

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131808.D
 Acq On : 23 Dec 2022 16:03
 Operator : CG\JU
 Sample : PB149887BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149887BL

Quant Time: Dec 24 03:06:39 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)

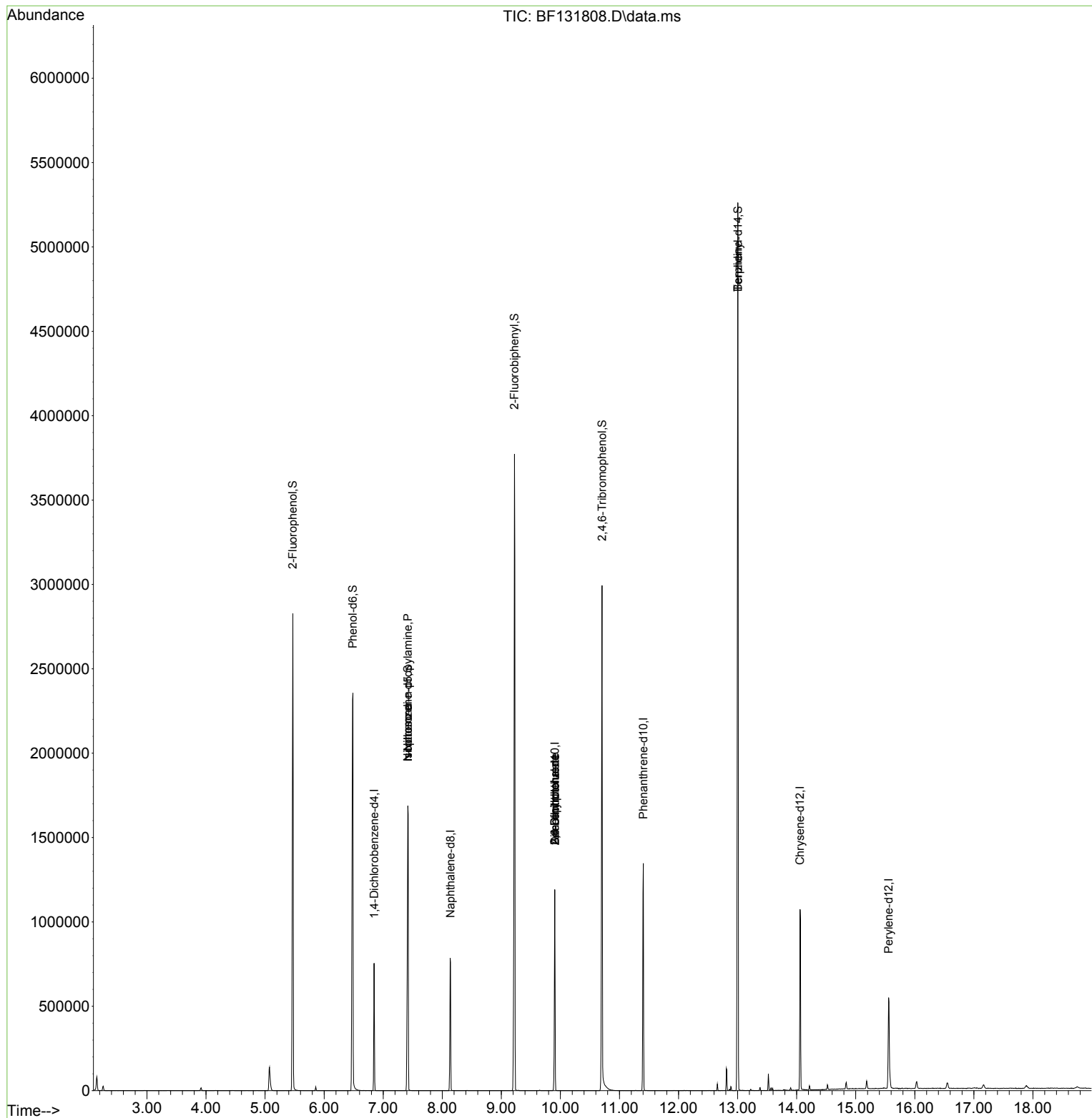
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95276	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	361211	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	232139	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	490621	20.000	ng	0.00
76) Chrysene-d12	14.057	240	382077	20.000	ng	-0.01
86) Perylene-d12	15.557	264	266357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	765834	135.352	ng	0.01
7) Phenol-d6	6.487	99	998539	131.117	ng	0.00
23) Nitrobenzene-d5	7.416	82	709701	79.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	357916	140.865	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1325157	79.966	ng	0.00
79) Terphenyl-d14	13.004	244	1988875	81.128	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1715	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.416	70	99376	18.093	ng	# 81
25) Isophorone	7.416	82	703578	46.562	ng	# 70
50) Dimethylphthalate	9.904	163	40642	2.327	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	30489	8.118	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	30489	6.041	ng	# 18
77) Benizidine	13.004	184	30047	4.289	ng	# 93

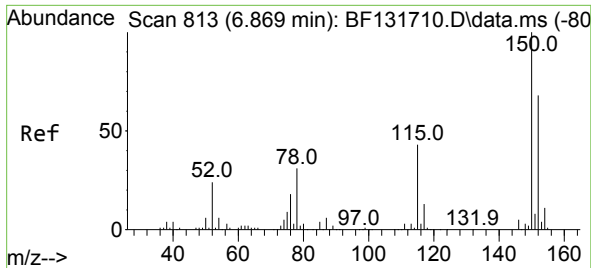
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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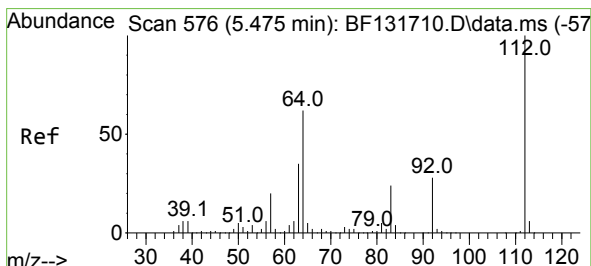
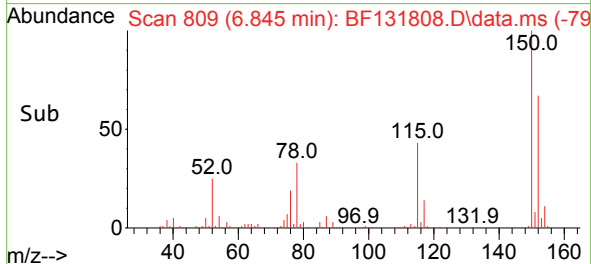
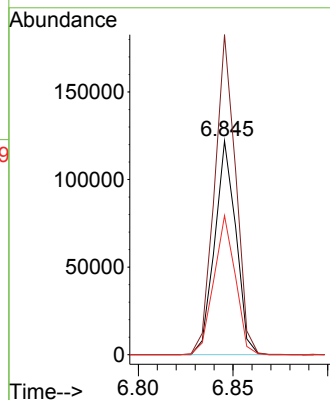
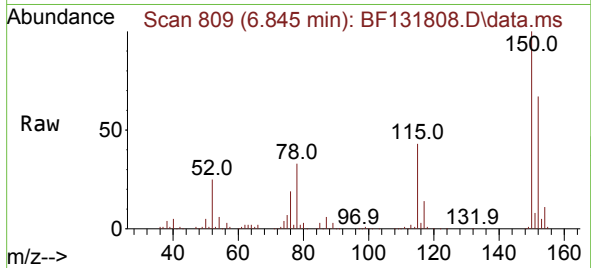




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

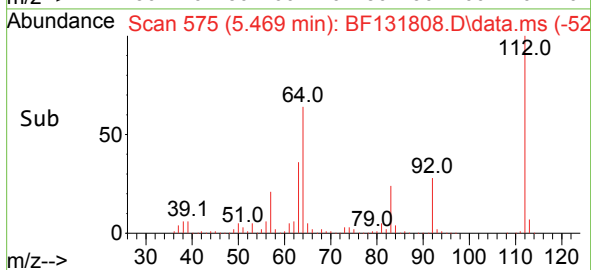
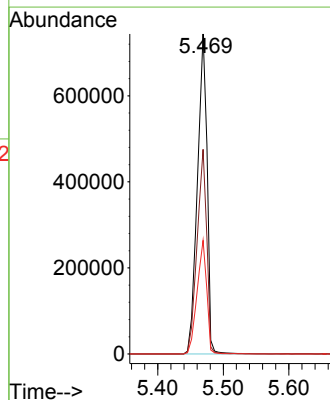
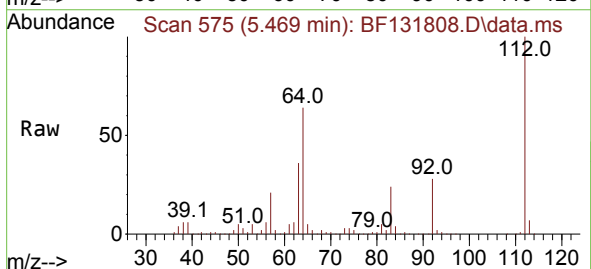
Instrument :
BNA_F
ClientSampleId :
PB149887BL

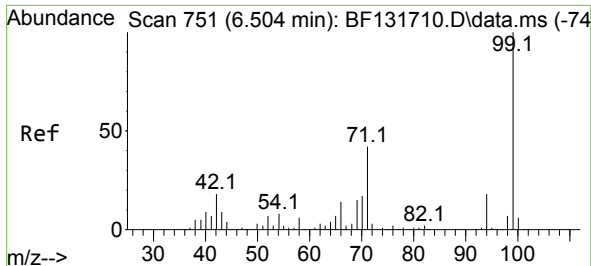
Tgt Ion:152 Resp: 95276
Ion Ratio Lower Upper
152 100
150 149.7 117.4 176.0
115 65.0 50.2 75.4



#5
2-Fluorophenol
Concen: 135.352 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

Tgt Ion:112 Resp: 765834
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 35.5 28.2 42.2

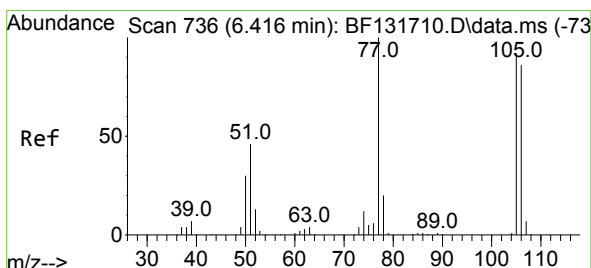
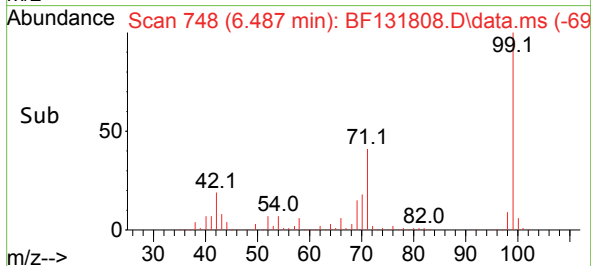
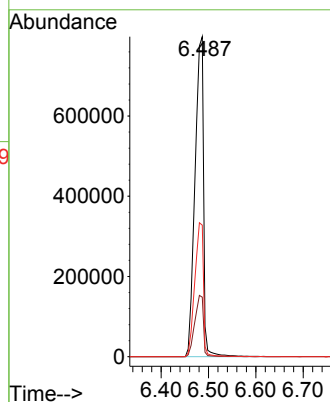
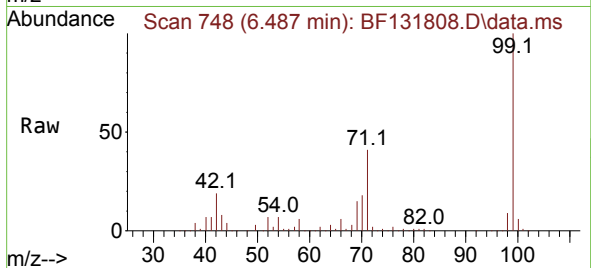




#7
Phenol-d6
Concen: 131.117 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

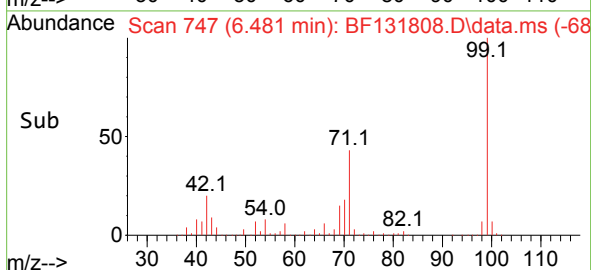
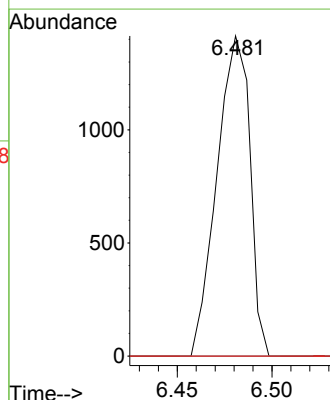
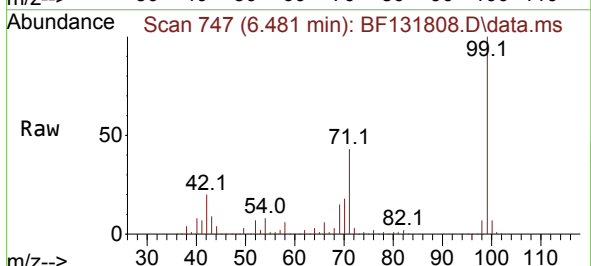
Instrument :
BNA_F
ClientSampleId :
PB149887BL

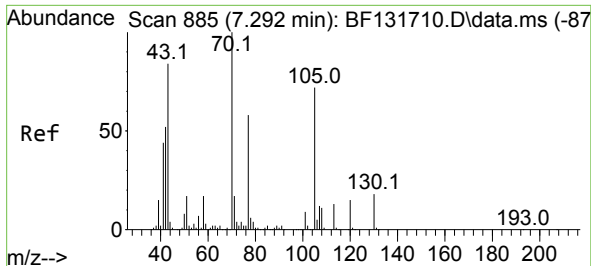
Tgt Ion: 99 Resp: 998539
Ion Ratio Lower Upper
99 100
42 18.6 14.8 22.2
71 41.1 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 747
Delta R.T. 0.077 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

Tgt Ion: 77 Resp: 1715
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

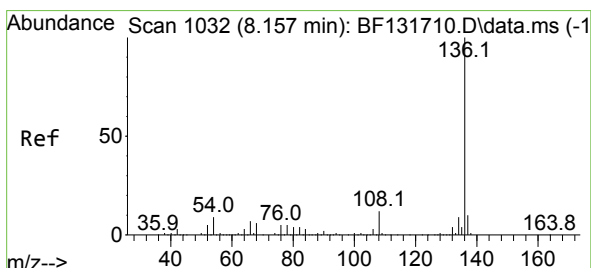
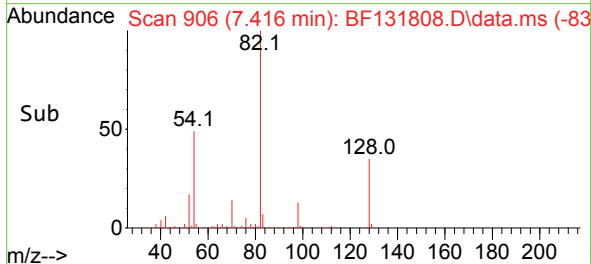
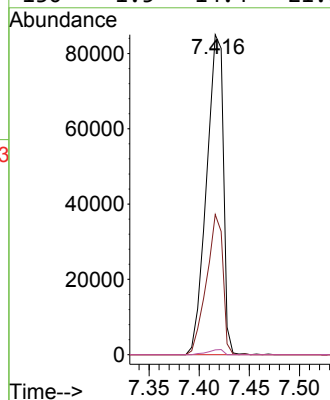
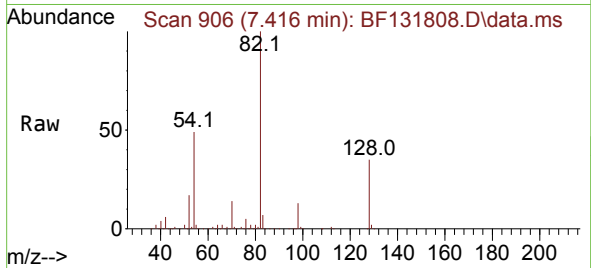




#19
n-Nitroso-di-n-propylamine
Concen: 18.093 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

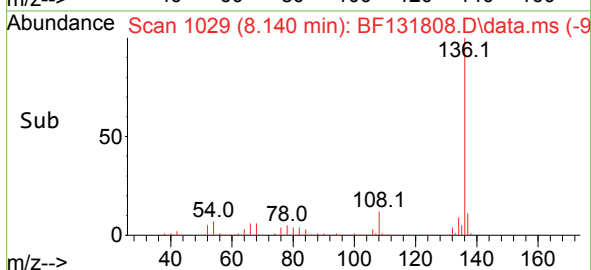
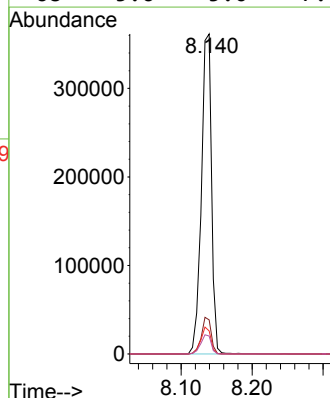
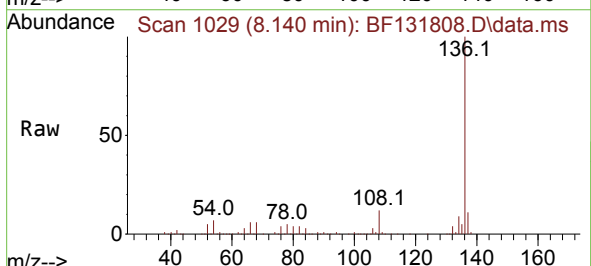
Instrument :
BNA_F
ClientSampleId :
PB149887BL

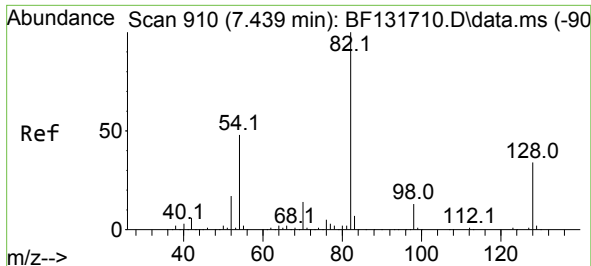
Tgt Ion: 70 Resp: 99376
Ion Ratio Lower Upper
70 100
42 43.8 41.5 62.3
101 0.0 7.3 10.9#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

Tgt Ion: 136 Resp: 361211
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 7.2 10.8#
68 5.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 79.763 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF131808.D

Acq: 23 Dec 2022 16:03

Instrument :

BNA_F

ClientSampleId :

PB149887BL

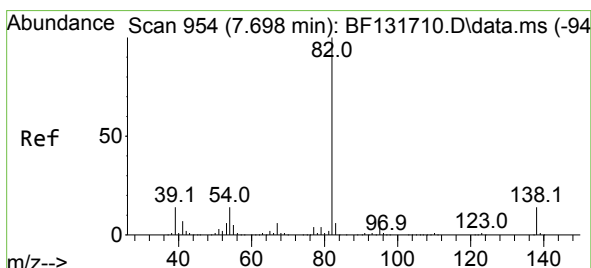
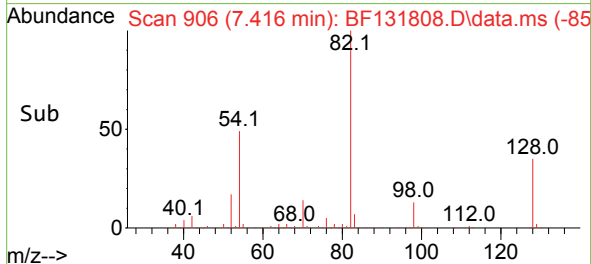
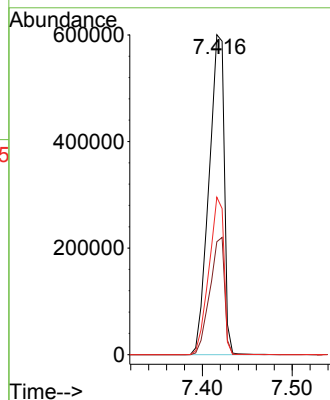
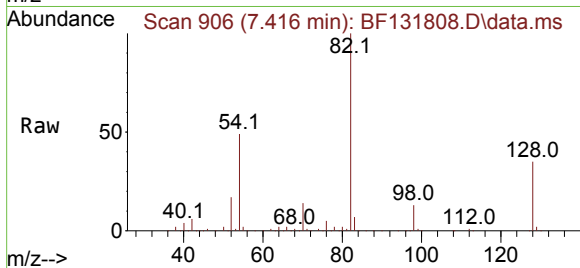
Tgt Ion: 82 Resp: 709701

Ion Ratio Lower Upper

82 100

128 35.3 27.3 40.9

54 49.2 38.2 57.2



#25

Isophorone

Concen: 46.562 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.270 min

Lab File: BF131808.D

Acq: 23 Dec 2022 16:03

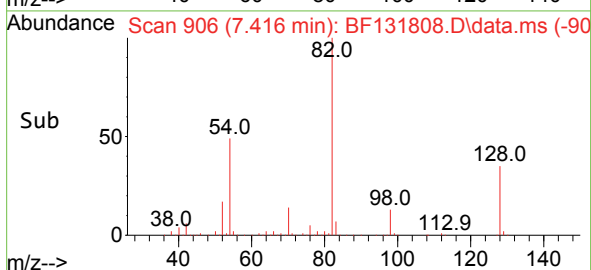
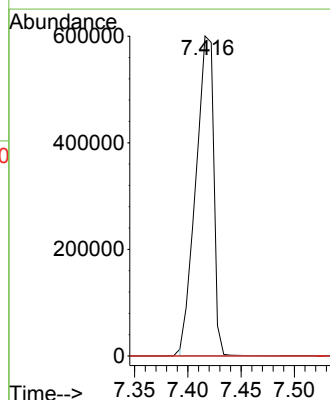
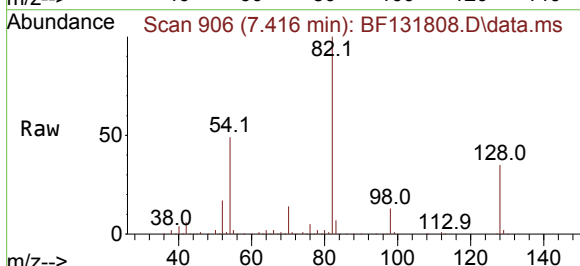
Tgt Ion: 82 Resp: 703578

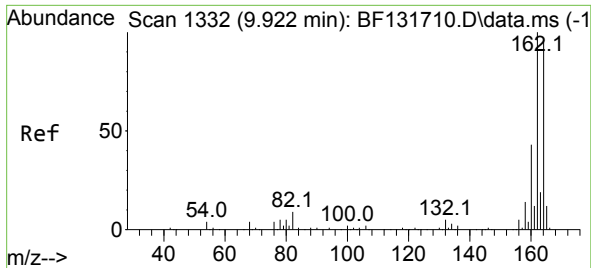
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

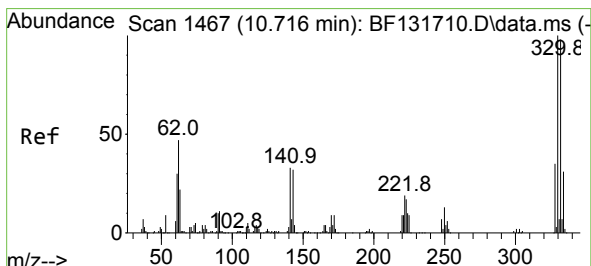
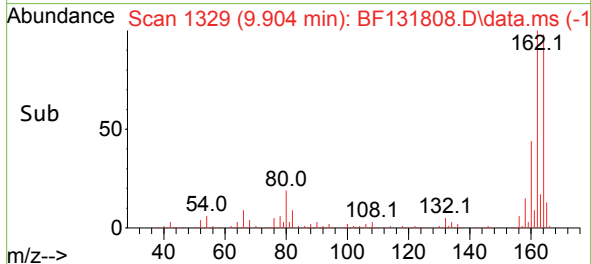
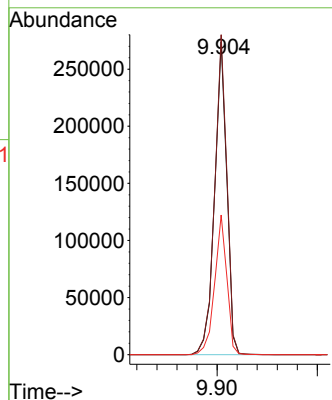
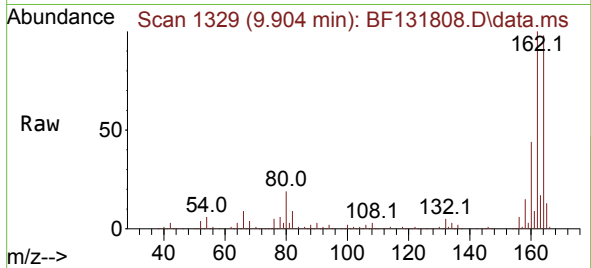




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

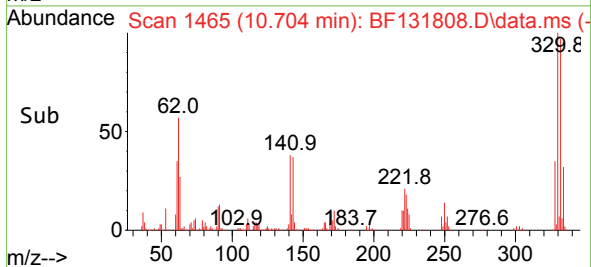
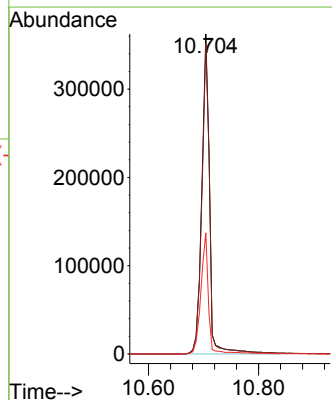
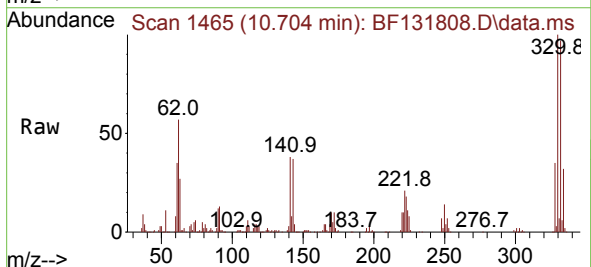
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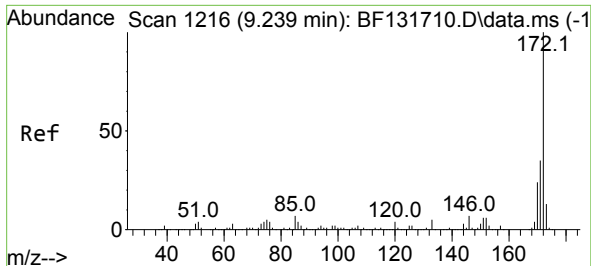
Tgt Ion:164 Resp: 232139
Ion Ratio Lower Upper
164 100
162 102.3 83.7 125.5
160 44.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 140.865 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

Tgt Ion:330 Resp: 357916
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 37.6 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 79.966 ng

RT: 9.222 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF131808.D

Acq: 23 Dec 2022 16:03

Instrument :

BNA_F

ClientSampleId :

PB149887BL

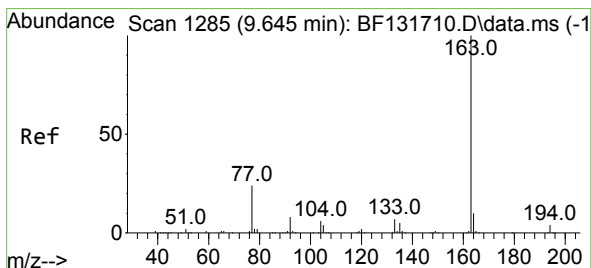
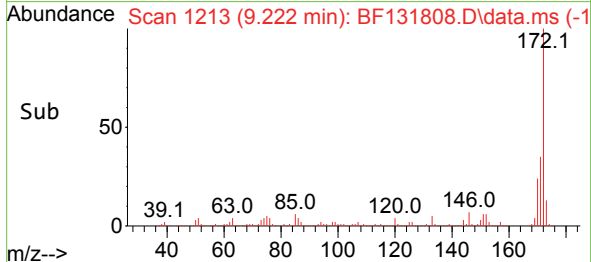
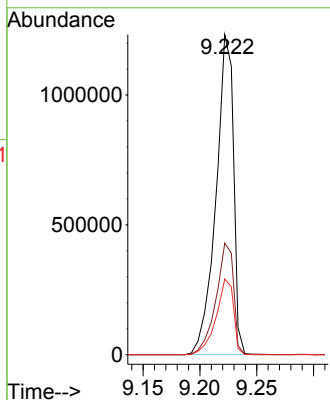
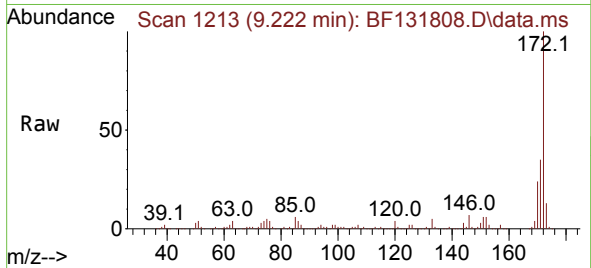
Tgt Ion:172 Resp: 1325157

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.7 19.0 28.4



#50

Dimethylphthalate

Concen: 2.327 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.265 min

Lab File: BF131808.D

Acq: 23 Dec 2022 16:03

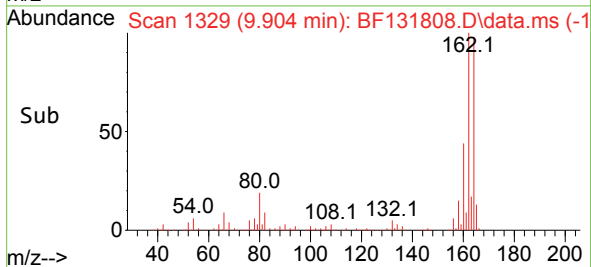
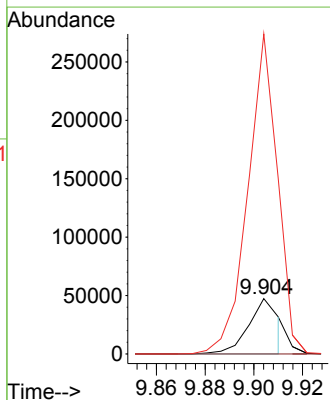
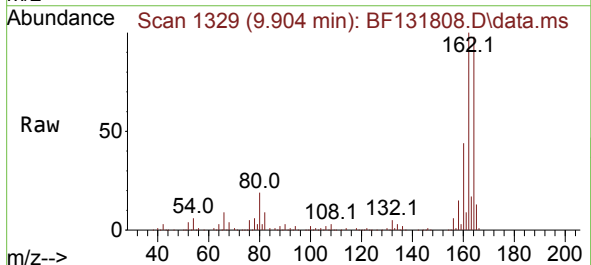
Tgt Ion:163 Resp: 40642

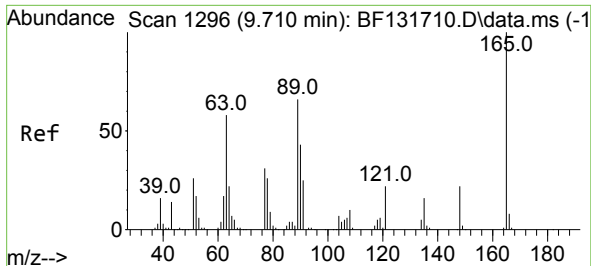
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 577.2 8.2 12.4#

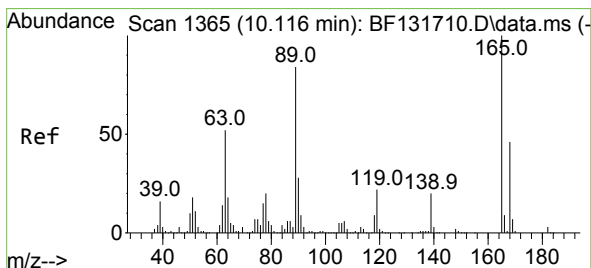
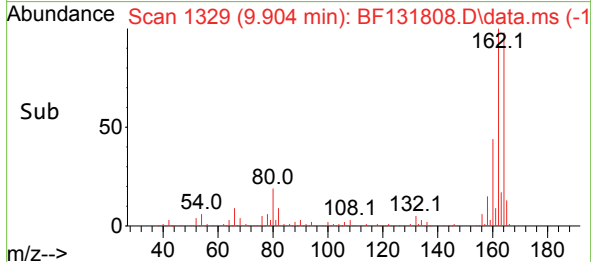
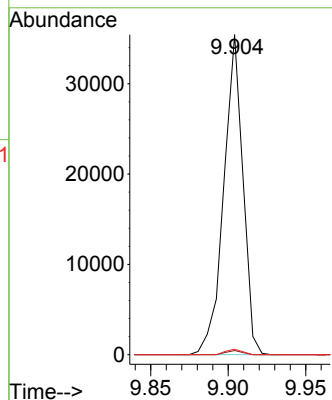
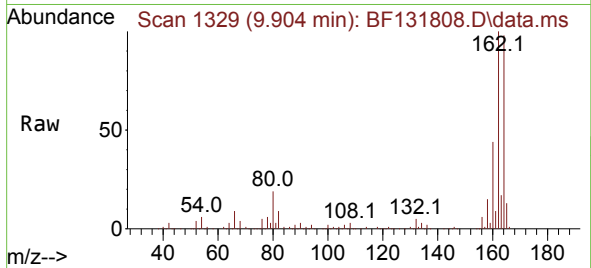




#51
2,6-Dinitrotoluene
Concen: 8.118 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

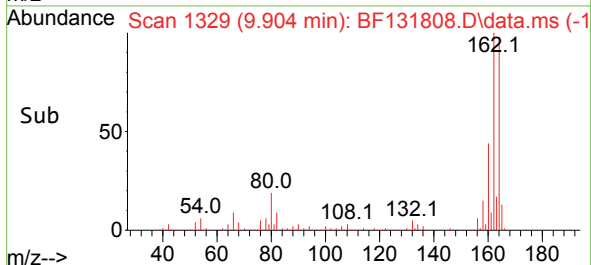
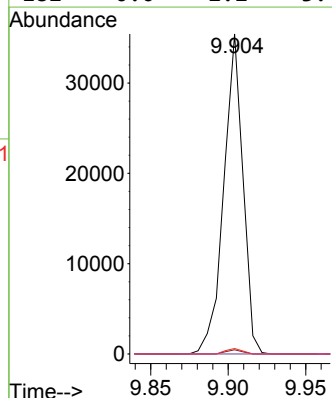
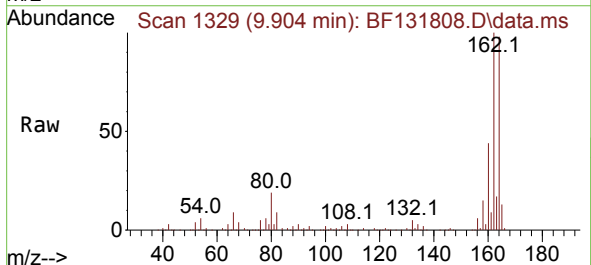
Instrument :
BNA_F
ClientSampleId :
PB149887BL

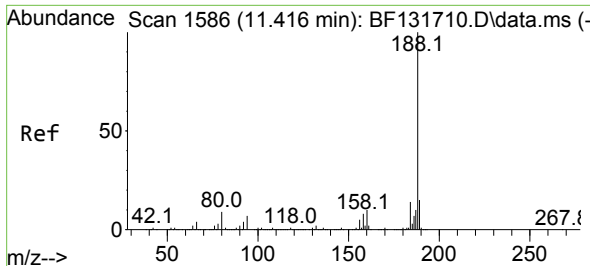
Tgt Ion:165 Resp: 30489
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.8#
89 1.7 53.2 79.8#



#57
2,4-Dinitrotoluene
Concen: 6.041 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.206 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

Tgt Ion:165 Resp: 30489
Ion Ratio Lower Upper
165 100
63 1.3 41.5 62.3#
89 1.7 67.0 100.4#
182 0.0 2.2 3.4#

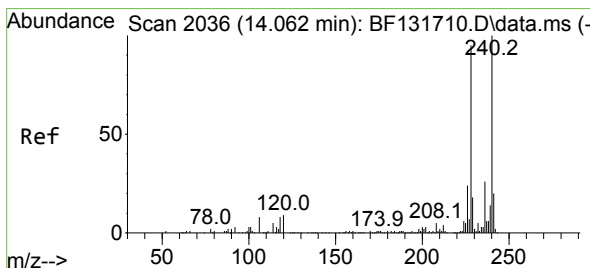
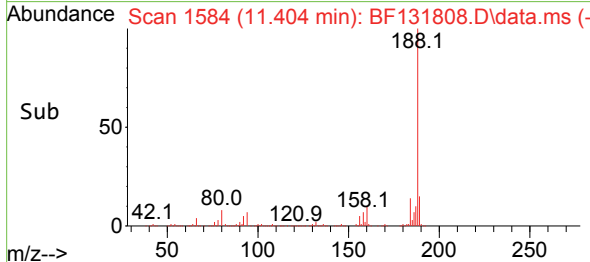
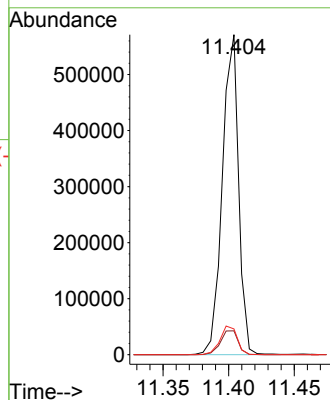
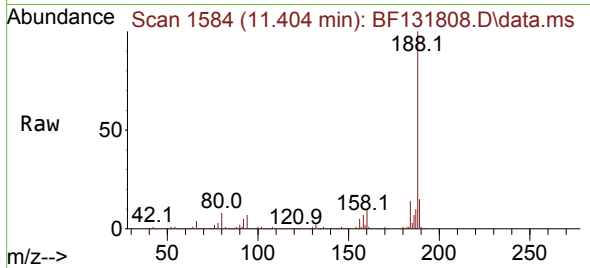




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

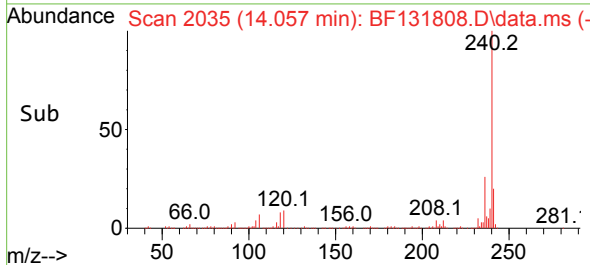
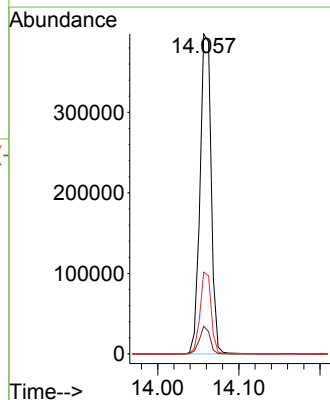
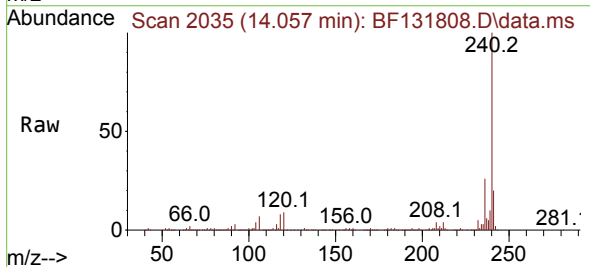
Instrument :
BNA_F
ClientSampleId :
PB149887BL

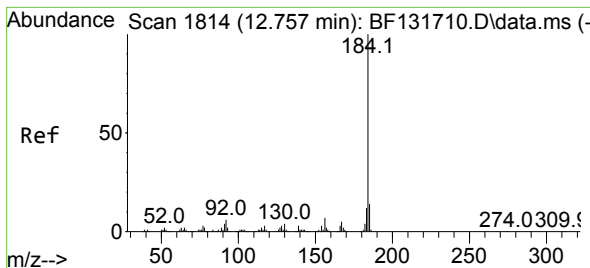
Tgt Ion:188 Resp: 490621
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 8.1 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

Tgt Ion:240 Resp: 382077
Ion Ratio Lower Upper
240 100
120 8.7 7.6 11.4
236 25.6 21.2 31.8





#77

Benzidine

Concen: 4.289 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.253 min

Lab File: BF131808.D

Acq: 23 Dec 2022 16:03

Instrument :

BNA_F

ClientSampleId :

PB149887BL

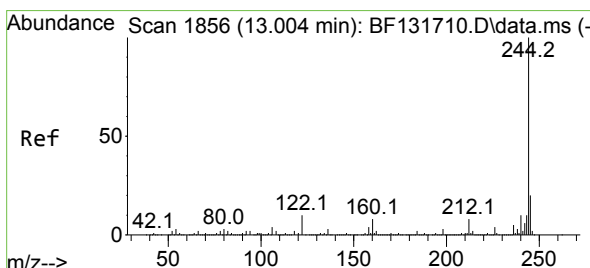
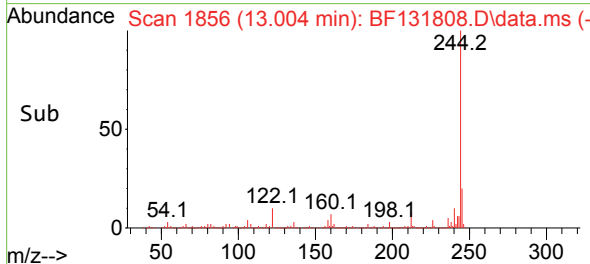
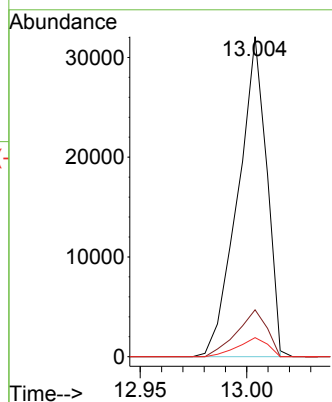
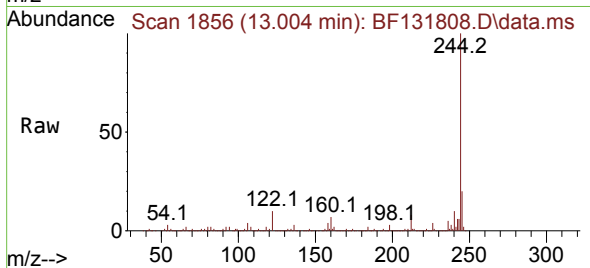
Tgt Ion:184 Resp: 30047

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 6.0 9.3 13.9#



#79

Terphenyl-d14

Concen: 81.128 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131808.D

Acq: 23 Dec 2022 16:03

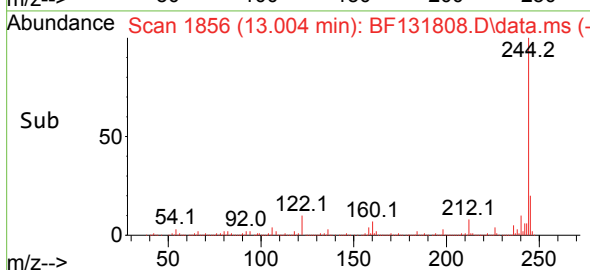
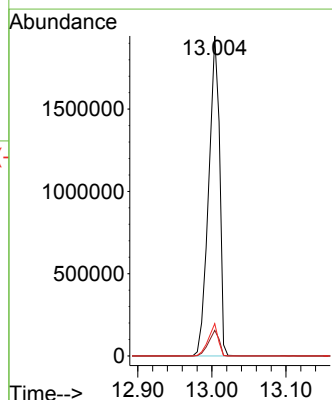
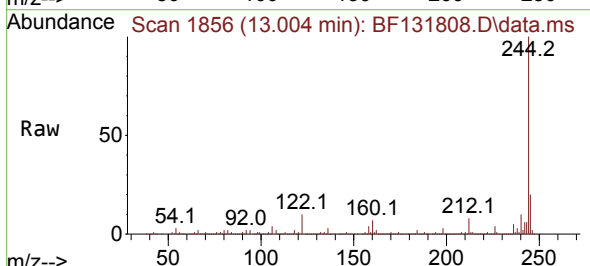
Tgt Ion:244 Resp: 1988875

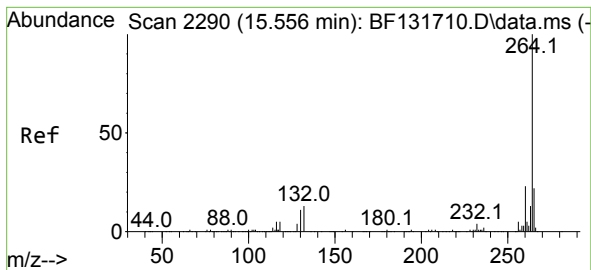
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

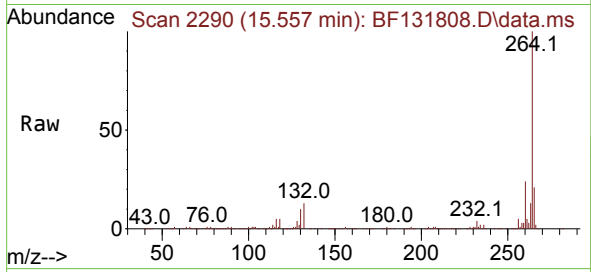
122 10.1 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131808.D
Acq: 23 Dec 2022 16:03

Instrument :
BNA_F
ClientSampleId :
PB149887BL



Tgt Ion:264 Resp: 266357
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.1 17.4 26.2

