

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128458.D
 Acq On : 25 May 2022 14:28
 Operator : CG\JU
 Sample : N2896-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-2430-01

Quant Time: May 26 01:00:38 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)

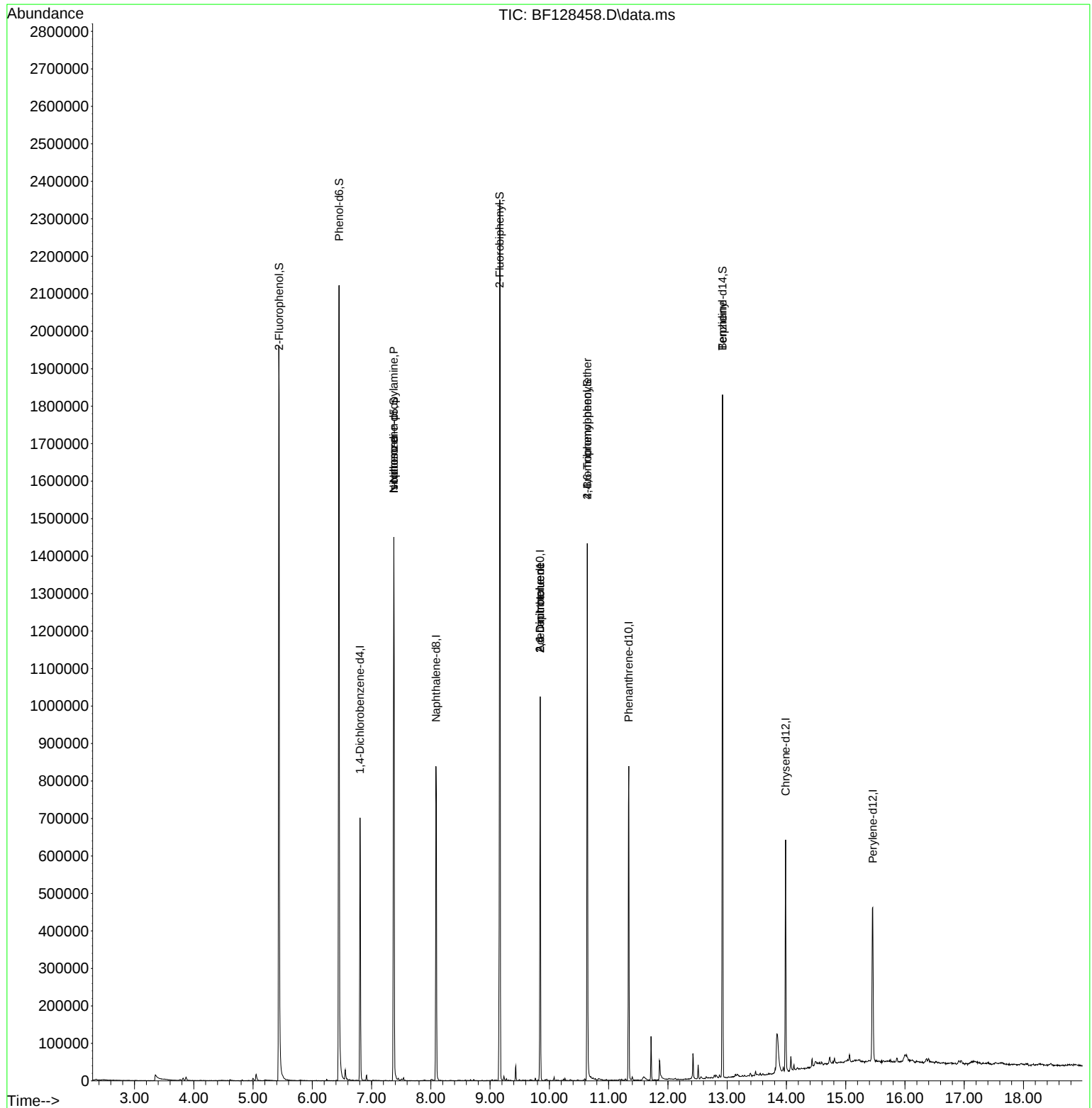
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	99715	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	368249	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	194597	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	303860	20.000	ng	0.00
76) Chrysene-d12	13.986	240	196994	20.000	ng	0.00
86) Perylene-d12	15.457	264	190964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	562945	89.842	ng	0.00
7) Phenol-d6	6.451	99	717240	86.928	ng	0.00
23) Nitrobenzene-d5	7.375	82	510676	62.134	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	162058	80.751	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	735766	61.832	ng	0.00
79) Terphenyl-d14	12.922	244	584507	57.278	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.393	77	253	Below Cal	#	39
19) n-Nitroso-di-n-propyla...	7.375	70	68197	13.820	ng	# 77
25) Isophorone	7.375	82	510670	40.545	ng	# 68
51) 2,6-Dinitrotoluene	9.845	165	24384	8.994	ng	# 21
57) 2,4-Dinitrotoluene	9.845	165	24384	7.139	ng	# 26
67) 4-Bromophenyl-phenylether	10.639	248	9823	3.089	ng	# 1
77) Benizidine	12.922	184	8495	2.073	ng	# 95

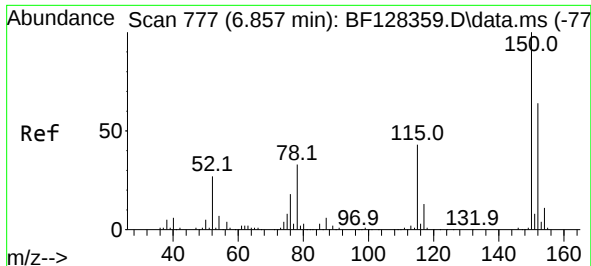
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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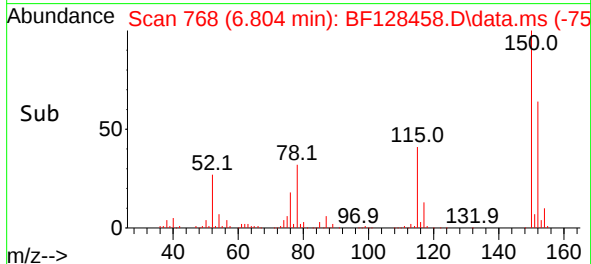
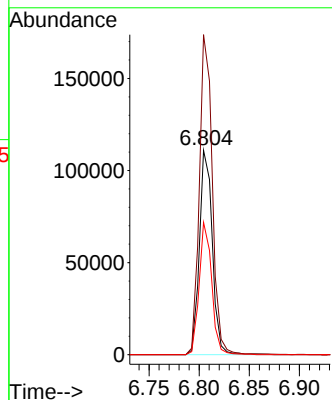
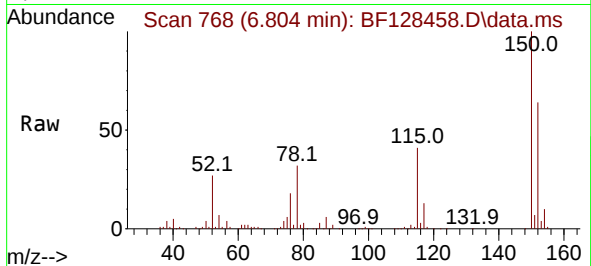




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

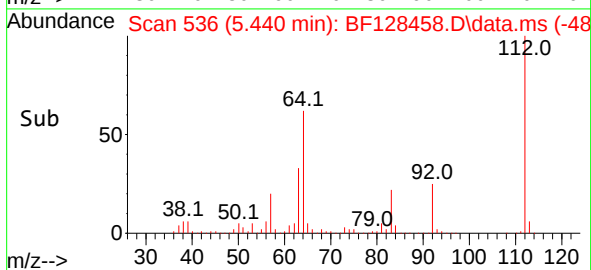
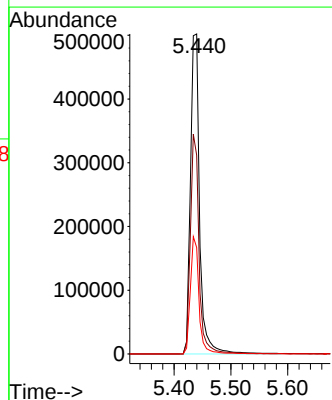
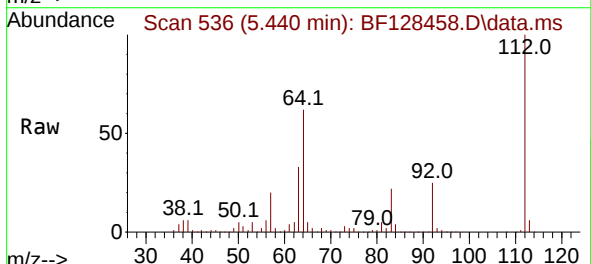
Instrument :
BNA_F
ClientSampleId :
P040-SS001-2430-01

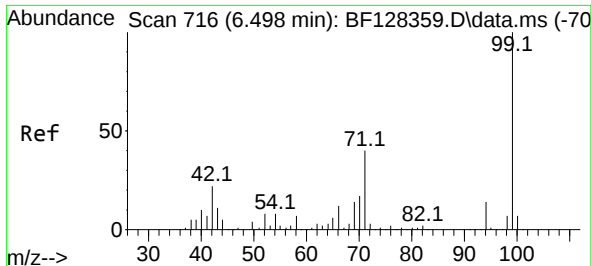
Tgt Ion:152 Resp: 99715
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 64.8 48.8 73.2



#5
2-Fluorophenol
Concen: 89.842 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

Tgt Ion:112 Resp: 562945
Ion Ratio Lower Upper
112 100
64 62.1 49.5 74.3
63 33.2 26.3 39.5

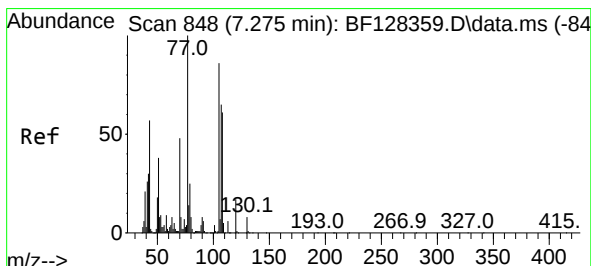
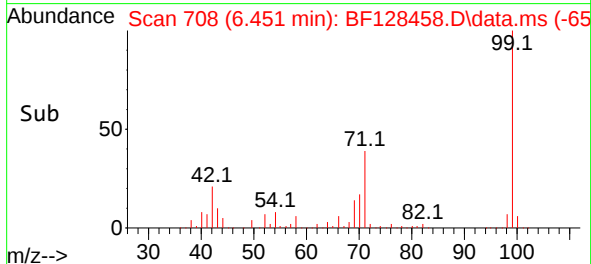
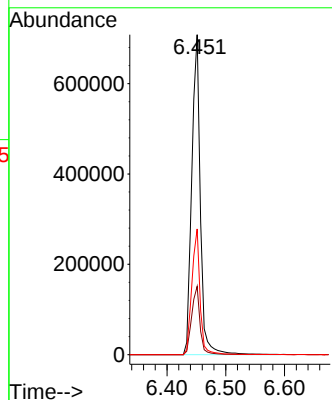
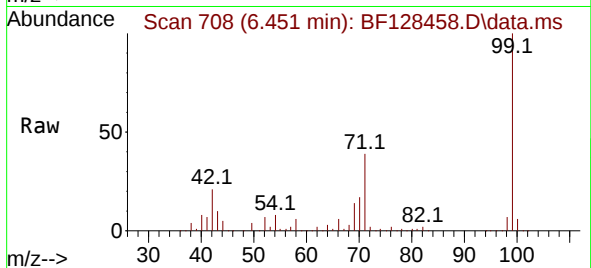




#7
Phenol-d6
Concen: 86.928 ng
RT: 6.451 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

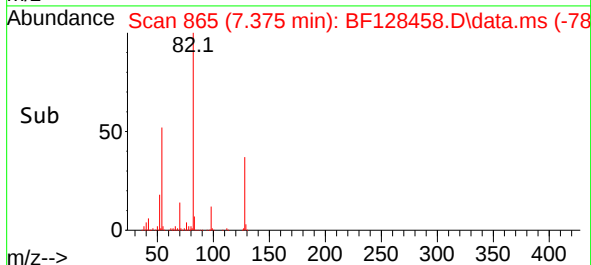
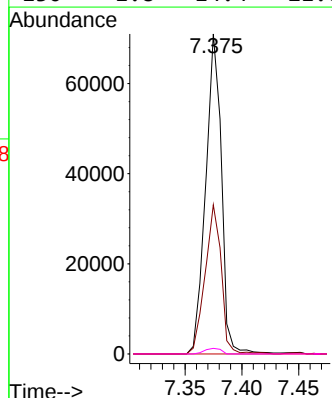
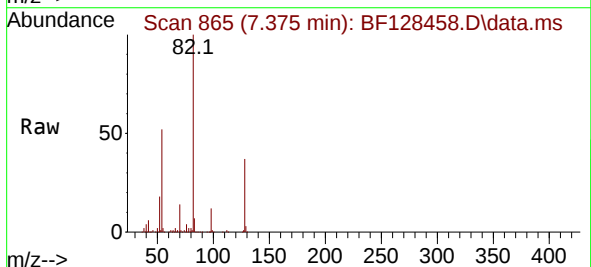
Instrument :
BNA_F
ClientSampleId :
P040-SS001-2430-01

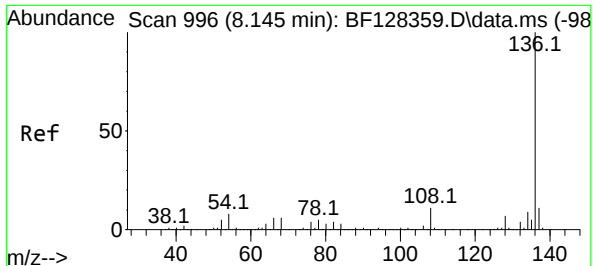
Tgt Ion: 99 Resp: 717240
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.820 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

Tgt Ion: 70 Resp: 68197
Ion Ratio Lower Upper
70 100
42 46.6 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: BF128458.D

Acq: 25 May 2022 14:28

Instrument :

BNA_F

ClientSampleId :

P040-SS001-2430-01

Tgt Ion:136 Resp: 368249

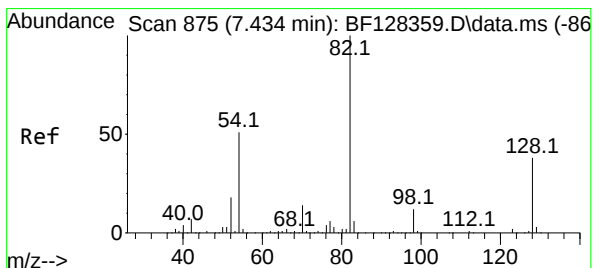
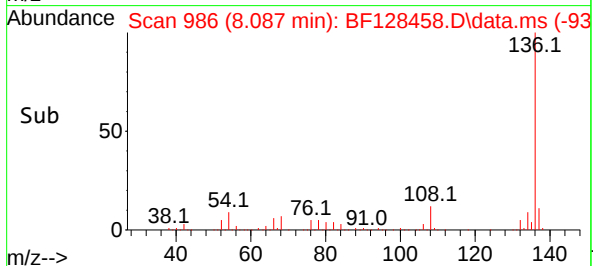
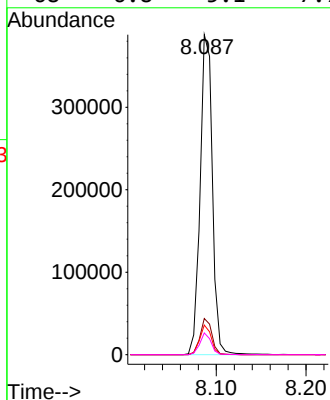
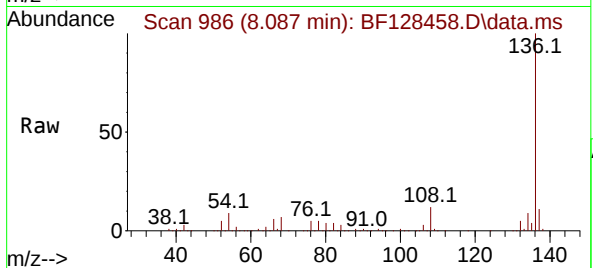
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.2 6.8 10.2

68 6.8 5.1 7.7



#23

Nitrobenzene-d5

Concen: 62.134 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF128458.D

Acq: 25 May 2022 14:28

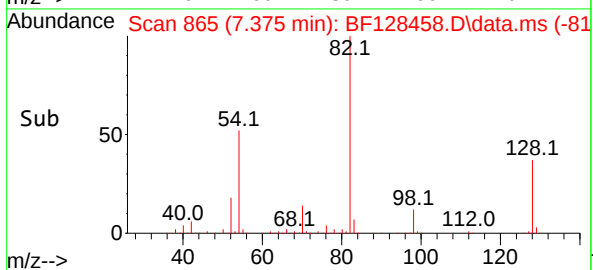
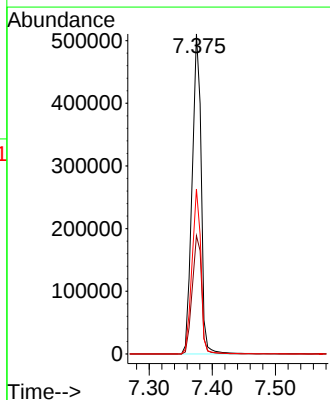
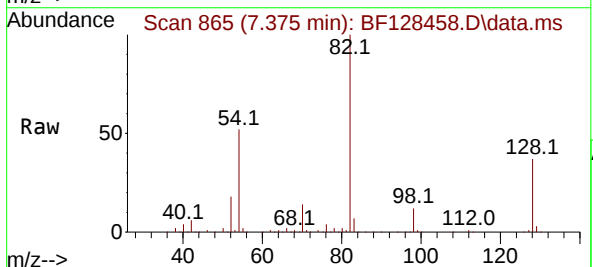
Tgt Ion: 82 Resp: 510676

Ion Ratio Lower Upper

82 100

128 37.0 30.0 45.0

54 51.5 41.3 61.9

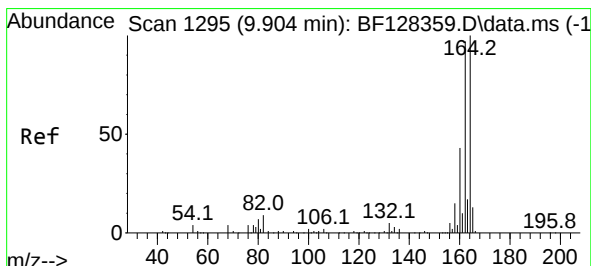
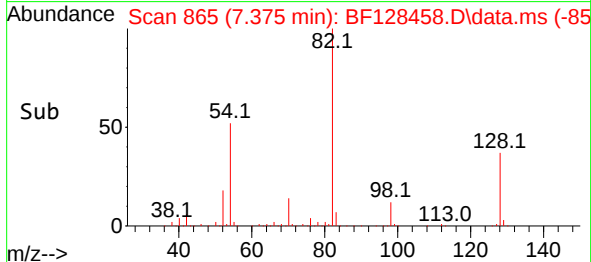
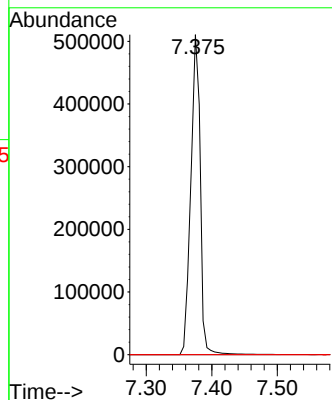
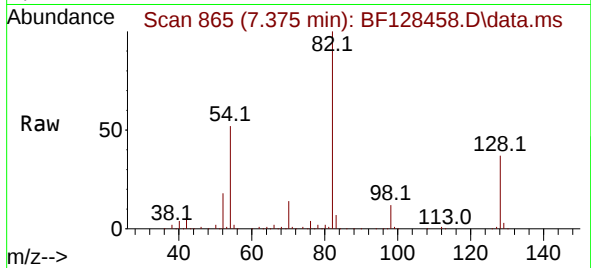




#25
Isophorone
Concen: 40.545 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

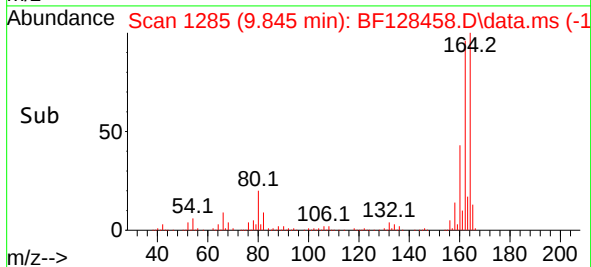
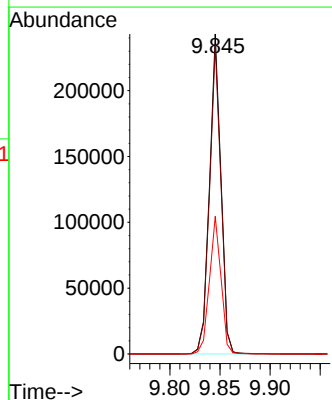
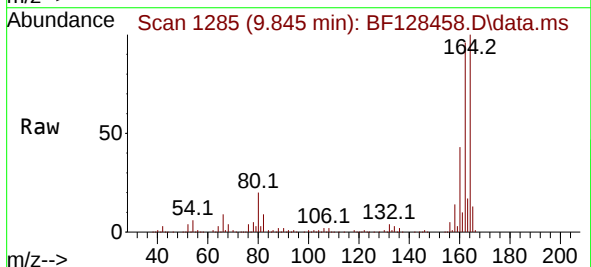
Instrument :
BNA_F
ClientSampleId :
P040-SS001-2430-01

Tgt Ion: 82 Resp: 510670
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: BF128458.D
Acq: 25 May 2022 14:28

Tgt Ion: 164 Resp: 194597
Ion Ratio Lower Upper
164 100
162 96.5 76.0 114.0
160 43.0 34.8 52.2

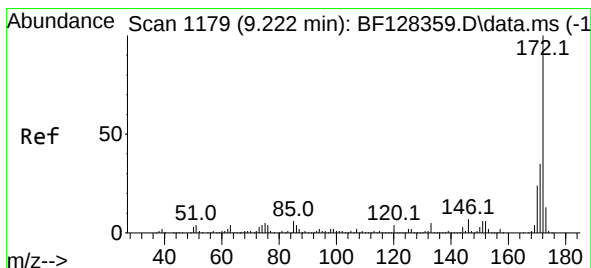
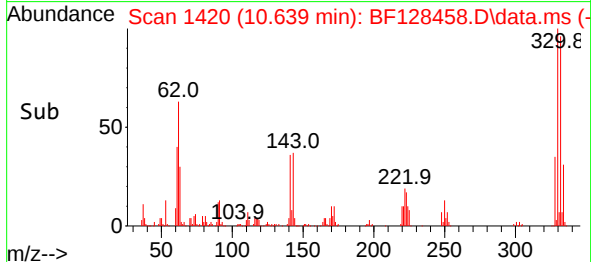
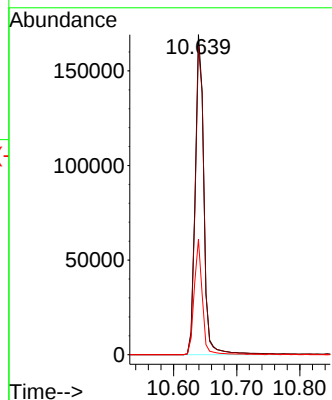
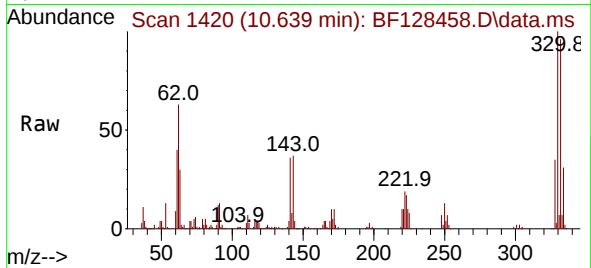




#42
2,4,6-Tribromophenol
Concen: 80.751 ng
RT: 10.639 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

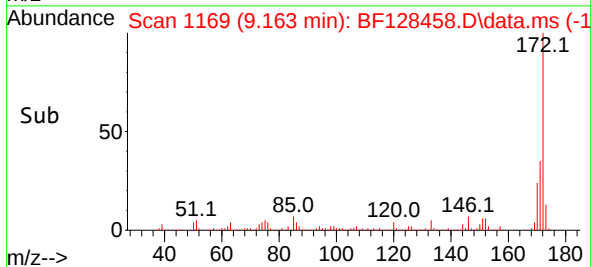
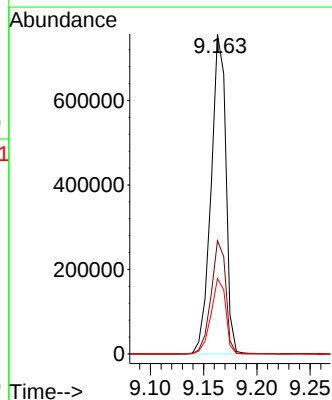
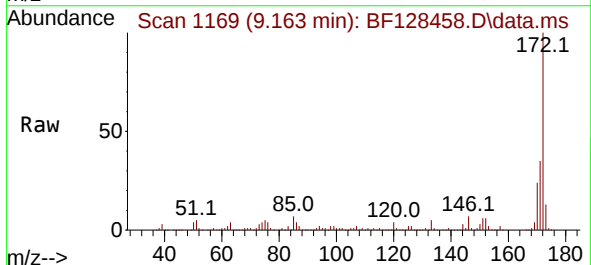
Instrument :
BNA_F
ClientSampleId :
P040-SS001-2430-01

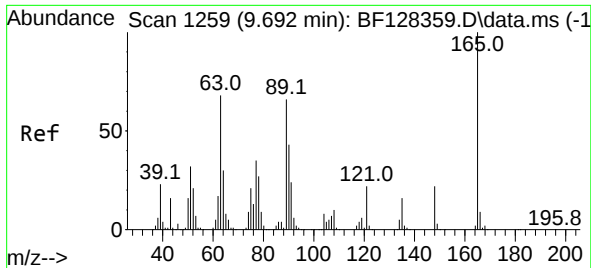
Tgt Ion:330 Resp: 162058
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 61.832 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

Tgt Ion:172 Resp: 735766
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 19.1 28.7

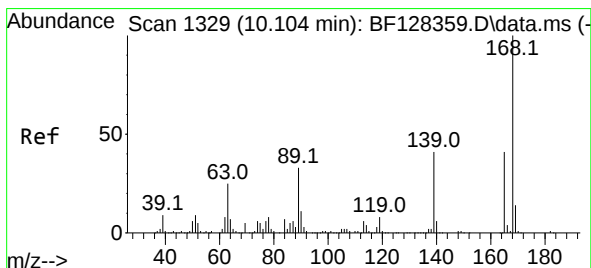
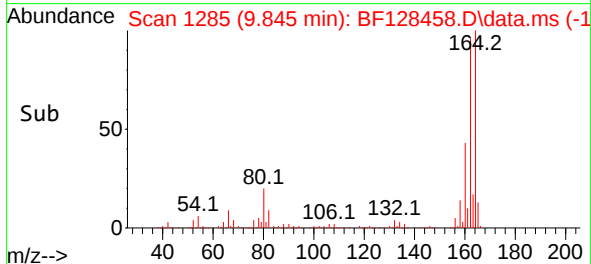
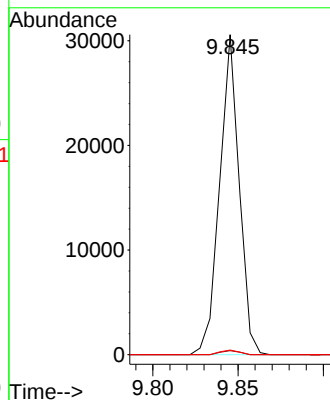
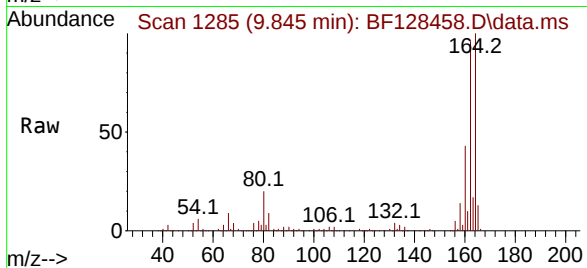




#51
2,6-Dinitrotoluene
Concen: 8.994 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

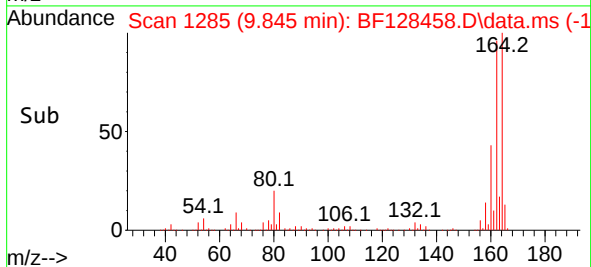
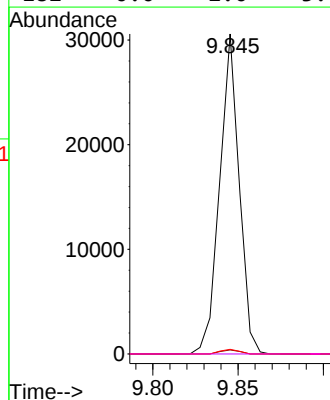
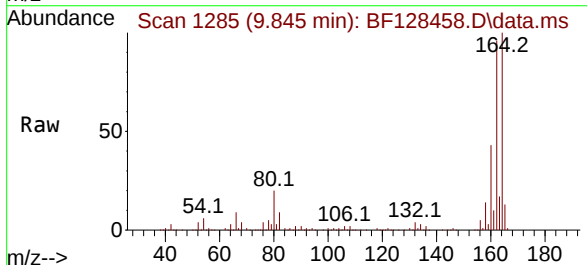
Instrument :
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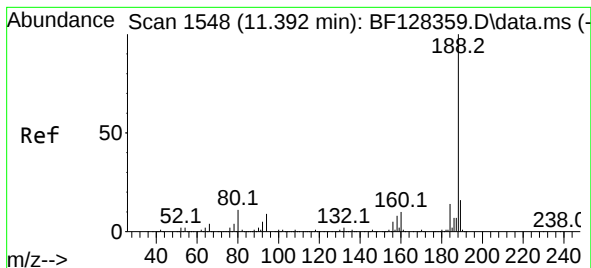
Tgt Ion:165 Resp: 24384
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.139 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.206 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

Tgt Ion:165 Resp: 24384
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.4 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: BF128458.D

Acq: 25 May 2022 14:28

Instrument :

BNA_F

ClientSampleId :

P040-SS001-2430-01

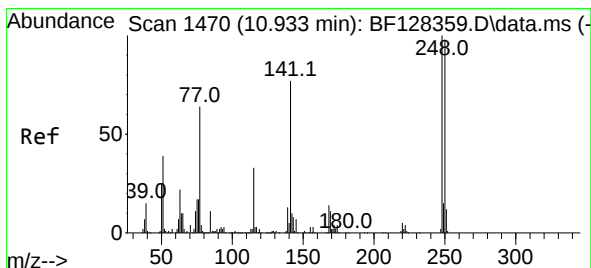
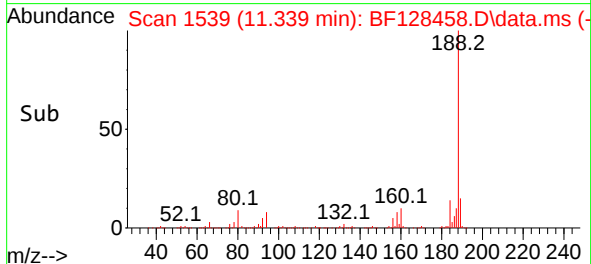
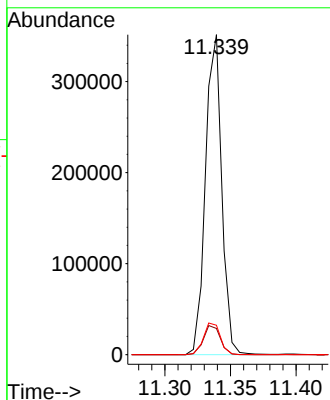
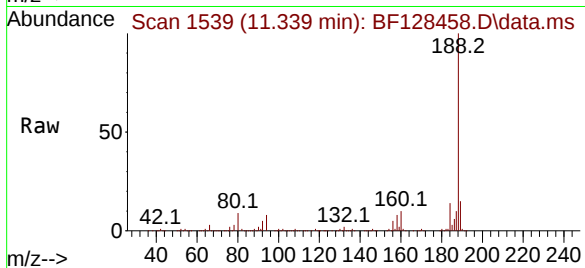
Tgt Ion:188 Resp: 303860

Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

80 9.2 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.089 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.241 min

Lab File: BF128458.D

Acq: 25 May 2022 14:28

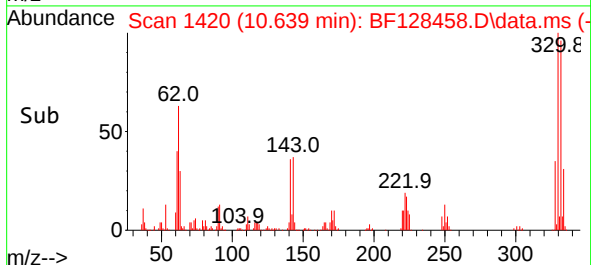
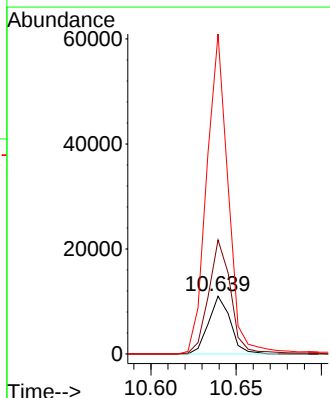
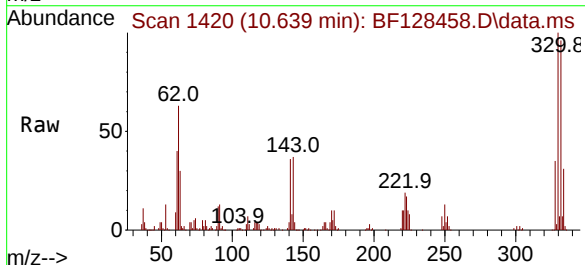
Tgt Ion:248 Resp: 9823

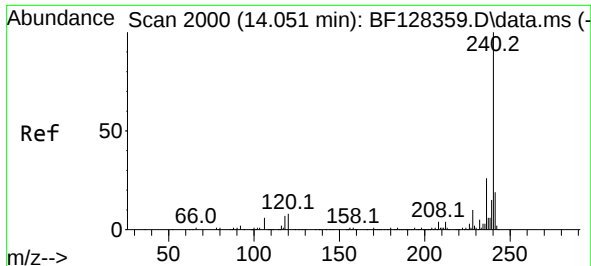
Ion Ratio Lower Upper

248 100

250 197.5 77.7 116.5#

141 554.1 65.6 98.4#

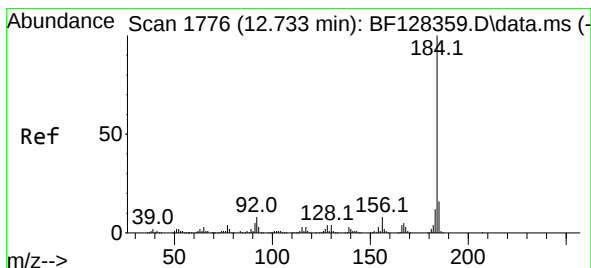
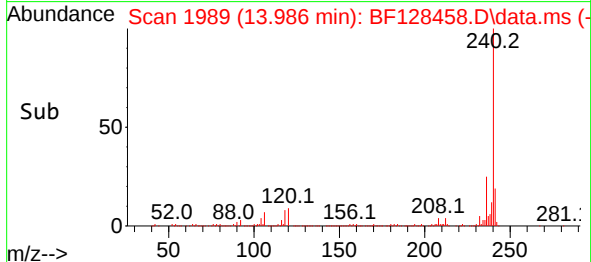
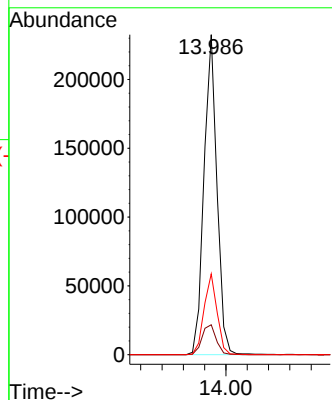
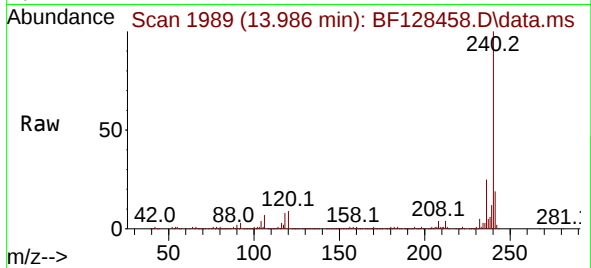




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

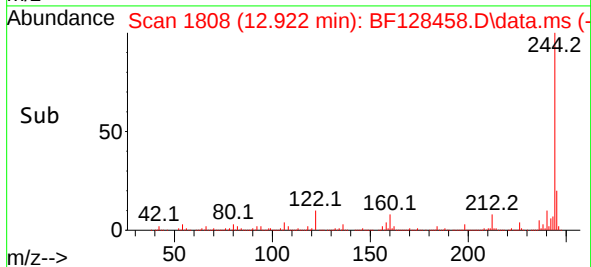
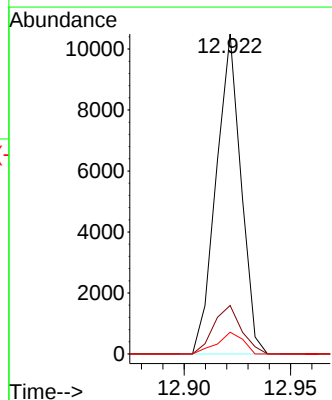
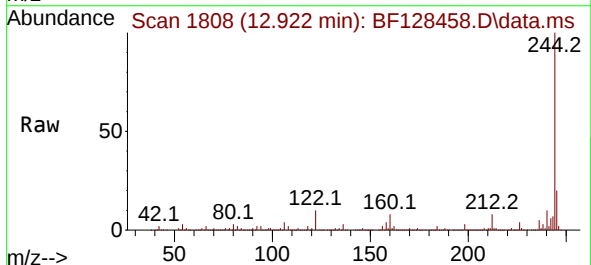
Instrument :
BNA_F
ClientSampleId :
P040-SS001-2430-01

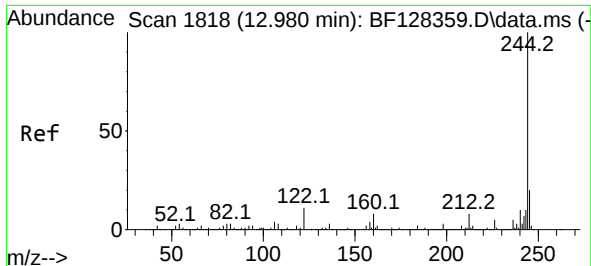
Tgt Ion:240 Resp: 196994
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.3 20.3 30.5



#77
Benzidine
Concen: 2.073 ng
RT: 12.922 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

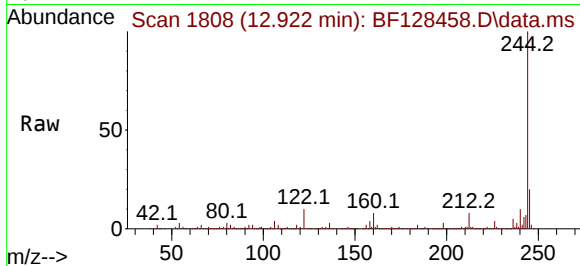
Tgt Ion:184 Resp: 8495
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 6.8 9.0 13.4#



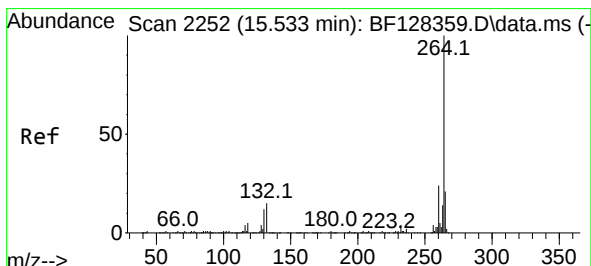
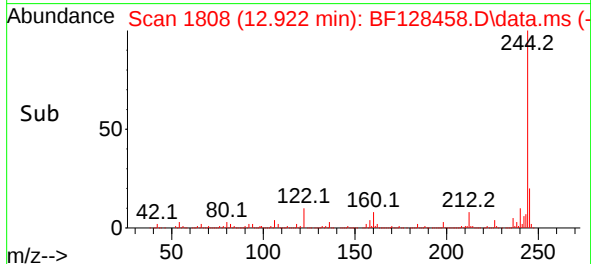
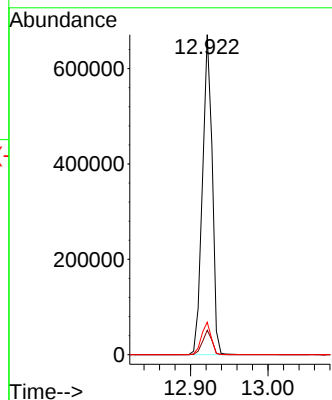


#79
 Terphenyl-d14
 Concen: 57.278 ng
 RT: 12.922 min Scan# 1808
 Delta R.T. -0.006 min
 Lab File: BF128458.D
 Acq: 25 May 2022 14:28

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-2430-01



Tgt Ion:244 Resp: 584507
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: BF128458.D
 Acq: 25 May 2022 14:28

Tgt Ion:264 Resp: 190964
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 21.2 17.5 26.3

