

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128237.D
 Acq On : 13 May 2022 13:48
 Operator : CG\JU
 Sample : PB144757BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144757BL

Quant Time: May 14 00:55:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

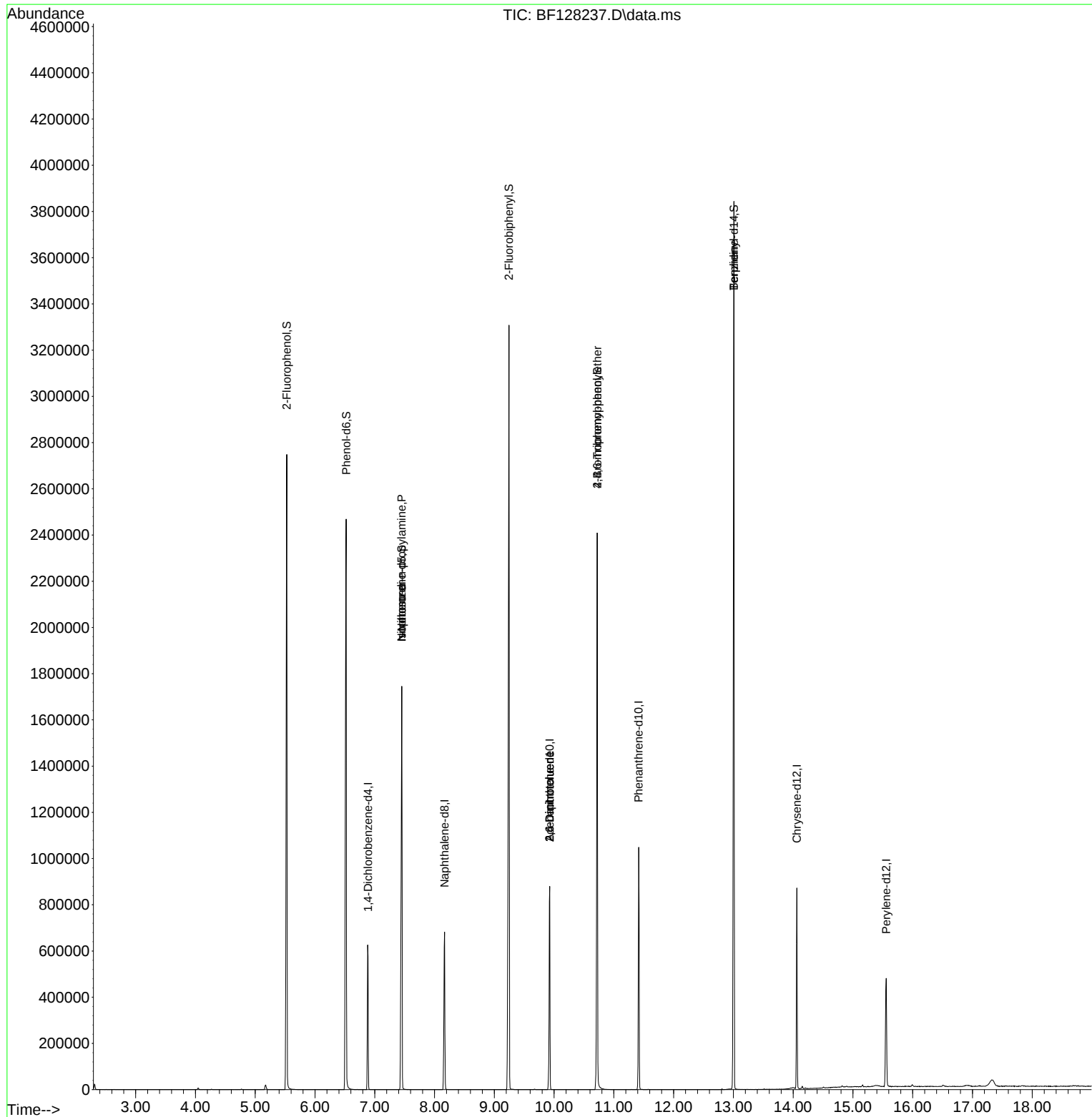
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	90406	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	352660	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	201252	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	380167	20.000	ng	0.00
76) Chrysene-d12	14.063	240	284041	20.000	ng	0.00
86) Perylene-d12	15.557	264	218347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	725890	127.997	ng	0.02
7) Phenol-d6	6.522	99	949800	126.623	ng	0.00
23) Nitrobenzene-d5	7.451	82	695692	88.765	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	296785	128.583	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1153692	89.697	ng	0.00
79) Terphenyl-d14	13.010	244	1396704	92.268	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1791	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.451	70	96091	20.802	ng	# 80
25) Isophorone	7.451	82	692367	56.348	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	26503	9.303	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	26503	6.957	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	17942	4.387	ng	# 1
77) Benzydine	13.010	184	20265	3.294	ng	# 95

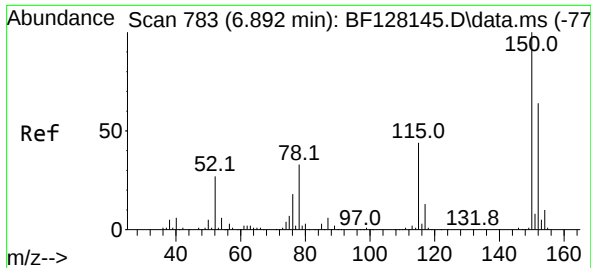
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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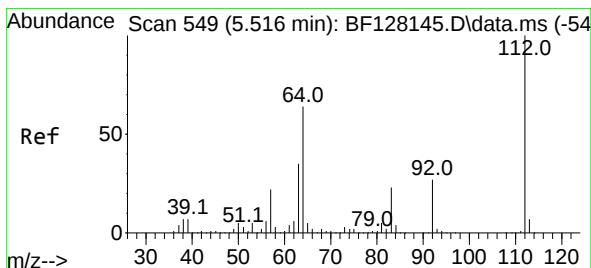
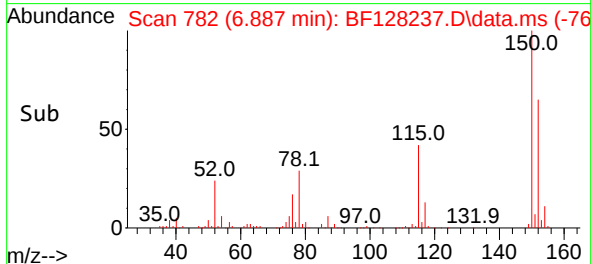
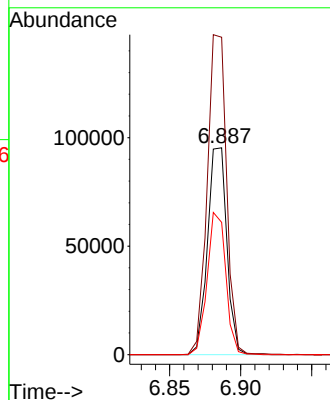
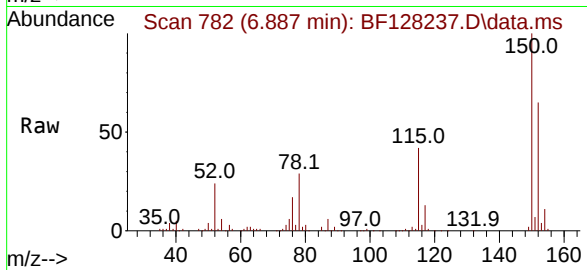




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128237.D
 Acq: 13 May 2022 13:48

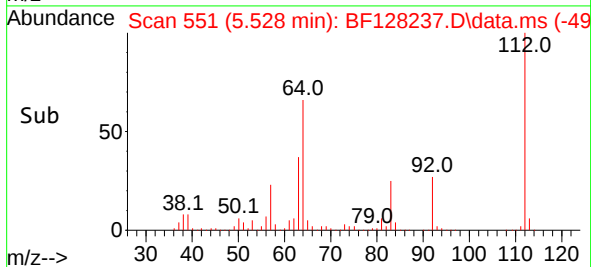
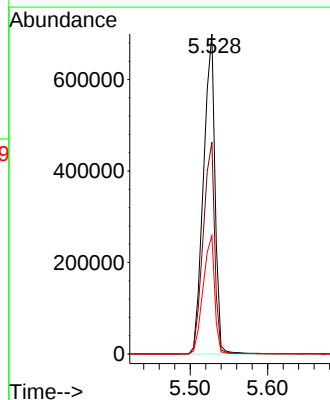
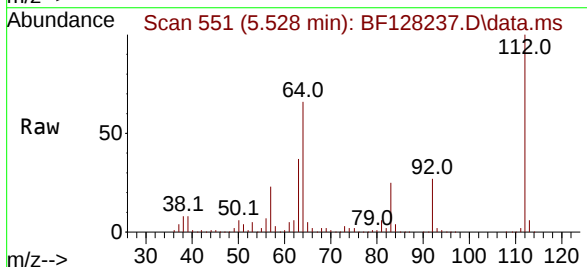
Instrument :
 BNA_F
 ClientSampleId :
 PB144757BL

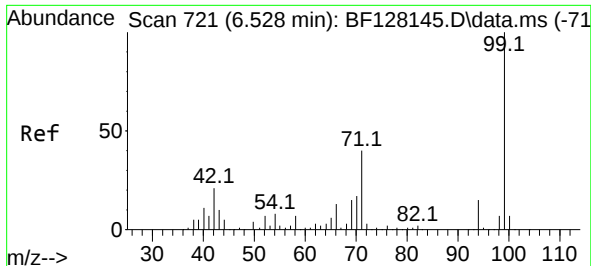
Tgt Ion:152 Resp: 90406
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.3 187.9
 115 64.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 127.997 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.018 min
 Lab File: BF128237.D
 Acq: 13 May 2022 13:48

Tgt Ion:112 Resp: 725890
 Ion Ratio Lower Upper
 112 100
 64 66.2 49.5 74.3
 63 36.9 26.3 39.5

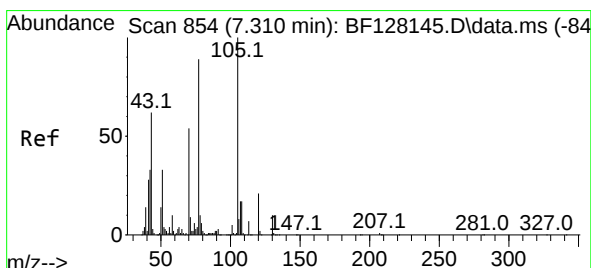
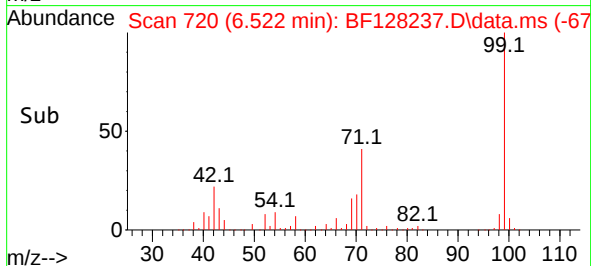
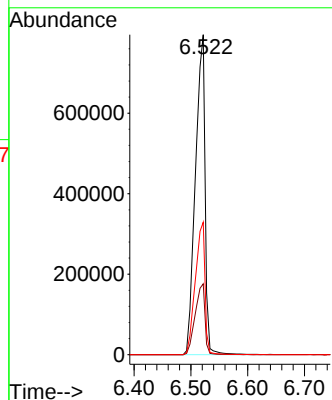
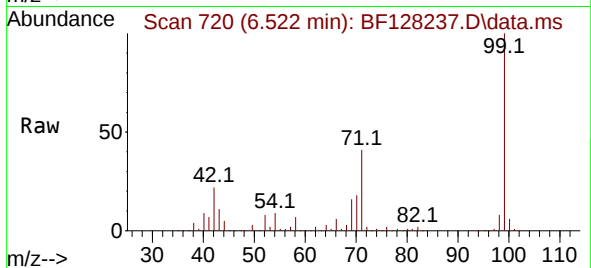




#7
Phenol-d6
Concen: 126.623 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

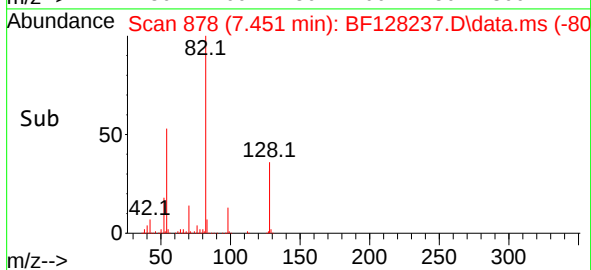
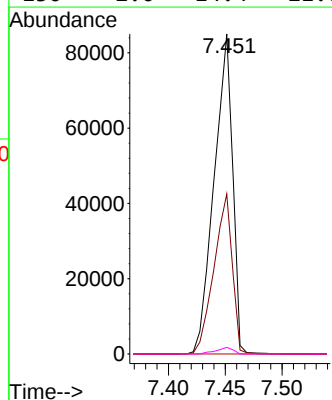
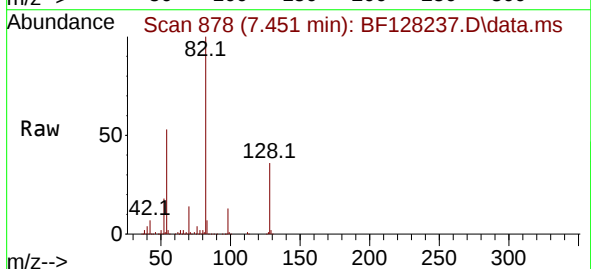
Instrument :
BNA_F
ClientSampleId :
PB144757BL

Tgt Ion: 99 Resp: 949800
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.802 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

Tgt Ion: 70 Resp: 96091
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

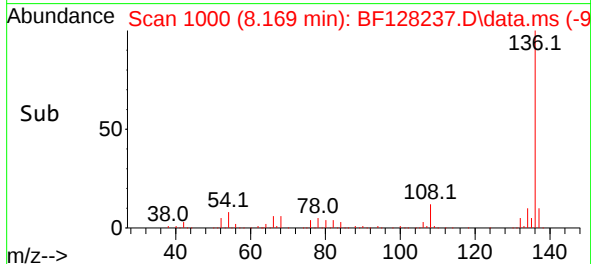
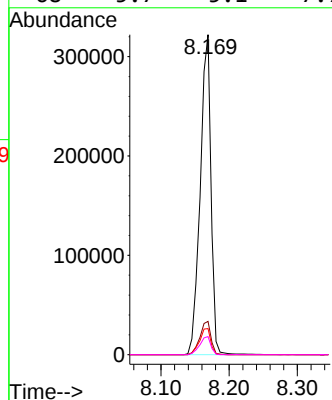
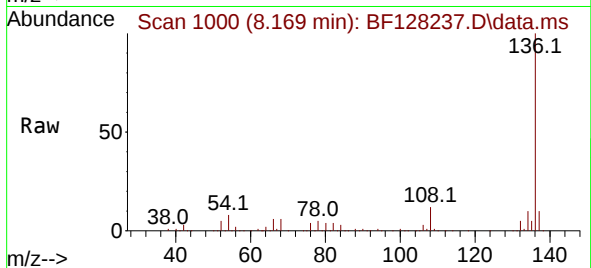




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

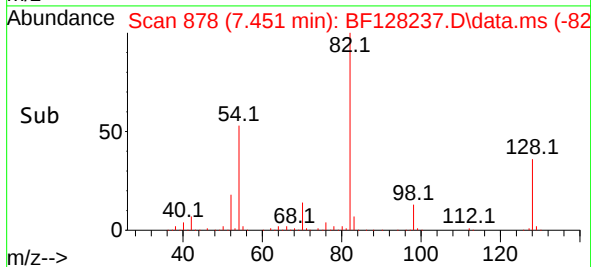
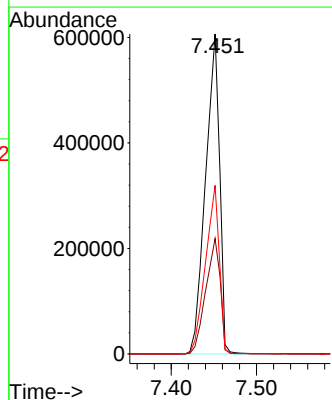
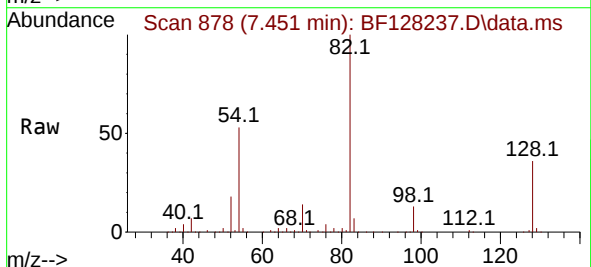
Instrument :
BNA_F
ClientSampleId :
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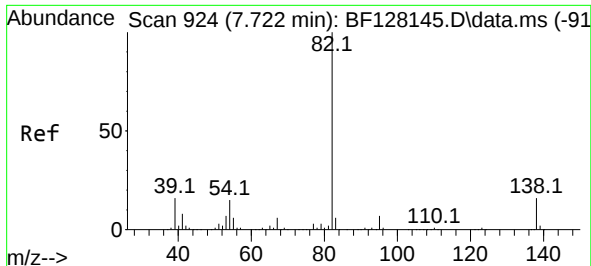
Tgt Ion:136	Resp: 352660
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 13.0
54 8.2	6.8 10.2
68 5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.765 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

Tgt Ion: 82	Resp: 695692
Ion Ratio	Lower Upper
82 100	
128 36.1	30.0 45.0
54 52.7	41.3 61.9

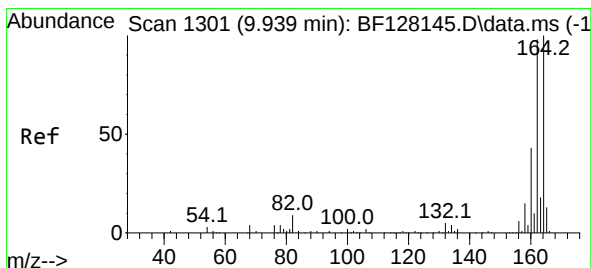
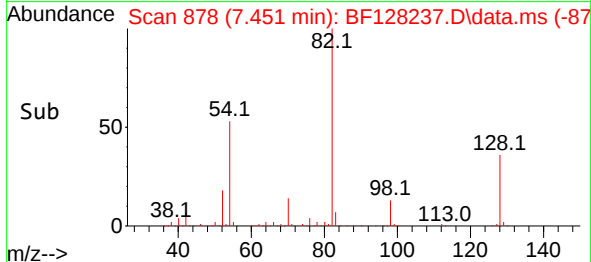
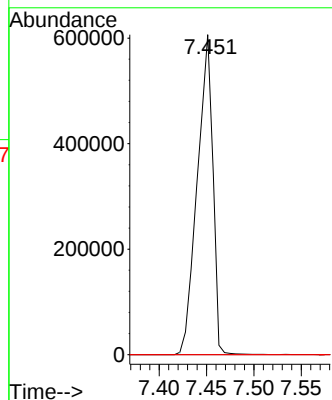
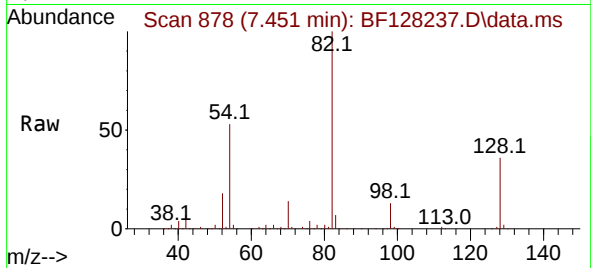




#25
Isophorone
Concen: 56.348 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

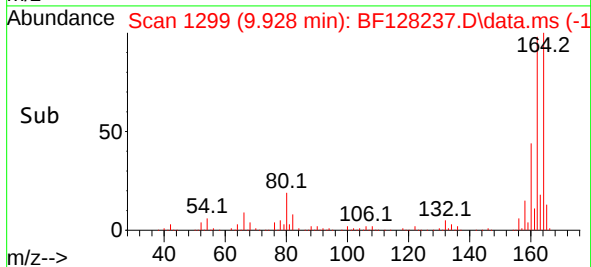
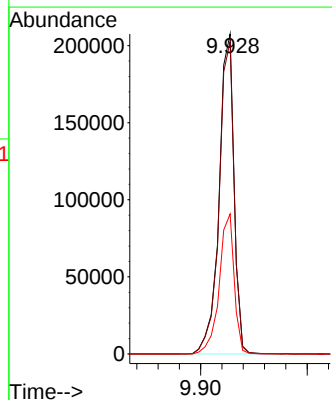
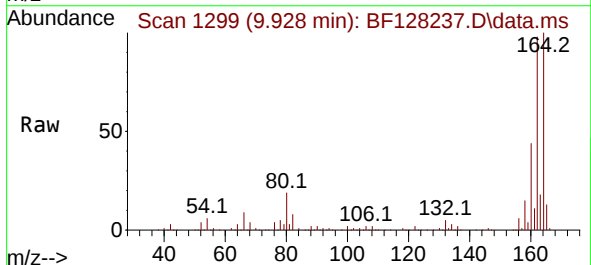
Instrument :
BNA_F
ClientSampleId :
PB144757BL

Tgt Ion: 82 Resp: 692367
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: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

Tgt Ion:164 Resp: 201252
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 128.583 ng

RT: 10.722 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128237.D

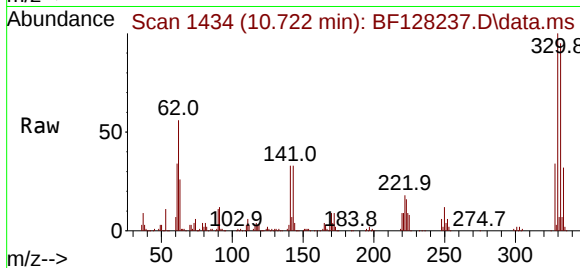
Acq: 13 May 2022 13:48

Instrument :

BNA_F

ClientSampleId :

PB144757BL



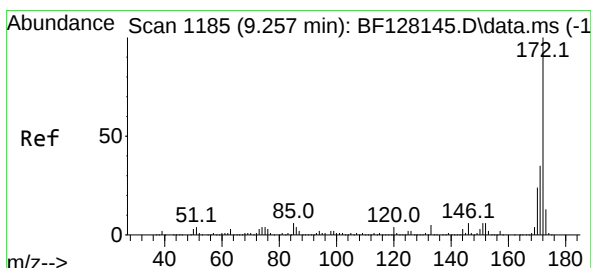
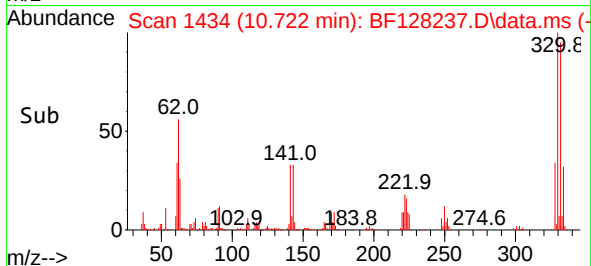
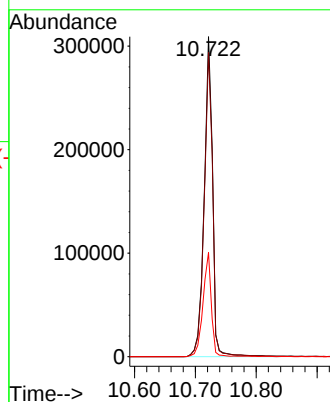
Tgt Ion:330 Resp: 296785

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

141 32.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 89.697 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128237.D

Acq: 13 May 2022 13:48

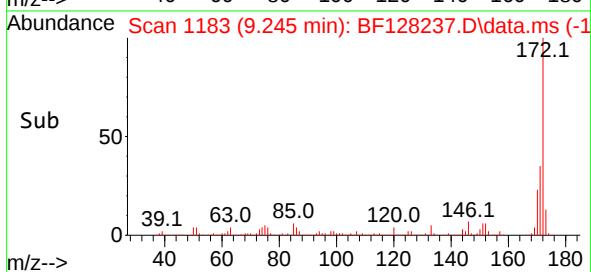
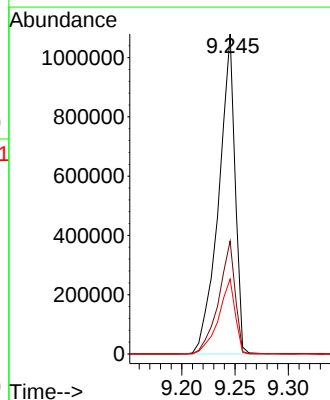
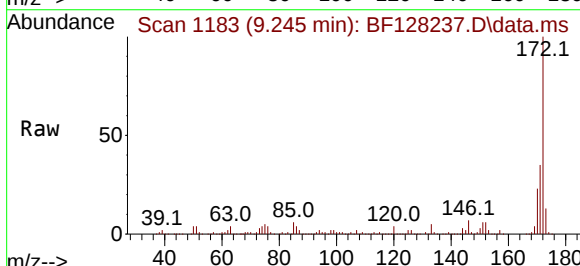
Tgt Ion:172 Resp: 1153692

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.4 19.1 28.7

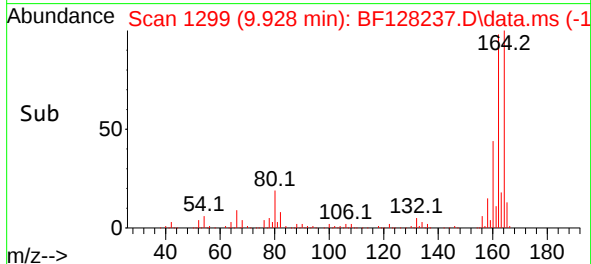
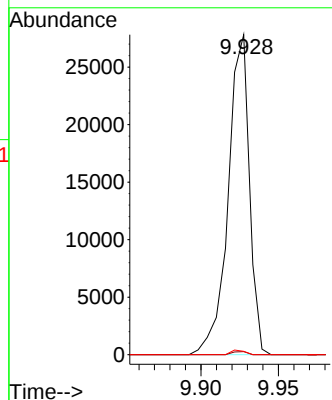
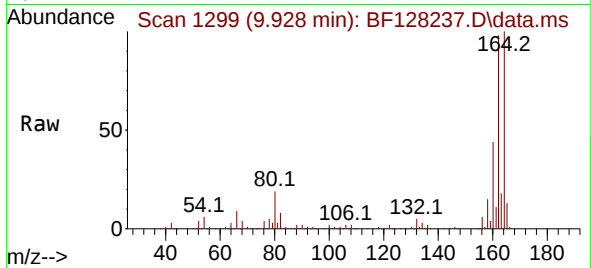




#51
2,6-Dinitrotoluene
Concen: 9.303 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

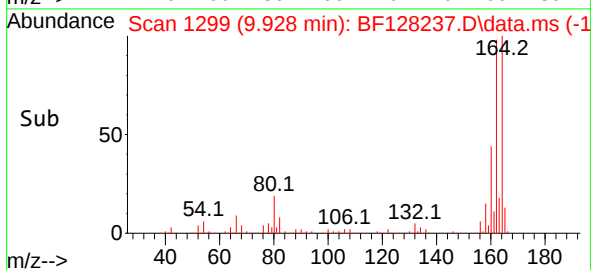
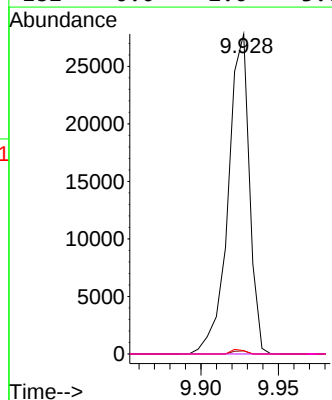
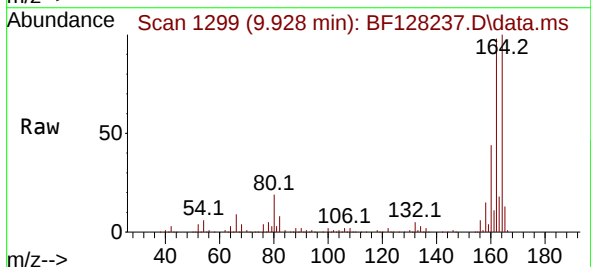
Instrument :
BNA_F
ClientSampleId :
PB144757BL

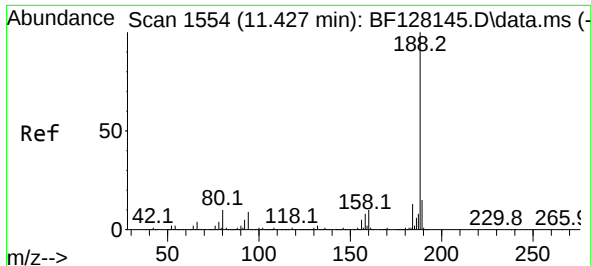
Tgt Ion:165 Resp: 26503
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.957 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

Tgt Ion:165 Resp: 26503
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

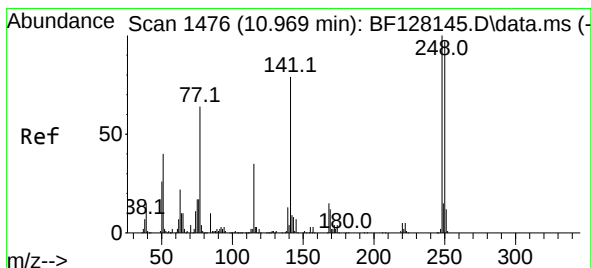
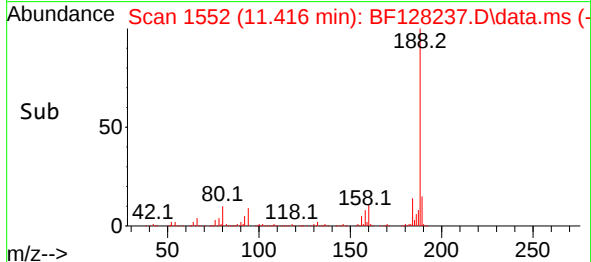
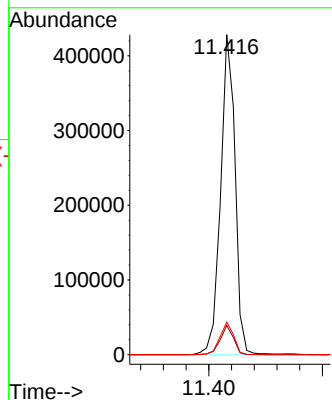
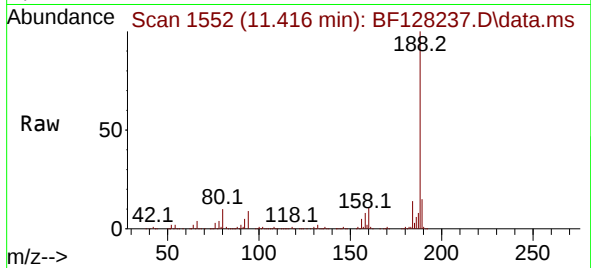




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

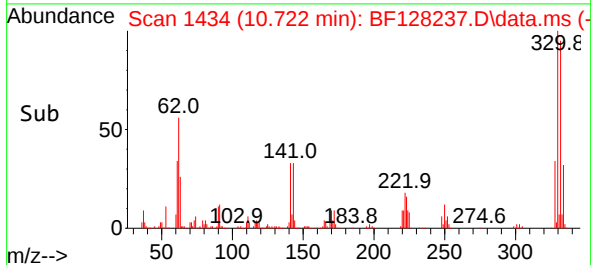
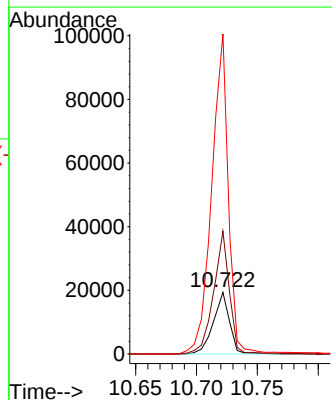
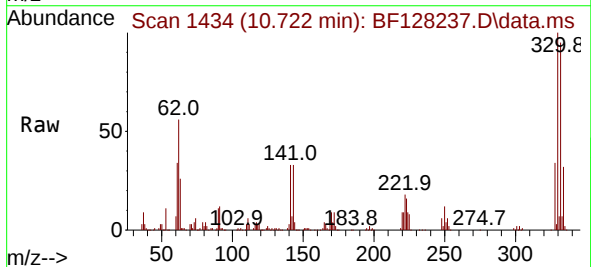
Instrument :
BNA_F
ClientSampleId :
PB144757BL

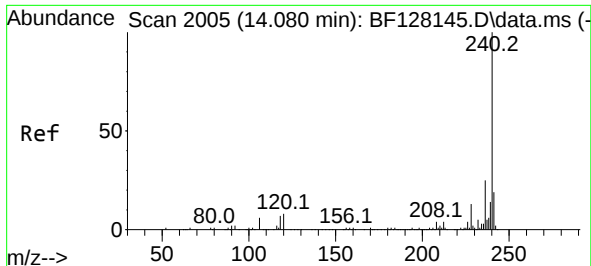
Tgt Ion:188 Resp: 380167
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.387 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.241 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

Tgt Ion:248 Resp: 17942
Ion Ratio Lower Upper
248 100
250 199.1 77.7 116.5#
141 519.3 65.6 98.4#

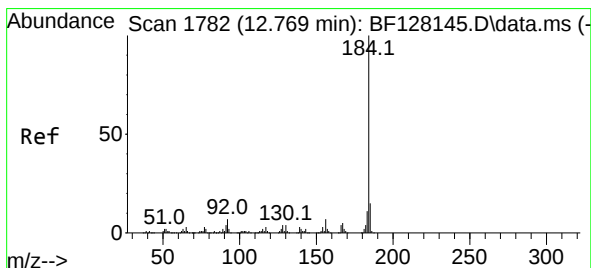
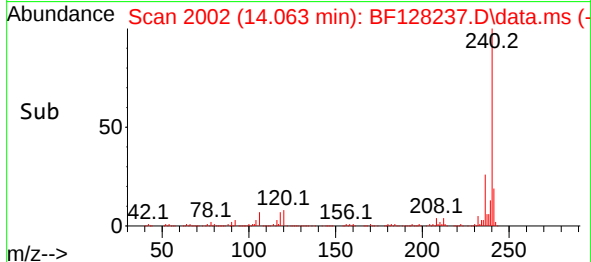
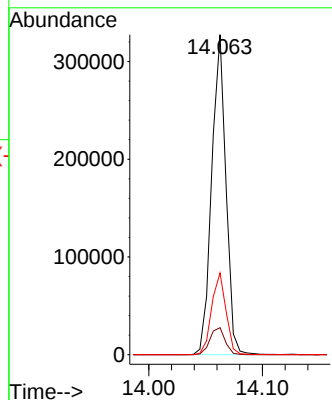
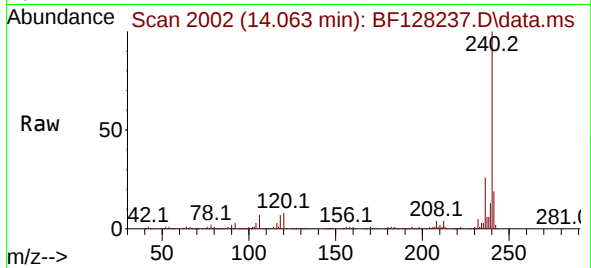




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

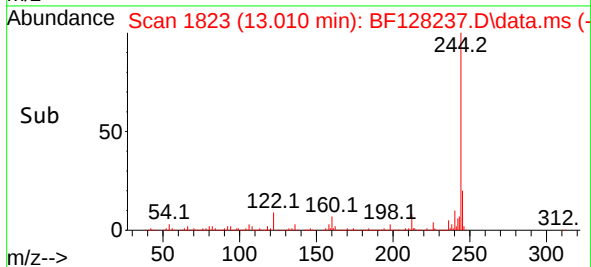
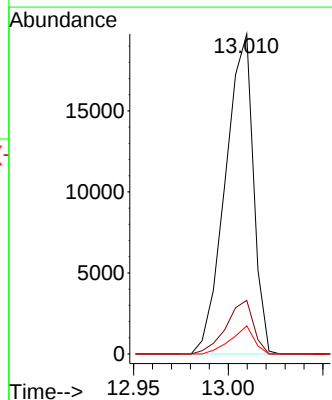
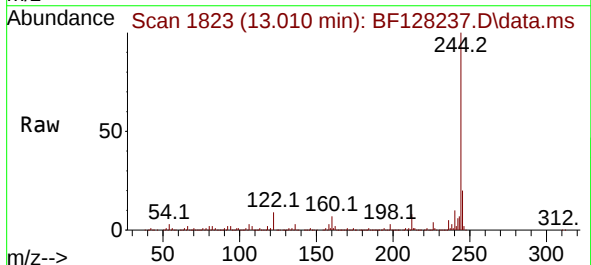
Instrument :
BNA_F
ClientSampleId :
PB144757BL

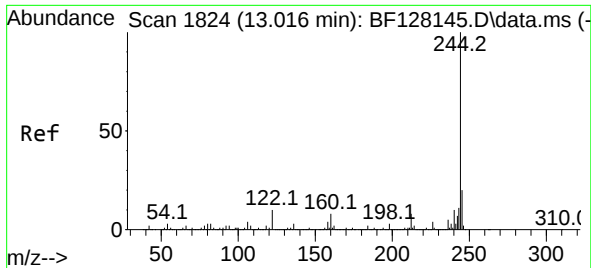
Tgt Ion:240 Resp: 284041
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 3.294 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.253 min
Lab File: BF128237.D
Acq: 13 May 2022 13:48

Tgt Ion:184 Resp: 20265
Ion Ratio Lower Upper
184 100
185 16.8 12.1 18.1
183 8.8 9.0 13.4

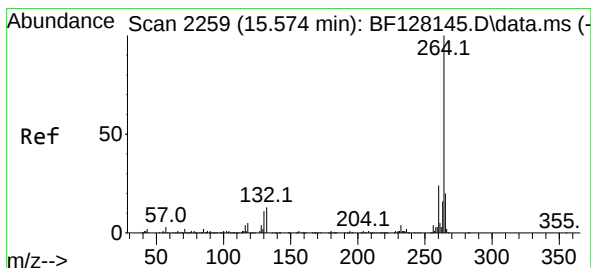
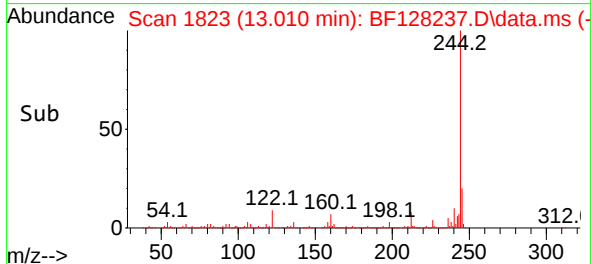
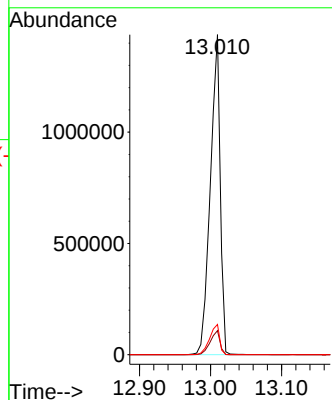
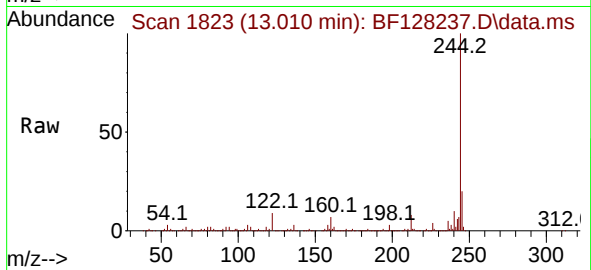




#79
 Terphenyl-d14
 Concen: 92.268 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128237.D
 Acq: 13 May 2022 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB144757BL

Tgt Ion:244 Resp: 1396704
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128237.D
 Acq: 13 May 2022 13:48

Tgt Ion:264 Resp: 218347
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 20.4 17.5 26.3

