

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128756.D
 Acq On : 10 Jun 2022 12:47
 Operator : CG\JU
 Sample : PB145444BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145444BL

Quant Time: Jun 11 01:26:33 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)

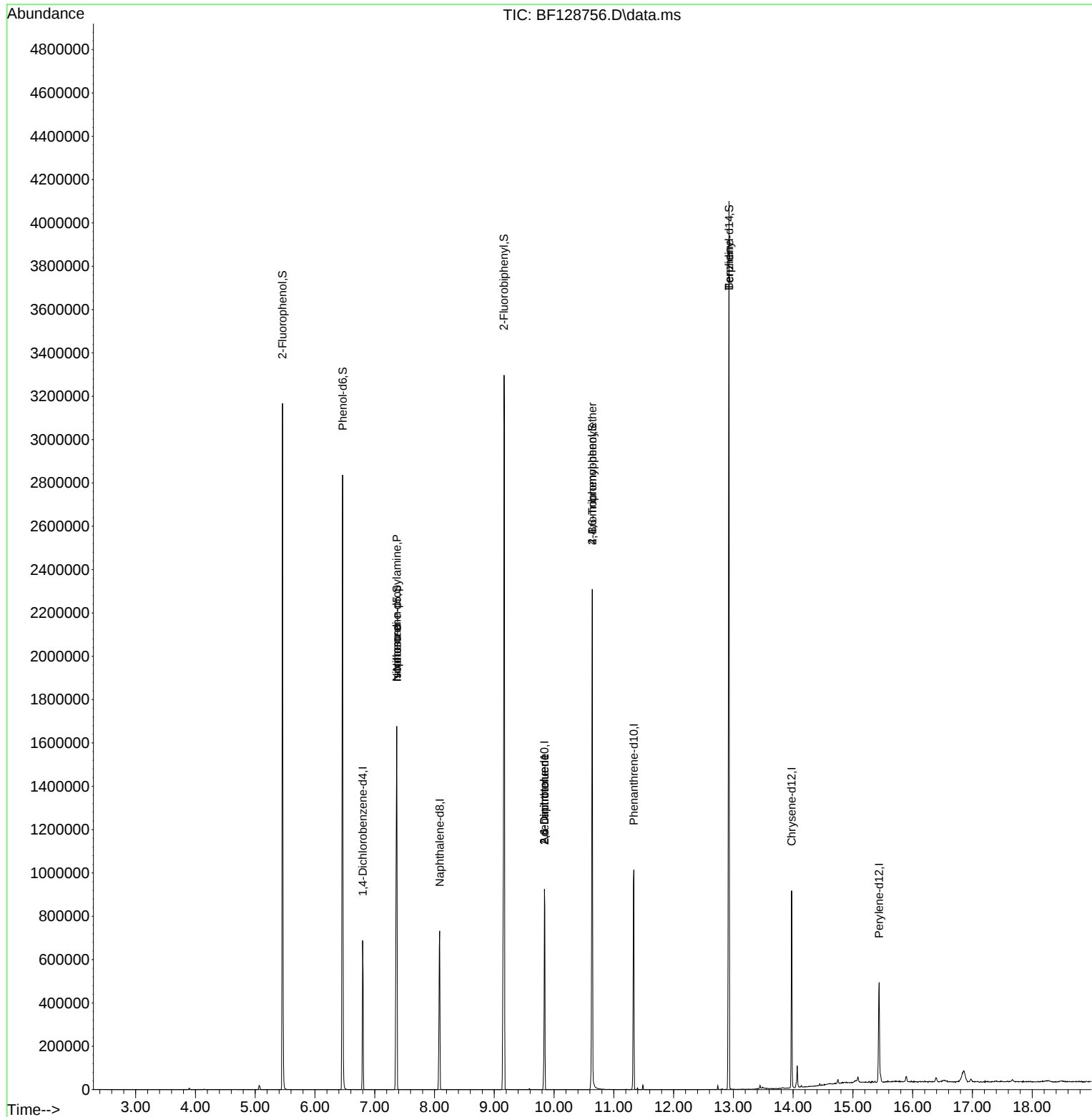
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	94349	20.000	ng	-0.01
21) Naphthalene-d8	8.087	136	362546	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	209570	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	395903	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	290552	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	213473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	718456	121.292	ng	0.00
7) Phenol-d6	6.463	99	907550	125.517	ng	-0.02
23) Nitrobenzene-d5	7.369	82	644436	82.759	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	291516	117.728	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1275039	85.226	ng	-0.01
79) Terphenyl-d14	12.927	244	1447425	86.563	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	91479	20.349	ng	# 75
25) Isophorone	7.369	82	640720	54.176	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	26198	9.253	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	26198	6.934	ng	# 21
67) 4-Bromophenyl-phenylether	10.639	248	18288	4.142	ng	# 1
77) Benzidine	12.927	184	21363	3.688	ng	# 92

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

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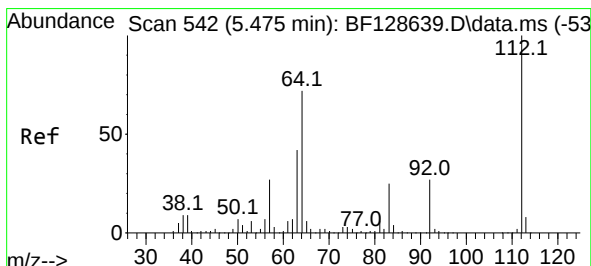
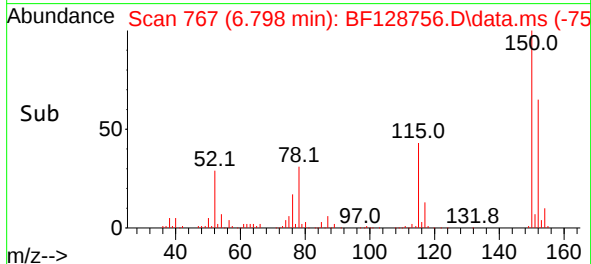
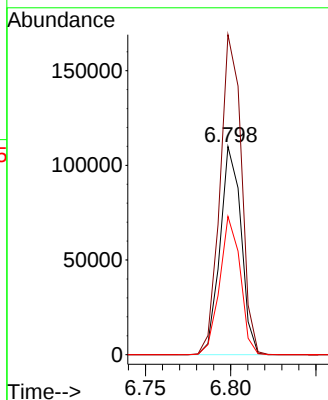
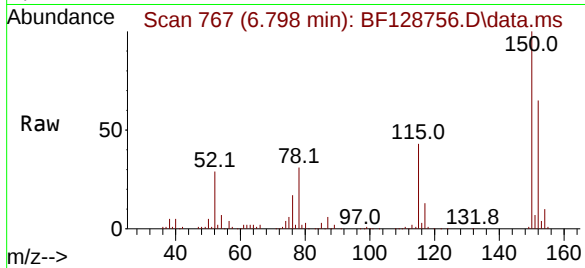




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

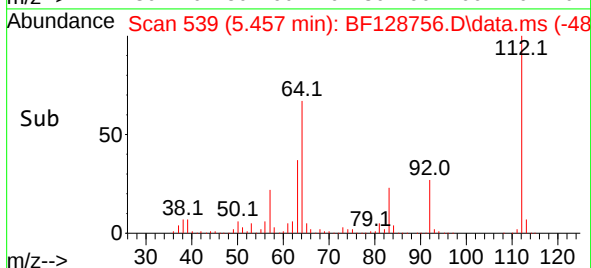
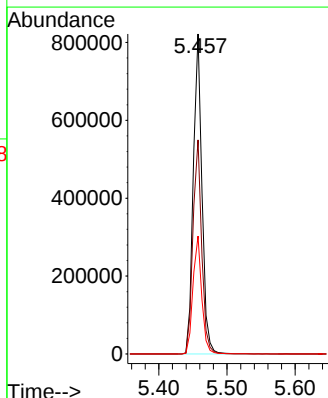
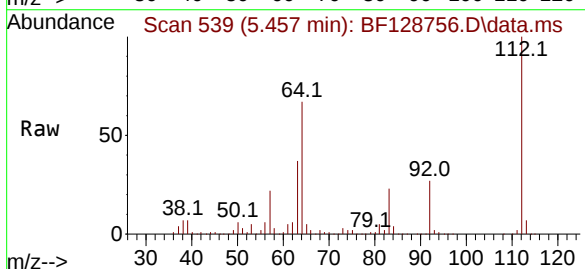
Instrument :
BNA_F
ClientSampleId :
PB145444BL

Tgt Ion:152 Resp: 94349
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 66.4 49.9 74.9



#5
2-Fluorophenol
Concen: 121.292 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

Tgt Ion:112 Resp: 718456
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 36.8 28.0 42.0

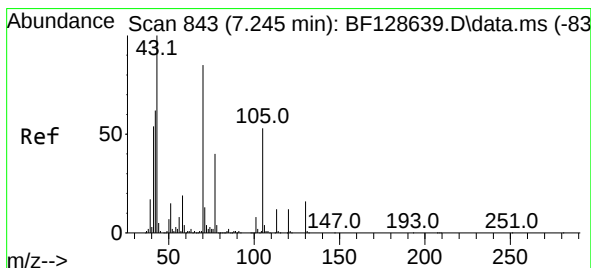
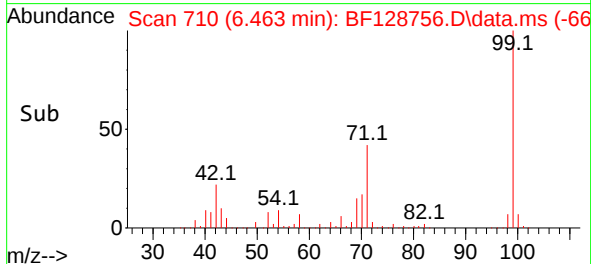
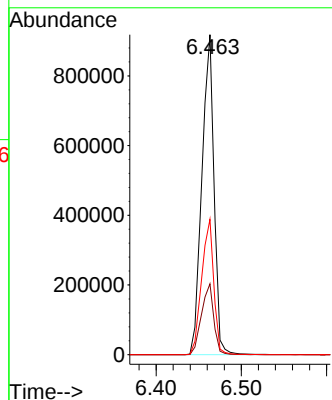
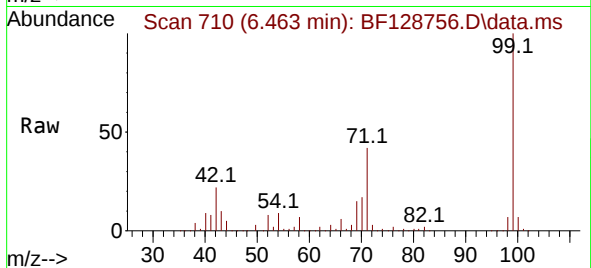




#7
Phenol-d6
Concen: 125.517 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

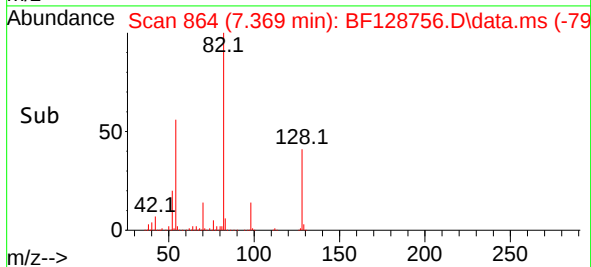
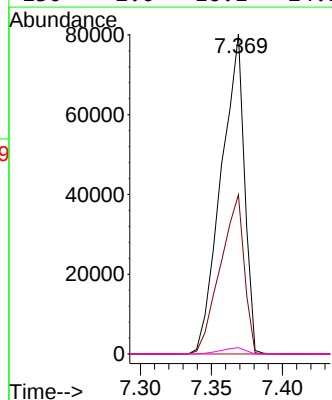
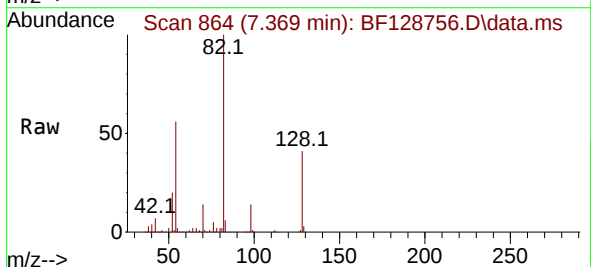
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ClientSampleId :
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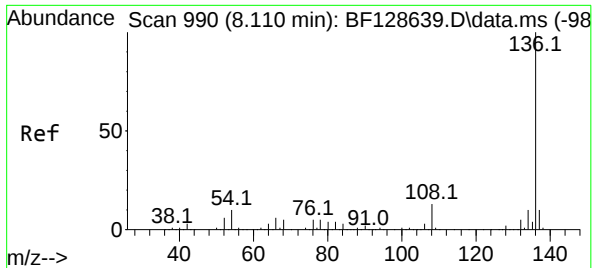
Tgt Ion: 99 Resp: 907550
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 42.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.349 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

Tgt Ion: 70 Resp: 91479
Ion Ratio Lower Upper
70 100
42 49.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

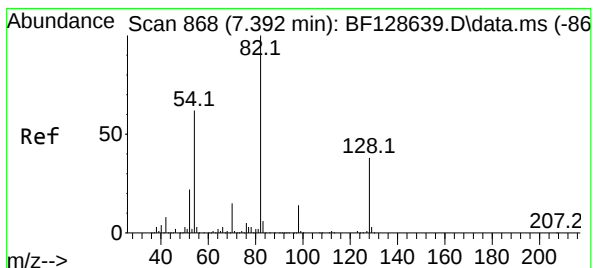
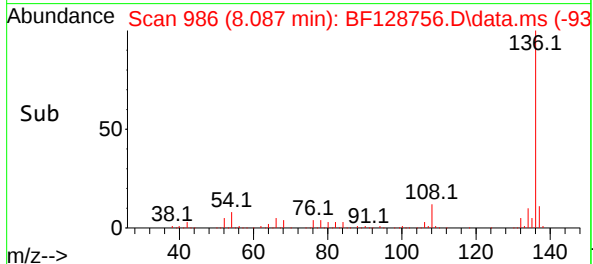
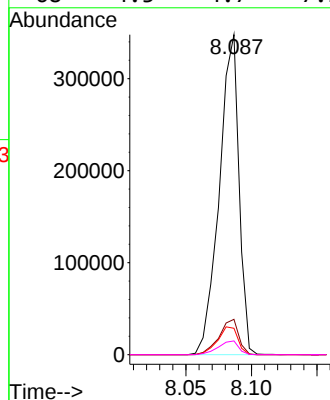
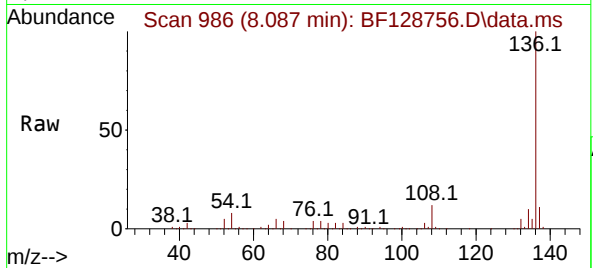




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

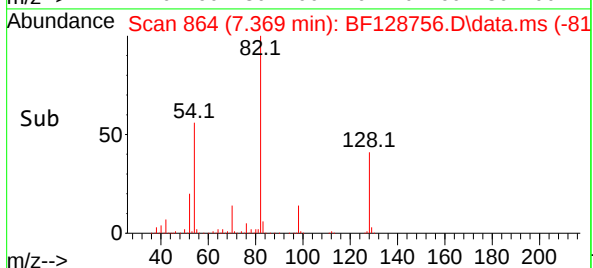
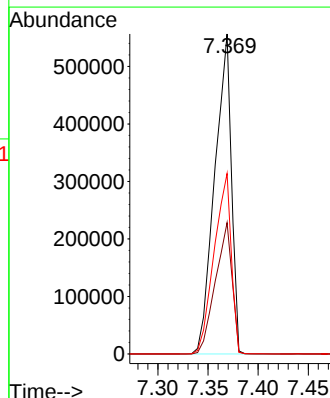
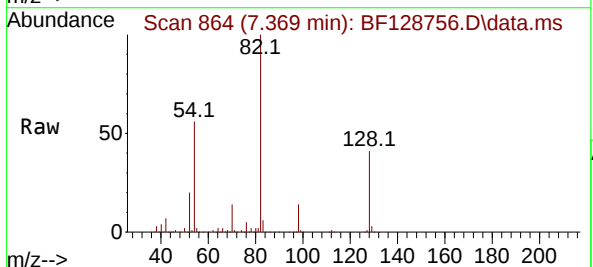
Instrument :
BNA_F
ClientSampleId :
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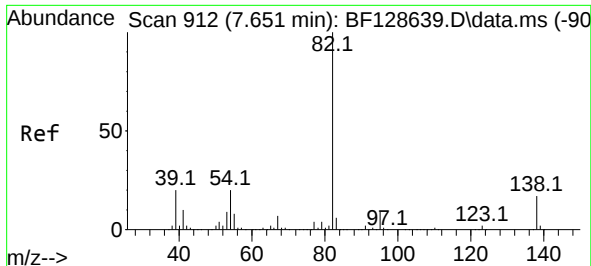
Tgt Ion:	136	Resp:	362546
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	8.3	7.5	11.3
68	4.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 82.759 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

Tgt Ion:	82	Resp:	644436
Ion Ratio	Lower	Upper	
82	100		
128	41.0	34.0	51.0
54	56.4	46.9	70.3

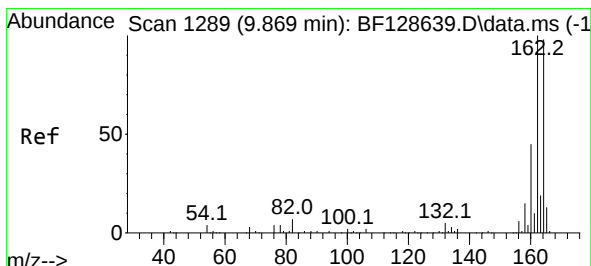
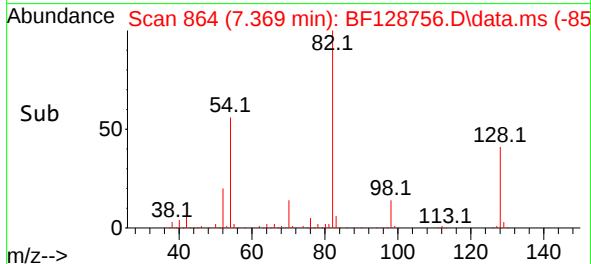
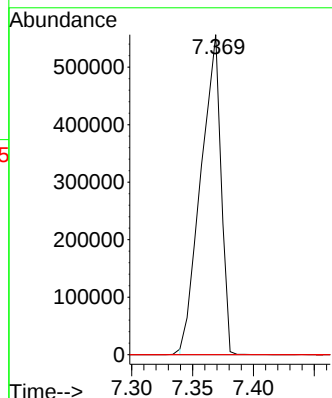
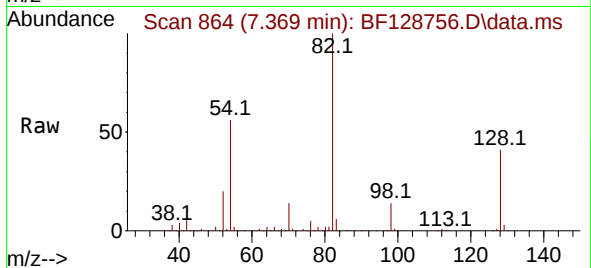




#25
Isophorone
Concen: 54.176 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

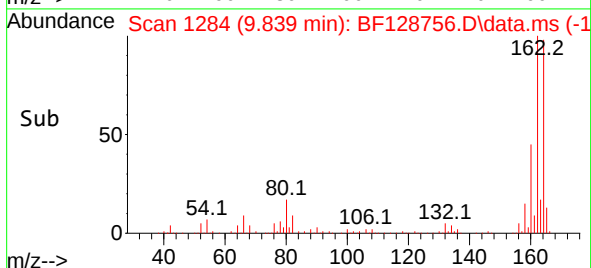
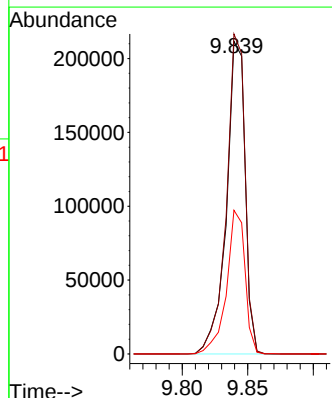
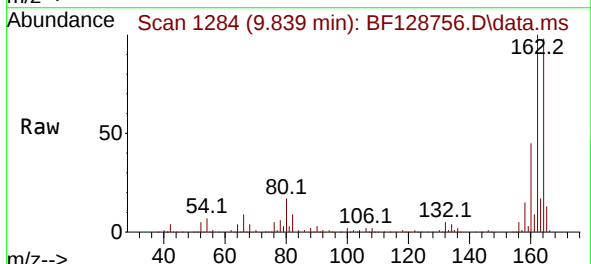
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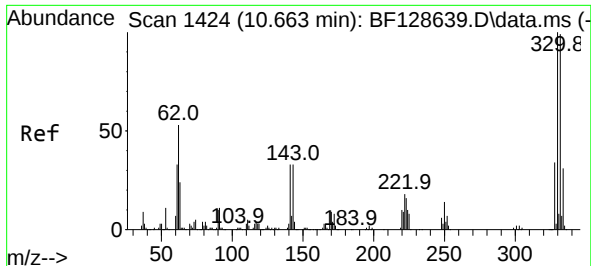
Tgt Ion: 82 Resp: 640720
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

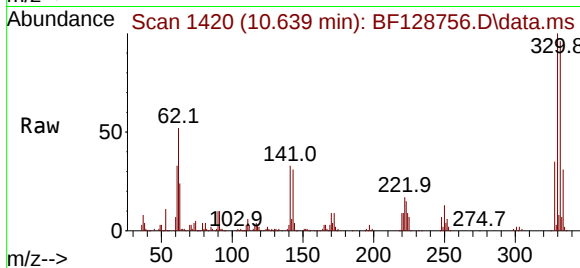
Tgt Ion:164 Resp: 209570
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 46.0 34.2 51.4



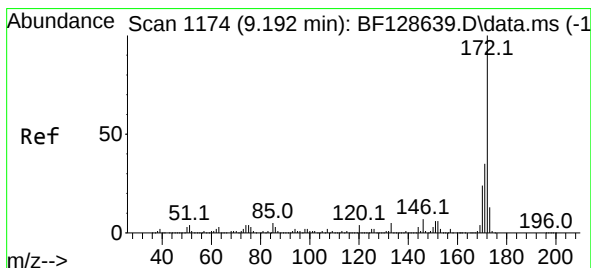
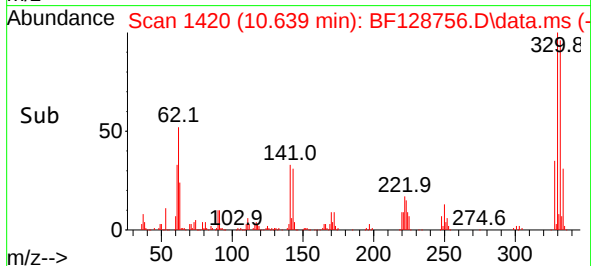
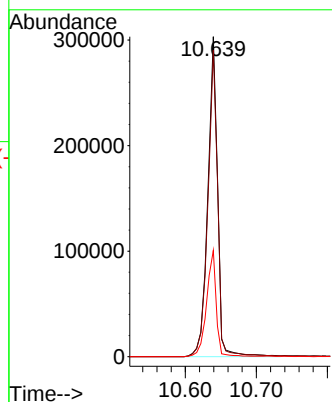


#42
2,4,6-Tribromophenol
Concen: 117.728 ng
RT: 10.639 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

Instrument :
BNA_F
ClientSampleId :
PB145444BL

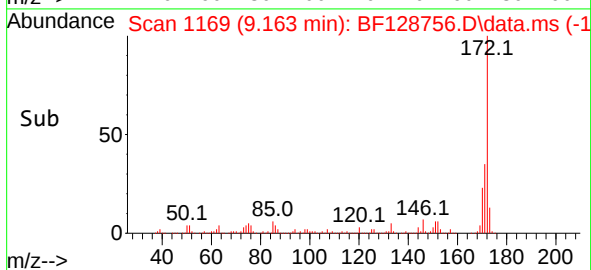
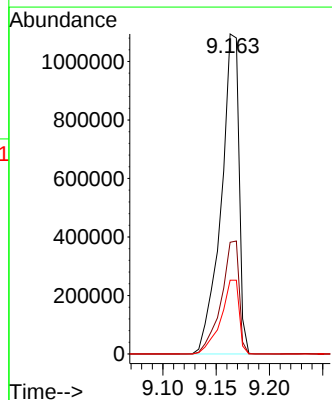
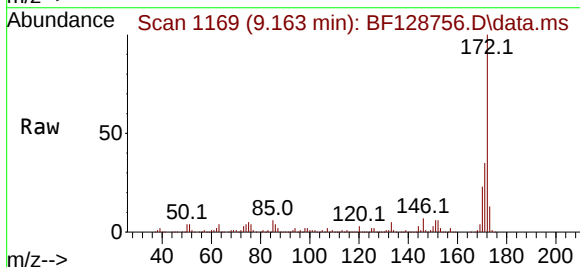


Tgt Ion:330 Resp: 291516
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 32.9 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 85.226 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

Tgt Ion:172 Resp: 1275039
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.1 19.8 29.8

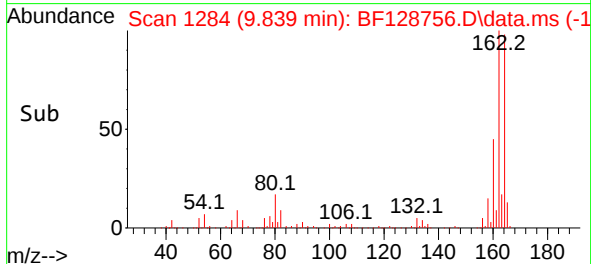
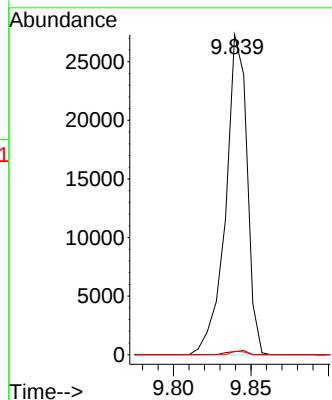
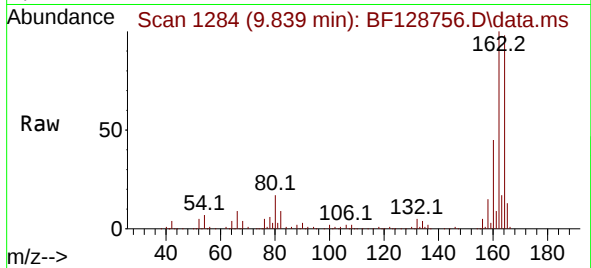




#51
2,6-Dinitrotoluene
Concen: 9.253 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

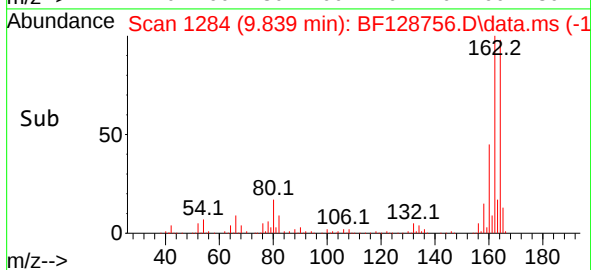
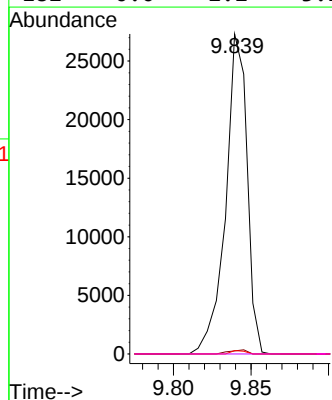
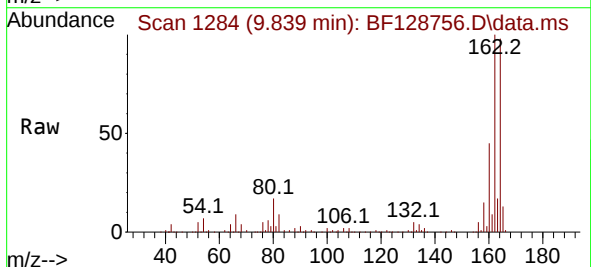
Instrument :
BNA_F
ClientSampleId :
PB145444BL

Tgt Ion:165 Resp: 26198
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.934 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.206 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

Tgt Ion:165 Resp: 26198
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

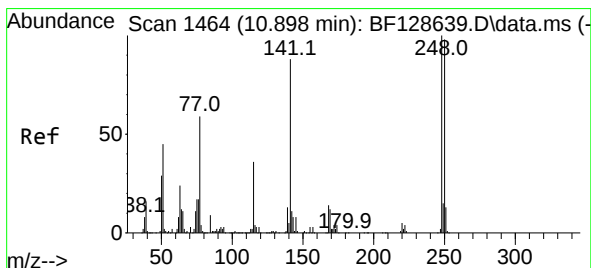
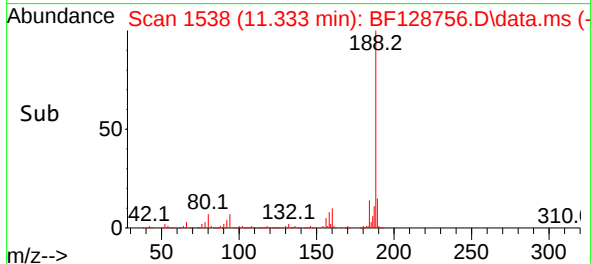
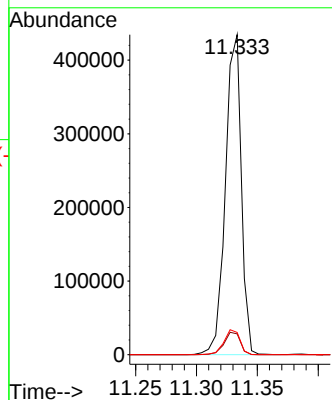
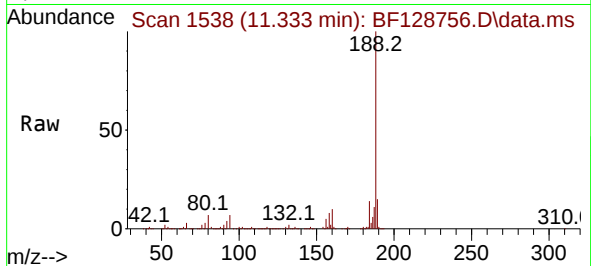




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

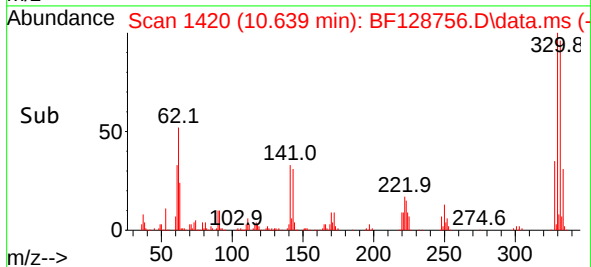
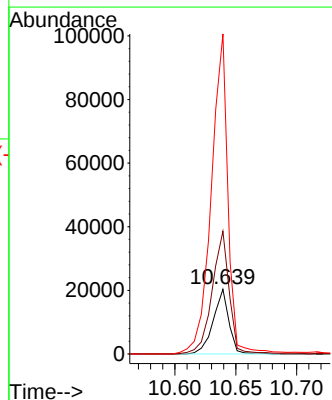
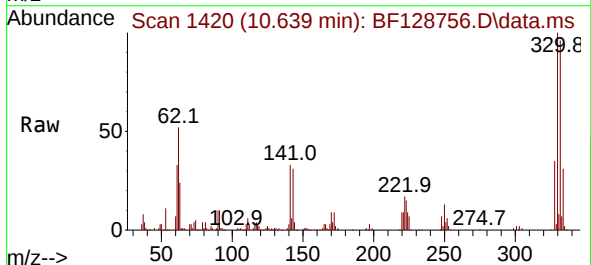
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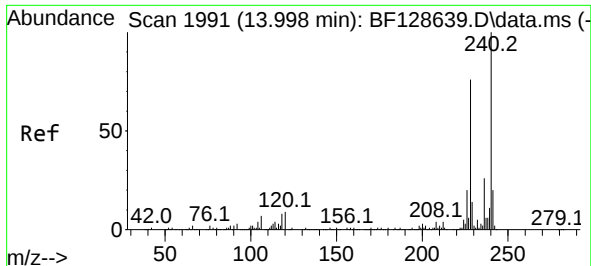
Tgt Ion:188 Resp: 395903
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.6#
80 6.9 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.142 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.247 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

Tgt Ion:248 Resp: 18288
Ion Ratio Lower Upper
248 100
250 189.8 80.6 120.8#
141 494.8 58.9 88.3#

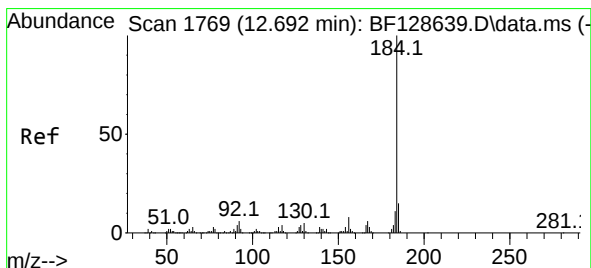
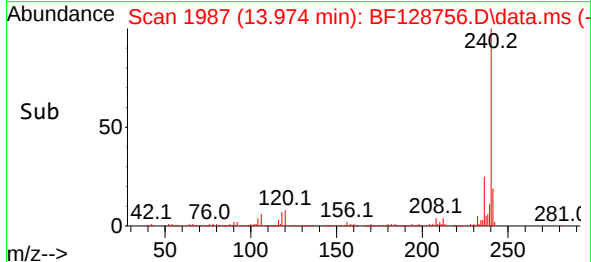
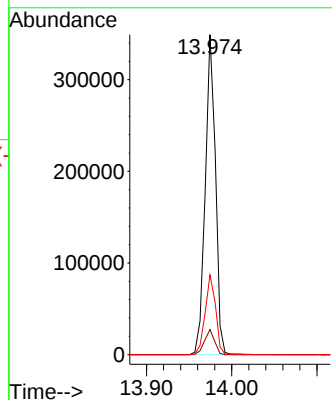
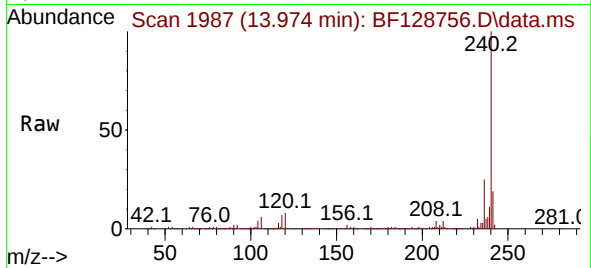




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1809
Delta R.T. -0.012 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

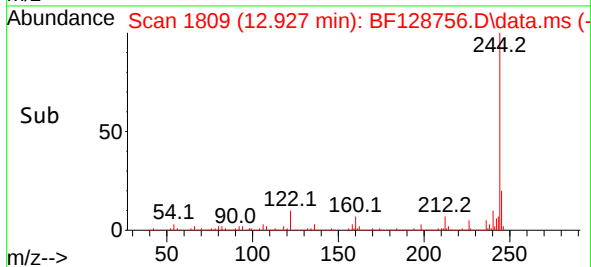
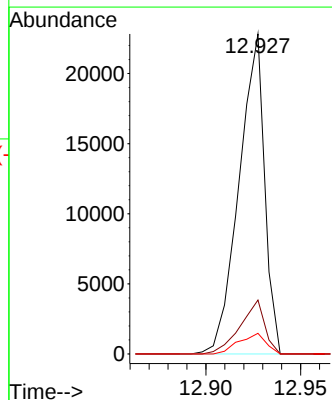
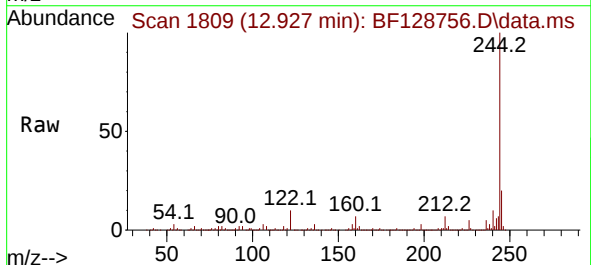
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ClientSampleId :
PB145444BL

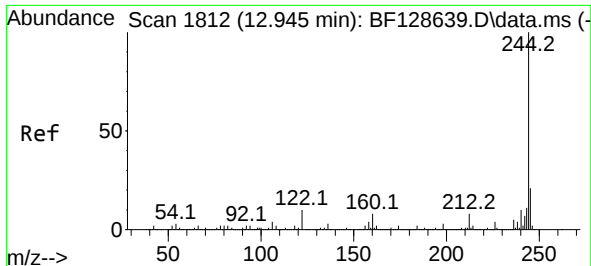
Tgt Ion:240 Resp: 290552
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 24.9 20.8 31.2



#77
Benzidine
Concen: 3.688 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF128756.D
Acq: 10 Jun 2022 12:47

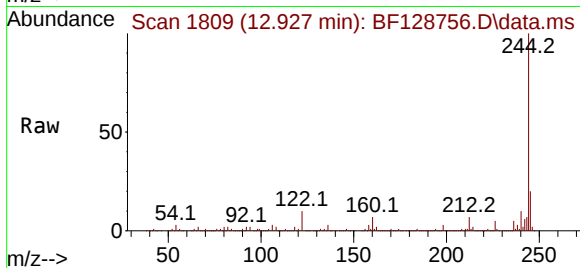
Tgt Ion:184 Resp: 21363
Ion Ratio Lower Upper
184 100
185 16.9 11.9 17.9
183 6.5 9.3 13.9#





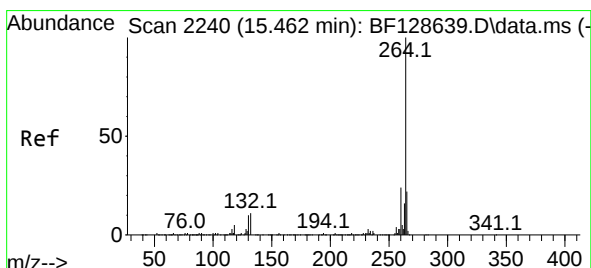
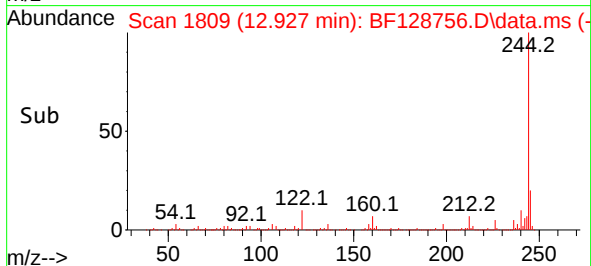
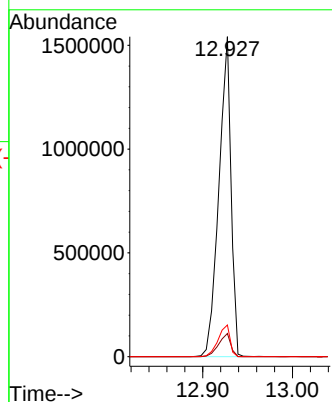
#79
 Terphenyl-d14
 Concen: 86.563 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF128756.D
 Acq: 10 Jun 2022 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB145444BL



Tgt Ion:244 Resp: 1447425

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	9.9	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2236
 Delta R.T. -0.006 min
 Lab File: BF128756.D
 Acq: 10 Jun 2022 12:47

Tgt Ion:264 Resp: 213473

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	20.0	17.2	25.8

