

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128894.D
 Acq On : 21 Jun 2022 10:36
 Operator : CG\JU
 Sample : PB145632BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145632BL

Quant Time: Jun 22 01:46:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

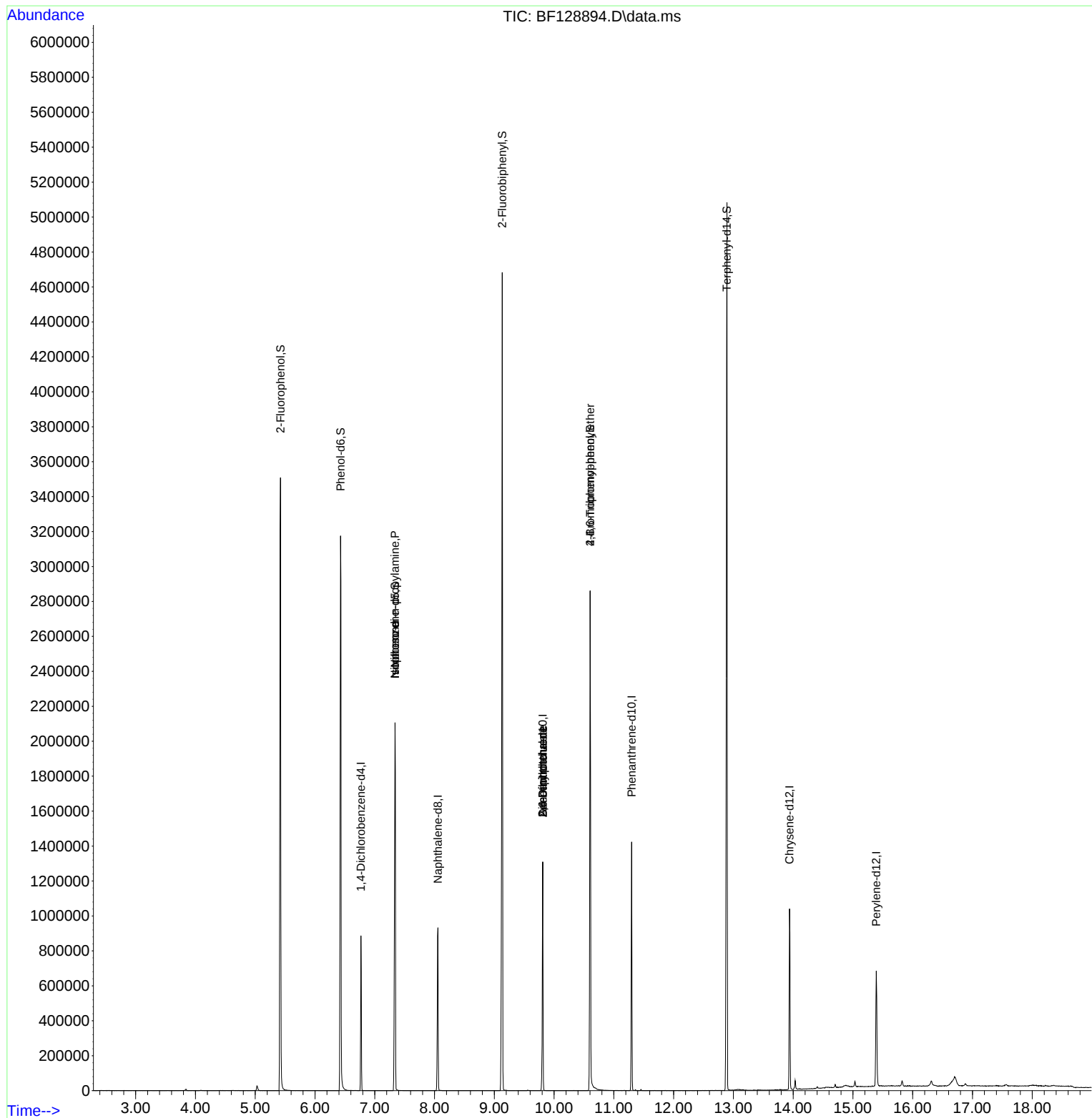
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	118220	20.00	ng	0.01
21) Naphthalene-d8	8.057	136	443774	20.00	ng	# 0.02
39) Acenaphthene-d10	9.810	164	257444	20.00	ng	0.02
64) Phenanthrene-d10	11.298	188	486829	20.00	ng	0.02
76) Chrysene-d12	13.939	240	369801	20.00	ng	0.01
86) Perylene-d12	15.392	264	288777	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	902396	121.58	ng	0.04
7) Phenol-d6	6.428	99	1146294	126.52	ng	0.01
23) Nitrobenzene-d5	7.340	82	804130	84.37	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	344912	113.39	ng	0.02
45) 2-Fluorobiphenyl	9.133	172	1564428	85.12	ng	0.02
79) Terphenyl-d14	12.892	244	1858888	87.35	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	112060	19.89	ng	# 77
25) Isophorone	7.340	82	793957	54.85	ng	# 65
50) Dimethylphthalate	9.810	163	46437	2.64	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	33154	9.53	ng	# 26
57) 2,4-Dinitrotoluene	9.810	165	33154	7.14	ng	# 22
67) 4-Bromophenyl-phenylether	10.604	248	22214	4.09	ng	# 1

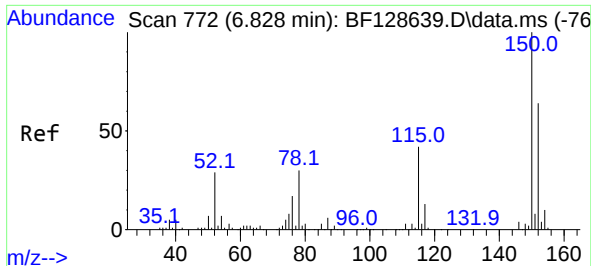
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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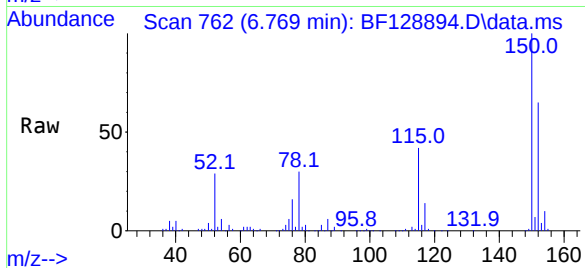
Quant Time: Jun 22 01:46:59 2022
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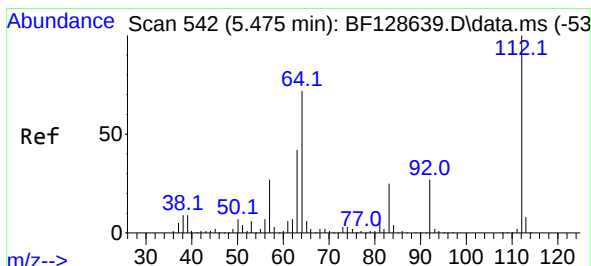
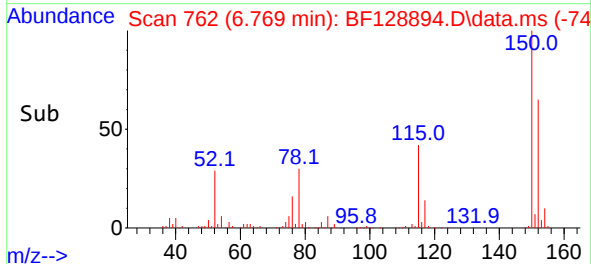
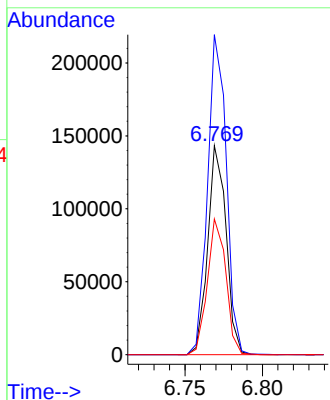


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 70
Delta R.T. 0.012 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

Instrument :
BNA_F
ClientSampleId :
PB145632BL

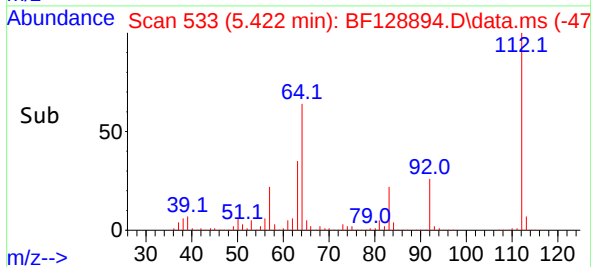
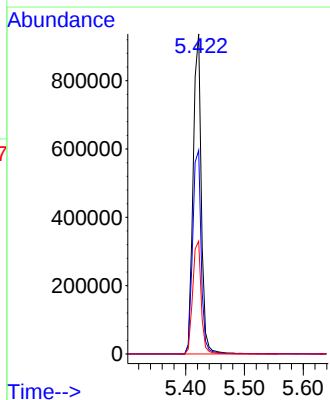
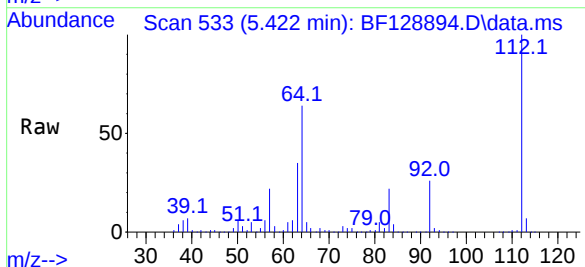


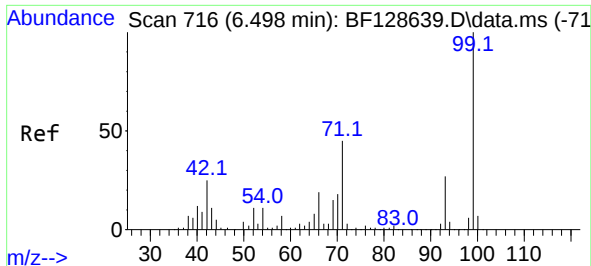
Tgt Ion:152 Resp: 118220
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 65.0 49.9 74.9



#5
2-Fluorophenol
Concen: 121.58 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.035 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

Tgt Ion:112 Resp: 902396
Ion Ratio Lower Upper
112 100
64 63.6 53.3 79.9
63 35.2 28.0 42.0

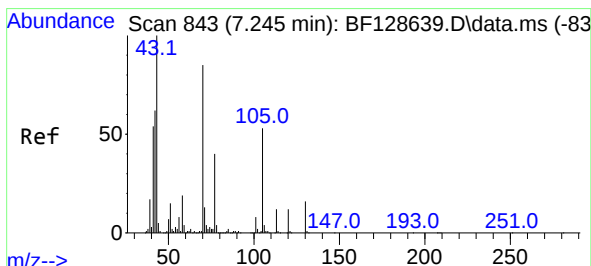
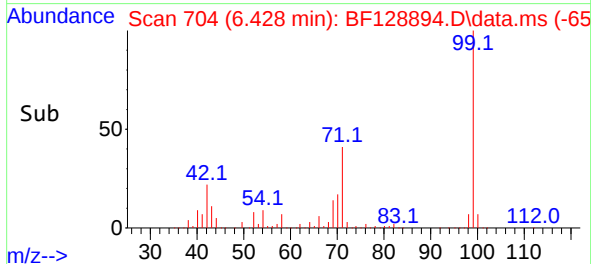
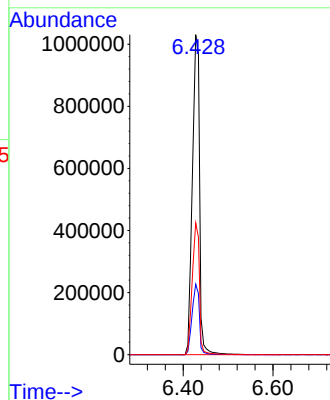
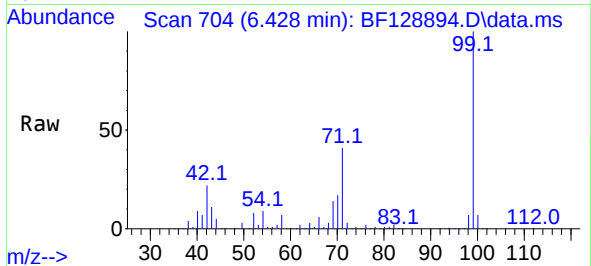




#7
Phenol-d6
Concen: 126.52 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.012 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

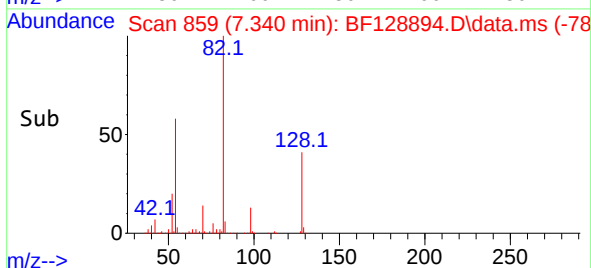
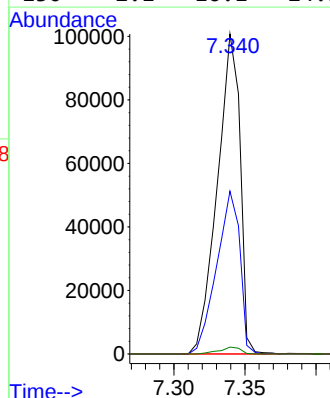
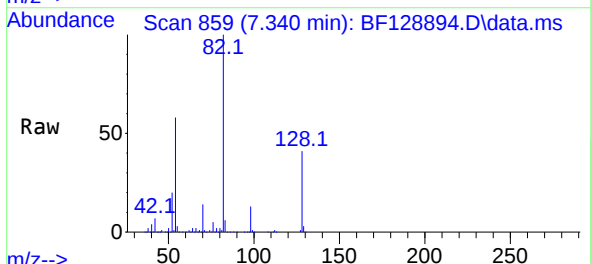
Instrument :
BNA_F
ClientSampleId :
PB145632BL

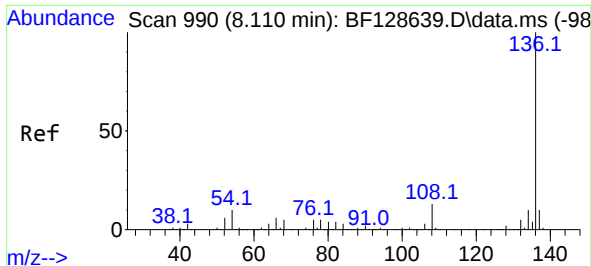
Tgt Ion: 99 Resp: 1146294
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 41.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.89 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.159 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

Tgt Ion: 70 Resp: 112060
Ion Ratio Lower Upper
70 100
42 50.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.057 min Scan# 91

Delta R.T. 0.018 min

Lab File: BF128894.D

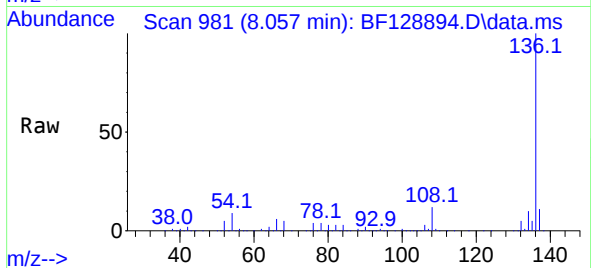
Acq: 21 Jun 2022 10:36

Instrument :

BNA_F

ClientSampleId :

PB145632BL



Tgt Ion:136 Resp: 443774

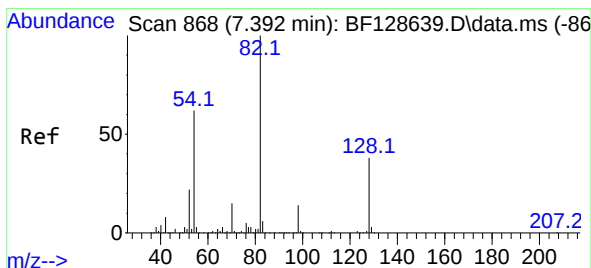
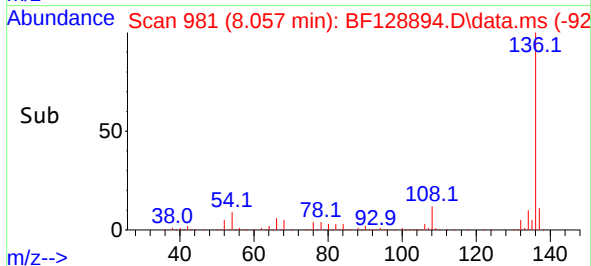
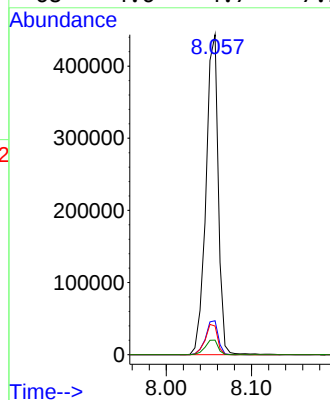
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.0 7.5 11.3

68 4.6 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 84.37 ng

RT: 7.340 min Scan# 859

Delta R.T. 0.012 min

Lab File: BF128894.D

Acq: 21 Jun 2022 10:36

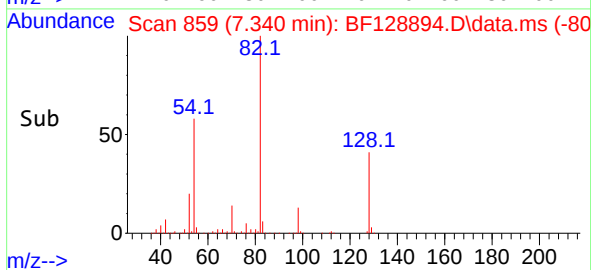
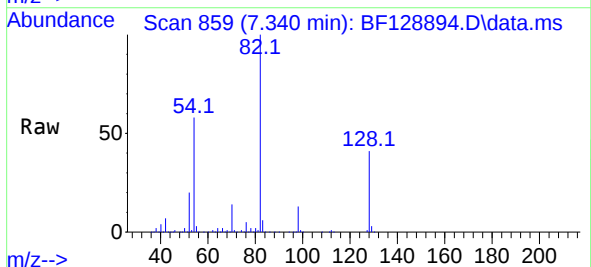
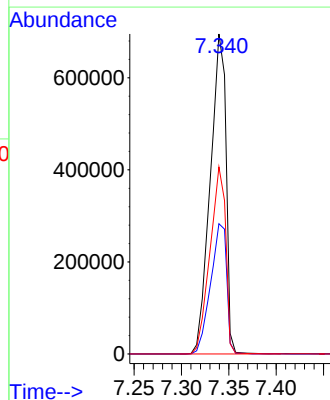
Tgt Ion: 82 Resp: 804130

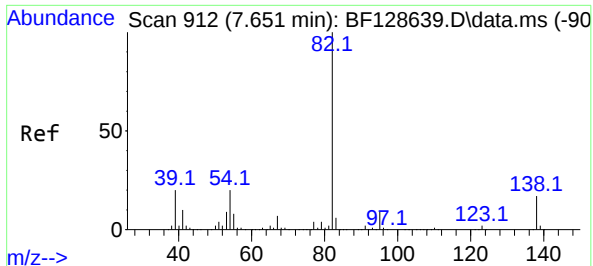
Ion Ratio Lower Upper

82 100

128 40.7 34.0 51.0

54 58.4 46.9 70.3

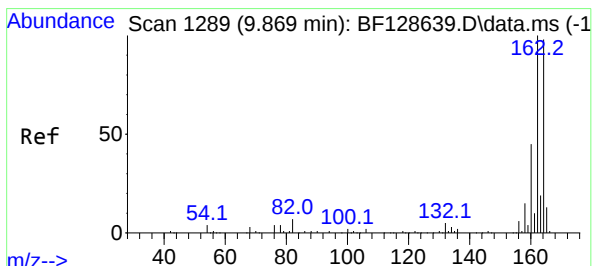
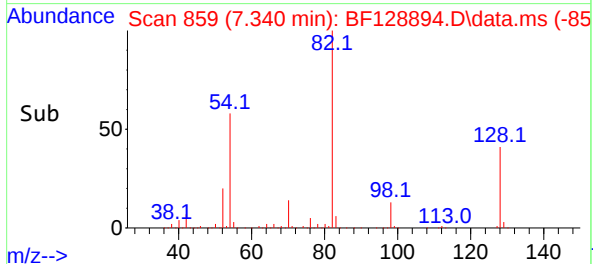
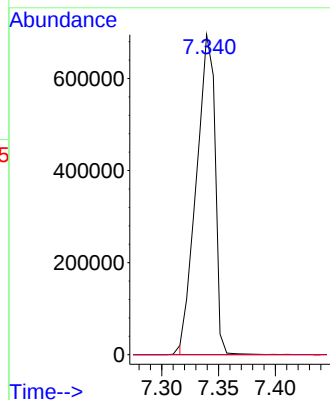
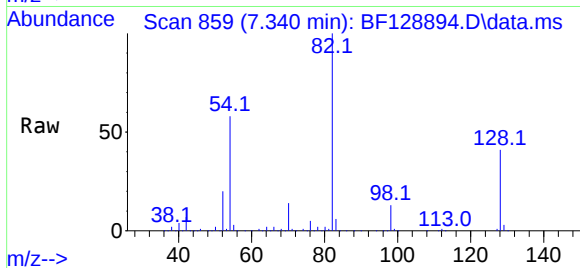




#25
Isophorone
Concen: 54.85 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.247 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

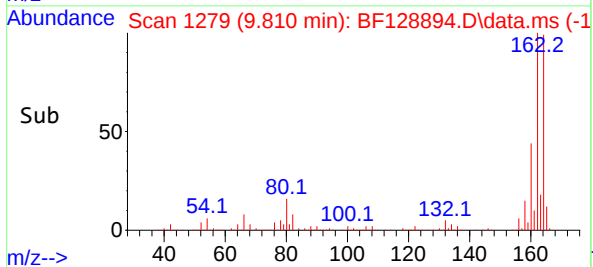
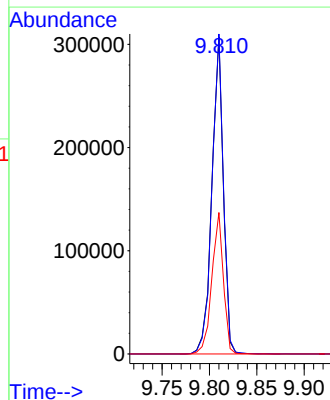
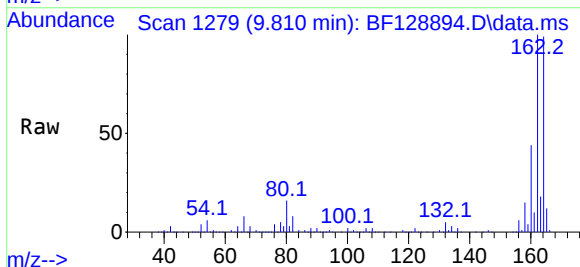
Instrument :
BNA_F
ClientSampleId :
PB145632BL

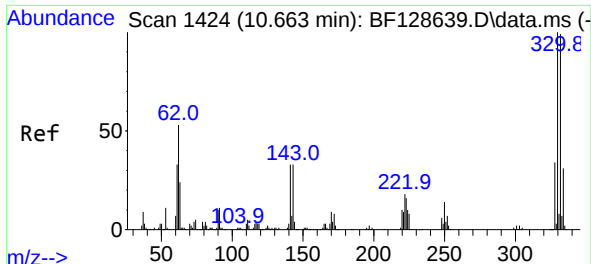
Tgt Ion: 82 Resp: 793957
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.018 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

Tgt Ion:164 Resp: 257444
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 113.39 ng

RT: 10.604 min Scan# 1424

Delta R.T. 0.018 min

Lab File: BF128894.D

Acq: 21 Jun 2022 10:36

Instrument :

BNA_F

ClientSampleId :

PB145632BL

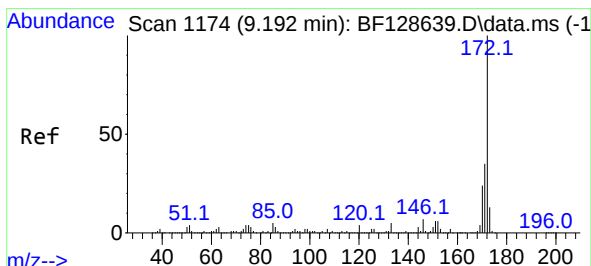
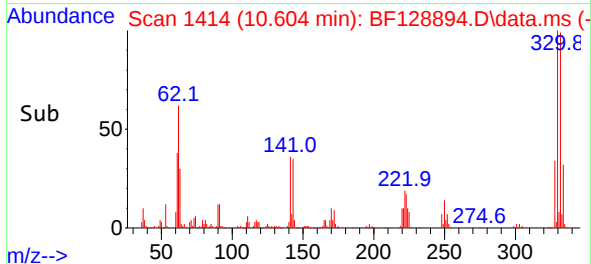
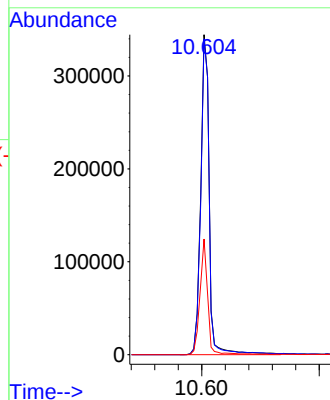
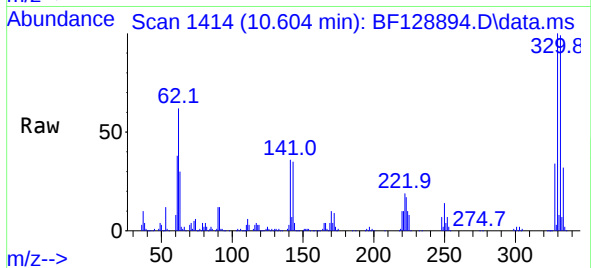
Tgt Ion:330 Resp: 344912

Ion Ratio Lower Upper

330 100

332 98.0 76.8 115.2

141 32.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 85.12 ng

RT: 9.133 min Scan# 1164

Delta R.T. 0.018 min

Lab File: BF128894.D

Acq: 21 Jun 2022 10:36

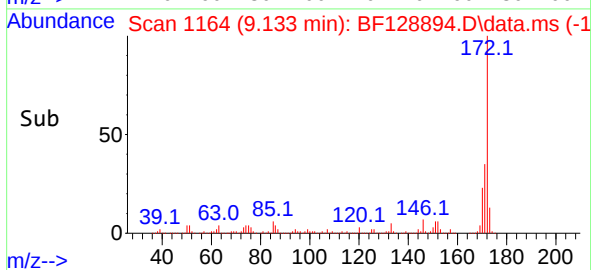
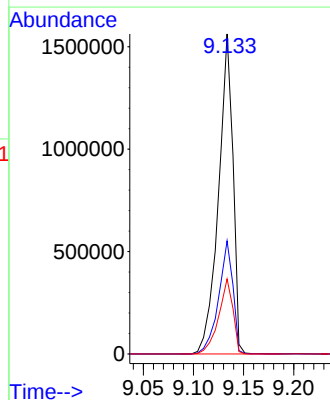
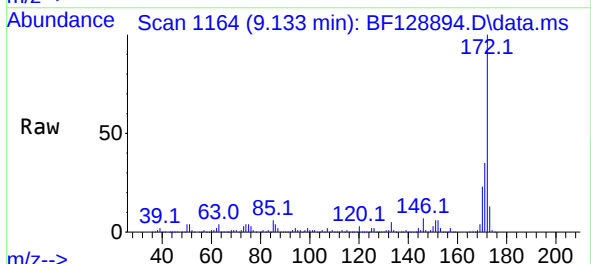
Tgt Ion:172 Resp: 1564428

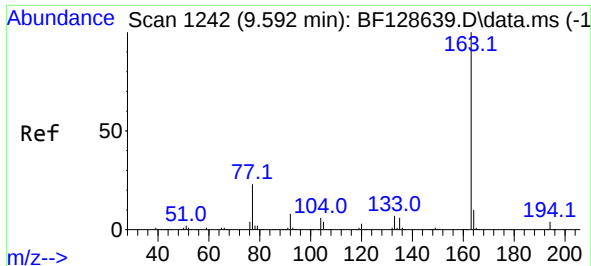
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 19.8 29.8

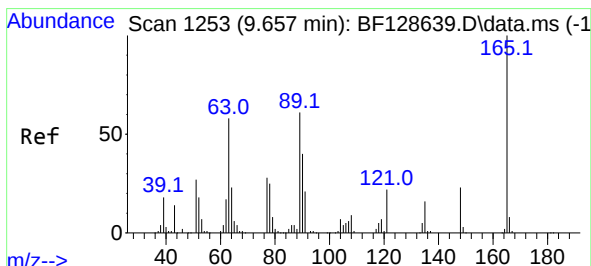
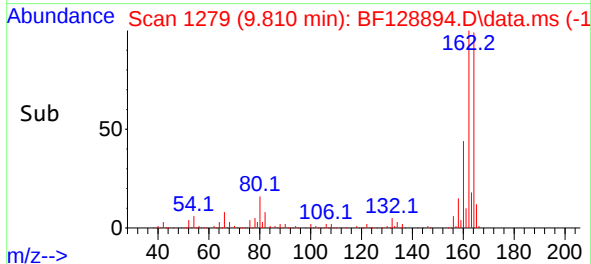
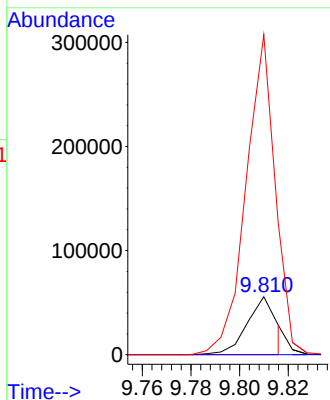
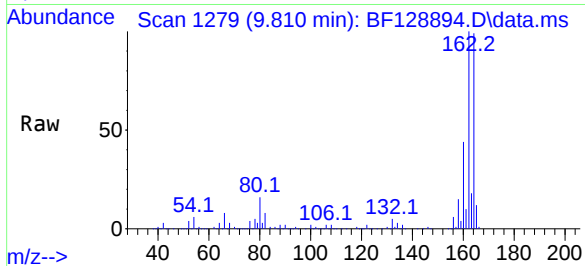




#50
Dimethylphthalate
Concen: 2.64 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.288 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

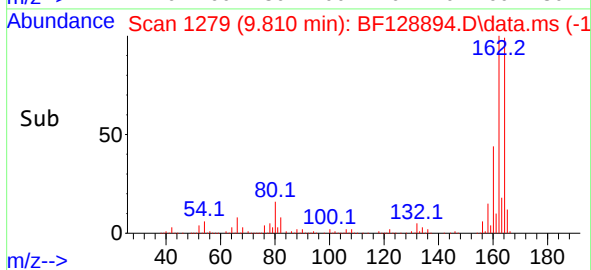
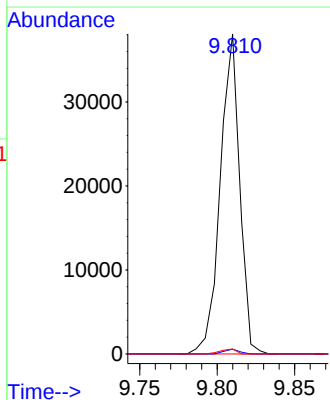
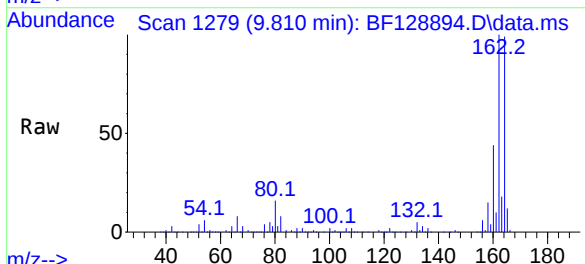
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PB145632BL

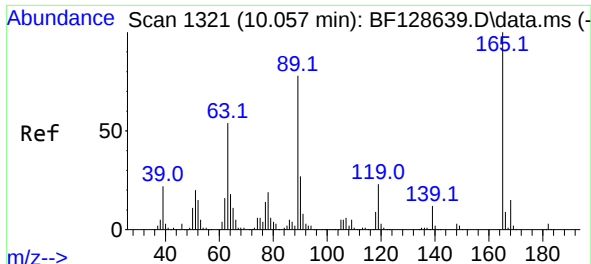
Tgt Ion:163 Resp: 46437
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 551.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.53 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.224 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

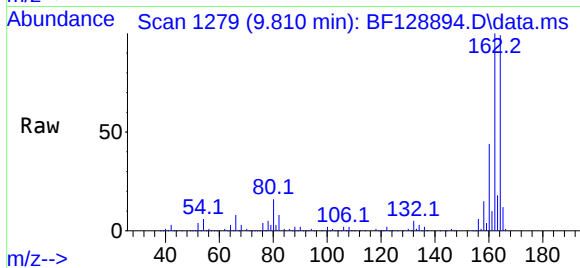
Tgt Ion:165 Resp: 33154
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.6 43.6 65.4#



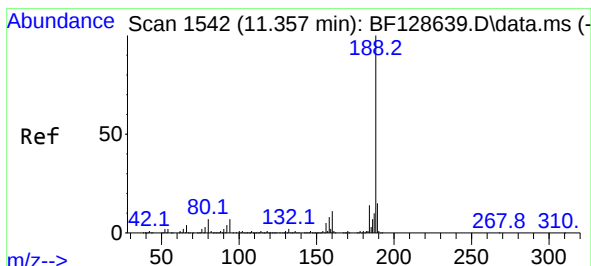
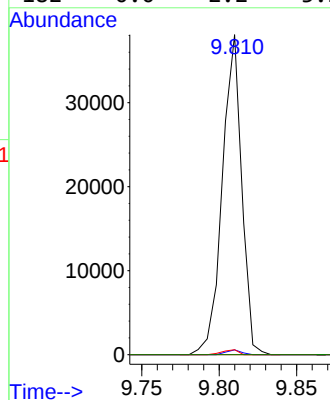
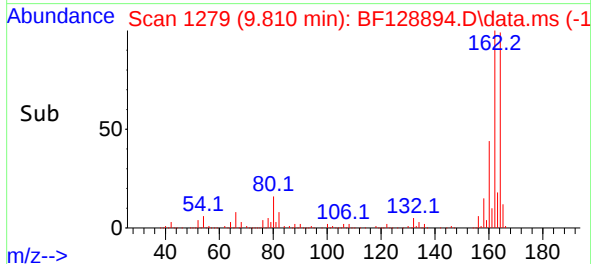


#57
2,4-Dinitrotoluene
Concen: 7.14 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

Instrument :
BNA_F
ClientSampleId :
PB145632BL

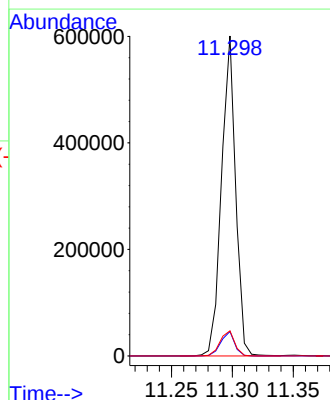
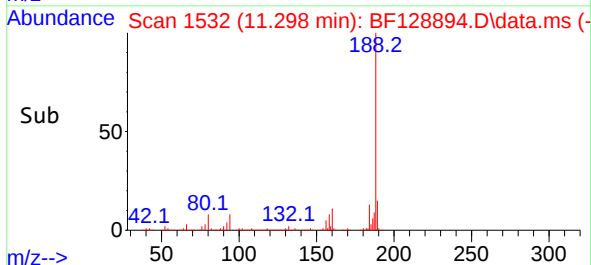
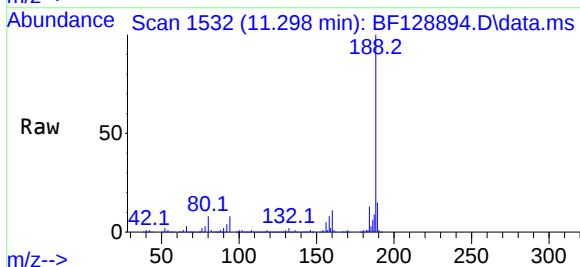


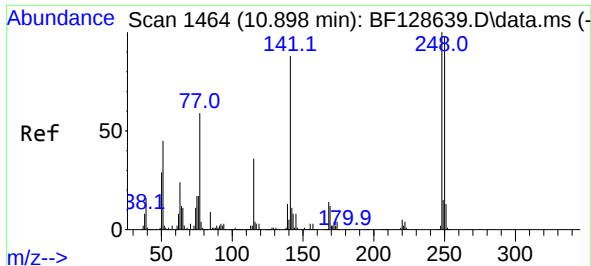
Tgt Ion:165 Resp: 33154
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.018 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

Tgt Ion:188 Resp: 486829
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 7.8 7.6 11.4

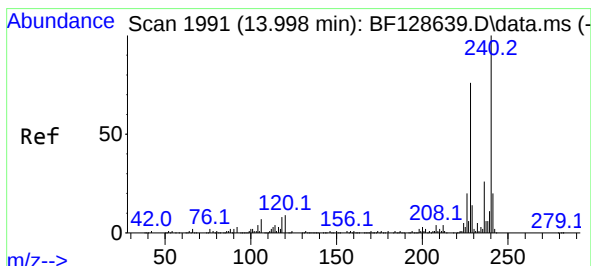
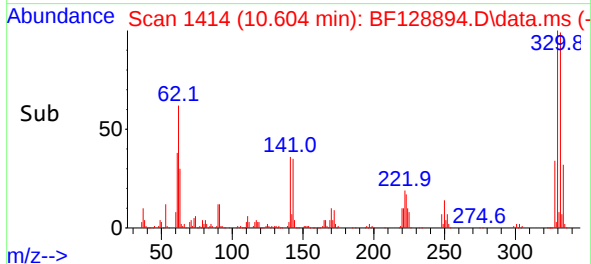
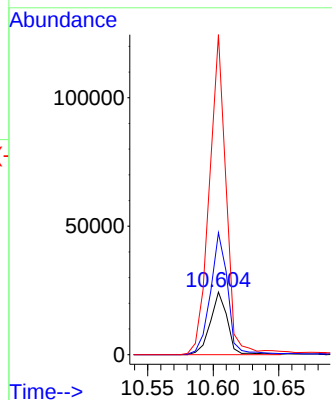
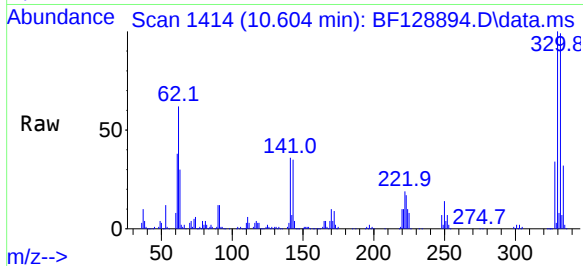




#67
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.604 min Scan# 1464
Delta R.T. -0.223 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

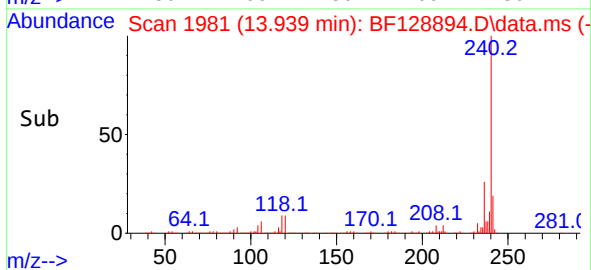
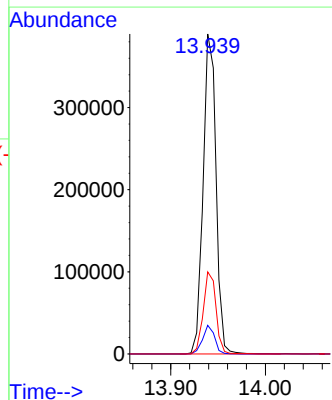
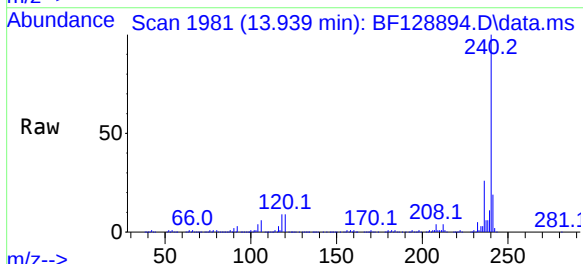
Instrument :
BNA_F
ClientSampleId :
PB145632BL

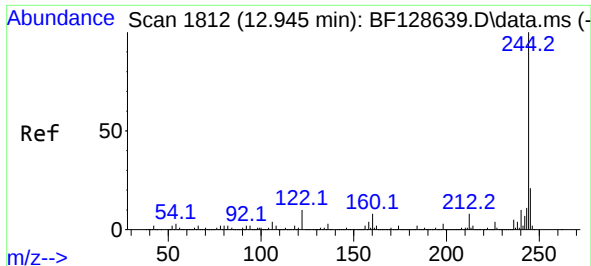
Tgt Ion:248 Resp: 22214
Ion Ratio Lower Upper
248 100
250 194.9 80.6 120.8#
141 511.4 58.9 88.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BF128894.D
Acq: 21 Jun 2022 10:36

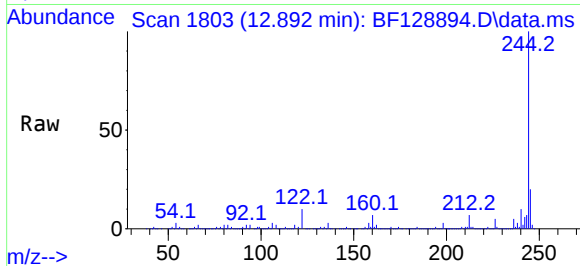
Tgt Ion:240 Resp: 369801
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.7 20.8 31.2



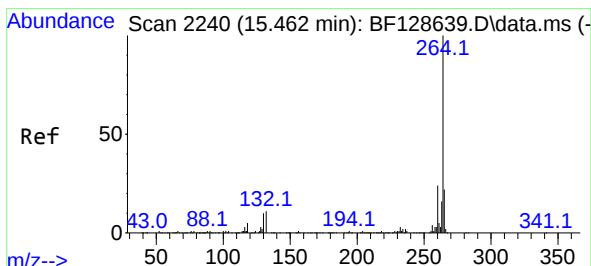
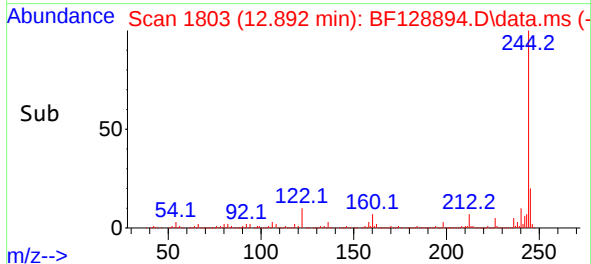
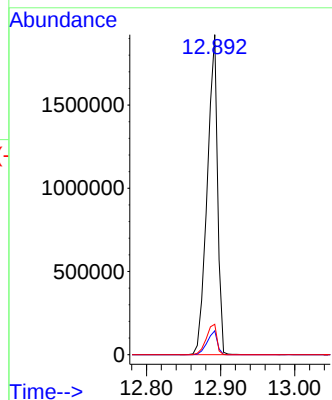


#79
 Terphenyl-d14
 Concen: 87.35 ng
 RT: 12.892 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: BF128894.D
 Acq: 21 Jun 2022 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB145632BL



Tgt Ion:244 Resp: 1858888
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.392 min Scan# 2228
 Delta R.T. 0.029 min
 Lab File: BF128894.D
 Acq: 21 Jun 2022 10:36

Tgt Ion:264 Resp: 288777
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 22.0 17.2 25.8

