

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128959.D
 Acq On : 23 Jun 2022 18:40
 Operator : CG\JU
 Sample : N3462-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-18-20-20220622

Quant Time: Jun 24 04:32:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

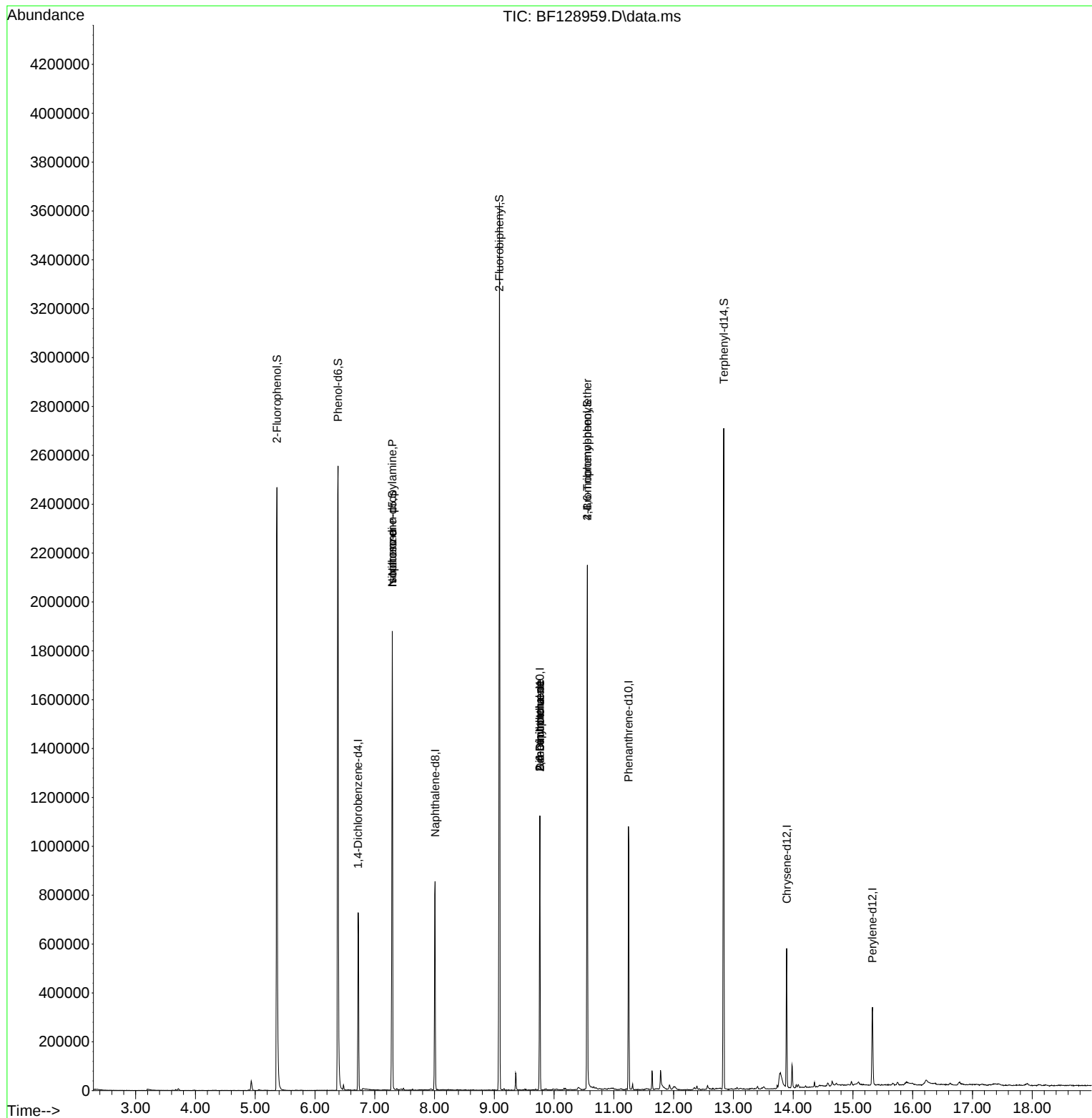
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	101390	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	378864	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	213523	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	394794	20.000	ng	0.00
76) Chrysene-d12	13.892	240	191363	20.000	ng	# 0.00
86) Perylene-d12	15.327	264	149010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	655131	102.921	ng	0.00
7) Phenol-d6	6.387	99	826236	106.336	ng	0.00
23) Nitrobenzene-d5	7.292	82	595076	73.129	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	235778	93.456	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1094690	71.816	ng	0.00
79) Terphenyl-d14	12.839	244	899313	81.660	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	84406	17.471	ng	# 80
25) Isophorone	7.292	82	583669	47.227	ng	# 65
50) Dimethylphthalate	9.763	163	39022	2.670	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	28066	9.730	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	28066	7.291	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	15267	3.468	ng	# 1

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

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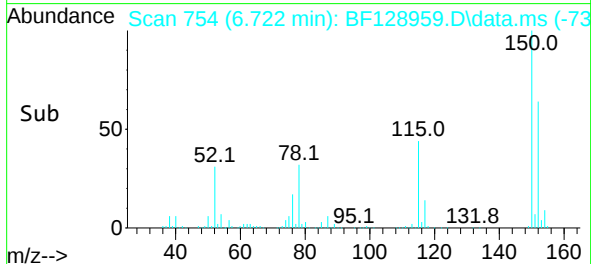
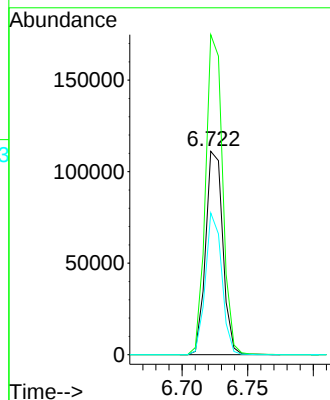
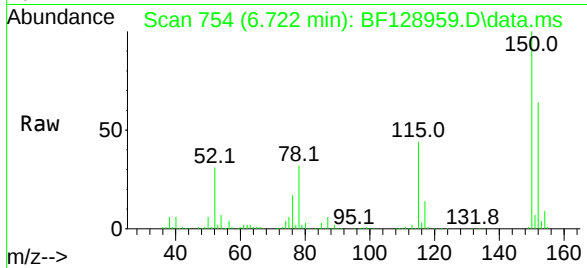




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

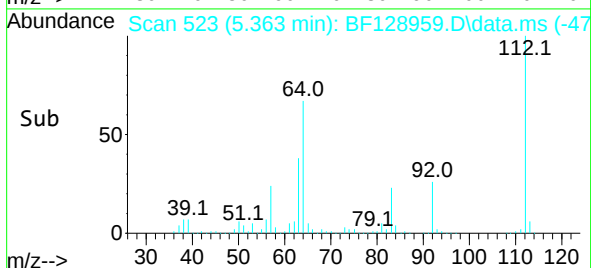
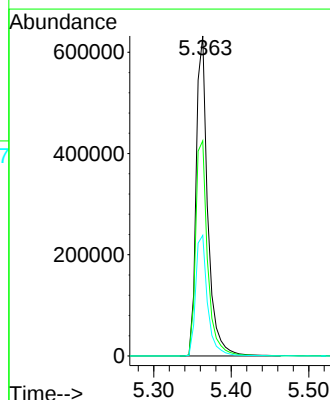
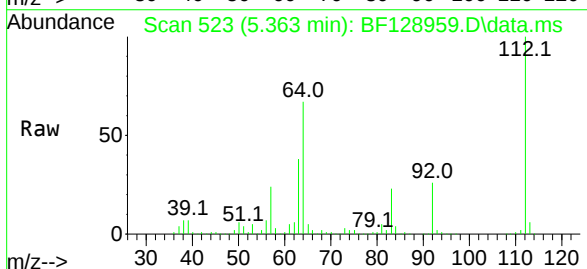
Instrument :
BNA_F
ClientSampleId :
SB-6-18-20-20220622

Tgt Ion:152 Resp: 101390
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 69.7 49.9 74.9



#5
2-Fluorophenol
Concen: 102.921 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

Tgt Ion:112 Resp: 655131
Ion Ratio Lower Upper
112 100
64 67.2 53.3 79.9
63 37.7 28.0 42.0

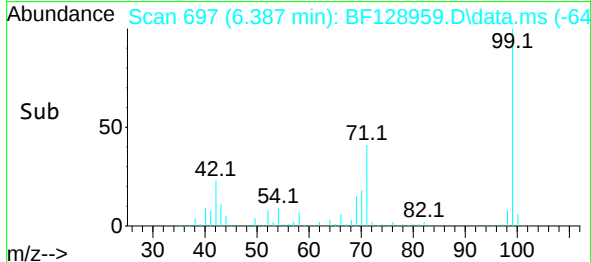
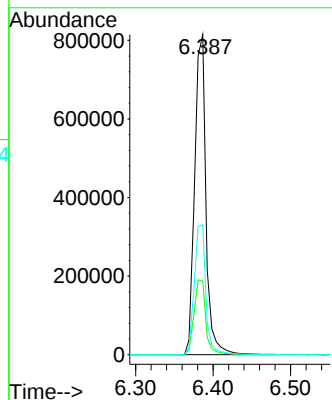
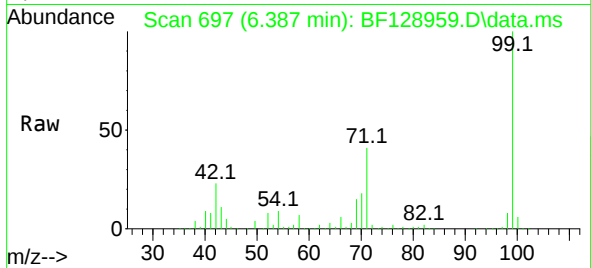




#7
Phenol-d6
Concen: 106.336 ng
RT: 6.387 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

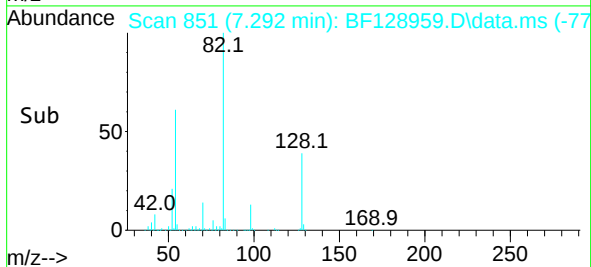
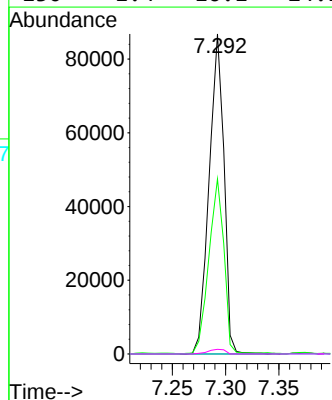
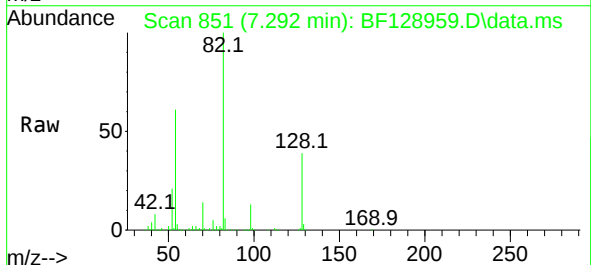
Instrument :
BNA_F
ClientSampleId :
SB-6-18-20-20220622

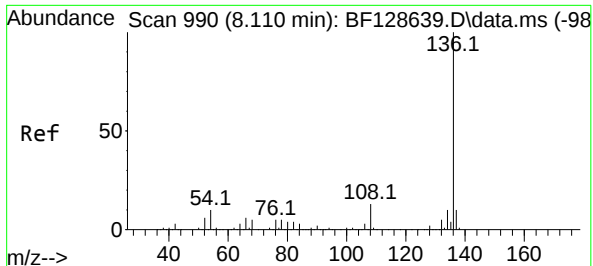
Tgt Ion: 99 Resp: 826236
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 40.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.471 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

Tgt Ion: 70 Resp: 84406
Ion Ratio Lower Upper
70 100
42 54.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.4 16.1 24.1#

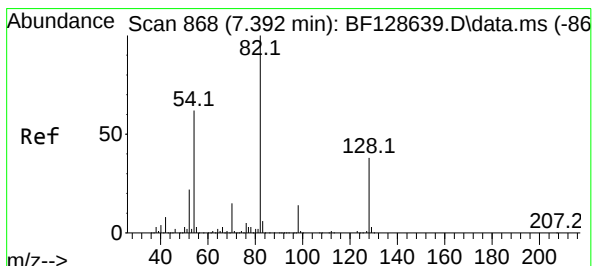
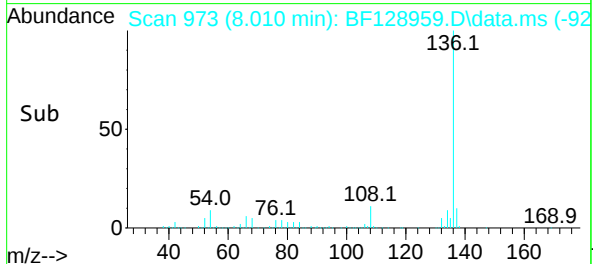
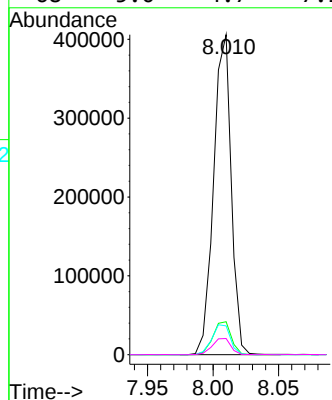
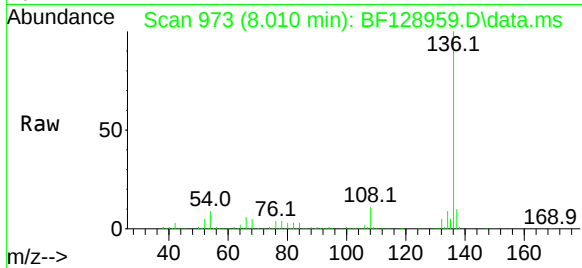




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

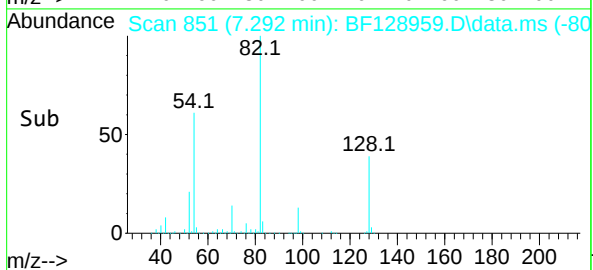
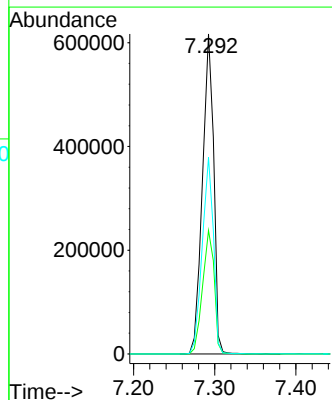
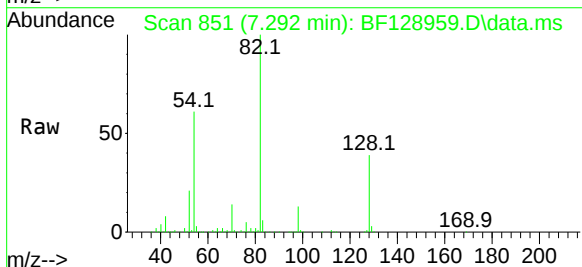
Instrument :
BNA_F
ClientSampleId :
SB-6-18-20-20220622

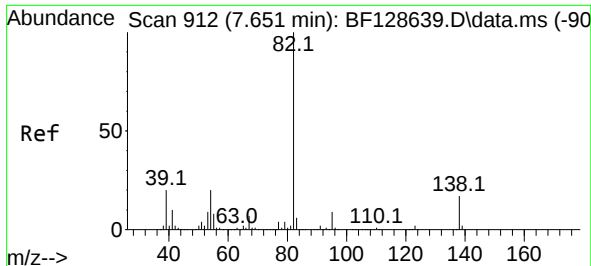
Tgt Ion:	136	Resp:	378864
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	9.0	7.5	11.3
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 73.129 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

Tgt Ion:	82	Resp:	595076
Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.0	51.0
54	61.4	46.9	70.3

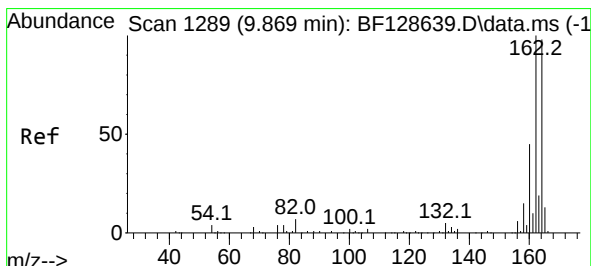
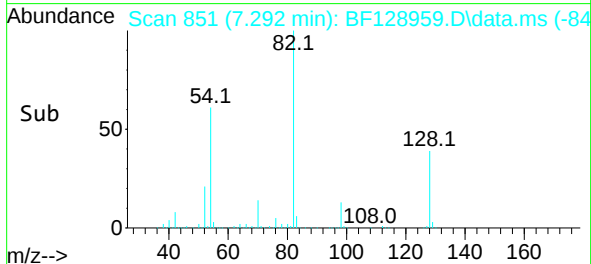
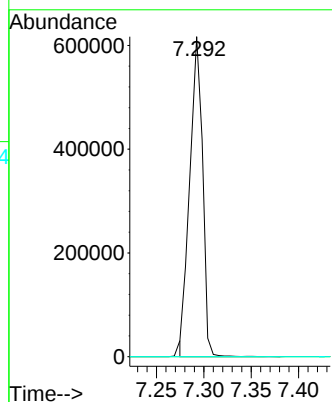
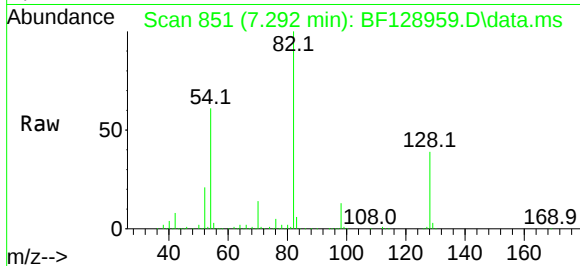




#25
Isophorone
Concen: 47.227 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

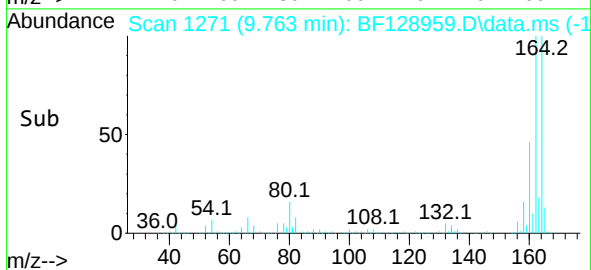
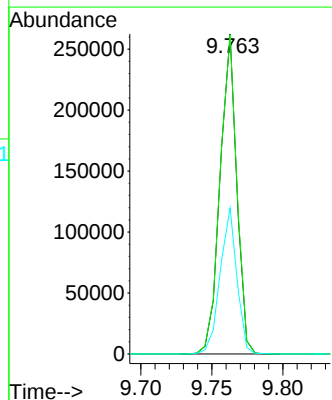
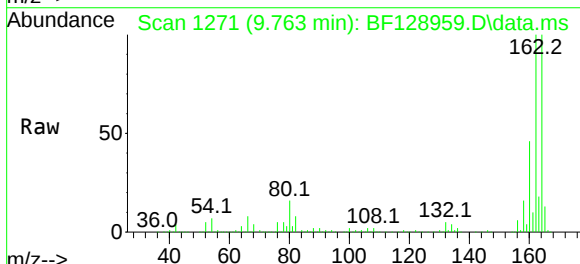
Instrument :
BNA_F
ClientSampleId :
SB-6-18-20-20220622

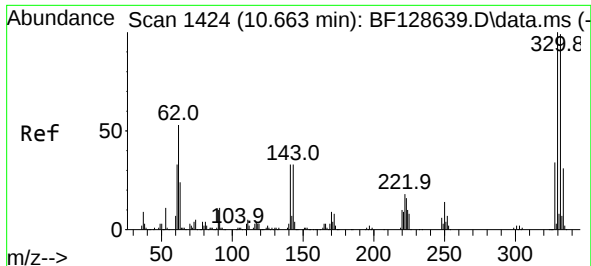
Tgt Ion: 82 Resp: 583669
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

Tgt Ion:164 Resp: 213523
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 93.456 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128959.D

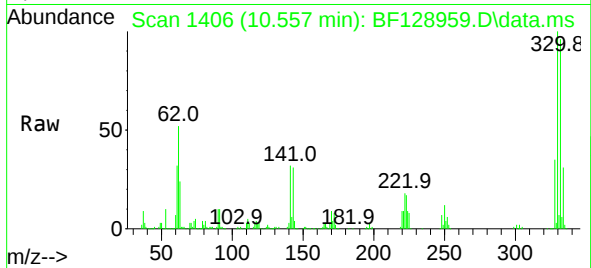
Acq: 23 Jun 2022 18:40

Instrument :

BNA_F

ClientSampleId :

SB-6-18-20-20220622



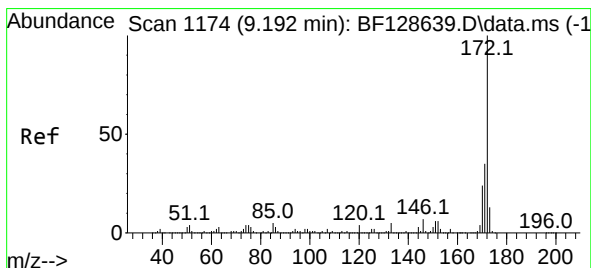
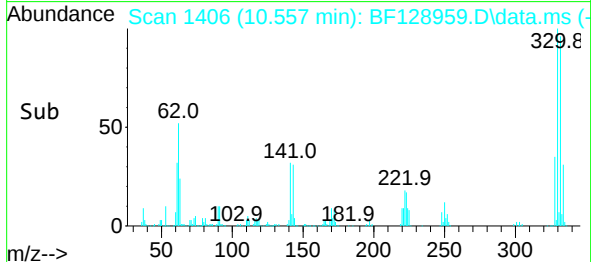
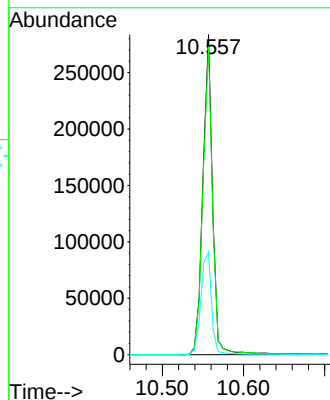
Tgt Ion:330 Resp: 235778

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.816 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128959.D

Acq: 23 Jun 2022 18:40

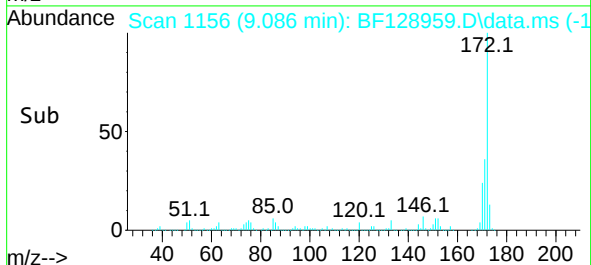
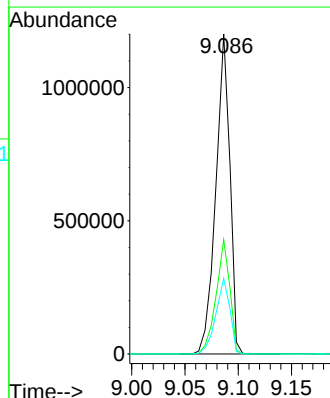
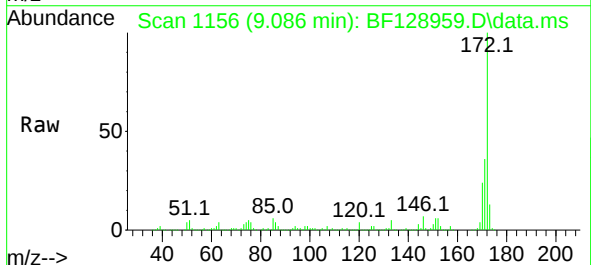
Tgt Ion:172 Resp: 1094690

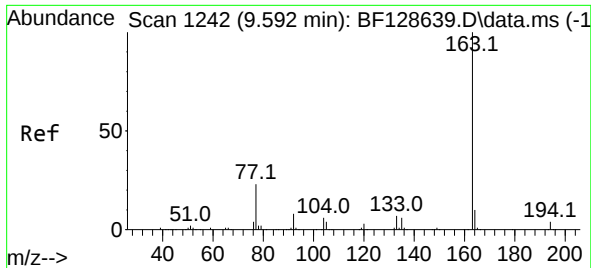
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.8 29.8

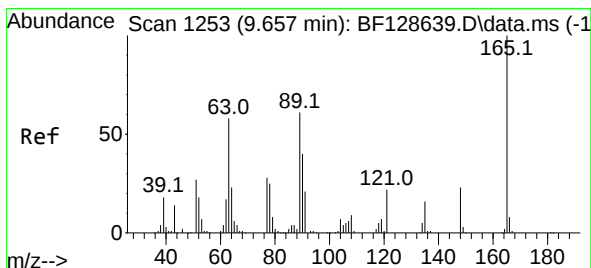
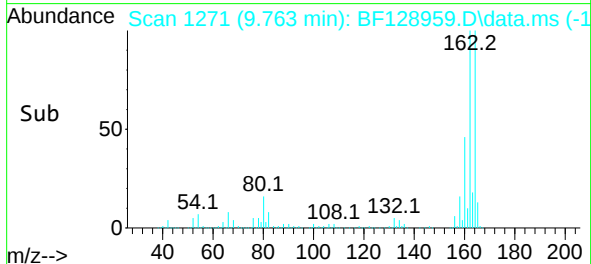
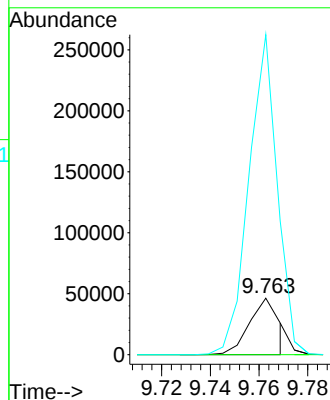
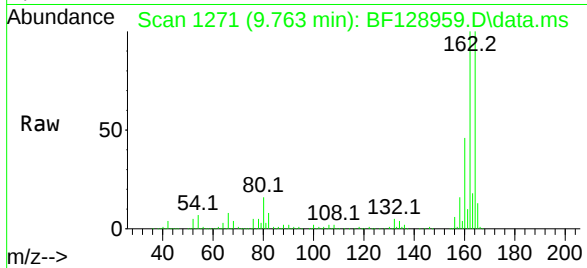




#50
Dimethylphthalate
Concen: 2.670 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

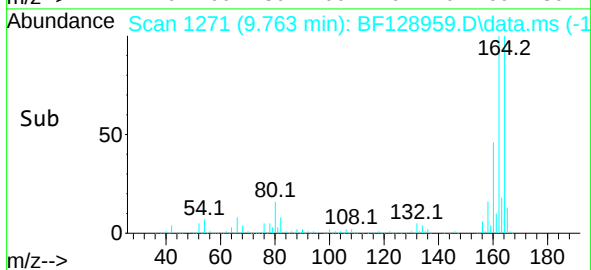
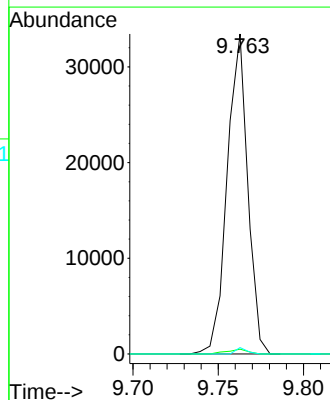
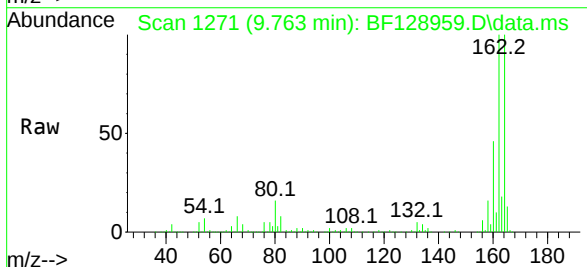
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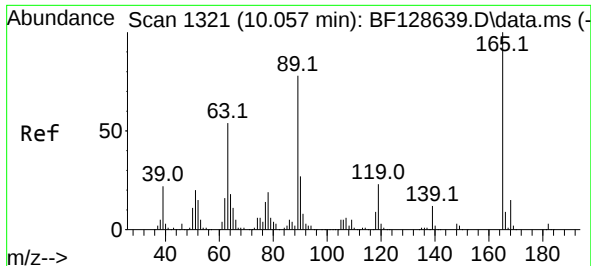
Tgt Ion:163 Resp: 39022
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 566.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.730 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

Tgt Ion:165 Resp: 28066
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 2.0 43.6 65.4#

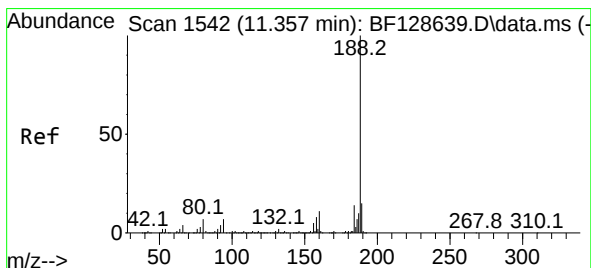
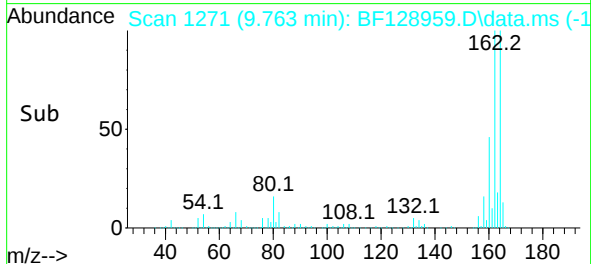
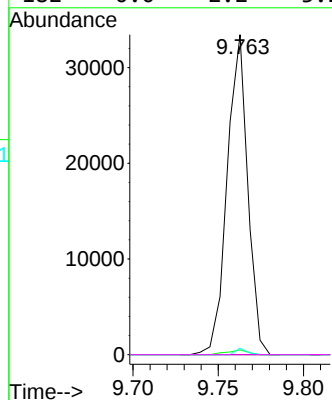
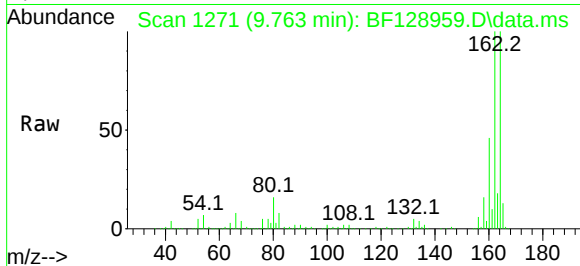




#57
2,4-Dinitrotoluene
Concen: 7.291 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

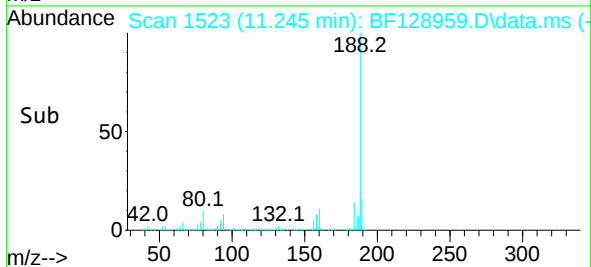
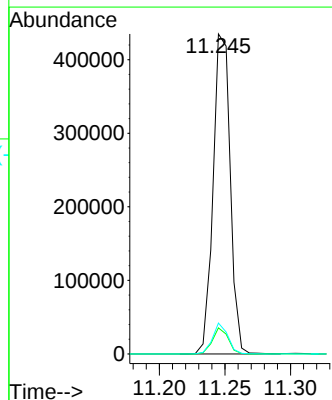
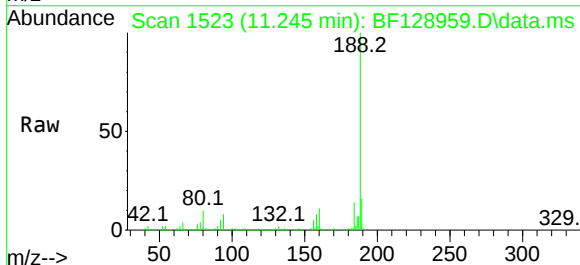
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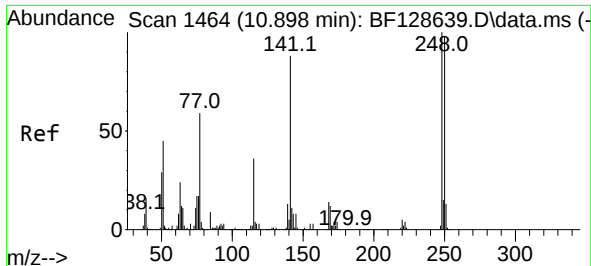
Tgt Ion:165	Resp:	28066
Ion Ratio	Lower	Upper
165	100	
63	1.5	39.8 59.6#
89	2.0	60.2 90.2#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

Tgt Ion:188	Resp:	394794
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.0 10.6
80	9.6	7.6 11.4

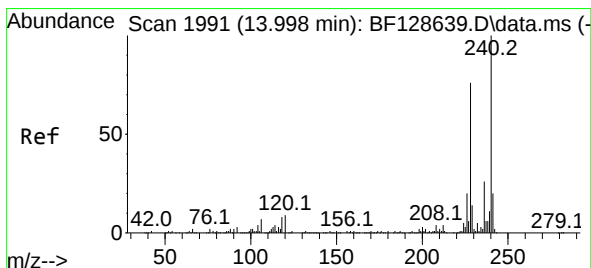
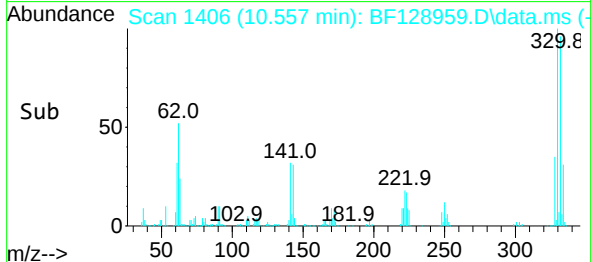
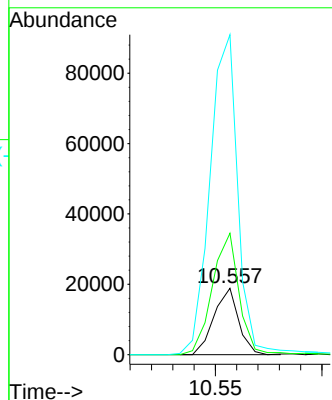
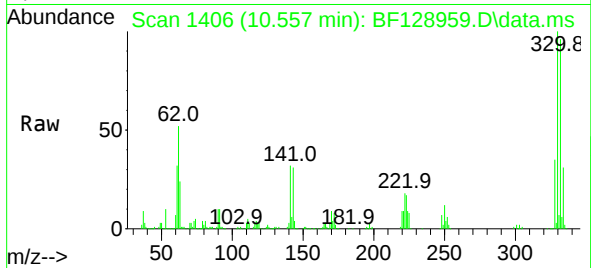




#67
4-Bromophenyl-phenylether
Concen: 3.468 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

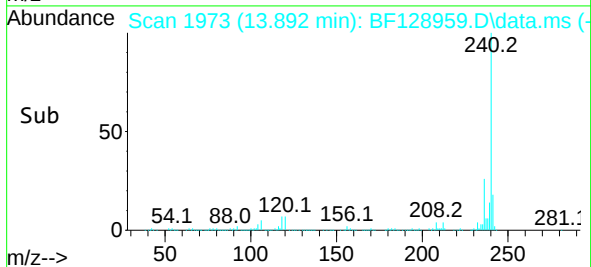
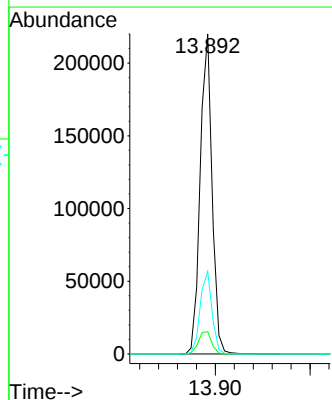
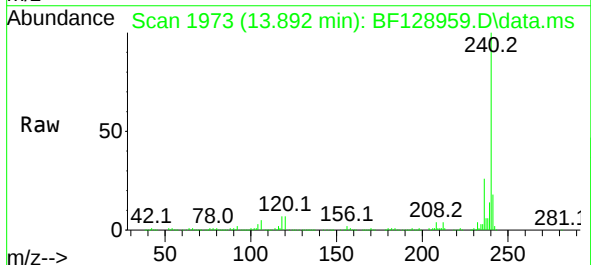
Instrument :
BNA_F
ClientSampleId :
SB-6-18-20-20220622

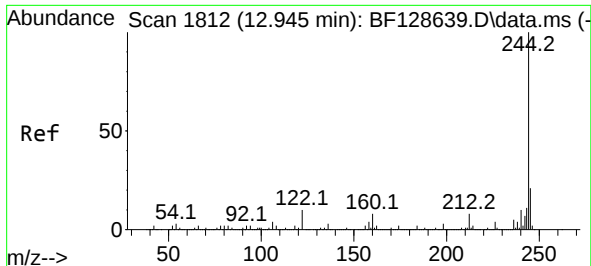
Tgt Ion:248 Resp: 15267
Ion Ratio Lower Upper
248 100
250 183.0 80.6 120.8#
141 481.9 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128959.D
Acq: 23 Jun 2022 18:40

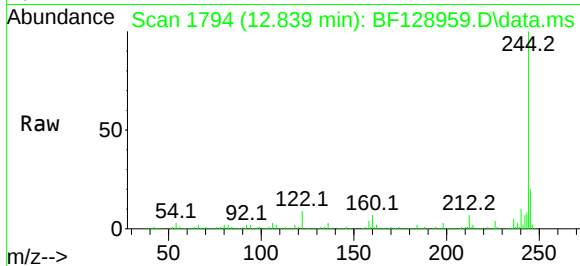
Tgt Ion:240 Resp: 191363
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3#
236 25.8 20.8 31.2



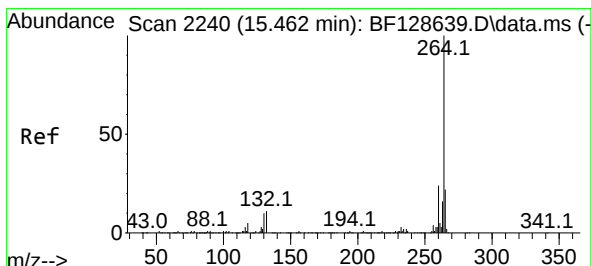
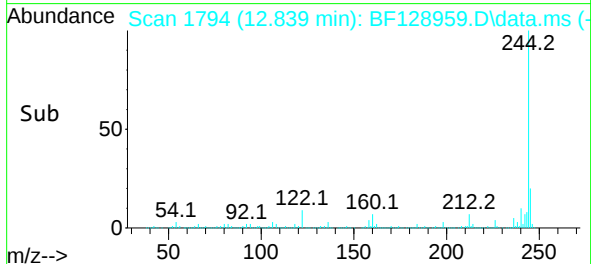
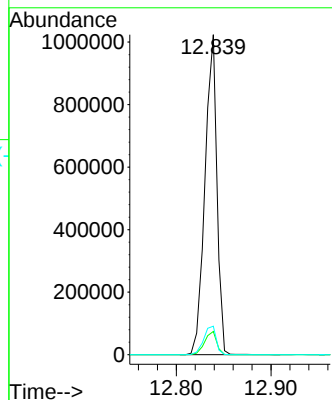


#79
 Terphenyl-d14
 Concen: 81.660 ng
 RT: 12.839 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128959.D
 Acq: 23 Jun 2022 18:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-18-20-20220622



Tgt Ion:244 Resp: 899313
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.327 min Scan# 2217
 Delta R.T. -0.000 min
 Lab File: BF128959.D
 Acq: 23 Jun 2022 18:40

Tgt Ion:264 Resp: 149010
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 20.4 17.2 25.8

