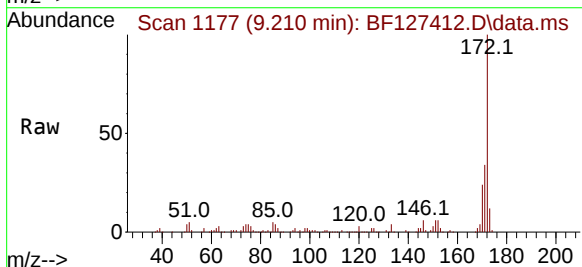
Tgt Ion:172 Resp: 104558

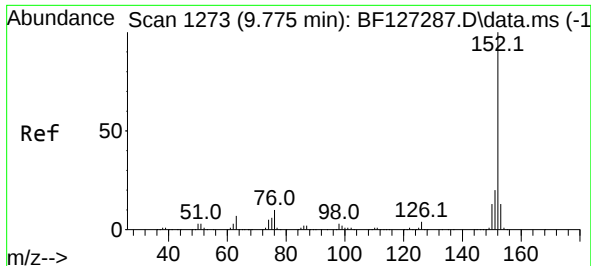
Ion Ratio Lower Upper

172 100

171 34.0 28.3 42.5

170 23.5 19.0 28.6





#49

Acenaphthylene

Concen: 4.773 ng

RT: 9.927 min Scan# 1299

Delta R.T. 0.159 min

Lab File: BF127412.D

Acq: 19 Mar 2022 01:11

Instrument :

BNA_F

ClientSampleId :

RT4743DL

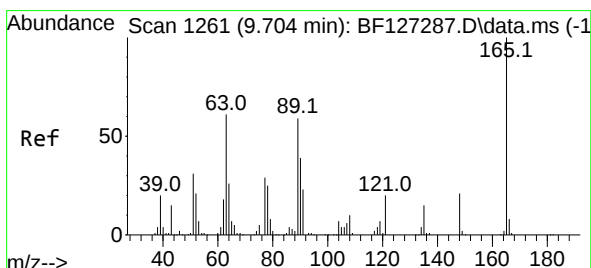
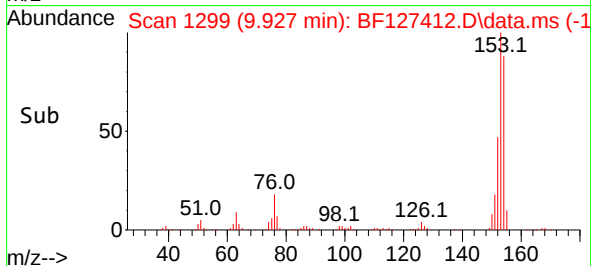
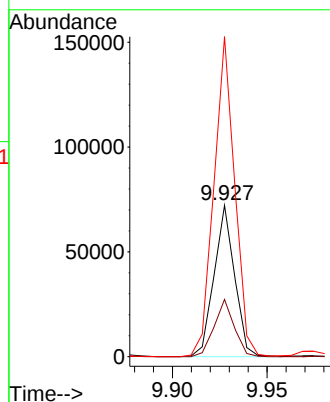
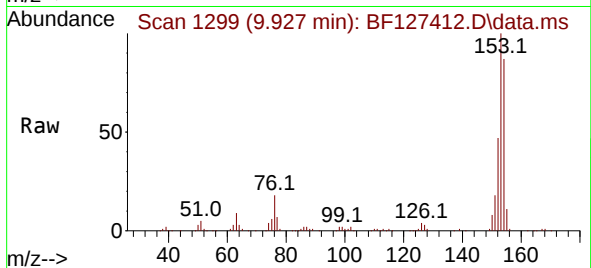
Tgt Ion:152 Resp: 54668

Ion Ratio Lower Upper

152 100

151 37.9 15.7 23.5#

153 211.3 11.4 17.0#



#51

2,6-Dinitrotoluene

Concen: 9.224 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF127412.D

Acq: 19 Mar 2022 01:11

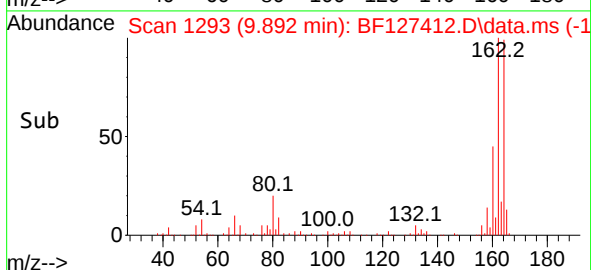
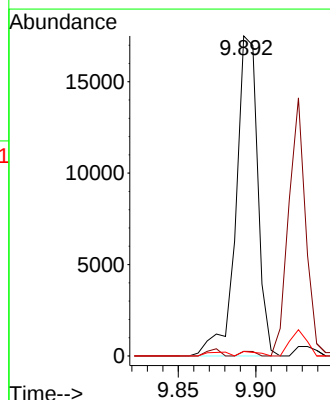
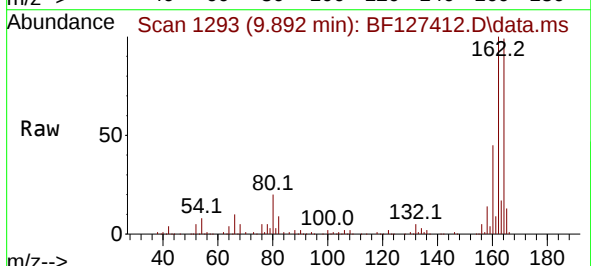
Tgt Ion:165 Resp: 17031

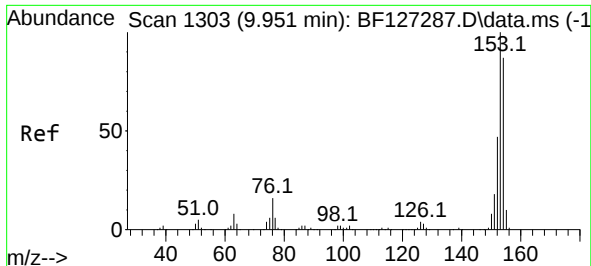
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.4 50.5 75.7#

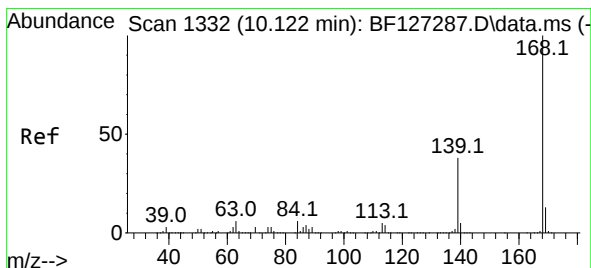
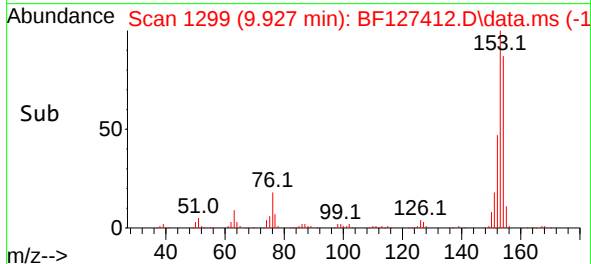
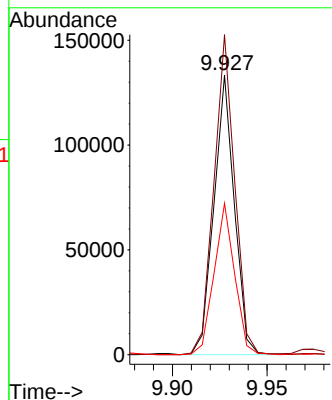
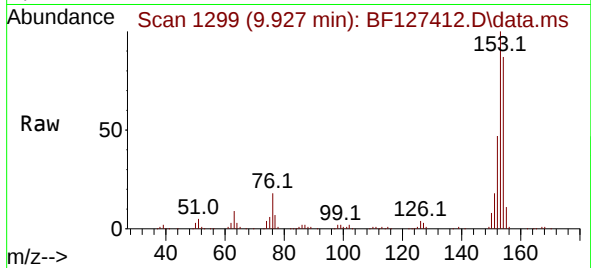




#52
Acenaphthene
Concen: 14.712 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

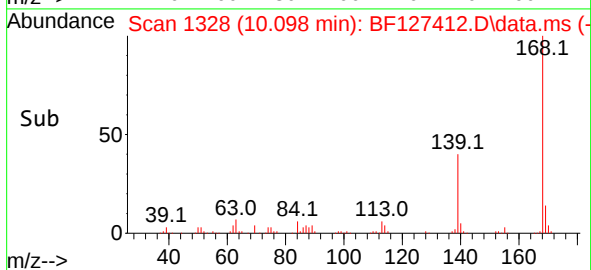
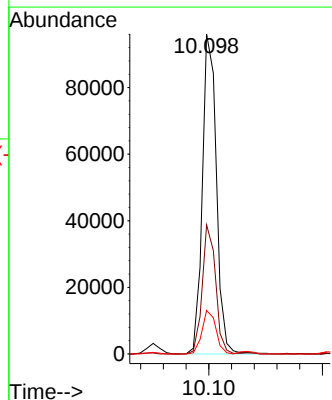
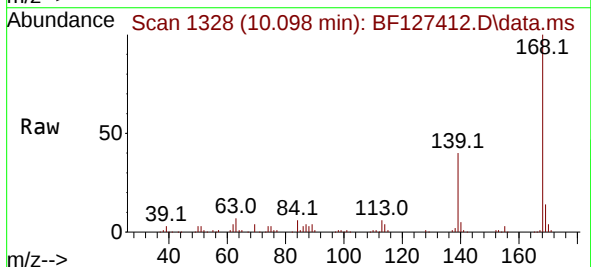
Instrument :
BNA_F
ClientSampleId :
RT4743DL

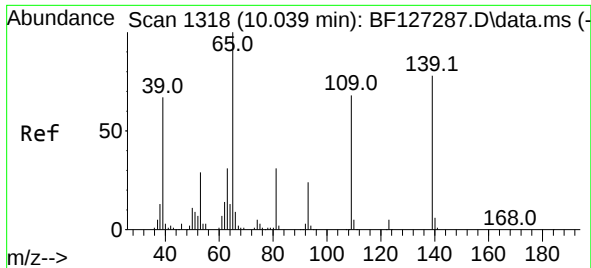
Tgt Ion:154 Resp: 100439
Ion Ratio Lower Upper
154 100
153 114.4 87.8 131.6
152 54.2 39.4 59.2



#55
Dibenzofuran
Concen: 7.776 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion:168 Resp: 82473
Ion Ratio Lower Upper
168 100
139 40.4 30.6 46.0
169 13.6 10.0 15.0

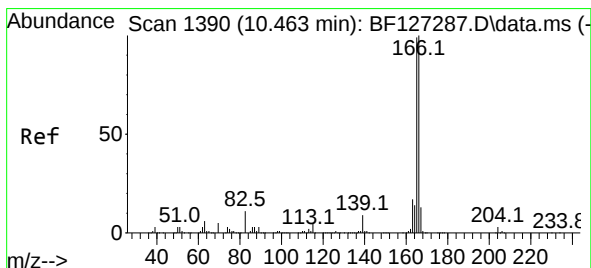
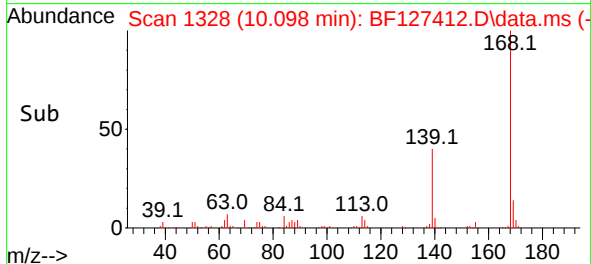
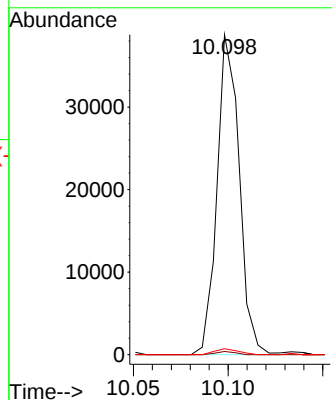
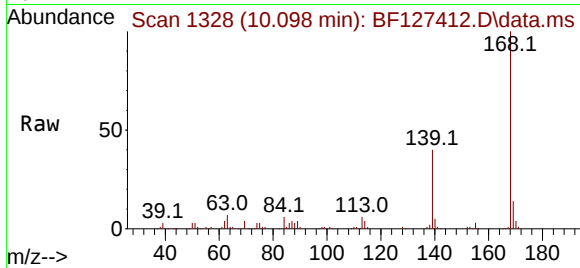




#56
4-Nitrophenol
Concen: 25.905 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

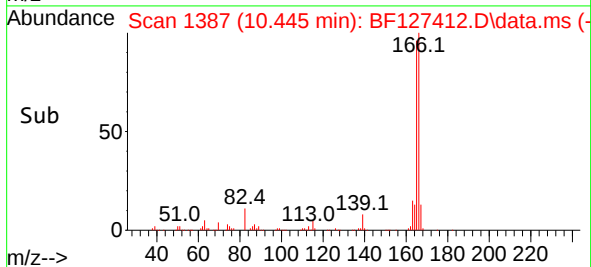
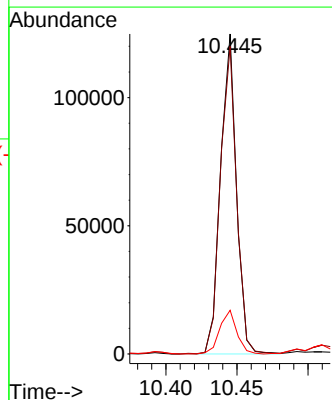
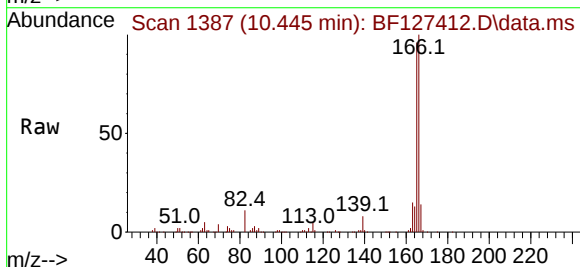
Instrument :
BNA_F
ClientSampleId :
RT4743DL

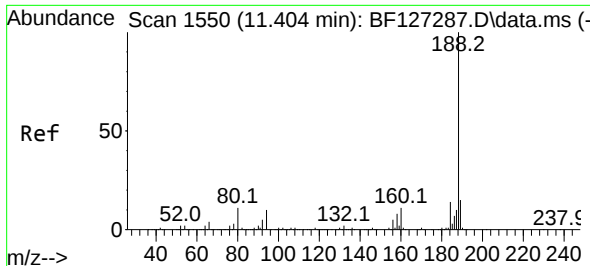
Tgt Ion:139 Resp: 31681
Ion Ratio Lower Upper
139 100
109 1.0 44.1 84.1#
65 1.9 85.5 125.5#



#58
Fluorene
Concen: 11.804 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion:166 Resp: 97078
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 13.7 10.7 16.1

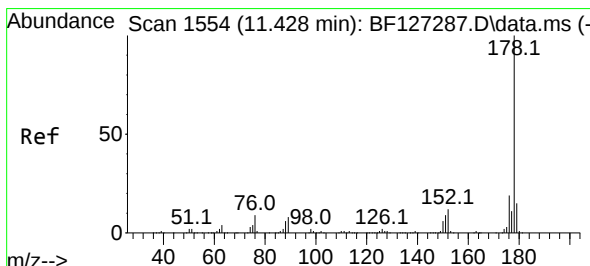
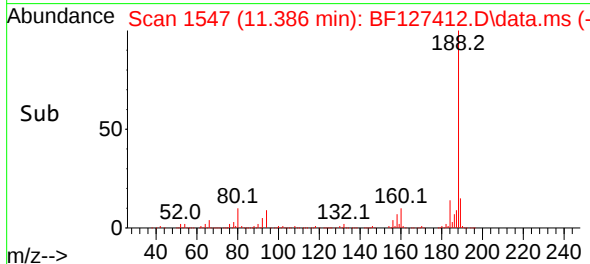
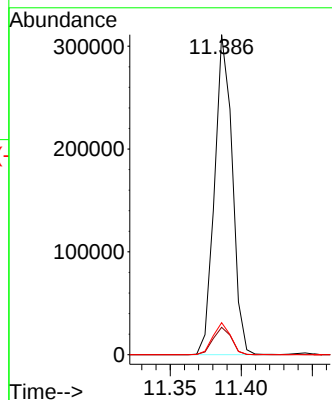
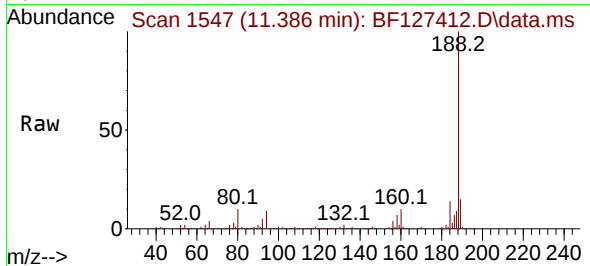




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

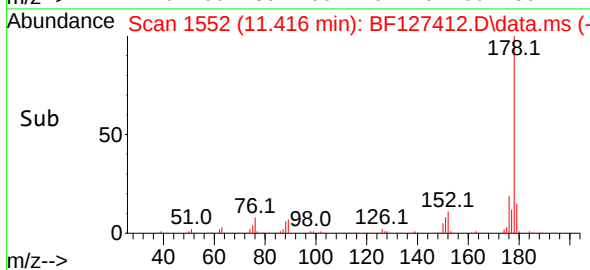
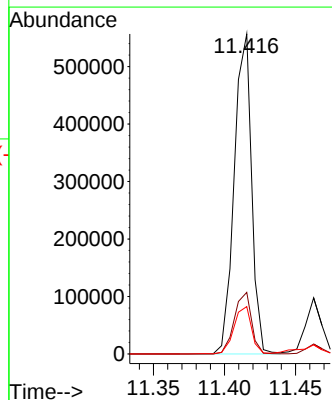
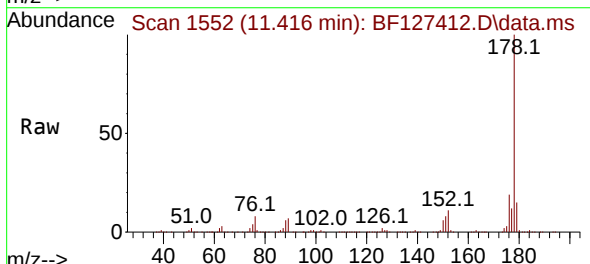
Instrument :
BNA_F
ClientSampleId :
RT4743DL

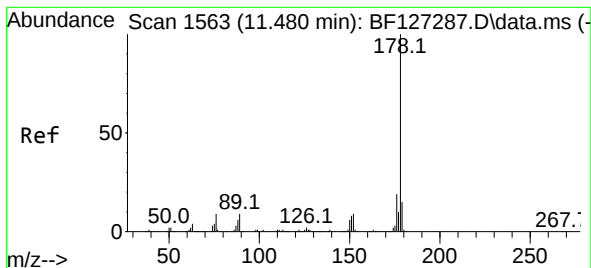
Tgt Ion:188 Resp: 271039
Ion Ratio Lower Upper
188 100
94 8.6 10.1 15.1#
80 10.0 11.8 17.6#



#71
Phenanthrene
Concen: 33.054 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion:178 Resp: 472928
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.8 12.3 18.5





#72

Anthracene

Concen: 5.292 ng

RT: 11.463 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127412.D

Acq: 19 Mar 2022 01:11

Instrument :

BNA_F

ClientSampleId :

RT4743DL

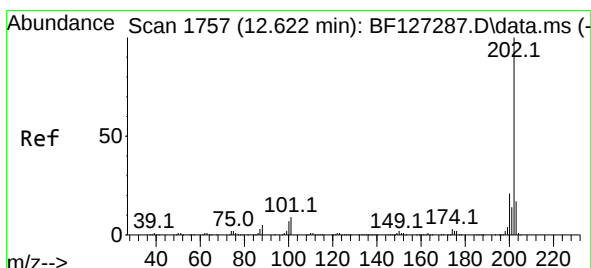
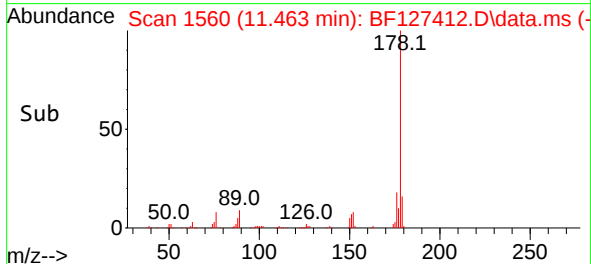
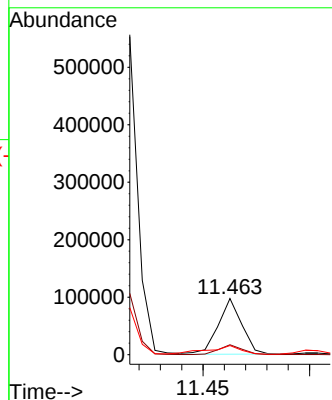
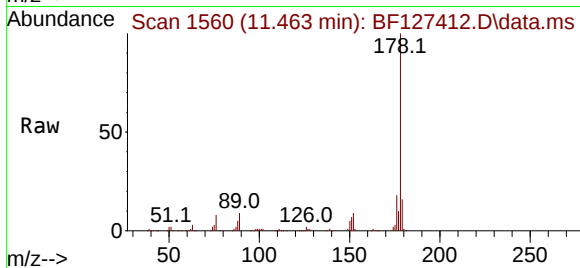
Tgt Ion:178 Resp: 74979

Ion Ratio Lower Upper

178 100

176 17.7 15.0 22.6

179 16.2 12.5 18.7



#75

Fluoranthene

Concen: 24.570 ng

RT: 12.604 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BF127412.D

Acq: 19 Mar 2022 01:11

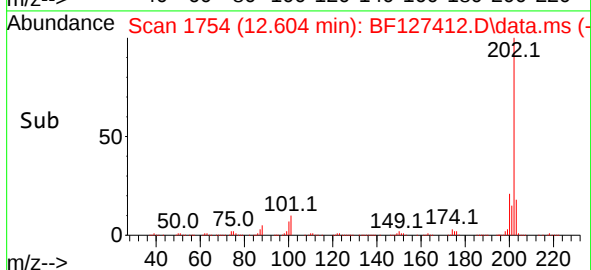
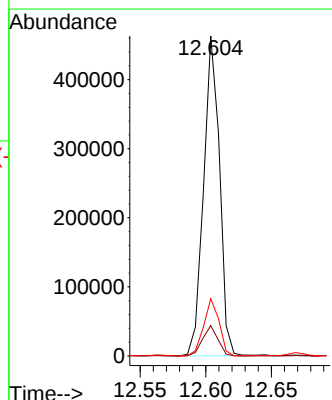
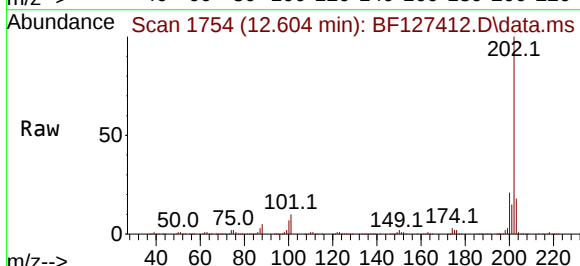
Tgt Ion:202 Resp: 393065

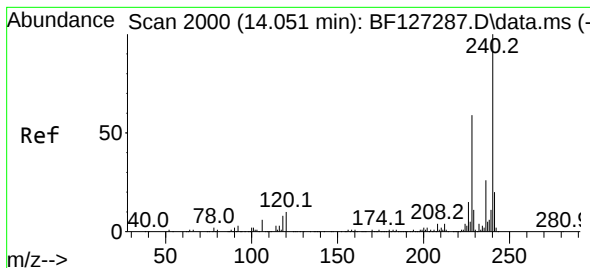
Ion Ratio Lower Upper

202 100

101 9.5 0.0 35.7

203 17.9 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.012 min

Lab File: BF127412.D

Acq: 19 Mar 2022 01:11

Instrument :

BNA_F

ClientSampleId :

RT4743DL

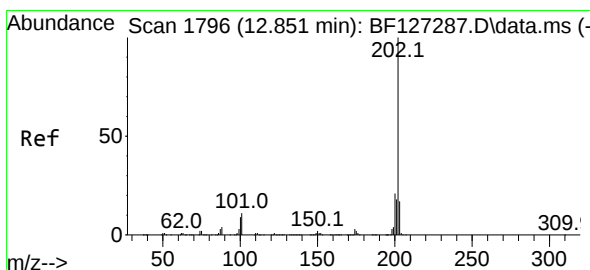
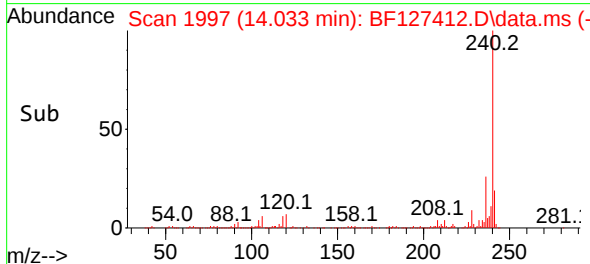
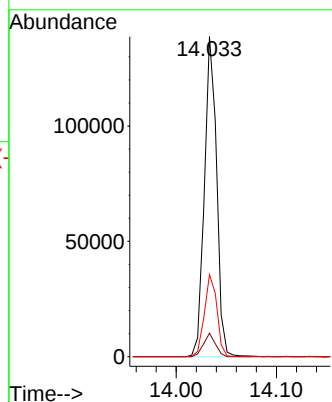
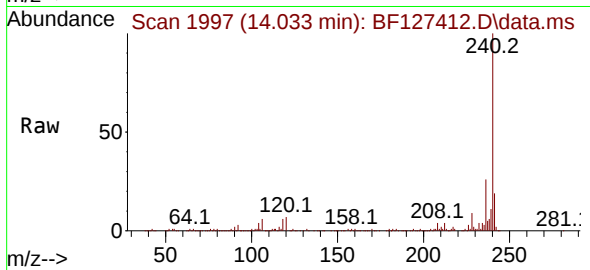
Tgt Ion:240 Resp: 118138

Ion Ratio Lower Upper

240 100

120 7.4 14.4 21.6#

236 25.7 20.5 30.7



#78

Pyrene

Concen: 27.728 ng

RT: 12.833 min Scan# 1793

Delta R.T. -0.006 min

Lab File: BF127412.D

Acq: 19 Mar 2022 01:11

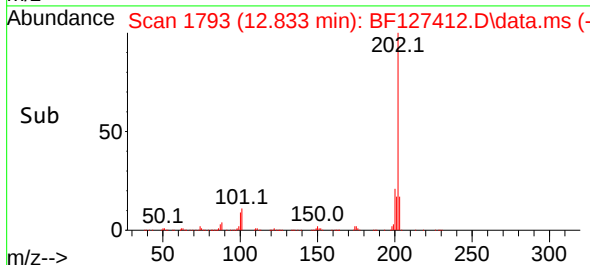
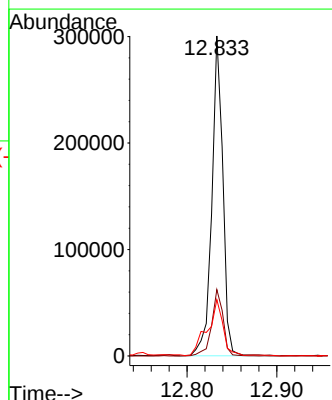
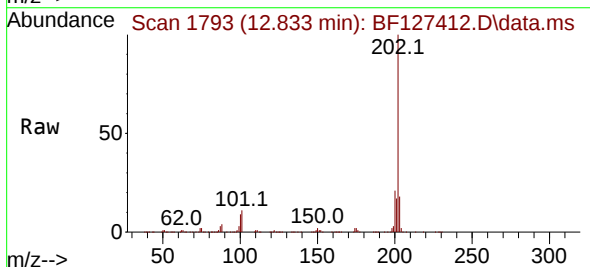
Tgt Ion:202 Resp: 255147

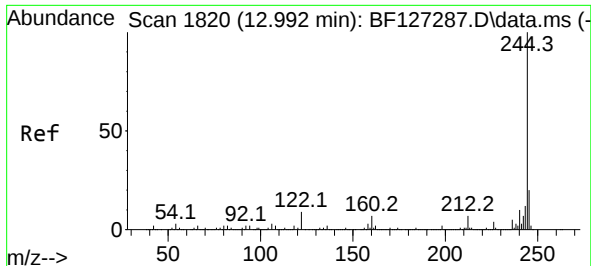
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 17.6 13.8 20.8

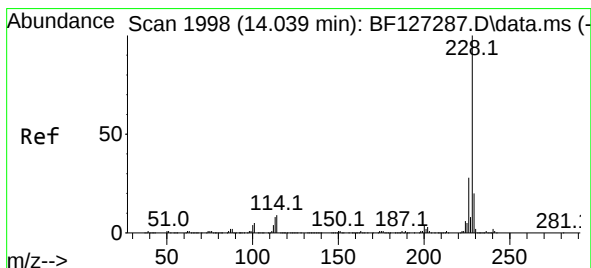
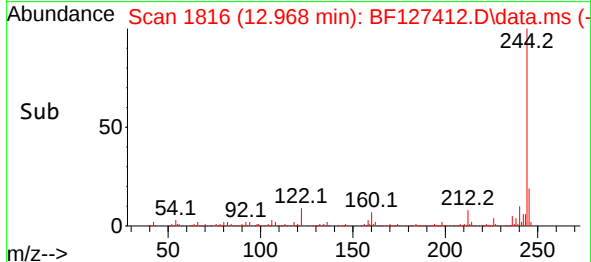
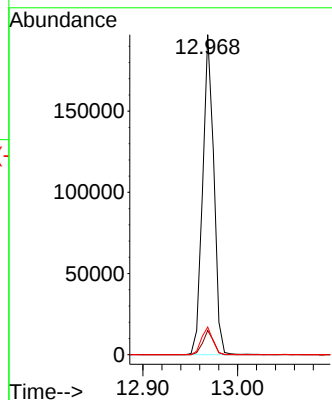
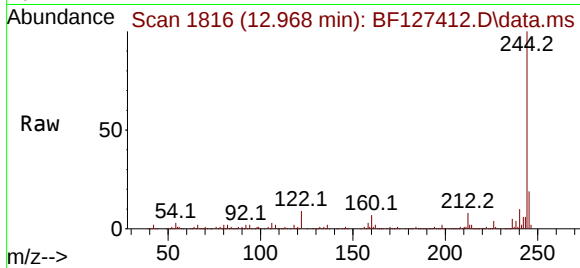




#79
 Terphenyl-d14
 Concen: 23.638 ng
 RT: 12.968 min Scan# 1816
 Delta R.T. -0.012 min
 Lab File: BF127412.D
 Acq: 19 Mar 2022 01:11

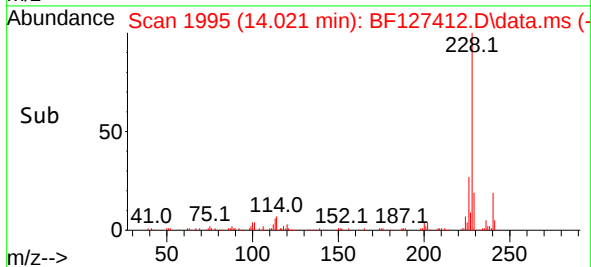
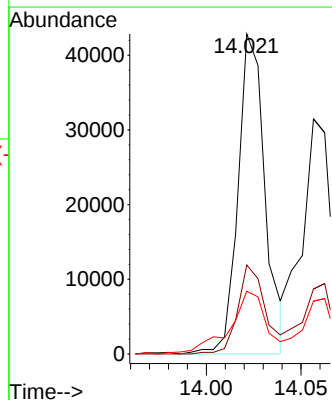
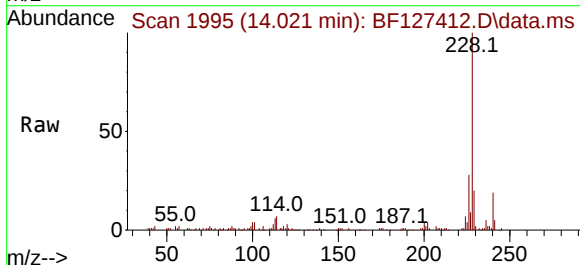
Instrument :
 BNA_F
 ClientSampleId :
 RT4743DL

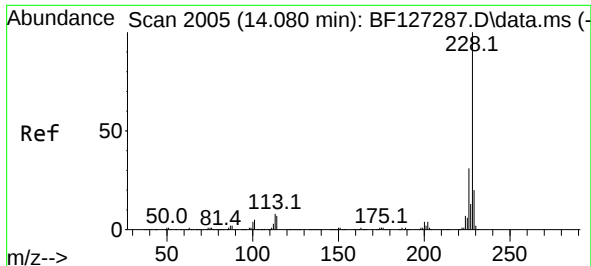
Tgt Ion:244 Resp: 162177
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.0 7.4#
 122 8.7 13.3 19.9#



#81
 Benzo(a)anthracene
 Concen: 5.341 ng
 RT: 14.021 min Scan# 1995
 Delta R.T. -0.012 min
 Lab File: BF127412.D
 Acq: 19 Mar 2022 01:11

Tgt Ion:228 Resp: 42485
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.4 32.0
 229 19.6 15.4 23.2

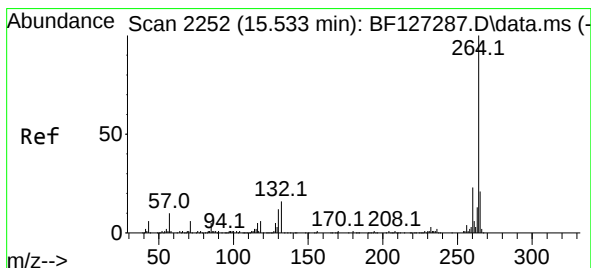
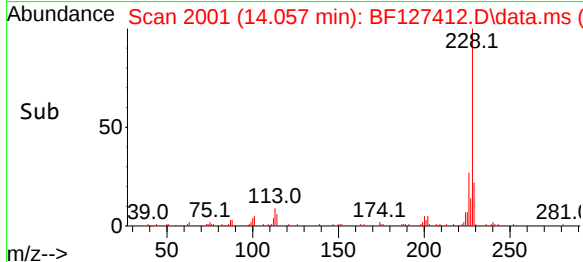
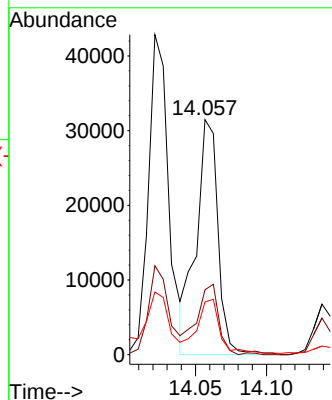
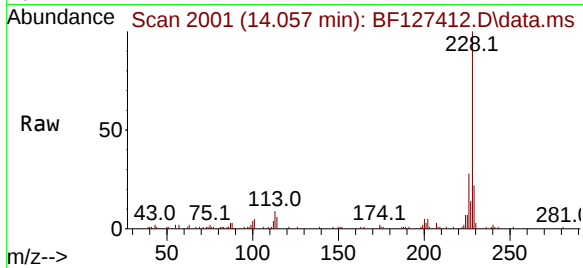




#83
Chrysene
Concen: 4.590 ng
RT: 14.057 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Instrument :
BNA_F
ClientSampleId :
RT4743DL

Tgt Ion:228 Resp: 33962
Ion Ratio Lower Upper
228 100
226 27.6 23.7 35.5
229 22.4 15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion:264 Resp: 118379
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.0 17.4 26.2

