

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127409.D
 Acq On : 18 Mar 2022 23:44
 Operator : CG\JU
 Sample : N1983-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Quant Time: Mar 19 01:54:10 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)

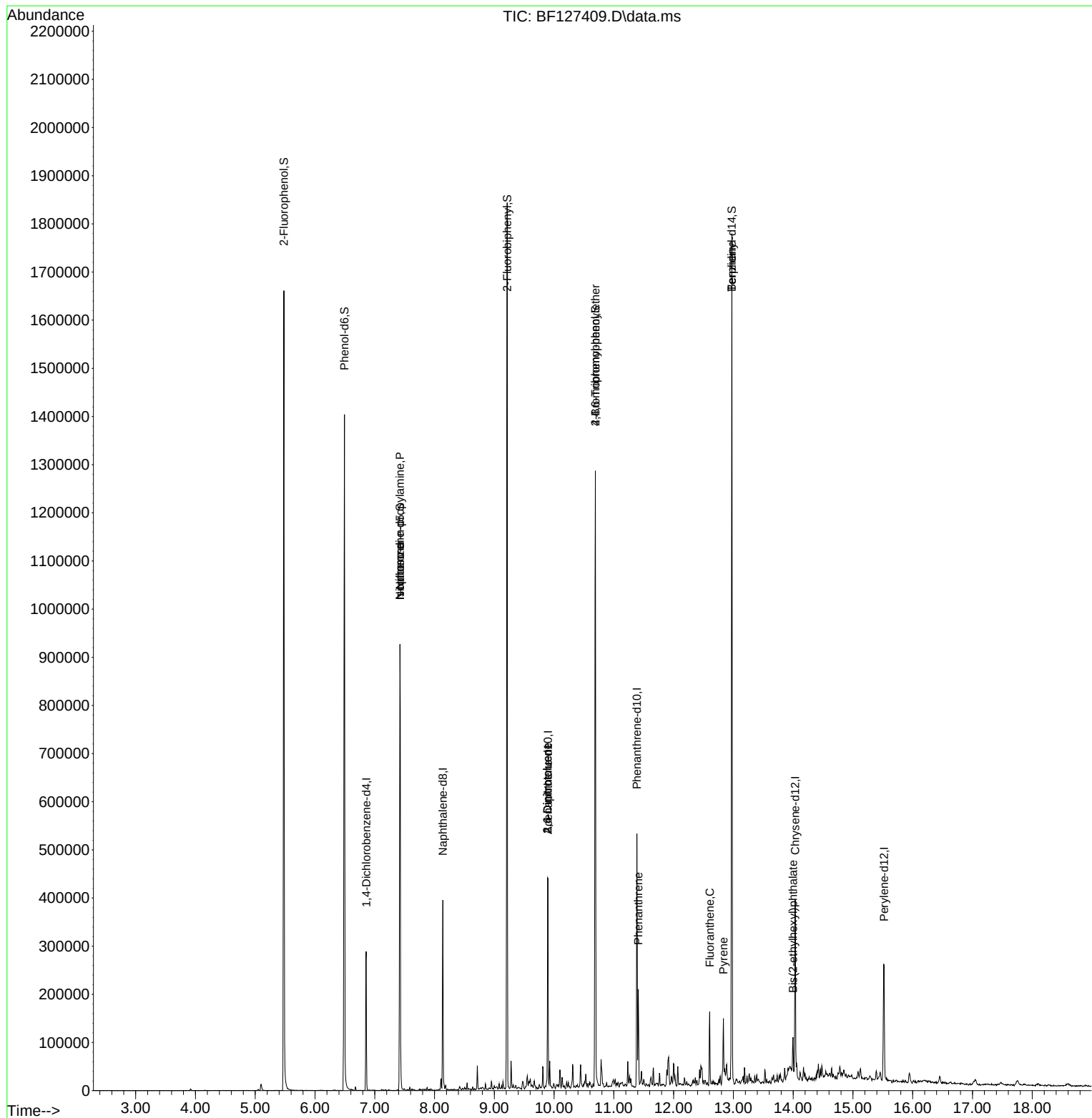
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	39946	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	142071	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	88717	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	170615	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	115259	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	113123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	368139	148.152	ng	0.00
7) Phenol-d6	6.492	99	411321	120.328	ng	0.00
23) Nitrobenzene-d5	7.422	82	290226	84.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	141411	148.069	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	492798	78.532	ng	0.00
79) Terphenyl-d14	12.974	244	555212	82.948	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	791	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	42591	19.966	ng	# 89
25) Isophorone	7.422	82	290222	52.466	ng	# 69
51) 2,6-Dinitrotoluene	9.892	165	11461	8.913	ng	# 22
57) 2,4-Dinitrotoluene	9.892	165	11461	6.774	ng	# 16
67) 4-Bromophenyl-phenylether	10.692	248	9964	4.845	ng	# 1
71) Phenanthrene	11.410	178	62056	6.890	ng	97
75) Fluoranthene	12.604	202	55387	5.500	ng	89
77) Benzidine	12.974	184	7582	2.587	ng	# 92
78) Pyrene	12.833	202	41840	4.661	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	16291	3.503	ng	# 99

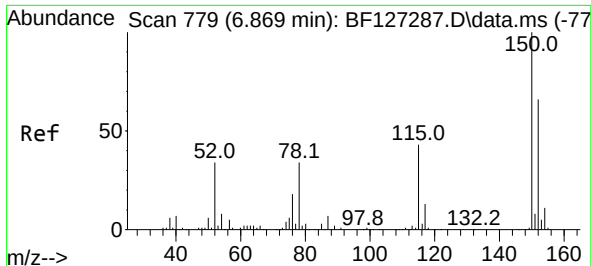
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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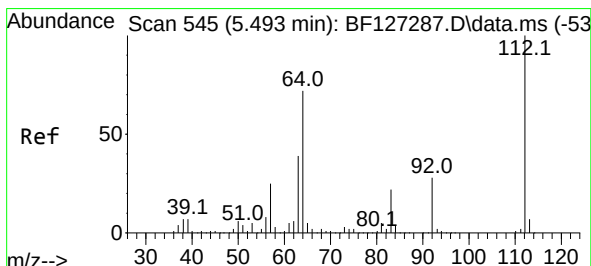
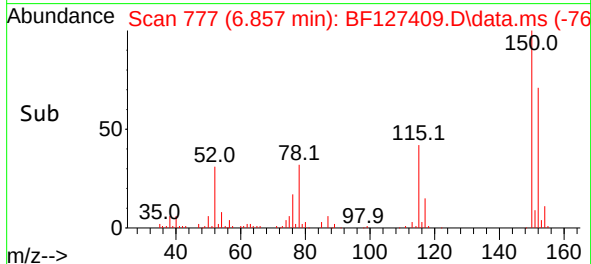
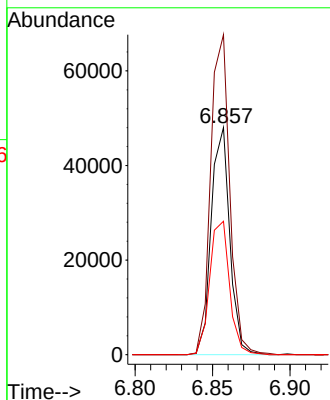
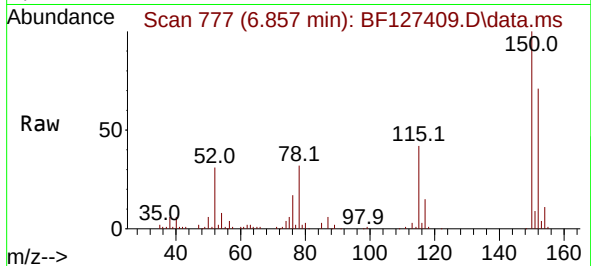




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

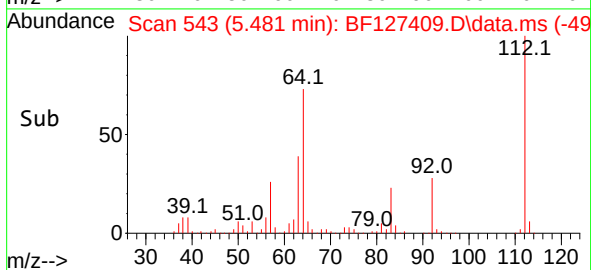
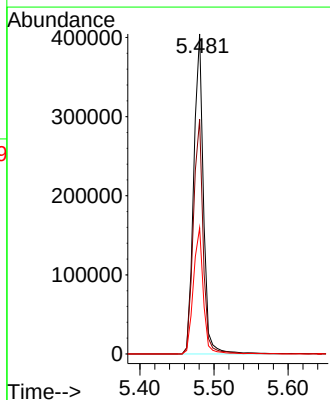
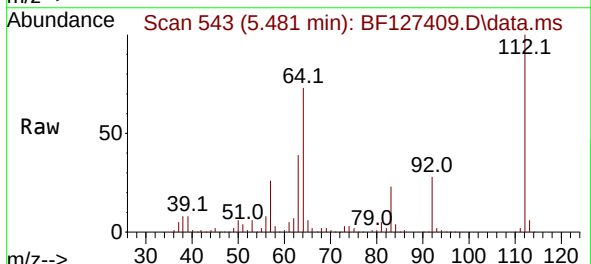
Instrument :
BNA_F
ClientSampleId :
124042

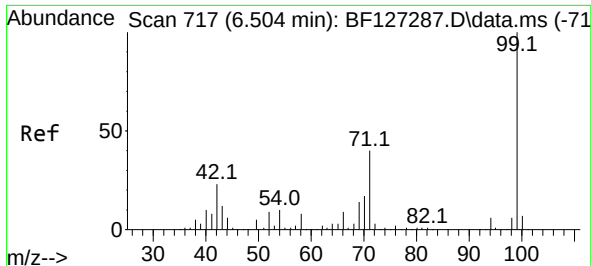
Tgt Ion:152 Resp: 39946
Ion Ratio Lower Upper
152 100
150 140.8 128.1 192.1
115 58.7 56.7 85.1



#5
2-Fluorophenol
Concen: 148.152 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:112 Resp: 368139
Ion Ratio Lower Upper
112 100
64 73.3 49.5 74.3
63 39.4 23.9 35.9#

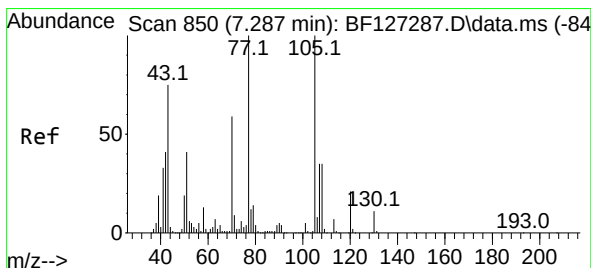
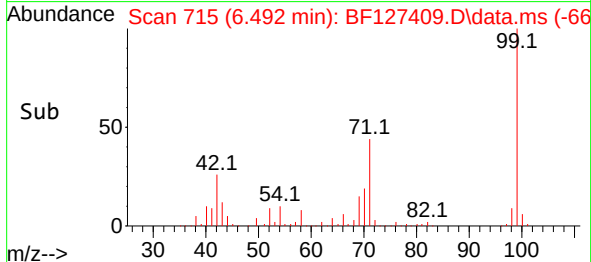
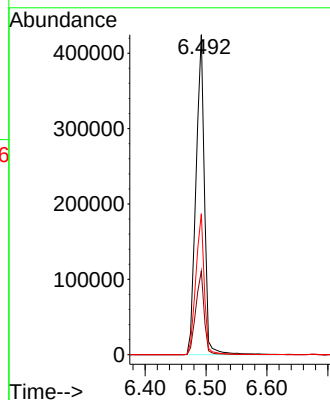
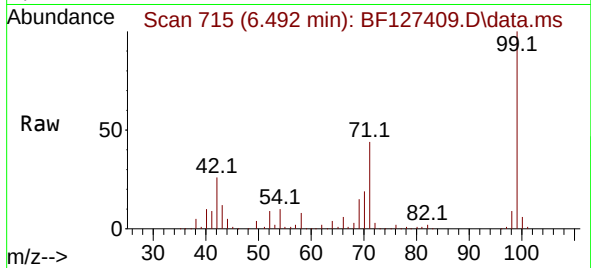




#7
Phenol-d6
Concen: 120.328 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

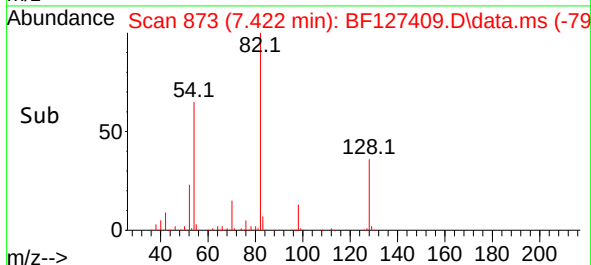
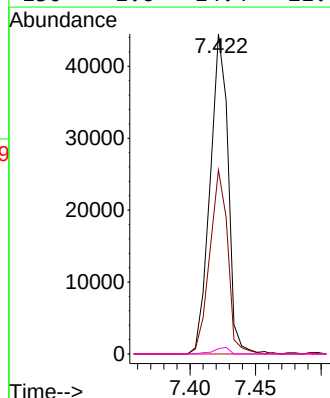
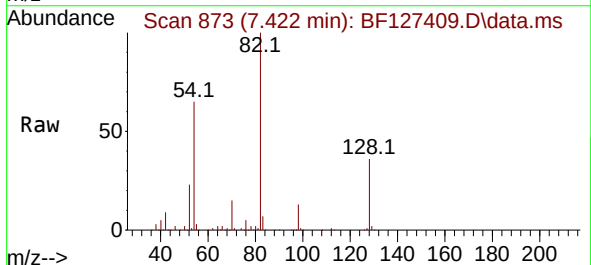
Instrument :
BNA_F
ClientSampleId :
124042

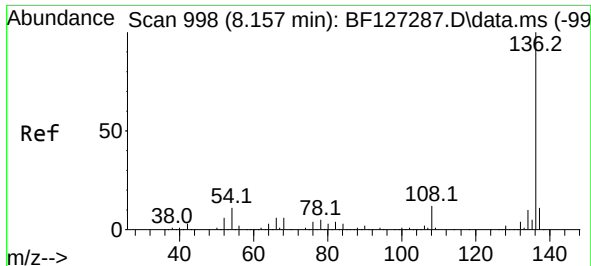
Tgt Ion: 99 Resp: 411321
Ion Ratio Lower Upper
99 100
42 26.2 14.2 21.4#
71 44.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.966 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion: 70 Resp: 42591
Ion Ratio Lower Upper
70 100
42 57.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF127409.D

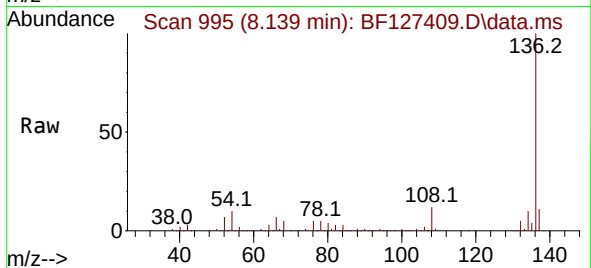
Acq: 18 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

124042



Tgt Ion:136 Resp: 142071

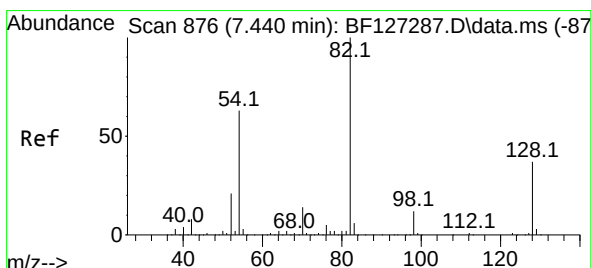
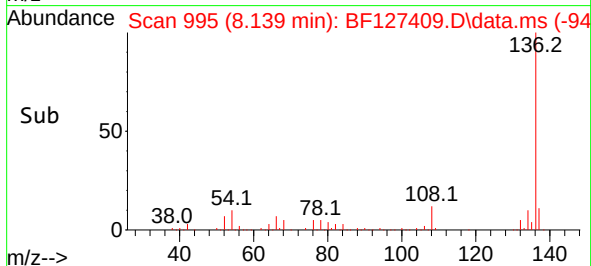
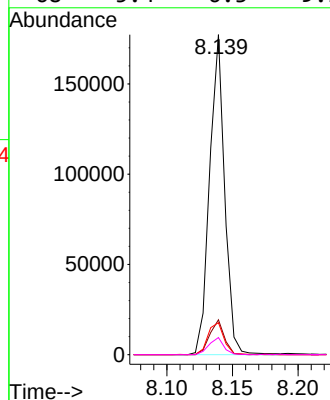
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.0 7.8 11.6

68 5.4 6.3 9.5#



#23

Nitrobenzene-d5

Concen: 84.365 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

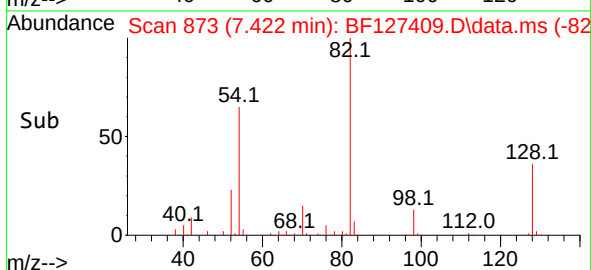
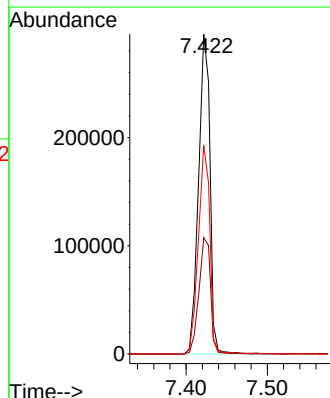
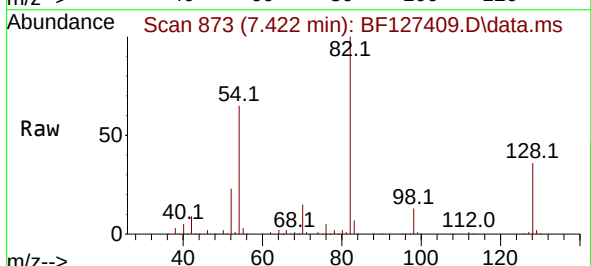
Tgt Ion: 82 Resp: 290226

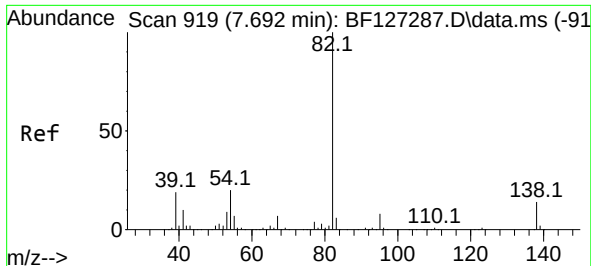
Ion Ratio Lower Upper

82 100

128 36.4 32.7 49.1

54 65.2 41.7 62.5#

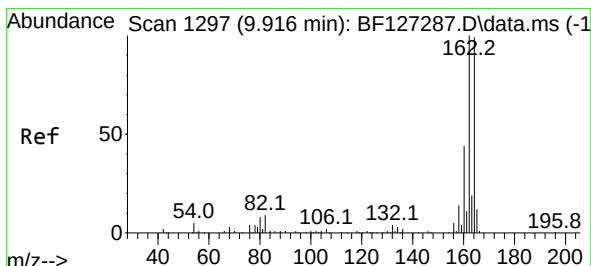
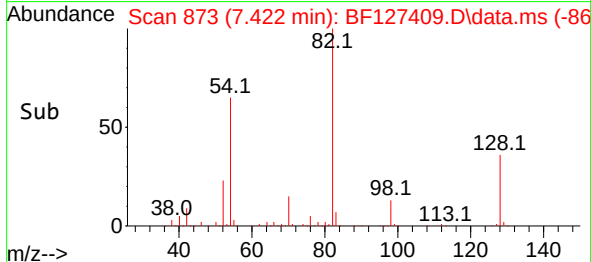
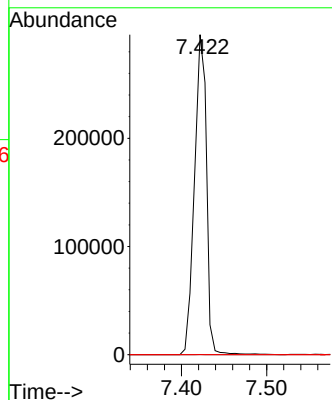
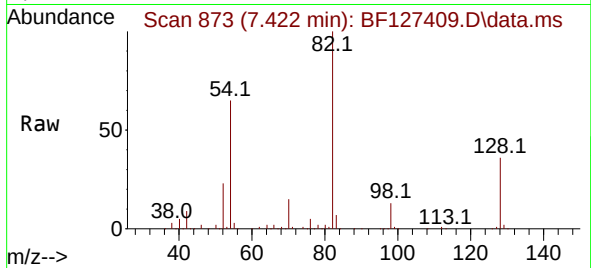




#25
Isophorone
Concen: 52.466 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

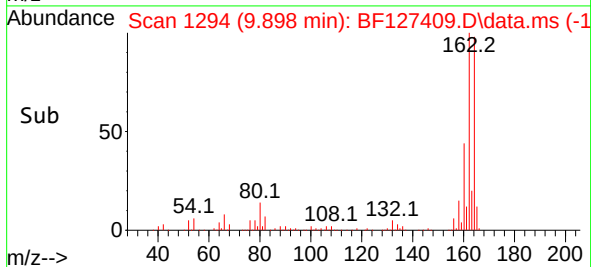
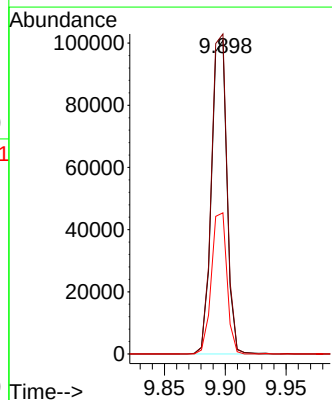
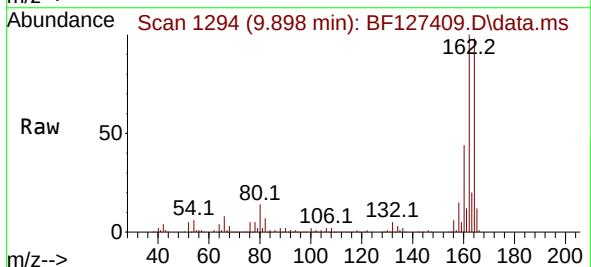
Instrument :
BNA_F
ClientSampleId :
124042

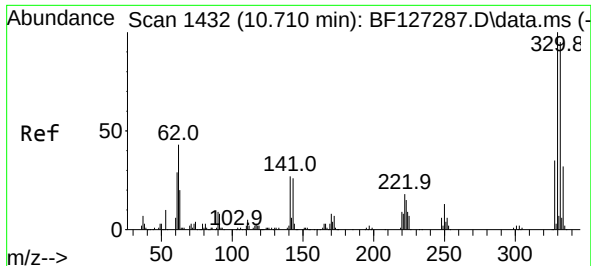
Tgt Ion: 82 Resp: 290222
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion: 164 Resp: 88717
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 148.069 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF127409.D

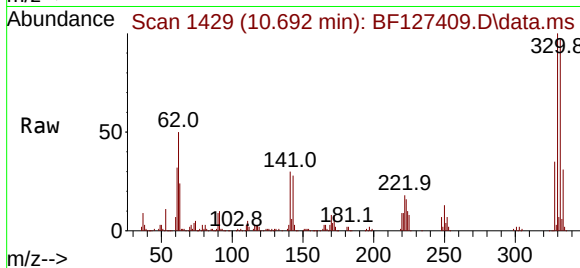
Acq: 18 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

124042



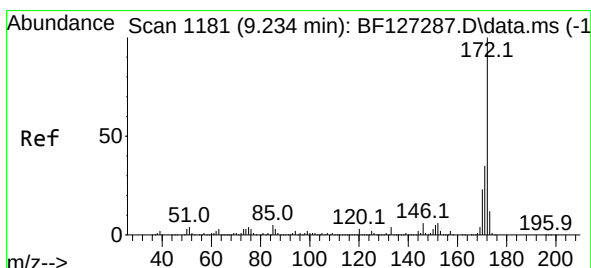
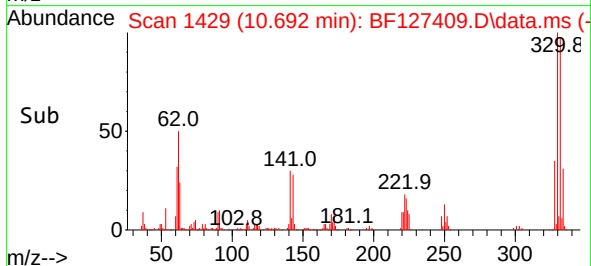
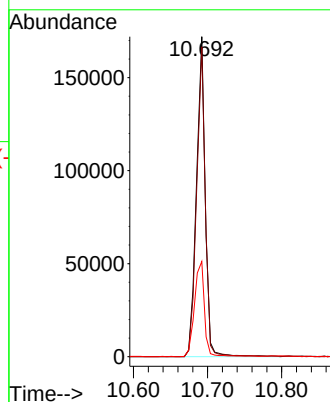
Tgt Ion:330 Resp: 141411

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 33.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.532 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

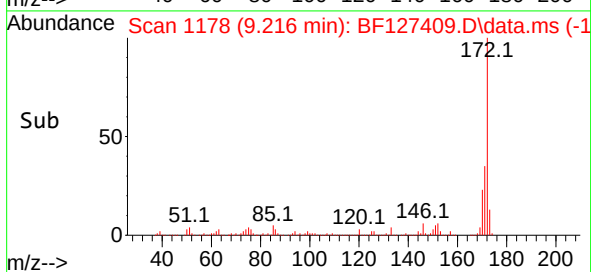
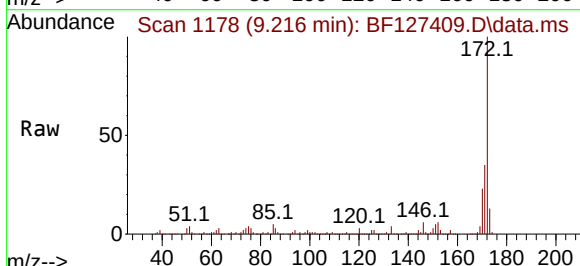
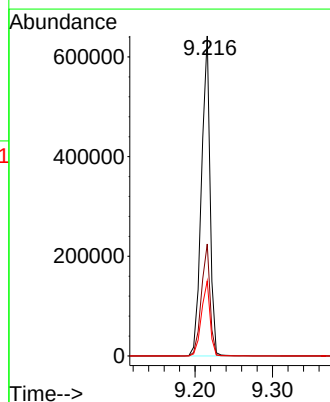
Tgt Ion:172 Resp: 492798

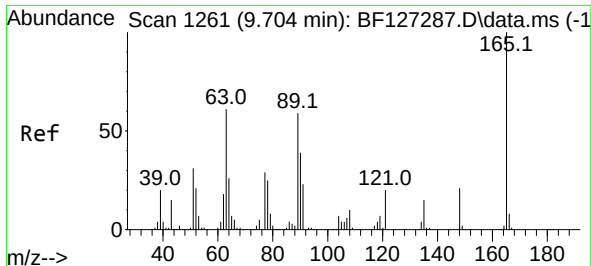
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.913 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

124042

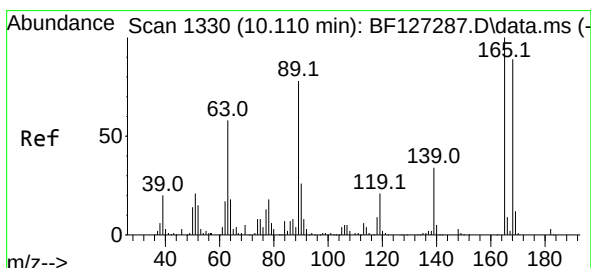
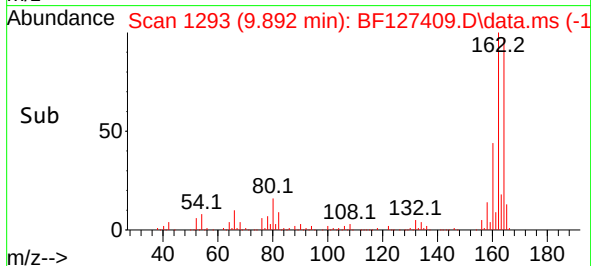
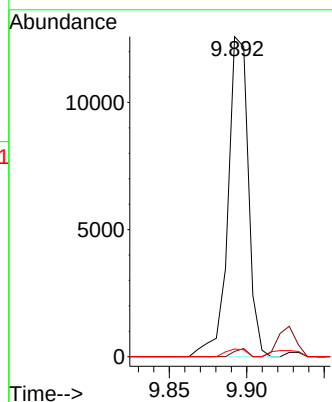
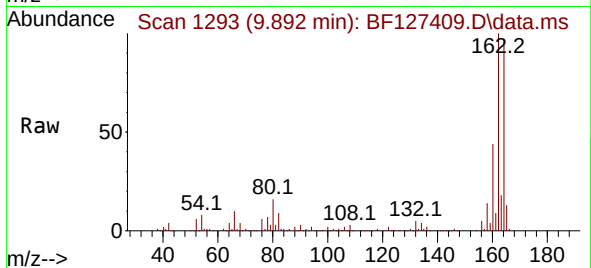
Tgt Ion:165 Resp: 11461

Ion Ratio Lower Upper

165 100

63 1.7 48.4 72.6#

89 2.4 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.774 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

Tgt Ion:165 Resp: 11461

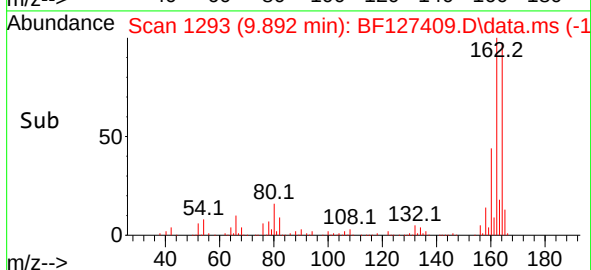
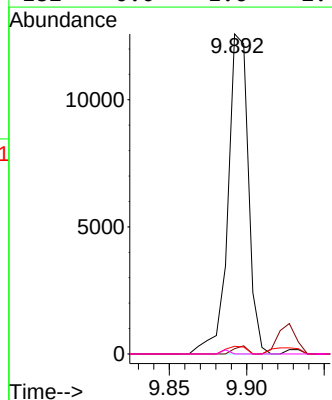
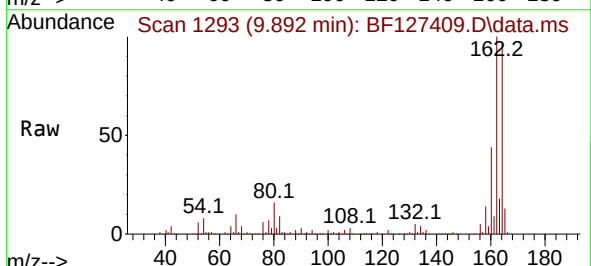
Ion Ratio Lower Upper

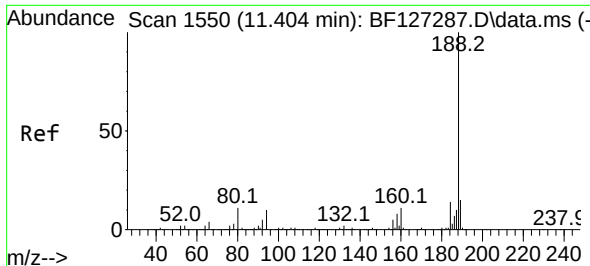
165 100

63 1.7 43.0 64.6#

89 2.4 71.0 106.4#

182 0.0 1.6 2.4#

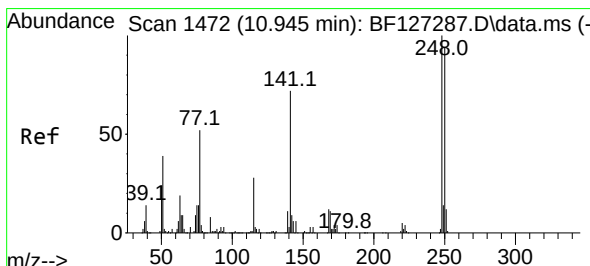
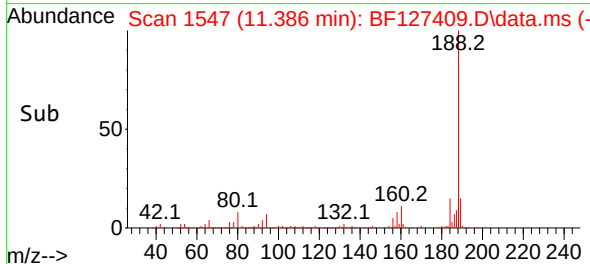
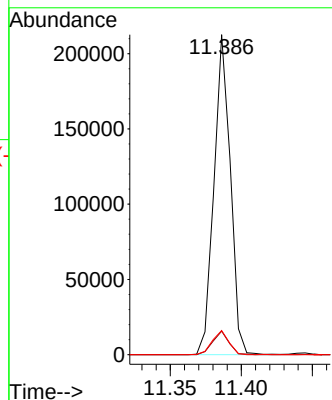
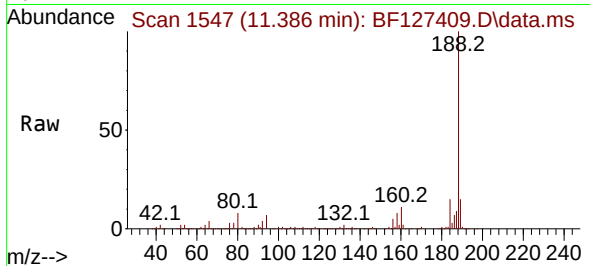




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

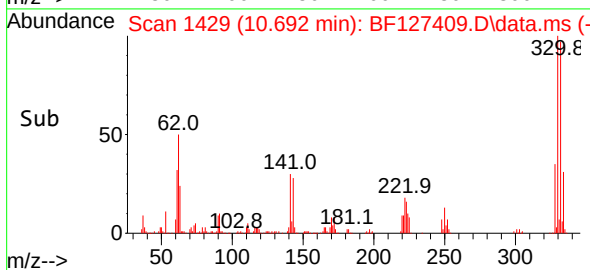
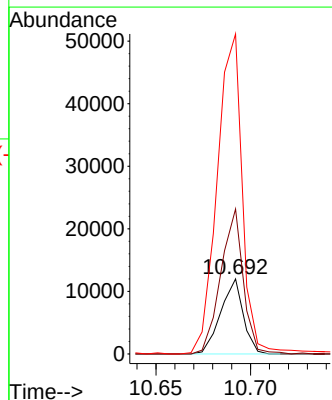
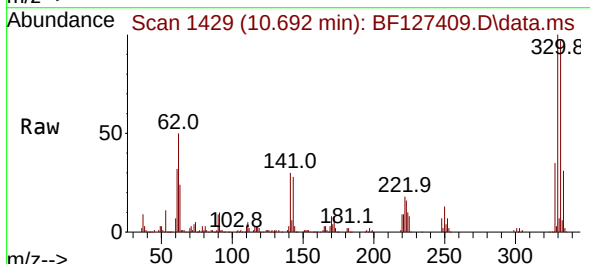
Instrument :
BNA_F
ClientSampleId :
124042

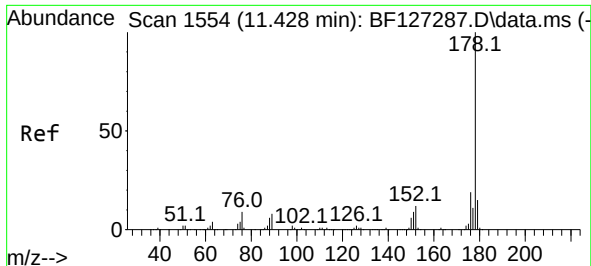
Tgt Ion:188 Resp: 170615
Ion Ratio Lower Upper
188 100
94 7.3 10.1 15.1#
80 7.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.845 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:248 Resp: 9964
Ion Ratio Lower Upper
248 100
250 193.2 76.2 114.4#
141 426.3 66.2 99.4#

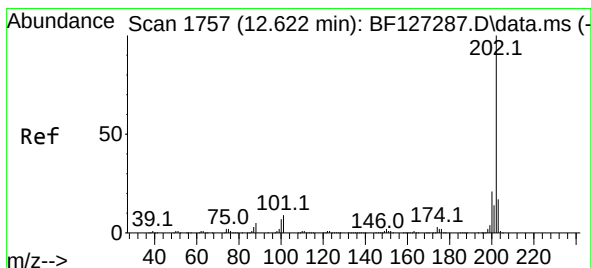
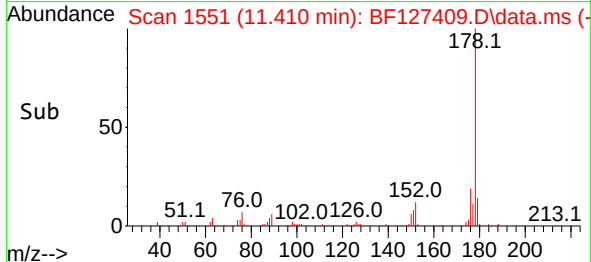
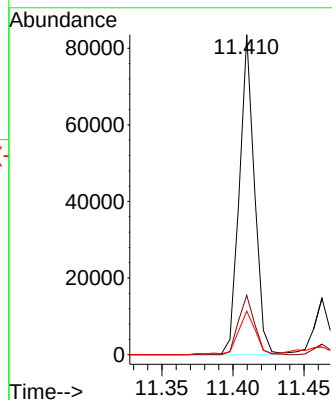
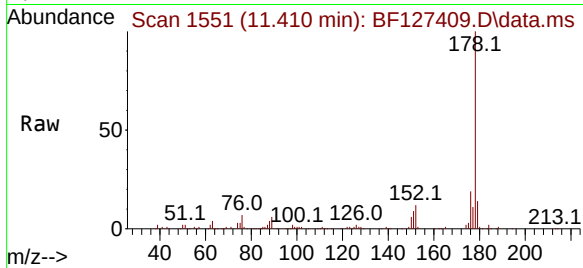




#71
Phenanthrene
Concen: 6.890 ng
RT: 11.410 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

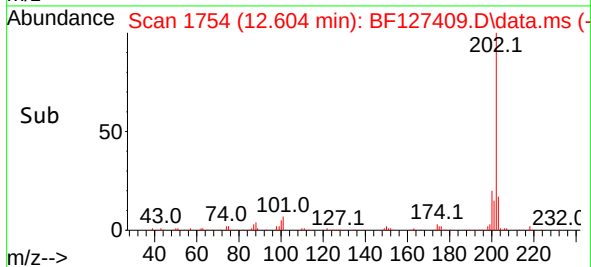
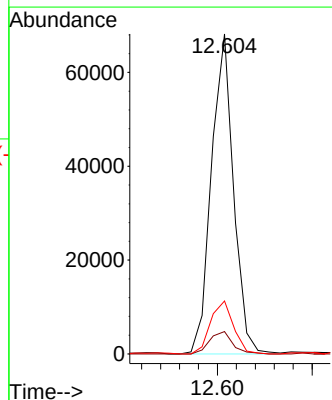
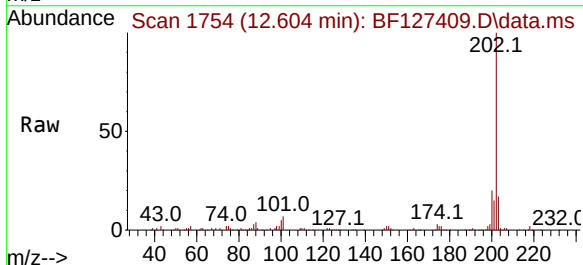
Instrument :
BNA_F
ClientSampleId :
124042

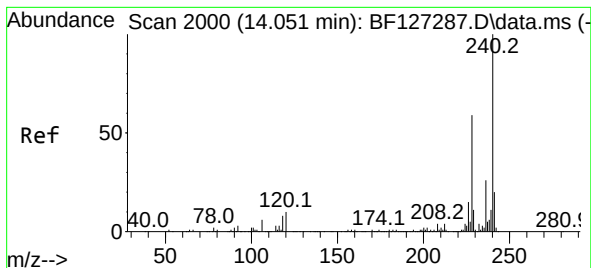
Tgt Ion:178 Resp: 62056
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 13.6 12.3 18.5



#75
Fluoranthene
Concen: 5.500 ng
RT: 12.604 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:202 Resp: 55387
Ion Ratio Lower Upper
202 100
101 7.0 0.0 35.7
203 16.6 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 1817

Delta R.T. -0.012 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

124042

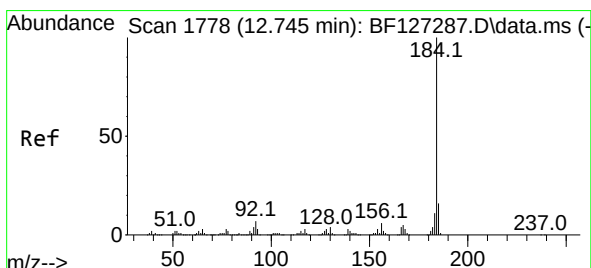
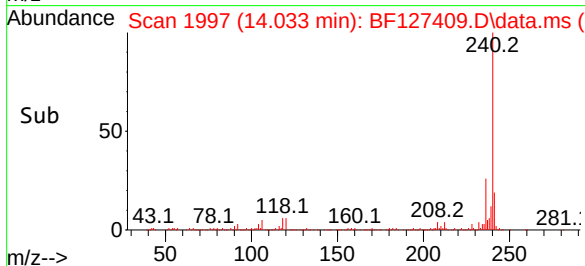
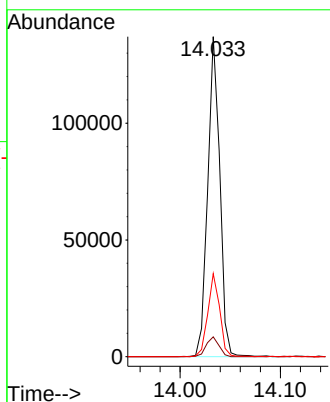
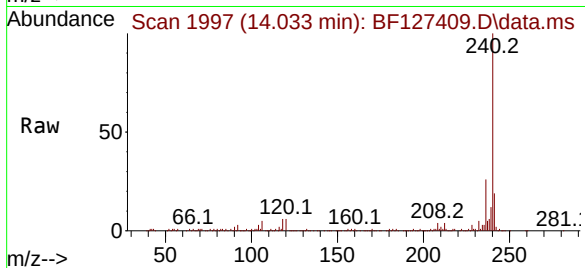
Tgt Ion:240 Resp: 115259

Ion Ratio Lower Upper

240 100

120 6.2 14.4 21.6#

236 26.0 20.5 30.7



#77

Benzidine

Concen: 2.587 ng

RT: 12.974 min Scan# 1817

Delta R.T. 0.241 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

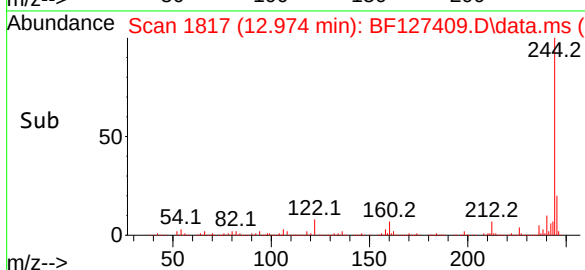
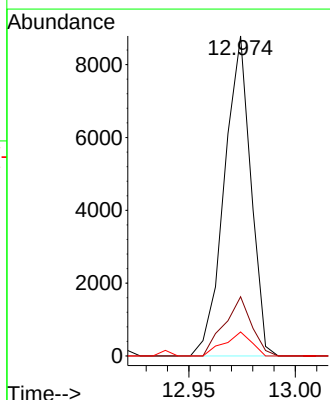
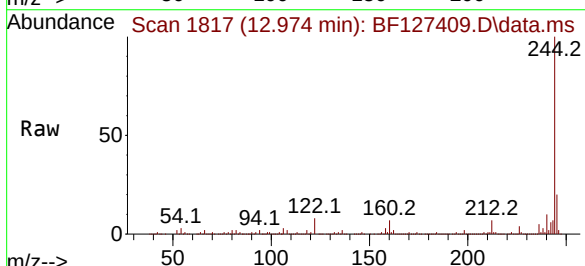
Tgt Ion:184 Resp: 7582

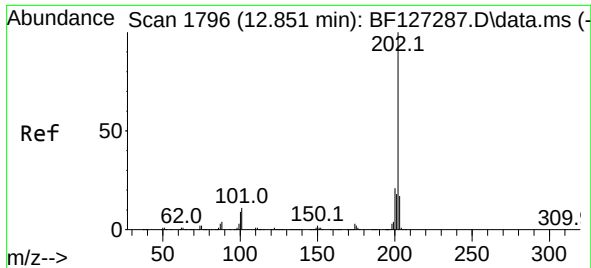
Ion Ratio Lower Upper

184 100

185 18.5 11.8 17.8#

183 7.5 8.2 12.2#

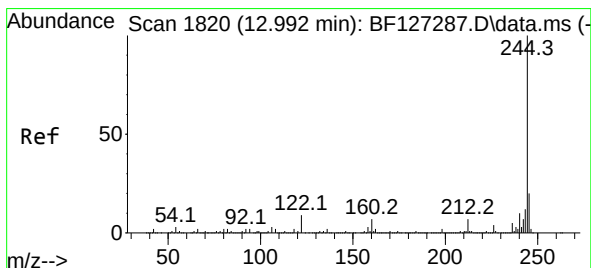
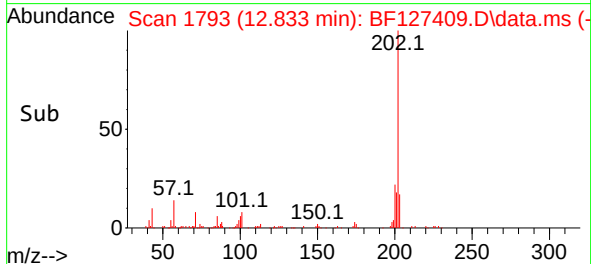
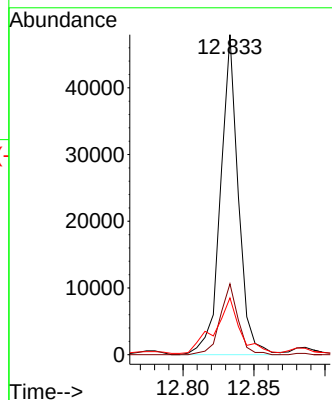
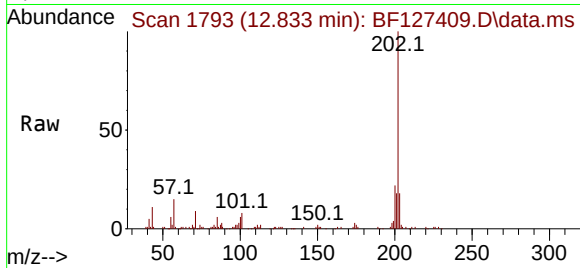




#78
 Pyrene
 Concen: 4.661 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127409.D
 Acq: 18 Mar 2022 23:44

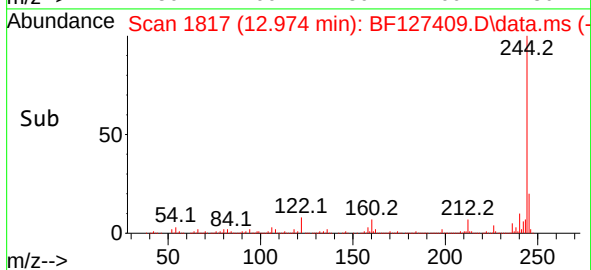
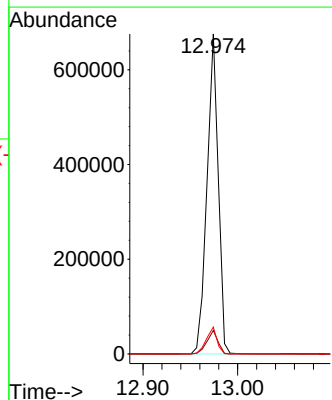
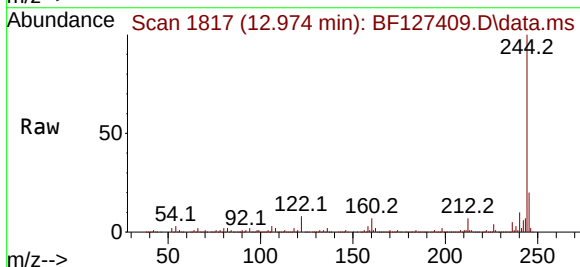
Instrument :
 BNA_F
 ClientSampleId :
 124042

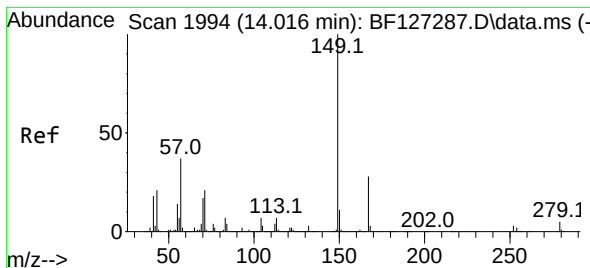
Tgt Ion:	202	Resp:	41840
Ion Ratio	Lower	Upper	
202	100		
200	22.2	16.6	24.8
203	17.7	13.8	20.8



#79
 Terphenyl-d14
 Concen: 82.948 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF127409.D
 Acq: 18 Mar 2022 23:44

Tgt Ion:	244	Resp:	555212
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.0	7.4
122	8.4	13.3	19.9

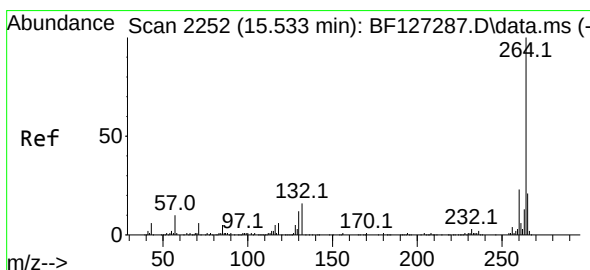
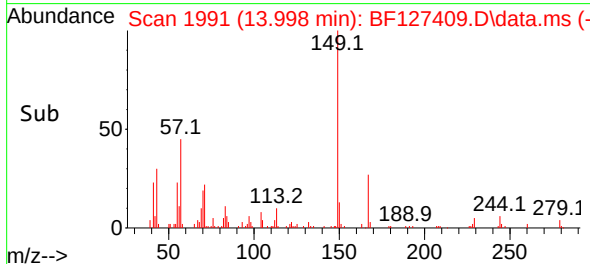
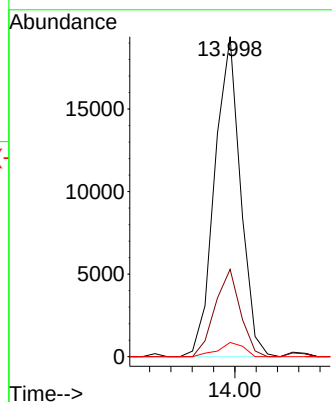
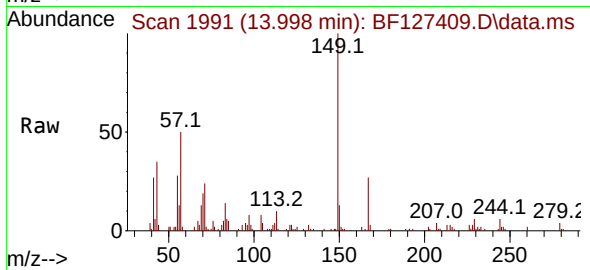




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.503 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Instrument :
BNA_F
ClientSampleId :
124042

Tgt Ion:149 Resp: 16291
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.4 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2250
Delta R.T. -0.000 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:264 Resp: 113123
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 20.4 17.4 26.2

