

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128287.D
 Acq On : 17 May 2022 13:10
 Operator : CG\JU
 Sample : PB144839BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144839BL

Quant Time: May 18 01:33:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

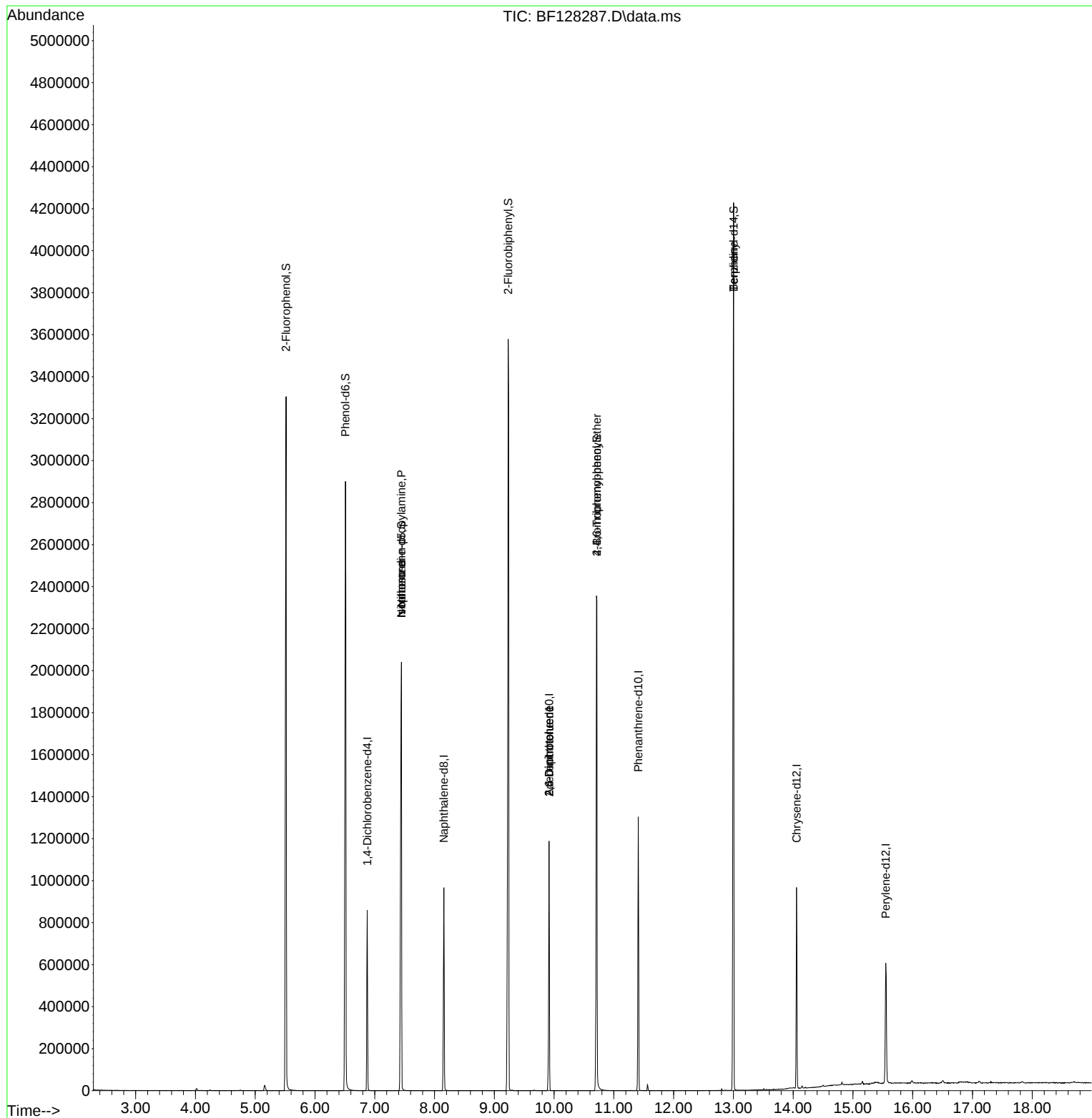
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	110534	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	433704	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	245940	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	446575	20.000	ng	0.00
76) Chrysene-d12	14.057	240	319404	20.000	ng	0.00
86) Perylene-d12	15.551	264	262020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	841193	121.318	ng	0.02
7) Phenol-d6	6.510	99	1125059	122.675	ng	0.00
23) Nitrobenzene-d5	7.445	82	834177	86.546	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	318768	113.013	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1321667	84.086	ng	0.00
79) Terphenyl-d14	13.004	244	1510100	88.714	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	2100	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.445	70	116383	20.607	ng	# 79
25) Isophorone	7.445	82	832212	55.073	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	31196	8.961	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	31196	6.701	ng	# 26
67) 4-Bromophenyl-phenylether	10.716	248	19173	3.991	ng	# 1
77) Benzidine	13.004	184	22166	3.204	ng	# 94

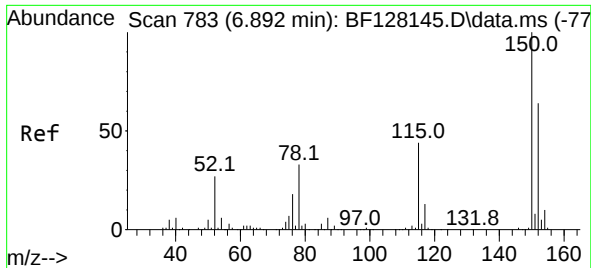
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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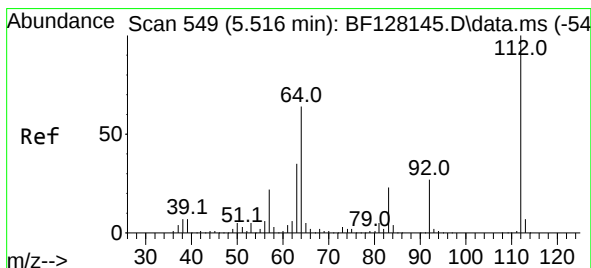
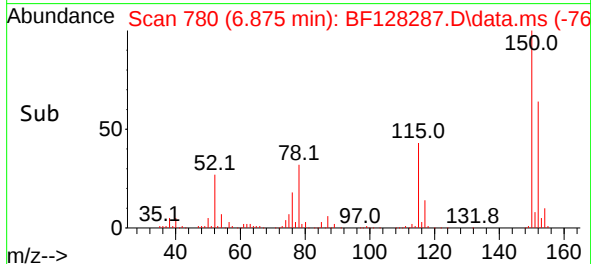
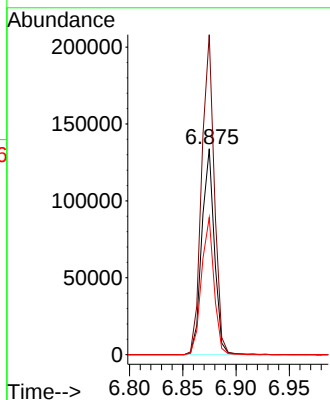
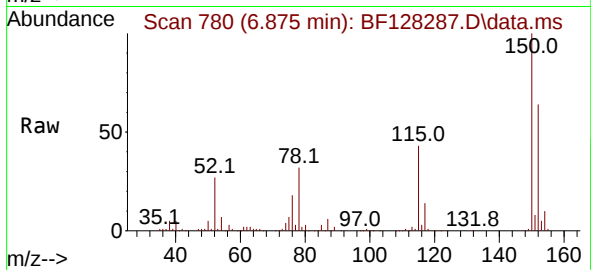




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

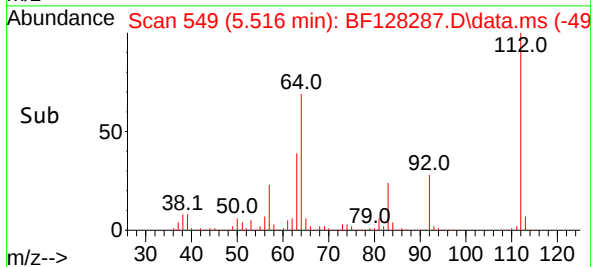
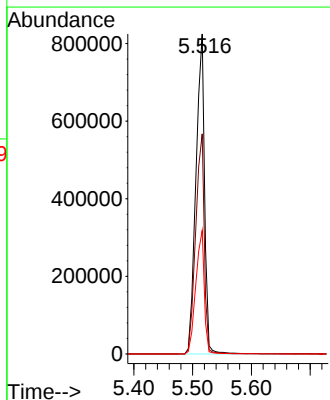
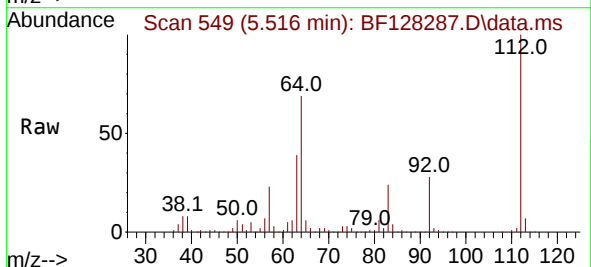
Instrument :
BNA_F
ClientSampleId :
PB144839BL

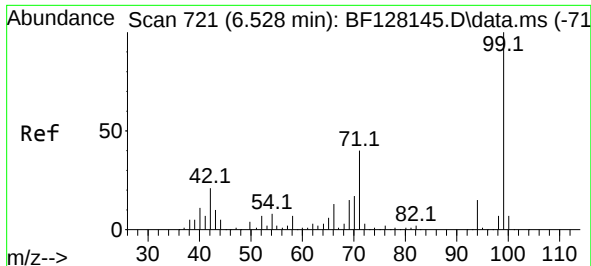
Tgt Ion:152 Resp: 110534
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 66.6 48.8 73.2



#5
2-Fluorophenol
Concen: 121.318 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

Tgt Ion:112 Resp: 841193
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 38.6 26.3 39.5

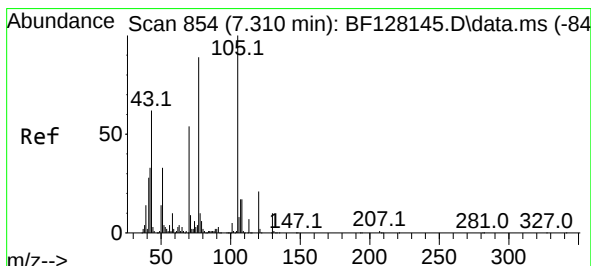
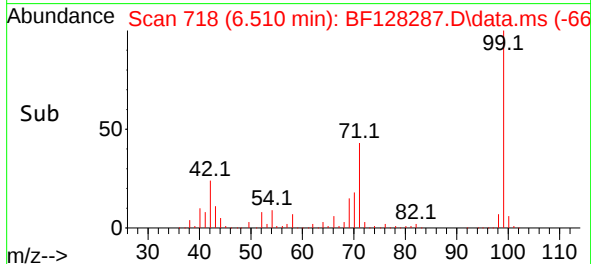
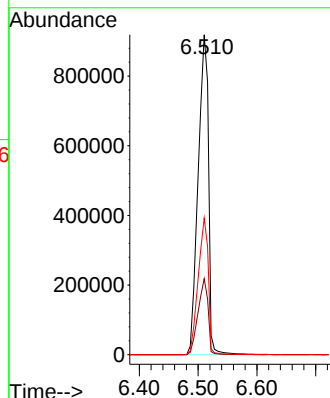
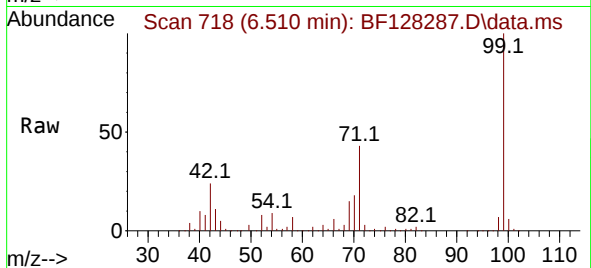




#7
Phenol-d6
Concen: 122.675 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

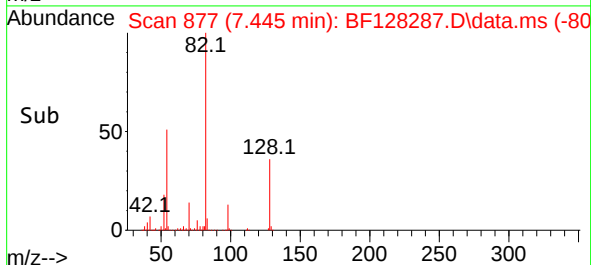
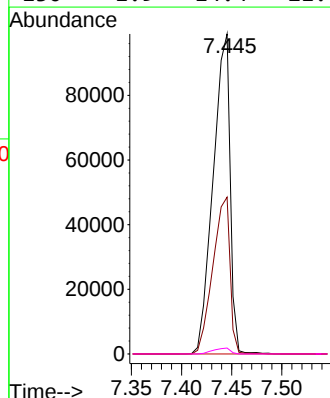
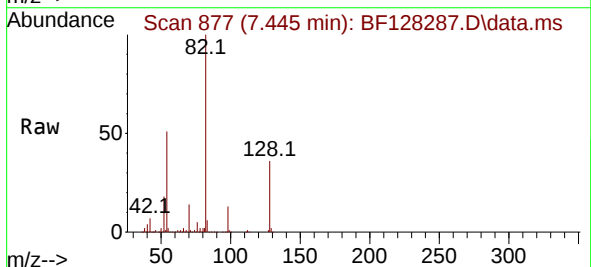
Instrument :
BNA_F
ClientSampleId :
PB144839BL

Tgt Ion: 99 Resp: 1125059
Ion Ratio Lower Upper
99 100
42 23.7 16.6 24.8
71 42.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.607 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

Tgt Ion: 70 Resp: 116383
Ion Ratio Lower Upper
70 100
42 49.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

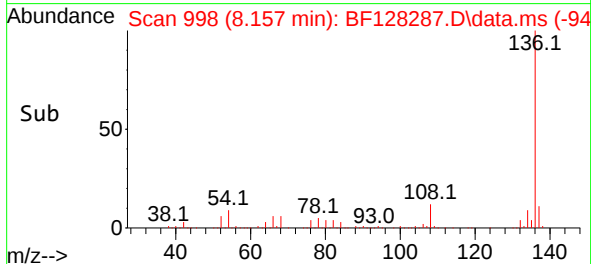
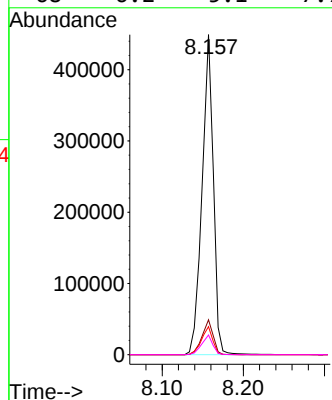
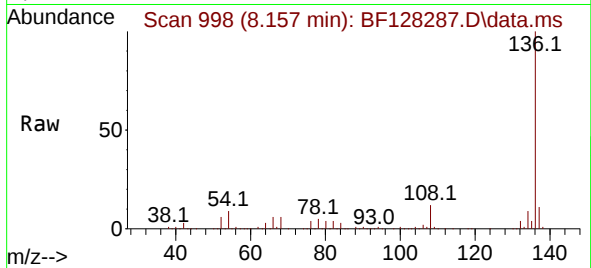




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

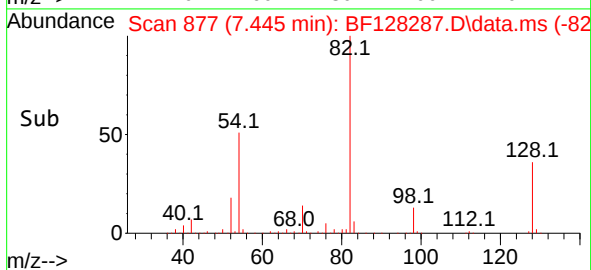
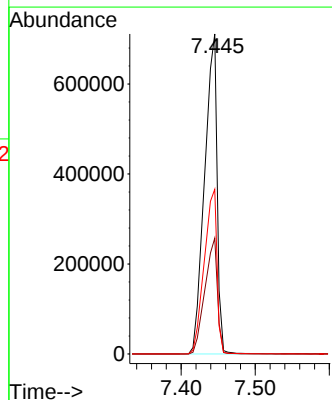
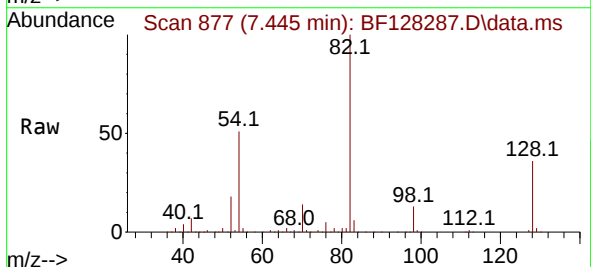
Instrument :
BNA_F
ClientSampleId :
PB144839BL

Tgt Ion:136 Resp: 433704
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.8 10.2
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 86.546 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

Tgt Ion: 82 Resp: 834177
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 51.5 41.3 61.9

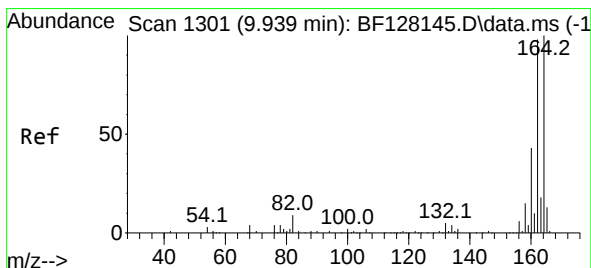
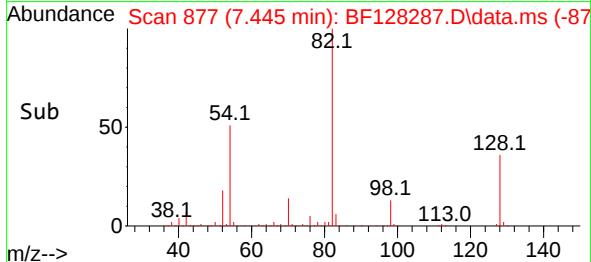
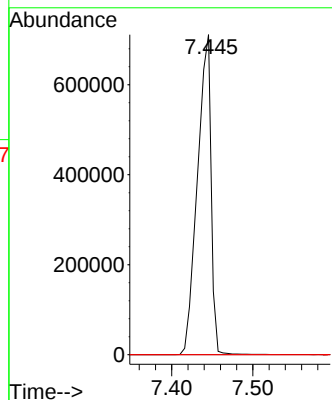
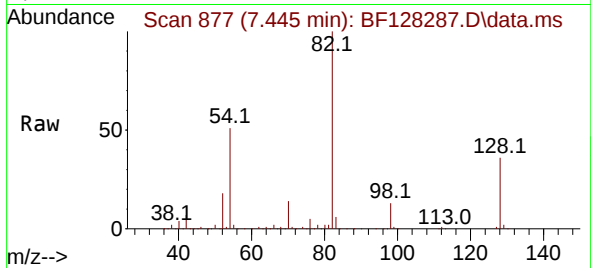




#25
Isophorone
Concen: 55.073 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

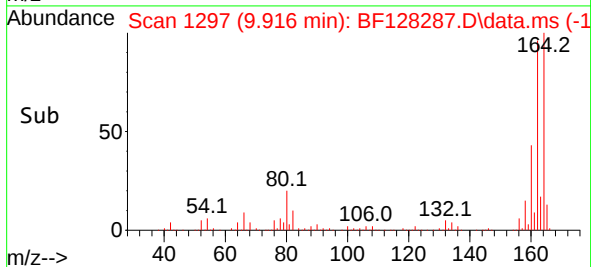
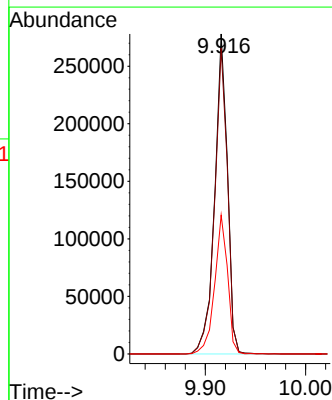
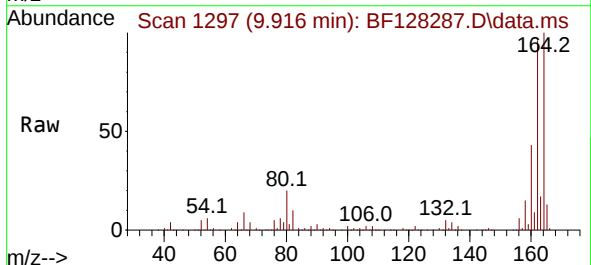
Instrument :
BNA_F
ClientSampleId :
PB144839BL

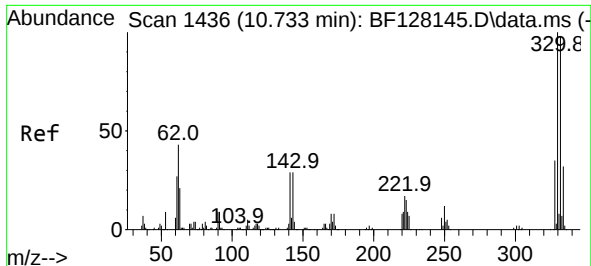
Tgt Ion: 82 Resp: 832212
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

Tgt Ion:164 Resp: 245940
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 113.013 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF128287.D

Acq: 17 May 2022 13:10

Instrument :

BNA_F

ClientSampleId :

PB144839BL

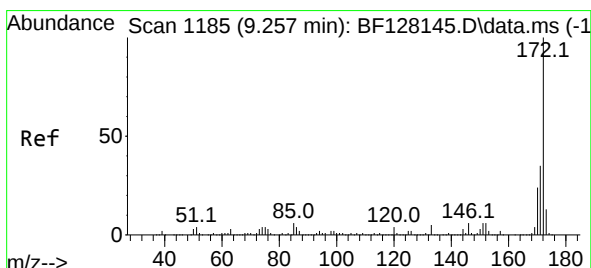
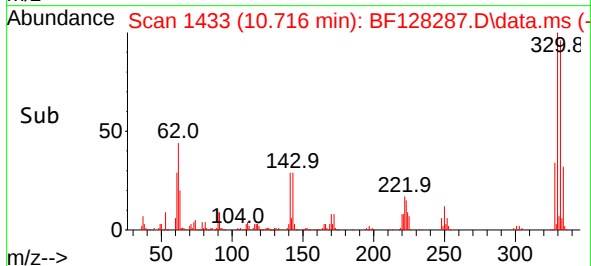
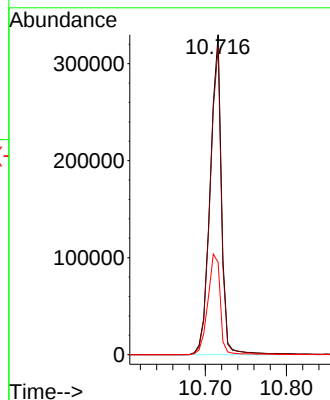
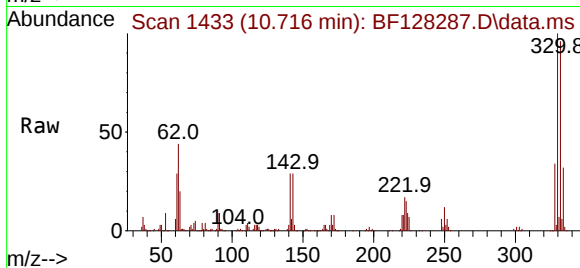
Tgt Ion:330 Resp: 318768

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 34.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.086 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128287.D

Acq: 17 May 2022 13:10

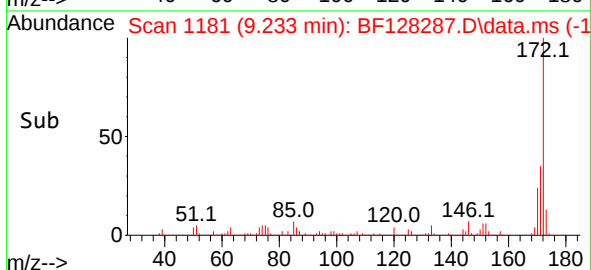
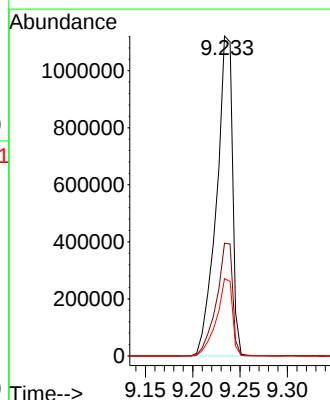
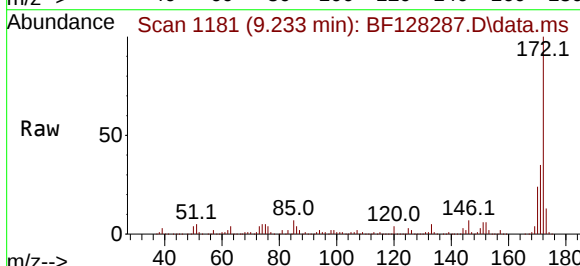
Tgt Ion:172 Resp: 1321667

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.2 19.1 28.7

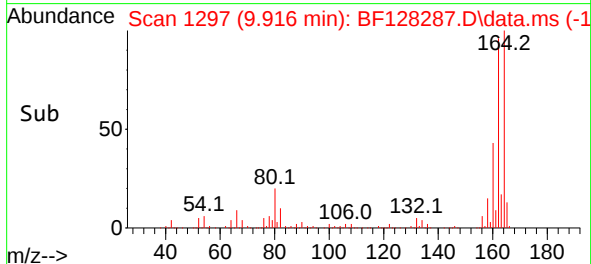
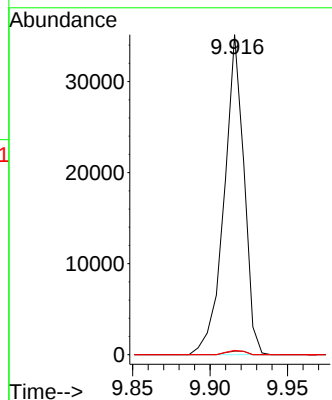
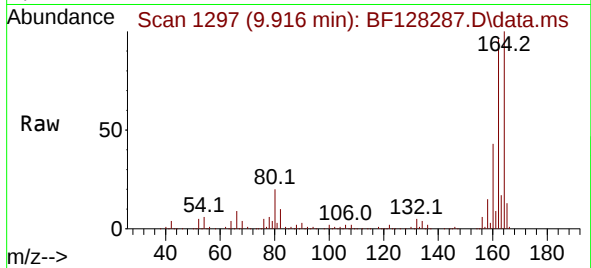




#51
2,6-Dinitrotoluene
Concen: 8.961 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

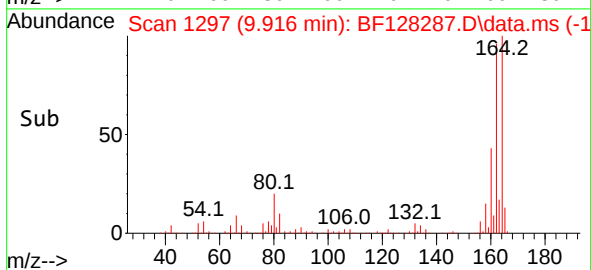
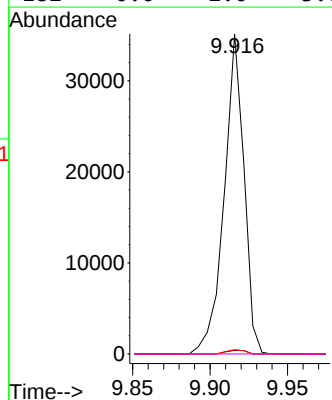
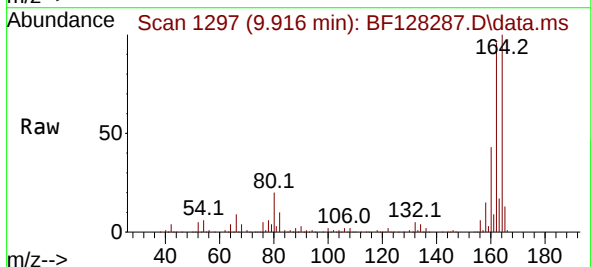
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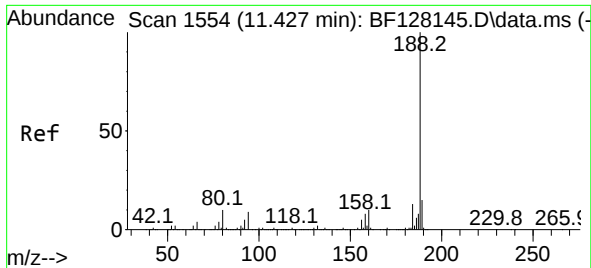
Tgt Ion:165 Resp: 31196
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.701 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

Tgt Ion:165 Resp: 31196
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

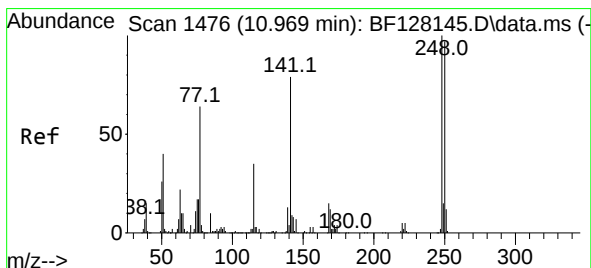
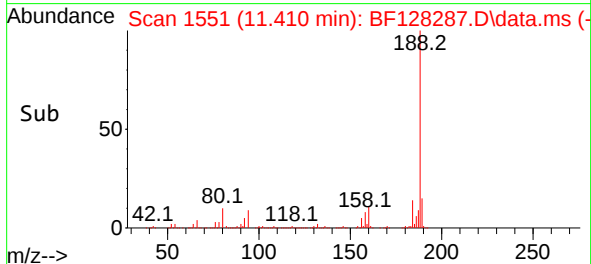
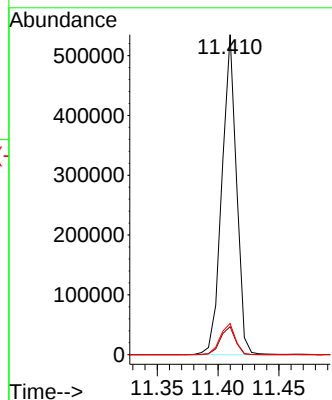
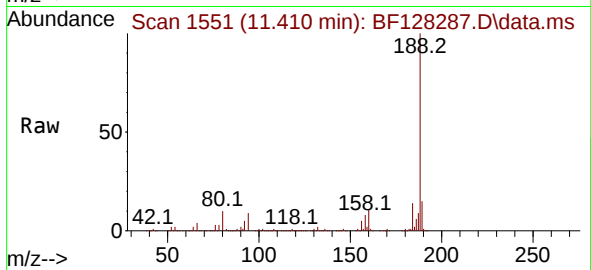




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

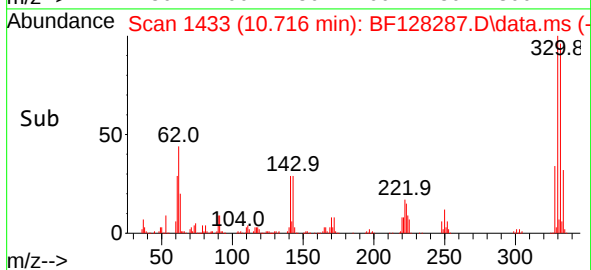
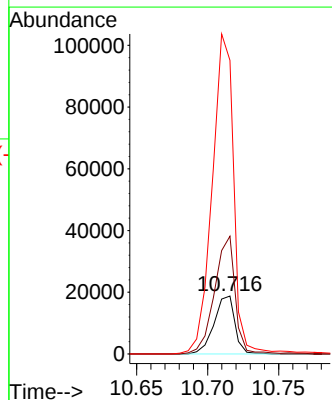
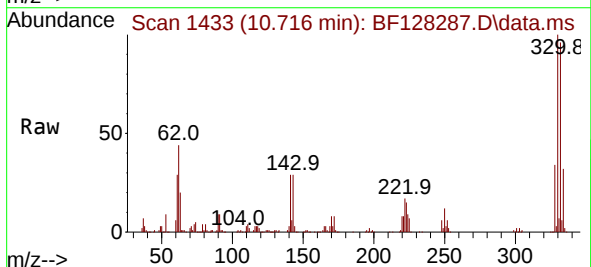
Instrument :
BNA_F
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PB144839BL

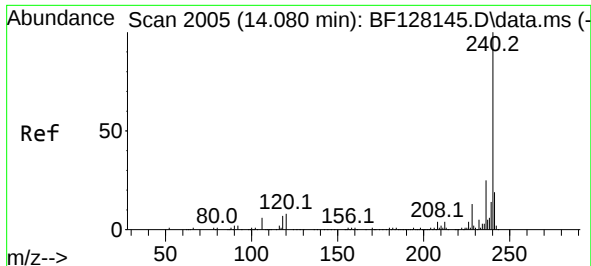
Tgt Ion:188 Resp: 446575
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.991 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

Tgt Ion:248 Resp: 19173
Ion Ratio Lower Upper
248 100
250 203.2 77.7 116.5#
141 506.5 65.6 98.4#

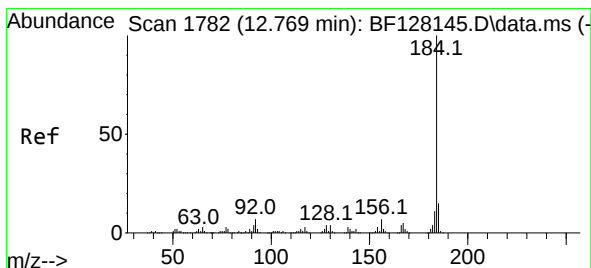
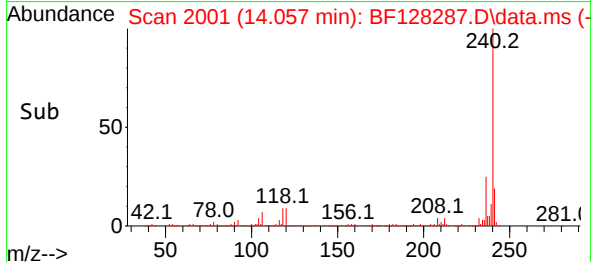
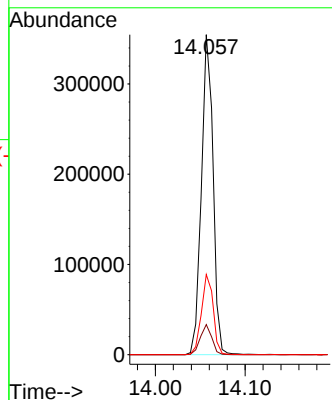
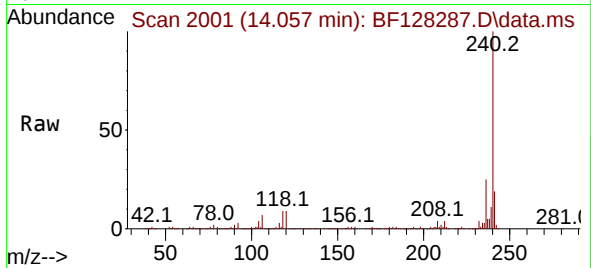




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

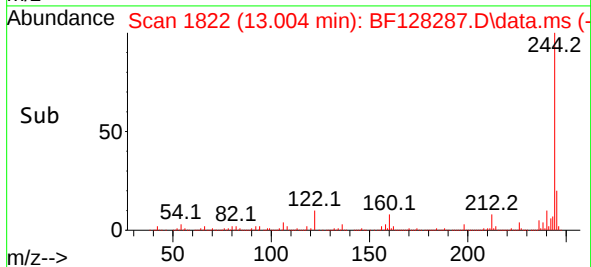
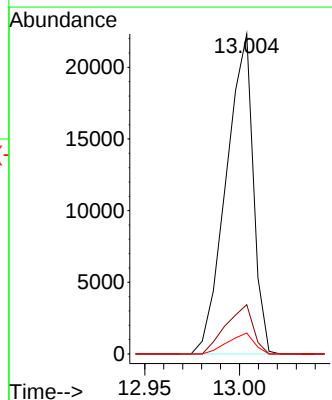
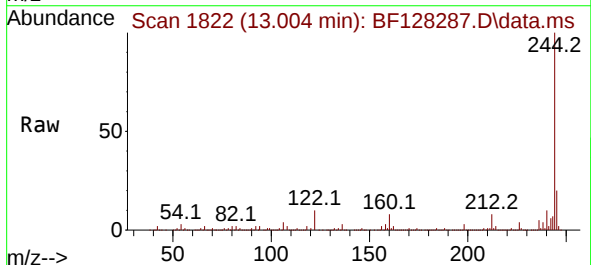
Instrument :
BNA_F
ClientSampleId :
PB144839BL

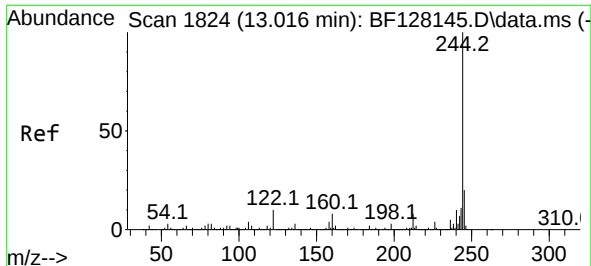
Tgt Ion:240 Resp: 319404
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.1 20.3 30.5



#77
Benzidine
Concen: 3.204 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.253 min
Lab File: BF128287.D
Acq: 17 May 2022 13:10

Tgt Ion:184 Resp: 22166
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 6.6 9.0 13.4

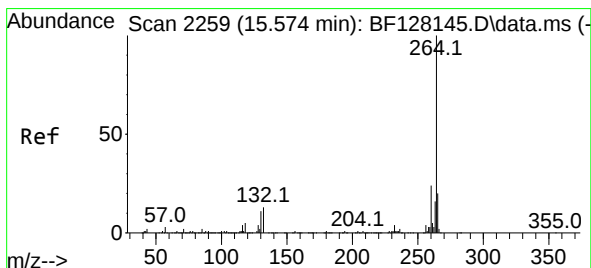
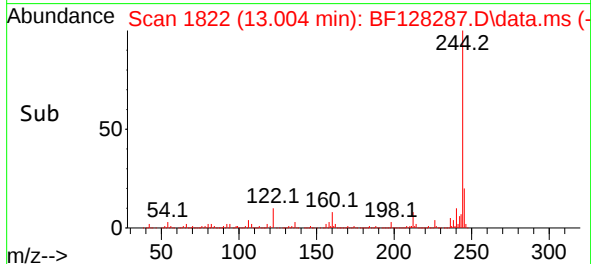
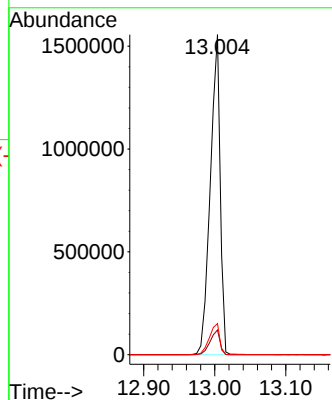
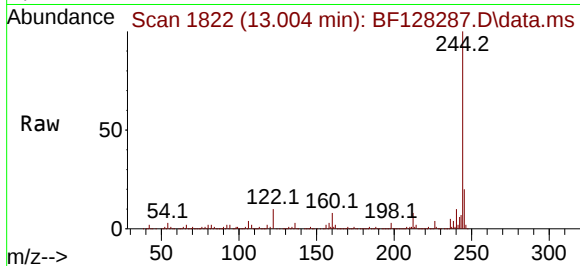




#79
 Terphenyl-d14
 Concen: 88.714 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128287.D
 Acq: 17 May 2022 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB144839BL

Tgt Ion:244 Resp: 1510100
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: BF128287.D
 Acq: 17 May 2022 13:10

Tgt Ion:264 Resp: 262020
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 21.4 17.5 26.3

