

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131816.D
 Acq On : 23 Dec 2022 20:26
 Operator : CG\JU
 Sample : N6196-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3049

Quant Time: Dec 24 03:10:34 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)

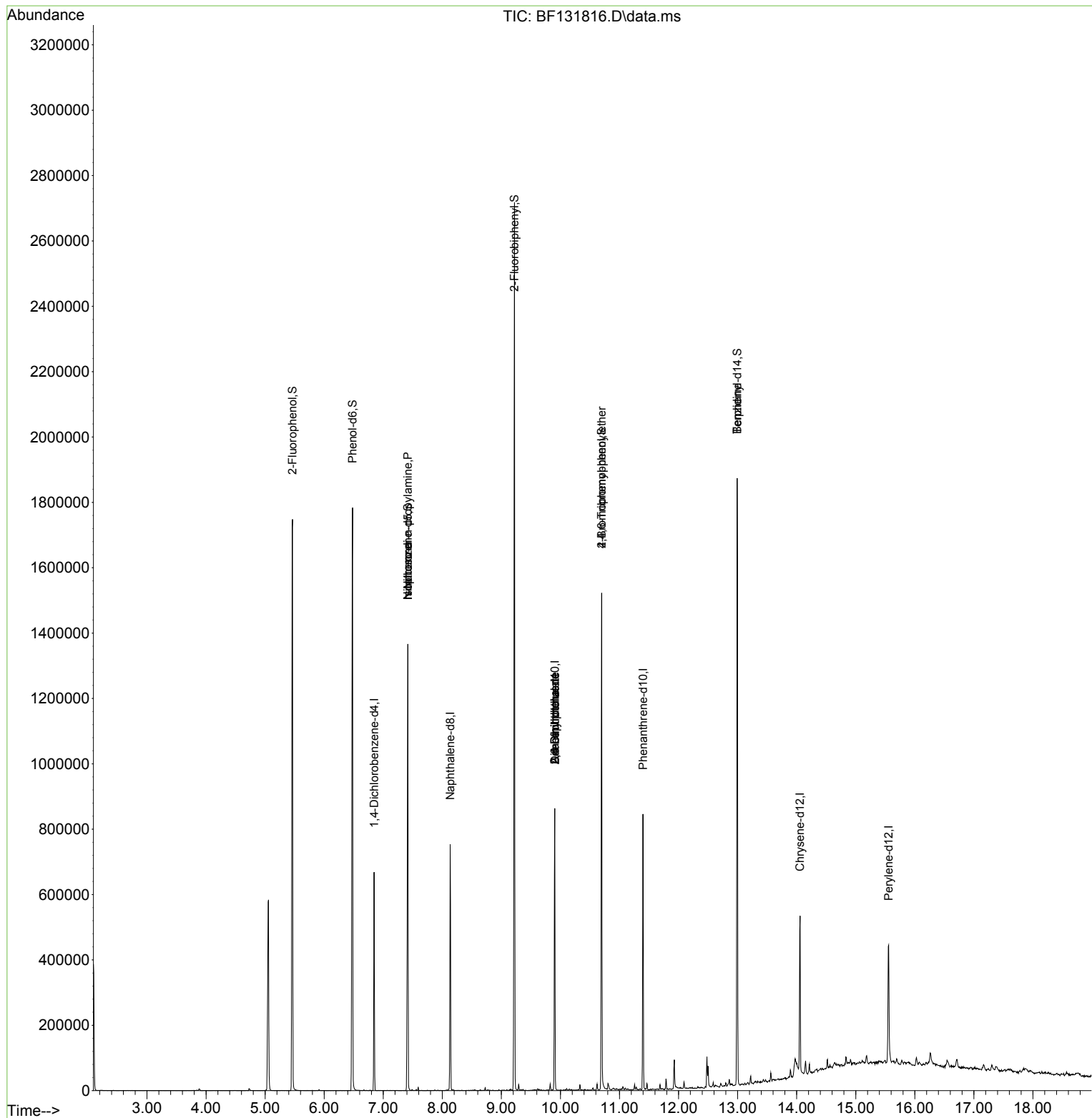
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	81723	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	294886	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	163510	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	275208	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	163286	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	177022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	467912	96.412	ng	0.00
7) Phenol-d6	6.481	99	614320	94.043	ng	0.00
23) Nitrobenzene-d5	7.416	82	436283	60.062	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	154393	86.269	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	758268	64.962	ng	0.00
79) Terphenyl-d14	12.992	244	626804	59.827	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1169	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.416	70	59963	12.728	ng	# 80
25) Isophorone	7.416	82	436279	35.366	ng	# 70
50) Dimethylphthalate	9.904	163	32362	2.630	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	21314	8.057	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	21314	5.996	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	10754	3.309	ng	# 1
77) Benzidine	12.992	184	10277	3.432	ng	# 91

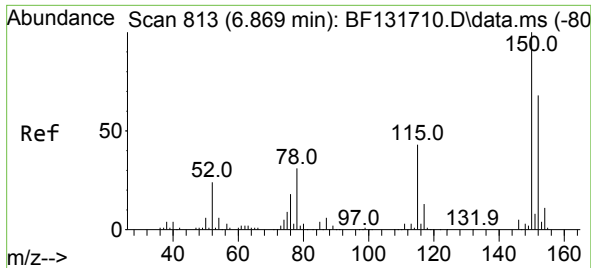
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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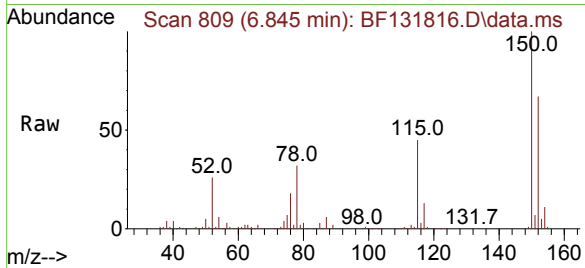
Quant Time: Dec 24 03:10:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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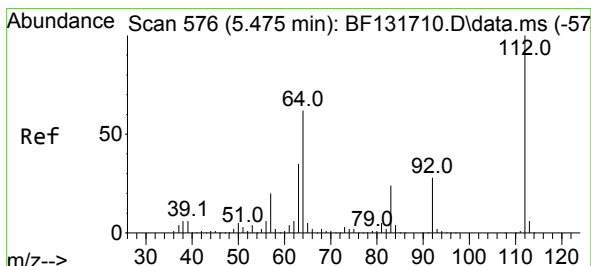
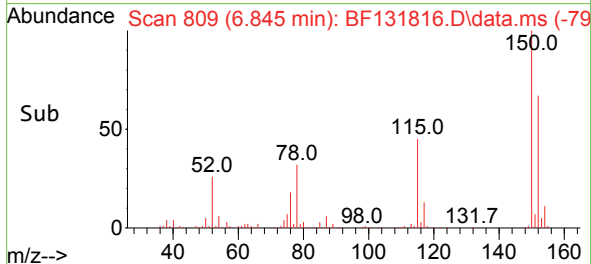
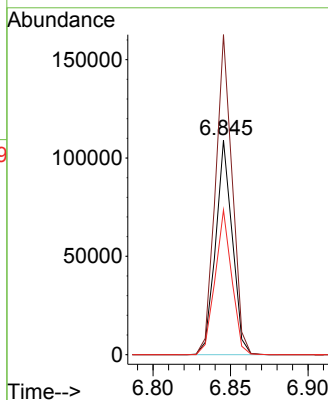


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131816.D
Acq: 23 Dec 2022 20:26

Instrument :
BNA_F
ClientSampleId :
COMP-3049

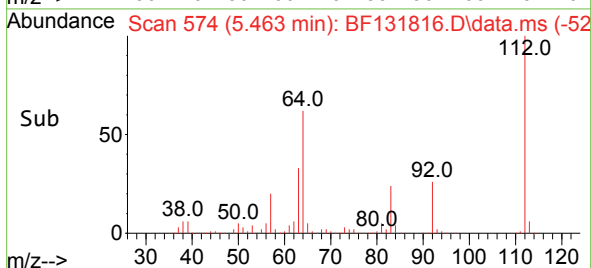
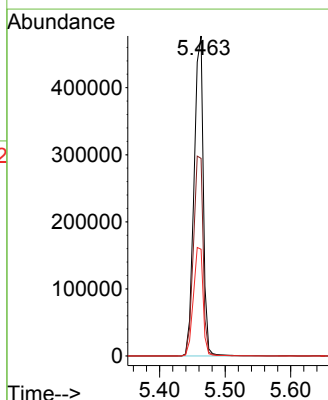
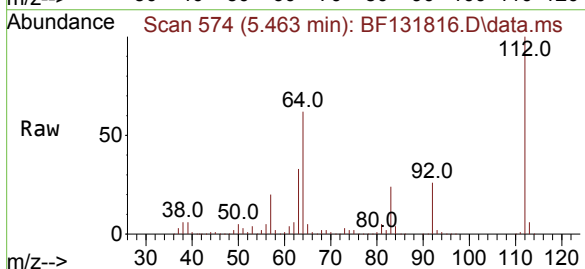


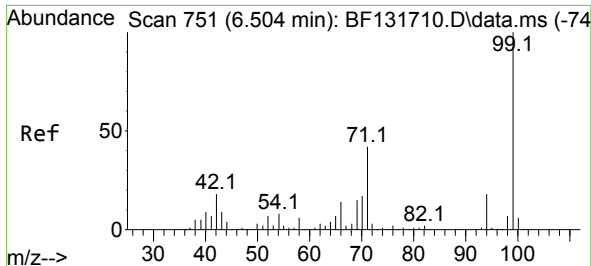
Tgt Ion:152 Resp: 81723
Ion Ratio Lower Upper
152 100
150 149.1 117.4 176.0
115 67.4 50.2 75.4



#5
2-Fluorophenol
Concen: 96.412 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131816.D
Acq: 23 Dec 2022 20:26

Tgt Ion:112 Resp: 467912
Ion Ratio Lower Upper
112 100
64 61.7 49.5 74.3
63 33.4 28.2 42.2





#7

Phenol-d6

Concen: 94.043 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

Instrument :

BNA_F

ClientSampleId :

COMP-3049

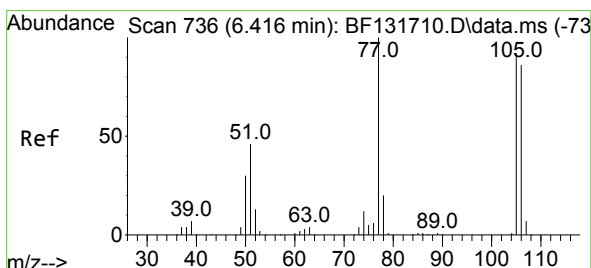
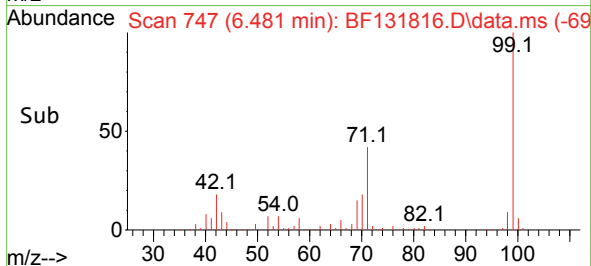
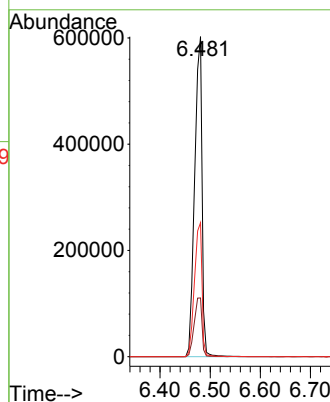
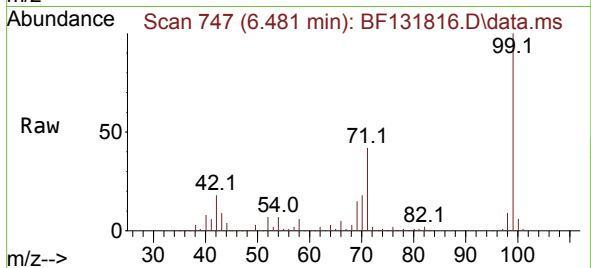
Tgt Ion: 99 Resp: 614320

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 41.9 33.8 50.6



#9

Benzaldehyde

Concen: Below Cal

RT: 6.475 min Scan# 746

Delta R.T. 0.071 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

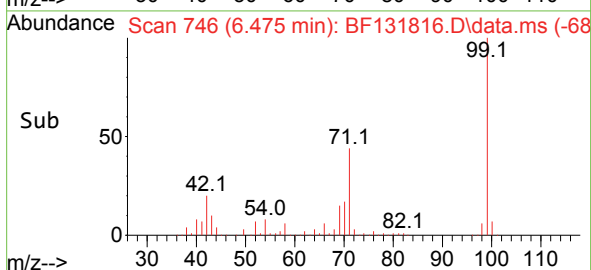
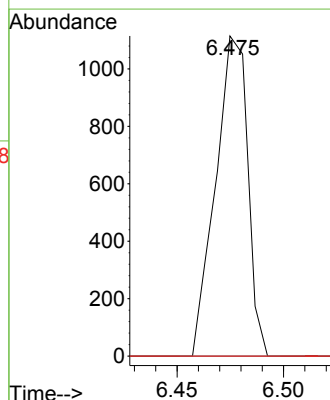
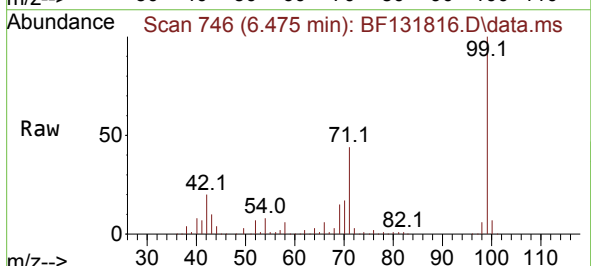
Tgt Ion: 77 Resp: 1169

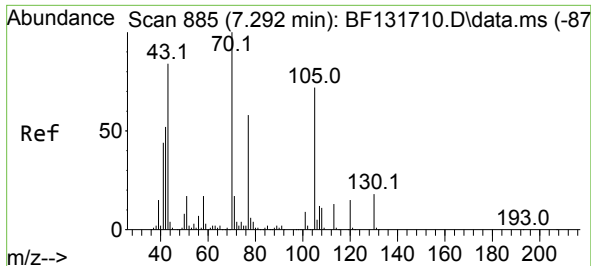
Ion Ratio Lower Upper

77 100

105 0.0 72.4 112.4#

106 0.0 66.5 106.5#





#19

n-Nitroso-di-n-propylamine

Concen: 12.728 ng

RT: 7.416 min Scan# 90

Delta R.T. 0.141 min

Lab File: BF131816.D

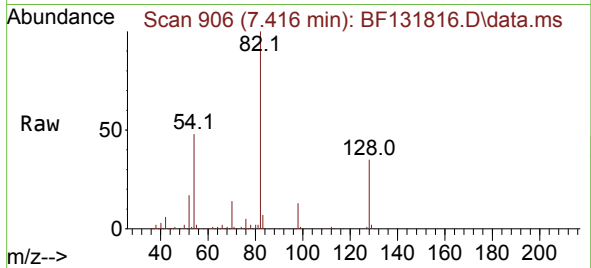
Acq: 23 Dec 2022 20:26

Instrument :

BNA_F

ClientSampleId :

COMP-3049



Tgt Ion: 70 Resp: 59963

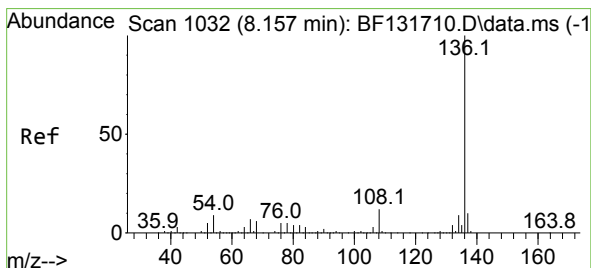
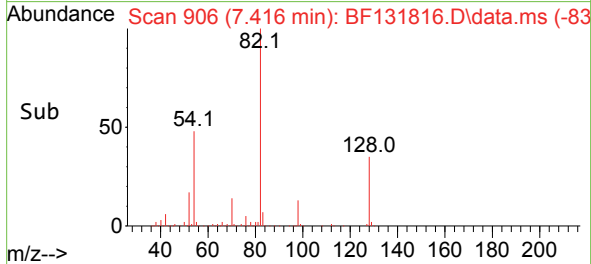
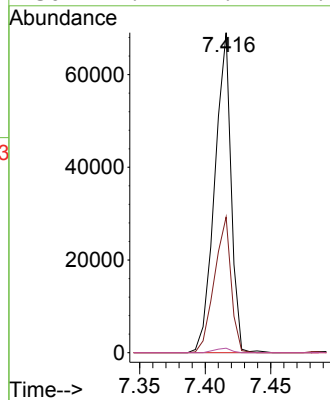
Ion Ratio Lower Upper

70 100

42 42.4 41.5 62.3

101 0.0 7.3 10.9#

130 1.4 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

Tgt Ion: 136 Resp: 294886

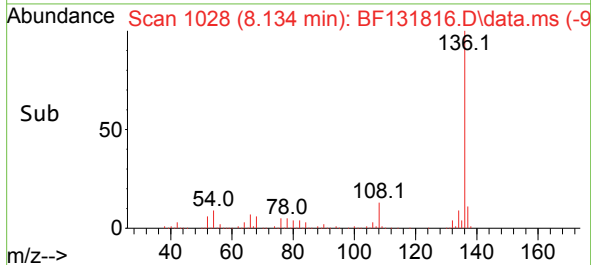
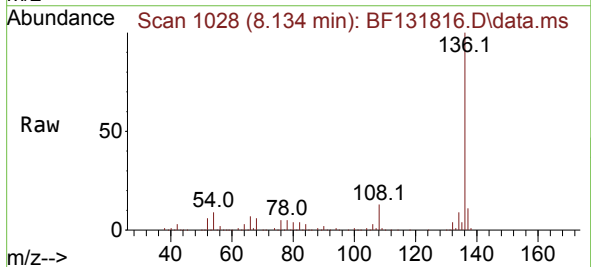
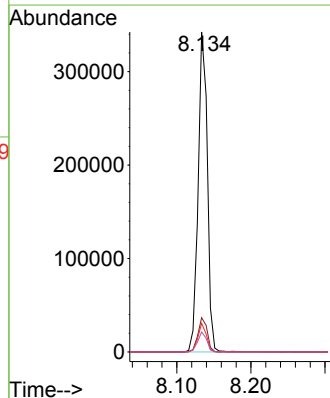
Ion Ratio Lower Upper

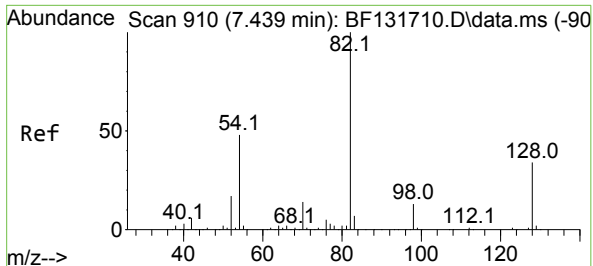
136 100

137 10.7 8.4 12.6

54 8.9 7.2 10.8

68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 60.062 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

Instrument :

BNA_F

ClientSampleId :

COMP-3049

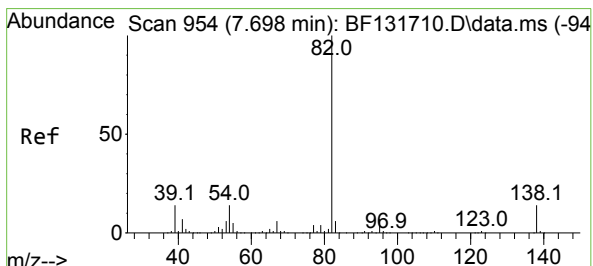
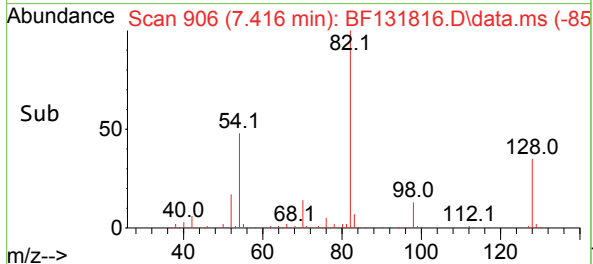
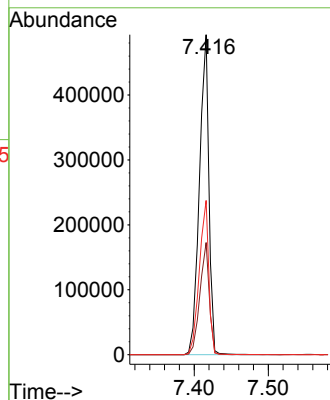
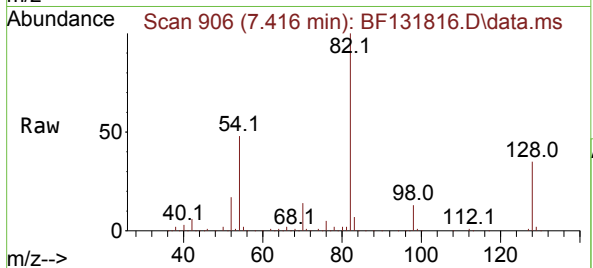
Tgt Ion: 82 Resp: 436283

Ion Ratio Lower Upper

82 100

128 35.0 27.3 40.9

54 48.2 38.2 57.2



#25

Isophorone

Concen: 35.366 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.270 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

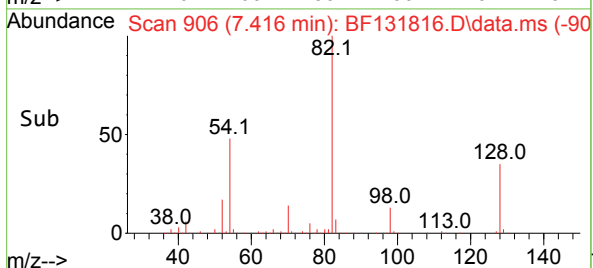
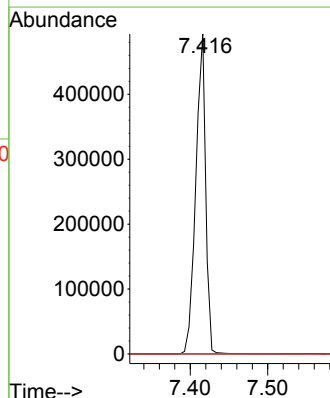
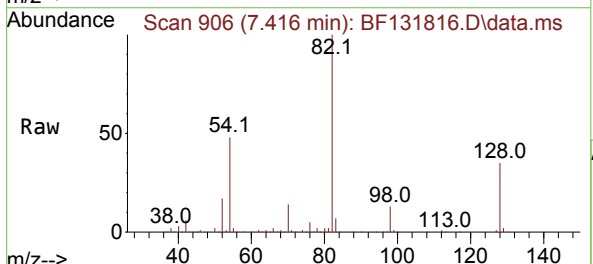
Tgt Ion: 82 Resp: 436279

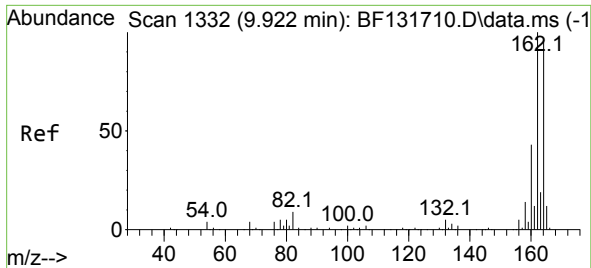
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

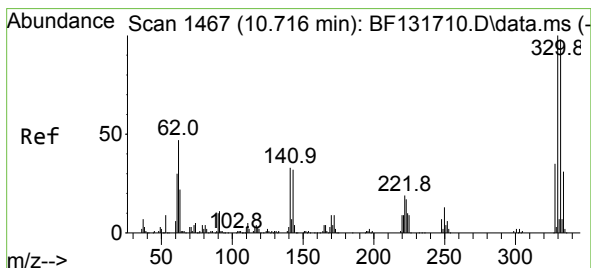
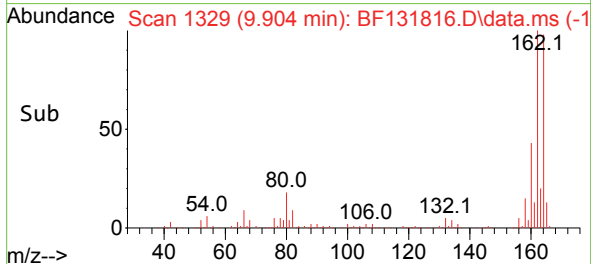
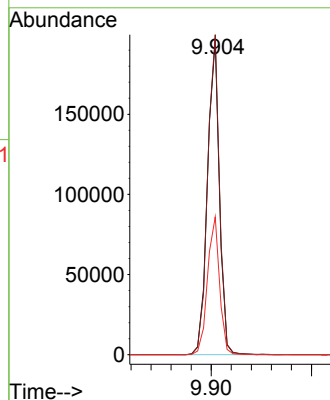
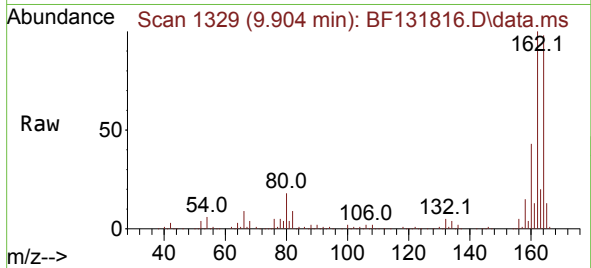




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131816.D
 Acq: 23 Dec 2022 20:26

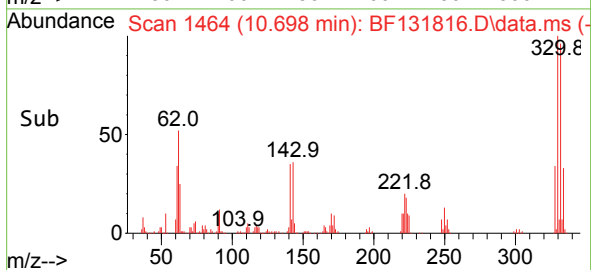
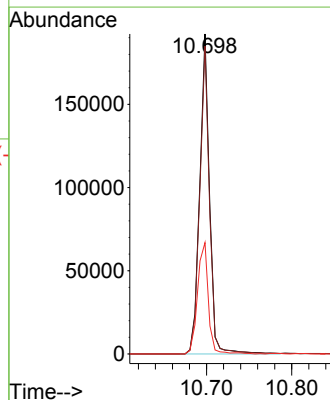
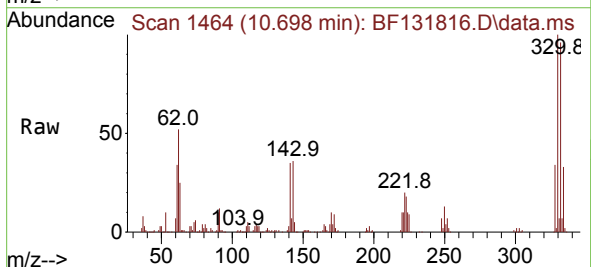
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 COMP-3049

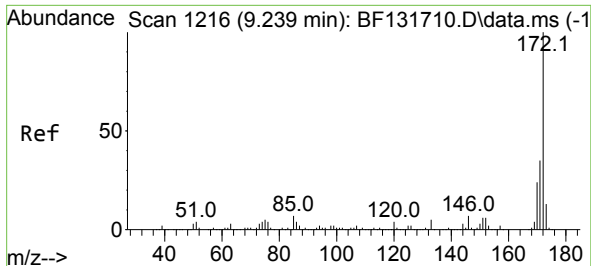
Tgt Ion:164 Resp: 163510
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.7 125.5
 160 43.8 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 86.269 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.012 min
 Lab File: BF131816.D
 Acq: 23 Dec 2022 20:26

Tgt Ion:330 Resp: 154393
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 38.2 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 64.962 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

Instrument :

BNA_F

ClientSampleId :

COMP-3049

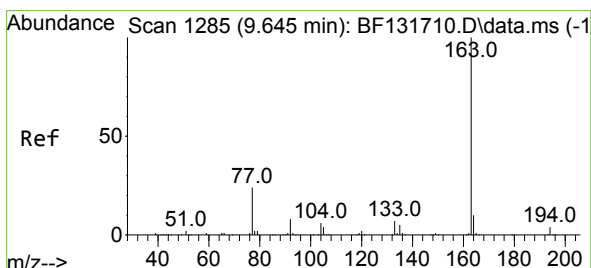
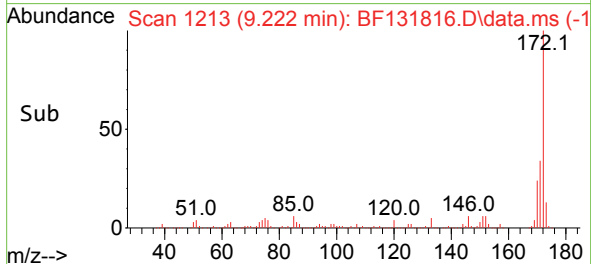
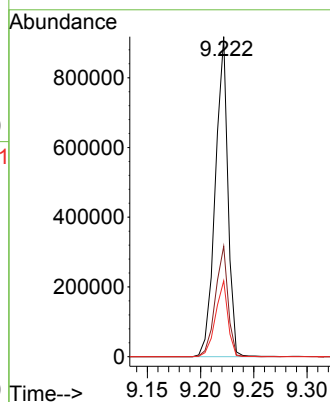
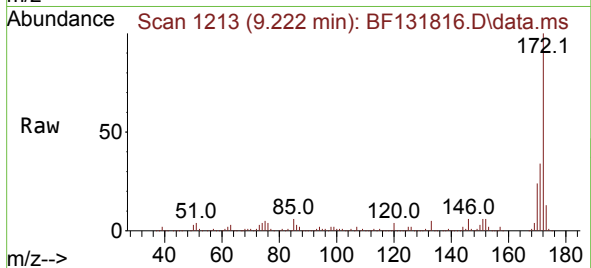
Tgt Ion:172 Resp: 758268

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.7 19.0 28.4



#50

Dimethylphthalate

Concen: 2.630 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.265 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

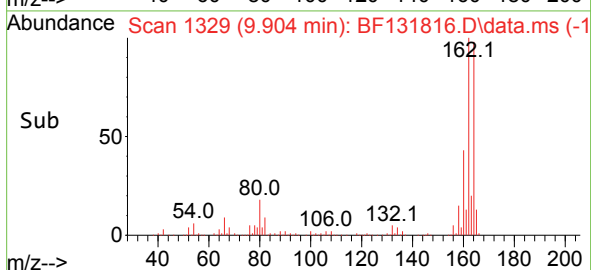
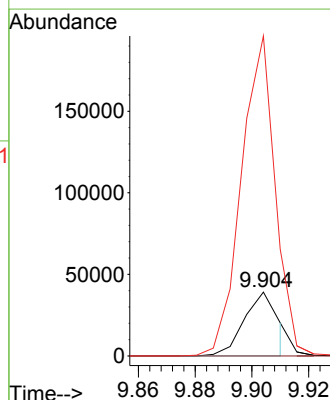
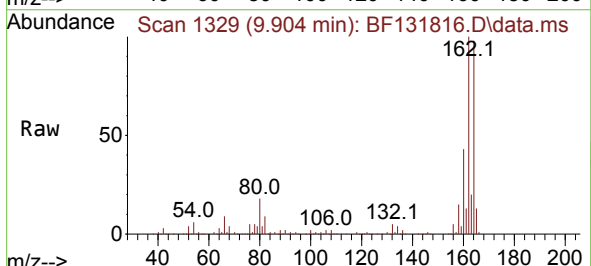
Tgt Ion:163 Resp: 32362

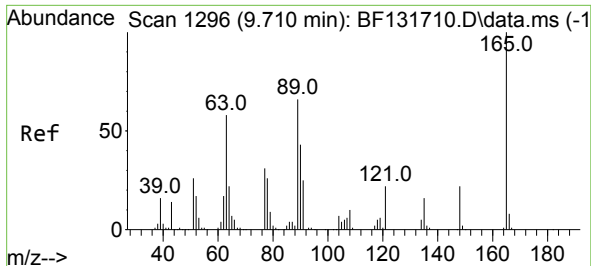
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 501.7 8.2 12.4#

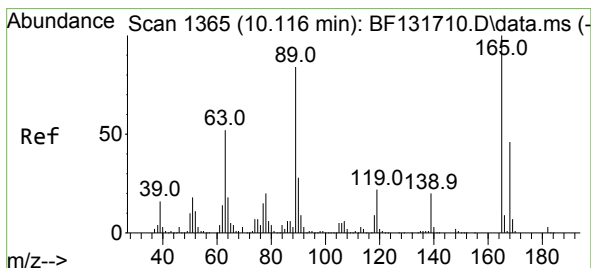
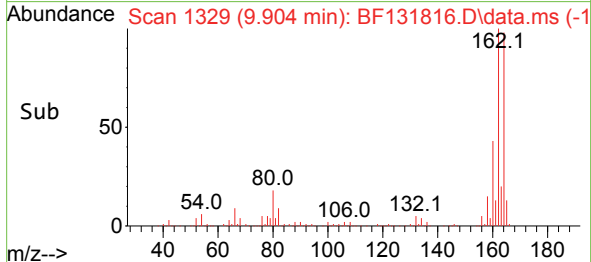
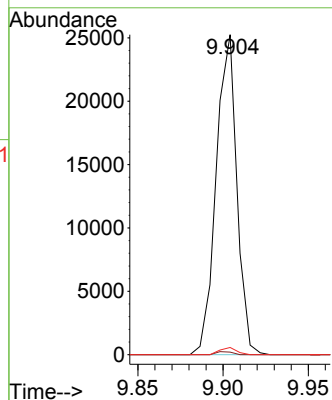
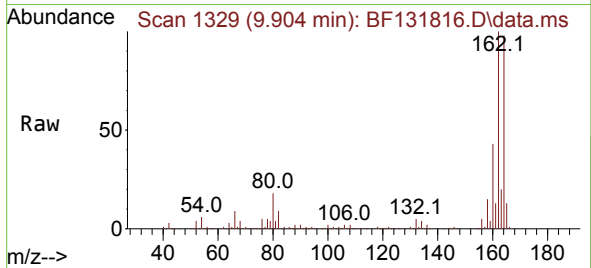




#51
2,6-Dinitrotoluene
Concen: 8.057 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131816.D
Acq: 23 Dec 2022 20:26

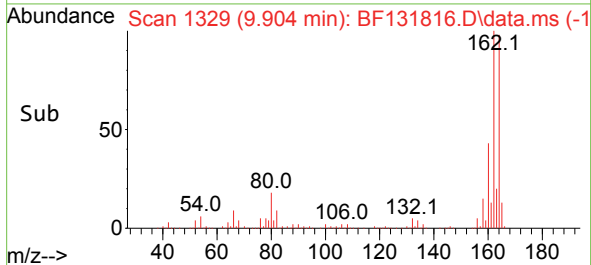
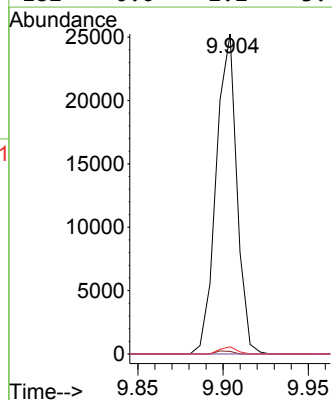
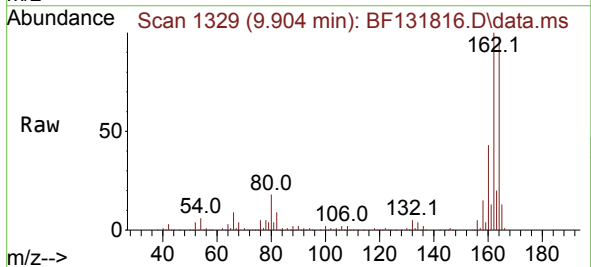
Instrument :
BNA_F
ClientSampleId :
COMP-3049

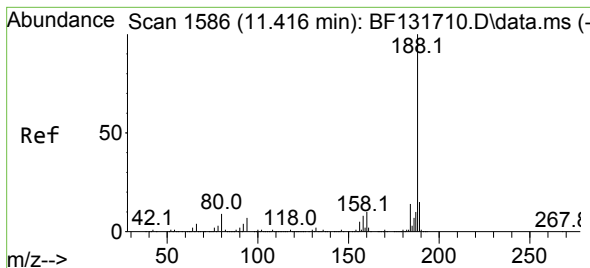
Tgt Ion:165 Resp: 21314
Ion Ratio Lower Upper
165 100
63 0.8 51.8 77.8#
89 2.2 53.2 79.8#



#57
2,4-Dinitrotoluene
Concen: 5.996 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.206 min
Lab File: BF131816.D
Acq: 23 Dec 2022 20:26

Tgt Ion:165 Resp: 21314
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 2.2 67.0 100.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

Instrument :

BNA_F

ClientSampleId :

COMP-3049

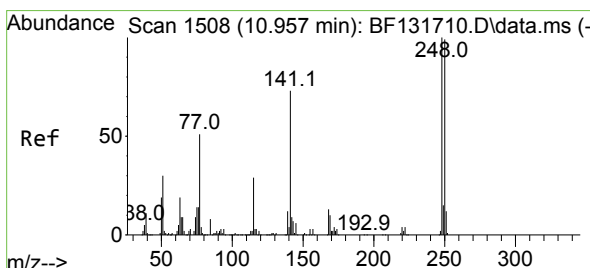
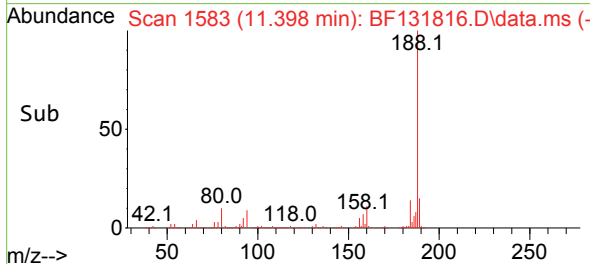
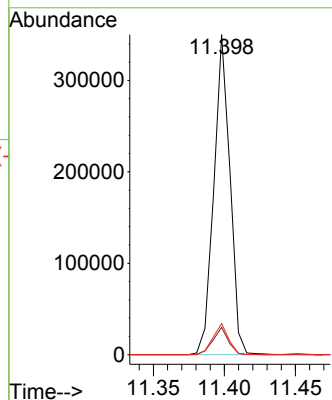
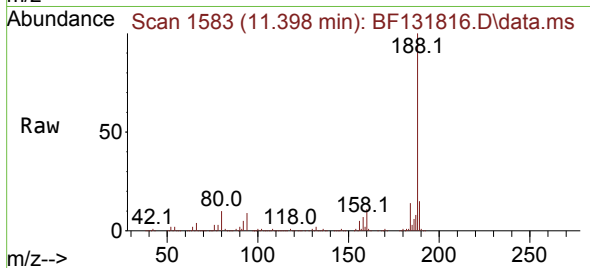
Tgt Ion:188 Resp: 275208

Ion Ratio Lower Upper

188 100

94 8.6 5.9 8.9

80 9.8 7.0 10.6



#67

4-Bromophenyl-phenylether

Concen: 3.309 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.253 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

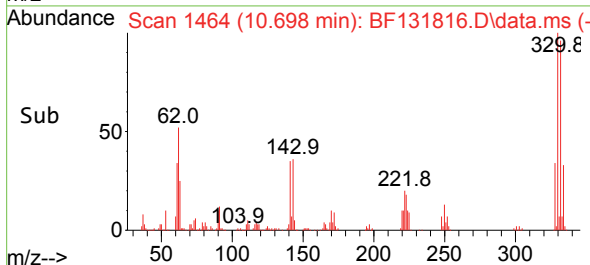
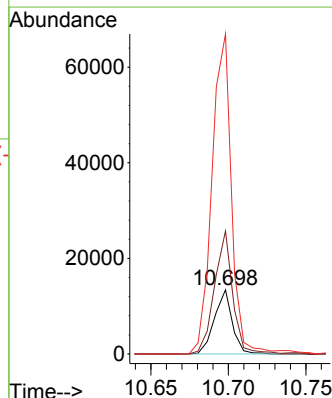
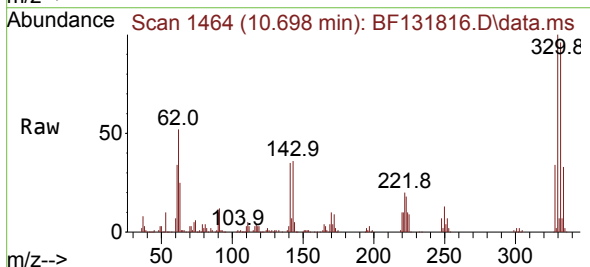
Tgt Ion:248 Resp: 10754

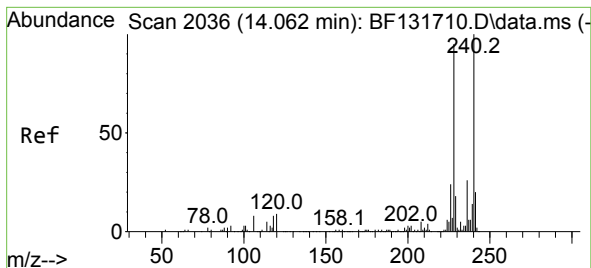
Ion Ratio Lower Upper

248 100

250 191.5 79.4 119.0#

141 498.2 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: BF131816.D

Acq: 23 Dec 2022 20:26

Instrument :

BNA_F

ClientSampleId :

COMP-3049

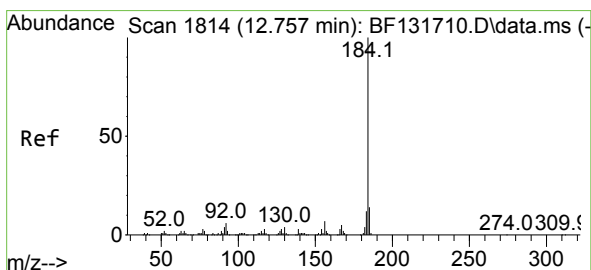
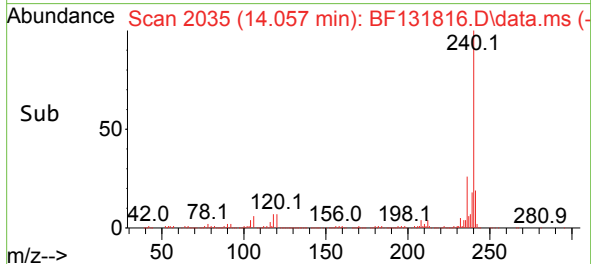
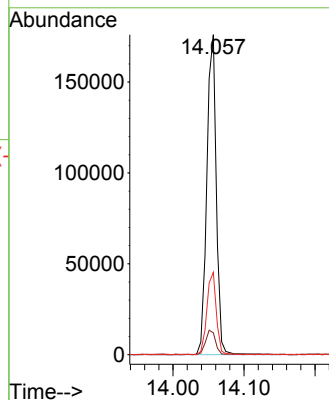
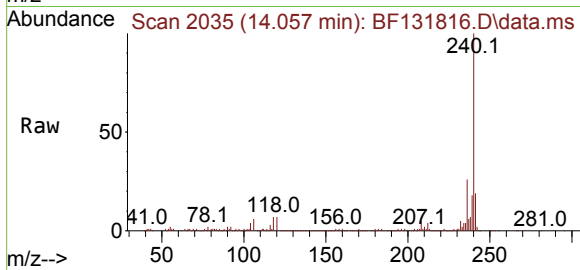
Tgt Ion:240 Resp: 163286

Ion Ratio Lower Upper

240 100

120 6.9 7.6 11.4#

236 25.7 21.2 31.8



#77

Benzidine

Concen: 3.432 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.241 min

Lab File: BF131816.D

Acq: 23 Dec 2022 20:26

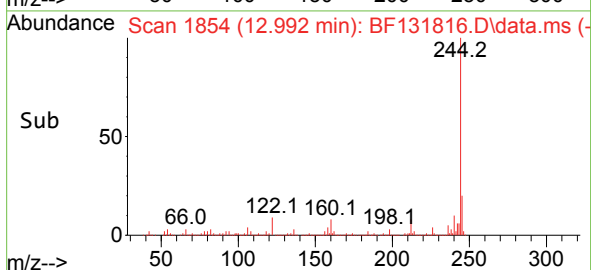
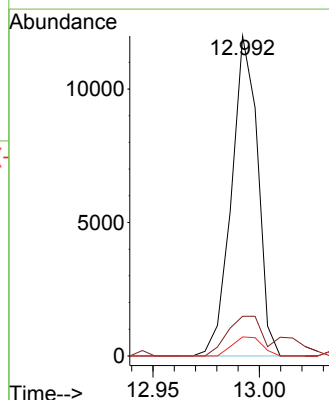
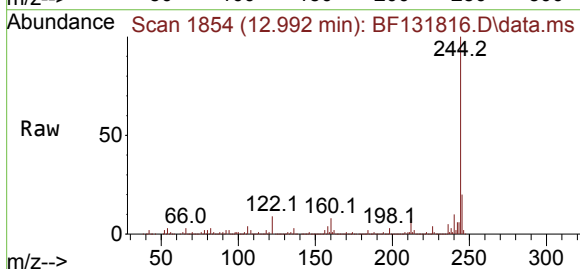
Tgt Ion:184 Resp: 10277

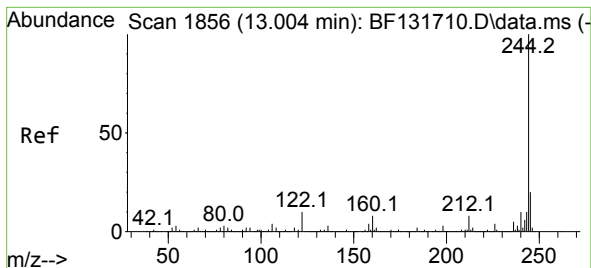
Ion Ratio Lower Upper

184 100

185 12.4 11.3 16.9

183 6.0 9.3 13.9#





#79

Terphenyl-d14

Concen: 59.827 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.012 min

Lab File: BF131816.D

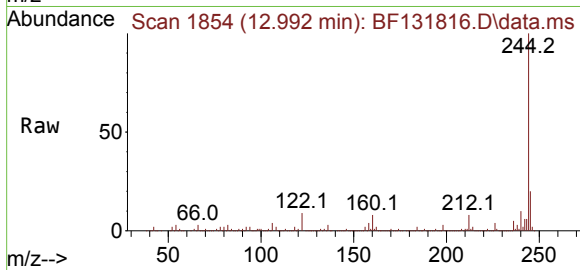
Acq: 23 Dec 2022 20:26

Instrument :

BNA_F

ClientSampleId :

COMP-3049



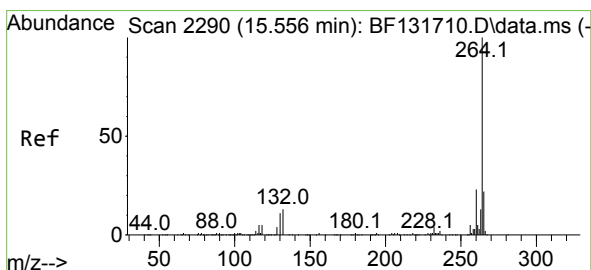
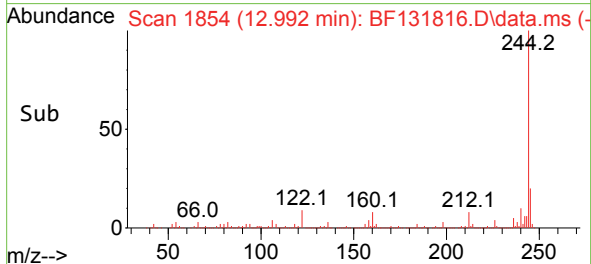
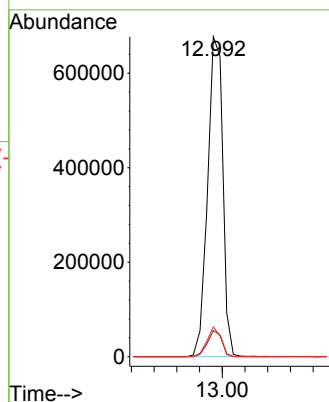
Tgt Ion:244 Resp: 626804

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.3 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: BF131816.D

Acq: 23 Dec 2022 20:26

Tgt Ion:264 Resp: 177022

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 20.5 17.4 26.2

