

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128150.D
 Acq On : 09 May 2022 15:44
 Operator : CG\JU
 Sample : PB144609TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144609TB

Quant Time: May 09 17:11:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

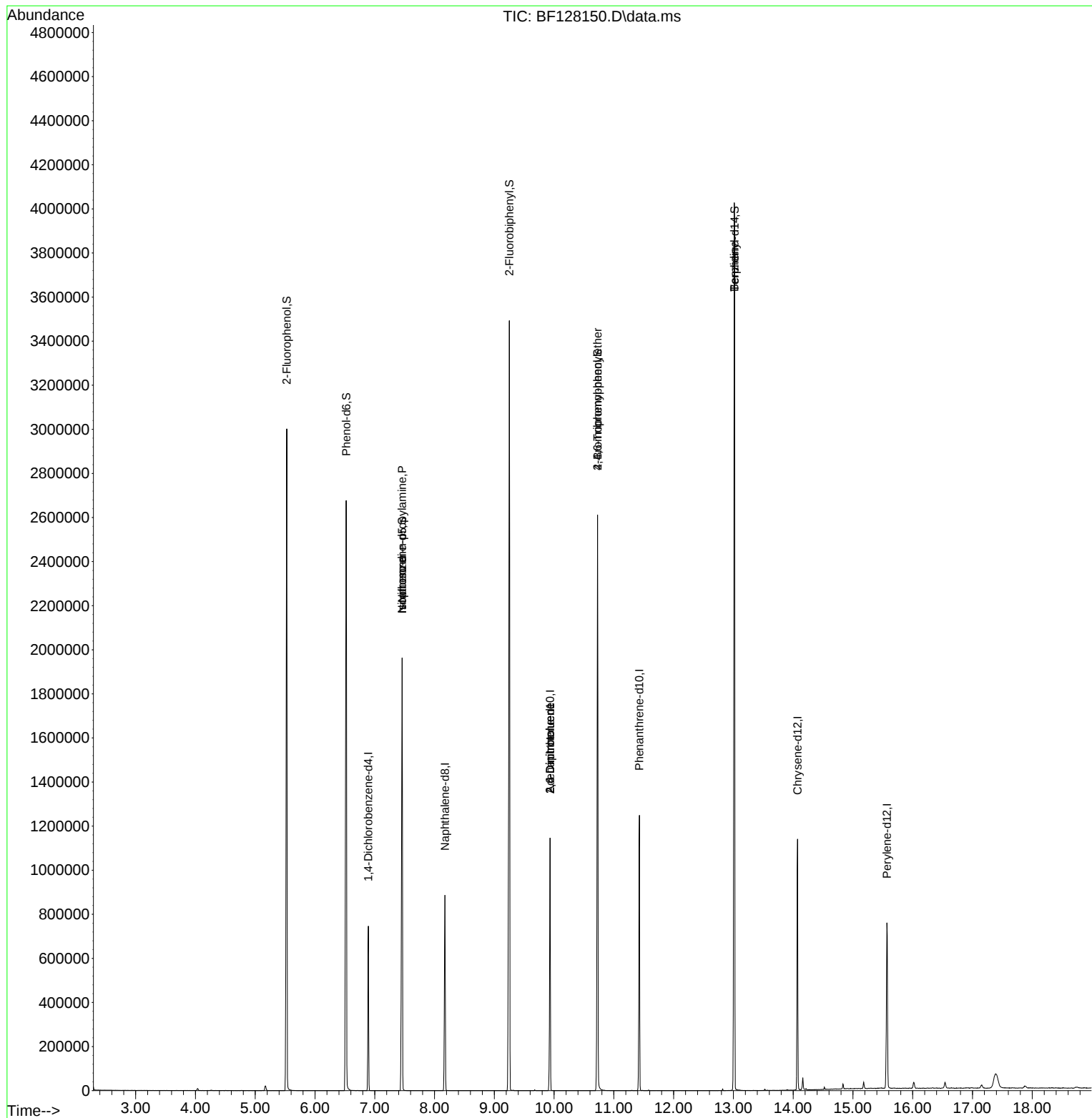
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	102876	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	413826	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	241786	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	457607	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	396876	20.000	ng	0.00
86) Perylene-d12	15.568	264	346588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	804099	124.601	ng	0.01
7) Phenol-d6	6.522	99	1066200	124.912	ng	0.00
23) Nitrobenzene-d5	7.457	82	774397	84.203	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	340036	122.624	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1290753	83.530	ng	0.00
79) Terphenyl-d14	13.021	244	1664343	78.690	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.528	77	1801	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	105152	20.004	ng	# 79
25) Isophorone	7.457	82	773821	53.669	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	31393	9.172	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	31393	6.859	ng	# 25
67) 4-Bromophenyl-phenylether	10.727	248	20081	4.079	ng	# 1
77) Benzydine	13.015	184	23500	2.734	ng	# 90

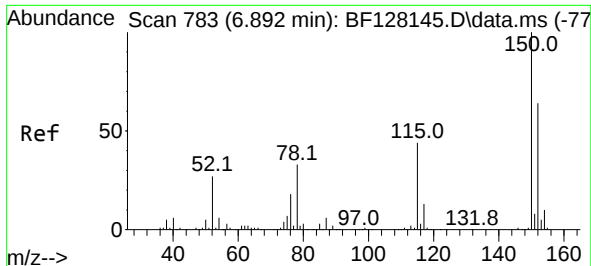
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
Data File : BF128150.D
Acq On : 09 May 2022 15:44
Operator : CG\JU
Sample : PB144609TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB144609TB

Quant Time: May 09 17:11:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

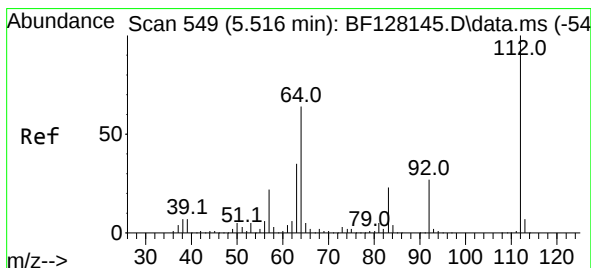
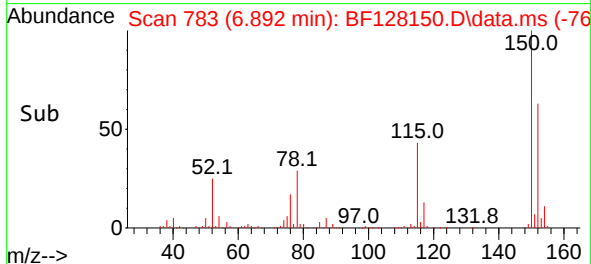
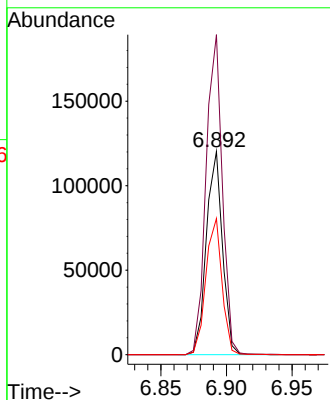
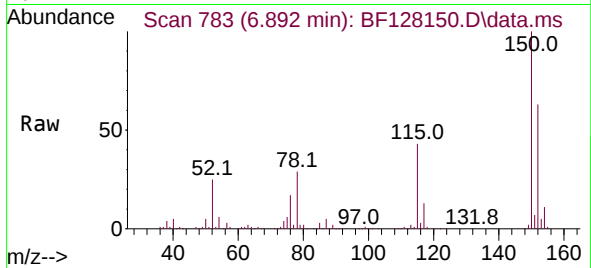




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

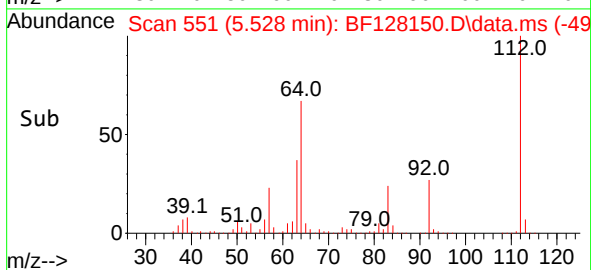
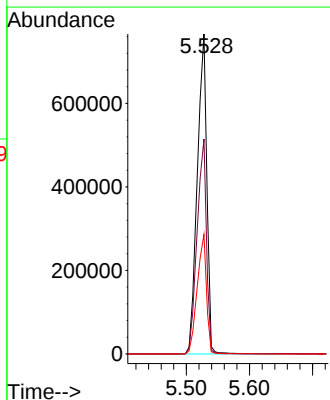
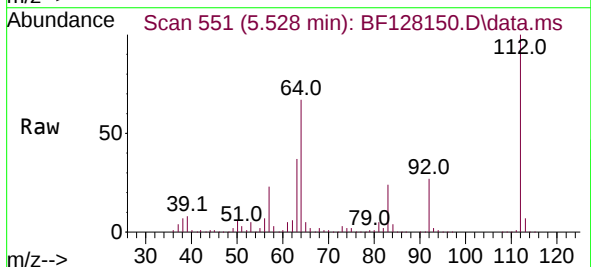
Instrument :
BNA_F
ClientSampleId :
PB144609TB

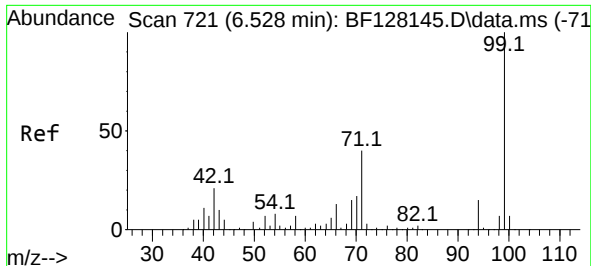
Tgt Ion:152 Resp: 102876
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 67.1 48.8 73.2



#5
2-Fluorophenol
Concen: 124.601 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Tgt Ion:112 Resp: 804099
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 37.4 26.3 39.5

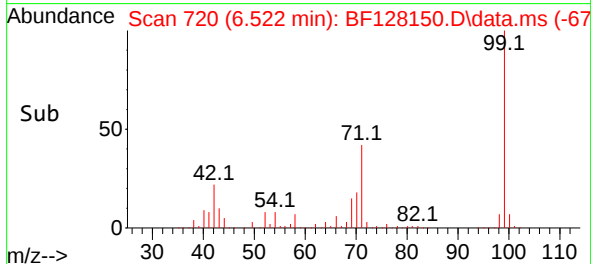
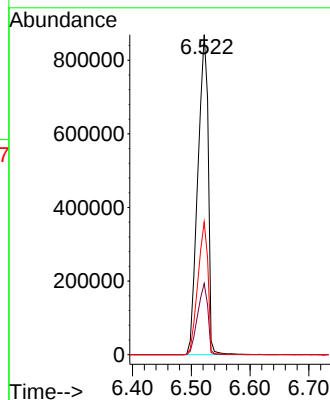
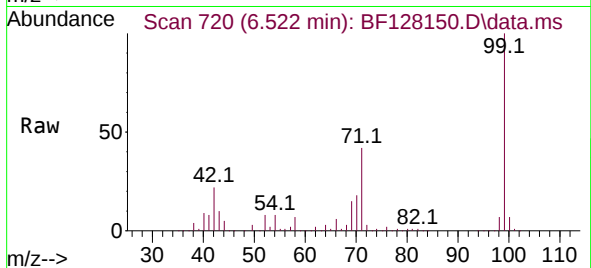




#7
Phenol-d6
Concen: 124.912 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

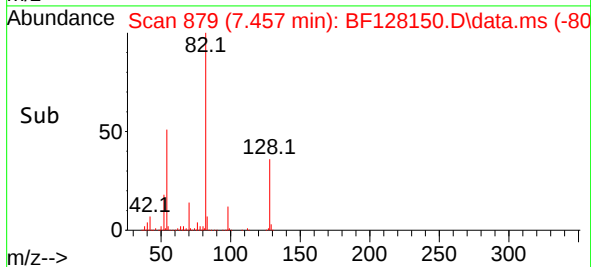
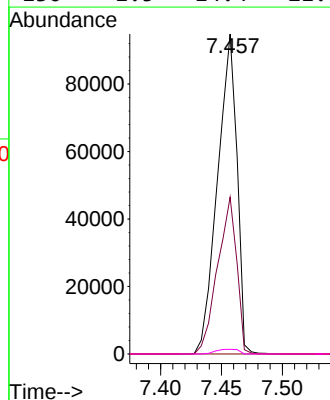
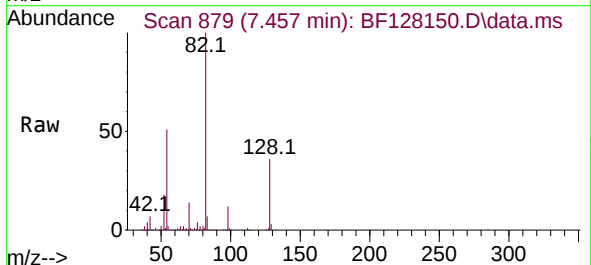
Instrument :
BNA_F
ClientSampleId :
PB144609TB

Tgt Ion: 99 Resp: 1066200
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 41.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.004 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Tgt Ion: 70 Resp: 105152
Ion Ratio Lower Upper
70 100
42 49.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#



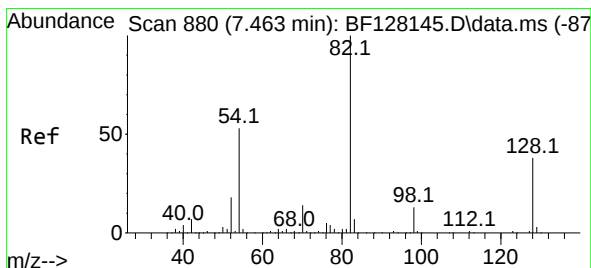
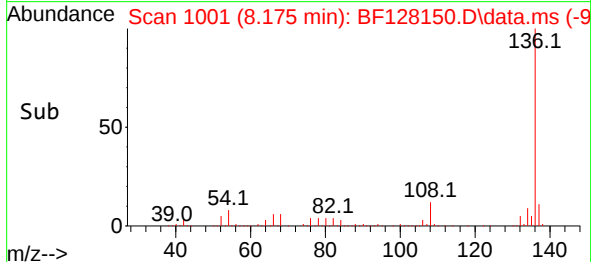
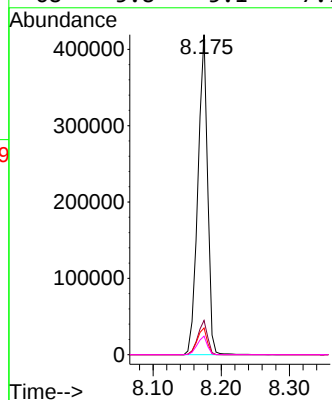
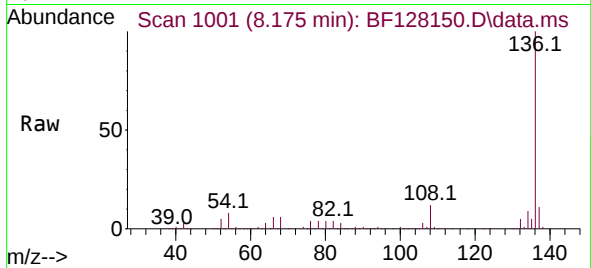


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Instrument :
BNA_F
ClientSampleId :
PB144609TB

Tgt Ion:136 Resp: 413826

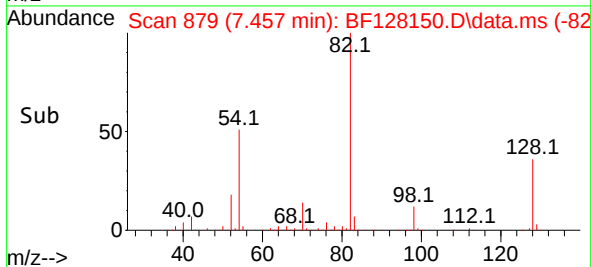
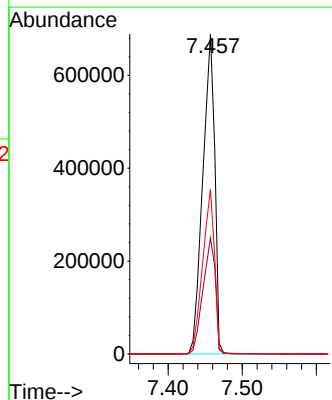
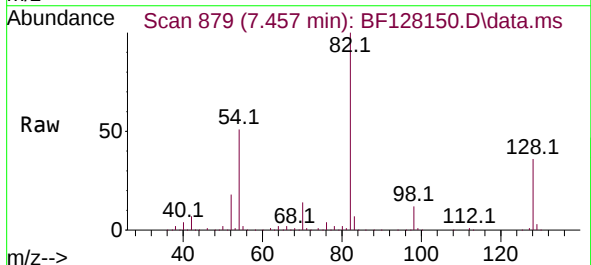
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	6.8	10.2
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 84.203 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Tgt Ion: 82 Resp: 774397

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	51.5	41.3	61.9

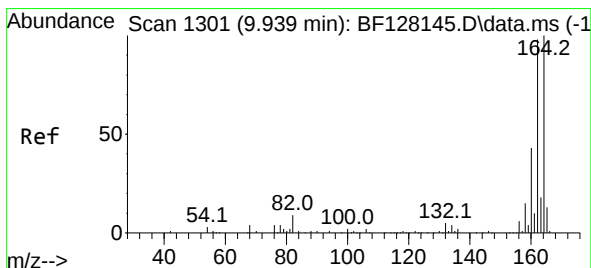
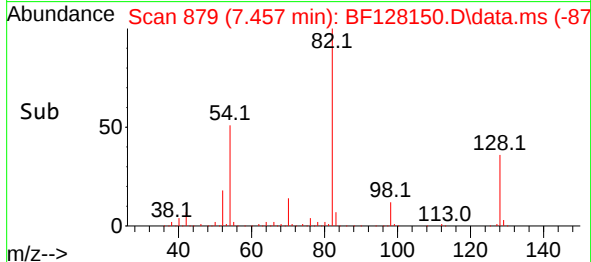
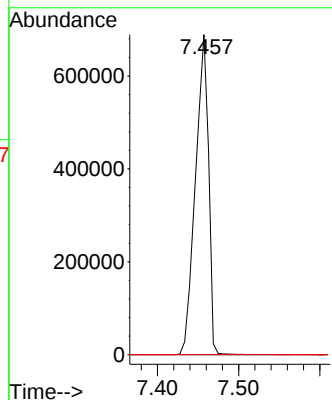
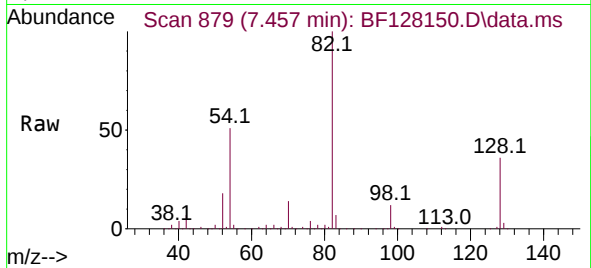




#25
Isophorone
Concen: 53.669 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

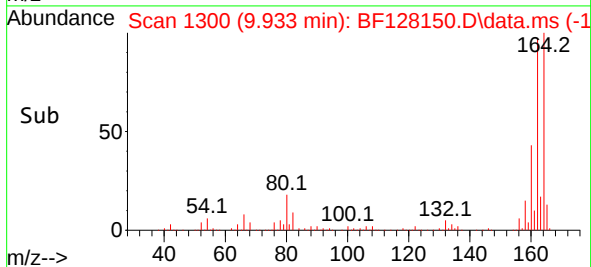
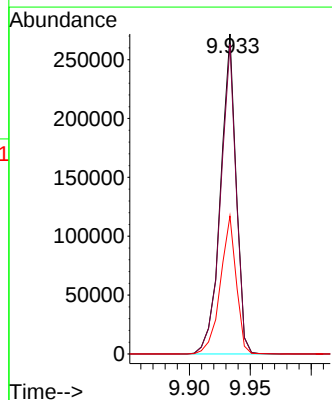
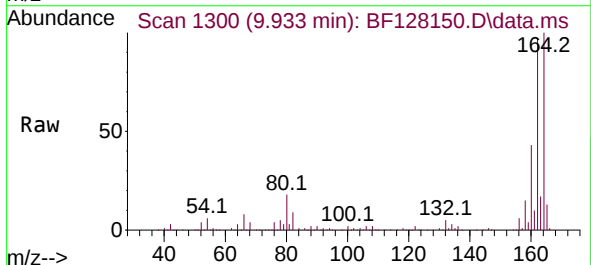
Instrument :
BNA_F
ClientSampleId :
PB144609TB

Tgt Ion: 82 Resp: 773821
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

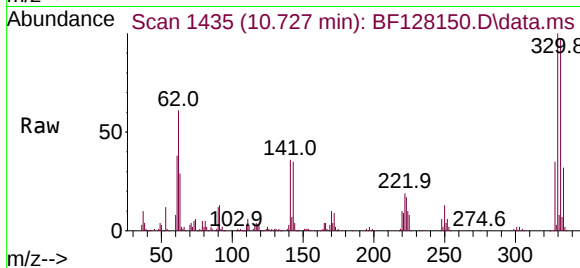
Tgt Ion:164 Resp: 241786
Ion Ratio Lower Upper
164 100
162 96.7 76.0 114.0
160 43.1 34.8 52.2



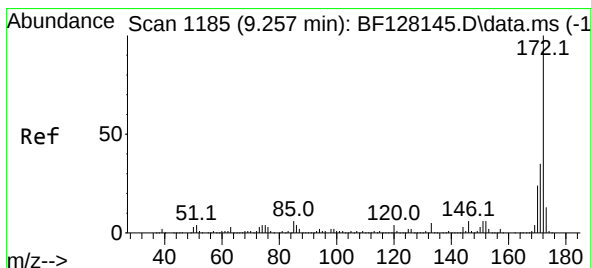
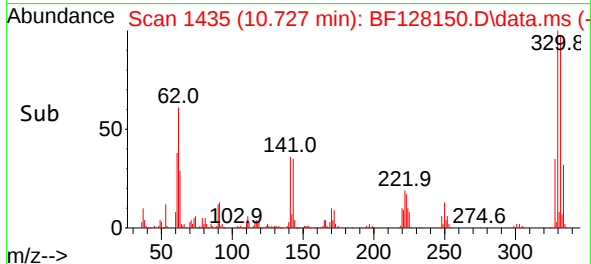
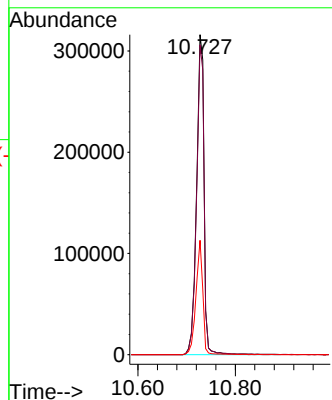


#42
2,4,6-Tribromophenol
Concen: 122.624 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Instrument :
BNA_F
ClientSampleId :
PB144609TB

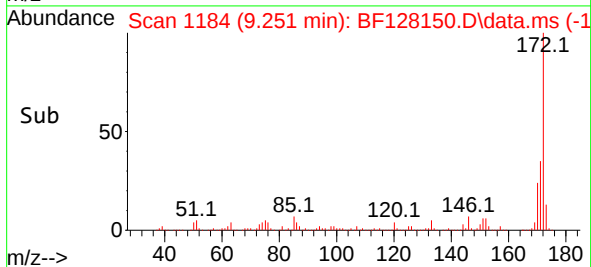
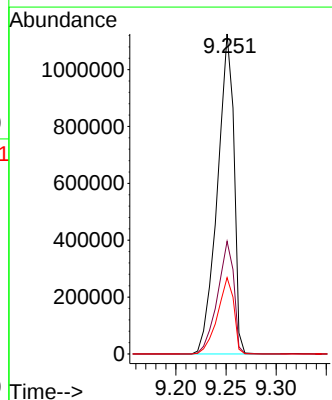
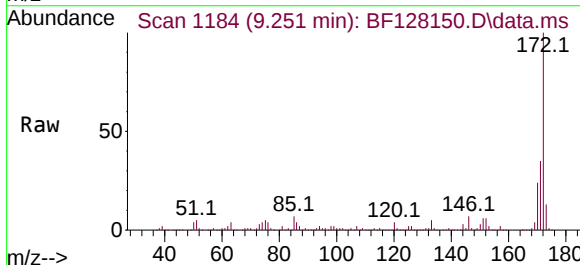


Tgt Ion:330 Resp: 340036
Ion Ratio Lower Upper
330 100
332 97.0 79.0 118.4
141 32.7 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 83.530 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Tgt Ion:172 Resp: 1290753
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.9 19.1 28.7

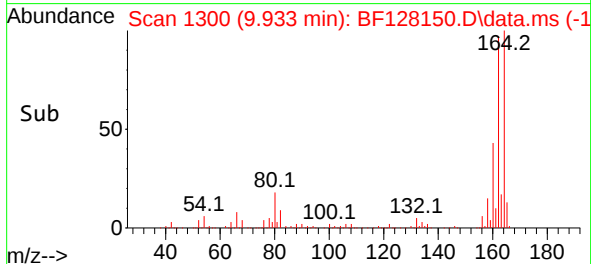
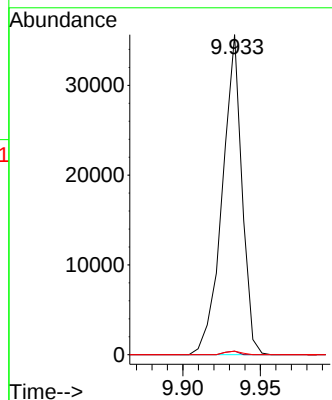
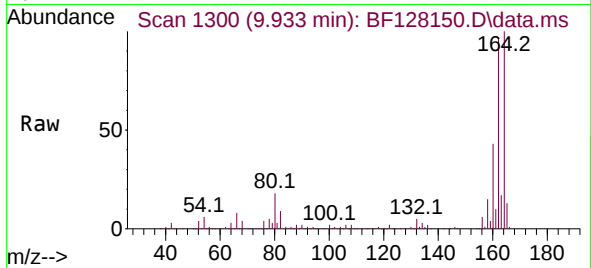




#51
2,6-Dinitrotoluene
Concen: 9.172 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

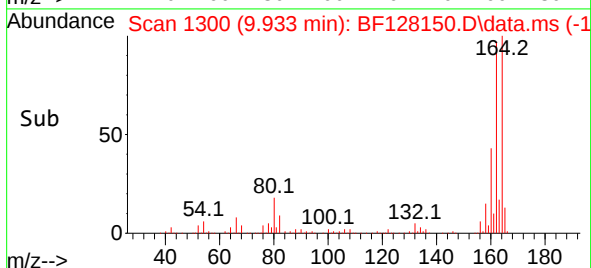
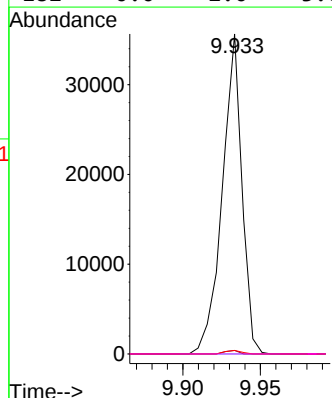
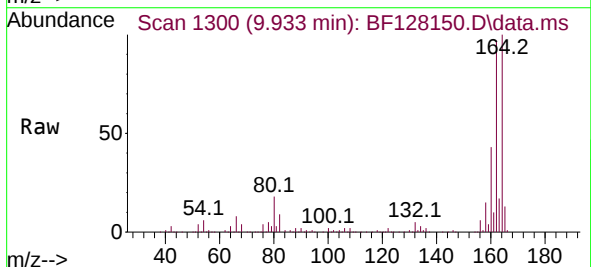
Instrument :
BNA_F
ClientSampleId :
PB144609TB

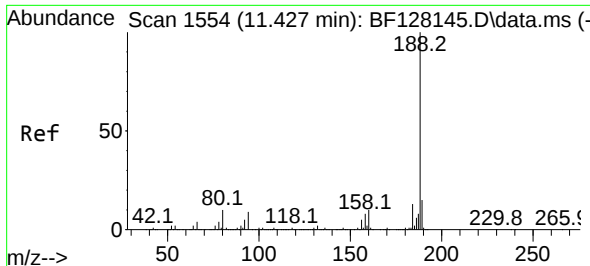
Tgt Ion:165 Resp: 31393
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.859 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Tgt Ion:165 Resp: 31393
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

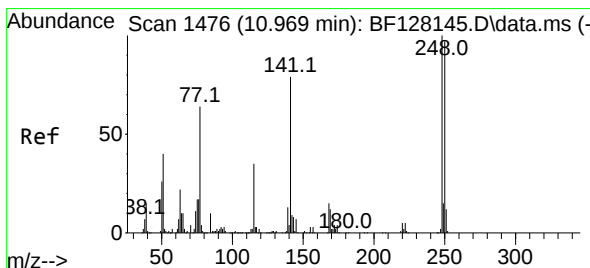
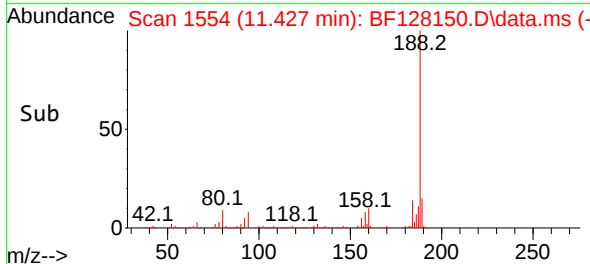
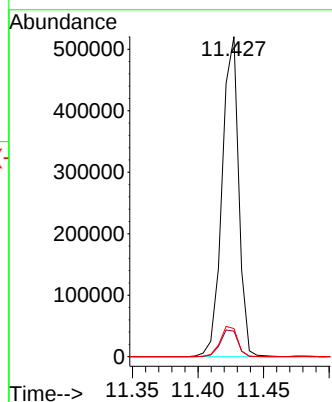
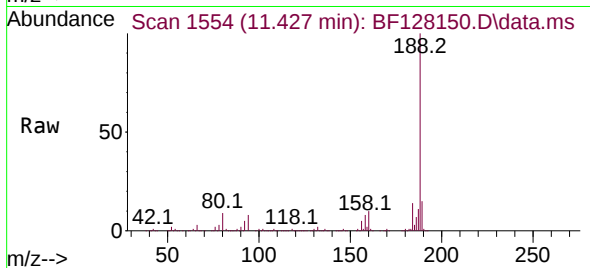




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

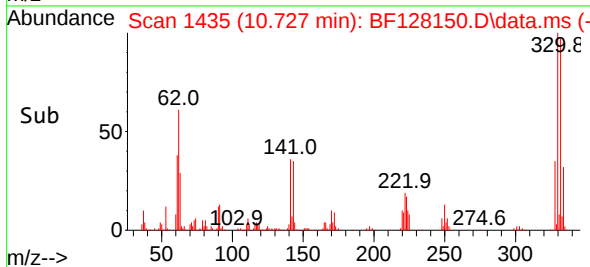
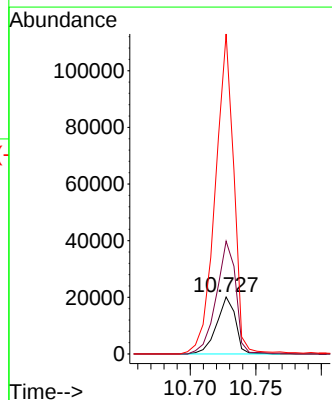
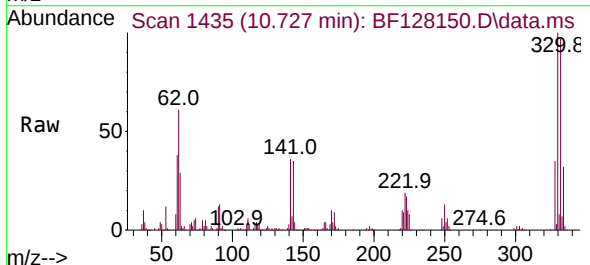
Instrument :
BNA_F
ClientSampleId :
PB144609TB

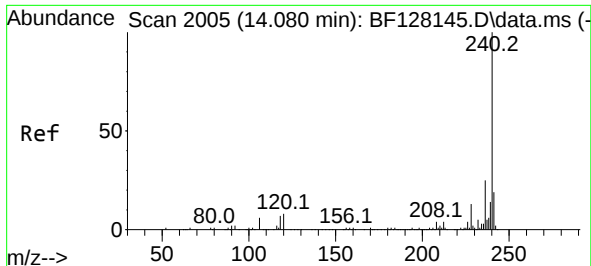
Tgt Ion:188 Resp: 457607
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0#
80 8.8 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 4.079 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Tgt Ion:248 Resp: 20081
Ion Ratio Lower Upper
248 100
250 197.8 77.7 116.5#
141 561.3 65.6 98.4#

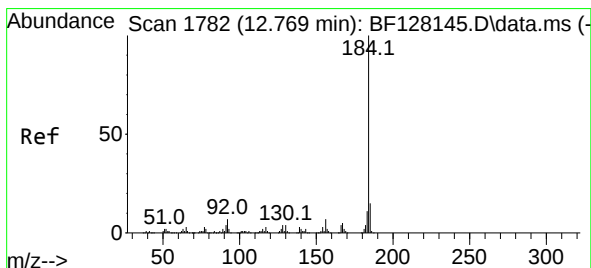
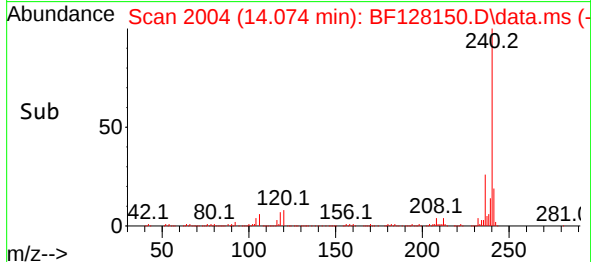
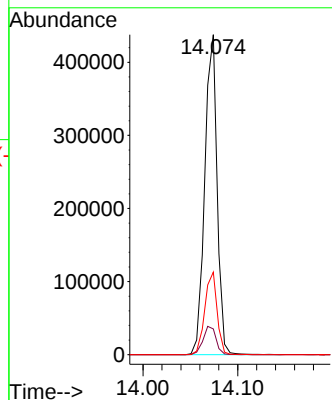
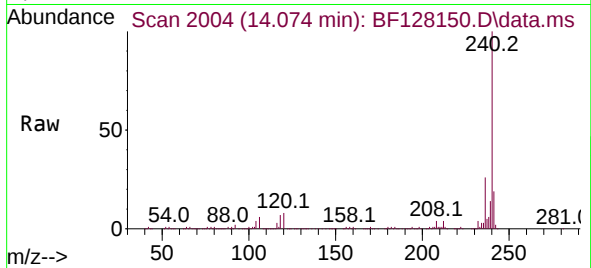




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

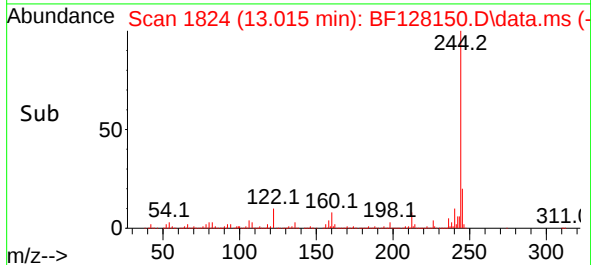
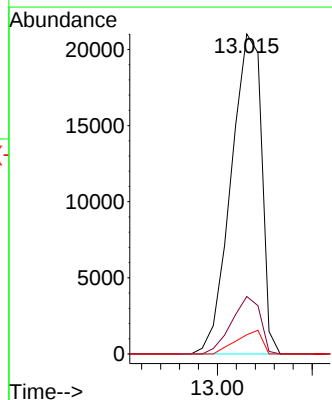
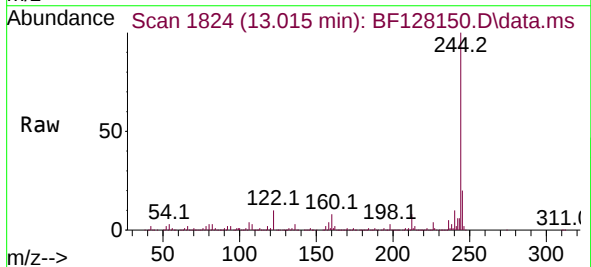
Instrument :
BNA_F
ClientSampleId :
PB144609TB

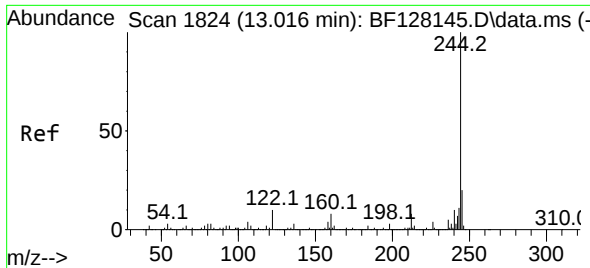
Tgt Ion:240 Resp: 396876
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.8 20.3 30.5



#77
Benzidine
Concen: 2.734 ng
RT: 13.015 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128150.D
Acq: 09 May 2022 15:44

Tgt Ion:184 Resp: 23500
Ion Ratio Lower Upper
184 100
185 17.9 12.1 18.1
183 6.0 9.0 13.4#

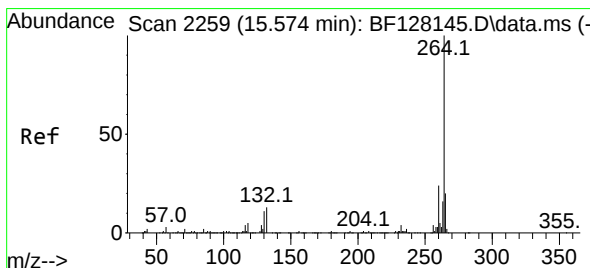
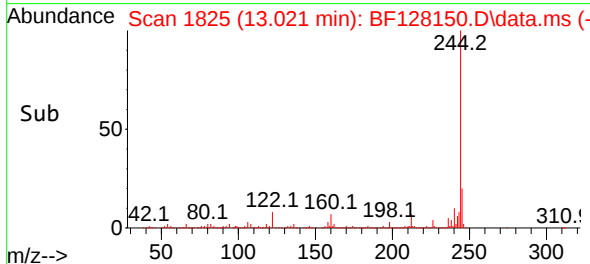
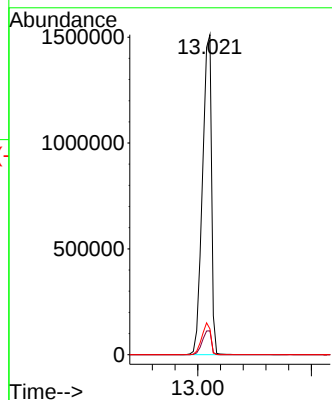
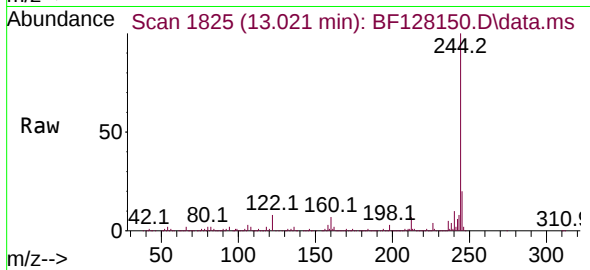




#79
 Terphenyl-d14
 Concen: 78.690 ng
 RT: 13.021 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF128150.D
 Acq: 09 May 2022 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB144609TB

Tgt Ion:244 Resp: 1664343
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.1 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128150.D
 Acq: 09 May 2022 15:44

Tgt Ion:264 Resp: 346588
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.7 17.5 26.3

