

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128454.D
 Acq On : 25 May 2022 12:33
 Operator : CG\JU
 Sample : PB145019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145019BL

Quant Time: May 26 01:00:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

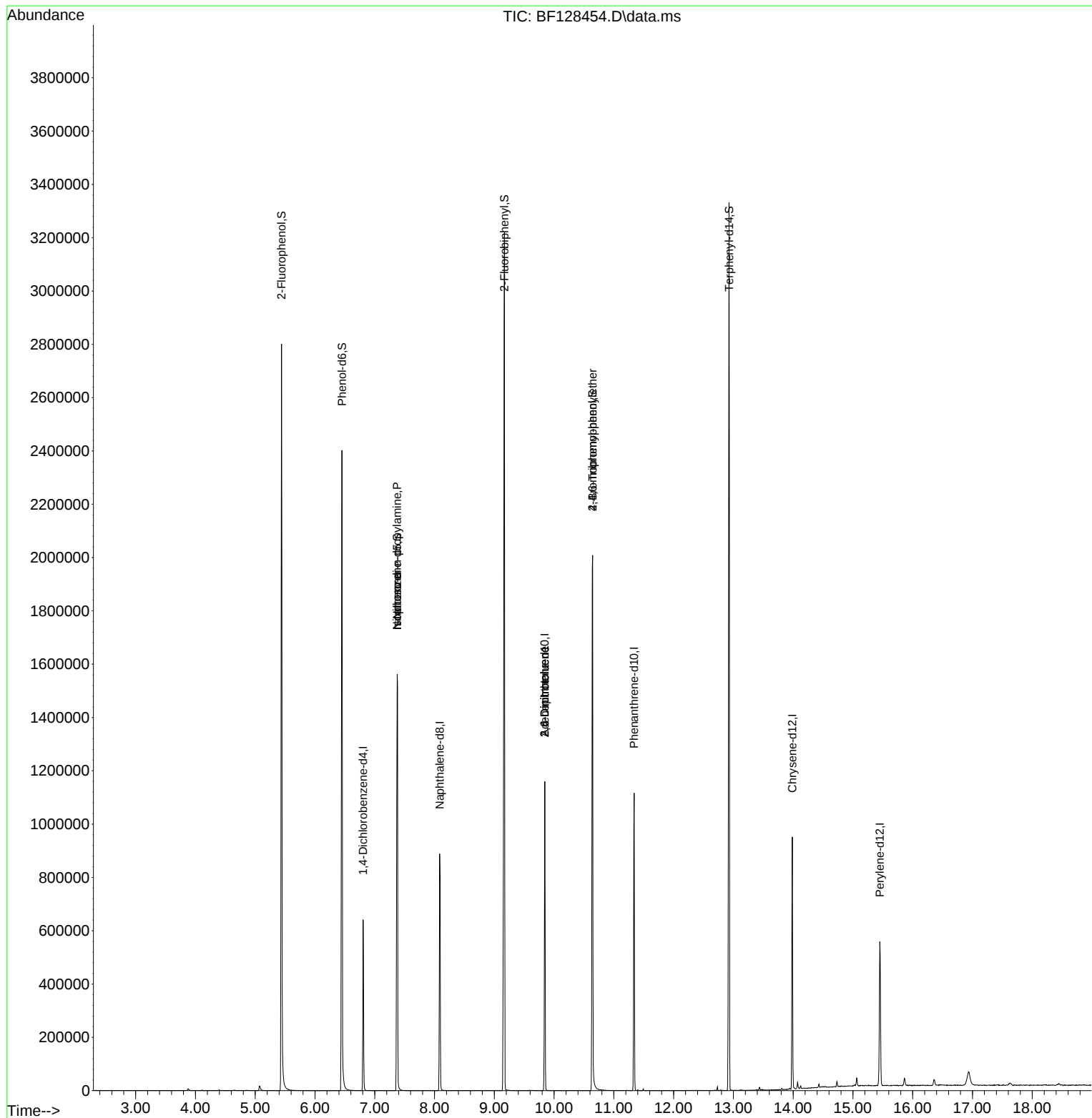
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	83216	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	408827	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	234923	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	408286	20.000	ng	0.00
76) Chrysene-d12	13.986	240	310993	20.000	ng	0.00
86) Perylene-d12	15.451	264	243341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	773718	147.961	ng	0.00
7) Phenol-d6	6.451	99	837638	121.648	ng	0.00
23) Nitrobenzene-d5	7.375	82	623498	68.332	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	275259	113.614	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1139058	79.292	ng	0.00
79) Terphenyl-d14	12.927	244	1218810	75.655	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	1524	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	85982	20.879	ng	# 81
25) Isophorone	7.375	82	623492	44.589	ng	# 68
51) 2,6-Dinitrotoluene	9.845	165	30041	9.179	ng	# 22
57) 2,4-Dinitrotoluene	9.845	165	30041	7.285	ng	# 26
67) 4-Bromophenyl-phenylether	10.645	248	16505	3.863	ng	# 1

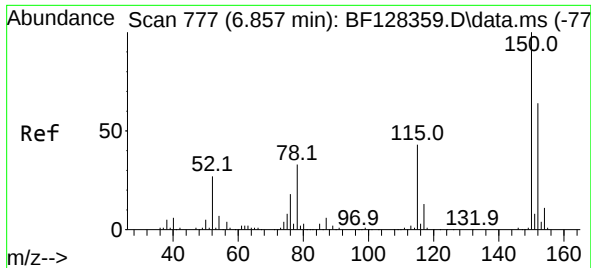
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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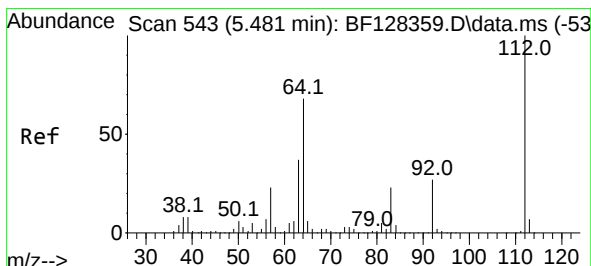
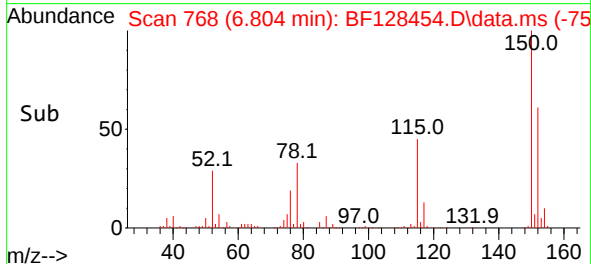
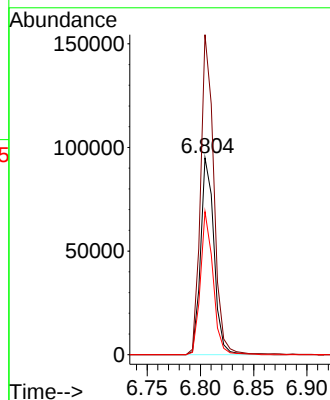
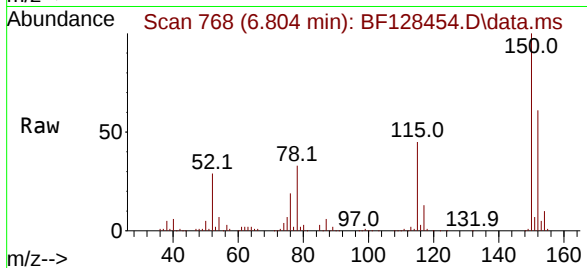




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

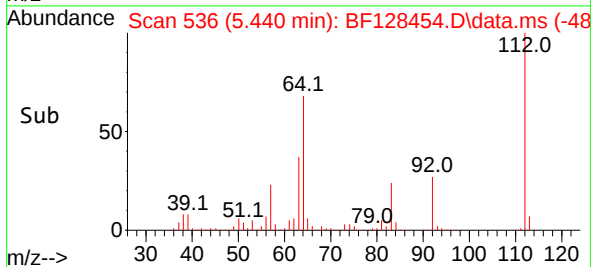
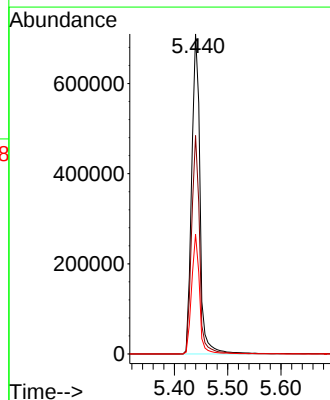
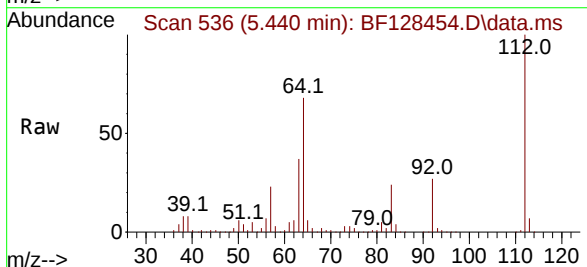
Instrument :
BNA_F
ClientSampleId :
PB145019BL

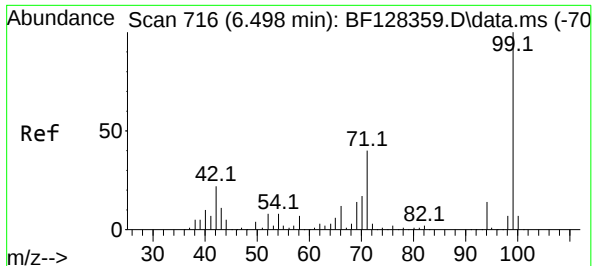
Tgt Ion:152 Resp: 83216
Ion Ratio Lower Upper
152 100
150 162.7 125.3 187.9
115 72.7 48.8 73.2



#5
2-Fluorophenol
Concen: 147.961 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

Tgt Ion:112 Resp: 773718
Ion Ratio Lower Upper
112 100
64 68.3 49.5 74.3
63 37.4 26.3 39.5

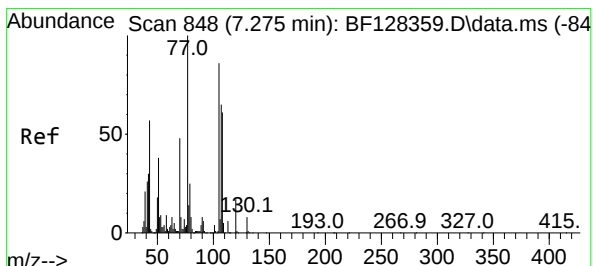
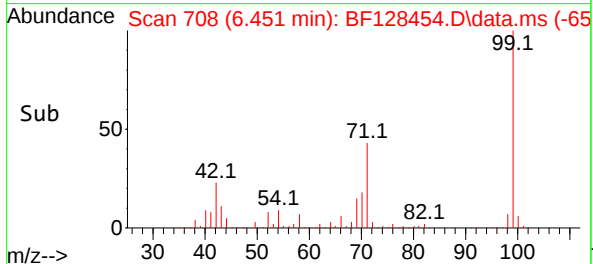
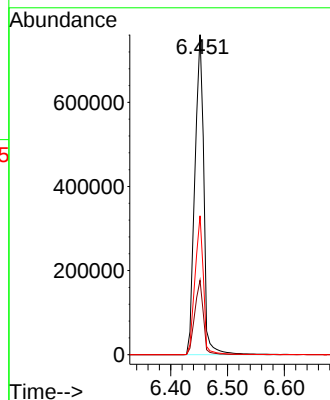
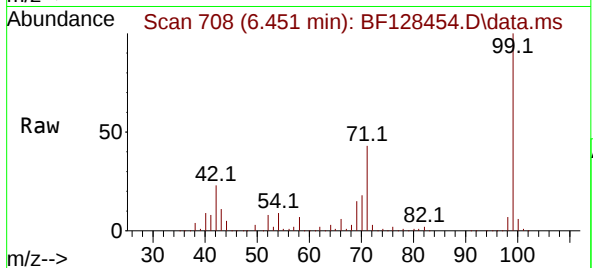




#7
Phenol-d6
Concen: 121.648 ng
RT: 6.451 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

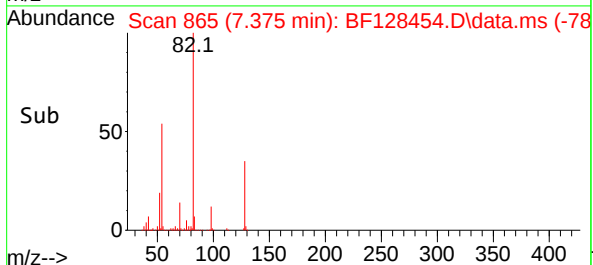
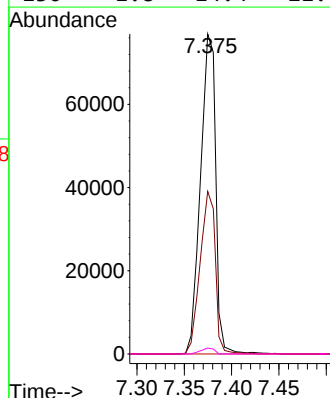
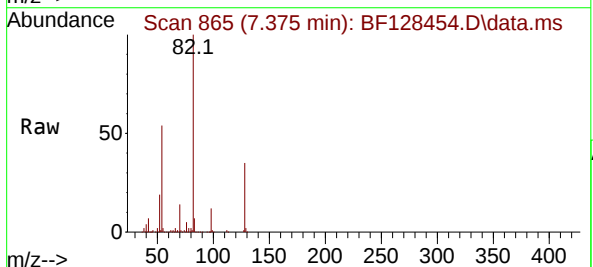
Instrument :
BNA_F
ClientSampleId :
PB145019BL

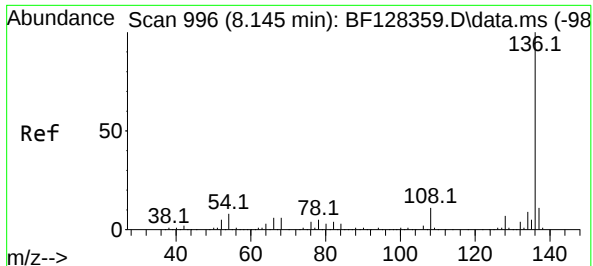
Tgt Ion: 99 Resp: 837638
Ion Ratio Lower Upper
99 100
42 23.2 16.6 24.8
71 43.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.879 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

Tgt Ion: 70 Resp: 85982
Ion Ratio Lower Upper
70 100
42 50.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128454.D

Acq: 25 May 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB145019BL

Tgt Ion:136 Resp: 408827

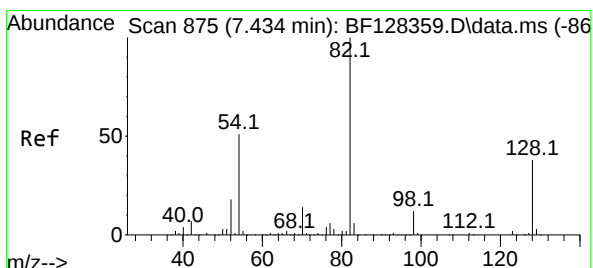
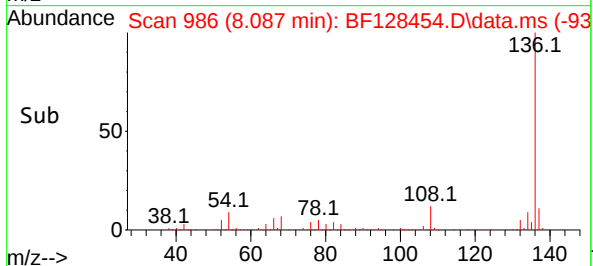
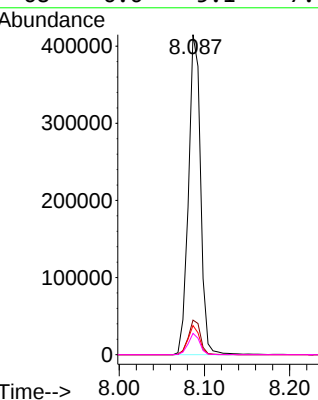
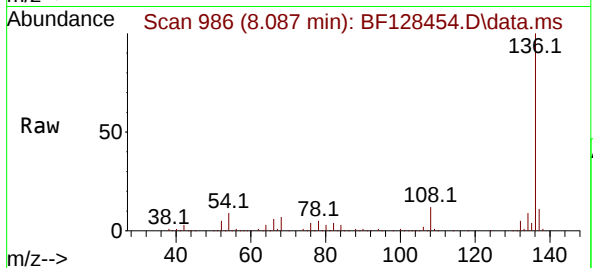
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.1 6.8 10.2

68 6.6 5.1 7.7



#23

Nitrobenzene-d5

Concen: 68.332 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF128454.D

Acq: 25 May 2022 12:33

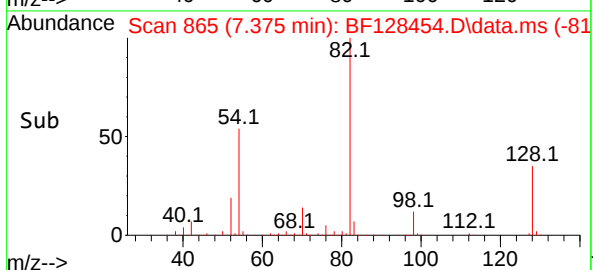
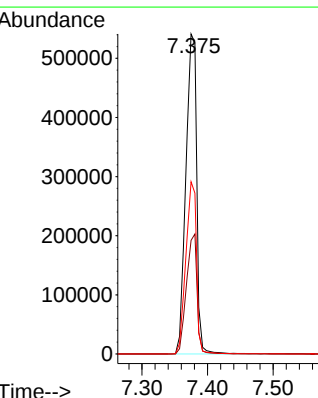
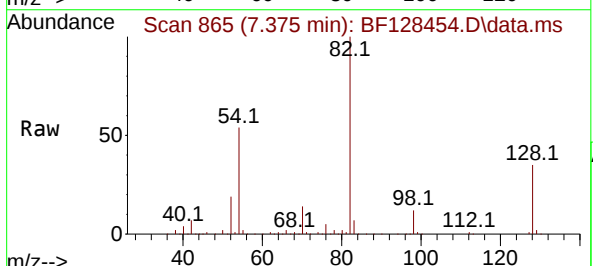
Tgt Ion: 82 Resp: 623498

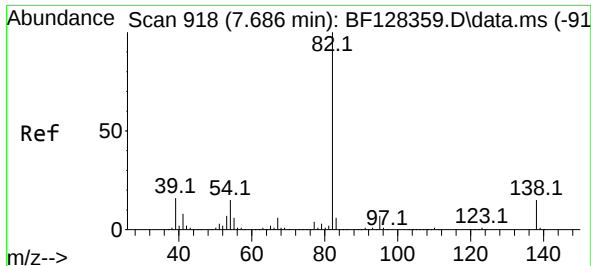
Ion Ratio Lower Upper

82 100

128 35.5 30.0 45.0

54 53.8 41.3 61.9

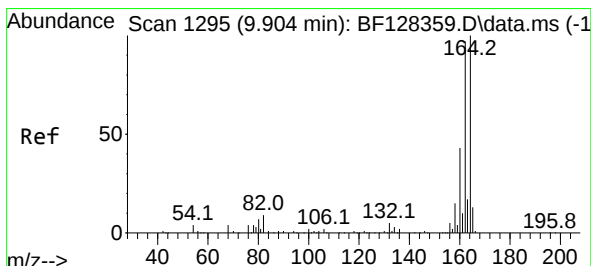
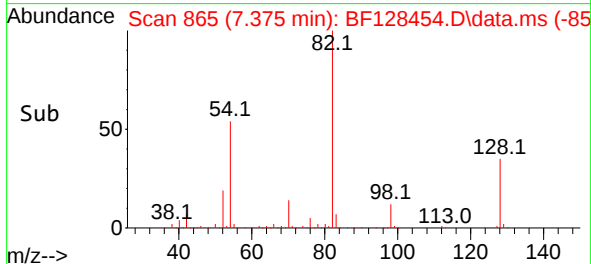
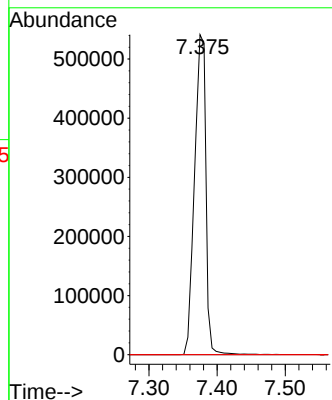
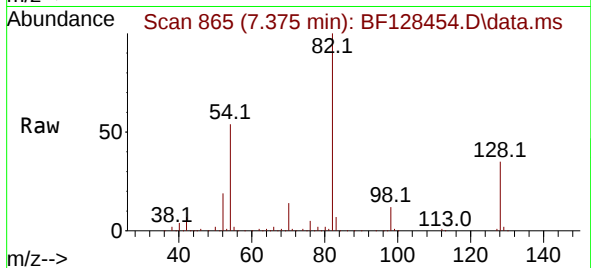




#25
Isophorone
Concen: 44.589 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

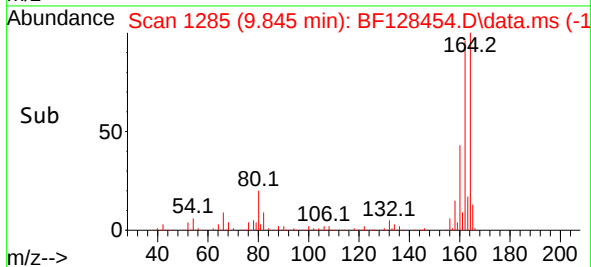
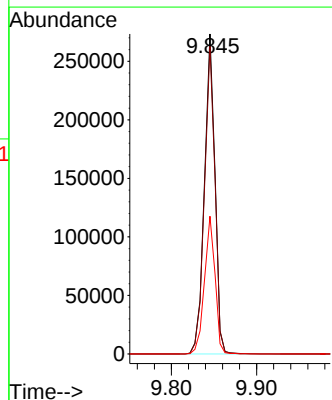
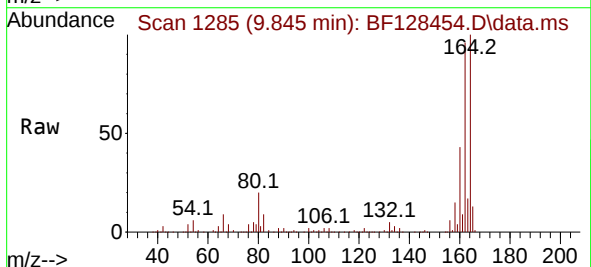
Instrument :
BNA_F
ClientSampleId :
PB145019BL

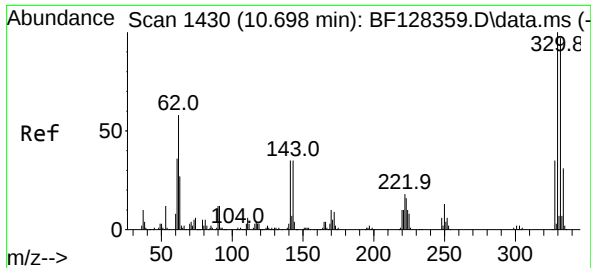
Tgt Ion: 82 Resp: 623492
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

Tgt Ion: 164 Resp: 234923
Ion Ratio Lower Upper
164 100
162 96.1 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 113.614 ng

RT: 10.645 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF128454.D

Acq: 25 May 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB145019BL

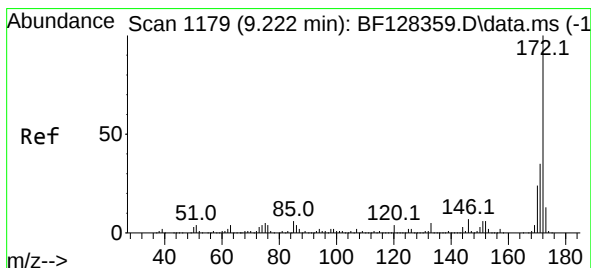
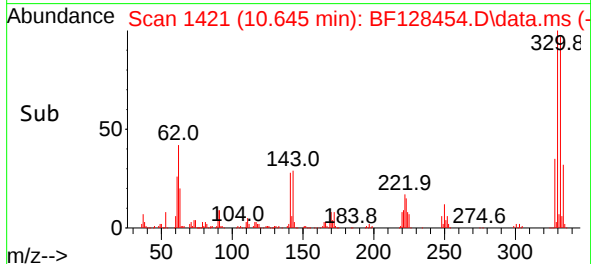
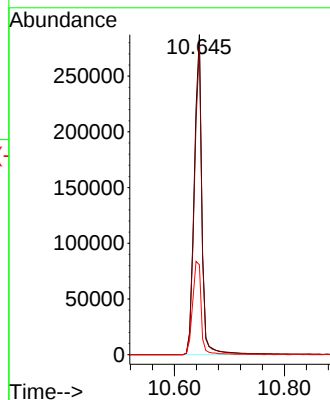
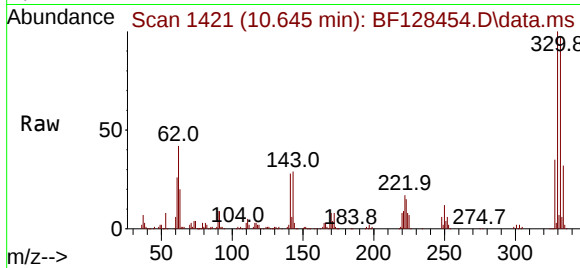
Tgt Ion:330 Resp: 275259

Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

141 33.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 79.292 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF128454.D

Acq: 25 May 2022 12:33

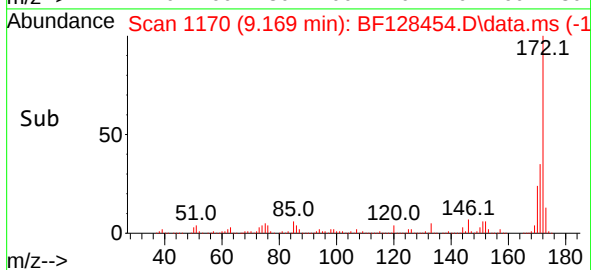
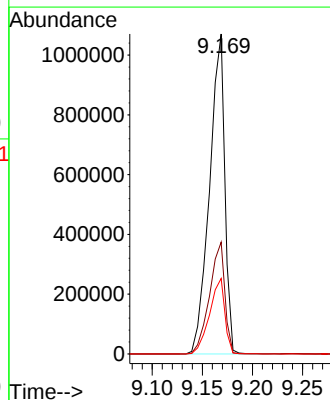
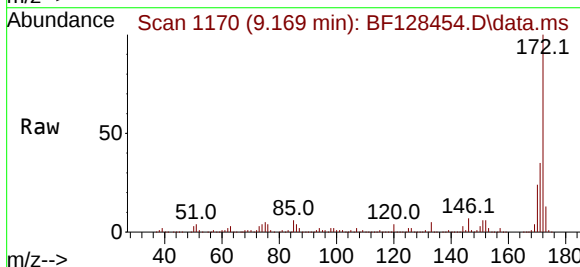
Tgt Ion:172 Resp: 1139058

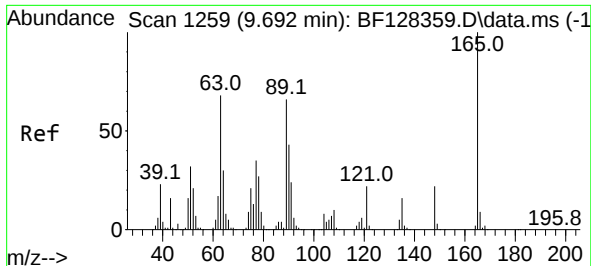
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.179 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF128454.D

Acq: 25 May 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB145019BL

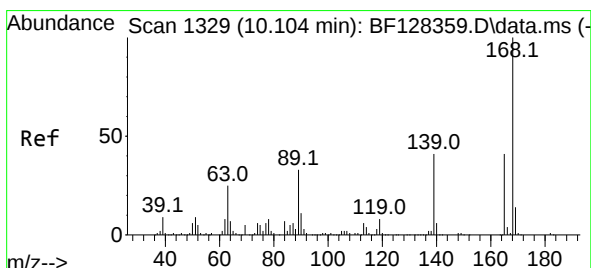
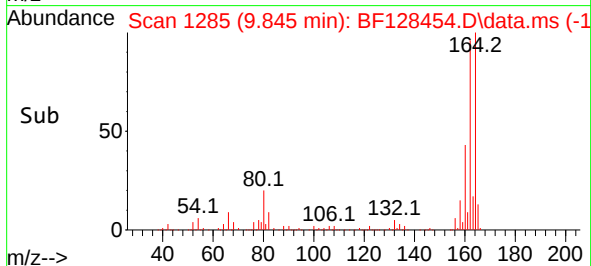
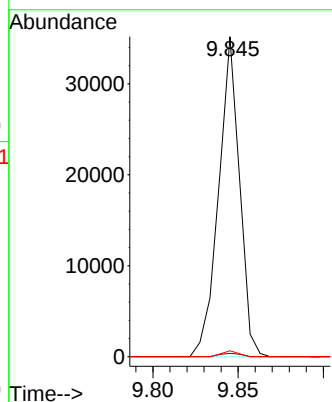
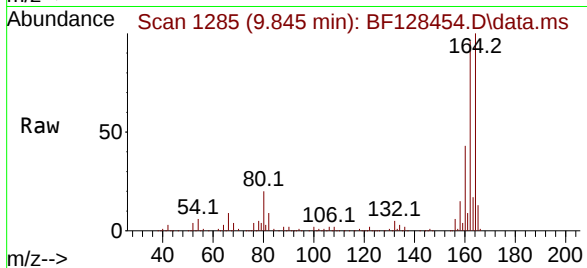
Tgt Ion:165 Resp: 30041

Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.9 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.285 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.206 min

Lab File: BF128454.D

Acq: 25 May 2022 12:33

Tgt Ion:165 Resp: 30041

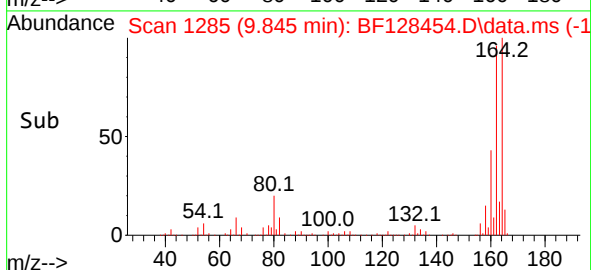
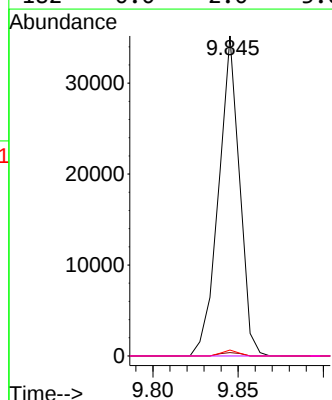
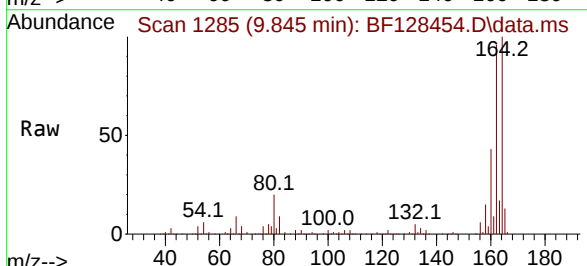
Ion Ratio Lower Upper

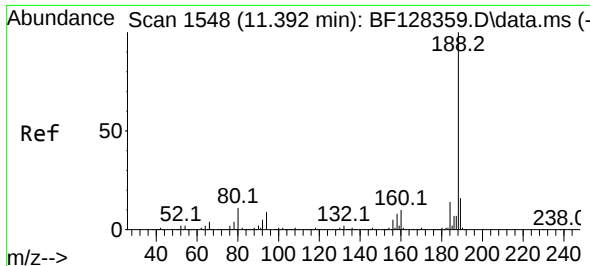
165 100

63 1.1 32.6 49.0#

89 1.9 55.2 82.8#

182 0.0 2.0 3.0#

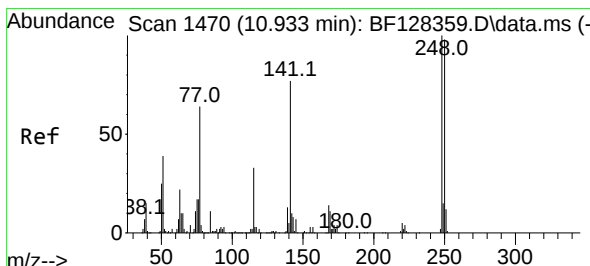
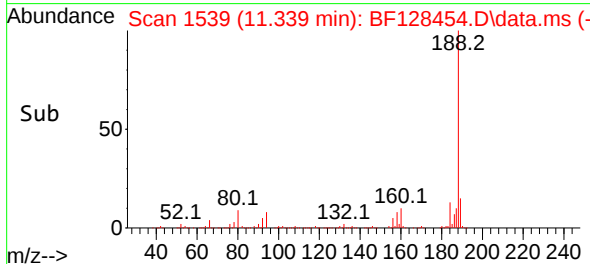
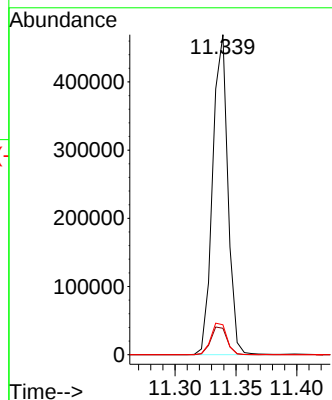
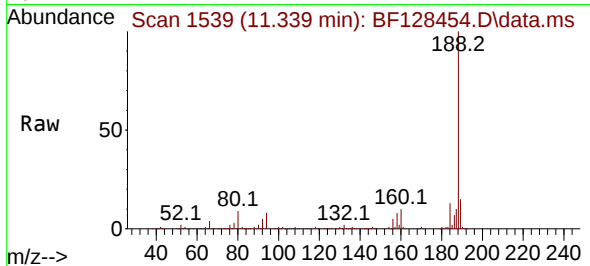




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

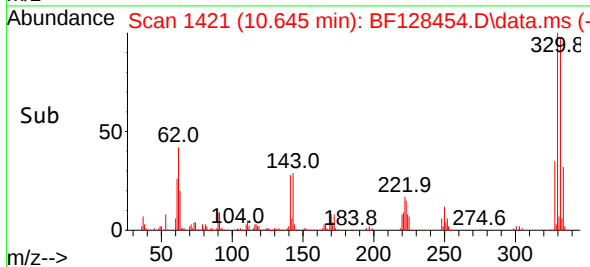
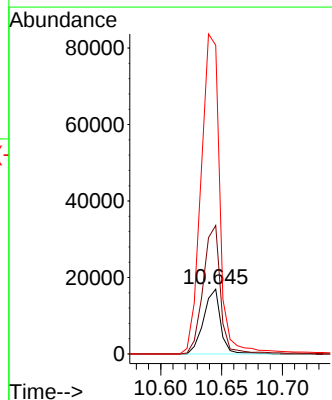
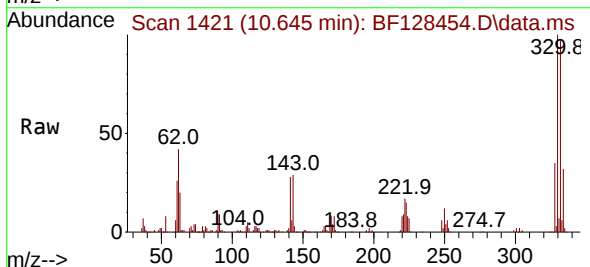
Instrument :
BNA_F
ClientSampleId :
PB145019BL

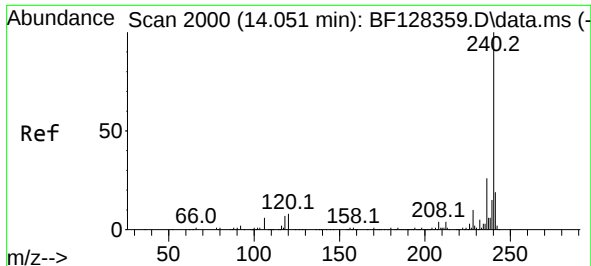
Tgt Ion:188 Resp: 408286
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.863 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.235 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

Tgt Ion:248 Resp: 16505
Ion Ratio Lower Upper
248 100
250 198.3 77.7 116.5#
141 476.5 65.6 98.4#

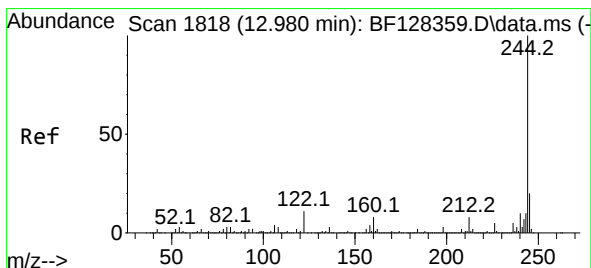
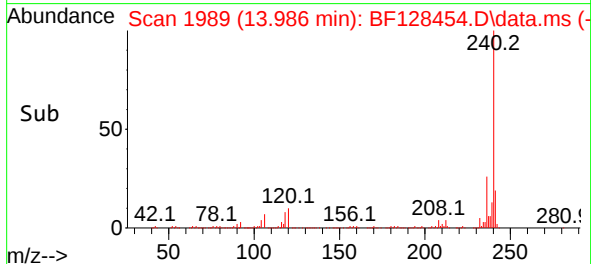
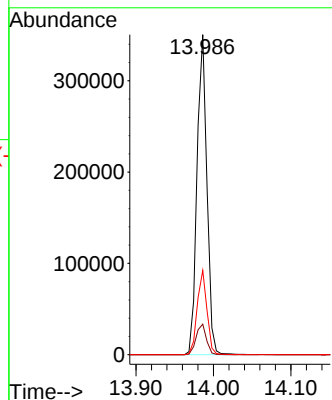
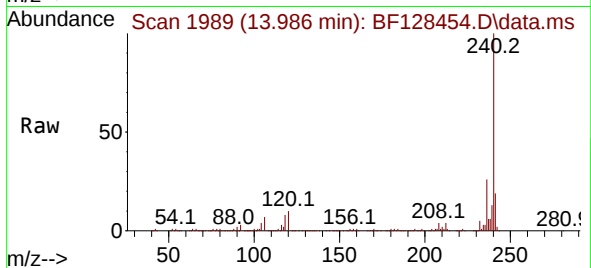




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

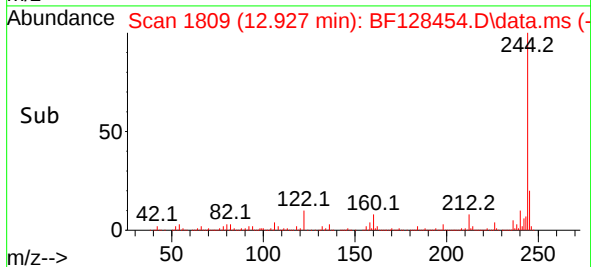
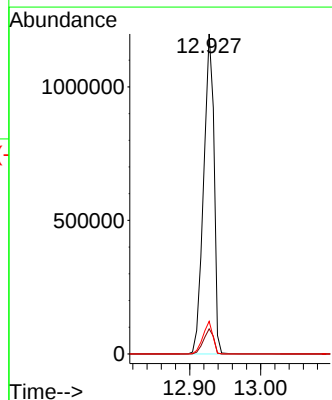
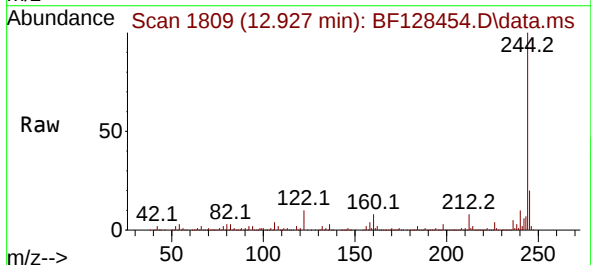
Instrument :
BNA_F
ClientSampleId :
PB145019BL

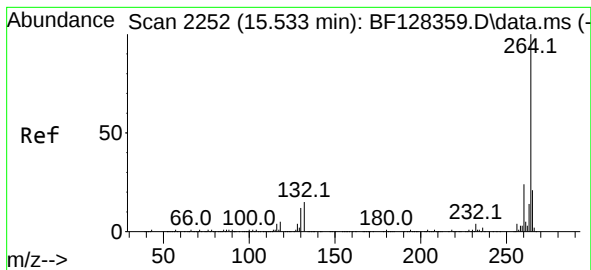
Tgt Ion:240 Resp: 310993
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 75.655 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF128454.D
Acq: 25 May 2022 12:33

Tgt Ion:244 Resp: 1218810
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 10.2 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128454.D

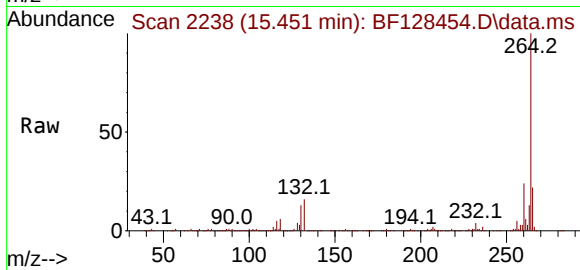
Acq: 25 May 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB145019BL



Tgt Ion:264 Resp: 243341

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 22.0 17.5 26.3

