

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128839.D
 Acq On : 16 Jun 2022 15:03
 Operator : CG\JU
 Sample : N3305-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-107-(9-10)

Quant Time: Jun 17 02:19:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

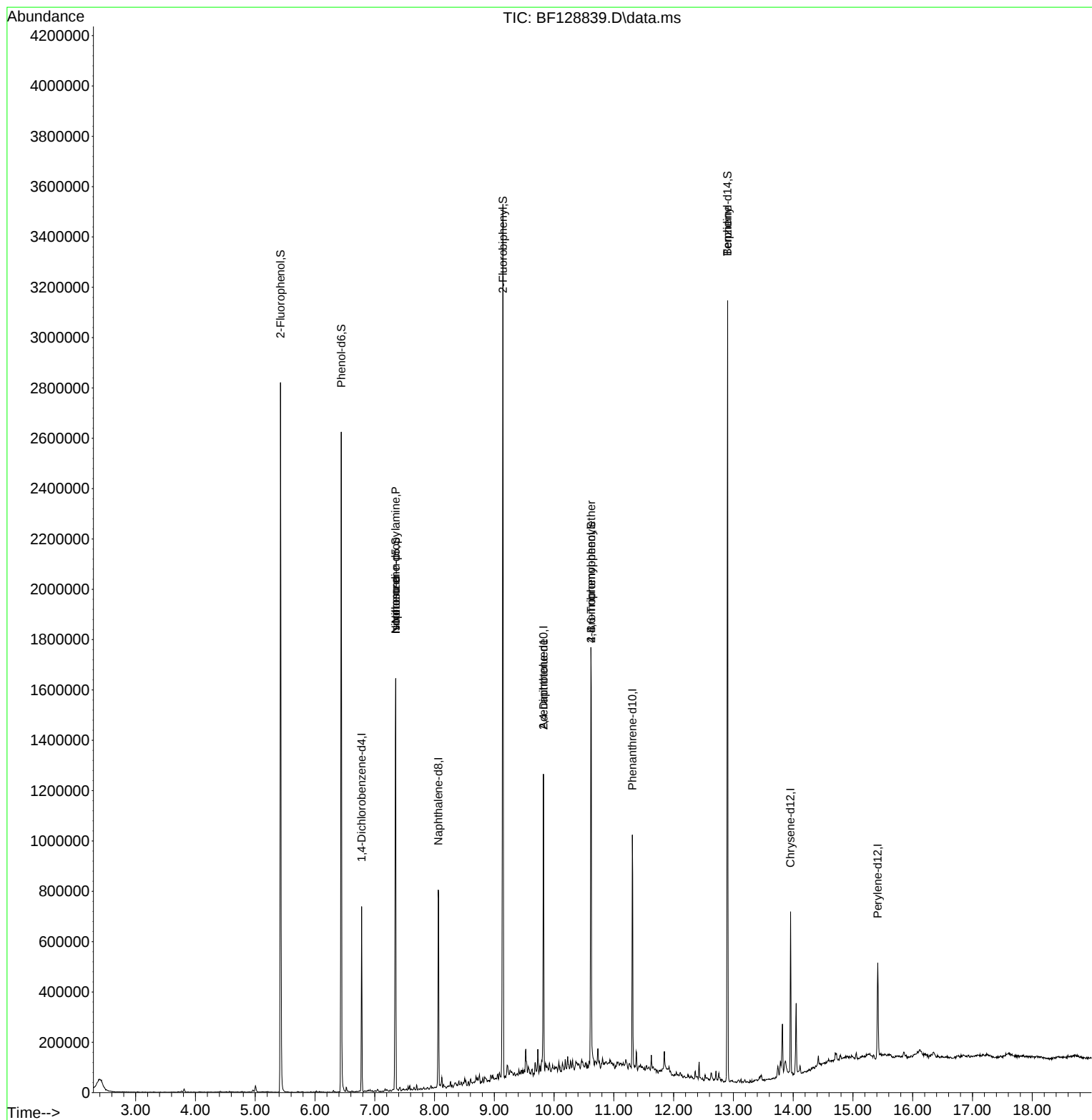
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	87383	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	344296	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	188580	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	333592	20.000	ng	0.00
76) Chrysene-d12	13.957	240	198066	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	162735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	652397	118.920	ng	0.00
7) Phenol-d6	6.439	99	761415	113.701	ng	0.00
23) Nitrobenzene-d5	7.351	82	535673	72.438	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	217871	97.780	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	998593	74.177	ng	0.00
79) Terphenyl-d14	12.904	244	1000062	87.736	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	75379	18.104	ng	# 75
25) Isophorone	7.351	82	535648	47.693	ng	# 65
57) 2,4-Dinitrotoluene	9.822	165	25241	7.424	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	13948	3.749	ng	# 1
77) Benzidine	12.904	184	14208	3.598	ng	96

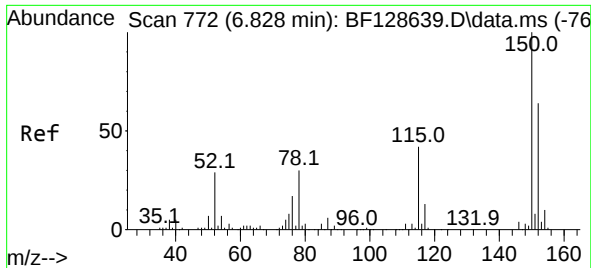
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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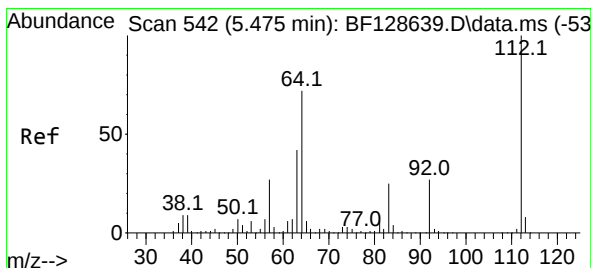
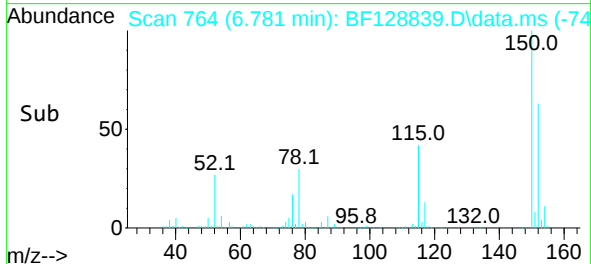
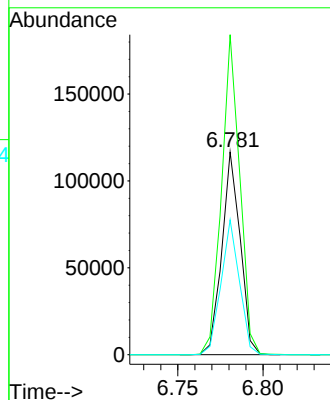
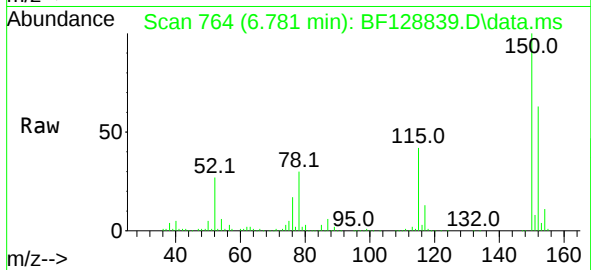




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

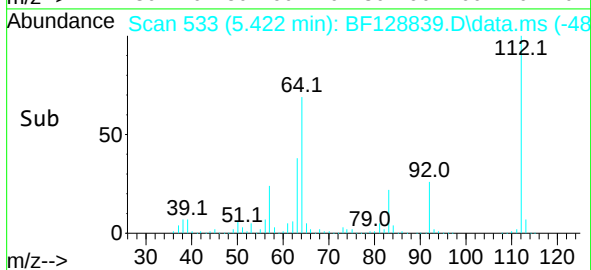
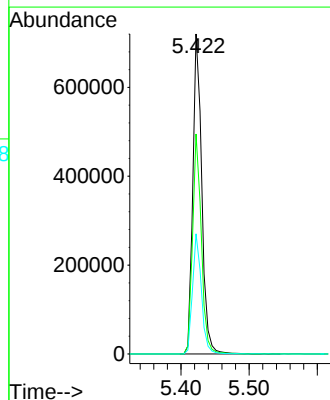
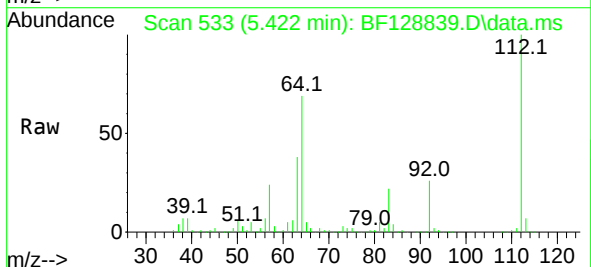
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)

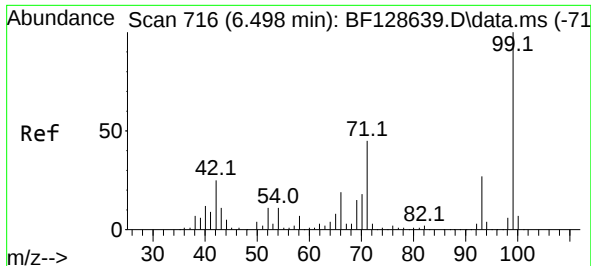
Tgt Ion:152 Resp: 87383
Ion Ratio Lower Upper
152 100
150 157.9 123.7 185.5
115 66.6 49.9 74.9



#5
2-Fluorophenol
Concen: 118.920 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

Tgt Ion:112 Resp: 652397
Ion Ratio Lower Upper
112 100
64 68.7 53.3 79.9
63 37.6 28.0 42.0

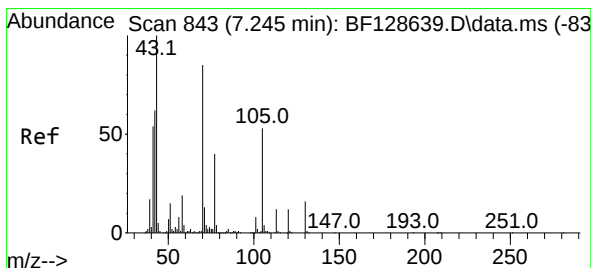
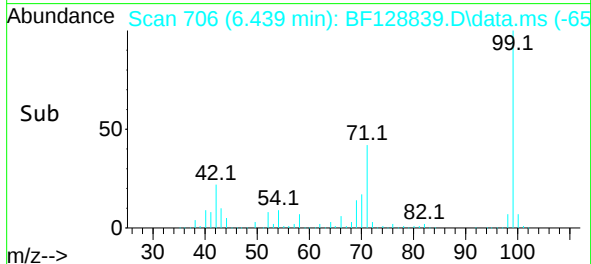
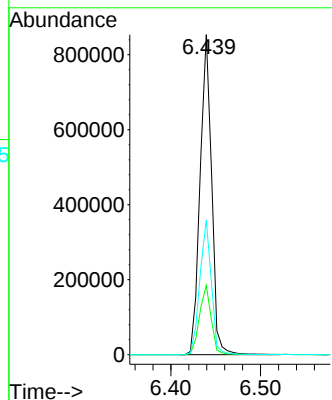
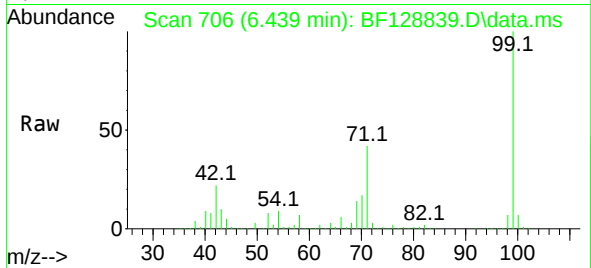




#7
Phenol-d6
Concen: 113.701 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

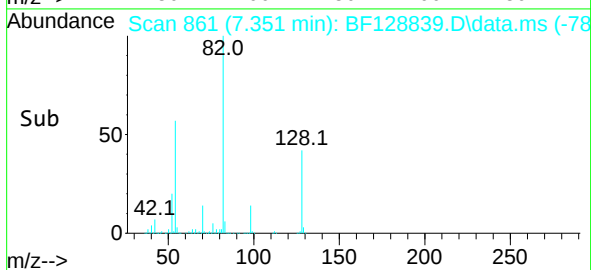
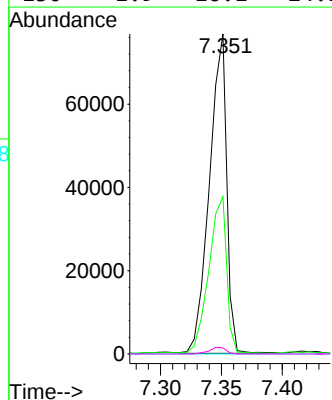
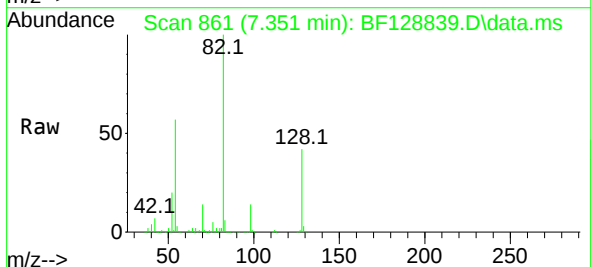
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)

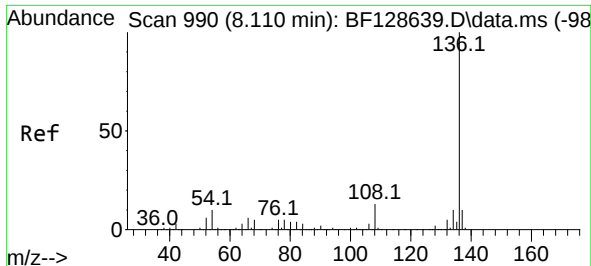
Tgt Ion: 99 Resp: 761415
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 42.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.104 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.147 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

Tgt Ion: 70 Resp: 75379
Ion Ratio Lower Upper
70 100
42 49.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

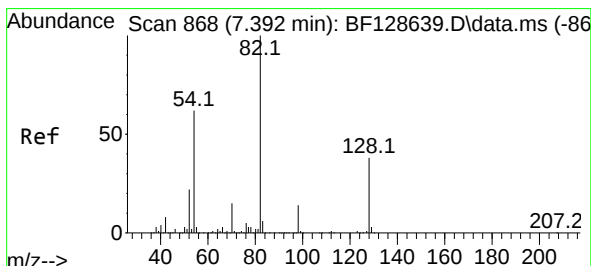
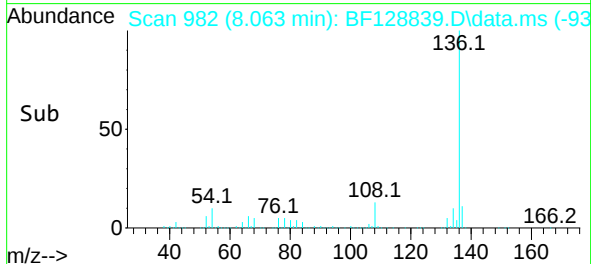
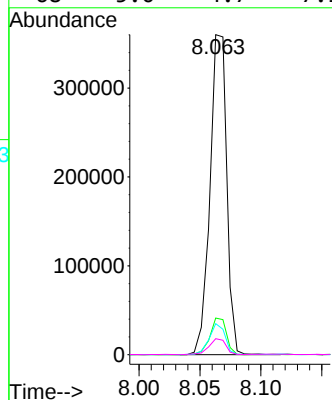
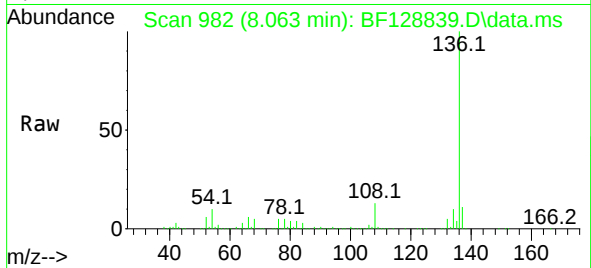




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

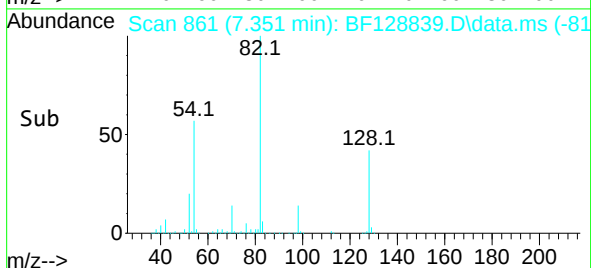
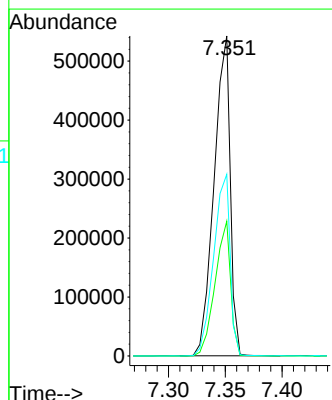
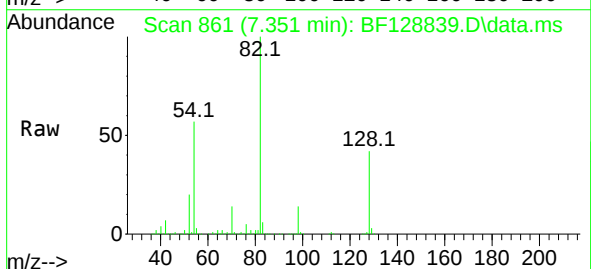
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)

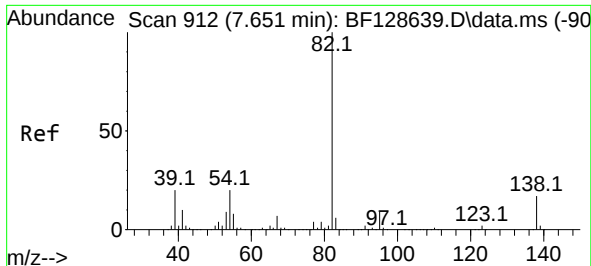
Tgt Ion:136 Resp: 344296
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 9.7 7.5 11.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.438 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

Tgt Ion: 82 Resp: 535673
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 56.8 46.9 70.3

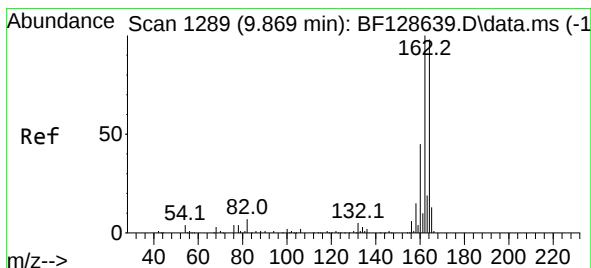
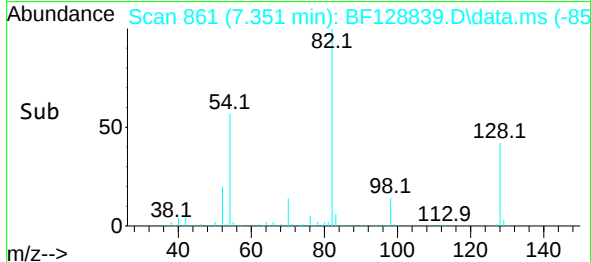
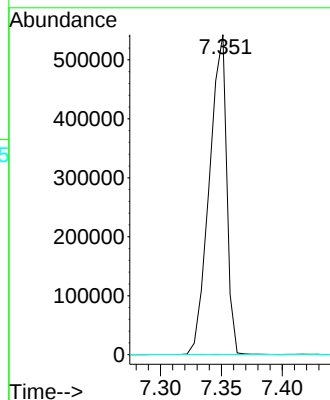
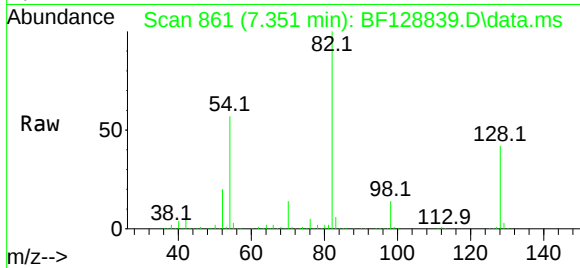




#25
Isophorone
Concen: 47.693 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

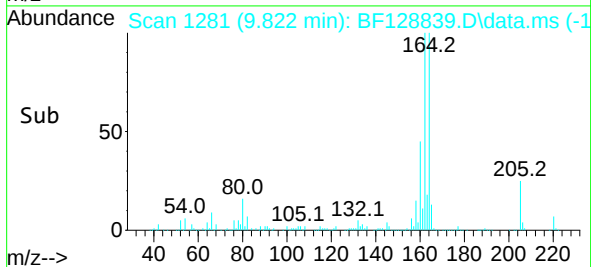
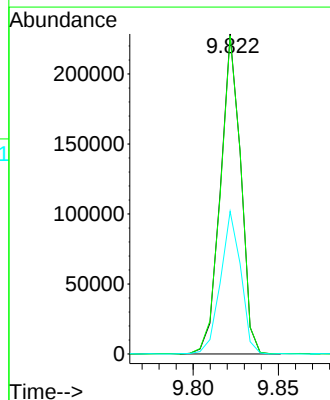
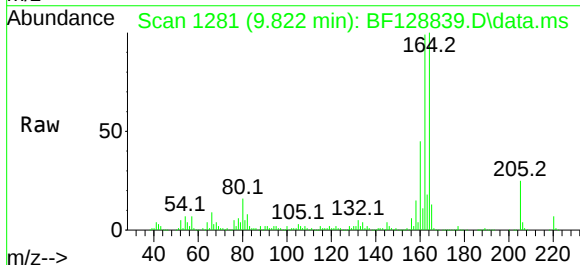
Instrument :
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ClientSampleId :
B-107-(9-10)

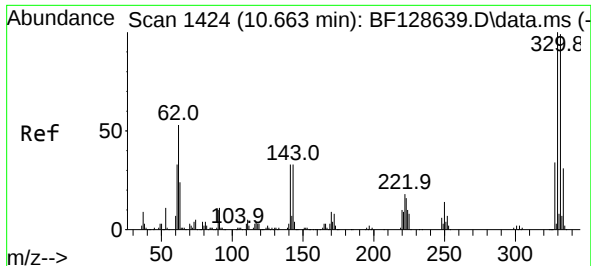
Tgt Ion: 82 Resp: 535648
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

Tgt Ion:164 Resp: 188580
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 44.6 34.2 51.4

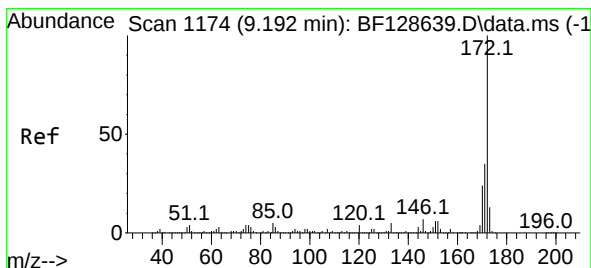
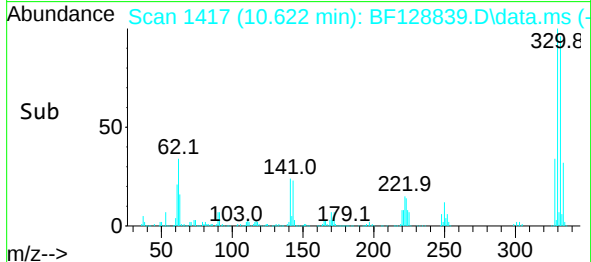
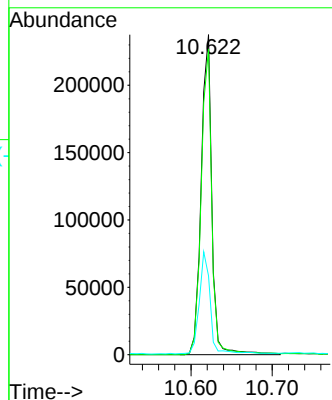
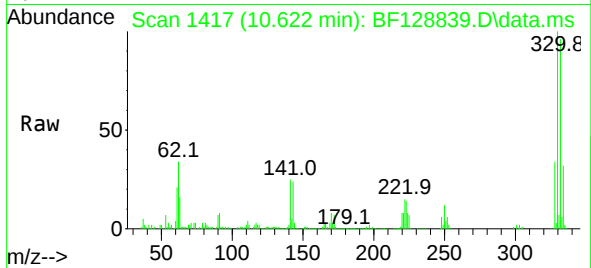




#42
2,4,6-Tribromophenol
Concen: 97.780 ng
RT: 10.622 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

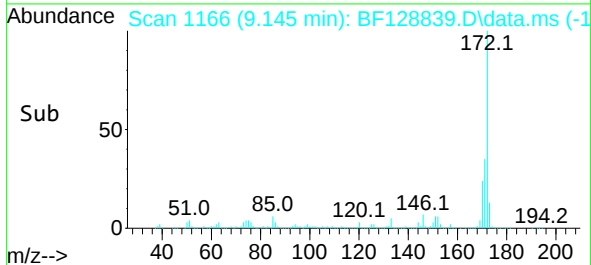
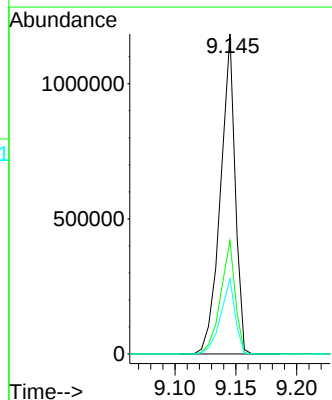
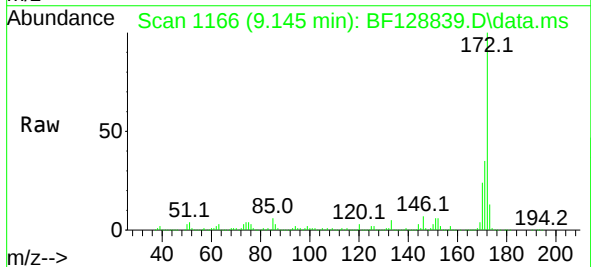
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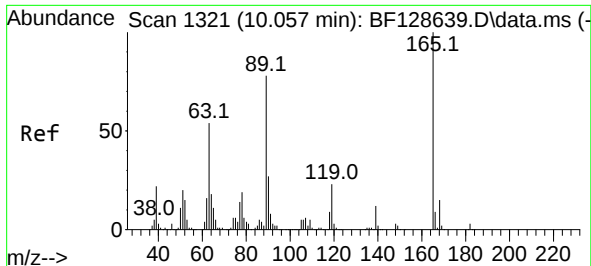
Tgt Ion: 330 Resp: 217871
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 32.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 74.177 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

Tgt Ion: 172 Resp: 998593
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.5 19.8 29.8

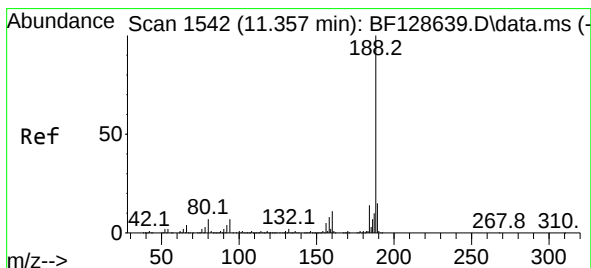
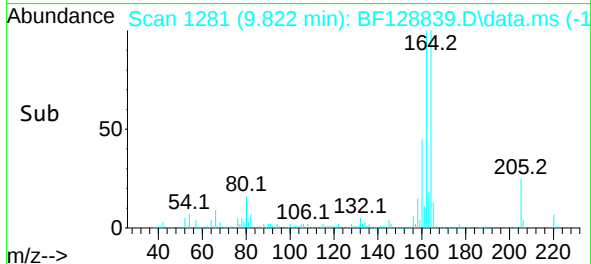
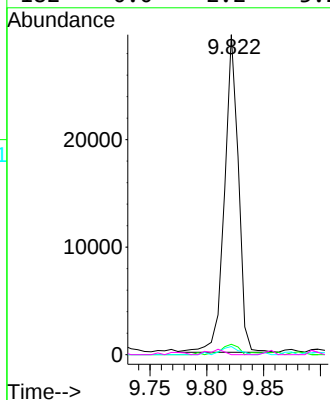
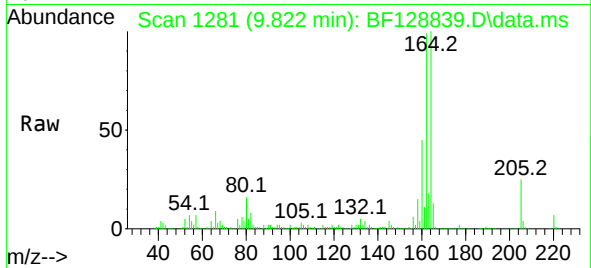




#57
2,4-Dinitrotoluene
Concen: 7.424 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

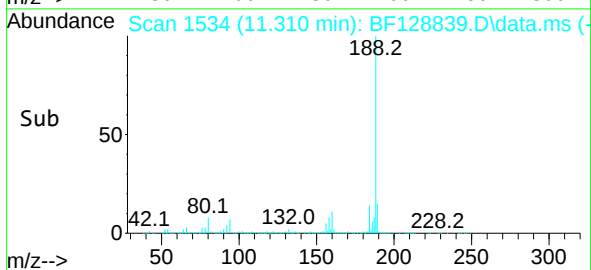
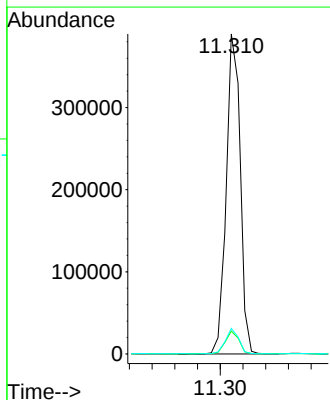
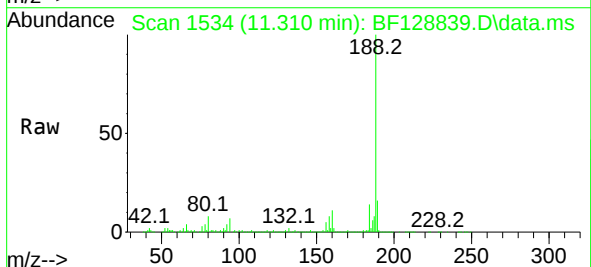
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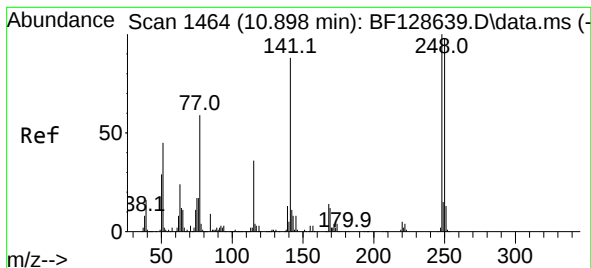
Tgt Ion:165 Resp: 25241
Ion Ratio Lower Upper
165 100
63 3.3 39.8 59.6#
89 2.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

Tgt Ion:188 Resp: 333592
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 8.0 7.6 11.4

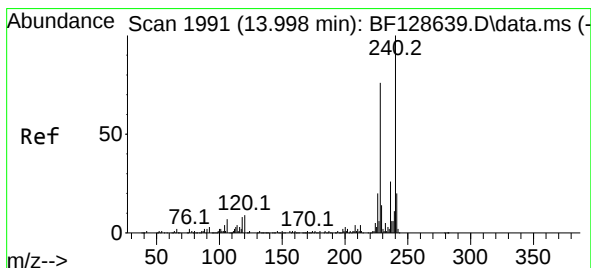
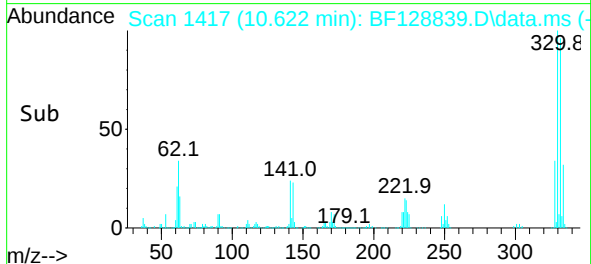
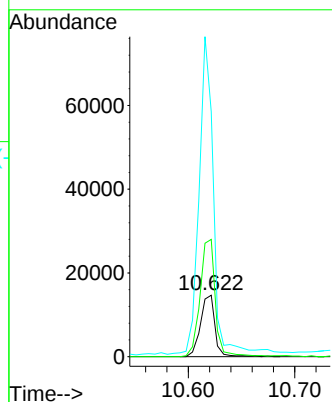
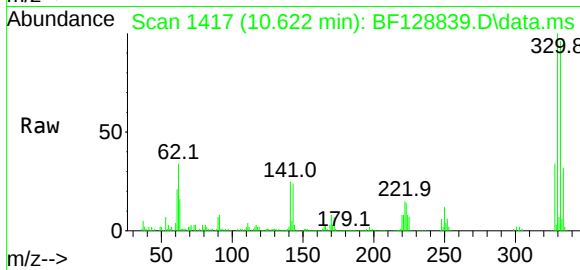




#67
4-Bromophenyl-phenylether
Concen: 3.749 ng
RT: 10.622 min Scan# 1464
Delta R.T. -0.235 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

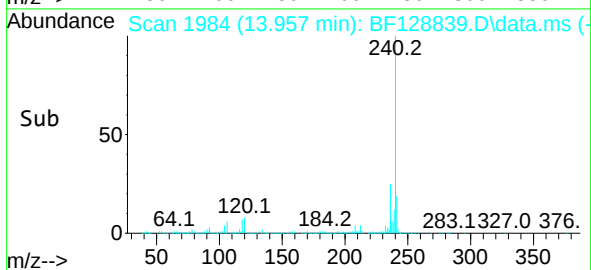
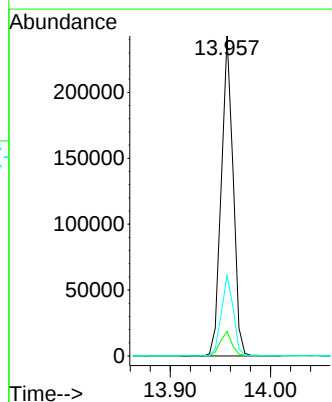
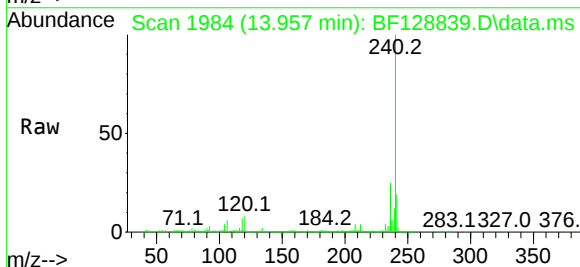
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)

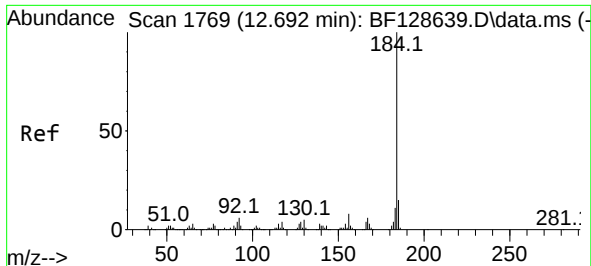
Tgt Ion:248 Resp: 13948
Ion Ratio Lower Upper
248 100
250 191.0 80.6 120.8#
141 398.7 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

Tgt Ion:240 Resp: 198066
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 25.2 20.8 31.2

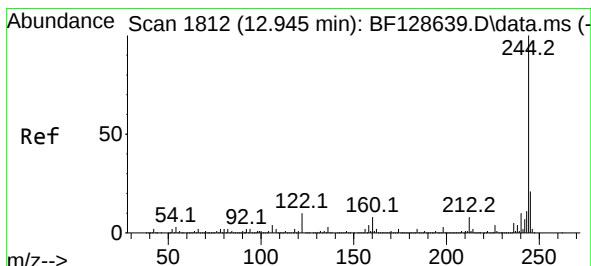
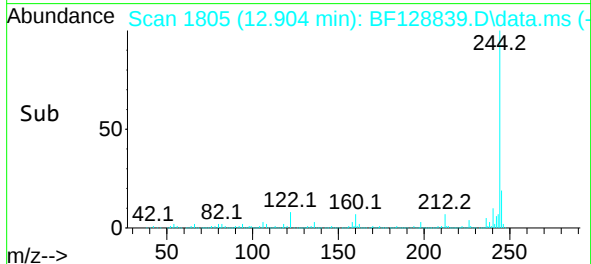
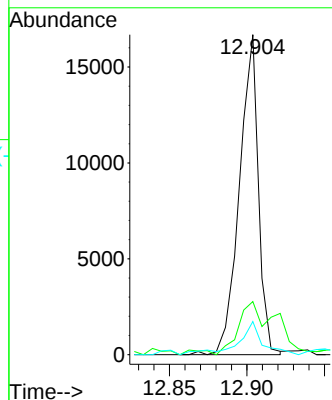
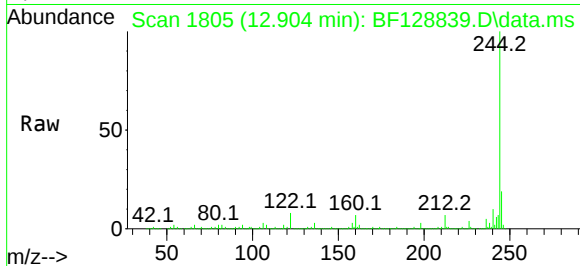




#77
Benzidine
Concen: 3.598 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.253 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

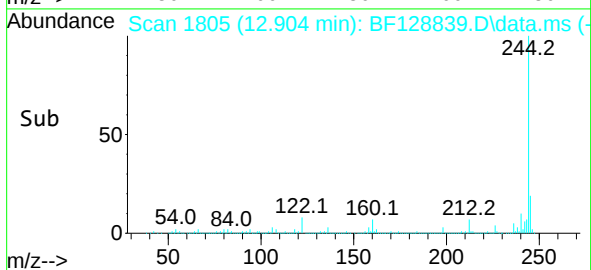
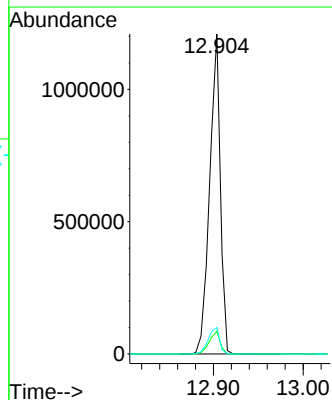
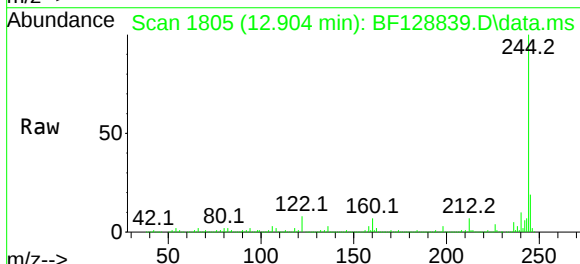
Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)

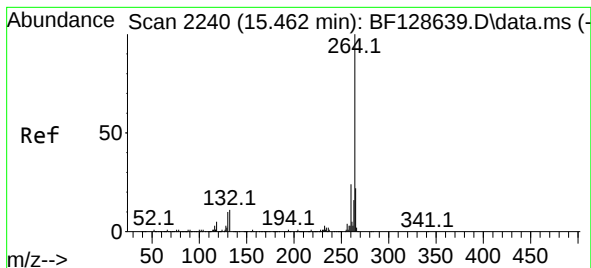
Tgt Ion:184 Resp: 14208
Ion Ratio Lower Upper
184 100
185 16.6 11.9 17.9
183 10.3 9.3 13.9



#79
Terphenyl-d14
Concen: 87.736 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF128839.D
Acq: 16 Jun 2022 15:03

Tgt Ion:244 Resp: 1000062
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 8.3 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128839.D
 Acq: 16 Jun 2022 15:03

Instrument :
 BNA_F
 ClientSampleId :
 B-107-(9-10)

Tgt Ion:264 Resp: 162735
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.4 27.6
 265 22.3 17.2 25.8

