

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131809.D
 Acq On : 23 Dec 2022 16:36
 Operator : CG\JU
 Sample : PB149887TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149887TB

Quant Time: Dec 24 03:07:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

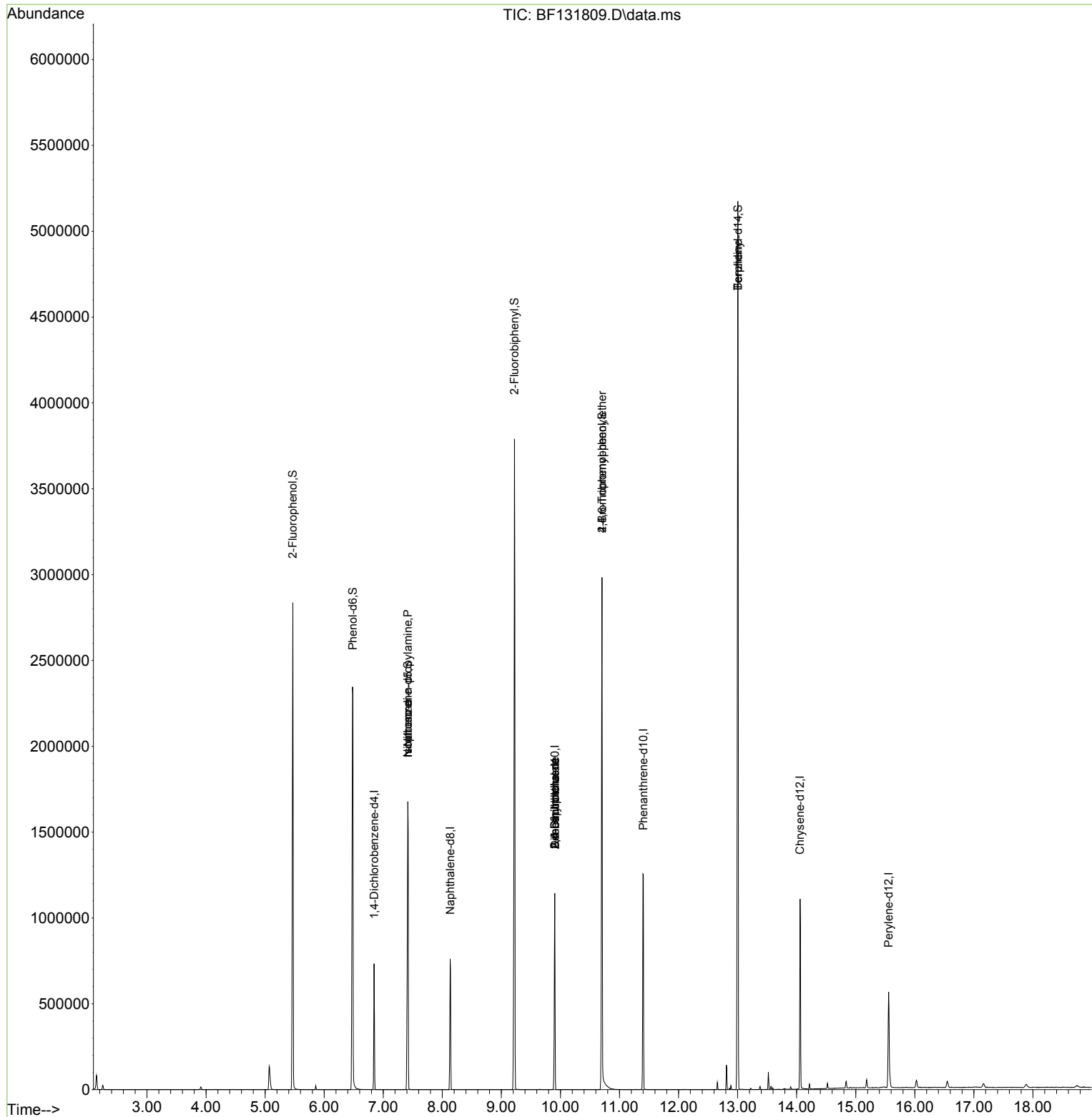
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92330	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	353637	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	230645	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	491917	20.000	ng	0.00
76) Chrysene-d12	14.057	240	383056	20.000	ng	-0.01
86) Perylene-d12	15.557	264	266090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	743272	135.556	ng	0.01
7) Phenol-d6	6.487	99	975416	132.167	ng	0.00
23) Nitrobenzene-d5	7.416	82	694651	79.743	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	353316	139.955	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1302383	79.100	ng	0.00
79) Terphenyl-d14	13.004	244	2009722	81.769	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	1786	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.416	70	96773	18.181	ng	# 82
25) Isophorone	7.416	82	694504	46.946	ng	# 70
50) Dimethylphthalate	9.904	163	40802	2.351	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	29809	7.988	ng	# 18
57) 2,4-Dinitrotoluene	9.904	165	29809	5.945	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	23641	4.069	ng	# 1
77) Benzidine	13.004	184	31016	4.416	ng	# 93

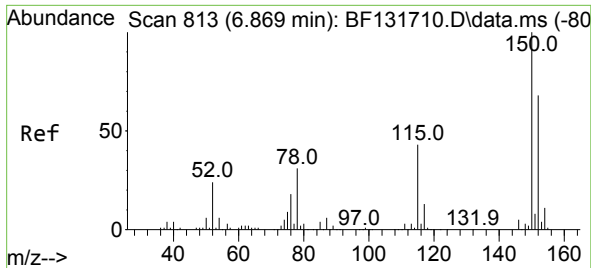
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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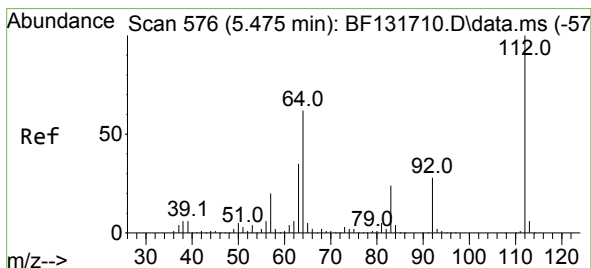
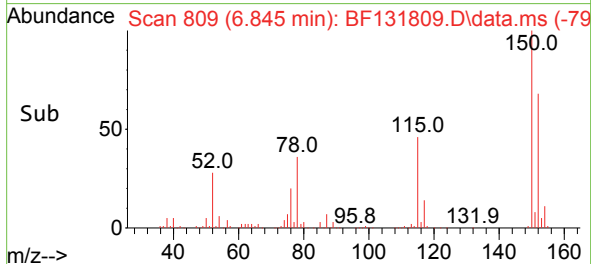
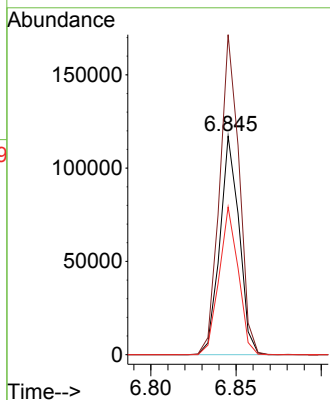
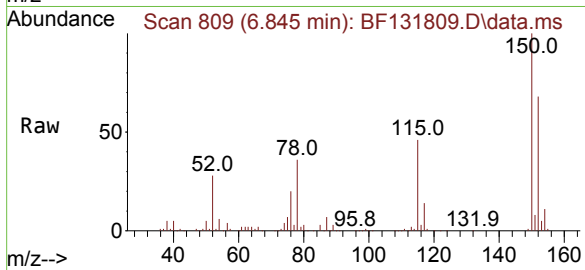




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

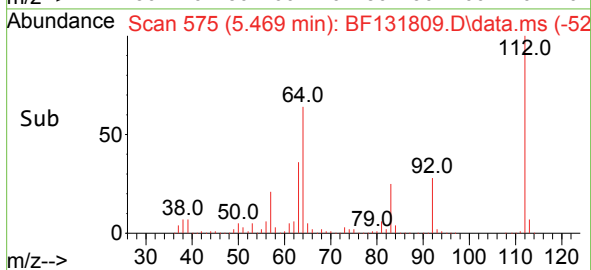
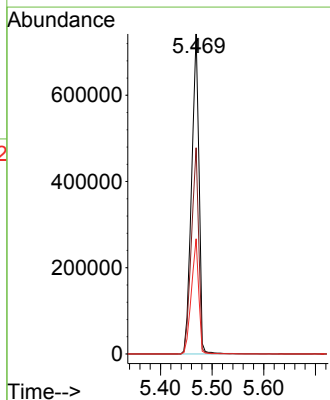
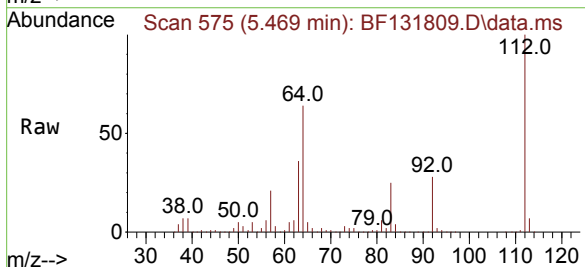
Instrument :
BNA_F
ClientSampleId :
PB149887TB

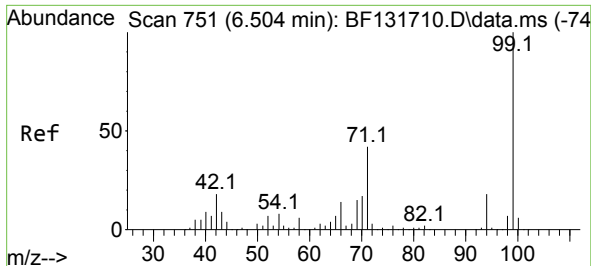
Tgt Ion:152 Resp: 92330
Ion Ratio Lower Upper
152 100
150 146.4 117.4 176.0
115 67.6 50.2 75.4



#5
2-Fluorophenol
Concen: 135.556 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

Tgt Ion:112 Resp: 743272
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 36.0 28.2 42.2

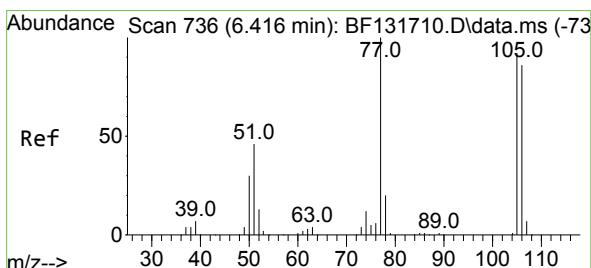
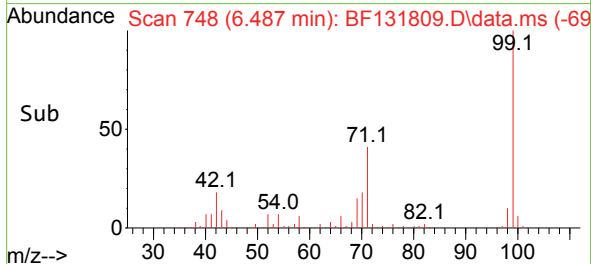
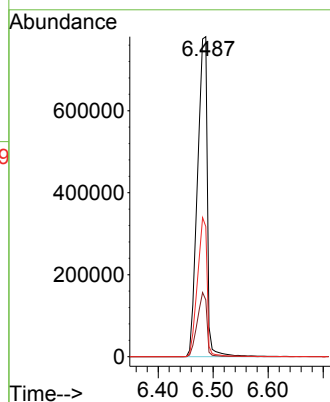
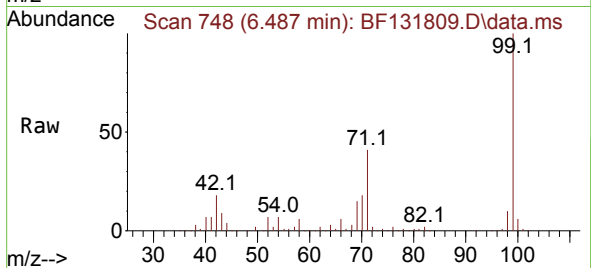




#7
Phenol-d6
Concen: 132.167 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

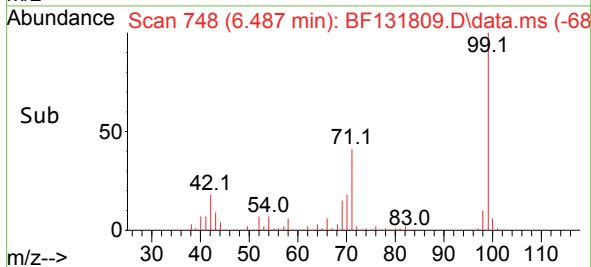
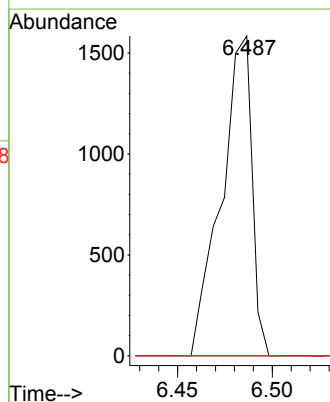
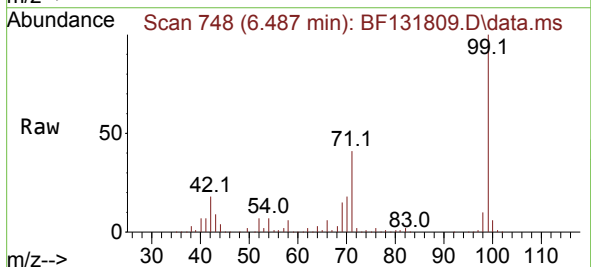
Instrument :
BNA_F
ClientSampleId :
PB149887TB

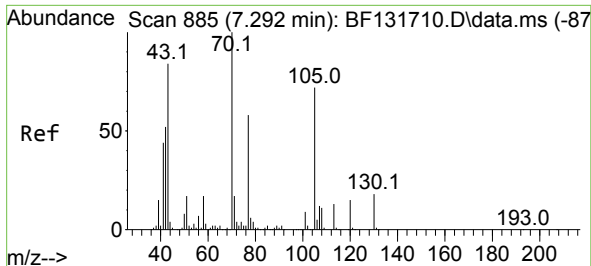
Tgt Ion: 99 Resp: 975416
Ion Ratio Lower Upper
99 100
42 17.8 14.8 22.2
71 40.7 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 748
Delta R.T. 0.082 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

Tgt Ion: 77 Resp: 1786
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

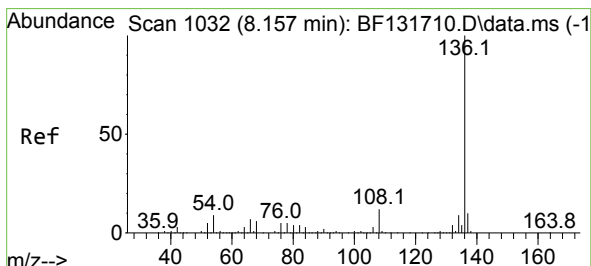
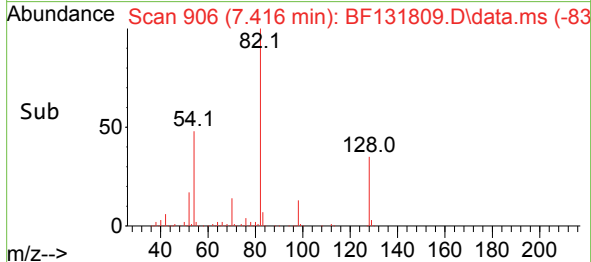
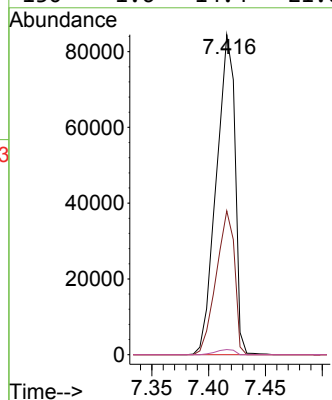
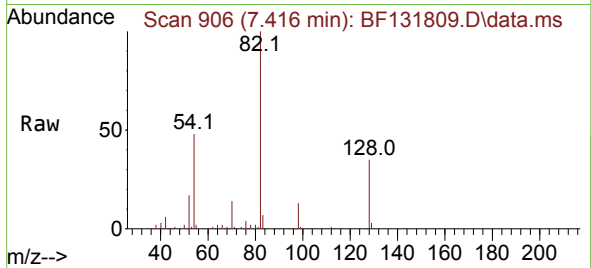




#19
n-Nitroso-di-n-propylamine
Concen: 18.181 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

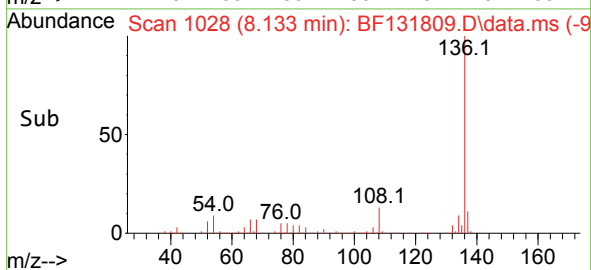
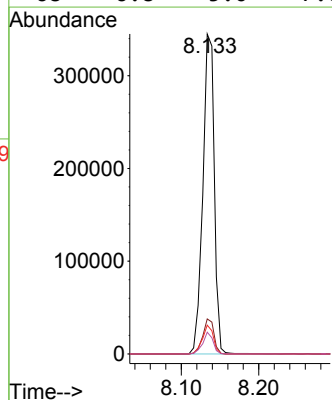
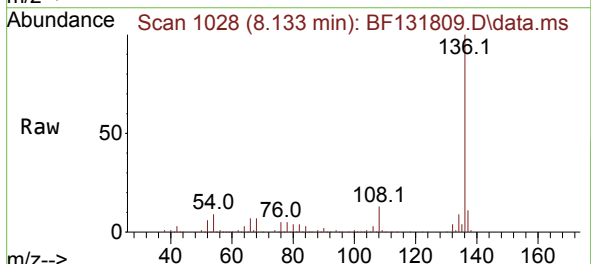
Instrument :
BNA_F
ClientSampleId :
PB149887TB

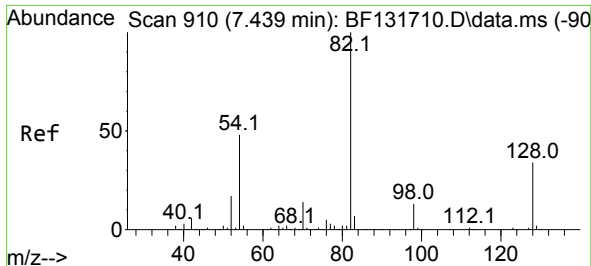
Tgt Ion: 70 Resp: 96773
Ion Ratio Lower Upper
70 100
42 44.9 41.5 62.3
101 0.0 7.3 10.9#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

Tgt Ion: 136 Resp: 353637
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.0 7.2 10.8
68 6.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 79.743 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB149887TB

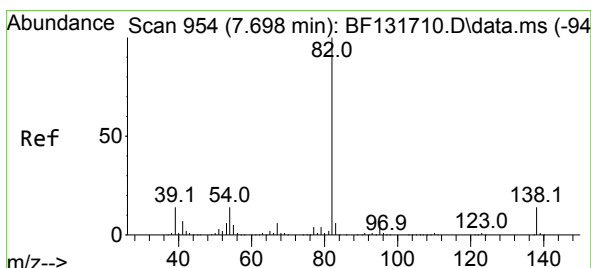
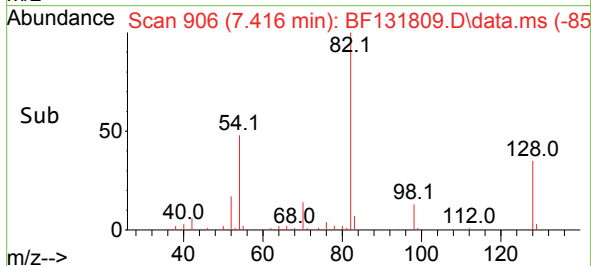
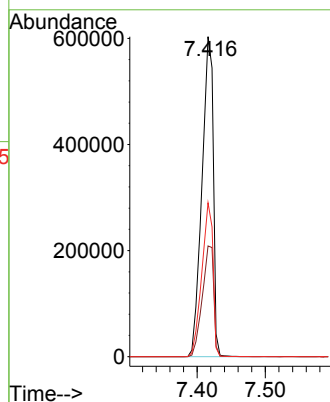
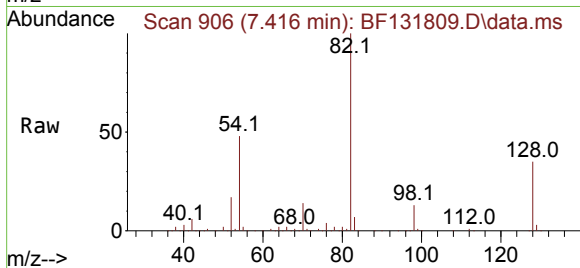
Tgt Ion: 82 Resp: 694651

Ion Ratio Lower Upper

82 100

128 34.6 27.3 40.9

54 48.1 38.2 57.2



#25

Isophorone

Concen: 46.946 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.271 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

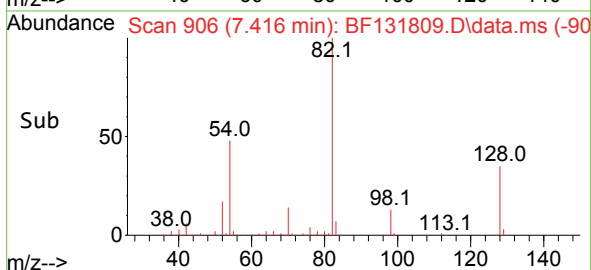
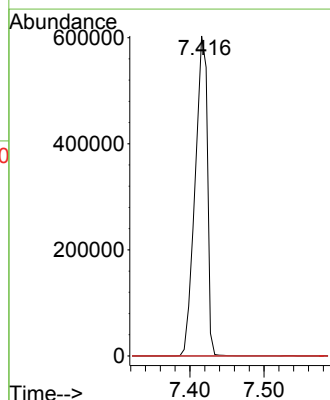
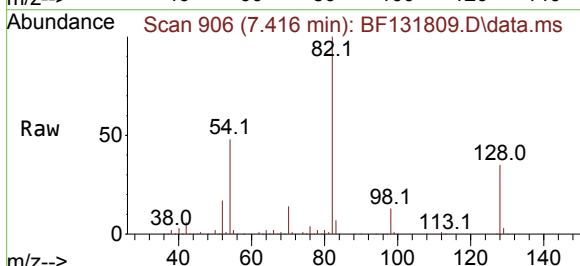
Tgt Ion: 82 Resp: 694504

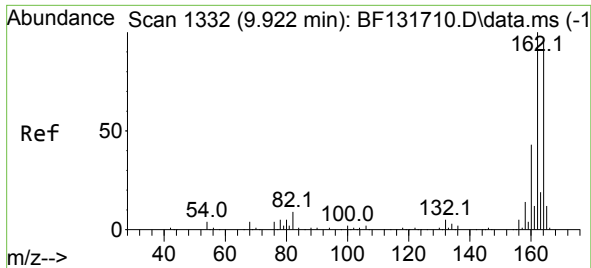
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

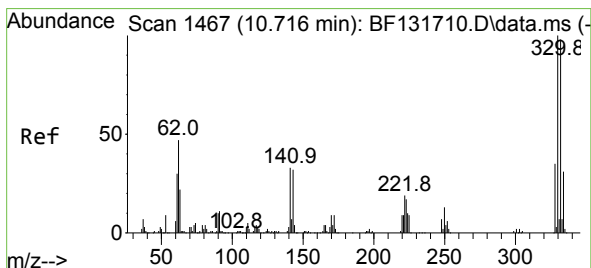
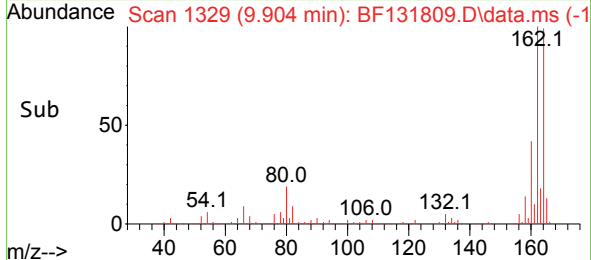
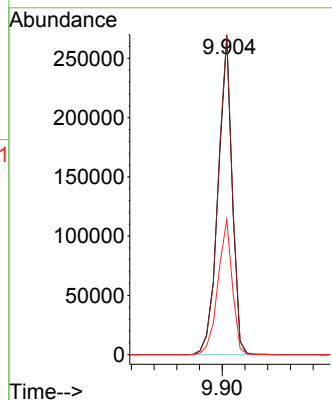
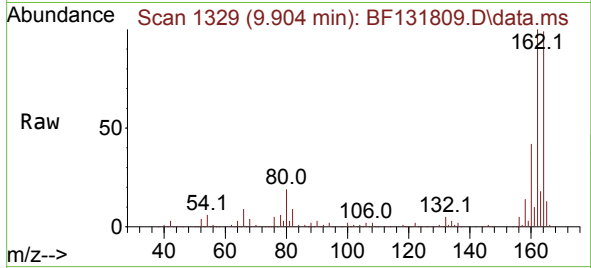




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

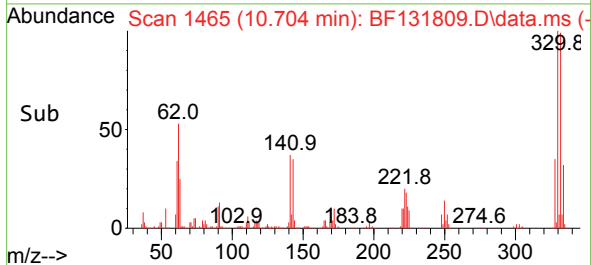
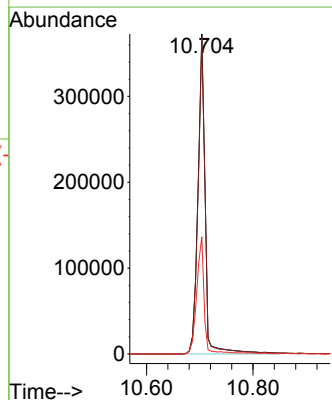
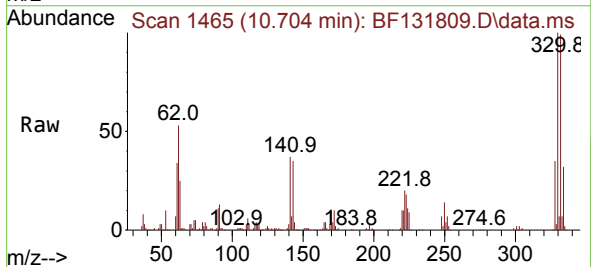
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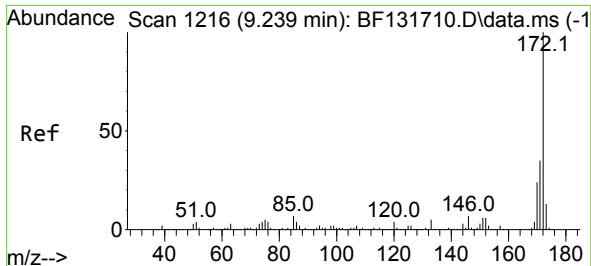
Tgt Ion:164 Resp: 230645
Ion Ratio Lower Upper
164 100
162 100.9 83.7 125.5
160 42.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 139.955 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

Tgt Ion:330 Resp: 353316
Ion Ratio Lower Upper
330 100
332 99.2 77.1 115.7
141 38.2 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 79.100 ng

RT: 9.222 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB149887TB

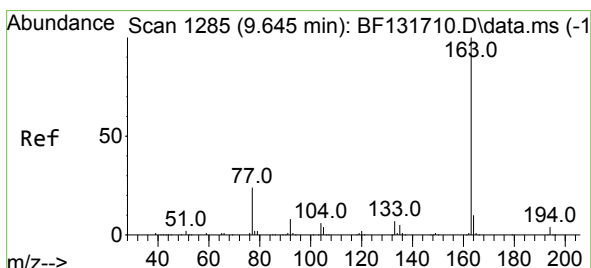
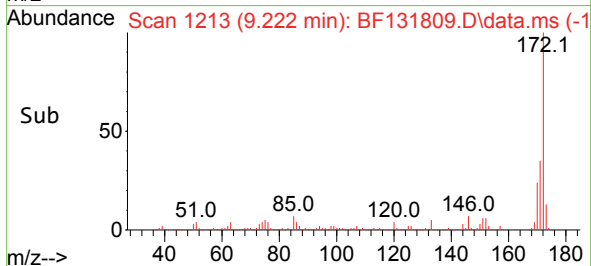
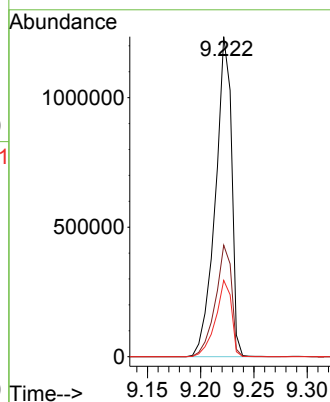
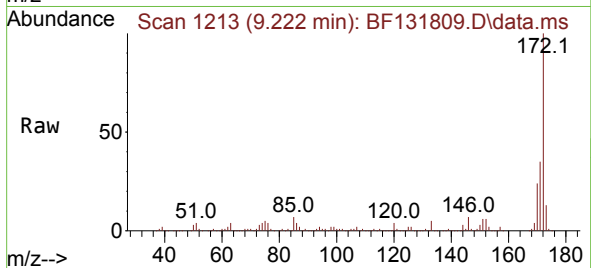
Tgt Ion:172 Resp: 1302383

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.9 19.0 28.4



#50

Dimethylphthalate

Concen: 2.351 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.265 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

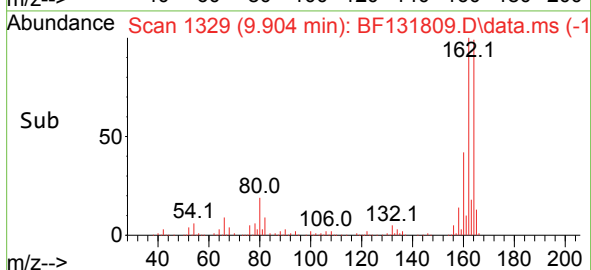
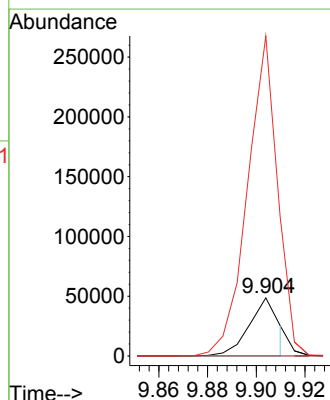
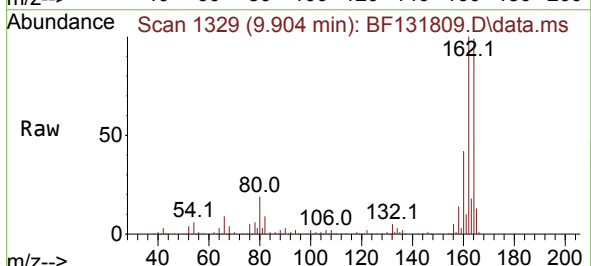
Tgt Ion:163 Resp: 40802

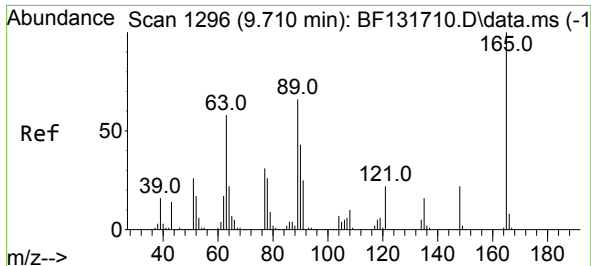
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 550.2 8.2 12.4#

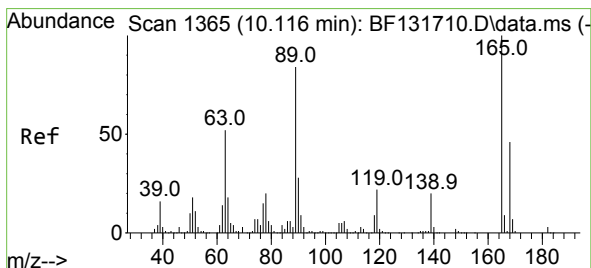
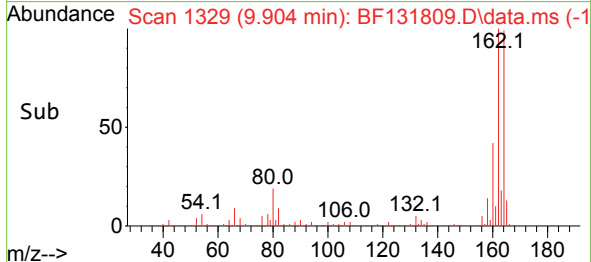
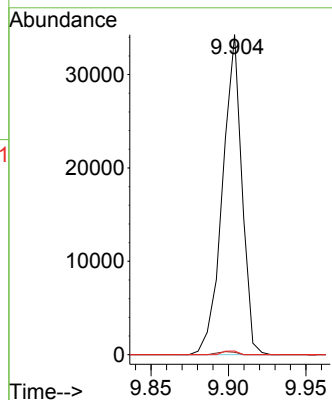
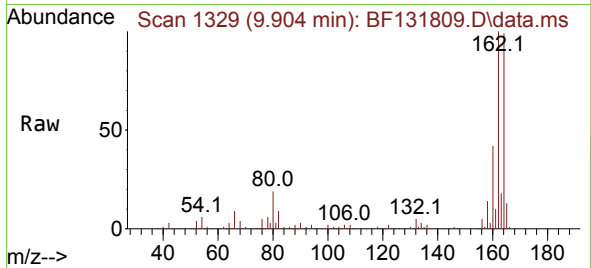




#51
2,6-Dinitrotoluene
Concen: 7.988 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

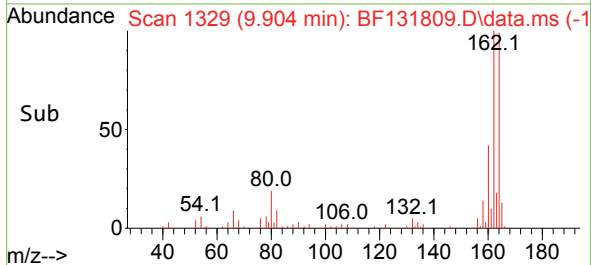
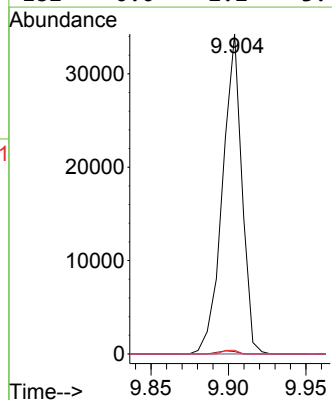
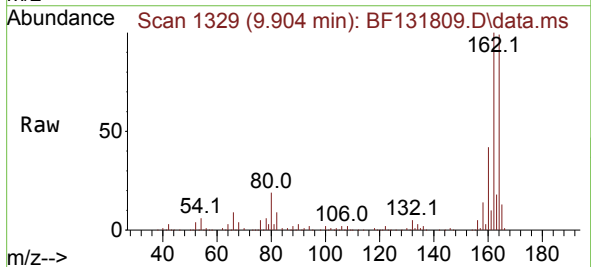
Instrument :
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ClientSampleId :
PB149887TB

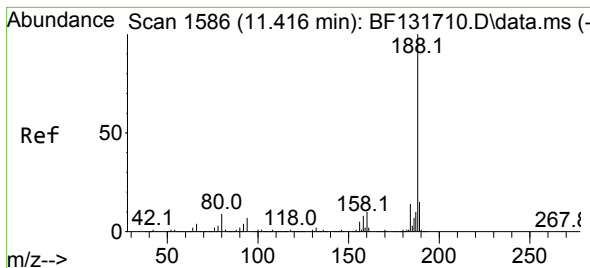
Tgt Ion:165 Resp: 29809
Ion Ratio Lower Upper
165 100
63 0.7 51.8 77.8#
89 1.1 53.2 79.8#



#57
2,4-Dinitrotoluene
Concen: 5.945 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.206 min
Lab File: BF131809.D
Acq: 23 Dec 2022 16:36

Tgt Ion:165 Resp: 29809
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 1.1 67.0 100.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB149887TB

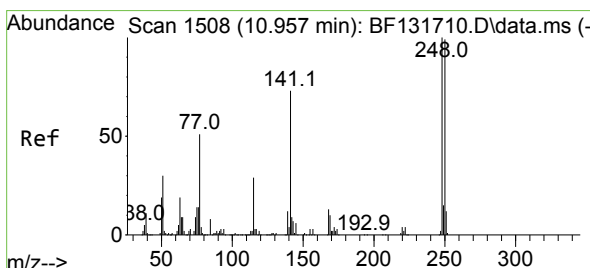
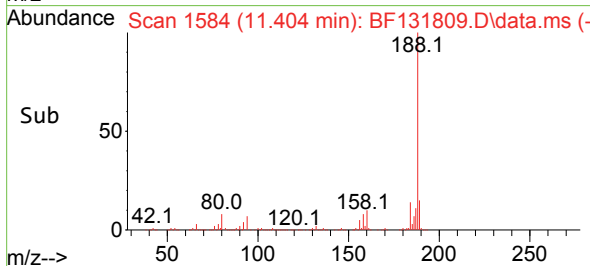
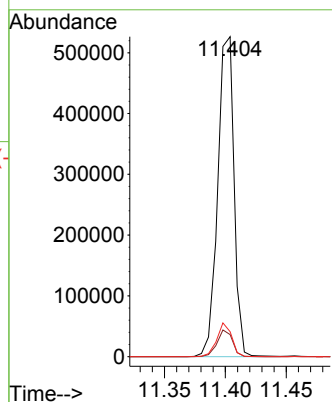
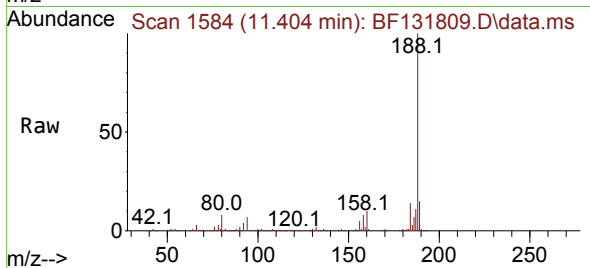
Tgt Ion:188 Resp: 491917

Ion Ratio Lower Upper

188 100

94 6.9 5.9 8.9

80 7.8 7.0 10.6



#67

4-Bromophenyl-phenylether

Concen: 4.069 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

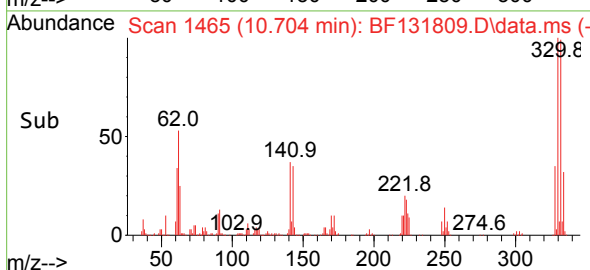
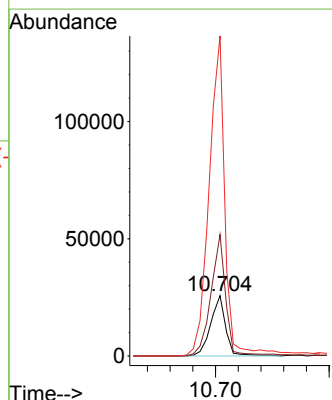
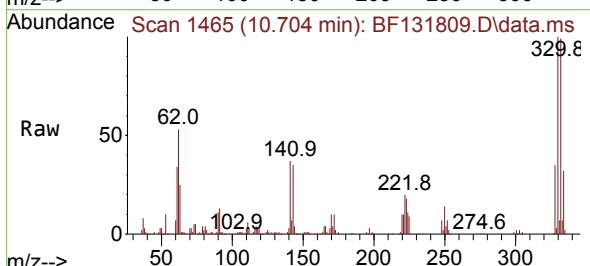
Tgt Ion:248 Resp: 23641

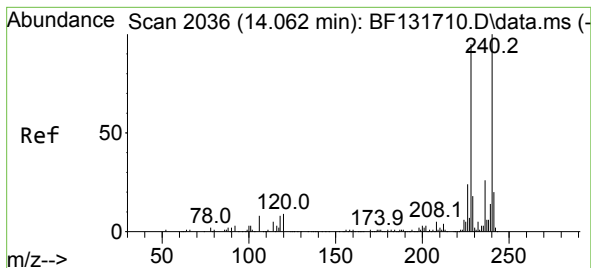
Ion Ratio Lower Upper

248 100

250 201.2 79.4 119.0#

141 530.1 58.1 87.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB149887TB

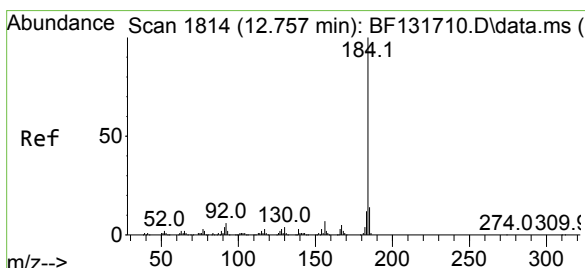
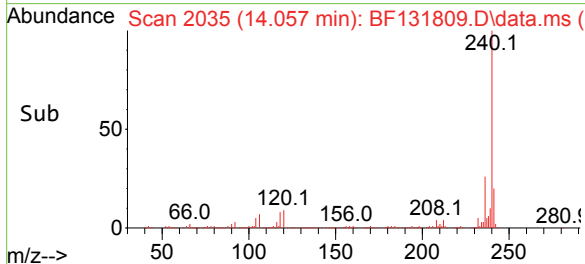
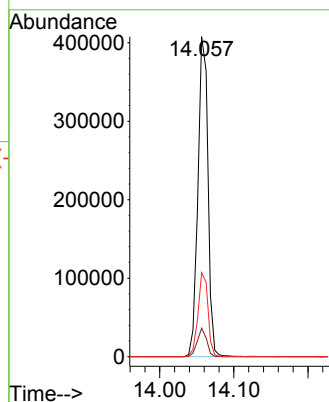
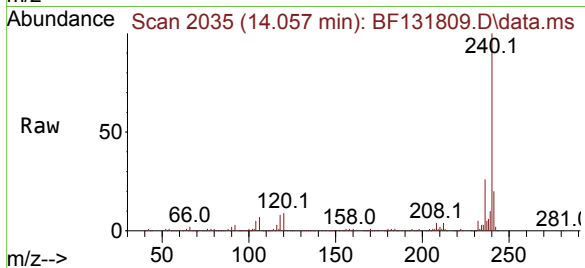
Tgt Ion:240 Resp: 383056

Ion Ratio Lower Upper

240 100

120 8.9 7.6 11.4

236 26.2 21.2 31.8



#77

Benzidine

Concen: 4.416 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.253 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

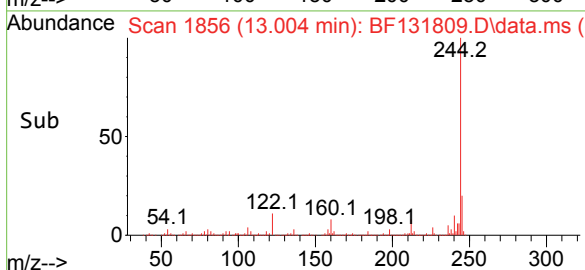
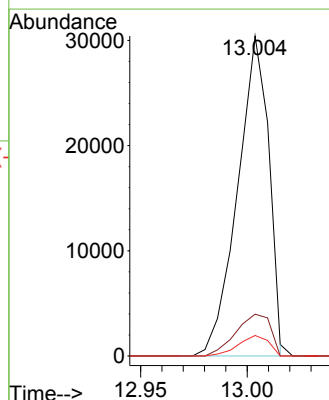
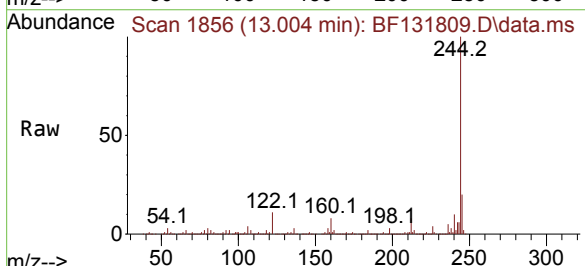
Tgt Ion:184 Resp: 31016

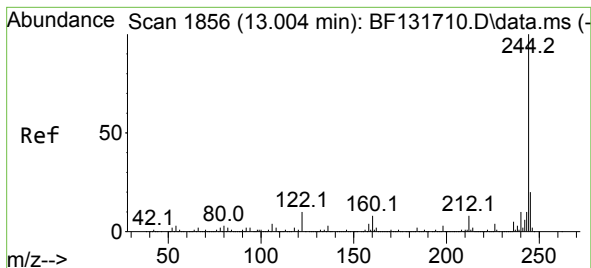
Ion Ratio Lower Upper

184 100

185 13.1 11.3 16.9

183 6.4 9.3 13.9#





#79

Terphenyl-d14

Concen: 81.769 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131809.D

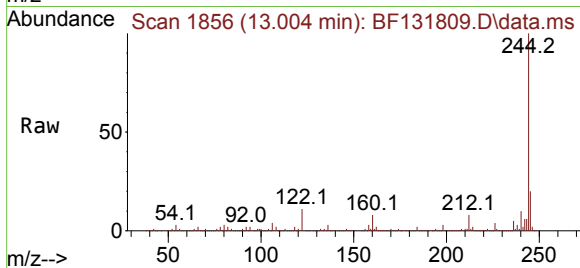
Acq: 23 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB149887TB



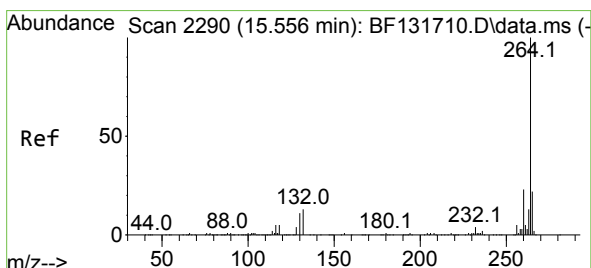
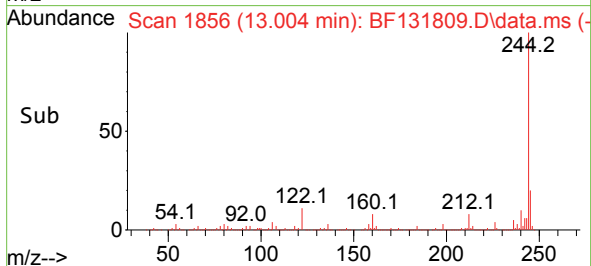
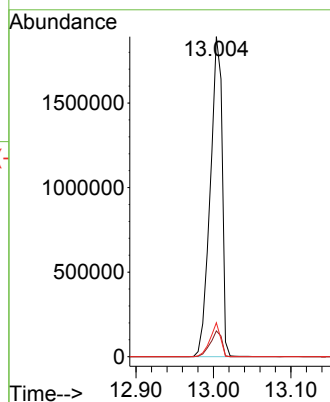
Tgt Ion:244 Resp: 2009722

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 10.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. -0.006 min

Lab File: BF131809.D

Acq: 23 Dec 2022 16:36

Tgt Ion:264 Resp: 266090

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 20.9 17.4 26.2

