

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128284.D
 Acq On : 17 May 2022 11:35
 Operator : CG\JU
 Sample : PB144826BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144826BL

Quant Time: May 18 01:32:55 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)

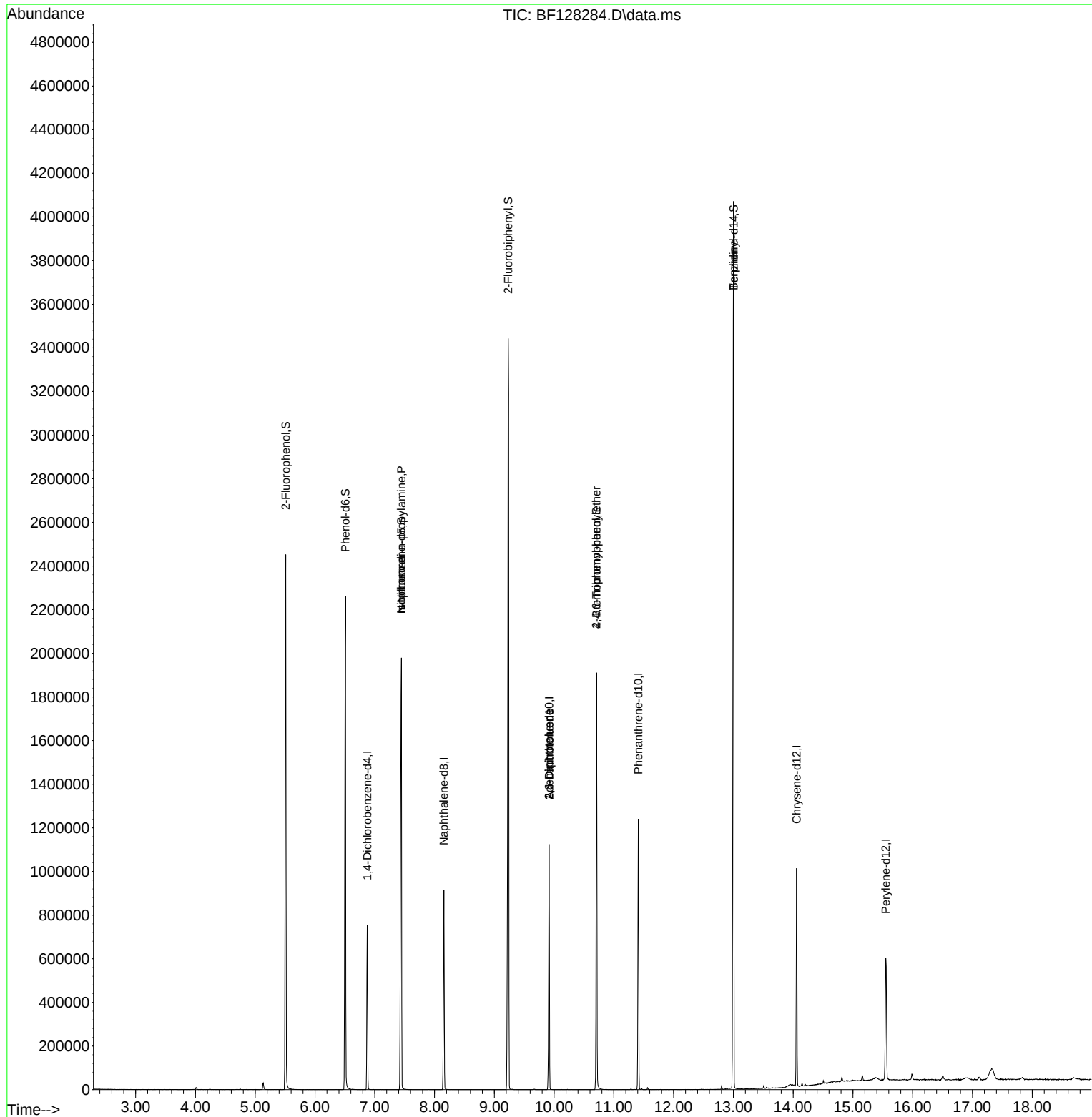
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	98674	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	408655	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	234442	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	421761	20.000	ng	0.00
76) Chrysene-d12	14.057	240	320900	20.000	ng	0.00
86) Perylene-d12	15.551	264	256767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	583957	94.342	ng	0.01
7) Phenol-d6	6.510	99	744195	90.900	ng	0.00
23) Nitrobenzene-d5	7.445	82	794558	87.488	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	218323	81.198	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1280811	85.483	ng	0.00
79) Terphenyl-d14	13.004	244	1503390	87.909	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	1582	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.445	70	109963	21.810	ng	# 79
25) Isophorone	7.445	82	793295	55.716	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	30617	9.226	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	30617	6.899	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	13492	2.973	ng	# 1
77) Benzydine	13.004	184	22751	3.273	ng	# 92

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

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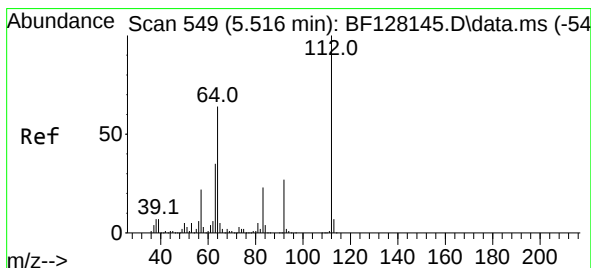
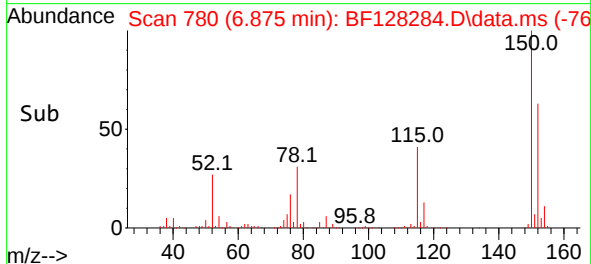
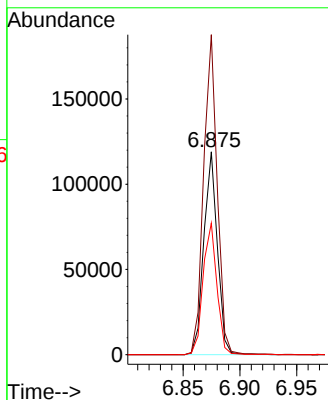
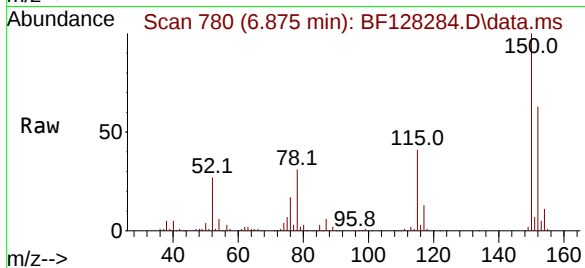




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128284.D
 Acq: 17 May 2022 11:35

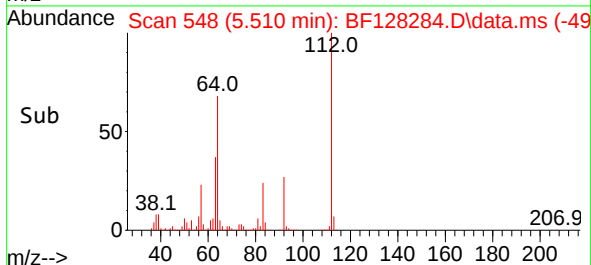
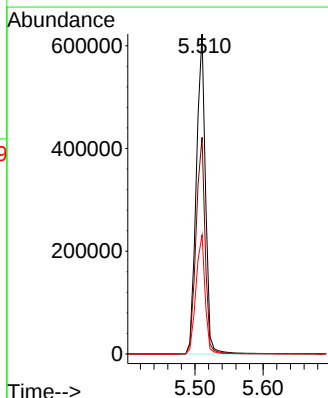
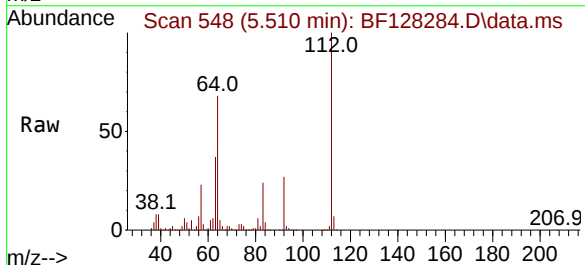
Instrument :
 BNA_F
 ClientSampleId :
 PB144826BL

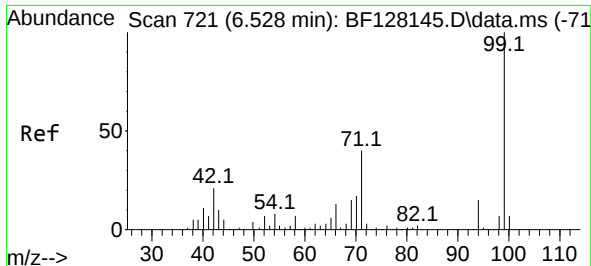
Tgt Ion:152 Resp: 98674
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.3 187.9
 115 64.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 94.342 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF128284.D
 Acq: 17 May 2022 11:35

Tgt Ion:112 Resp: 583957
 Ion Ratio Lower Upper
 112 100
 64 67.7 49.5 74.3
 63 37.2 26.3 39.5

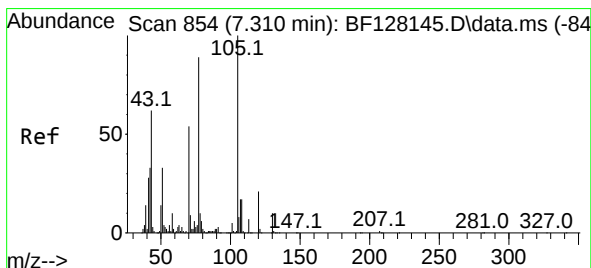
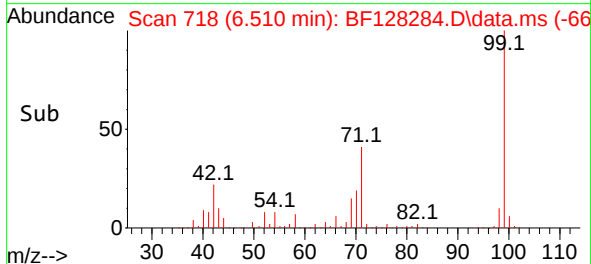
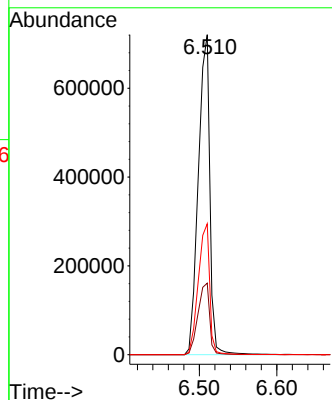
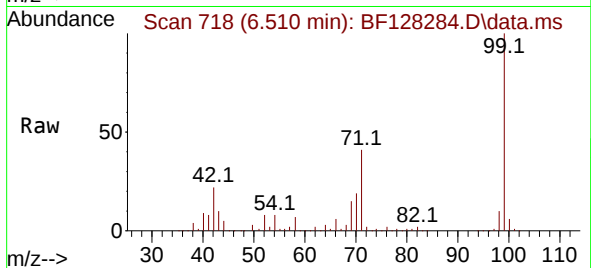




#7
Phenol-d6
Concen: 90.900 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

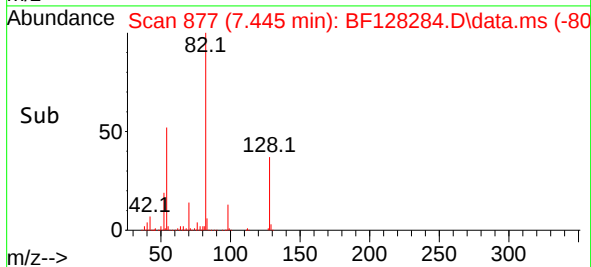
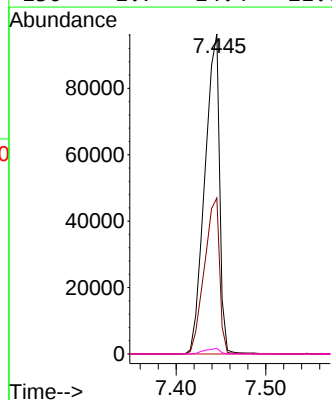
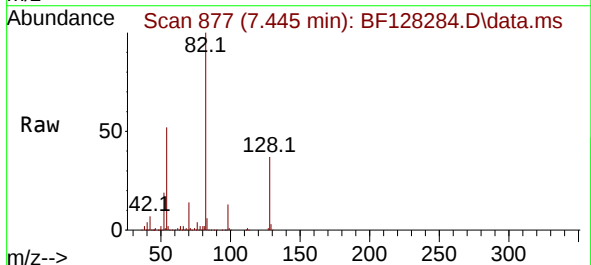
Instrument :
BNA_F
ClientSampleId :
PB144826BL

Tgt Ion: 99 Resp: 744195
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 40.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.810 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

Tgt Ion: 70 Resp: 109963
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



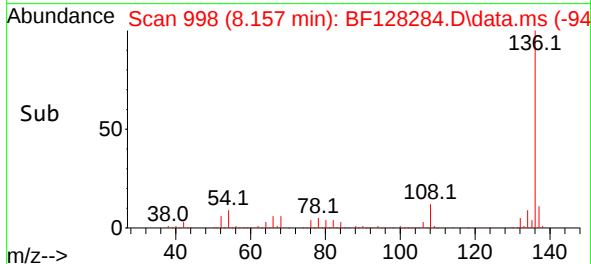
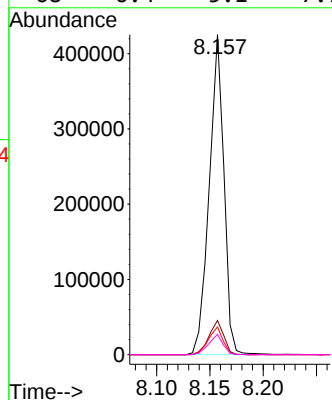
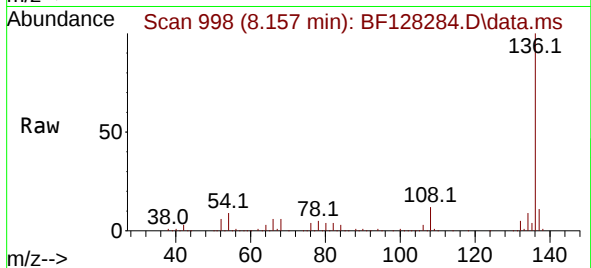


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

Instrument :
BNA_F
ClientSampleId :
PB144826BL

Tgt Ion:136 Resp: 408655

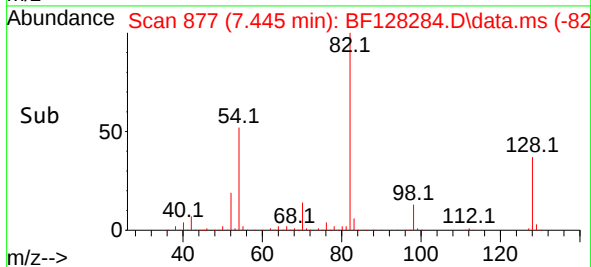
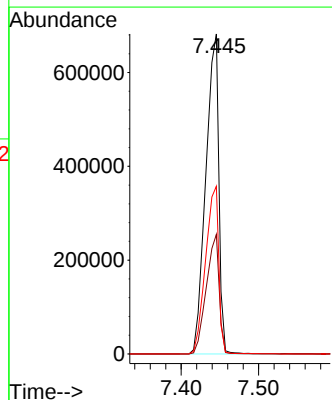
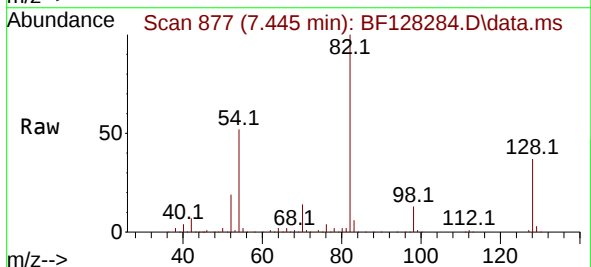
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.7	6.8	10.2
68	6.4	5.1	7.7

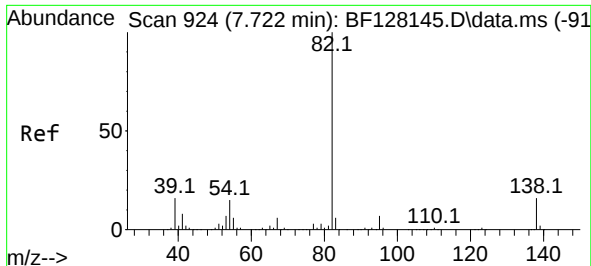


#23
Nitrobenzene-d5
Concen: 87.488 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

Tgt Ion: 82 Resp: 794558

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	52.4	41.3	61.9

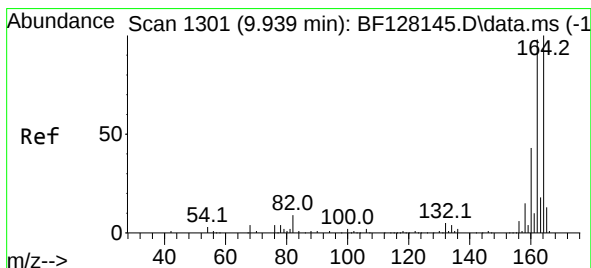
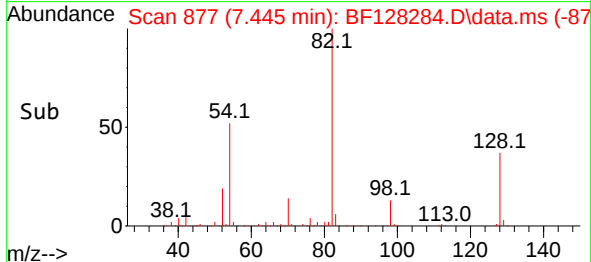
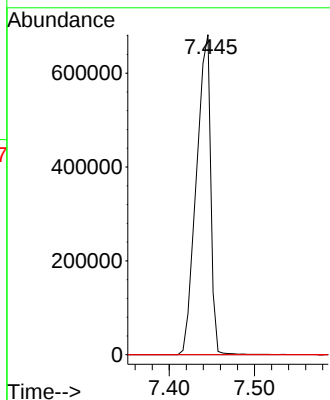
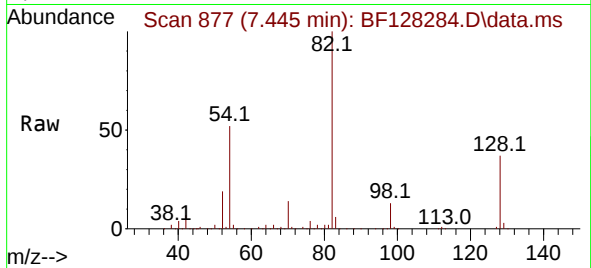




#25
Isophorone
Concen: 55.716 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

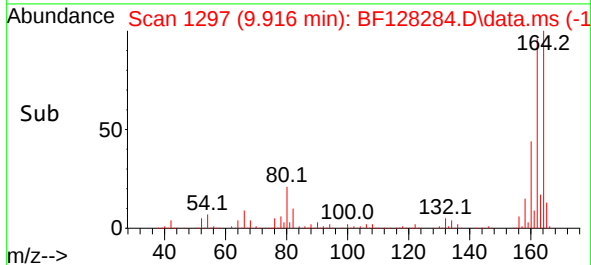
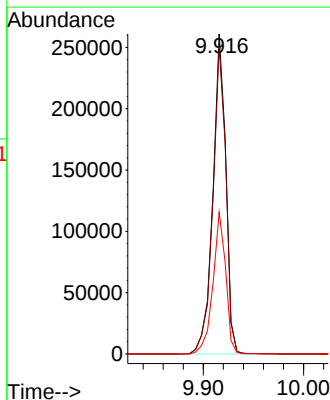
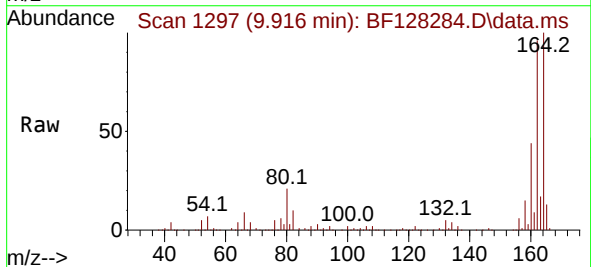
Instrument :
BNA_F
ClientSampleId :
PB144826BL

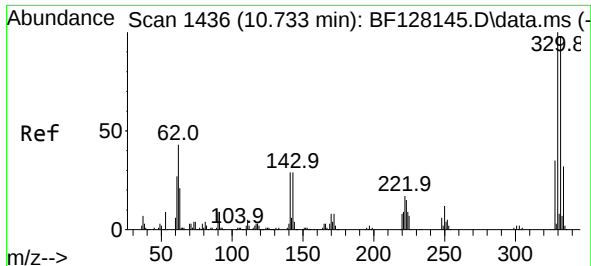
Tgt Ion: 82 Resp: 793295
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

Tgt Ion:164 Resp: 234442
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 44.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 81.198 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF128284.D

Acq: 17 May 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB144826BL

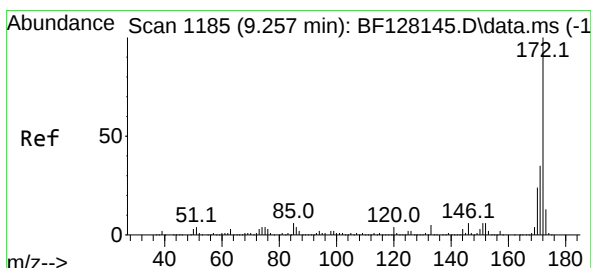
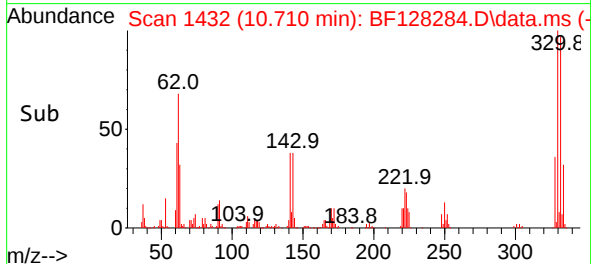
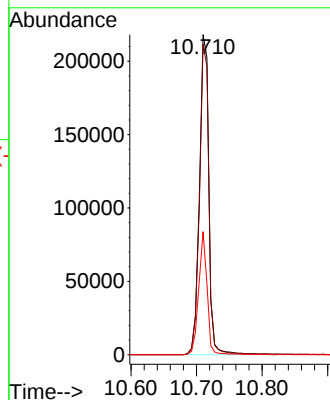
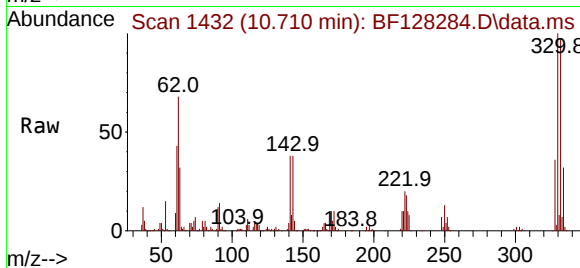
Tgt Ion:330 Resp: 218323

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 34.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 85.483 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128284.D

Acq: 17 May 2022 11:35

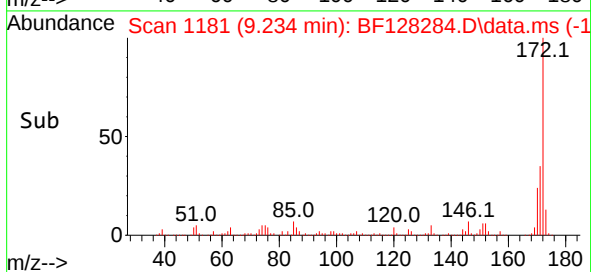
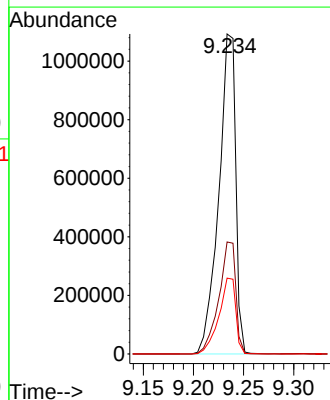
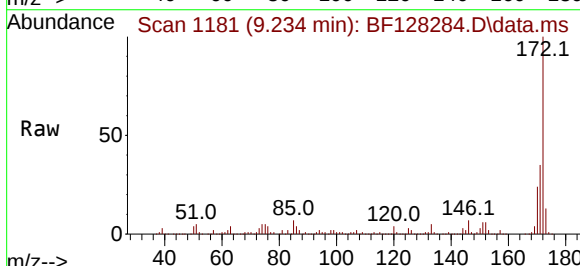
Tgt Ion:172 Resp: 1280811

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.7 19.1 28.7

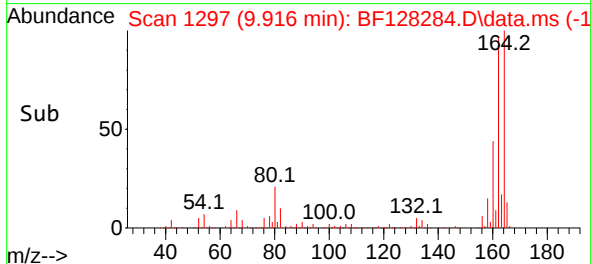
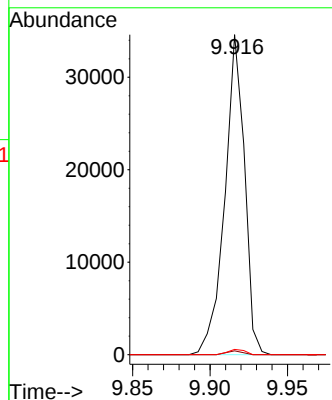
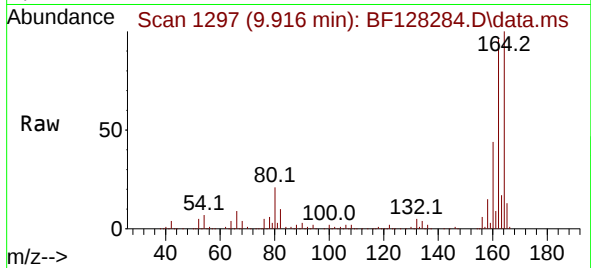




#51
2,6-Dinitrotoluene
Concen: 9.226 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

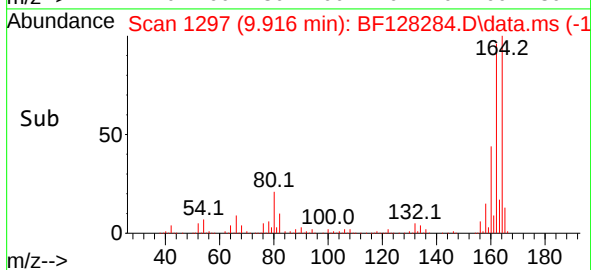
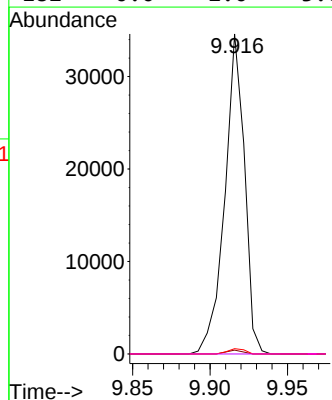
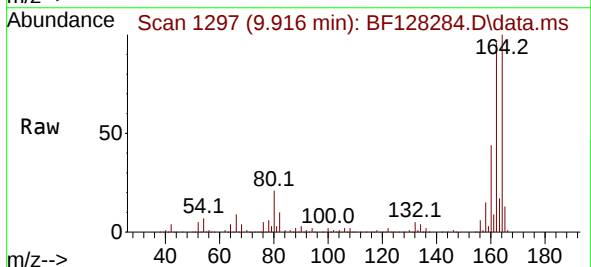
Instrument :
BNA_F
ClientSampleId :
PB144826BL

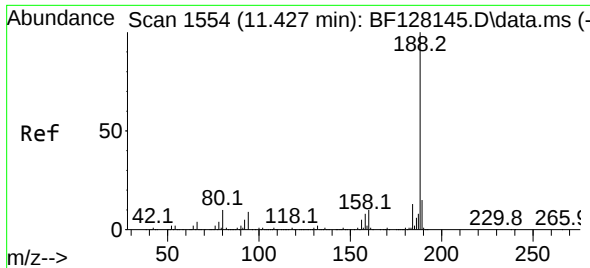
Tgt Ion:165 Resp: 30617
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

Tgt Ion:165 Resp: 30617
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

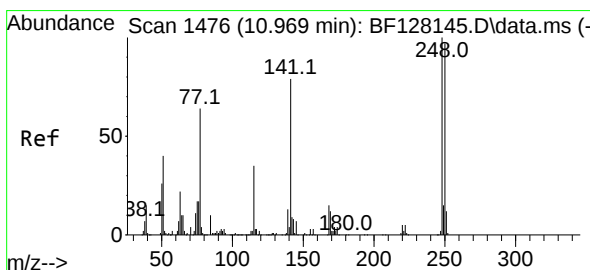
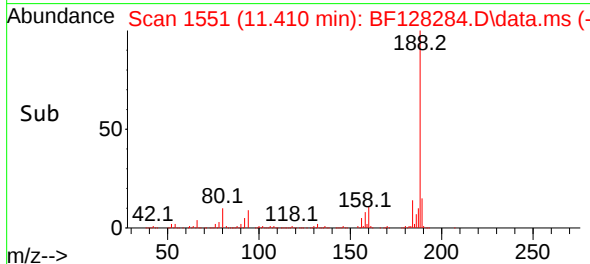
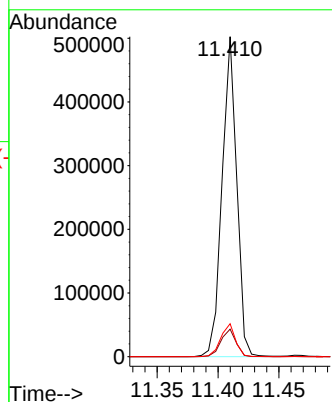
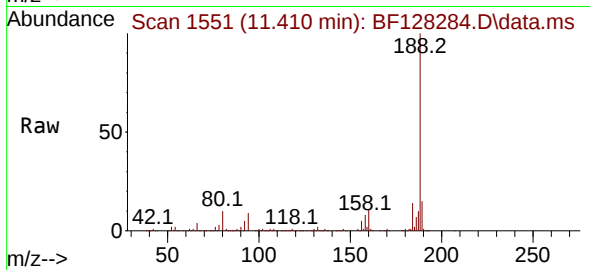




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

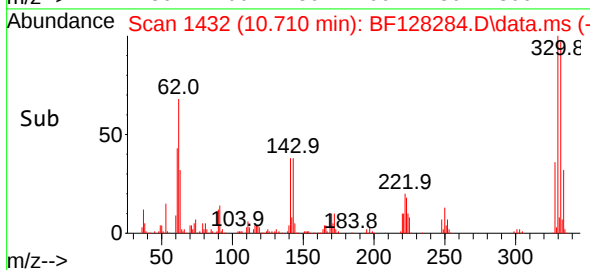
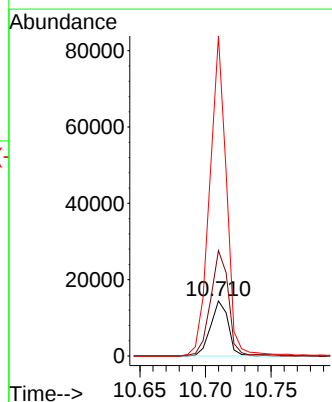
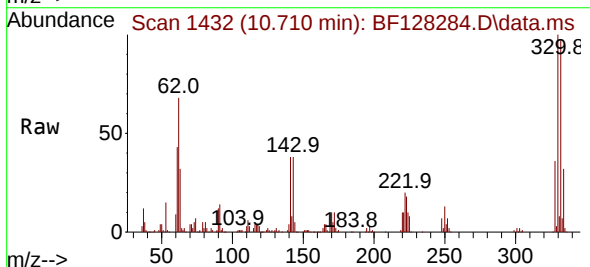
Instrument :
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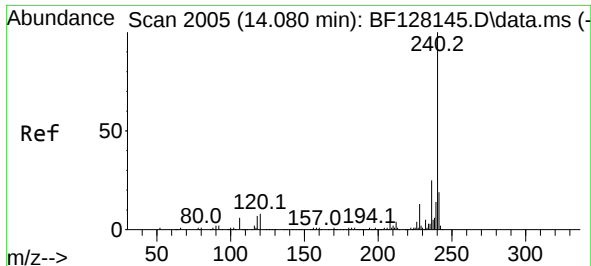
Tgt Ion:188 Resp: 421761
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 10.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.973 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

Tgt Ion:248 Resp: 13492
Ion Ratio Lower Upper
248 100
250 191.9 77.7 116.5#
141 581.9 65.6 98.4#

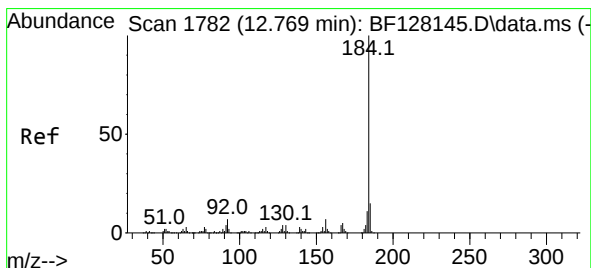
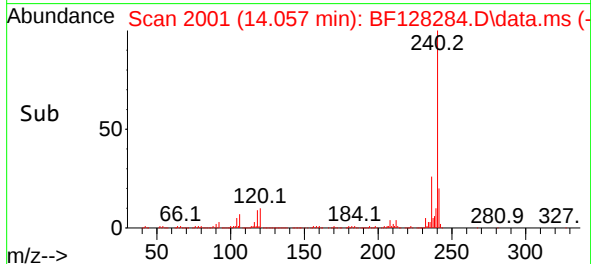
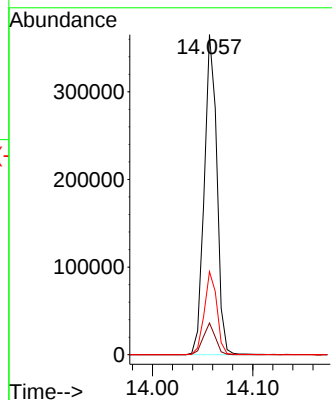
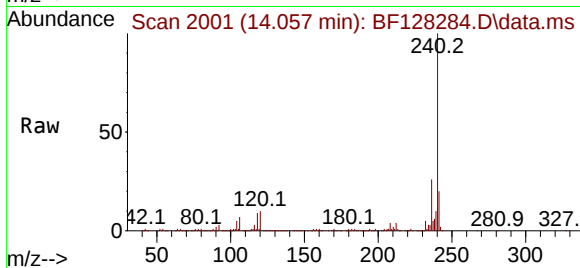




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

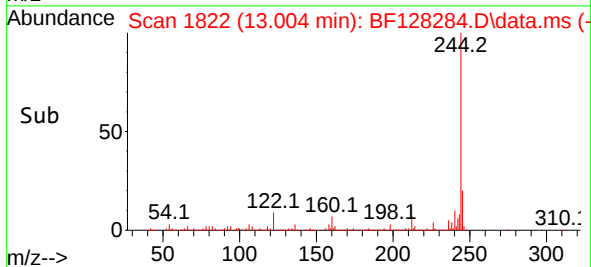
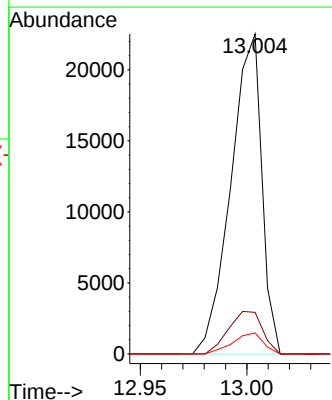
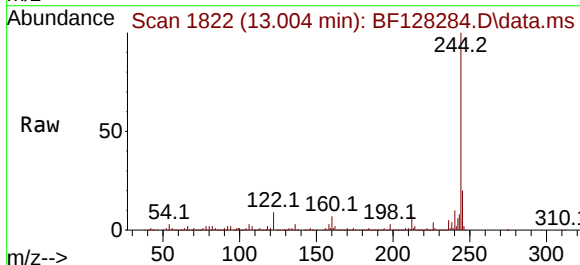
Instrument :
BNA_F
ClientSampleId :
PB144826BL

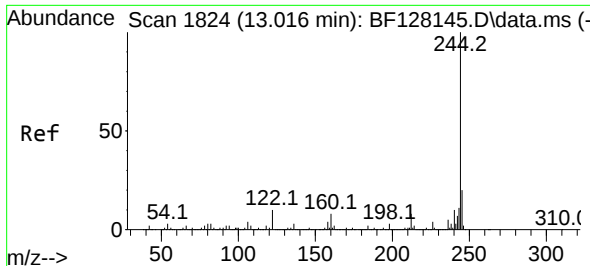
Tgt Ion:240 Resp: 320900
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.0 20.3 30.5



#77
Benzidine
Concen: 3.273 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.253 min
Lab File: BF128284.D
Acq: 17 May 2022 11:35

Tgt Ion:184 Resp: 22751
Ion Ratio Lower Upper
184 100
185 13.0 12.1 18.1
183 6.6 9.0 13.4#

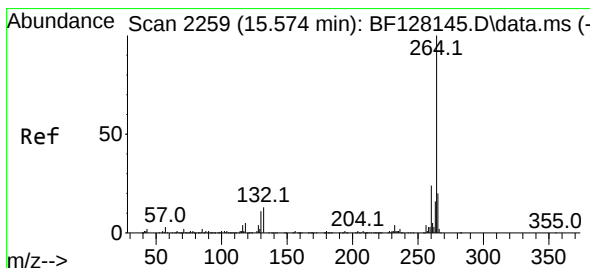
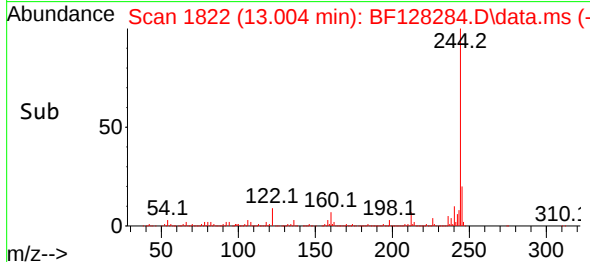
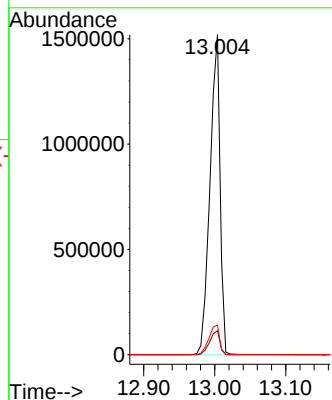
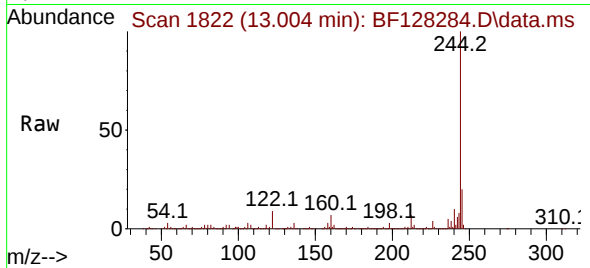




#79
 Terphenyl-d14
 Concen: 87.909 ng
 RT: 13.004 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF128284.D
 Acq: 17 May 2022 11:35

Instrument :
 BNA_F
 ClientSampleId :
 PB144826BL

Tgt Ion:244 Resp: 1503390
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.3 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: BF128284.D
 Acq: 17 May 2022 11:35

Tgt Ion:264 Resp: 256767
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 21.2 17.5 26.3

