

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128771.D
 Acq On : 10 Jun 2022 21:14
 Operator : CG\JU
 Sample : N3302-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-2

Quant Time: Jun 11 01:28:22 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)

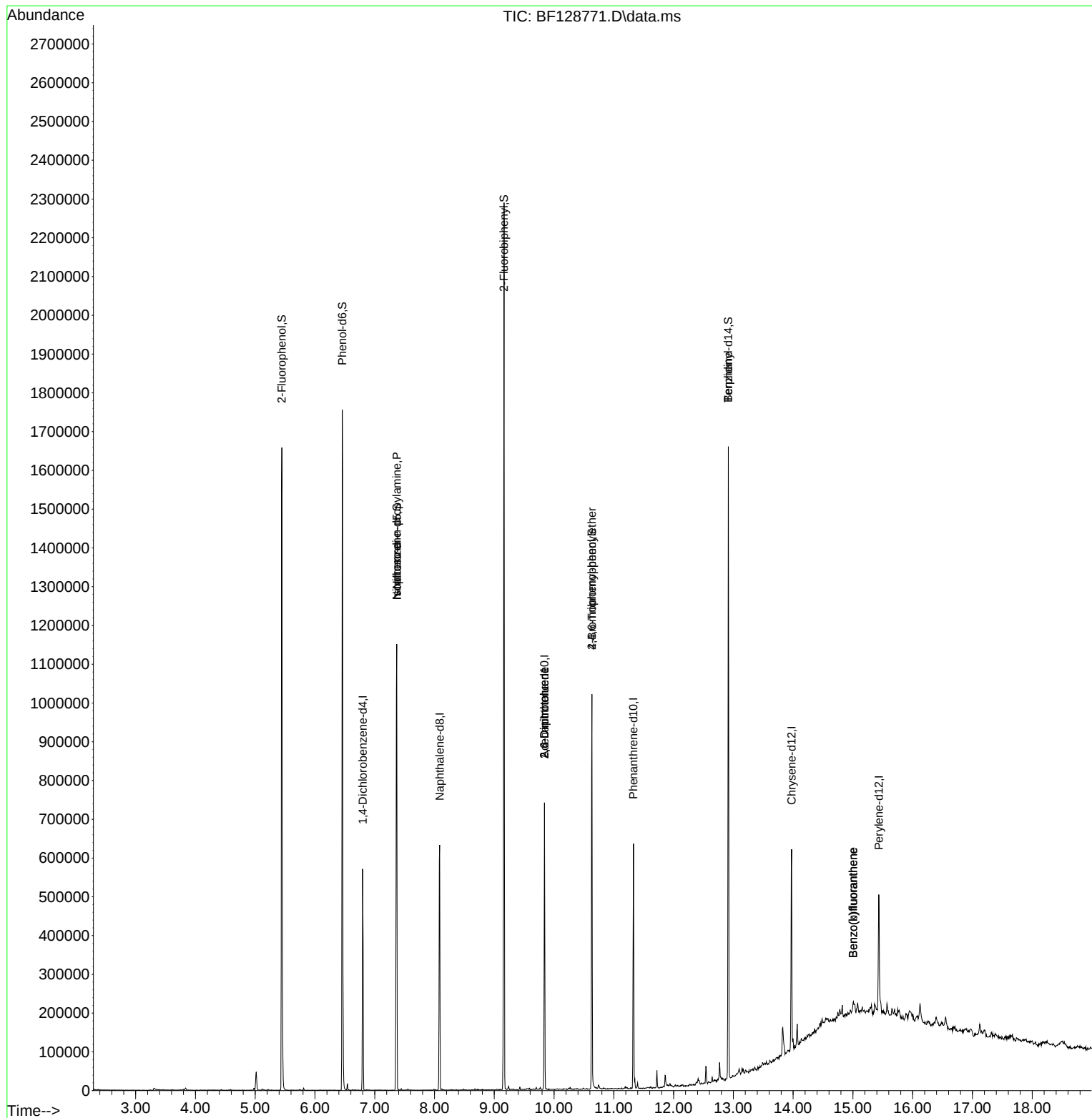
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	72471	20.000	ng	-0.01
21) Naphthalene-d8	8.087	136	264744	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	130686	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	200217	20.000	ng	#-0.01
76) Chrysene-d12	13.974	240	176596	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	135241	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	418288	91.935	ng	-0.01
7) Phenol-d6	6.457	99	517143	93.114	ng	-0.02
23) Nitrobenzene-d5	7.369	82	365169	64.220	ng	-0.01
42) 2,4,6-Tribromophenol	10.634	330	114173	73.940	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	623214	66.801	ng	-0.01
79) Terphenyl-d14	12.916	244	503193	49.512	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	52242	15.129	ng	# 72
25) Isophorone	7.369	82	364968	42.260	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	16262	9.211	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	16262	6.902	ng	# 21
67) 4-Bromophenyl-phenylether	10.634	248	7324	3.280	ng	# 1
77) Benzidine	12.916	184	7547	2.144	ng	# 90
88) Benzo(b)fluoranthene	15.004	252	17699	2.048	ng	# 64
89) Benzo(k)fluoranthene	15.004	252	17699	2.177	ng	# 65

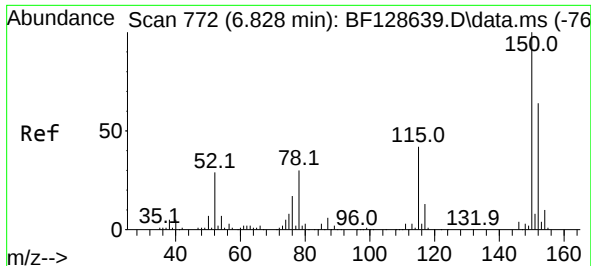
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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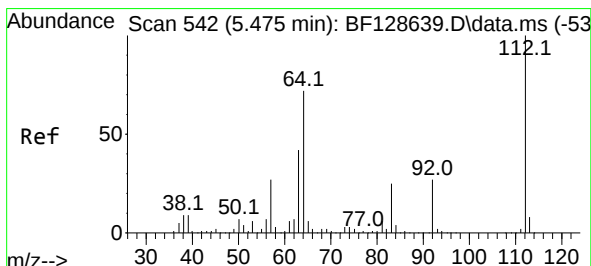
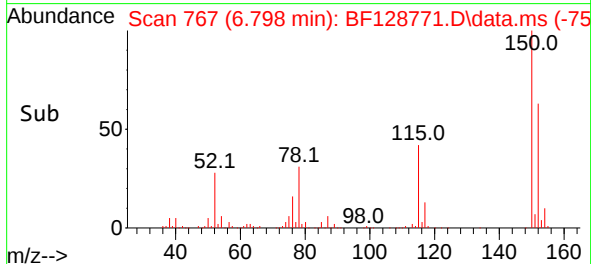
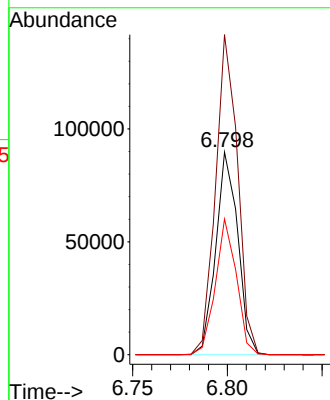
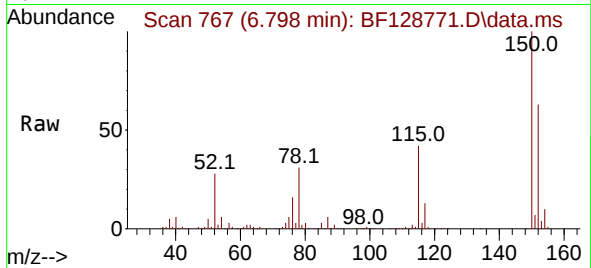




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

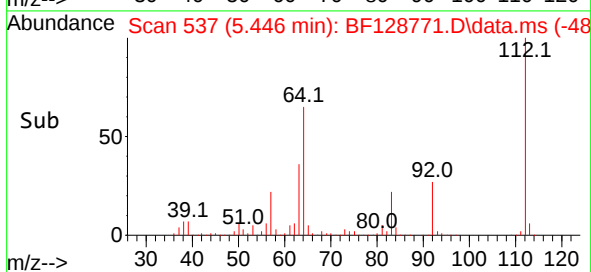
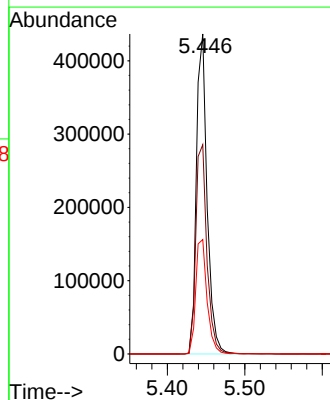
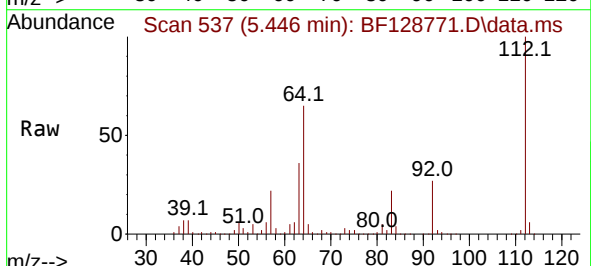
Instrument :
BNA_F
ClientSampleId :
I-2

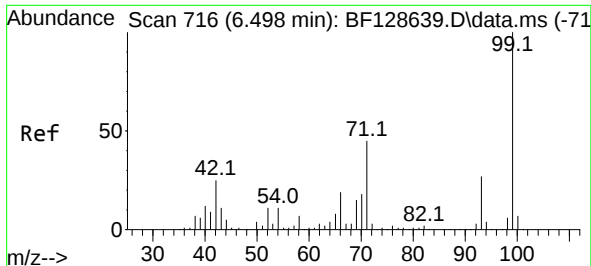
Tgt Ion:152 Resp: 72471
Ion Ratio Lower Upper
152 100
150 157.9 123.7 185.5
115 67.0 49.9 74.9



#5
2-Fluorophenol
Concen: 91.935 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

Tgt Ion:112 Resp: 418288
Ion Ratio Lower Upper
112 100
64 65.4 53.3 79.9
63 35.8 28.0 42.0

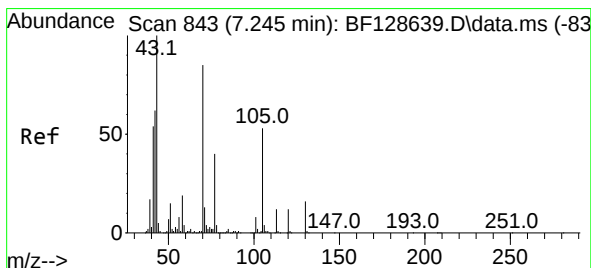
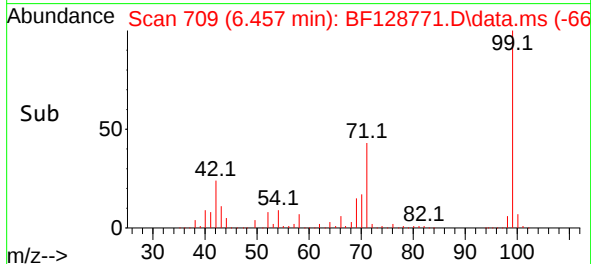
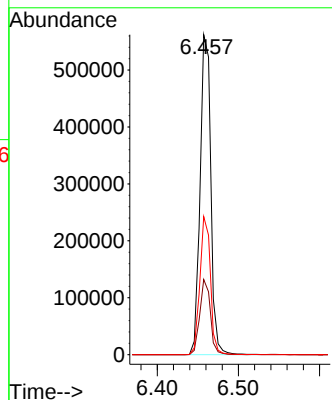
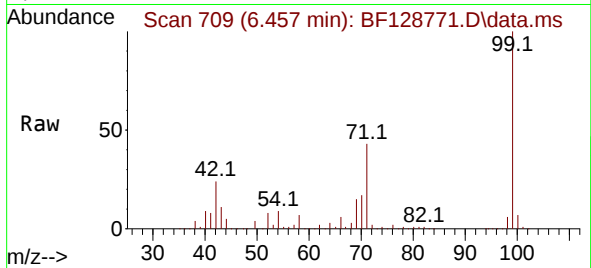




#7
Phenol-d6
Concen: 93.114 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.024 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

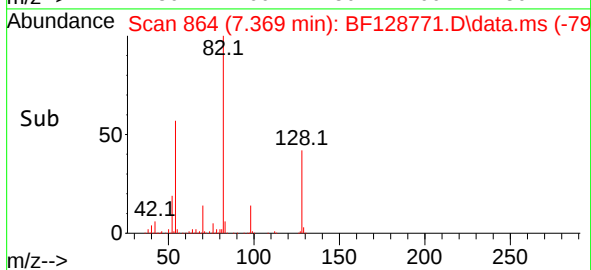
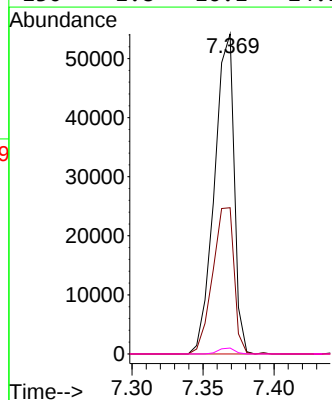
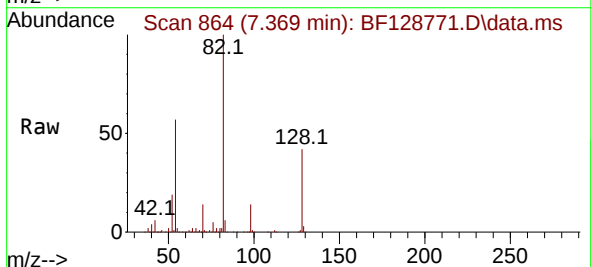
Instrument :
BNA_F
ClientSampleId :
I-2

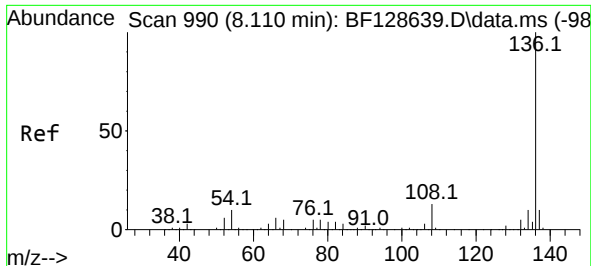
Tgt Ion: 99 Resp: 517143
Ion Ratio Lower Upper
99 100
42 23.5 17.3 25.9
71 43.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.129 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

Tgt Ion: 70 Resp: 52242
Ion Ratio Lower Upper
70 100
42 45.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

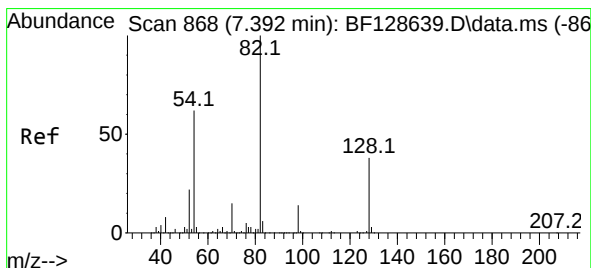
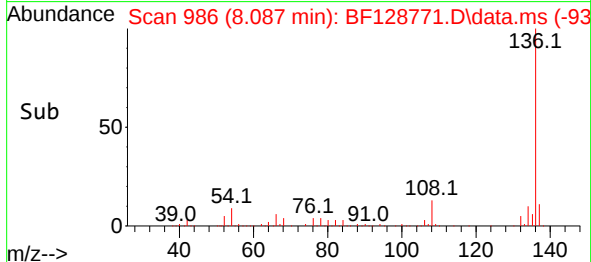
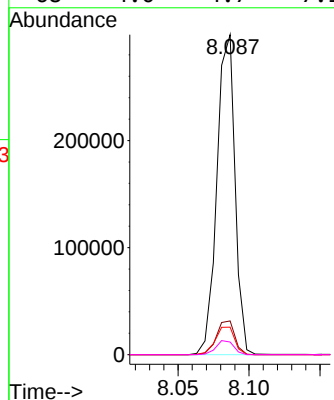
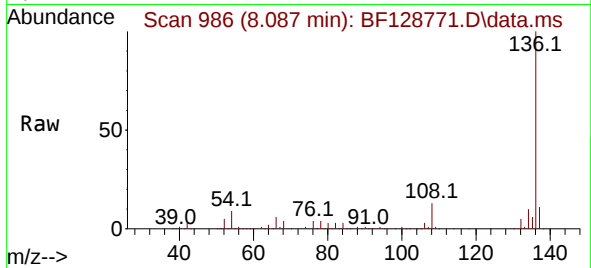




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

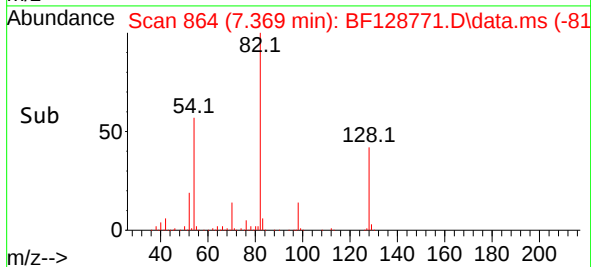
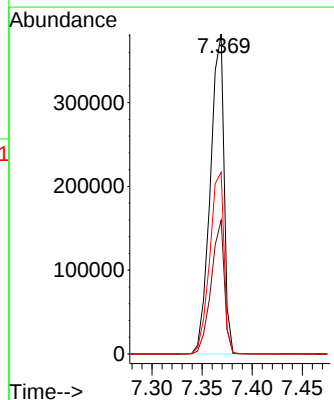
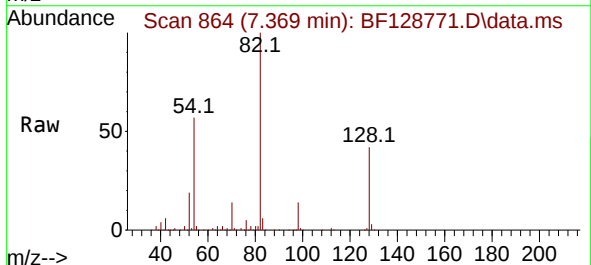
Instrument :
BNA_F
ClientSampleId :
I-2

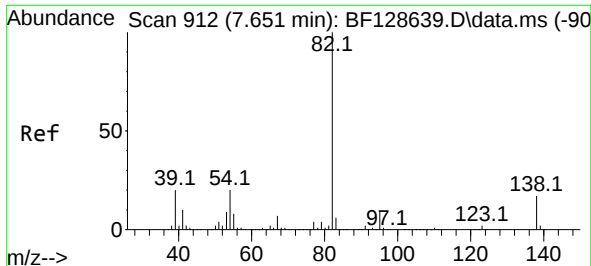
Tgt Ion:136 Resp: 264744
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.6 7.5 11.3
68 4.0 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 64.220 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

Tgt Ion: 82 Resp: 365169
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 56.7 46.9 70.3

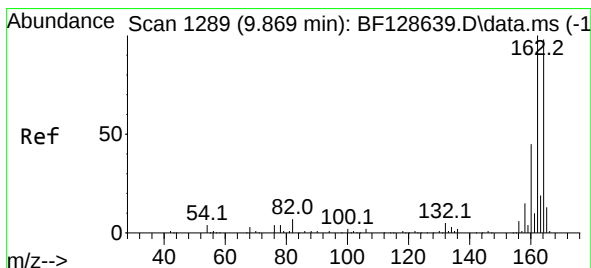
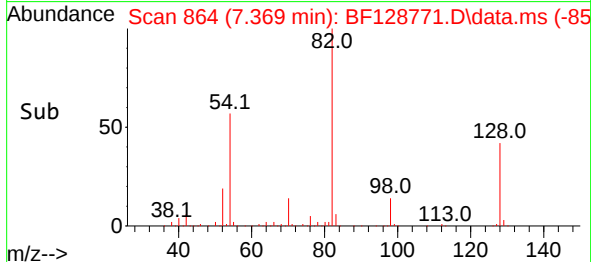
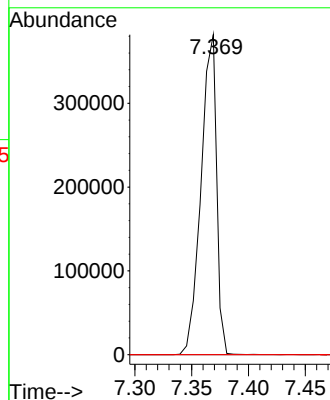
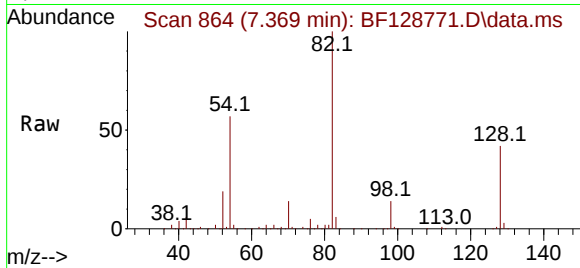




#25
Isophorone
Concen: 42.260 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

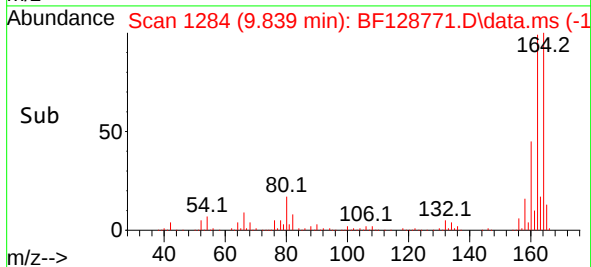
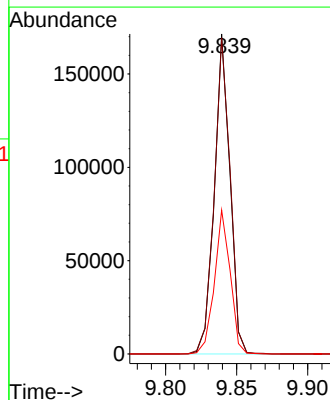
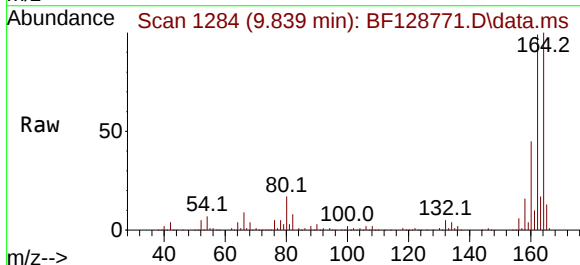
Instrument :
BNA_F
ClientSampleId :
I-2

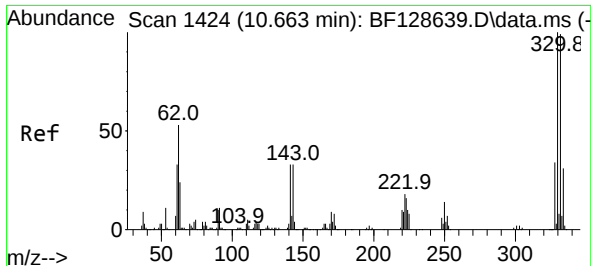
Tgt Ion: 82 Resp: 364968
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

Tgt Ion:164 Resp: 130686
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 45.0 34.2 51.4

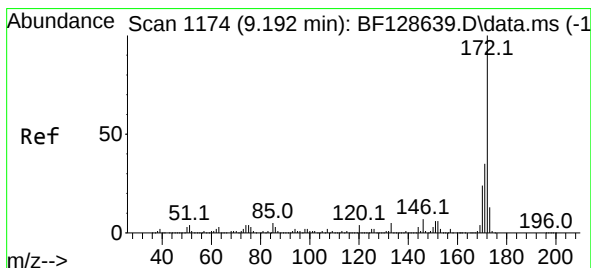
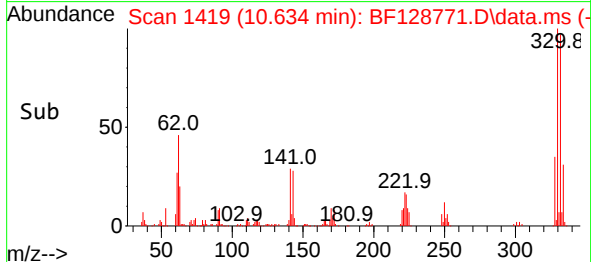
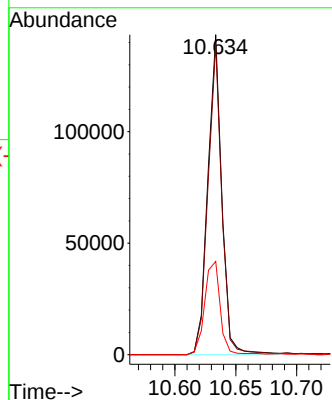
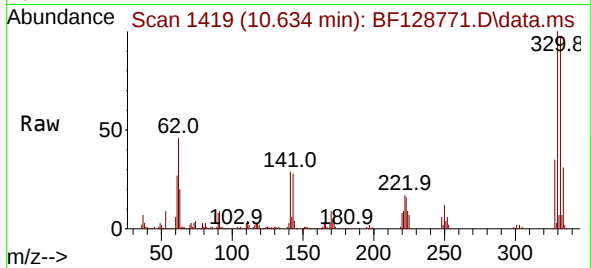




#42
2,4,6-Tribromophenol
Concen: 73.940 ng
RT: 10.634 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

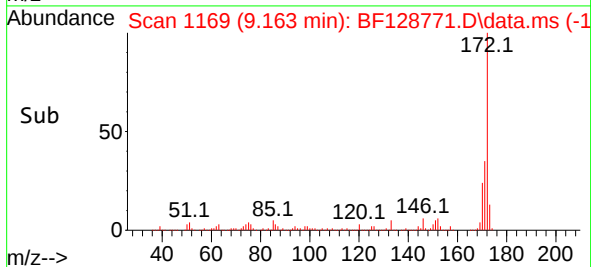
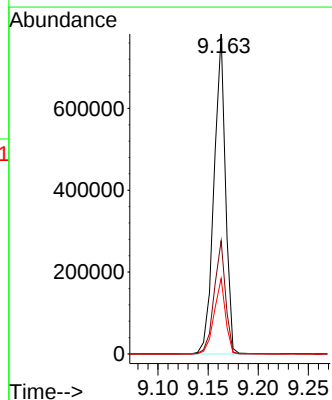
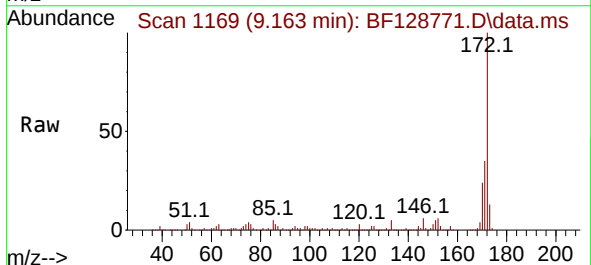
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I-2

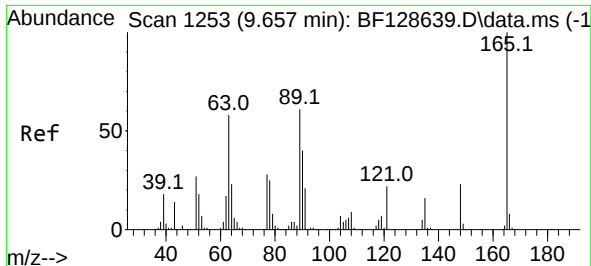
Tgt Ion:330 Resp: 114173
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 33.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 66.801 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

Tgt Ion:172 Resp: 623214
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.211 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.194 min

Lab File: BF128771.D

Acq: 10 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

1-2

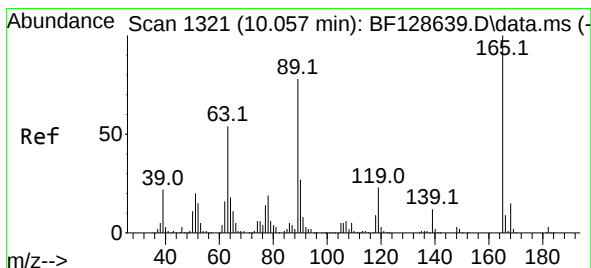
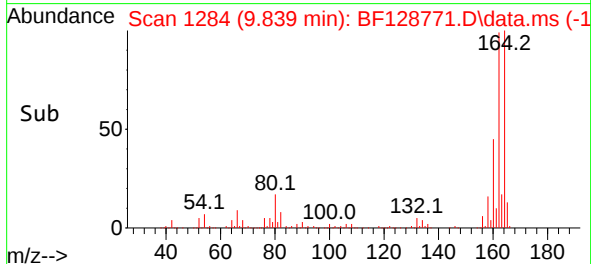
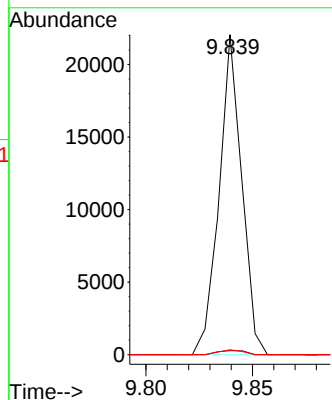
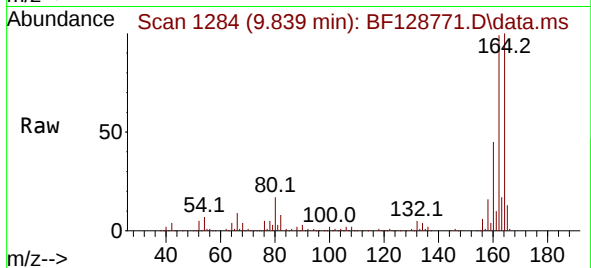
Tgt Ion:165 Resp: 16262

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.902 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.206 min

Lab File: BF128771.D

Acq: 10 Jun 2022 21:14

Tgt Ion:165 Resp: 16262

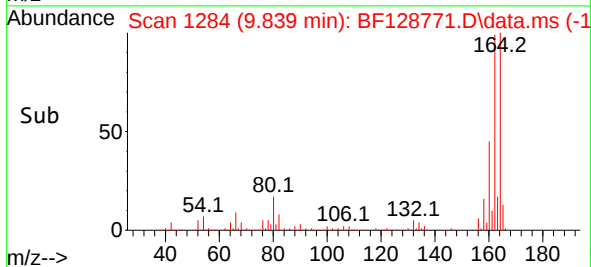
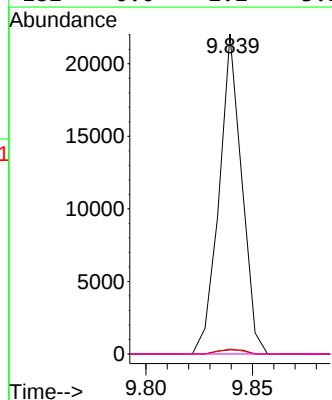
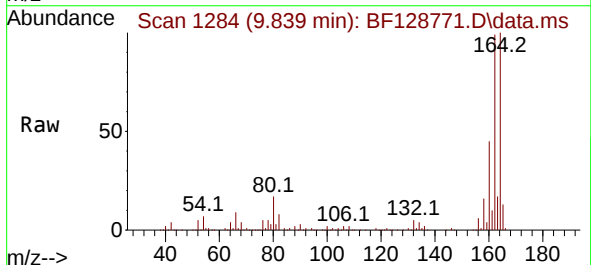
Ion Ratio Lower Upper

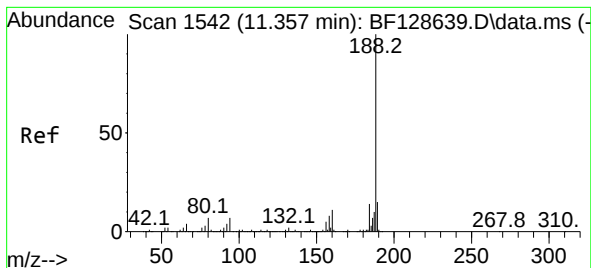
165 100

63 1.3 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128771.D

Acq: 10 Jun 2022 21:14

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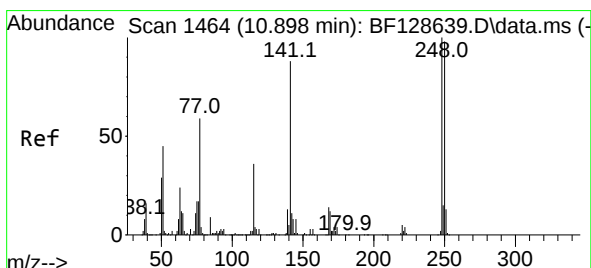
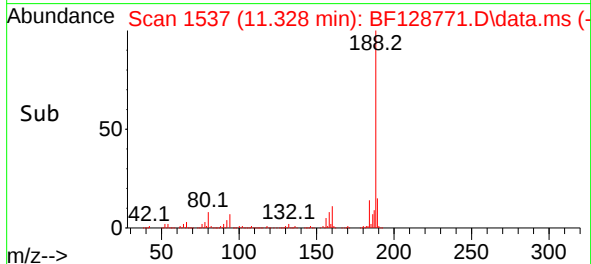
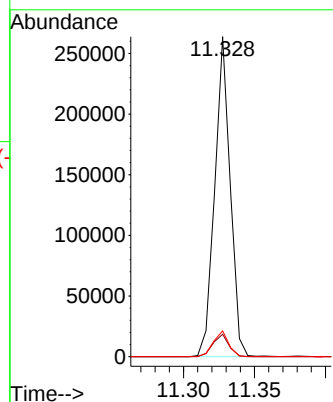
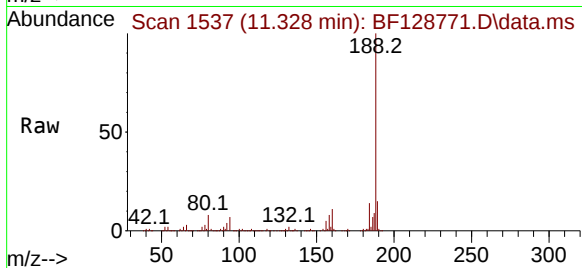
Tgt Ion:188 Resp: 200217

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.6#

80 8.0 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.280 ng

RT: 10.634 min Scan# 1419

Delta R.T. -0.253 min

Lab File: BF128771.D

Acq: 10 Jun 2022 21:14

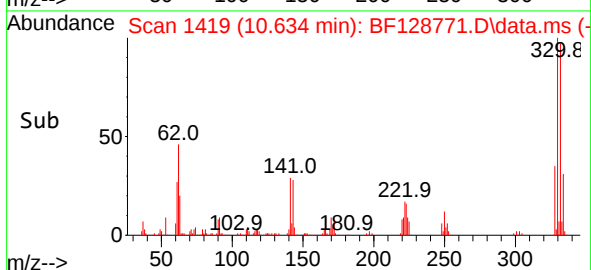
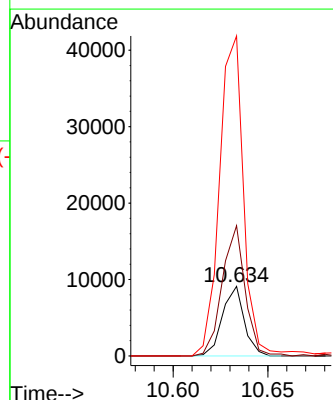
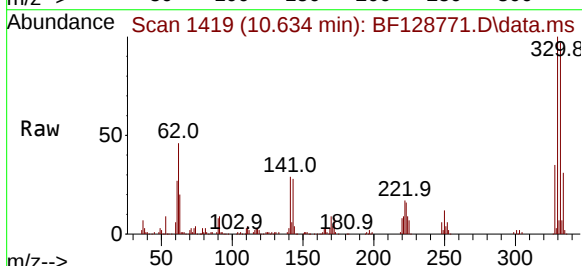
Tgt Ion:248 Resp: 7324

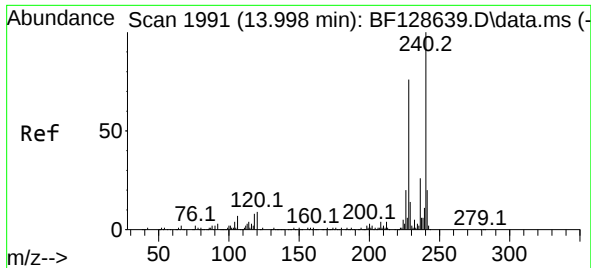
Ion Ratio Lower Upper

248 100

250 187.3 80.6 120.8#

141 459.9 58.9 88.3#

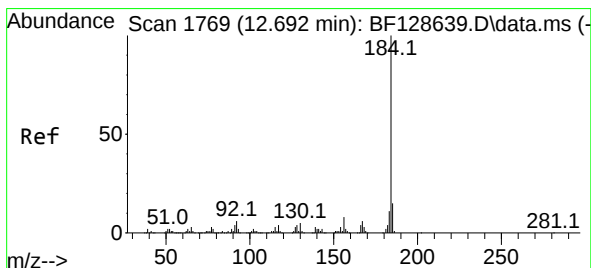
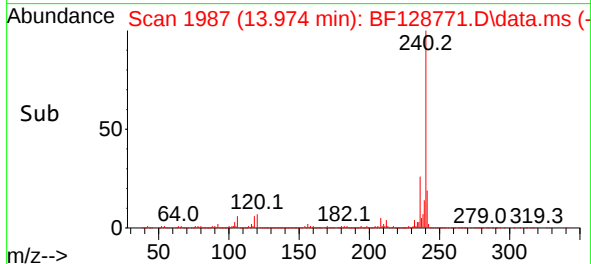
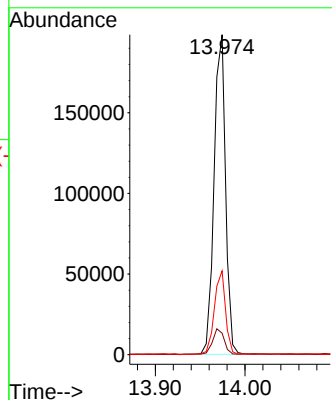
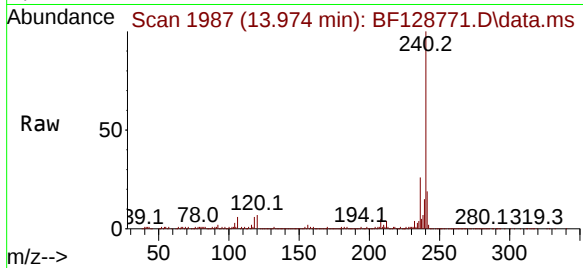




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

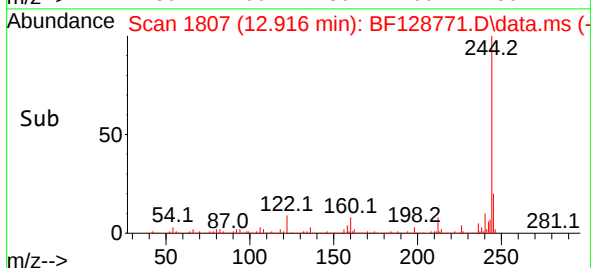
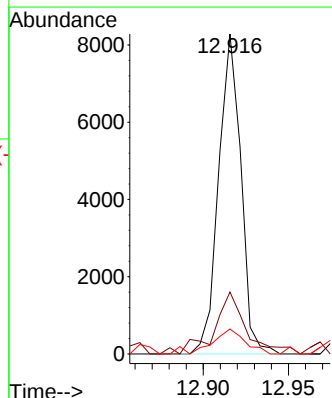
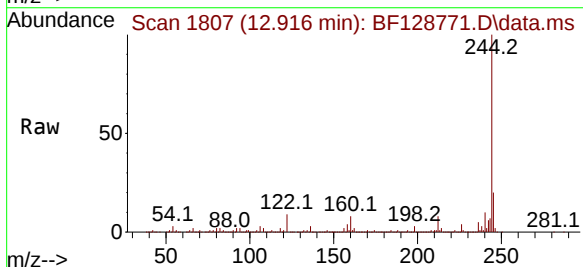
Instrument :
BNA_F
ClientSampleId :
I-2

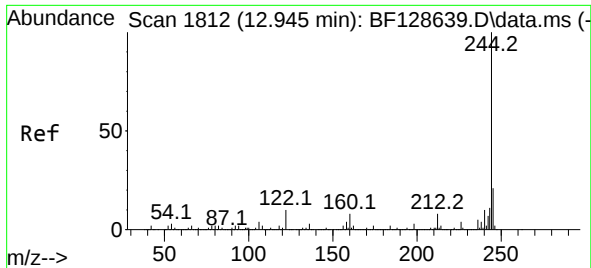
Tgt Ion:240 Resp: 176596
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 26.2 20.8 31.2



#77
Benzidine
Concen: 2.144 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.235 min
Lab File: BF128771.D
Acq: 10 Jun 2022 21:14

Tgt Ion:184 Resp: 7547
Ion Ratio Lower Upper
184 100
185 19.3 11.9 17.9#
183 7.8 9.3 13.9#

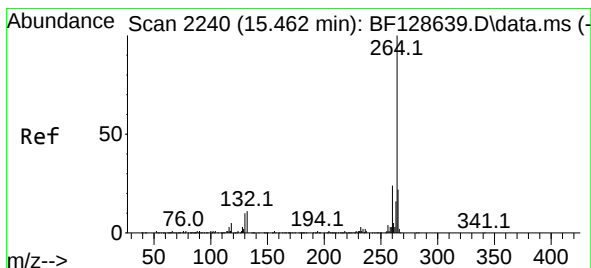
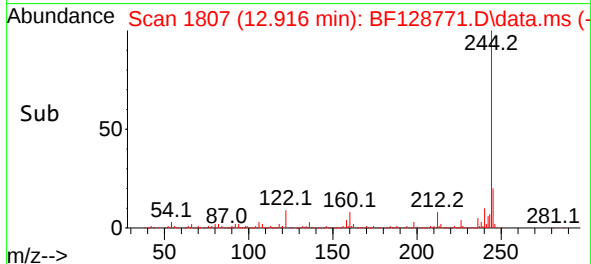
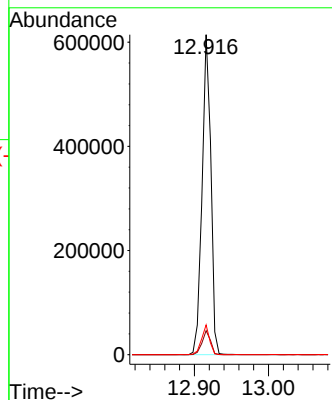
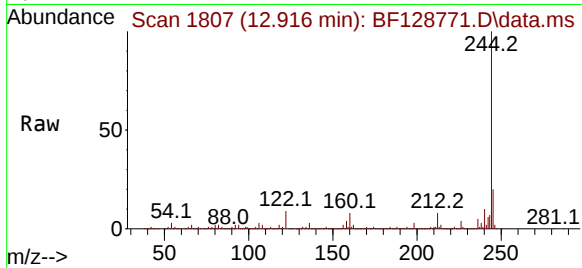




#79
 Terphenyl-d14
 Concen: 49.512 ng
 RT: 12.916 min Scan# 1812
 Delta R.T. -0.018 min
 Lab File: BF128771.D
 Acq: 10 Jun 2022 21:14

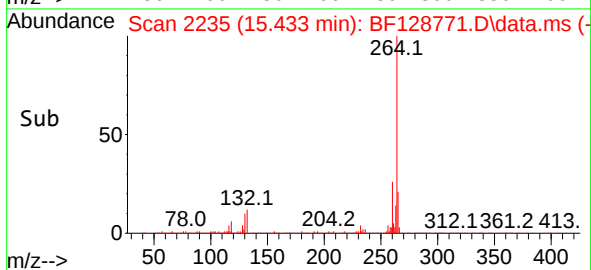
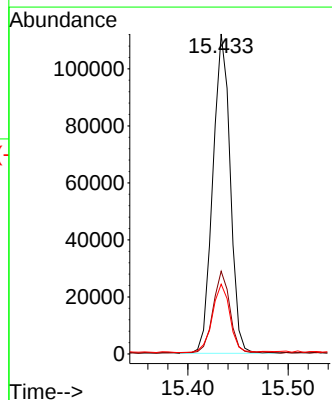
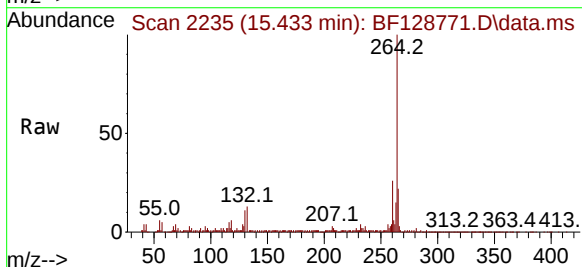
Instrument :
 BNA_F
 ClientSampleId :
 I-2

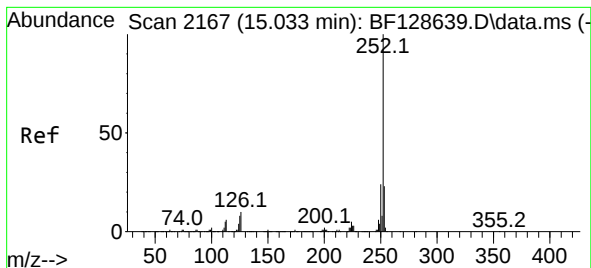
Tgt Ion:244 Resp: 503193
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. -0.012 min
 Lab File: BF128771.D
 Acq: 10 Jun 2022 21:14

Tgt Ion:264 Resp: 135241
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.4 27.6
 265 21.8 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.048 ng

RT: 15.004 min Scan# 2162

Delta R.T. -0.018 min

Lab File: BF128771.D

Acq: 10 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

I-2

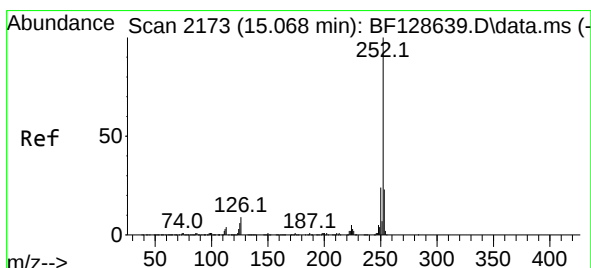
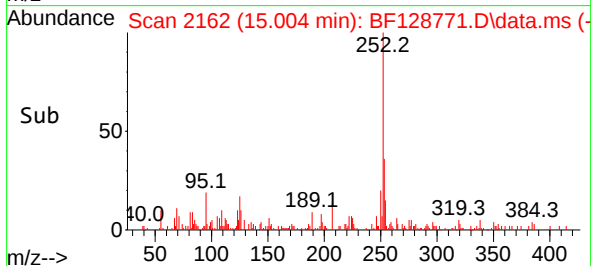
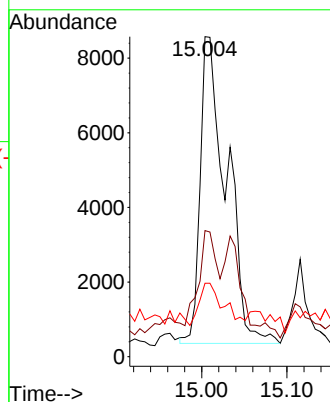
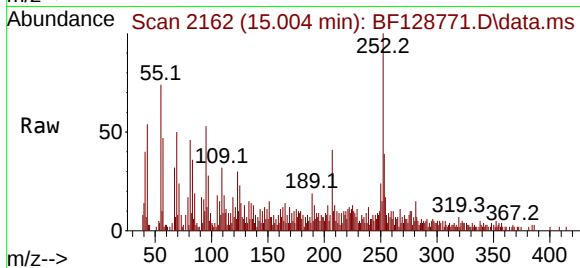
Tgt Ion:252 Resp: 17699

Ion Ratio Lower Upper

252 100

253 39.4 17.7 26.5#

125 22.9 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 2.177 ng

RT: 15.004 min Scan# 2162

Delta R.T. -0.047 min

Lab File: BF128771.D

Acq: 10 Jun 2022 21:14

Tgt Ion:252 Resp: 17699

Ion Ratio Lower Upper

252 100

253 39.4 17.8 26.6#

125 22.9 8.3 12.5#

