

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
 Data File : BF128876.D
 Acq On : 20 Jun 2022 14:57
 Operator : CG\JU
 Sample : N3383-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-01-(10-11.5)

Quant Time: Jun 21 01:14:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

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

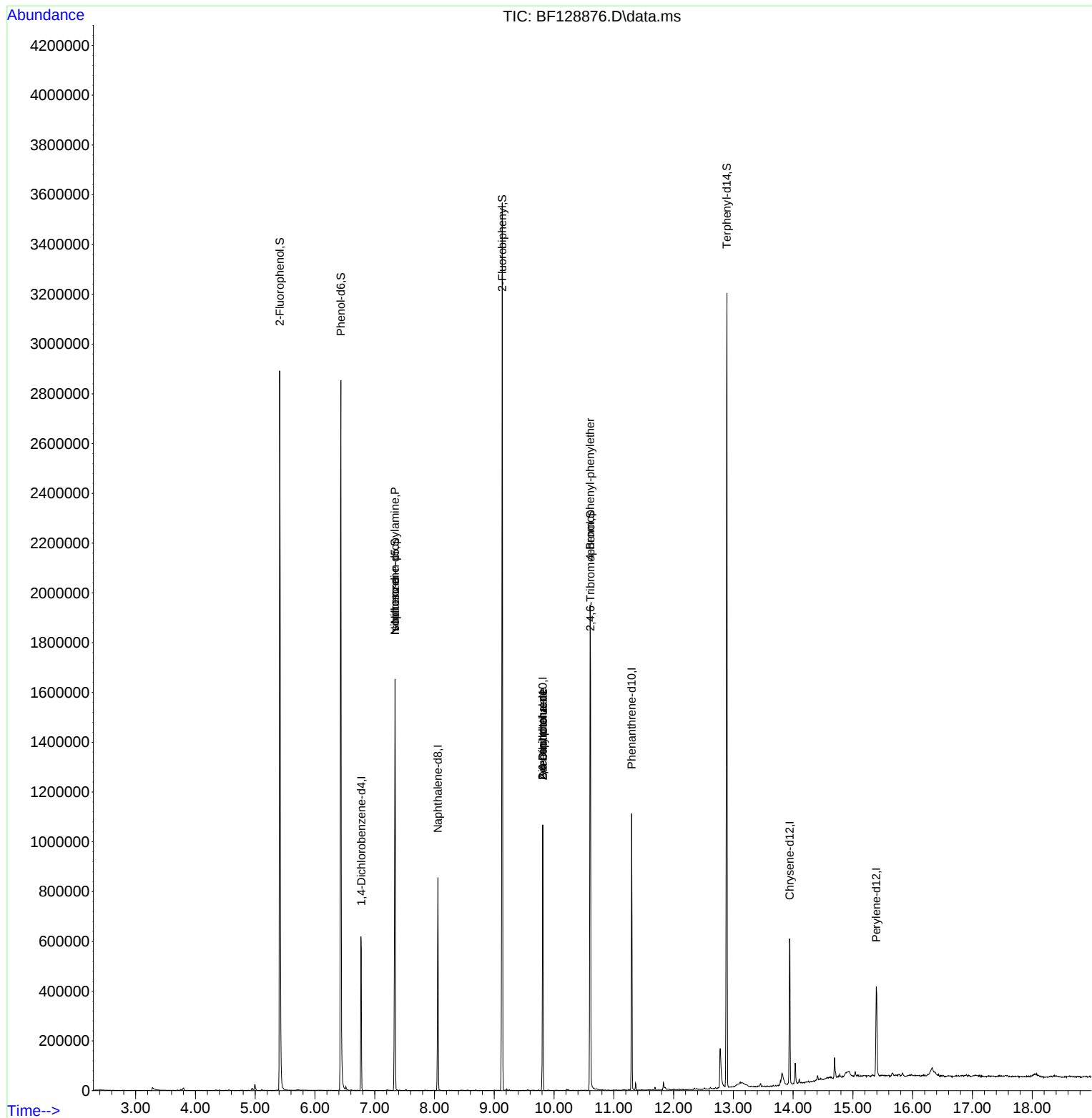
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	85487	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	341761	20.00	ng	# 0.00
39) Acenaphthene-d10	9.810	164	193782	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	361017	20.00	ng	0.00
76) Chrysene-d12	13.945	240	206823	20.00	ng	# 0.00
86) Perylene-d12	15.392	264	159892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	667845	124.44	ng	0.00
7) Phenol-d6	6.434	99	861967	131.57	ng	0.00
23) Nitrobenzene-d5	7.340	82	525923	71.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	237622	103.78	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1026115	74.18	ng	0.00
79) Terphenyl-d14	12.892	244	1079364	90.68	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	74490	18.29	ng	# 77
25) Isophorone	7.340	82	524588	47.05	ng	# 65
50) Dimethylphthalate	9.810	163	35457	2.67	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	24919	9.52	ng	# 26
57) 2,4-Dinitrotoluene	9.810	165	24919	7.13	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	15556	3.86	ng	# 1

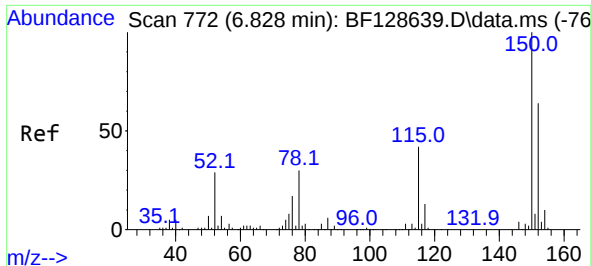
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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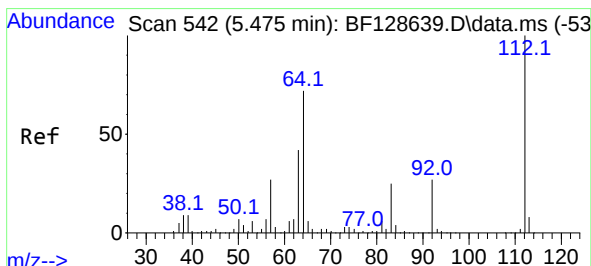
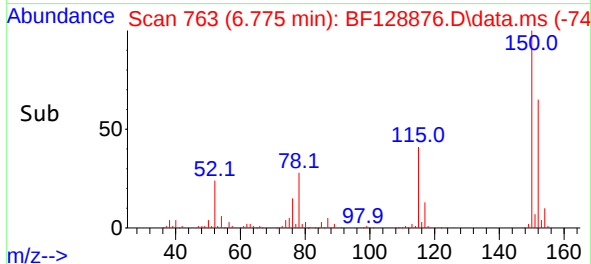
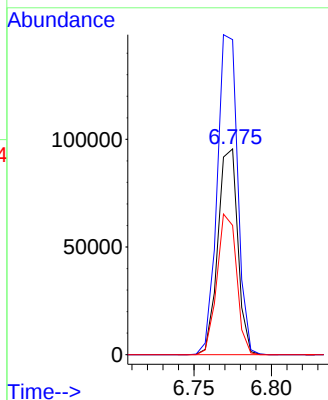
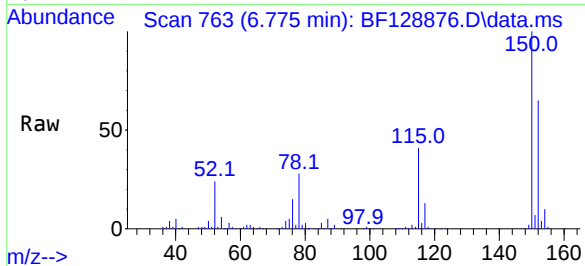




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

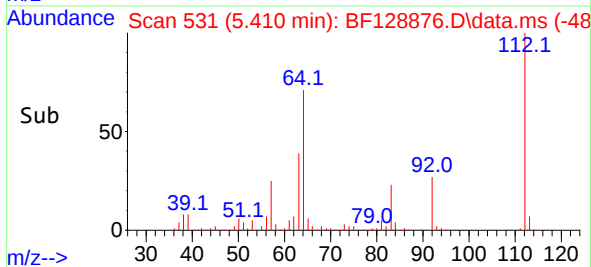
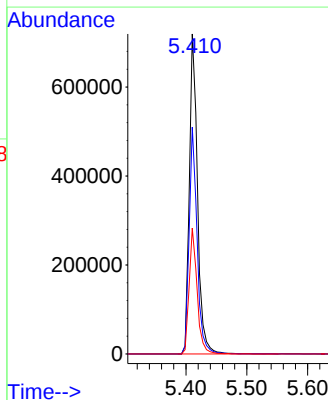
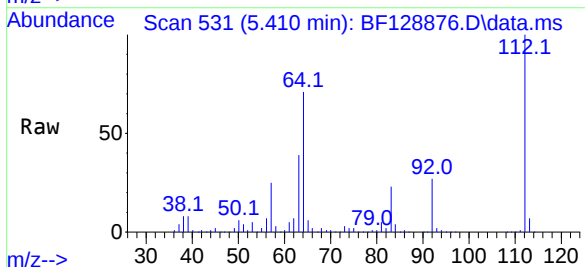
Instrument :
BNA_F
ClientSampleId :
RB-01-(10-11.5)

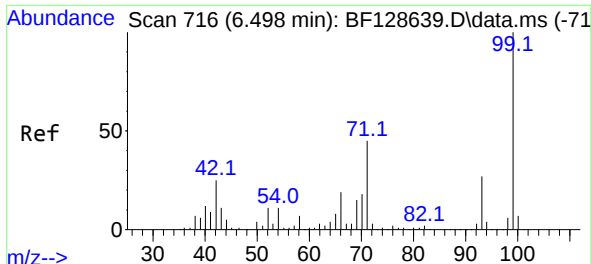
Tgt Ion:152 Resp: 85487
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 124.44 ng
RT: 5.410 min Scan# 531
Delta R.T. 0.000 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

Tgt Ion:112 Resp: 667845
Ion Ratio Lower Upper
112 100
64 70.9 53.3 79.9
63 39.4 28.0 42.0

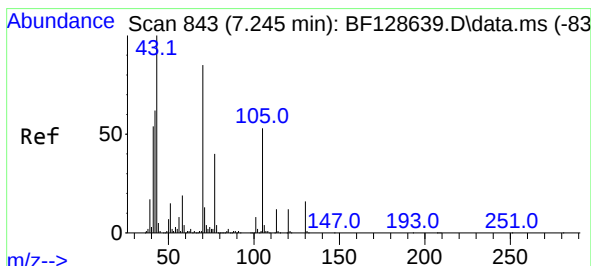
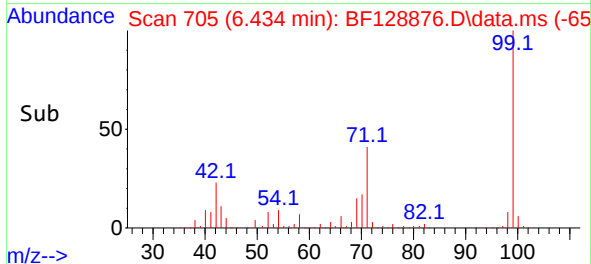
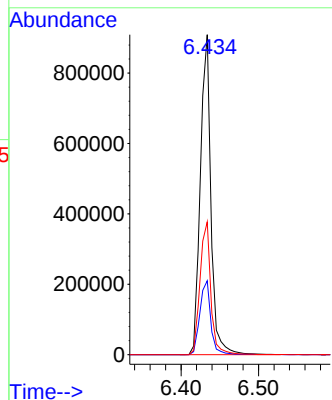
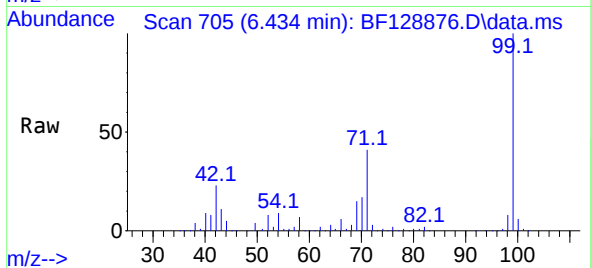




#7
Phenol-d6
Concen: 131.57 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

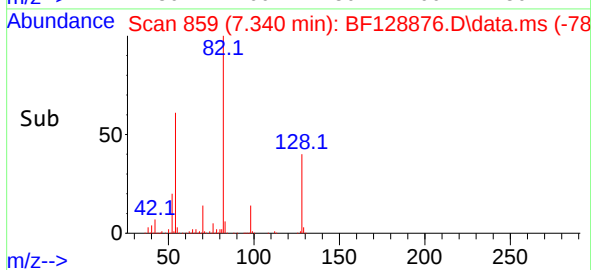
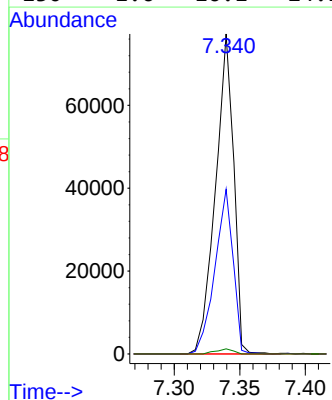
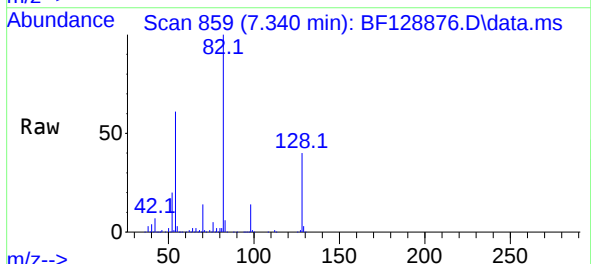
Instrument :
BNA_F
ClientSampleId :
RB-01-(10-11.5)

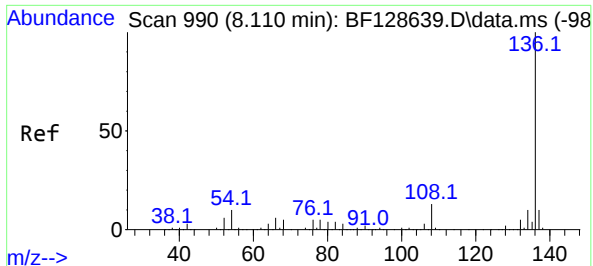
Tgt Ion: 99 Resp: 861967
Ion Ratio Lower Upper
99 100
42 23.1 17.3 25.9
71 41.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.29 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.141 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

Tgt Ion: 70 Resp: 74490
Ion Ratio Lower Upper
70 100
42 51.5 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.057 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128876.D

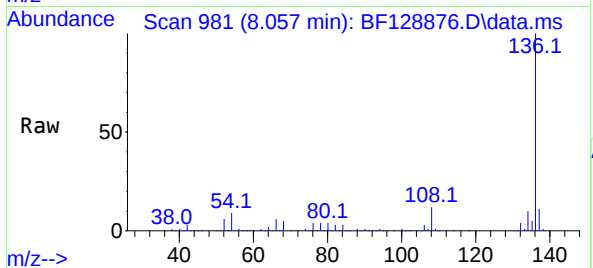
Acq: 20 Jun 2022 14:57

Instrument :

BNA_F

ClientSampleId :

RB-01-(10-11.5)



Tgt Ion:136 Resp: 341761

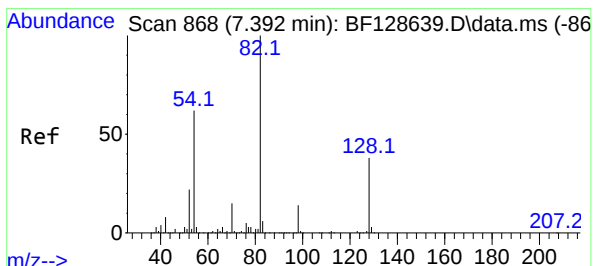
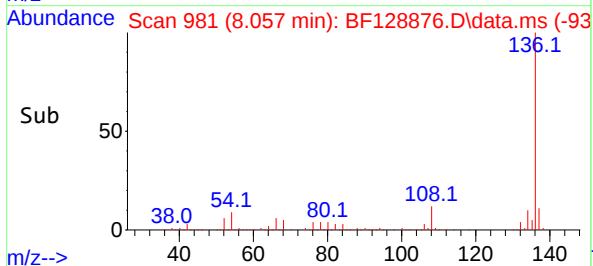
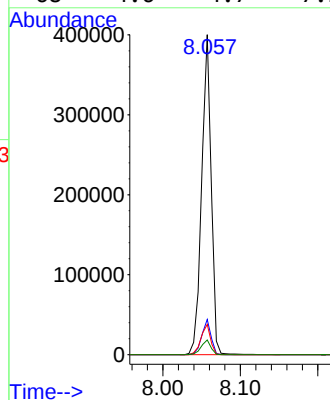
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.5 7.5 11.3

68 4.6 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 71.65 ng

RT: 7.340 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF128876.D

Acq: 20 Jun 2022 14:57

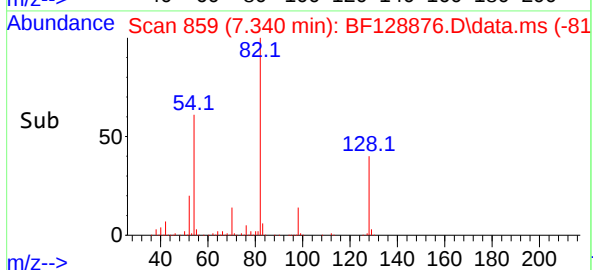
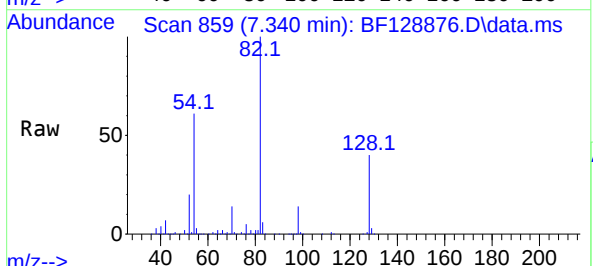
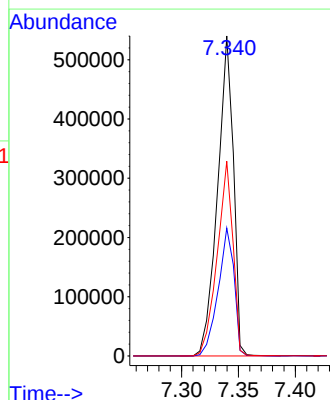
Tgt Ion: 82 Resp: 525923

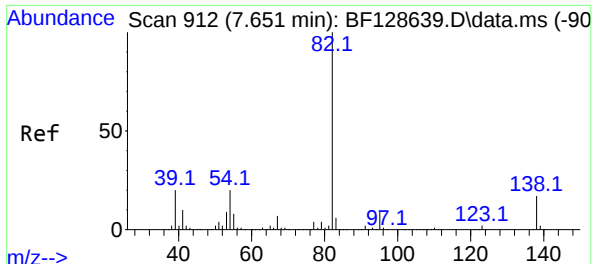
Ion Ratio Lower Upper

82 100

128 40.0 34.0 51.0

54 60.9 46.9 70.3

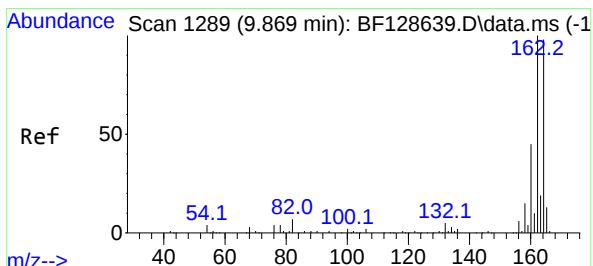
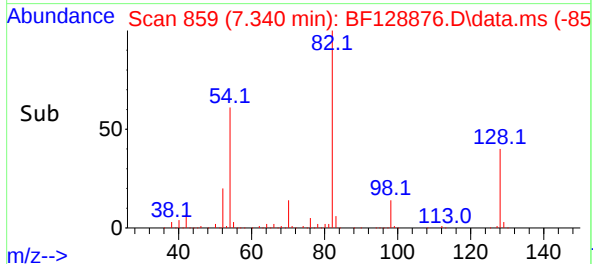
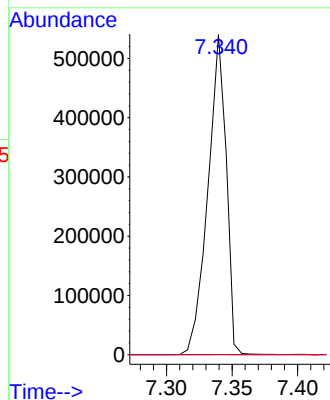
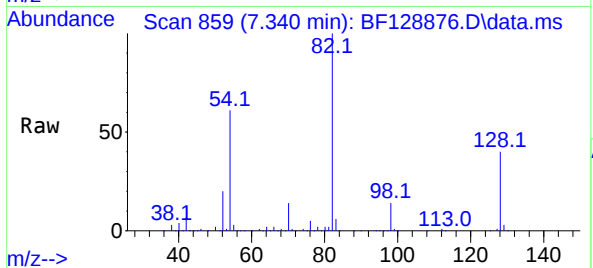




#25
Isophorone
Concen: 47.05 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

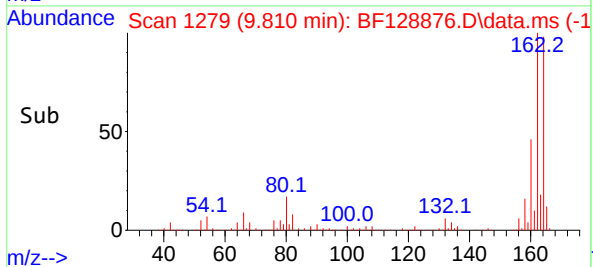
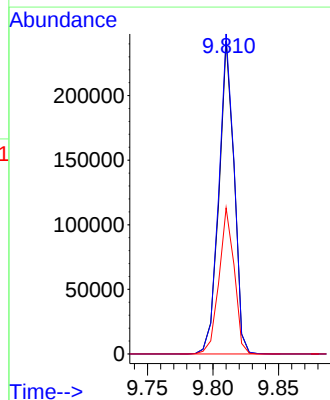
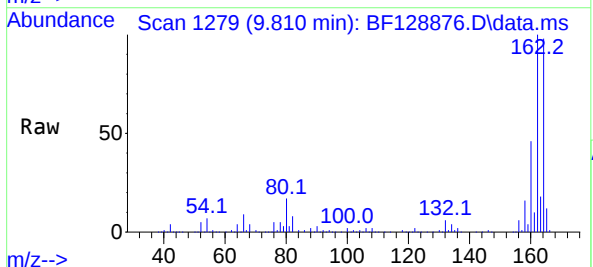
Instrument :
BNA_F
ClientSampleId :
RB-01-(10-11.5)

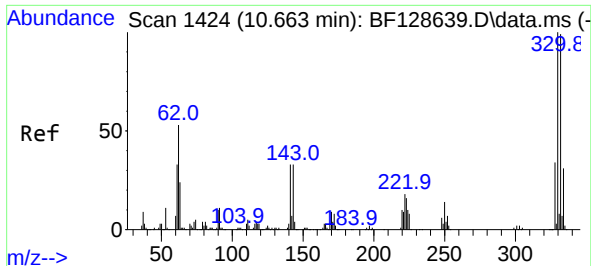
Tgt Ion: 82 Resp: 524588
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

Tgt Ion:164 Resp: 193782
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 46.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 103.78 ng

RT: 10.610 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF128876.D

Acq: 20 Jun 2022 14:57

Instrument :

BNA_F

ClientSampleId :

RB-01-(10-11.5)

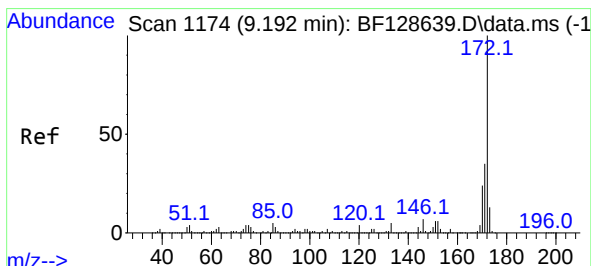
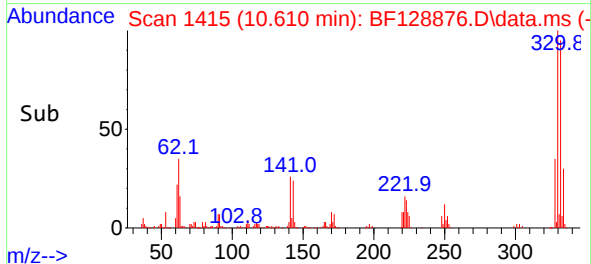
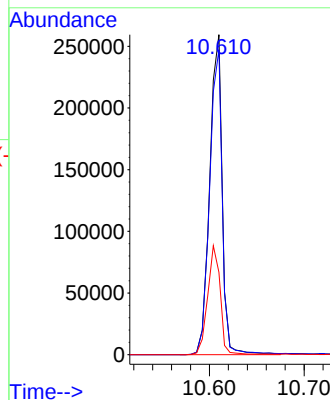
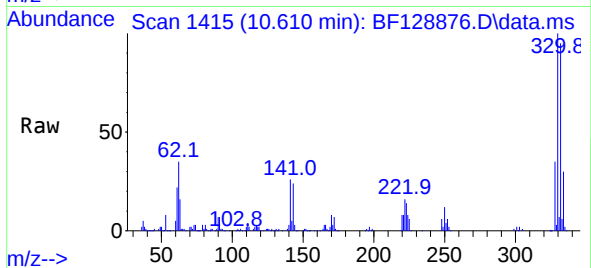
Tgt Ion:330 Resp: 237622

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 74.18 ng

RT: 9.134 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF128876.D

Acq: 20 Jun 2022 14:57

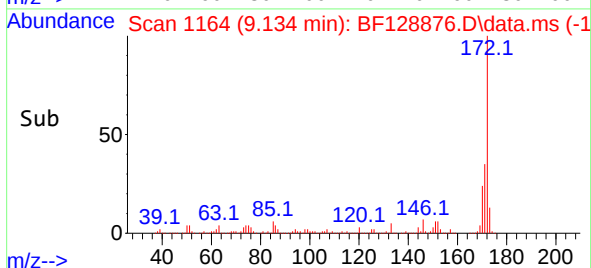
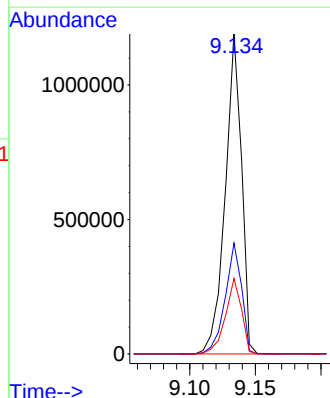
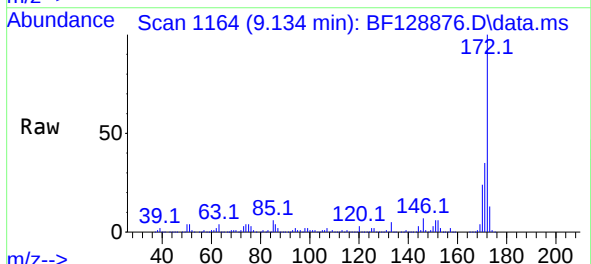
Tgt Ion:172 Resp: 1026115

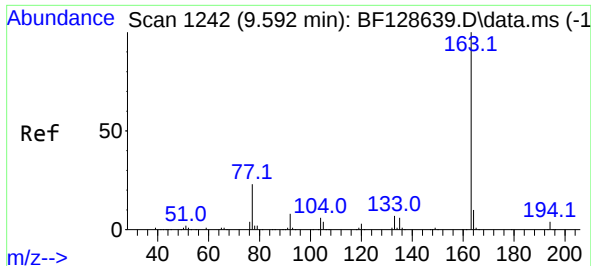
Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.6 19.8 29.8

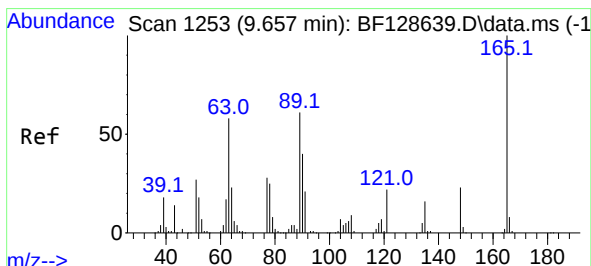
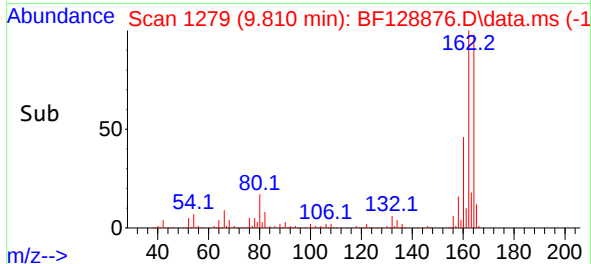
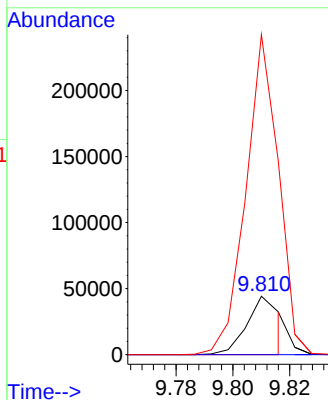
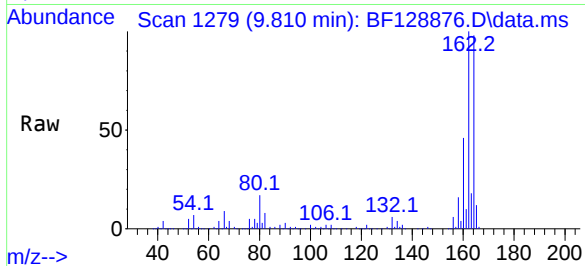




#50
Dimethylphthalate
Concen: 2.67 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.265 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

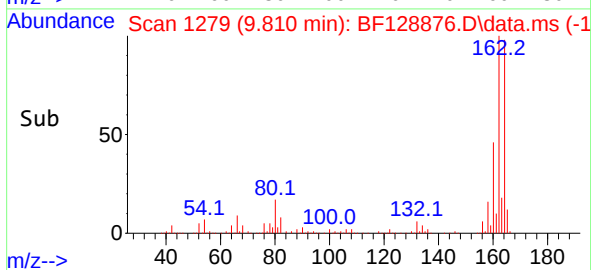
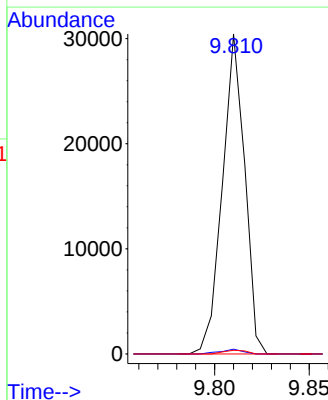
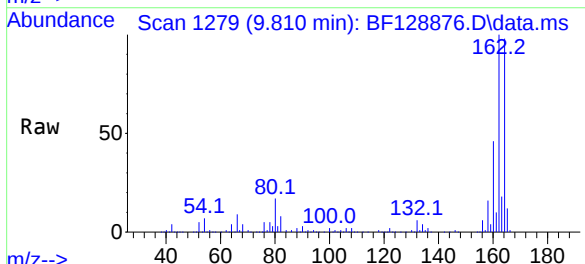
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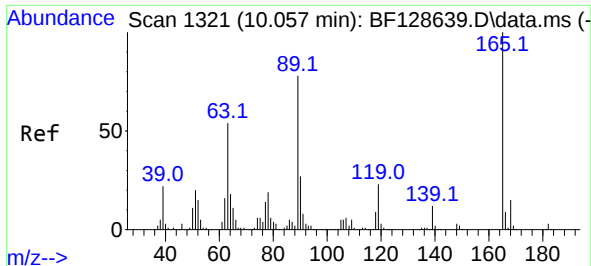
Tgt Ion:163 Resp: 35457
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 548.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.52 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.200 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

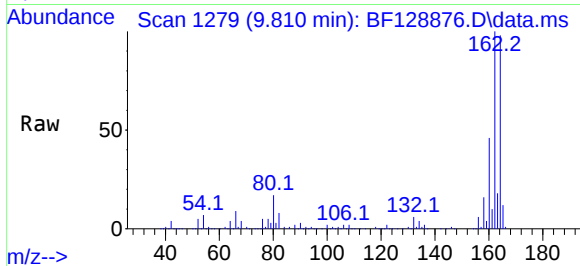
Tgt Ion:165 Resp: 24919
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.1 43.6 65.4#



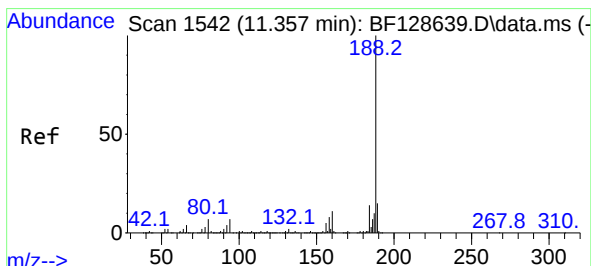
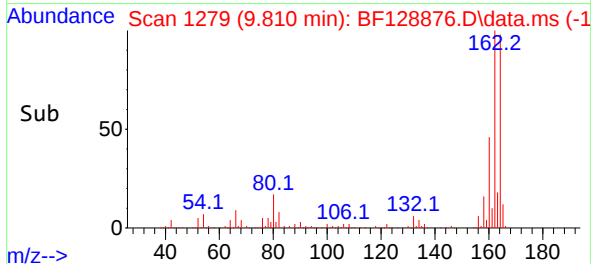
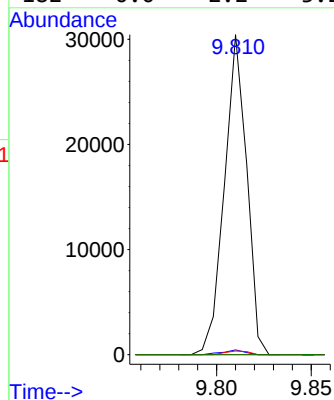


#57
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

Instrument :
BNA_F
ClientSampleId :
RB-01-(10-11.5)

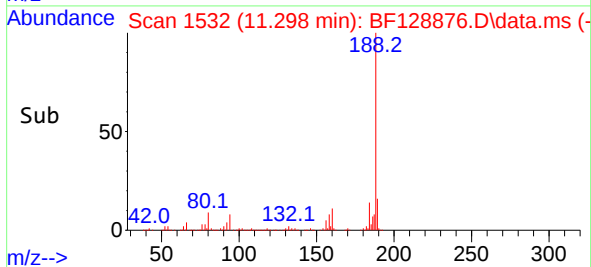
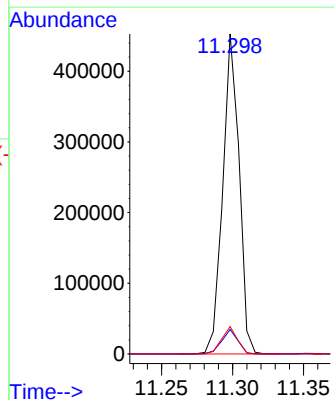
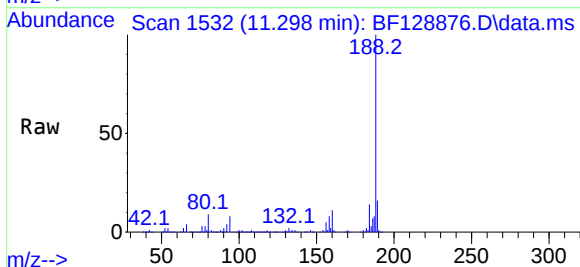


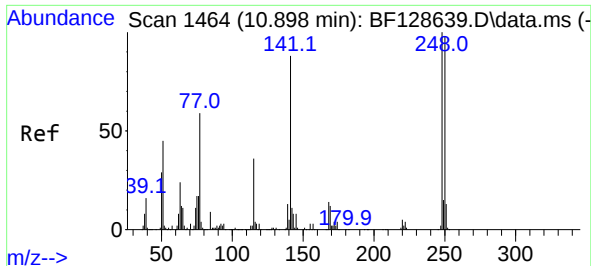
Tgt Ion:165 Resp: 24919
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

Tgt Ion:188 Resp: 361017
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.5 7.6 11.4

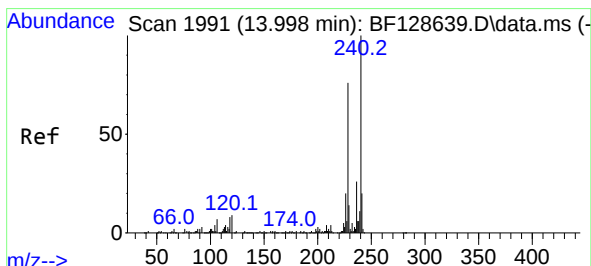
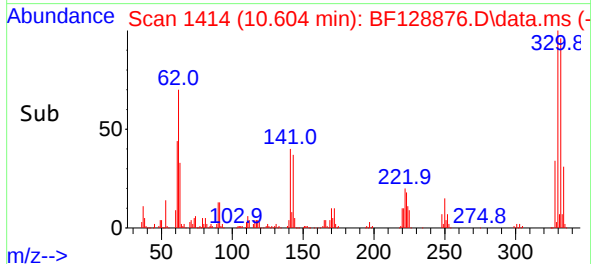
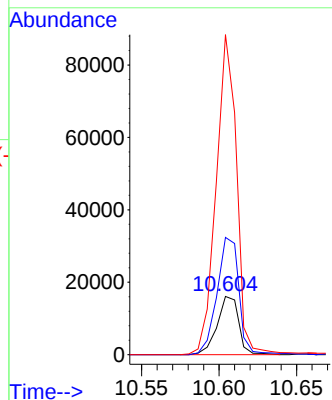
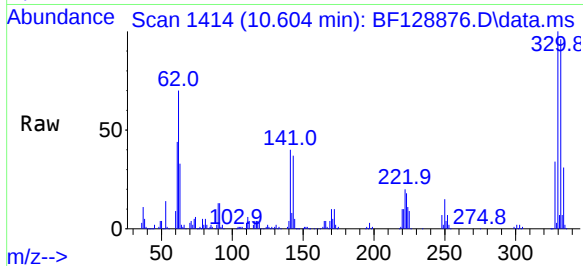




#67
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 10.604 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

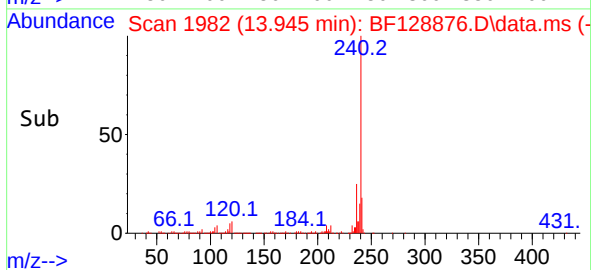
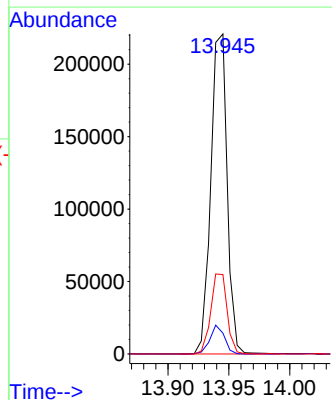
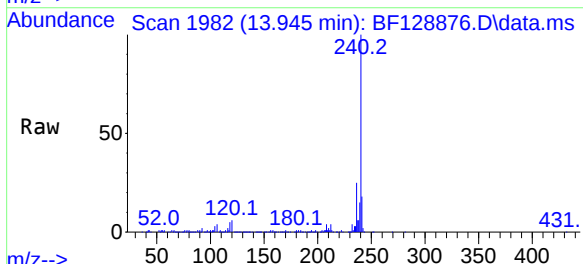
Instrument :
BNA_F
ClientSampleId :
RB-01-(10-11.5)

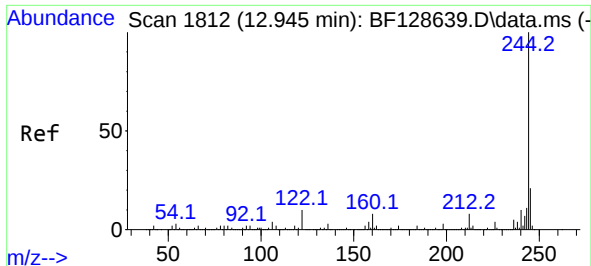
Tgt Ion:248 Resp: 15556
Ion Ratio Lower Upper
248 100
250 201.4 80.6 120.8#
141 549.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

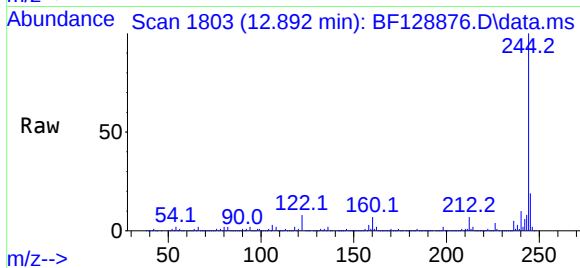
Tgt Ion:240 Resp: 206823
Ion Ratio Lower Upper
240 100
120 6.5 8.9 13.3#
236 24.8 20.8 31.2



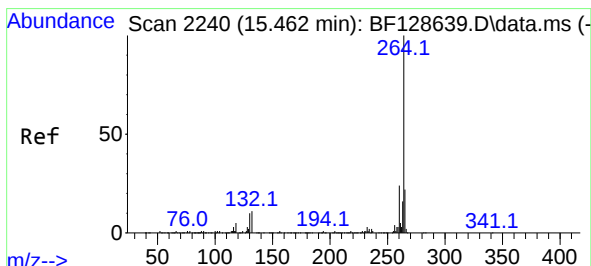
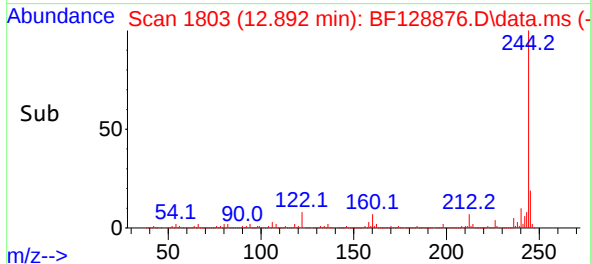
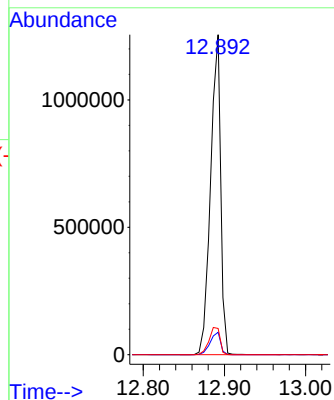


#79
Terphenyl-d14
Concen: 90.68 ng
RT: 12.892 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

Instrument :
BNA_F
ClientSampleId :
RB-01-(10-11.5)



Tgt Ion:244 Resp: 1079364
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 8.2 8.8 13.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.392 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF128876.D
Acq: 20 Jun 2022 14:57

Tgt Ion:264 Resp: 159892
Ion Ratio Lower Upper
264 100
260 25.2 18.4 27.6
265 22.5 17.2 25.8

