

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128766.D
 Acq On : 10 Jun 2022 18:46
 Operator : CG\JU
 Sample : N3281-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 129

Quant Time: Jun 11 01:27:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

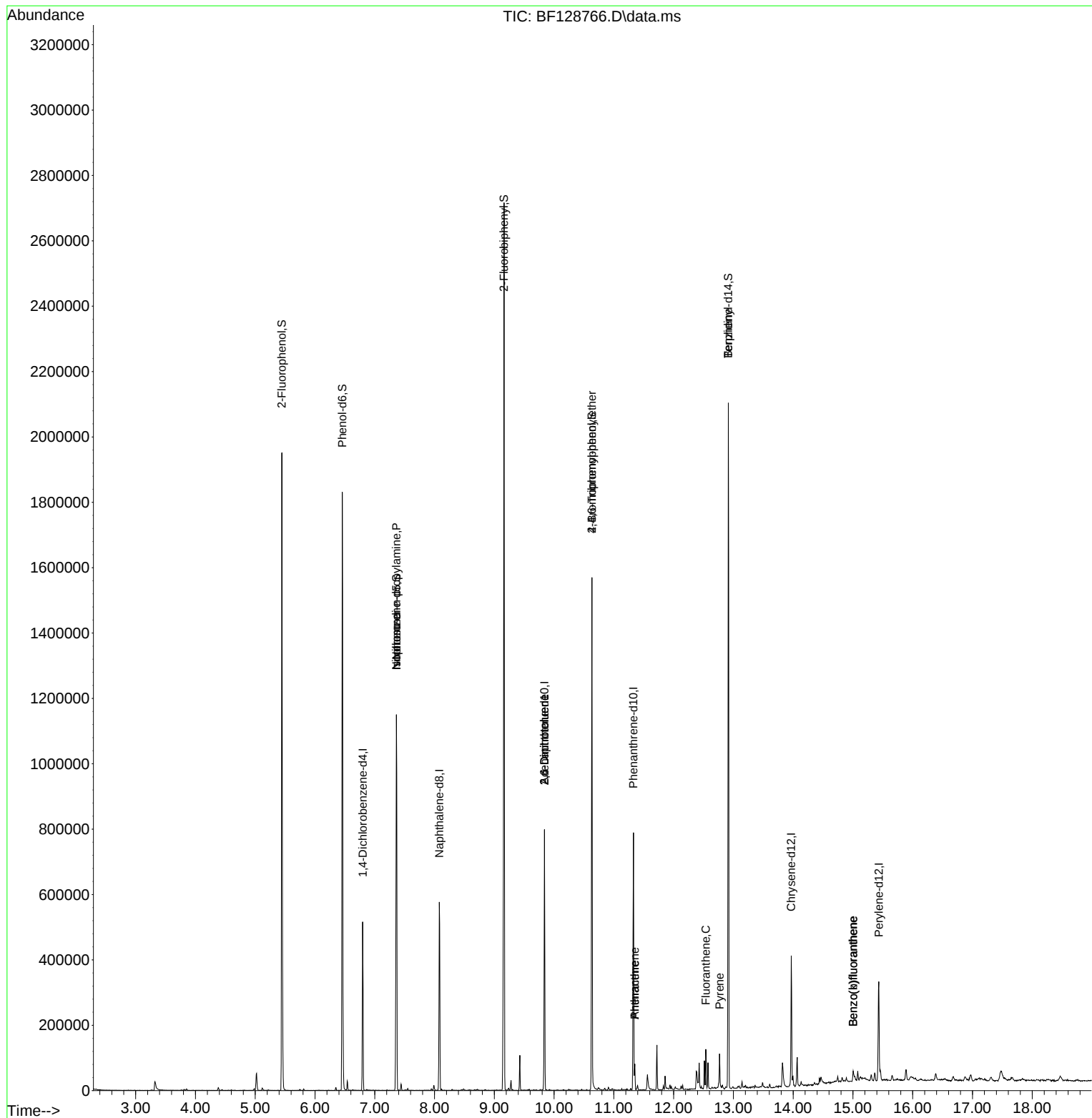
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	64669	20.000	ng	-0.01
21) Naphthalene-d8	8.081	136	251619	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	146601	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	255244	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	124726	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	137686	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	425763	104.868	ng	-0.01
7) Phenol-d6	6.457	99	547178	110.409	ng	-0.02
23) Nitrobenzene-d5	7.363	82	388959	71.971	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	167934	96.950	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	771791	73.746	ng	-0.01
79) Terphenyl-d14	12.916	244	698012	97.244	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	54623	17.727	ng	# 79
25) Isophorone	7.363	82	388950	47.387	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	18560	9.371	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	18560	7.022	ng	# 21
67) 4-Bromophenyl-phenylether	10.633	248	10824	3.803	ng	# 1
71) Phenanthrene	11.351	178	26553	2.074	ng	96
72) Anthracene	11.351	178	26553	2.095	ng	97
75) Fluoranthene	12.539	202	44320	3.312	ng	96
77) Benzidine	12.916	184	9856	3.964	ng	# 94
78) Pyrene	12.769	202	39536	4.261	ng	99
88) Benzo(b)fluoranthene	15.004	252	21100	2.398	ng	# 98
89) Benzo(k)fluoranthene	15.004	252	21100	2.549	ng	# 97

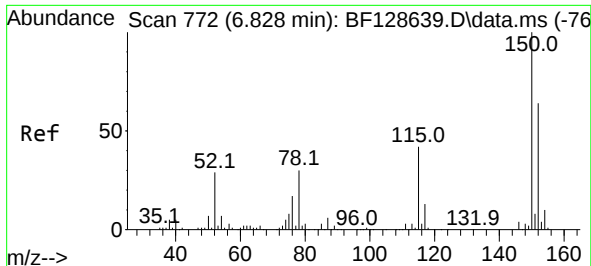
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128766.D
Acq On : 10 Jun 2022 18:46
Operator : CG\JU
Sample : N3281-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
129

Quant Time: Jun 11 01:27:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration

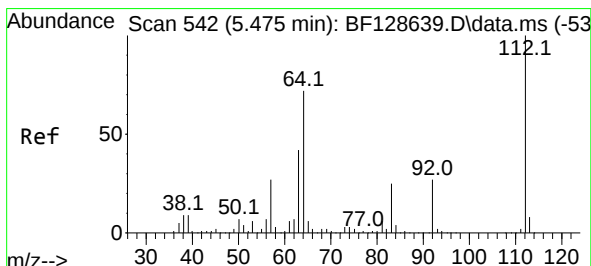
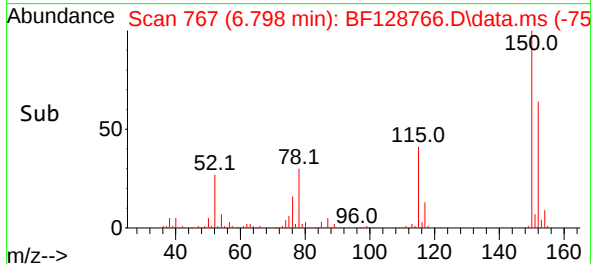
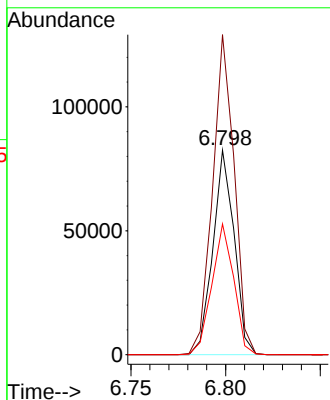
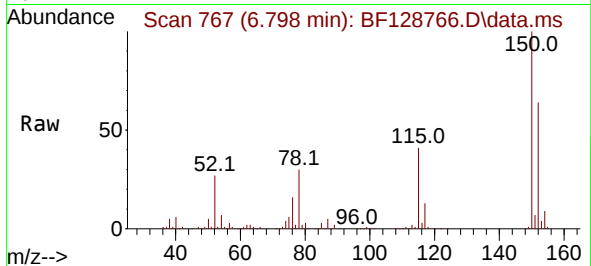




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 712
Delta R.T. -0.012 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

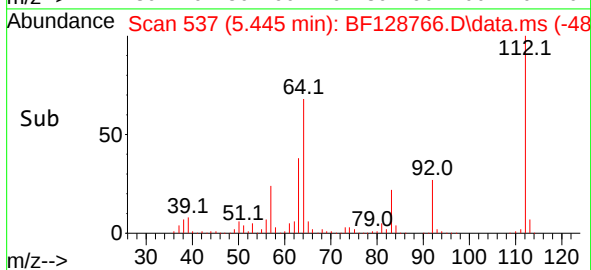
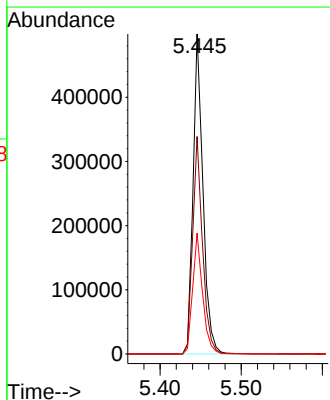
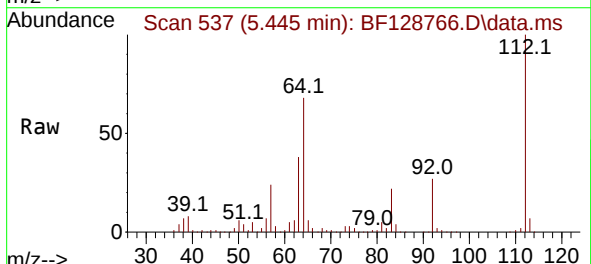
Instrument :
BNA_F
ClientSampleId :
129

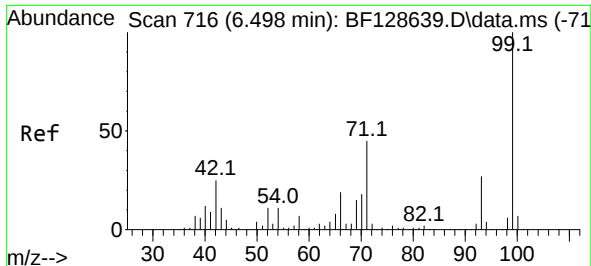
Tgt Ion:152 Resp: 64669
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 104.868 ng
RT: 5.445 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion:112 Resp: 425763
Ion Ratio Lower Upper
112 100
64 68.0 53.3 79.9
63 37.7 28.0 42.0

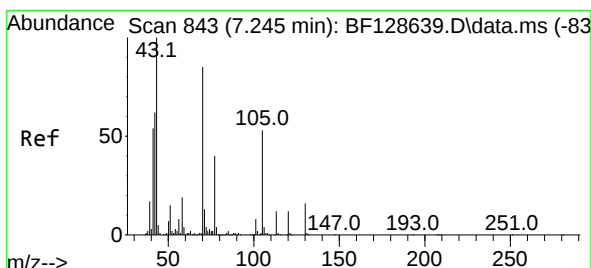
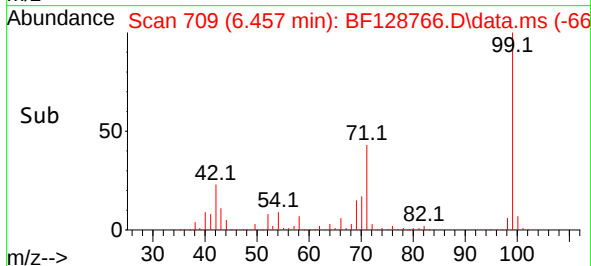
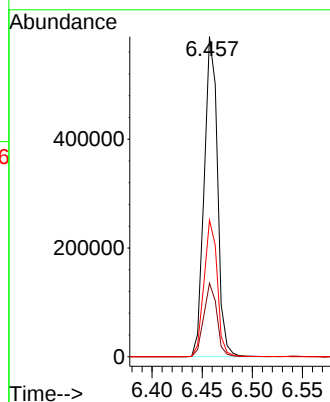
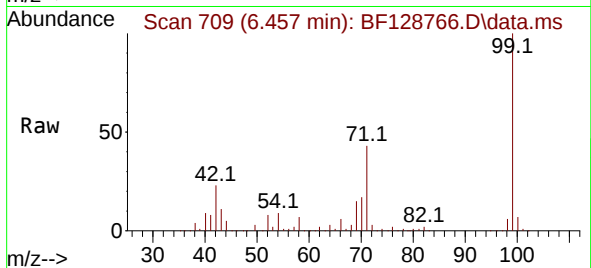




#7
Phenol-d6
Concen: 110.409 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.024 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

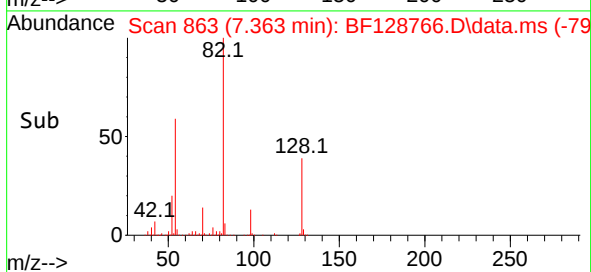
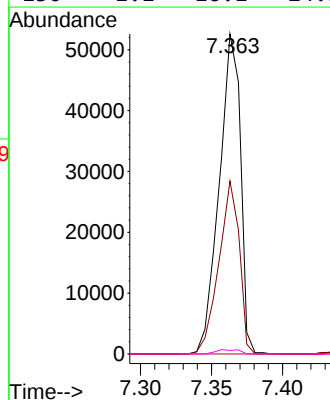
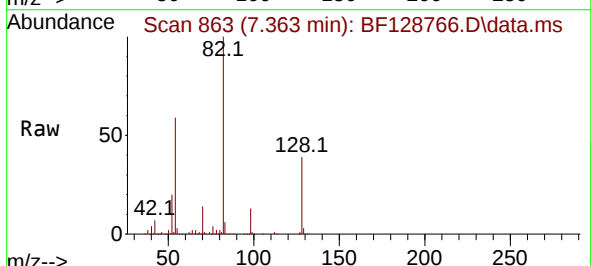
Instrument :
BNA_F
ClientSampleId :
129

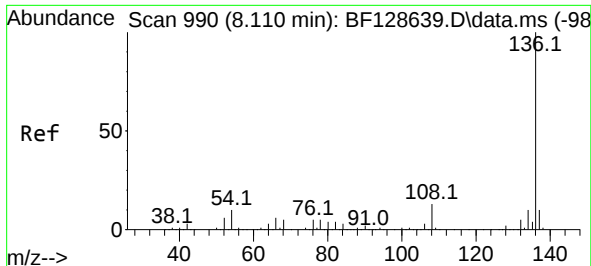
Tgt Ion: 99 Resp: 547178
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 42.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.727 ng
RT: 7.363 min Scan# 863
Delta R.T. 0.129 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion: 70 Resp: 54623
Ion Ratio Lower Upper
70 100
42 54.0 52.3 78.5
101 0.0 7.5 11.3#
130 1.1 16.1 24.1#

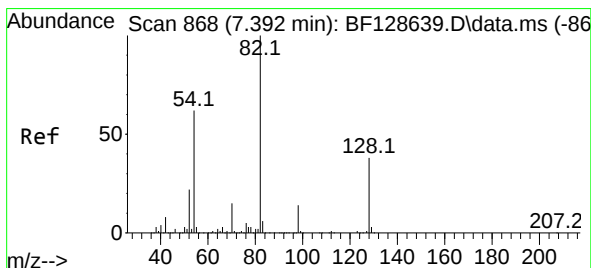
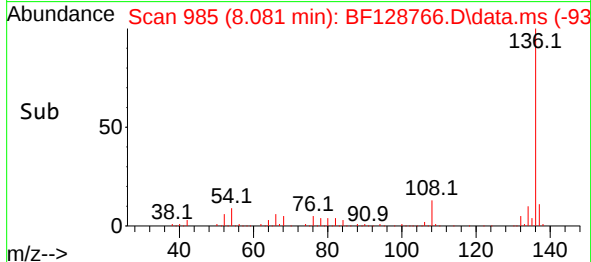
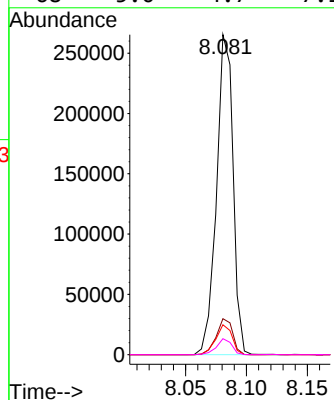
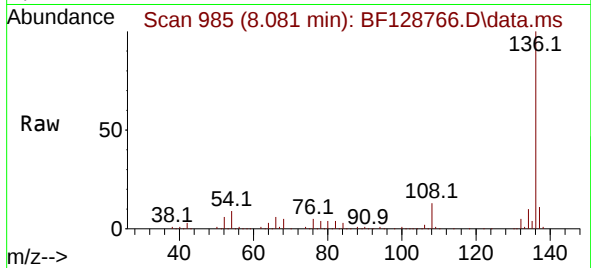




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

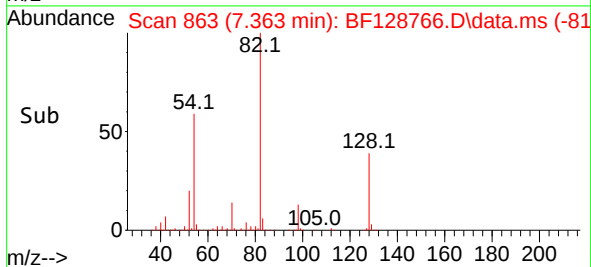
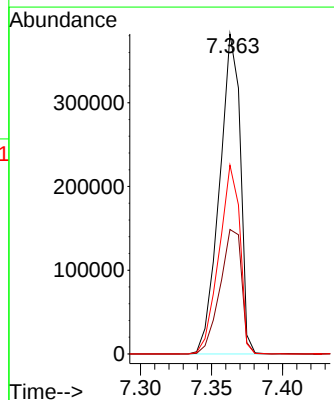
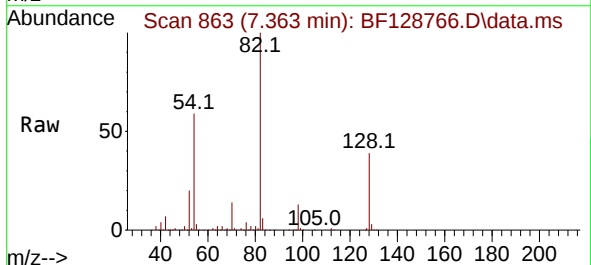
Instrument :
BNA_F
ClientSampleId :
129

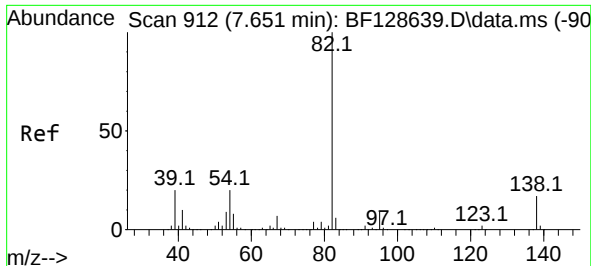
Tgt	Ion:136	Resp:	251619
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.4	7.5	11.3
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.971 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.018 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion: 82	Resp: 388959
Ion Ratio	Lower Upper
82 100	
128 38.9	34.0 51.0
54 59.0	46.9 70.3

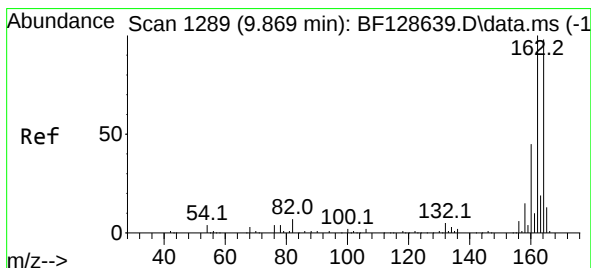
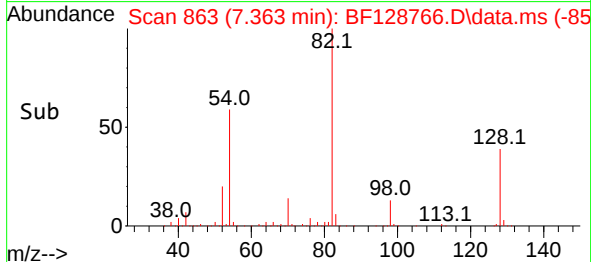
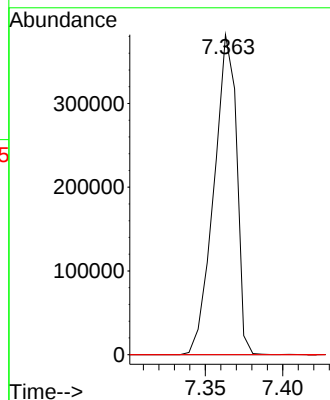
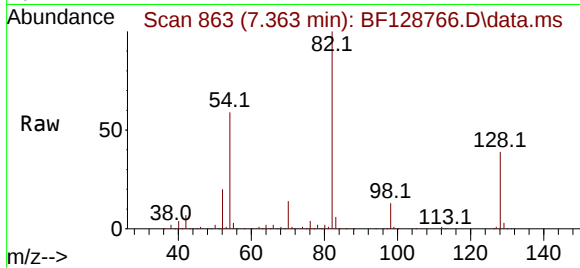




#25
Isophorone
Concen: 47.387 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

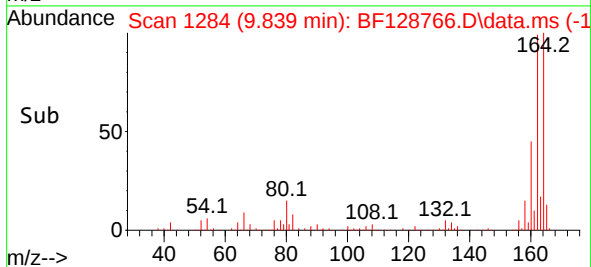
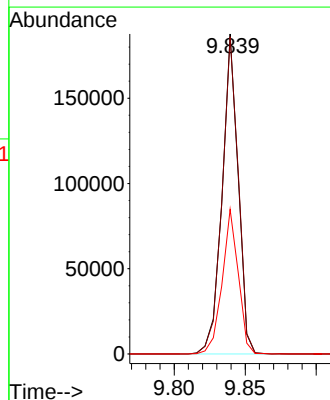
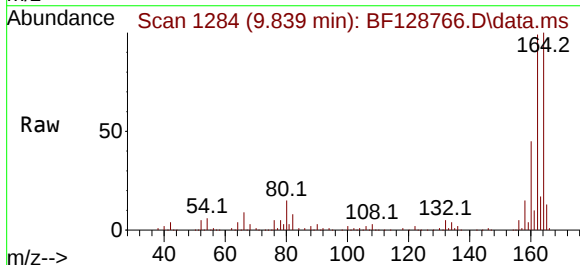
Instrument :
BNA_F
ClientSampleId :
129

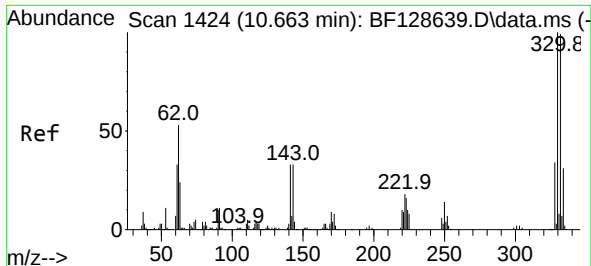
Tgt Ion: 82 Resp: 388950
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion:164 Resp: 146601
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 96.950 ng

RT: 10.633 min Scan# 1169

Delta R.T. -0.018 min

Lab File: BF128766.D

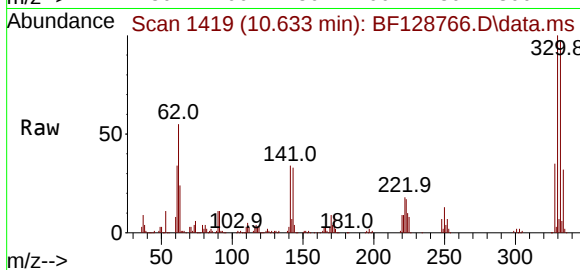
Acq: 10 Jun 2022 18:46

Instrument :

BNA_F

ClientSampleId :

129



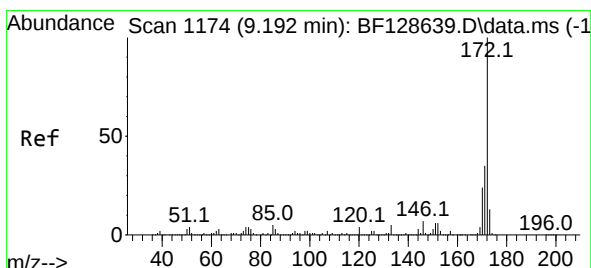
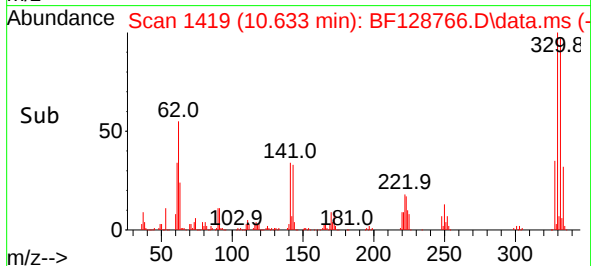
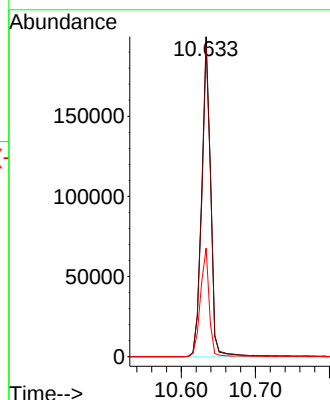
Tgt Ion:330 Resp: 167934

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

141 33.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.746 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128766.D

Acq: 10 Jun 2022 18:46

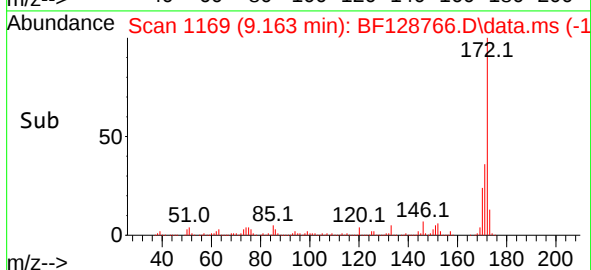
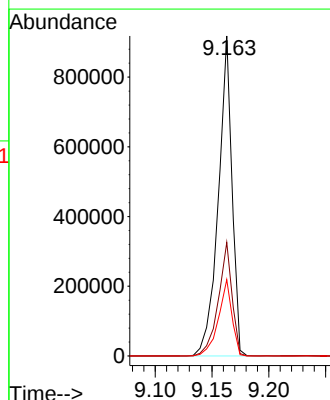
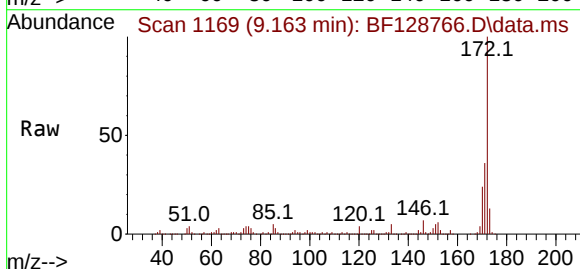
Tgt Ion:172 Resp: 771791

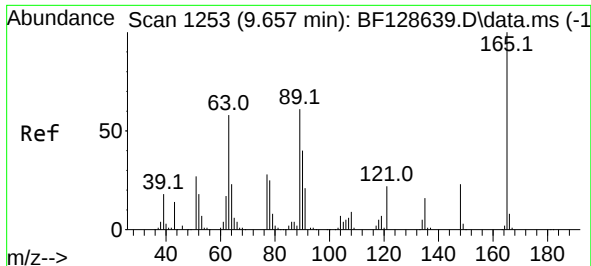
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.9 19.8 29.8

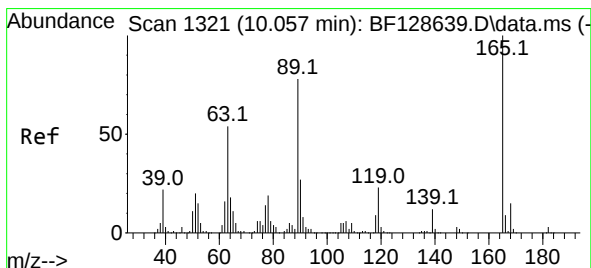
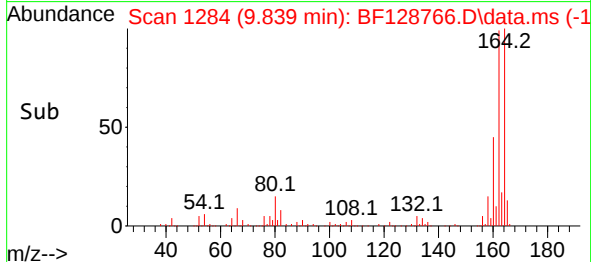
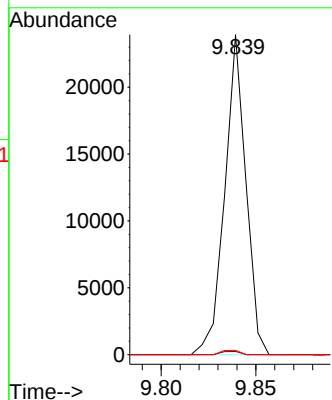
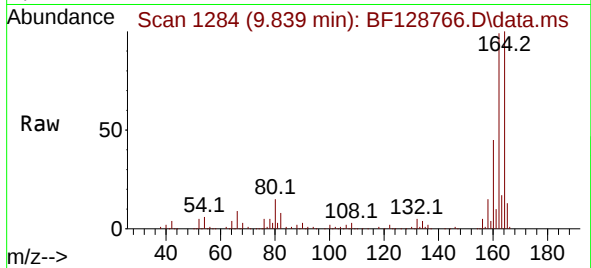




#51
2,6-Dinitrotoluene
Concen: 9.371 ng
RT: 9.839 min Scan# 1284
Delta R.T. 0.194 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

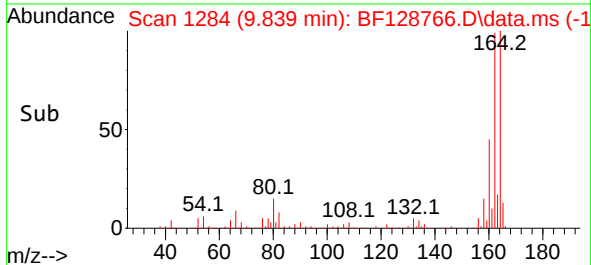
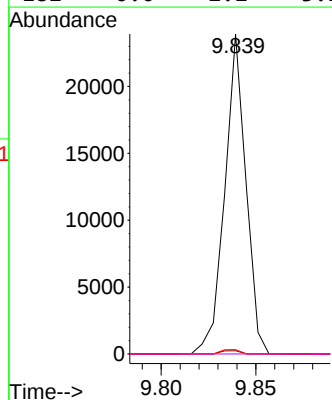
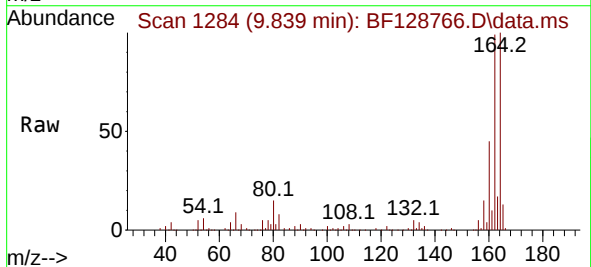
Instrument :
BNA_F
ClientSampleId :
129

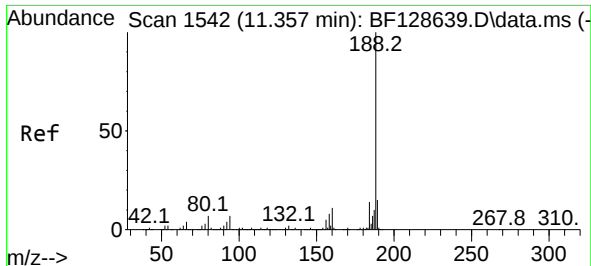
Tgt Ion:165 Resp: 18560
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.022 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.206 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion:165 Resp: 18560
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

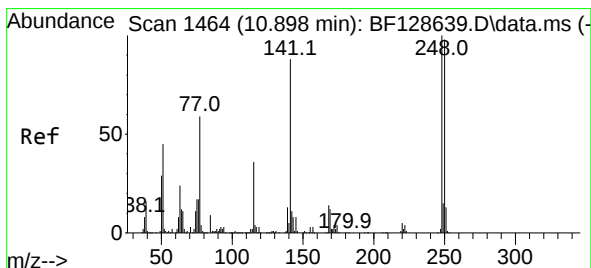
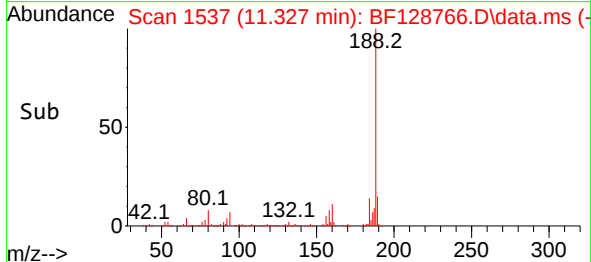
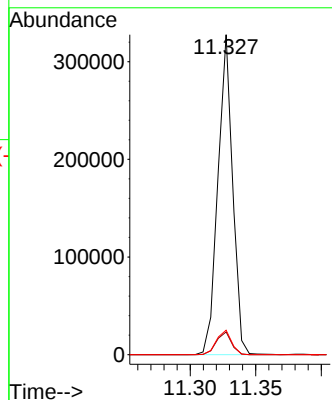
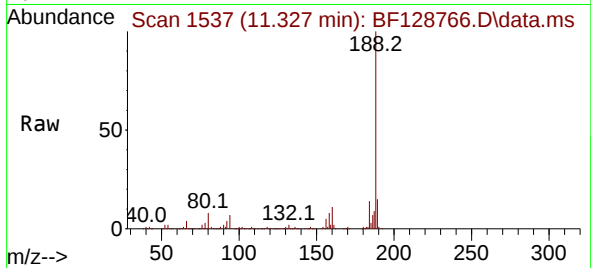




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

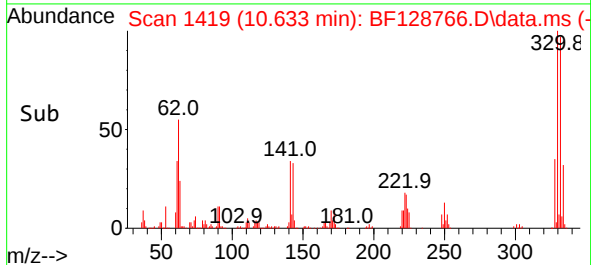
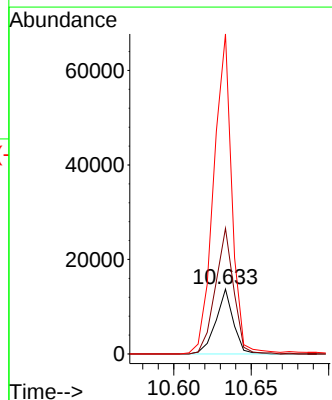
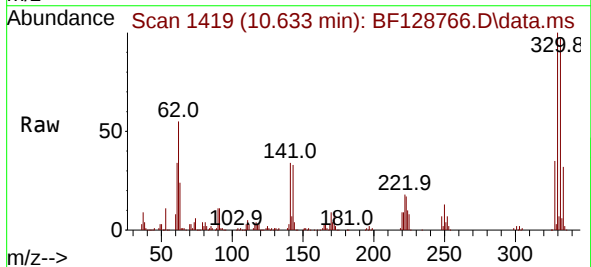
Instrument :
BNA_F
ClientSampleId :
129

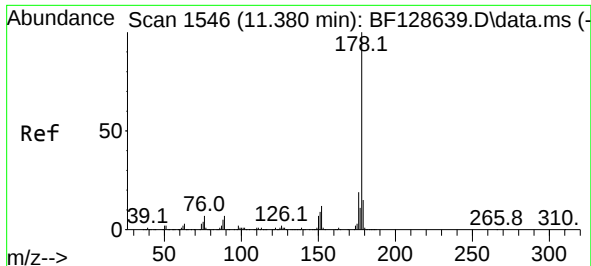
Tgt Ion:188 Resp: 255244
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.803 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.253 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion:248 Resp: 10824
Ion Ratio Lower Upper
248 100
250 193.8 80.6 120.8#
141 493.5 58.9 88.3#

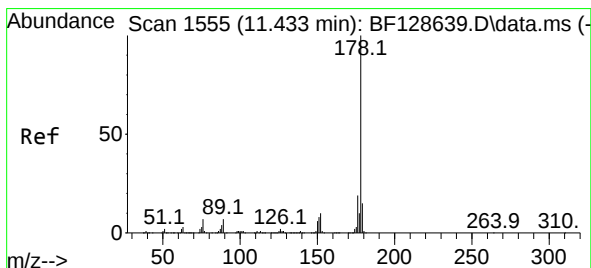
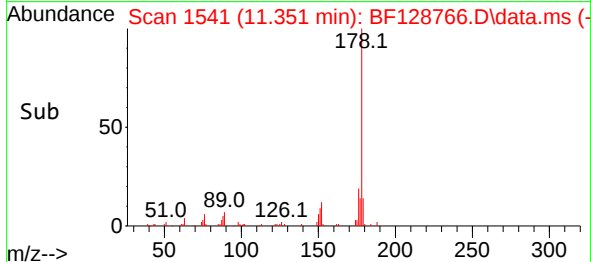
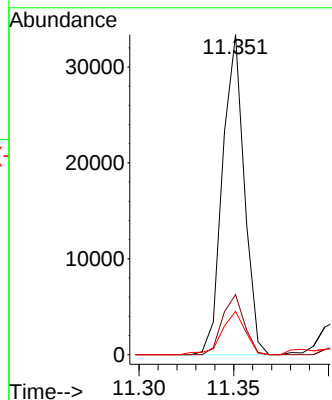
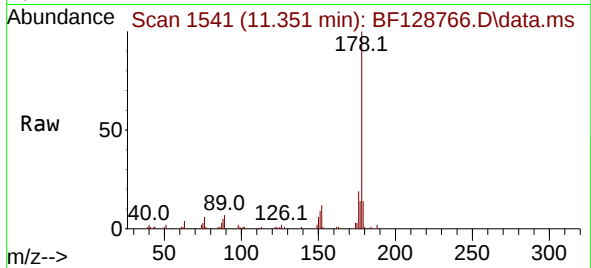




#71
Phenanthrene
Concen: 2.074 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

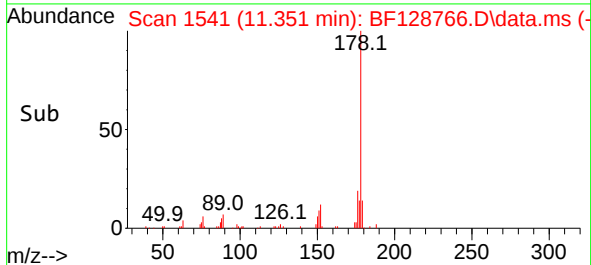
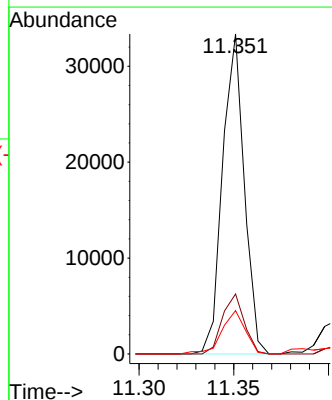
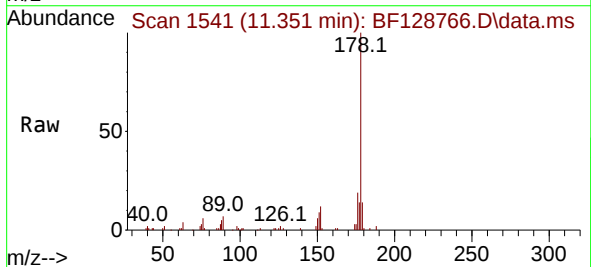
Instrument :
BNA_F
ClientSampleId :
129

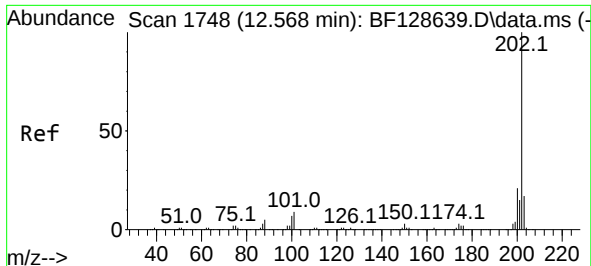
Tgt Ion:178 Resp: 26553
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 13.6 12.6 19.0



#72
Anthracene
Concen: 2.095 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.071 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion:178 Resp: 26553
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 13.6 12.6 19.0

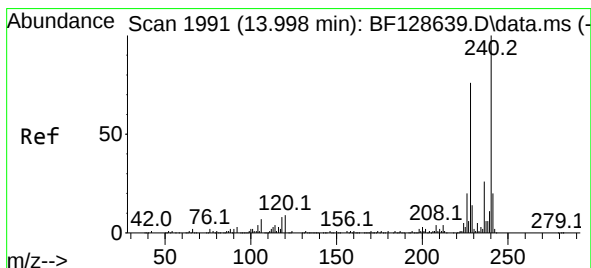
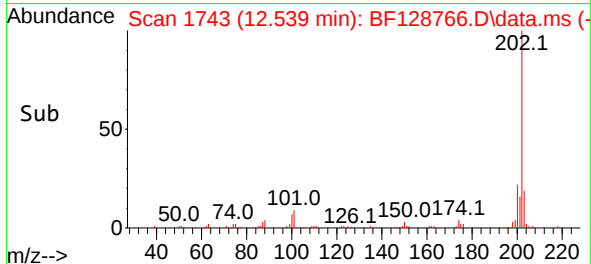
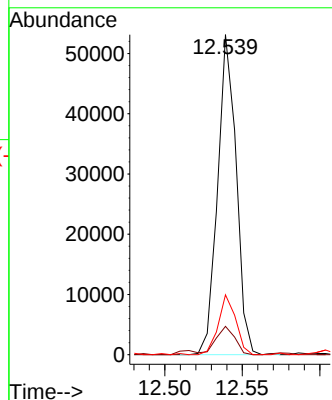
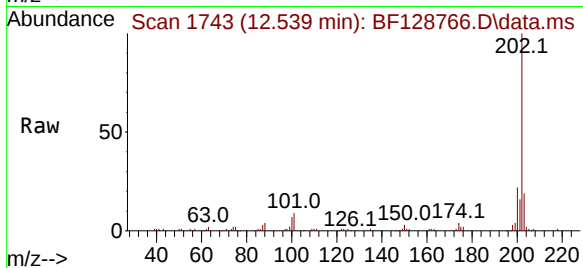




#75
Fluoranthene
Concen: 3.312 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

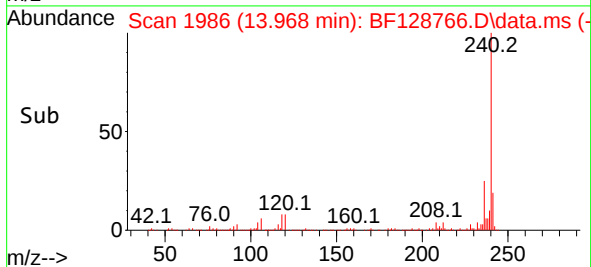
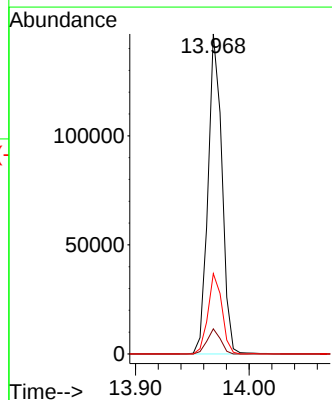
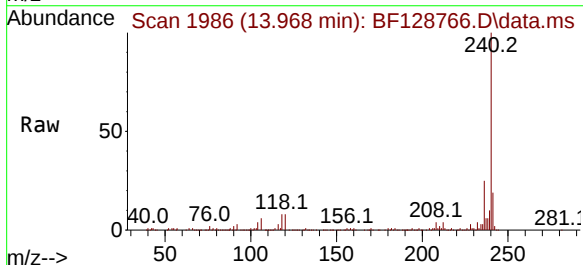
Instrument :
BNA_F
ClientSampleId :
129

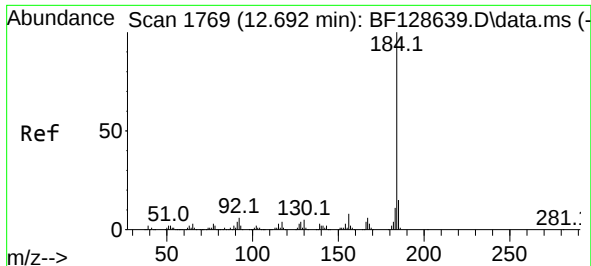
Tgt Ion:202 Resp: 44320
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.4
203 18.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.018 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion:240 Resp: 124726
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 25.1 20.8 31.2

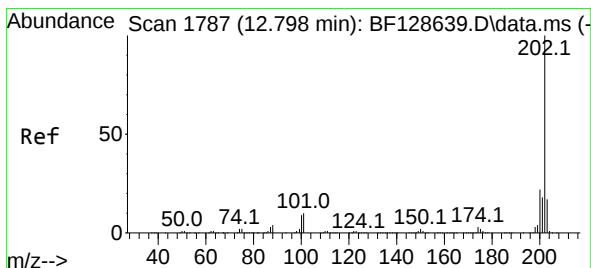
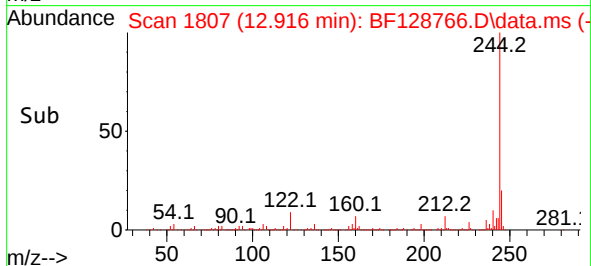
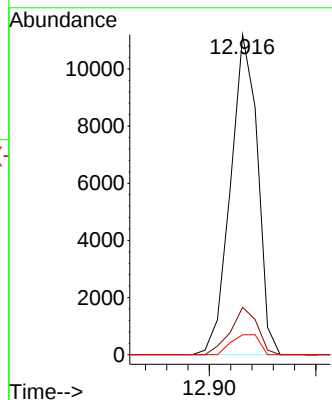
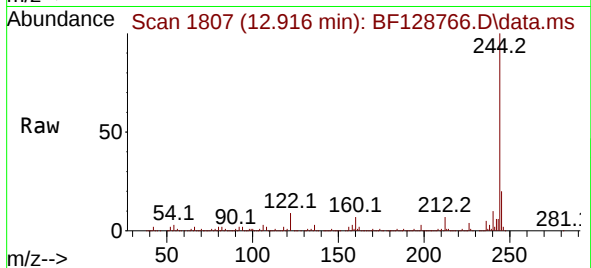




#77
Benzidine
Concen: 3.964 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.235 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

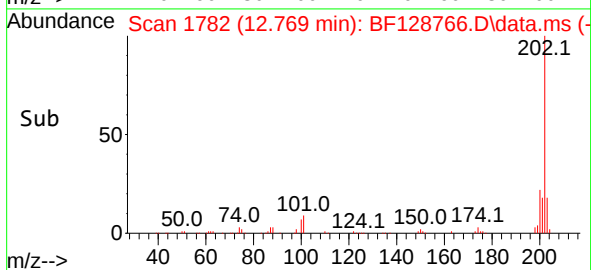
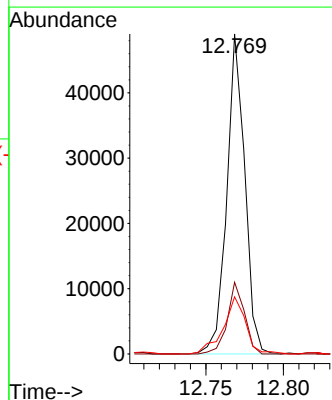
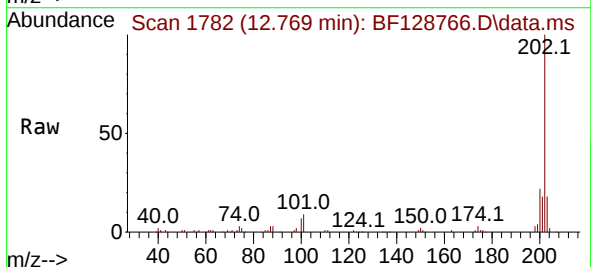
Instrument :
BNA_F
ClientSampleId :
129

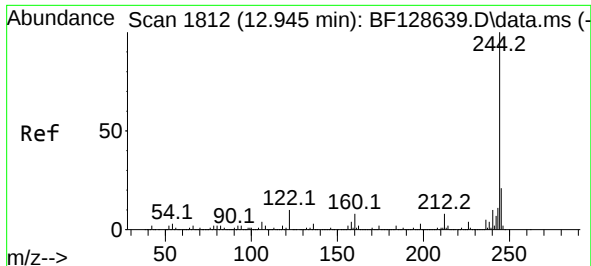
Tgt Ion:184 Resp: 9856
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 6.2 9.3 13.9#



#78
Pyrene
Concen: 4.261 ng
RT: 12.769 min Scan# 1782
Delta R.T. -0.018 min
Lab File: BF128766.D
Acq: 10 Jun 2022 18:46

Tgt Ion:202 Resp: 39536
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 17.9 14.6 21.8

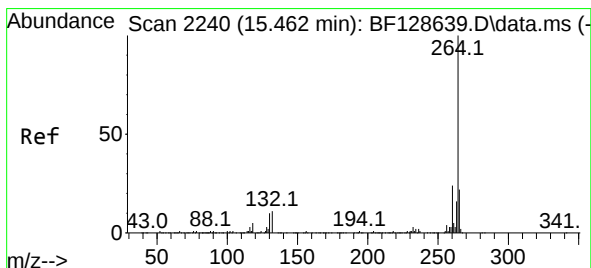
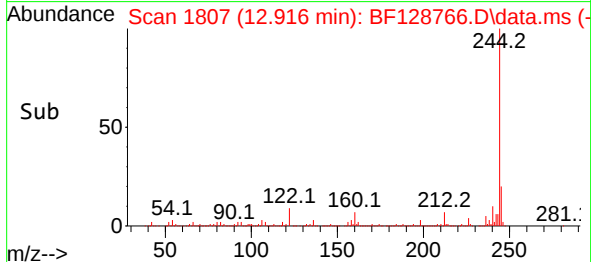
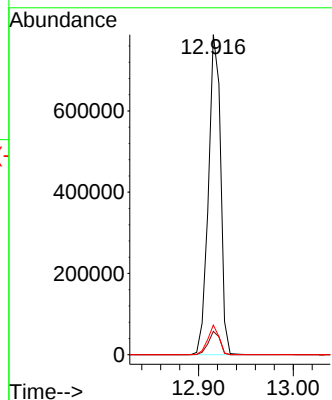
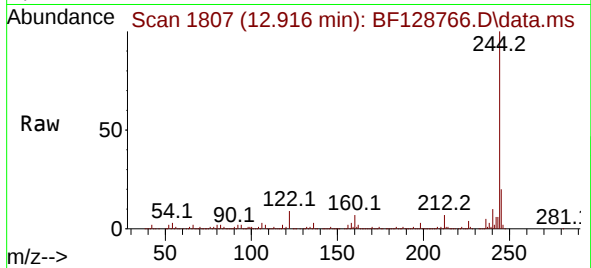




#79
 Terphenyl-d14
 Concen: 97.244 ng
 RT: 12.916 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF128766.D
 Acq: 10 Jun 2022 18:46

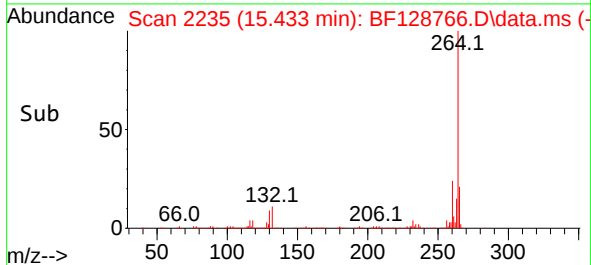
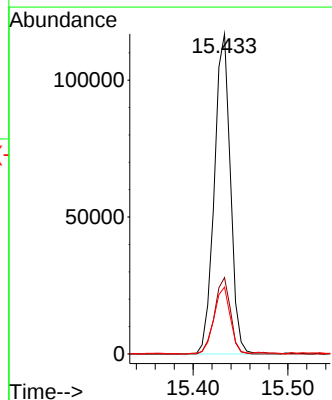
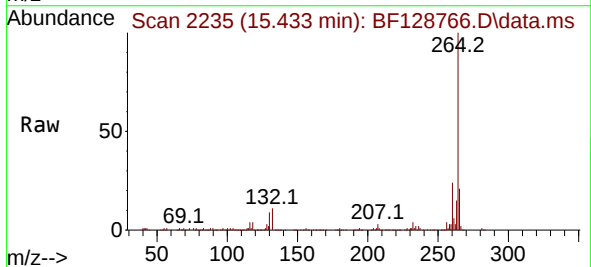
Instrument :
 BNA_F
 ClientSampleId :
 129

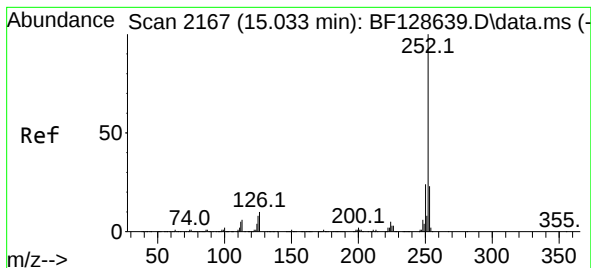
Tgt Ion:244 Resp: 698012
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. -0.012 min
 Lab File: BF128766.D
 Acq: 10 Jun 2022 18:46

Tgt Ion:264 Resp: 137686
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 20.9 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.398 ng

RT: 15.004 min Scan# 2162

Delta R.T. -0.018 min

Lab File: BF128766.D

Acq: 10 Jun 2022 18:46

Instrument :

BNA_F

ClientSampleId :

129

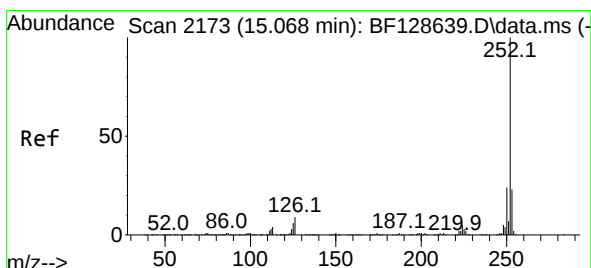
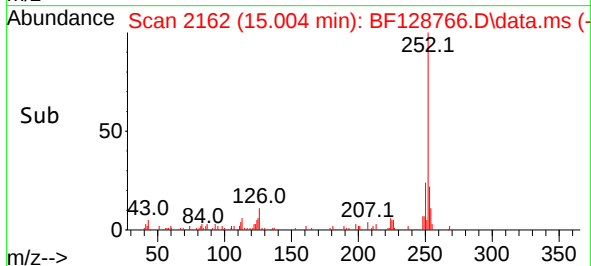
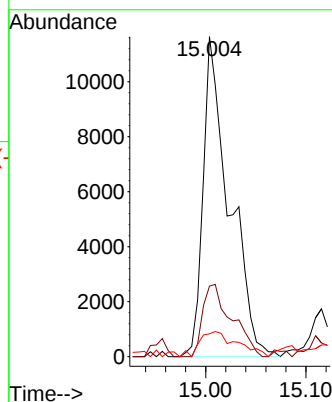
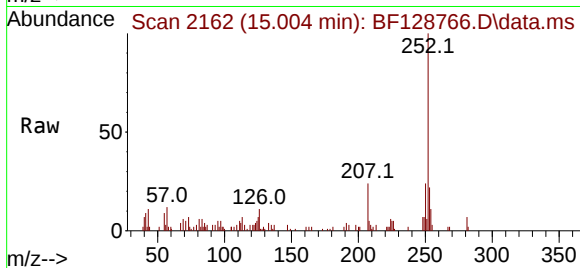
Tgt Ion:252 Resp: 21100

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.2 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 2.549 ng

RT: 15.004 min Scan# 2162

Delta R.T. -0.047 min

Lab File: BF128766.D

Acq: 10 Jun 2022 18:46

Tgt Ion:252 Resp: 21100

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.2 8.3 12.5#

