

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130955.D
 Acq On : 03 Nov 2022 10:38
 Operator : CG\JU
 Sample : PB148712TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148712TB

Quant Time: Nov 03 12:24:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

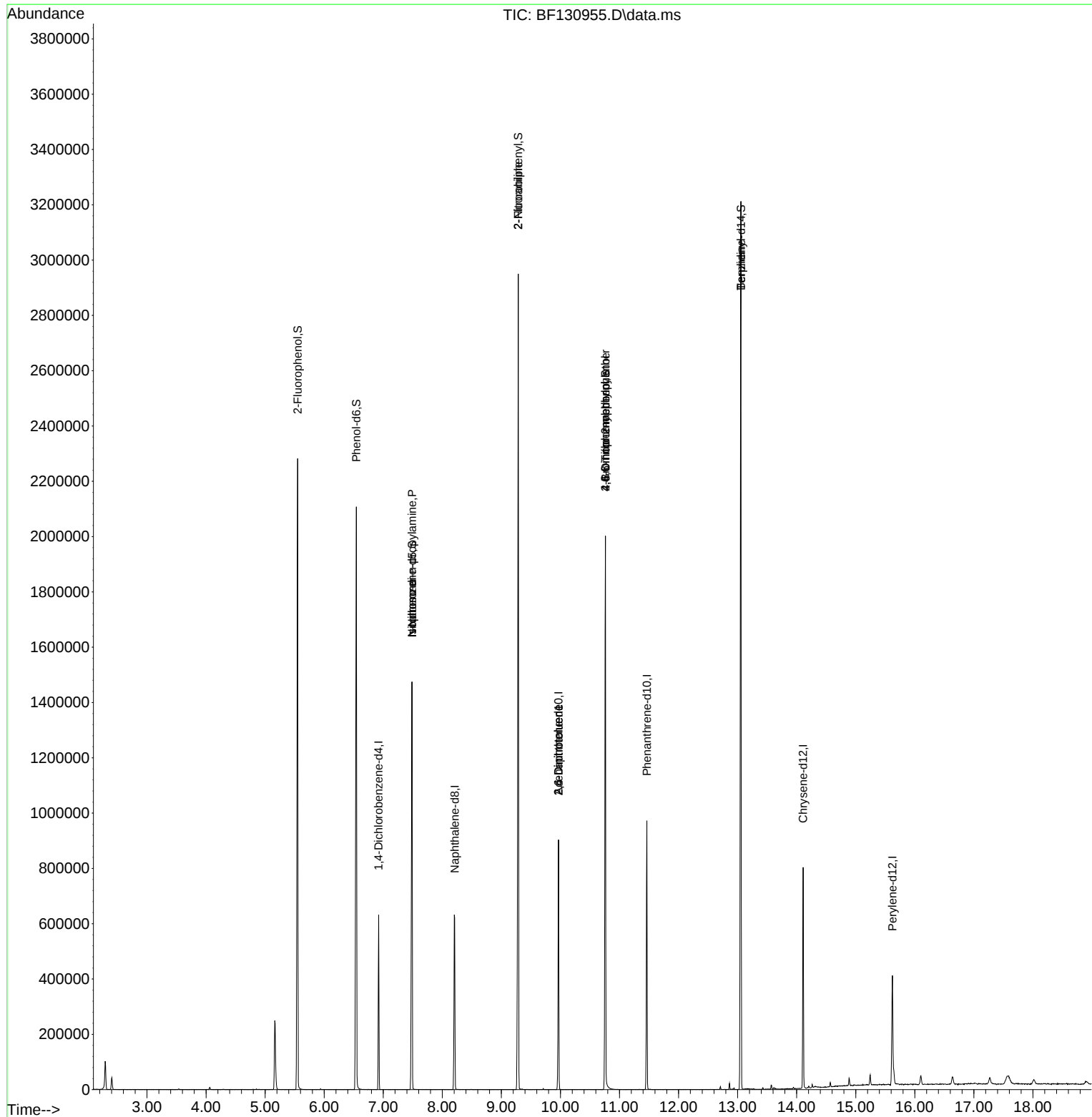
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	79986	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	305911	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	172597	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	322732	20.000	ng	0.00
76) Chrysene-d12	14.110	240	253278	20.000	ng	-0.01
86) Perylene-d12	15.621	264	181040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	571371	123.839	ng	0.01
7) Phenol-d6	6.545	99	725171	120.949	ng	0.00
23) Nitrobenzene-d5	7.486	82	508017	100.136	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	231631	159.425	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	923176	80.867	ng	0.00
79) Terphenyl-d14	13.057	244	1124763	81.376	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	71649	17.564	ng	# 78
25) Isophorone	7.486	82	506577	48.422	ng	# 66
48) 2-Nitroaniline	9.286	65	1914	4.698	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	22568	12.221	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	22568	11.062	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.763	198	580	8.287	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	14535	4.478	ng	# 1
77) Benzidine	13.057	184	17446	2.838	ng	# 92

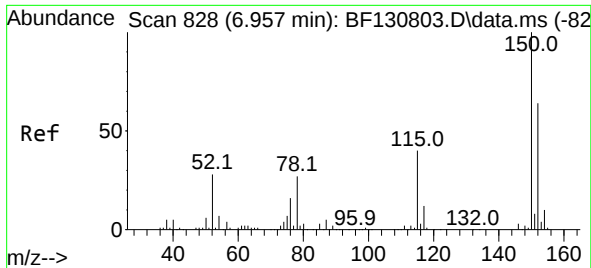
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

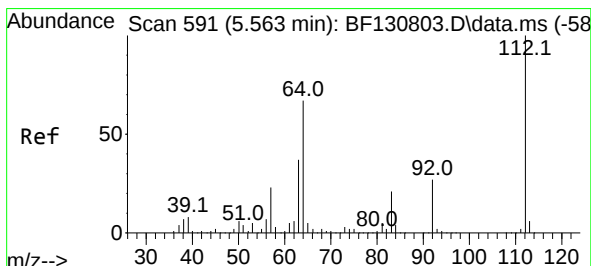
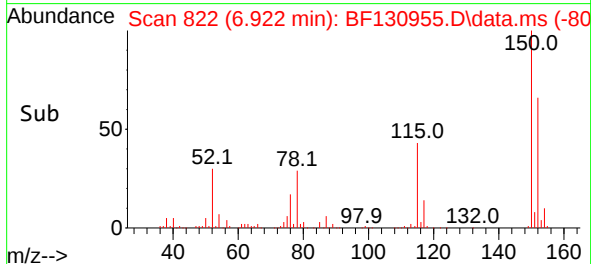
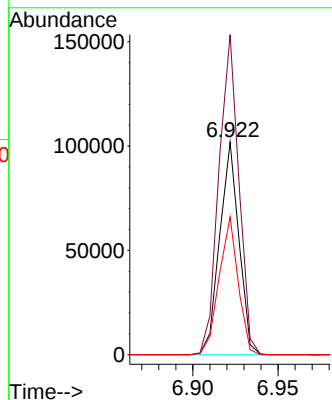
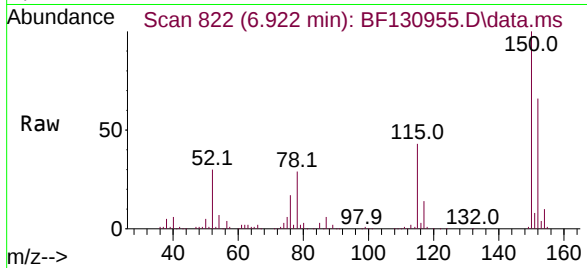




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

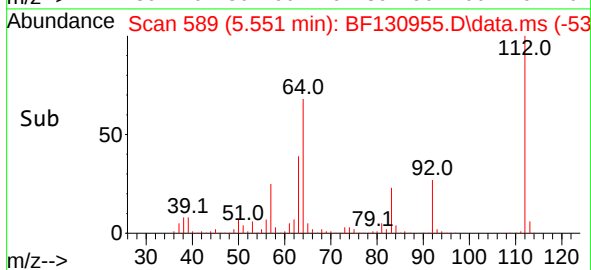
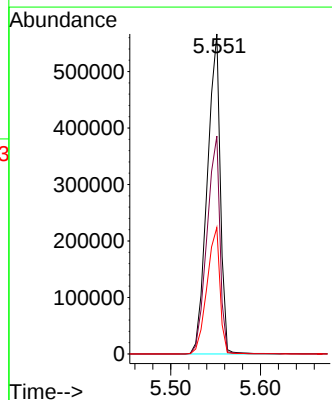
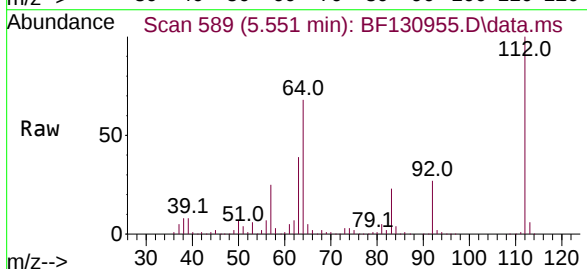
Instrument :
BNA_F
ClientSampleId :
PB148712TB

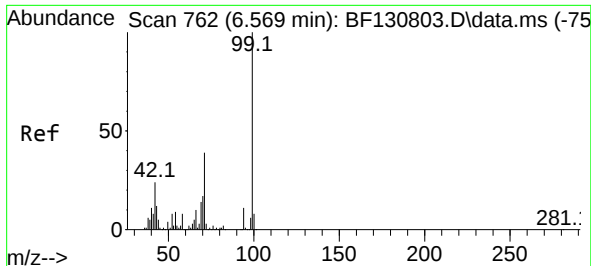
Tgt Ion:152 Resp: 79986
Ion Ratio Lower Upper
152 100
150 150.4 124.1 186.1
115 64.8 50.1 75.1



#5
2-Fluorophenol
Concen: 123.839 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

Tgt Ion:112 Resp: 571371
Ion Ratio Lower Upper
112 100
64 68.1 53.9 80.9
63 39.5 29.4 44.2

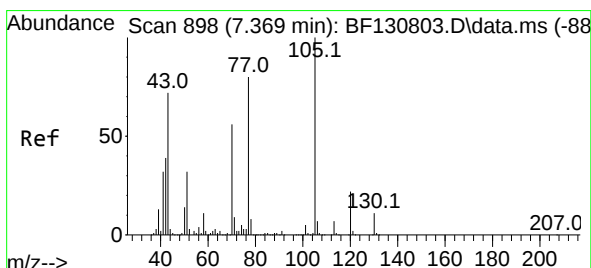
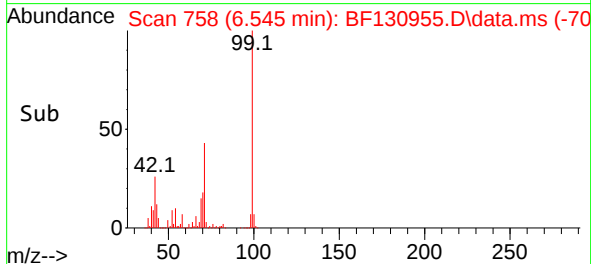
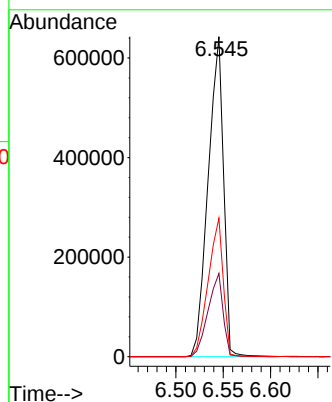
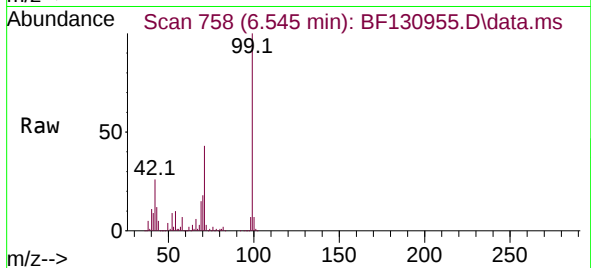




#7
Phenol-d6
Concen: 120.949 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

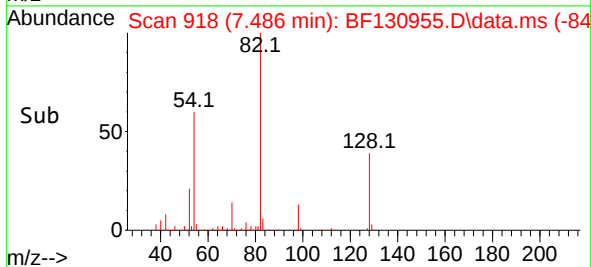
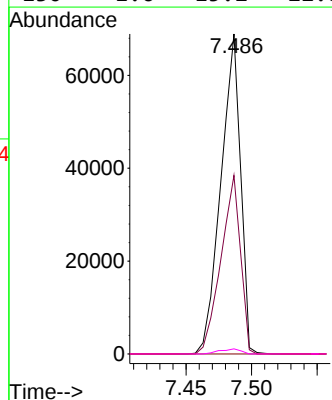
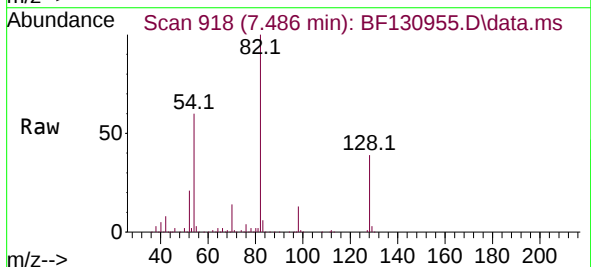
Instrument :
BNA_F
ClientSampleId :
PB148712TB

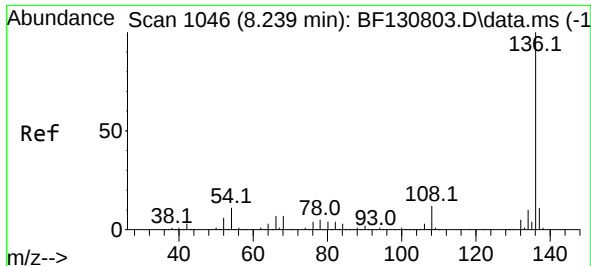
Tgt Ion: 99 Resp: 725171
Ion Ratio Lower Upper
99 100
42 26.0 18.8 28.2
71 43.3 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.564 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

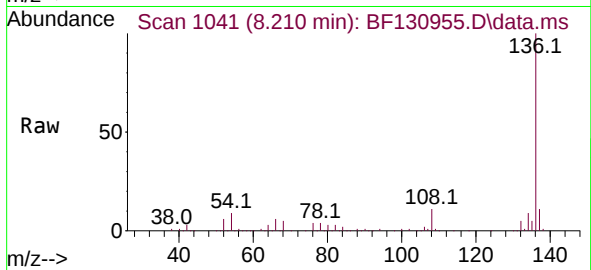
Tgt Ion: 70 Resp: 71649
Ion Ratio Lower Upper
70 100
42 55.8 56.1 84.1#
101 0.0 7.3 10.9#
130 1.6 15.2 22.8#



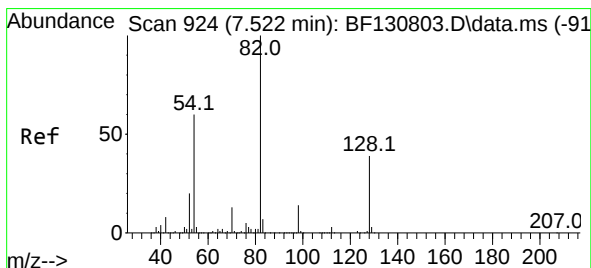
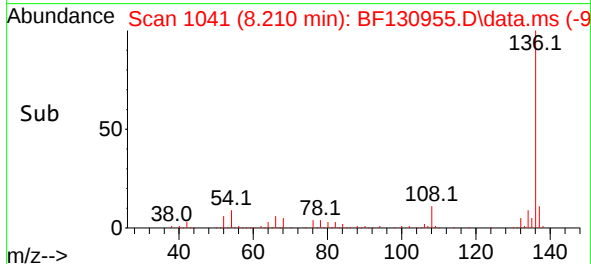
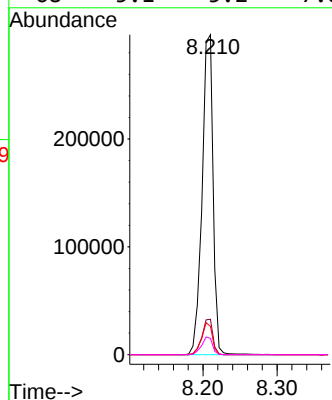


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB148712TB

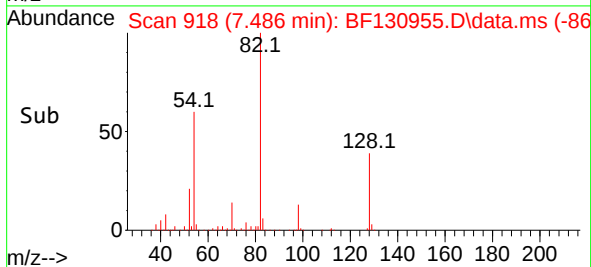
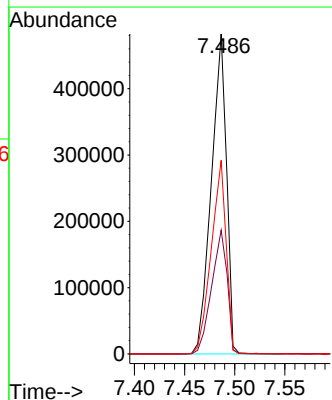
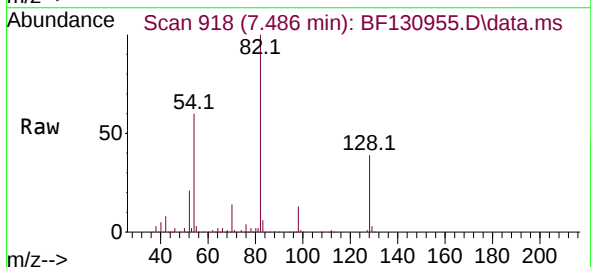


Tgt Ion:136 Resp: 305911
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.9 8.8 13.2
68 5.1 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 100.136 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

Tgt Ion: 82 Resp: 508017
Ion Ratio Lower Upper
82 100
128 38.7 31.2 46.8
54 60.5 48.0 72.0

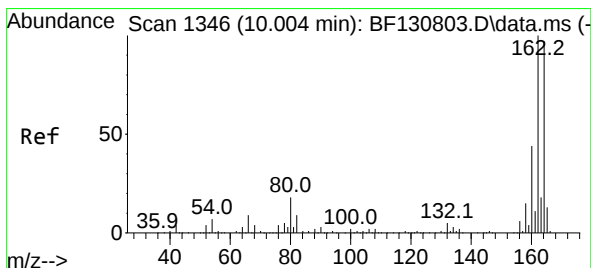
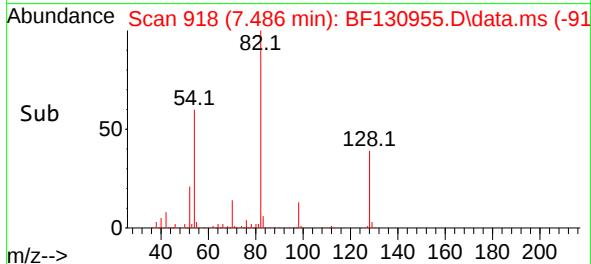
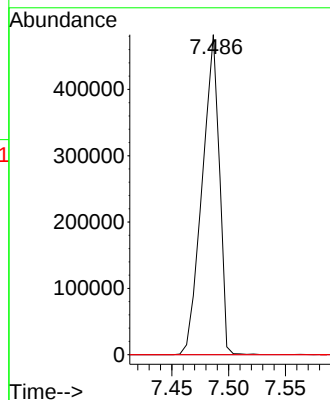
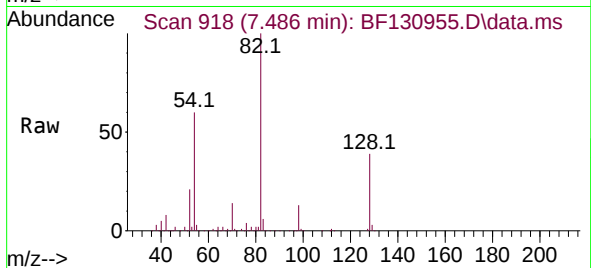




#25
Isophorone
Concen: 48.422 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

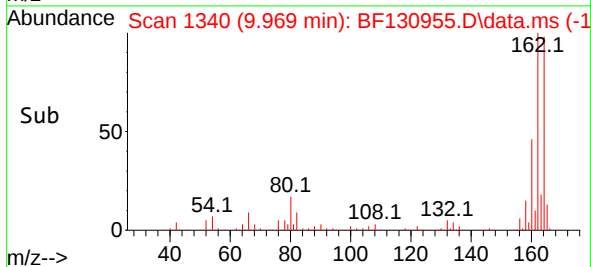
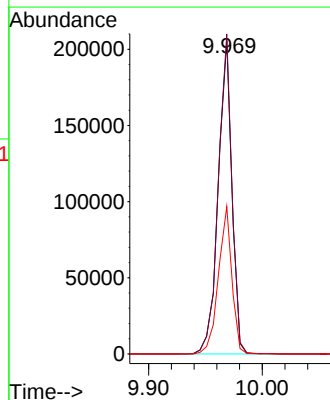
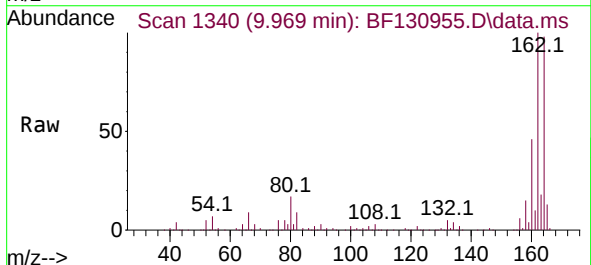
Instrument :
BNA_F
ClientSampleId :
PB148712TB

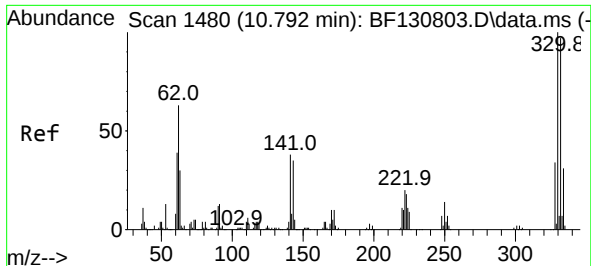
Tgt Ion: 82 Resp: 506577
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

Tgt Ion:164 Resp: 172597
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 47.1 36.6 54.8

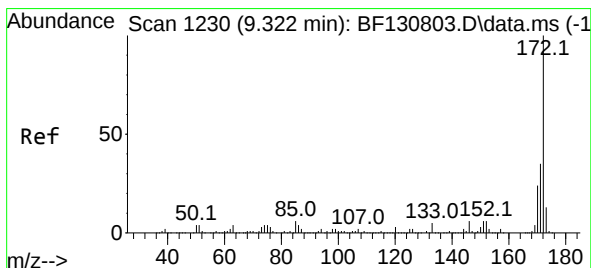
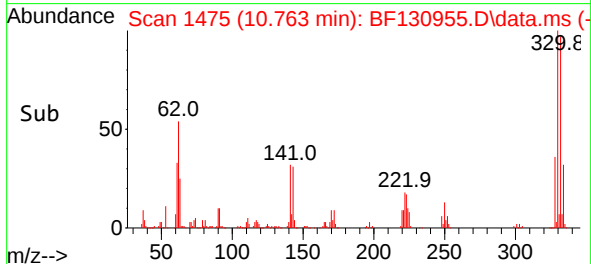
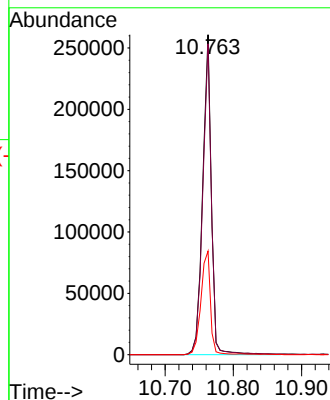
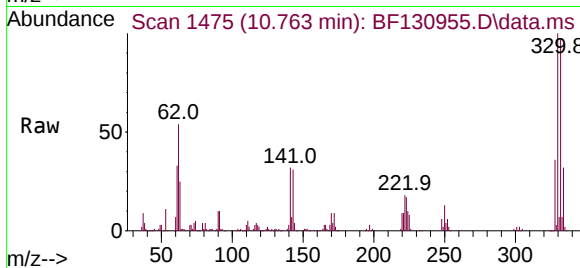




#42
2,4,6-Tribromophenol
Concen: 159.425 ng
RT: 10.763 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

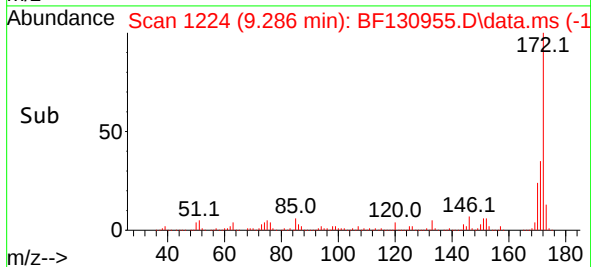
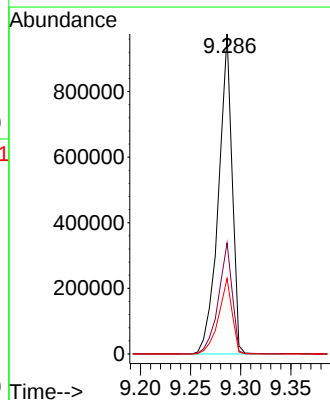
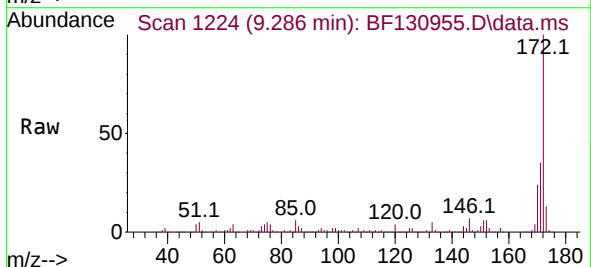
Instrument :
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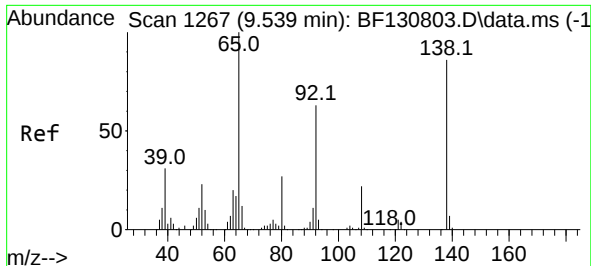
Tgt Ion: 330 Resp: 231631
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 35.9 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 80.867 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

Tgt Ion: 172 Resp: 923176
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 19.0 28.4





#48

2-Nitroaniline

Concen: 4.698 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.229 min

Lab File: BF130955.D

Acq: 03 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB148712TB

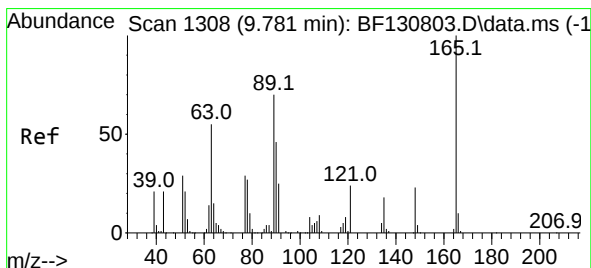
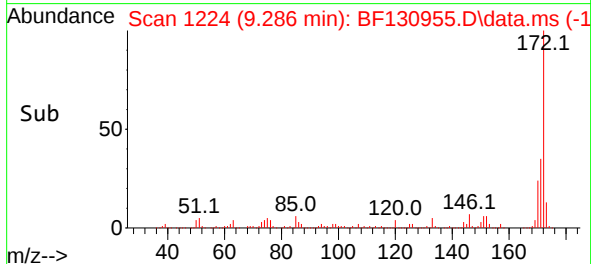
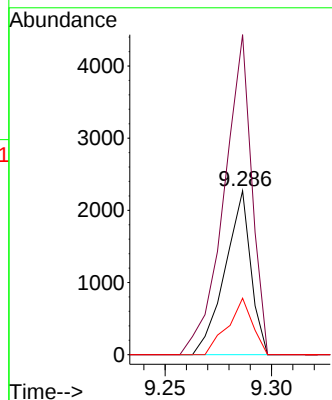
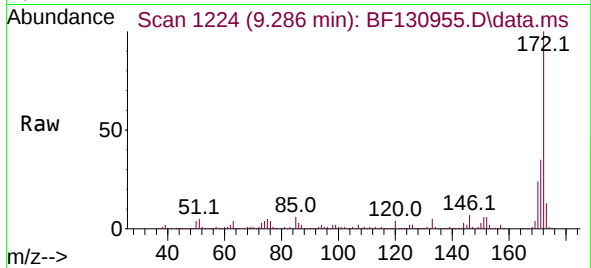
Tgt Ion: 65 Resp: 1914

Ion Ratio Lower Upper

65 100

92 195.2 50.1 75.1#

138 34.5 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 12.221 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.212 min

Lab File: BF130955.D

Acq: 03 Nov 2022 10:38

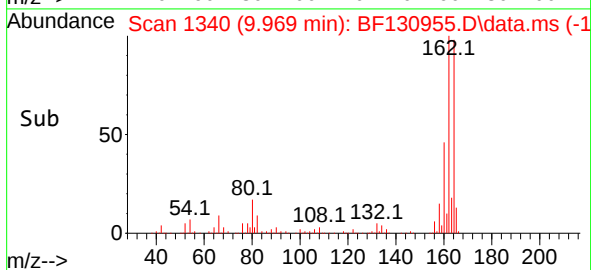
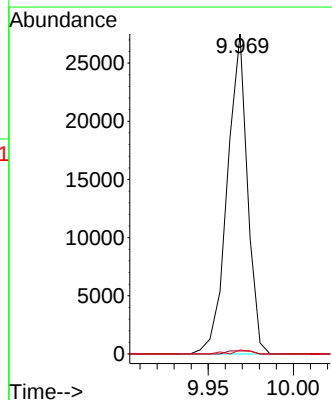
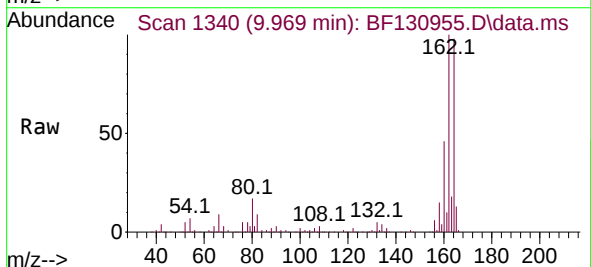
Tgt Ion: 165 Resp: 22568

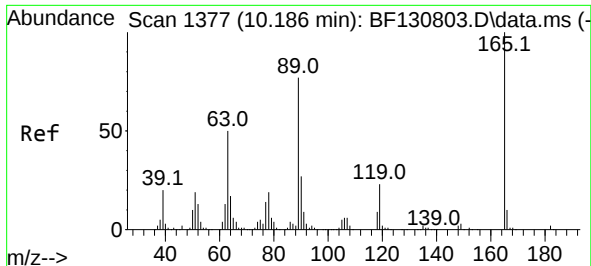
Ion Ratio Lower Upper

165 100

63 0.9 61.8 92.8#

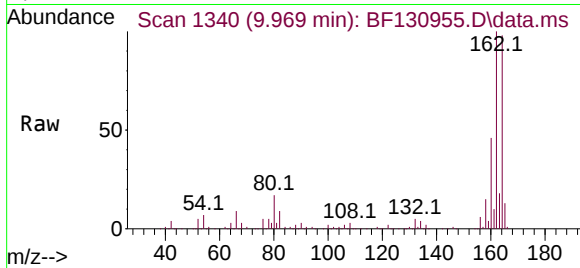
89 1.3 56.2 84.4#



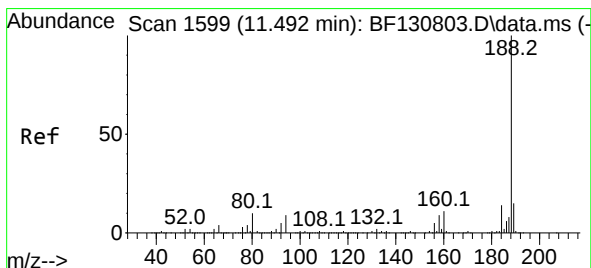
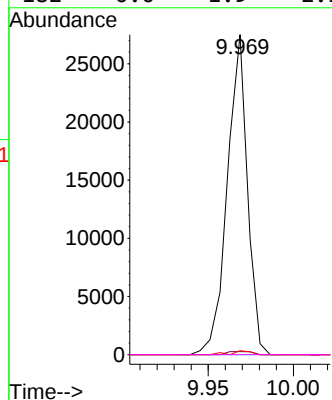
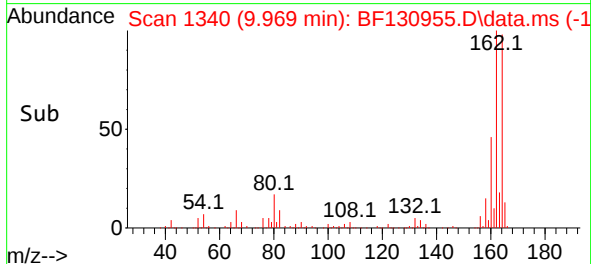


#57
2,4-Dinitrotoluene
Concen: 11.062 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38

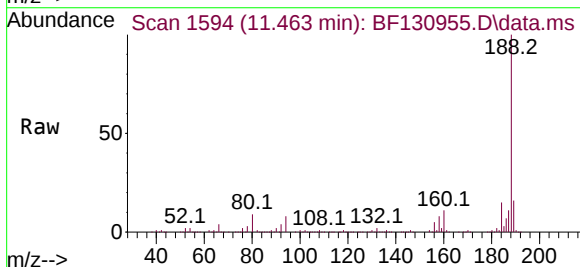
Instrument :
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PB148712TB



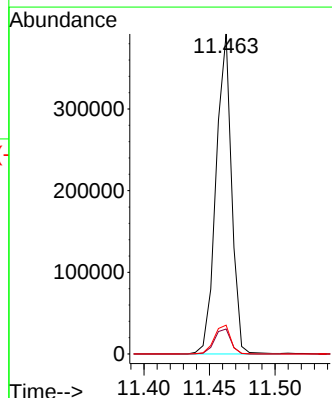
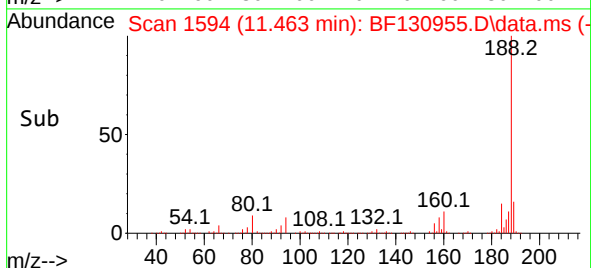
Tgt Ion:165 Resp: 22568
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.3 61.9 92.9#
182 0.0 1.9 2.9#

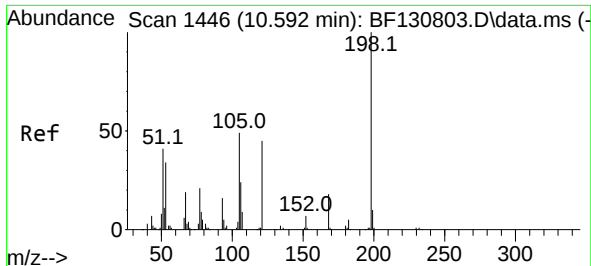


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130955.D
Acq: 03 Nov 2022 10:38



Tgt Ion:188 Resp: 322732
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 9.0 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.287 ng

RT: 10.763 min Scan# 1446

Delta R.T. 0.194 min

Lab File: BF130955.D

Acq: 03 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB148712TB

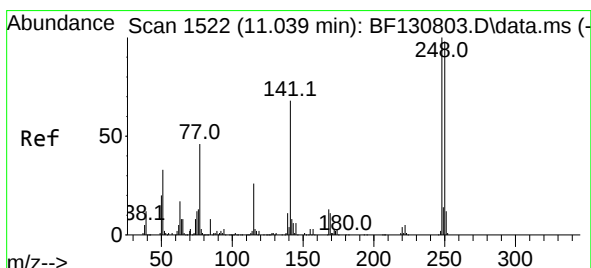
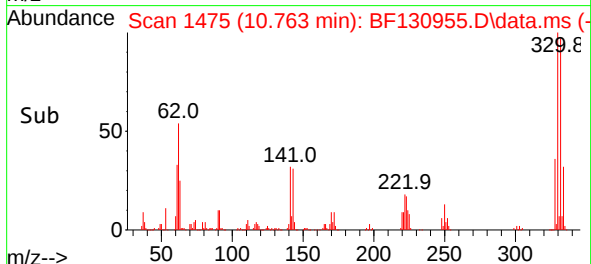
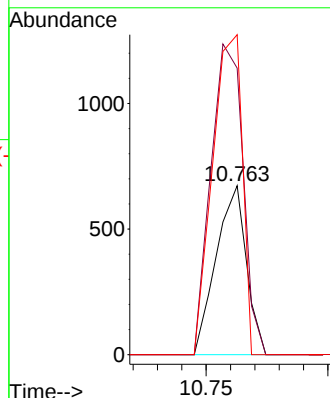
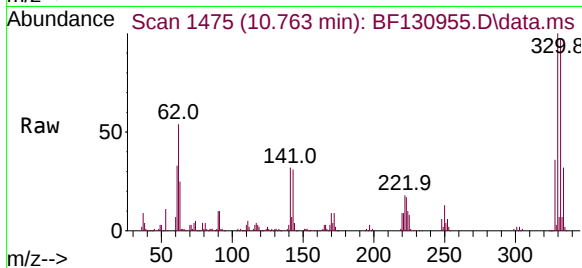
Tgt Ion:198 Resp: 580

Ion Ratio Lower Upper

198 100

51 169.5 39.0 79.0#

105 189.3 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 4.478 ng

RT: 10.763 min Scan# 1475

Delta R.T. -0.247 min

Lab File: BF130955.D

Acq: 03 Nov 2022 10:38

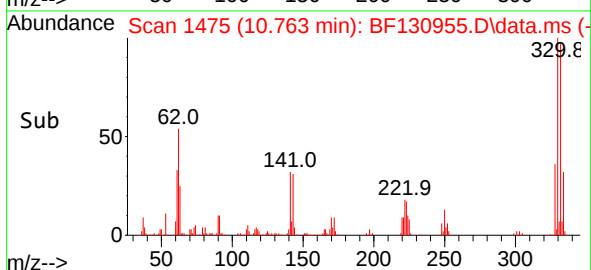
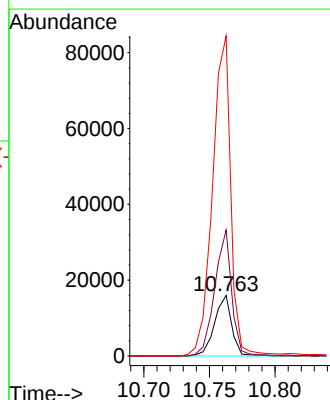
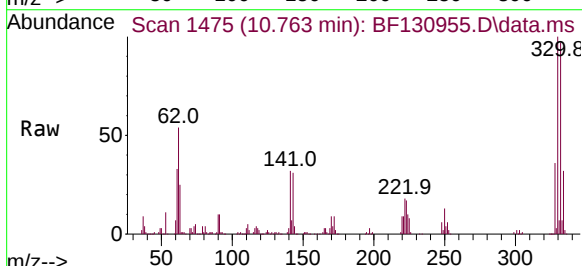
Tgt Ion:248 Resp: 14535

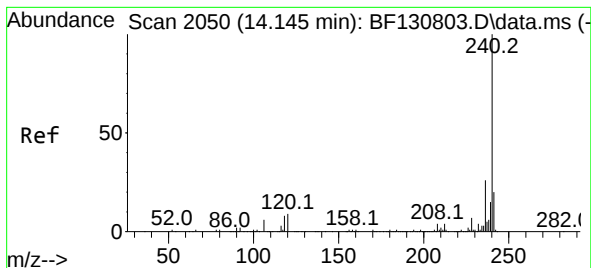
Ion Ratio Lower Upper

248 100

250 208.5 78.6 117.8#

141 529.3 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2044

Delta R.T. -0.012 min

Lab File: BF130955.D

Acq: 03 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB148712TB

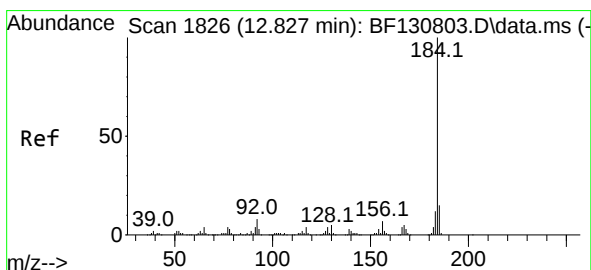
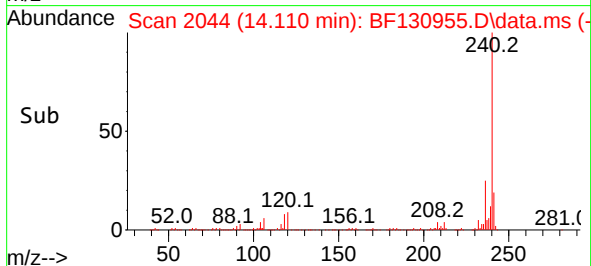
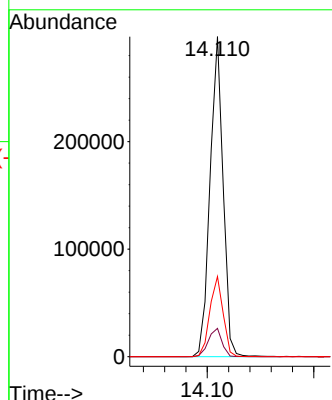
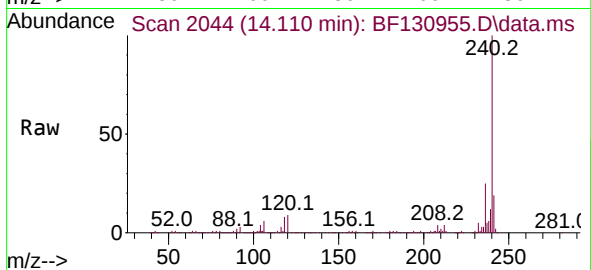
Tgt Ion:240 Resp: 253278

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.4

236 25.1 20.5 30.7



#77

Benzidine

Concen: 2.838 ng

RT: 13.057 min Scan# 1865

Delta R.T. 0.253 min

Lab File: BF130955.D

Acq: 03 Nov 2022 10:38

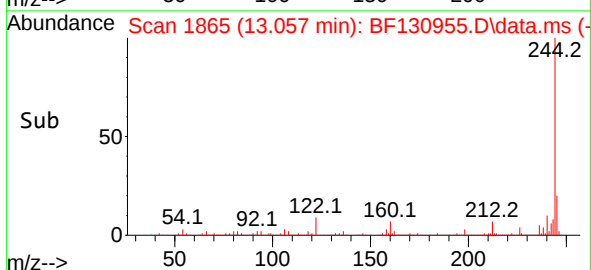
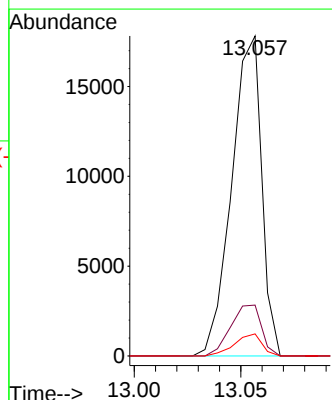
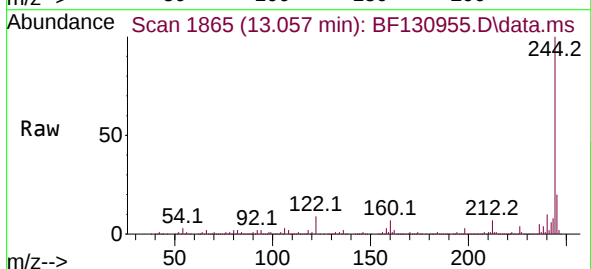
Tgt Ion:184 Resp: 17446

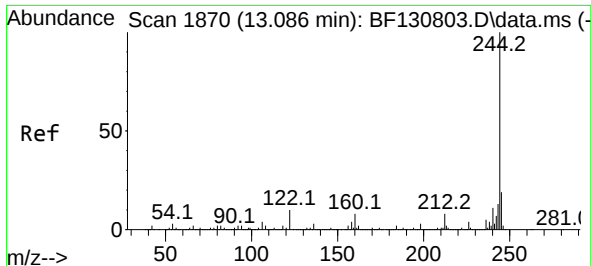
Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.8

183 6.9 9.7 14.5#

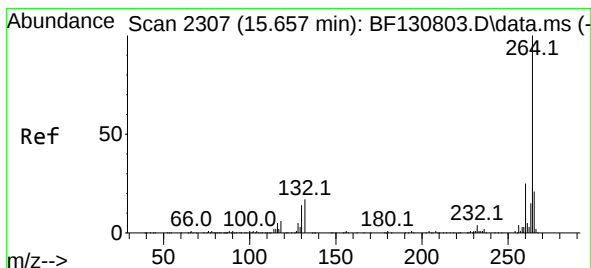
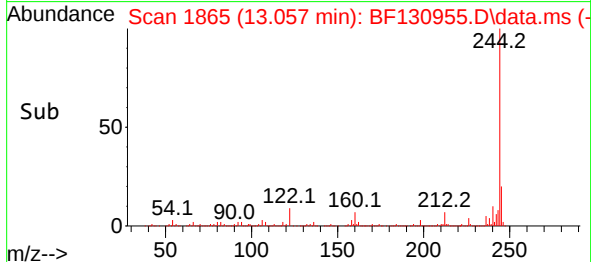
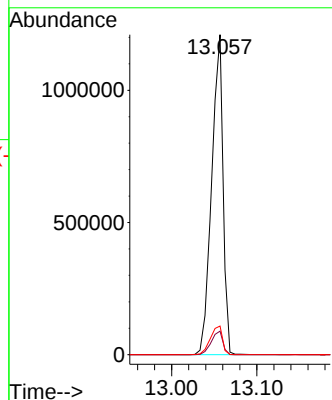
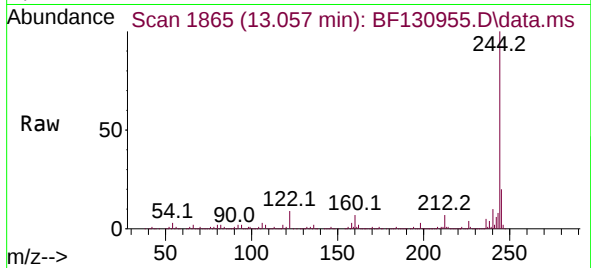




#79
 Terphenyl-d14
 Concen: 81.376 ng
 RT: 13.057 min Scan# 1865
 Delta R.T. -0.000 min
 Lab File: BF130955.D
 Acq: 03 Nov 2022 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB148712TB

Tgt Ion:244 Resp: 1124763
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2301
 Delta R.T. -0.006 min
 Lab File: BF130955.D
 Acq: 03 Nov 2022 10:38

Tgt Ion:264 Resp: 181040
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 22.2 17.0 25.6

