

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130059.D
 Acq On : 31 Aug 2022 19:29
 Operator : CG\JU
 Sample : PB147311TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147311TB

Quant Time: Sep 01 03:29:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

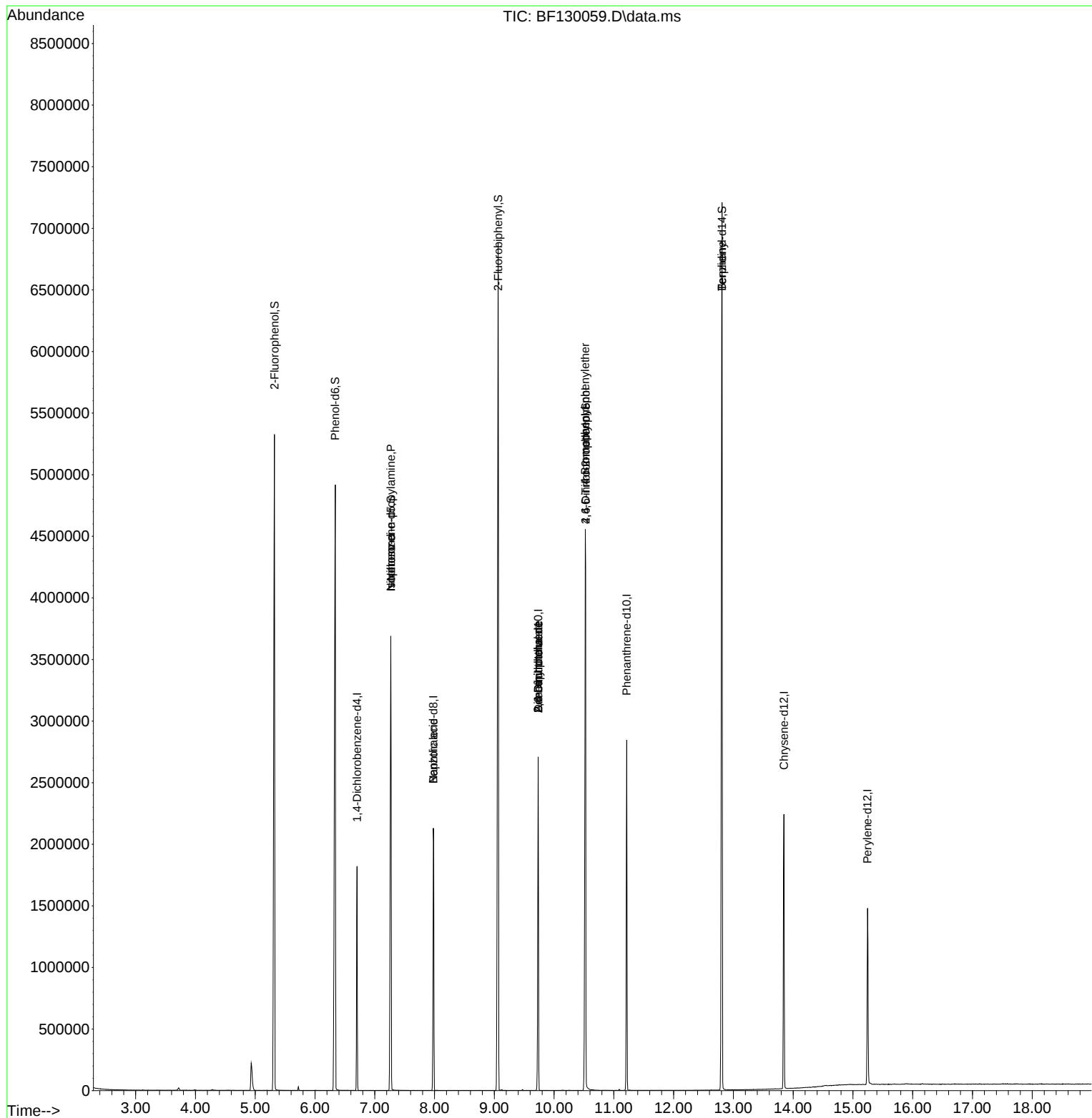
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	256735	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	1055646	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	564907	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	965674	20.000	ng	0.00
76) Chrysene-d12	13.845	240	703183	20.000	ng	-0.01
86) Perylene-d12	15.245	264	564403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1899474	125.602	ng	0.01
7) Phenol-d6	6.340	99	2367201	125.555	ng	0.00
23) Nitrobenzene-d5	7.269	82	1458103	88.767	ng	-0.01
42) 2,4,6-Tribromophenol	10.528	330	691229	134.422	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2643169	77.575	ng	0.00
79) Terphenyl-d14	12.810	244	2915767	71.906	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	187402	16.499	ng	# 76
25) Isophorone	7.269	82	1456747	43.816	ng	# 65
32) Benzoic acid	7.981	122	204	6.588	ng	# 1
50) Dimethylphthalate	9.733	163	107152	2.785	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	71358	9.512	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	71358	8.262	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.528	198	1506	6.370	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	40960	3.813	ng	# 1
77) Benzidine	12.810	184	39358	2.073	ng	# 93

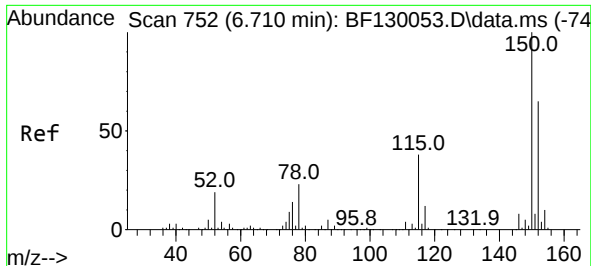
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
Data File : BF130059.D
Acq On : 31 Aug 2022 19:29
Operator : CG\JU
Sample : PB147311TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB147311TB

Quant Time: Sep 01 03:29:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

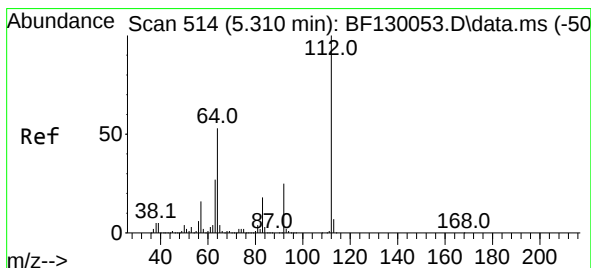
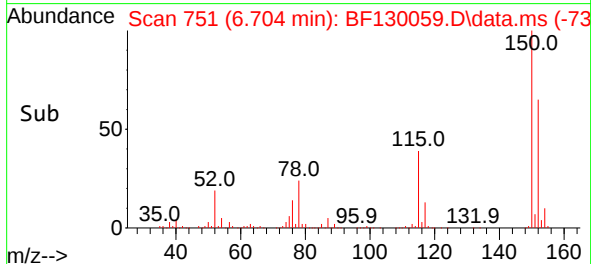
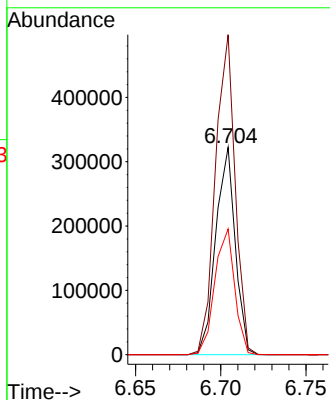
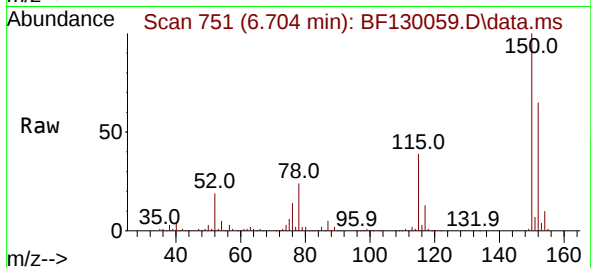




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

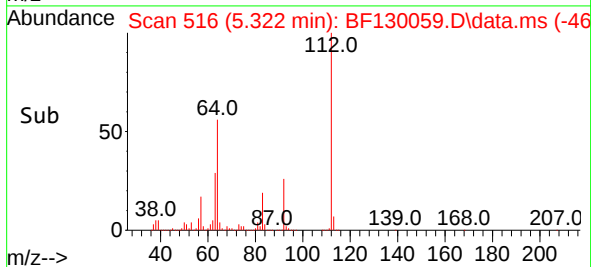
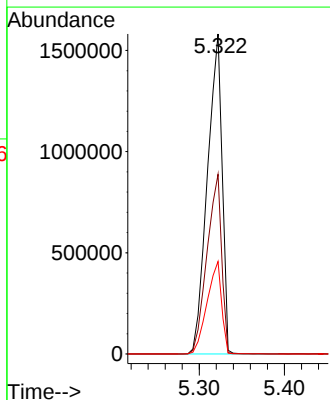
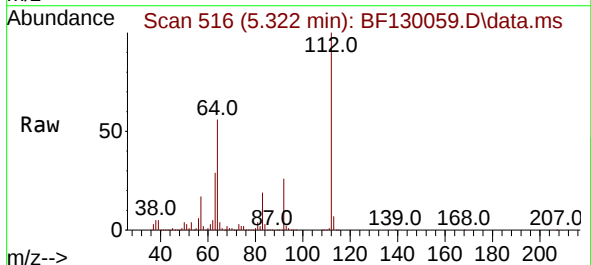
Instrument :
BNA_F
ClientSampleId :
PB147311TB

Tgt Ion:152 Resp: 256735
Ion Ratio Lower Upper
152 100
150 154.4 126.9 190.3
115 60.7 53.4 80.0



#5
2-Fluorophenol
Concen: 125.602 ng
RT: 5.322 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Tgt Ion:112 Resp: 1899474
Ion Ratio Lower Upper
112 100
64 56.1 47.6 71.4
63 28.9 24.6 37.0

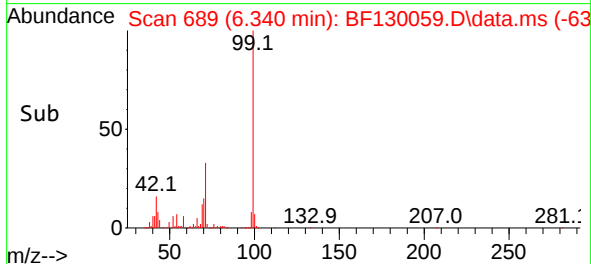
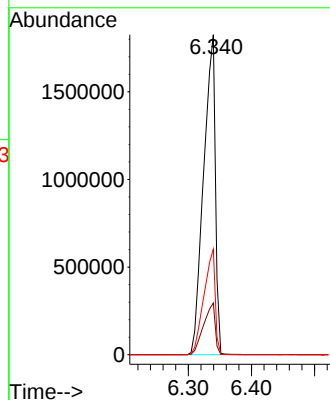
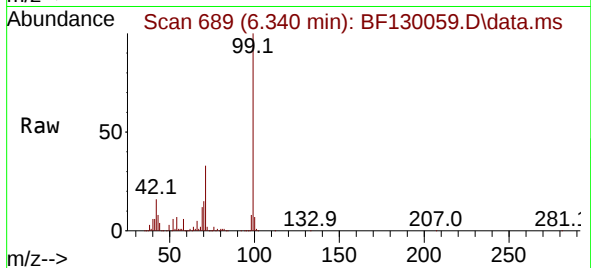




#7
Phenol-d6
Concen: 125.555 ng
RT: 6.340 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

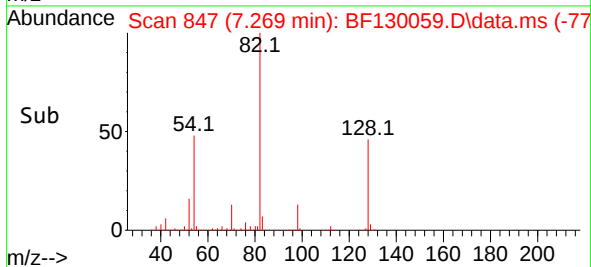
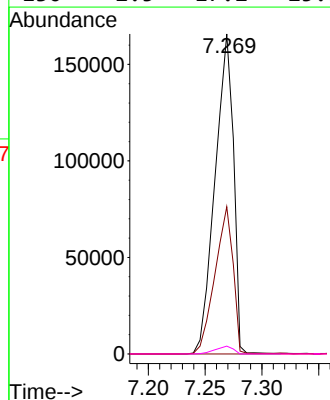
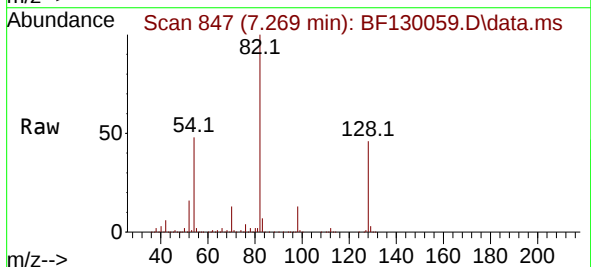
Instrument :
BNA_F
ClientSampleId :
PB147311TB

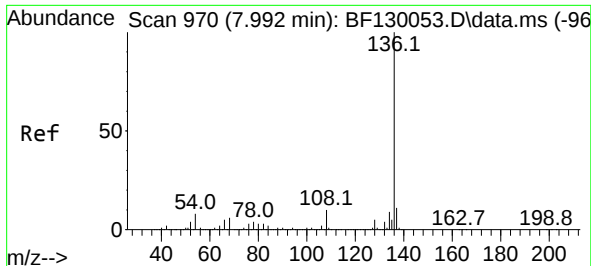
Tgt Ion: 99 Resp: 2367201
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.4
71 32.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.499 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Tgt Ion: 70 Resp: 187402
Ion Ratio Lower Upper
70 100
42 46.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

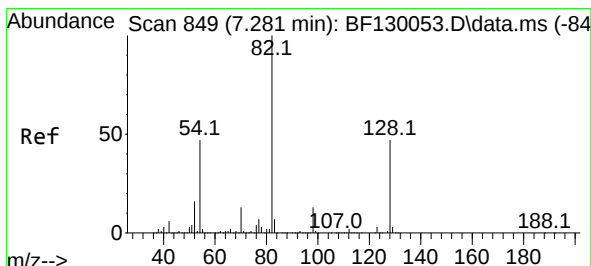
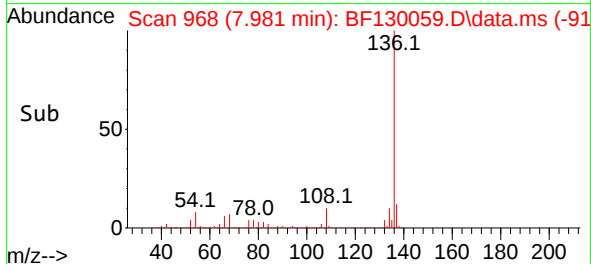
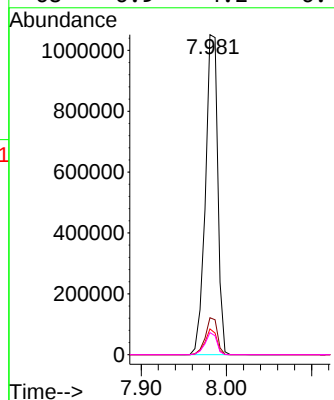
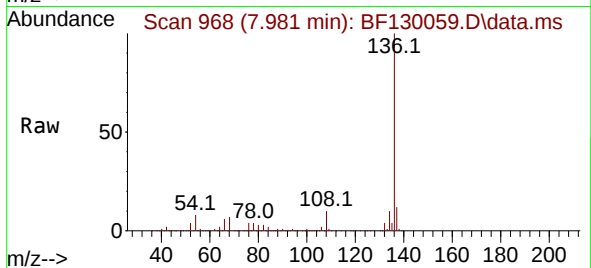




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

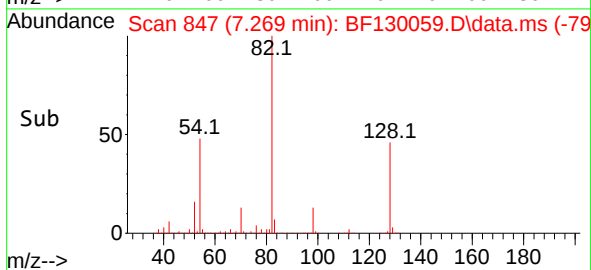
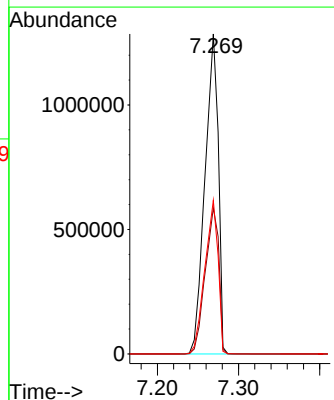
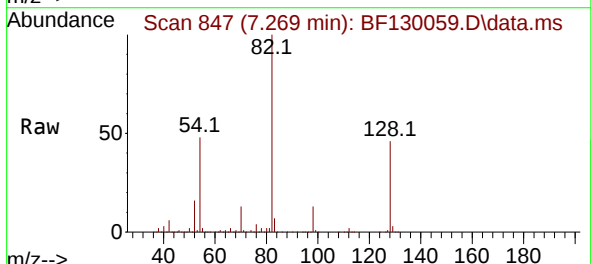
Instrument :
BNA_F
ClientSampleId :
PB147311TB

Tgt Ion:136 Resp: 1055646
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 8.1 6.2 9.2
68 6.9 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 88.767 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Tgt Ion: 82 Resp: 1458103
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 48.0 40.0 60.0

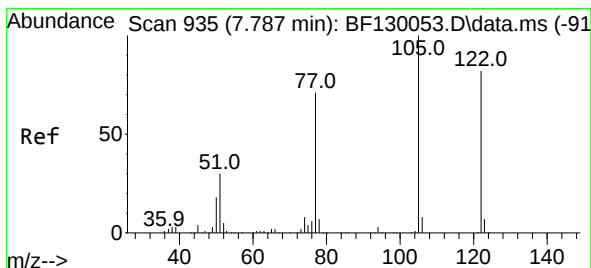
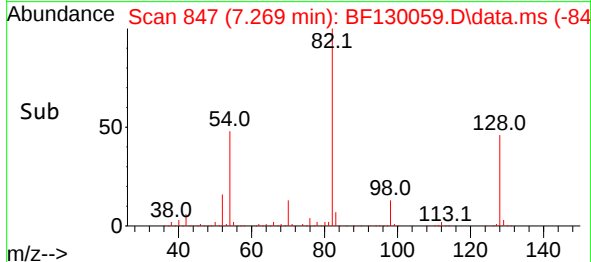
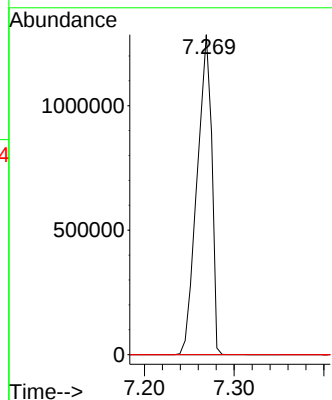
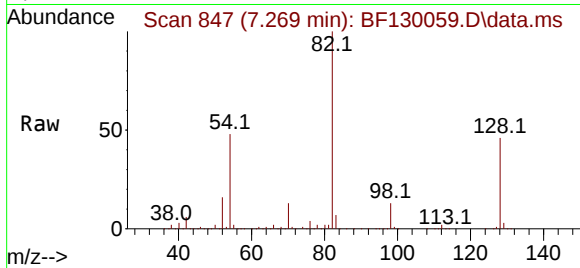




#25
Isophorone
Concen: 43.816 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

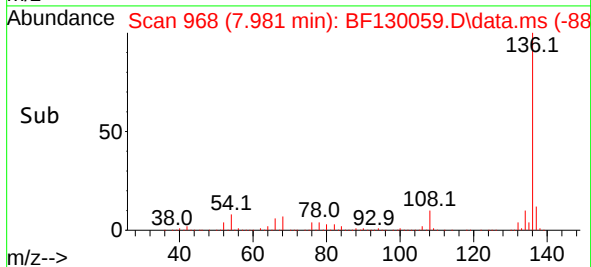
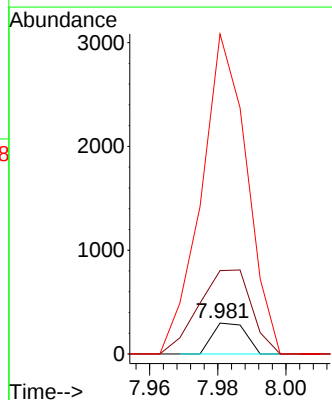
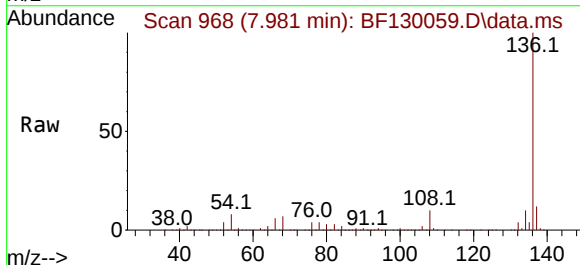
Instrument :
BNA_F
ClientSampleId :
PB147311TB

Tgt Ion: 82 Resp: 1456747
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.588 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.194 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Tgt Ion: 122 Resp: 204
Ion Ratio Lower Upper
122 100
105 269.8 99.9 139.9#
77 1034.6 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

Instrument :

BNA_F

ClientSampleId :

PB147311TB

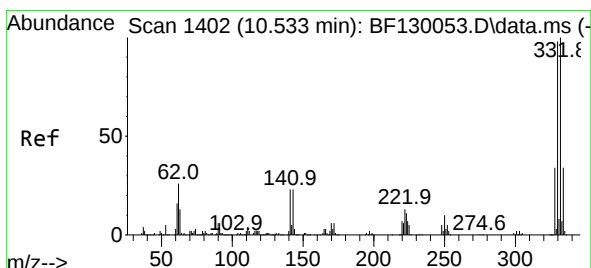
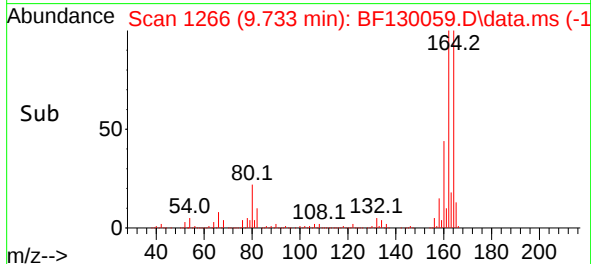
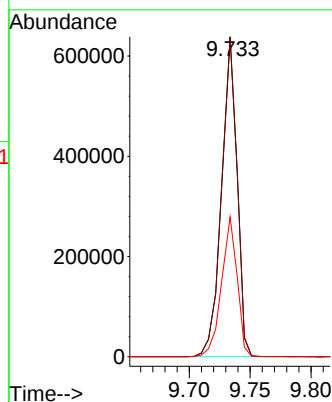
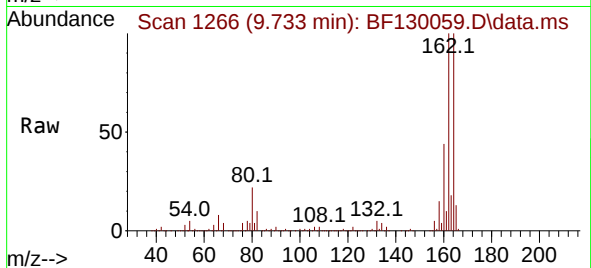
Tgt Ion:164 Resp: 564907

Ion Ratio Lower Upper

164 100

162 100.3 82.0 123.0

160 43.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 134.422 ng

RT: 10.528 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

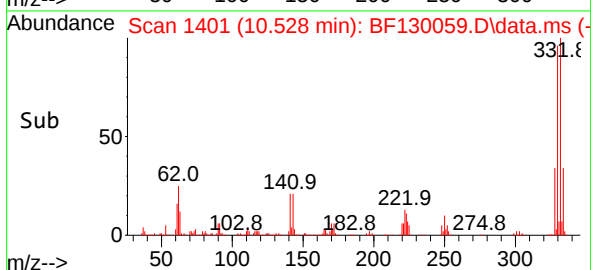
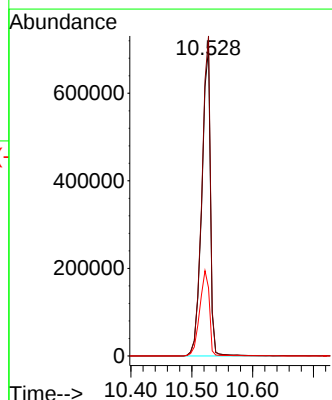
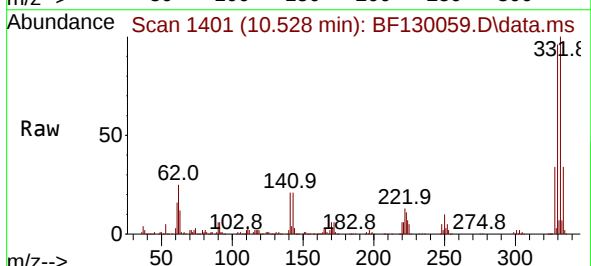
Tgt Ion:330 Resp: 691229

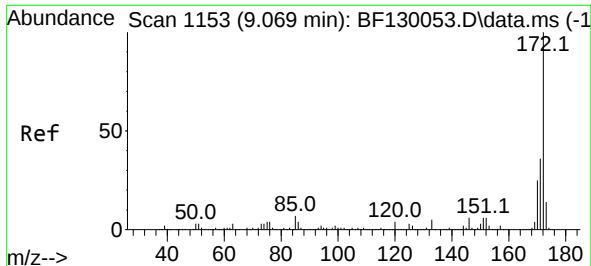
Ion Ratio Lower Upper

330 100

332 103.3 82.6 124.0

141 31.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 77.575 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

Instrument :

BNA_F

ClientSampleId :

PB147311TB

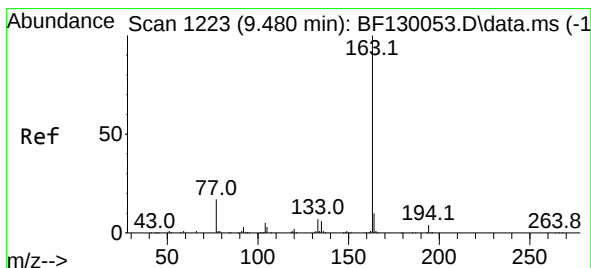
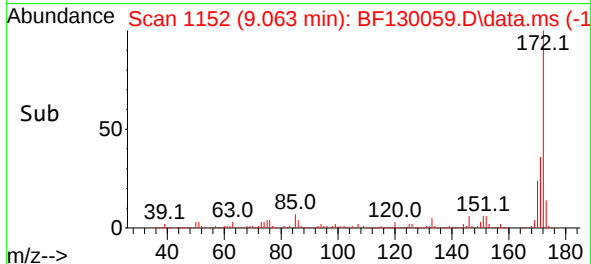
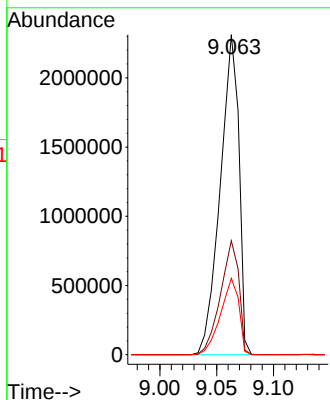
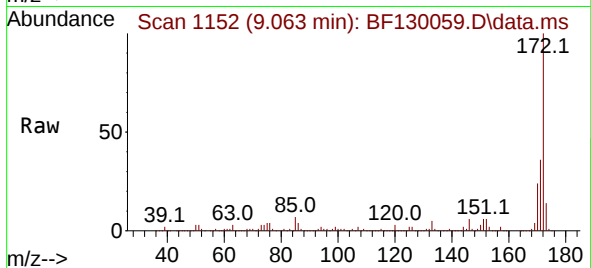
Tgt Ion:172 Resp: 2643169

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.1 28.7



#50

Dimethylphthalate

Concen: 2.785 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

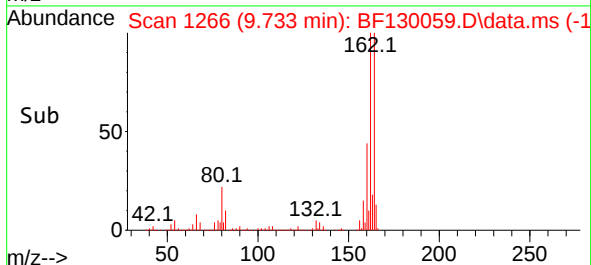
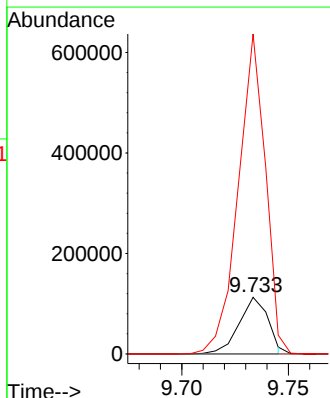
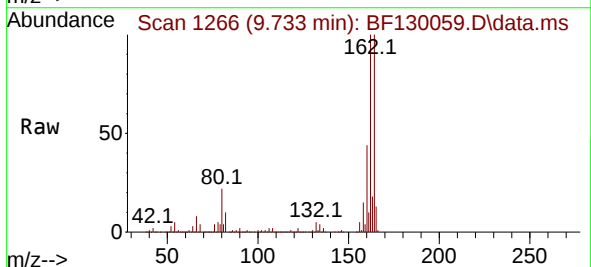
Tgt Ion:163 Resp: 107152

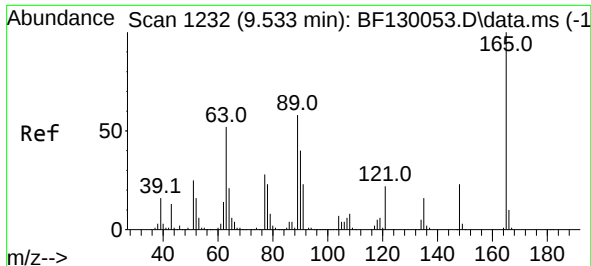
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 564.1 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.512 ng

RT: 9.733 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

Instrument :

BNA_F

ClientSampleId :

PB147311TB

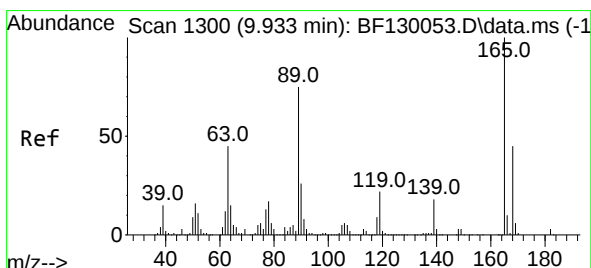
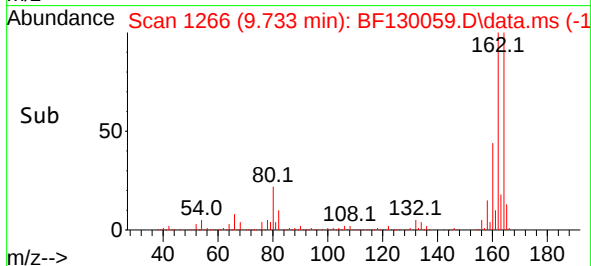
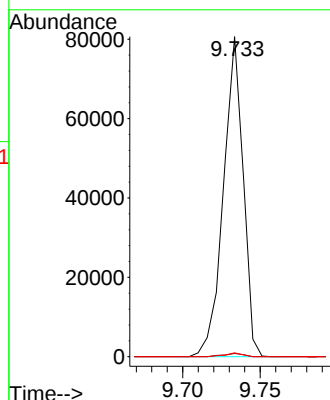
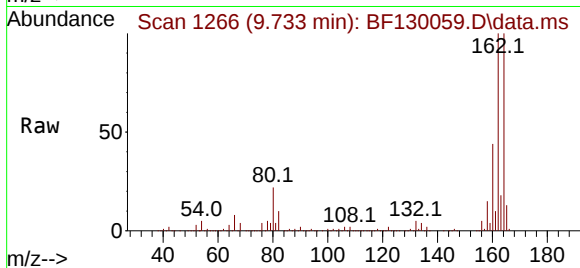
Tgt Ion:165 Resp: 71358

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.262 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

Tgt Ion:165 Resp: 71358

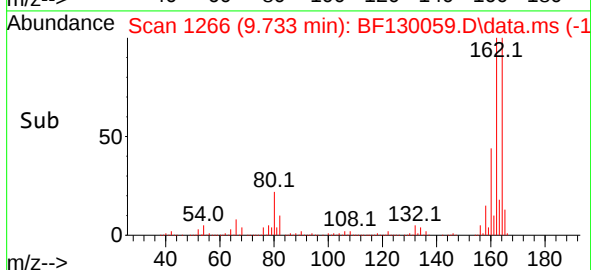
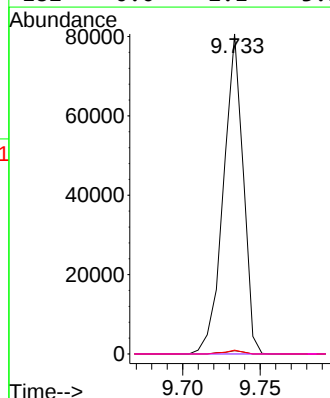
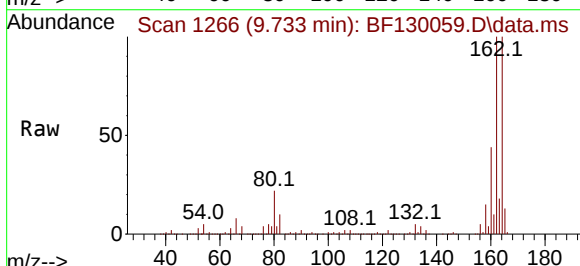
Ion Ratio Lower Upper

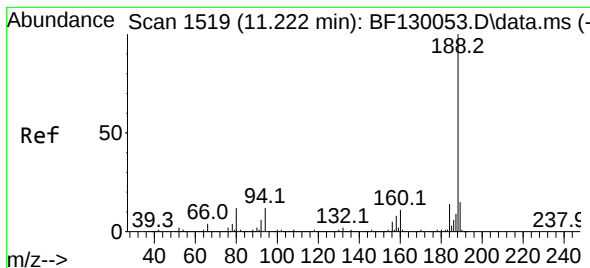
165 100

63 1.0 48.4 72.6#

89 1.2 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

Instrument :

BNA_F

ClientSampleId :

PB147311TB

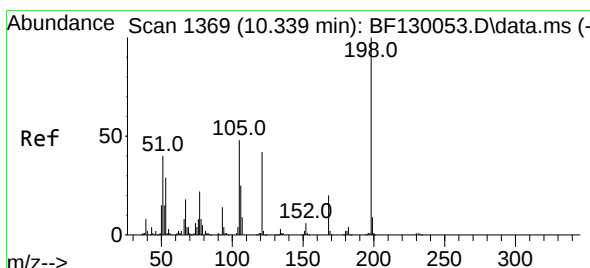
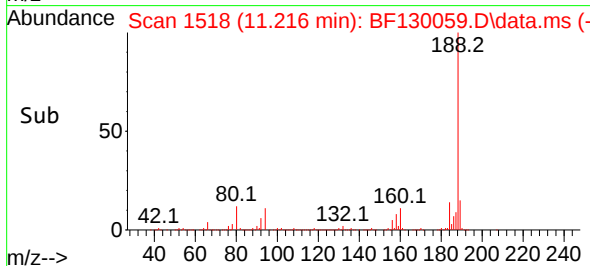
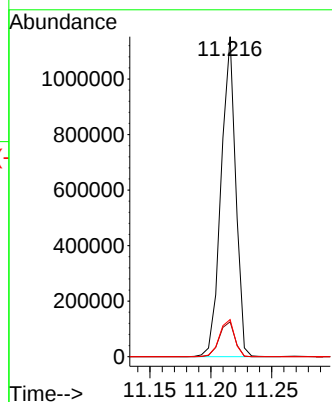
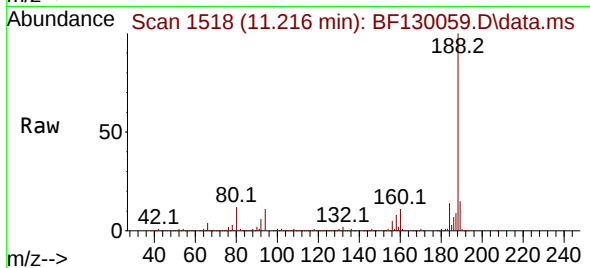
Tgt Ion:188 Resp: 965674

Ion Ratio Lower Upper

188 100

94 10.9 7.4 11.2

80 11.6 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.370 ng

RT: 10.528 min Scan# 1401

Delta R.T. 0.189 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

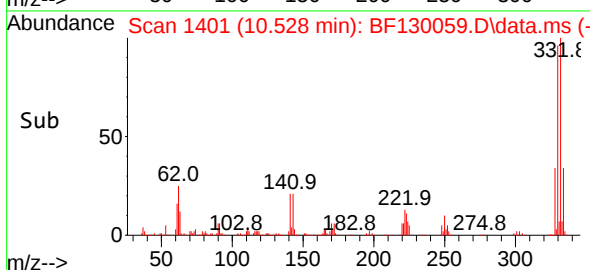
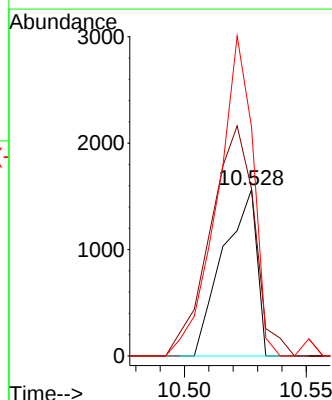
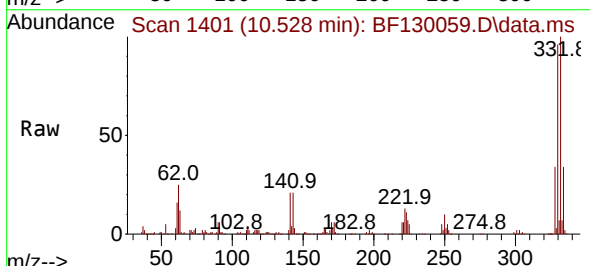
Tgt Ion:198 Resp: 1506

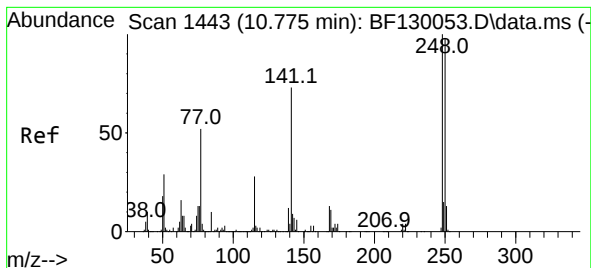
Ion Ratio Lower Upper

198 100

51 100.3 29.4 69.4#

105 137.3 29.2 69.2#

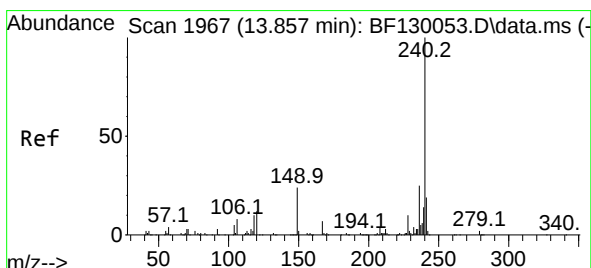
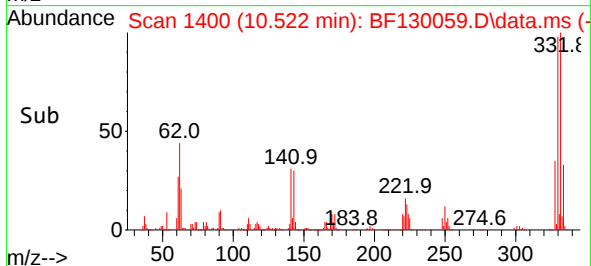
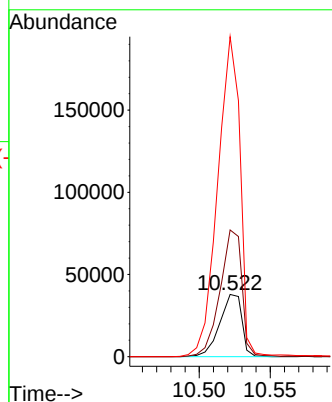
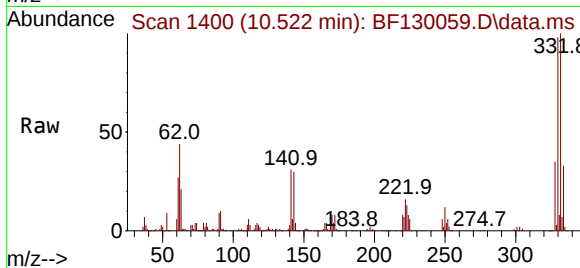




#67
4-Bromophenyl-phenylether
Concen: 3.813 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

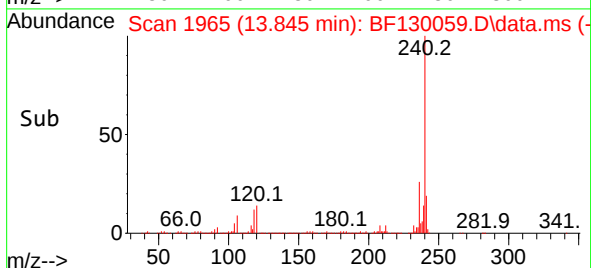
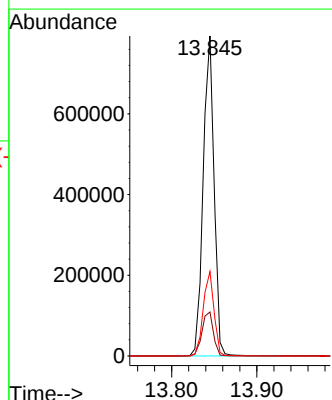
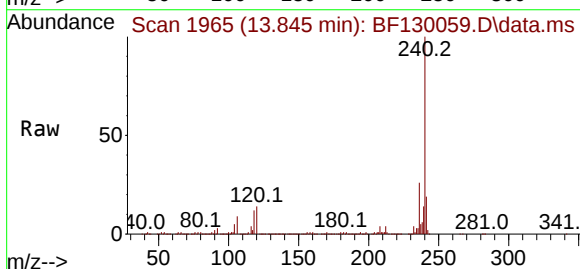
Instrument :
BNA_F
ClientSampleId :
PB147311TB

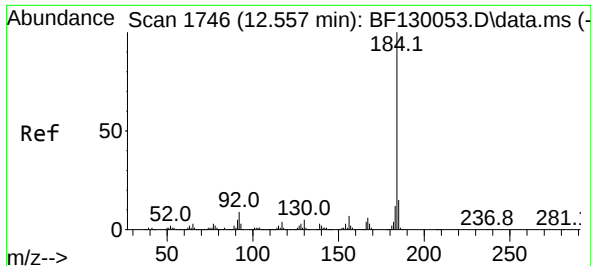
Tgt Ion:248 Resp: 40960
Ion Ratio Lower Upper
248 100
250 203.7 77.8 116.6#
141 514.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Tgt Ion:240 Resp: 703183
Ion Ratio Lower Upper
240 100
120 13.7 9.2 13.8
236 26.4 20.7 31.1

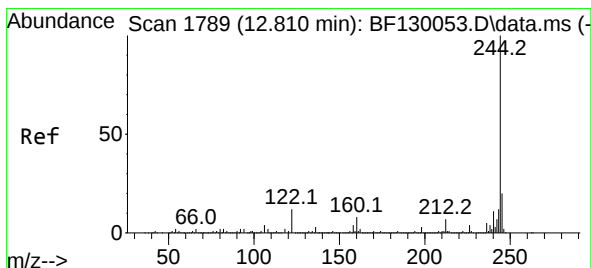
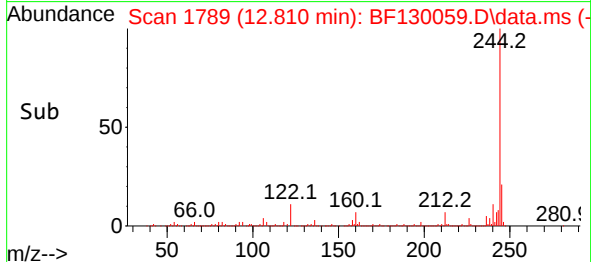
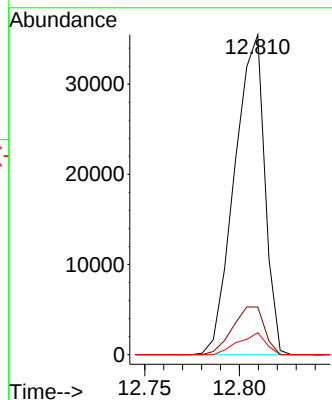
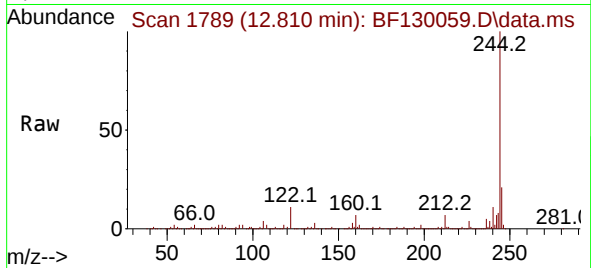




#77
Benzidine
Concen: 2.073 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

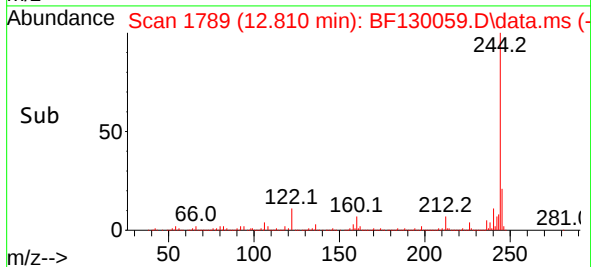
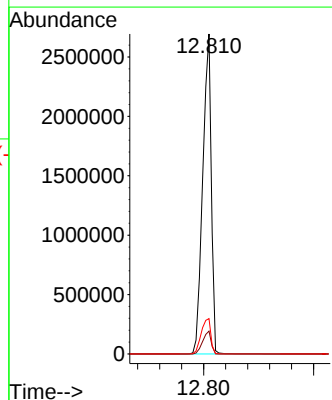
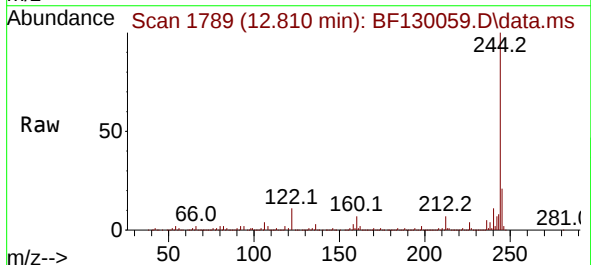
Instrument :
BNA_F
ClientSampleId :
PB147311TB

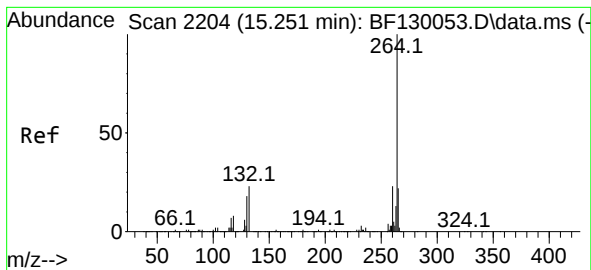
Tgt Ion:184 Resp: 39358
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.2
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 71.906 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Tgt Ion:244 Resp: 2915767
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.1 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Instrument :
BNA_F
ClientSampleId :
PB147311TB

Tgt Ion:264 Resp: 564403

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.3	16.7	25.1

