

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134808.D
 Acq On : 16 Aug 2023 14:48
 Operator : CG\JU
 Sample : 04022-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: Aug 17 01:33:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

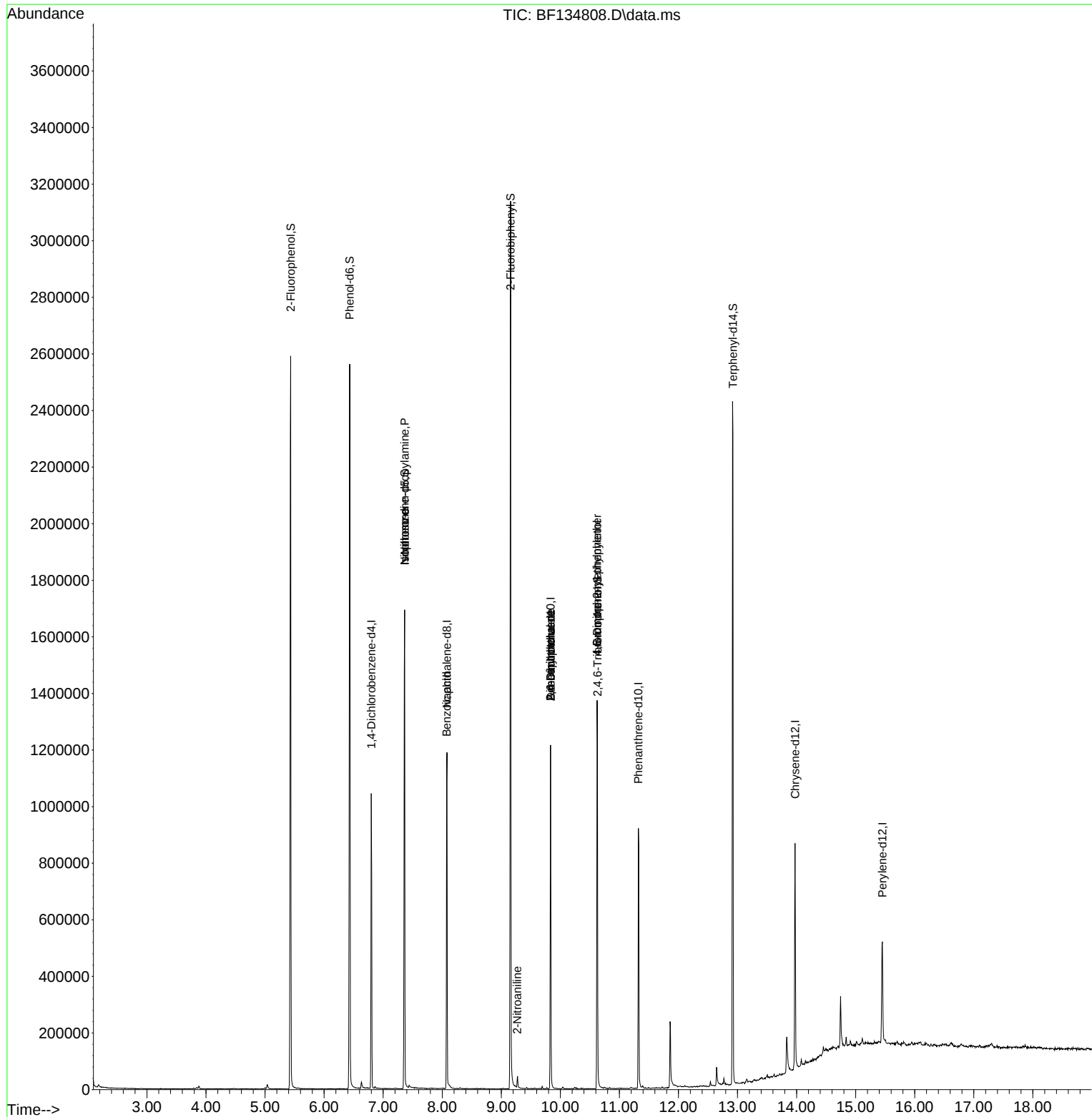
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	139938	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	531659	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	228919	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	359244	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	258846	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	190574	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	709676	77.090	ng	0.00
7) Phenol-d6	6.434	99	870717	73.991	ng	0.00
23) Nitrobenzene-d5	7.363	82	526397	61.874	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	179949	77.112	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	945422	68.668	ng	0.00
79) Terphenyl-d14	12.922	244	914899	62.309	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	53	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	69680	9.890	ng	# 72
25) Isophorone	7.363	82	517624	27.896	ng	# 65
32) Benzoic acid	8.075	122	76	7.879	ng	# 1
48) 2-Nitroaniline	9.269	65	405	3.257	ng	# 27
50) Dimethylphthalate	9.834	163	46401	2.974	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	29662	11.292	ng	# 17
57) 2,4-Dinitrotoluene	9.834	165	29662	10.077	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	536	9.001	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	11305	2.875	ng	# 1

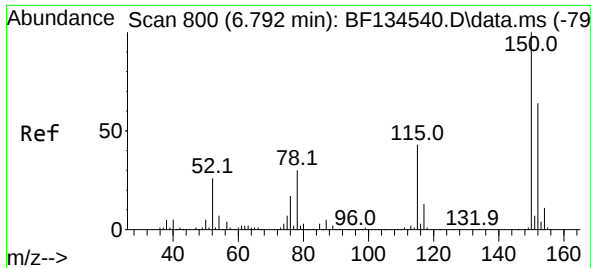
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134808.D
Acq On : 16 Aug 2023 14:48
Operator : CG\JU
Sample : 04022-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15

Quant Time: Aug 17 01:33:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

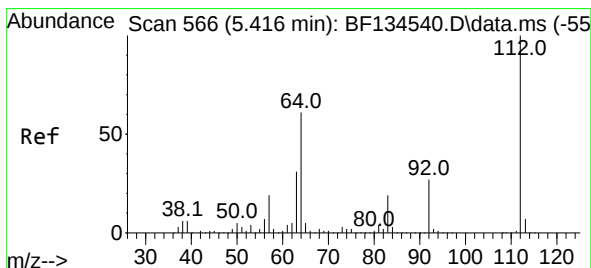
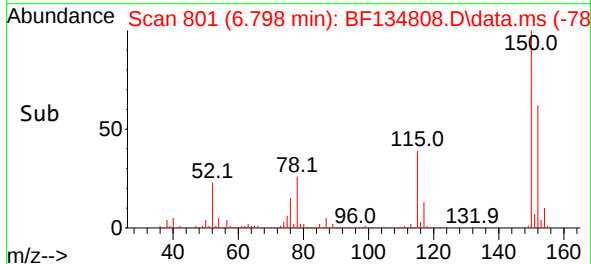
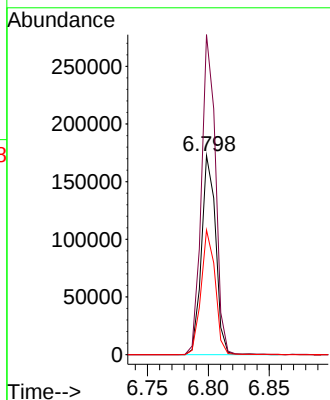
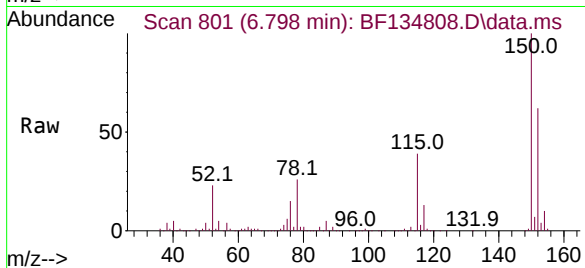




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134808.D
 Acq: 16 Aug 2023 14:48

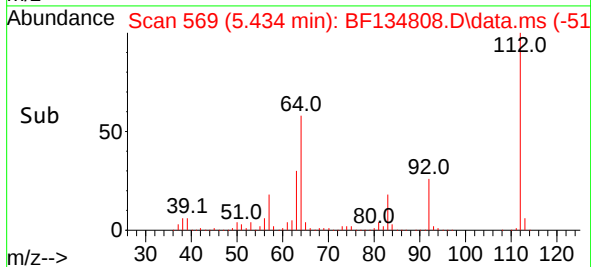
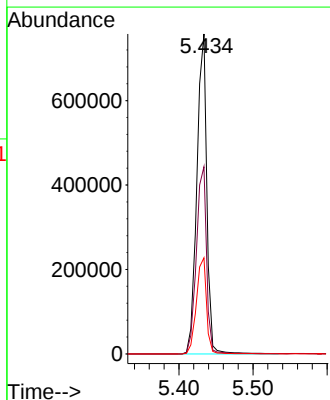
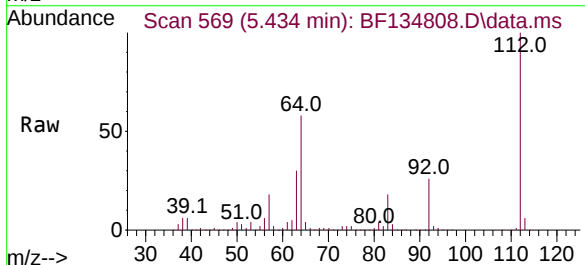
Instrument :
 BNA_F
 ClientSampleId :
 TP-15

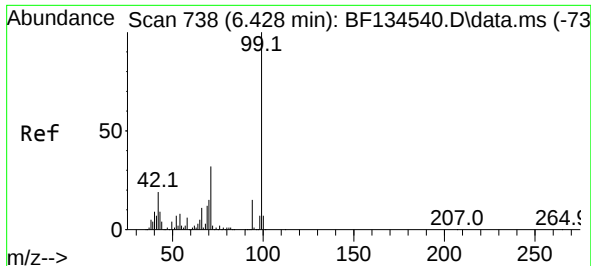
Tgt Ion:152 Resp: 139938
 Ion Ratio Lower Upper
 152 100
 150 160.7 128.3 192.5
 115 62.6 52.4 78.6



#5
 2-Fluorophenol
 Concen: 77.090 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134808.D
 Acq: 16 Aug 2023 14:48

Tgt Ion:112 Resp: 709676
 Ion Ratio Lower Upper
 112 100
 64 58.5 44.9 67.3
 63 30.0 25.4 38.0

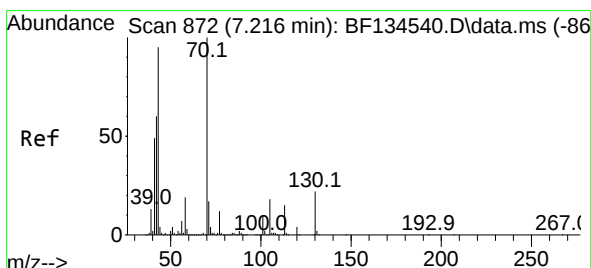
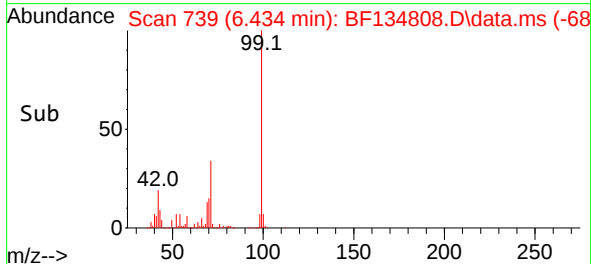
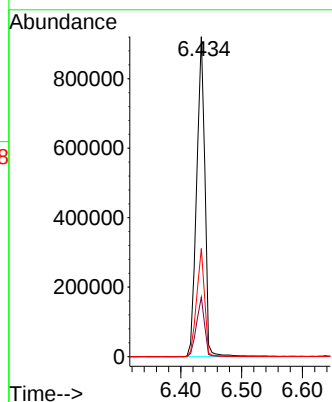
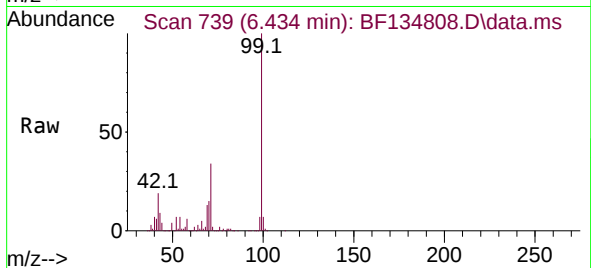




#7
Phenol-d6
Concen: 73.991 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

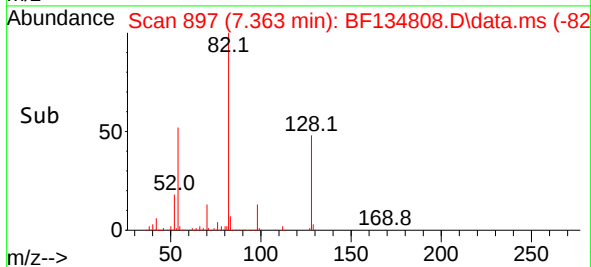
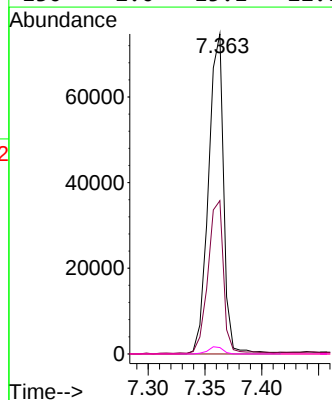
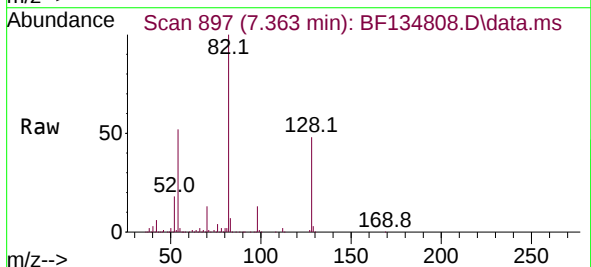
Instrument :
BNA_F
ClientSampleId :
TP-15

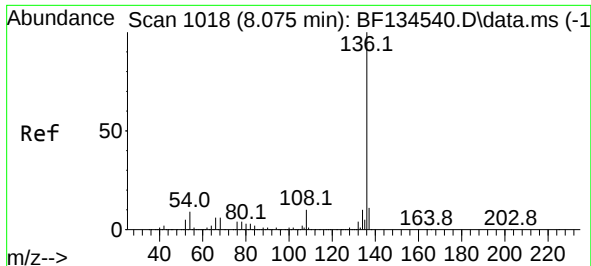
Tgt Ion: 99 Resp: 870717
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 33.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.890 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion: 70 Resp: 69680
Ion Ratio Lower Upper
70 100
42 47.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#

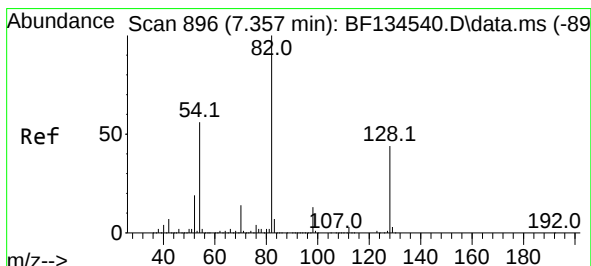
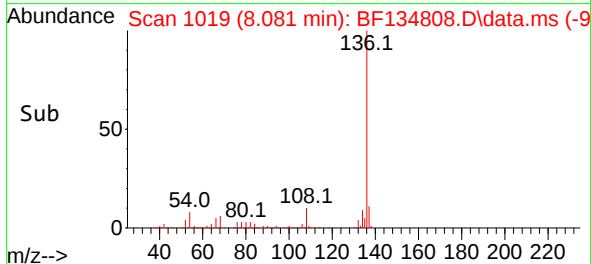
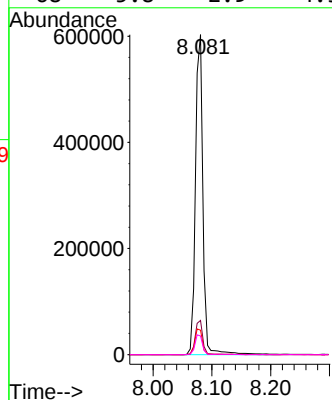
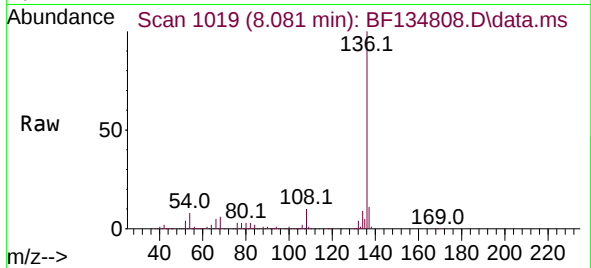




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

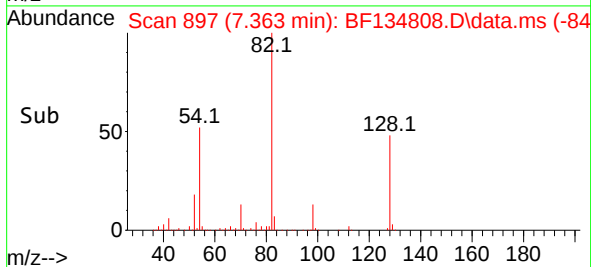
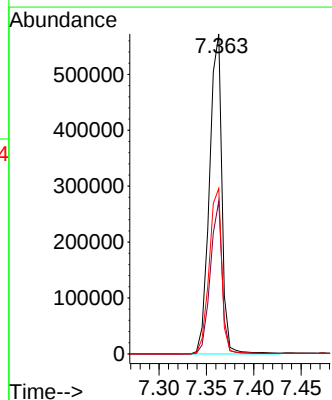
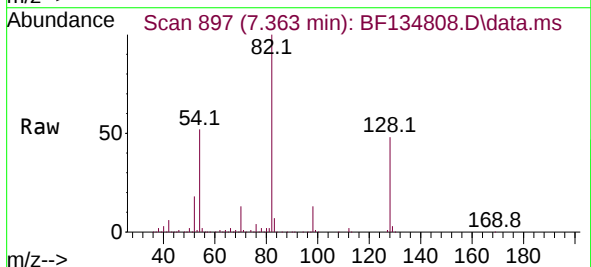
Instrument :
BNA_F
ClientSampleId :
TP-15

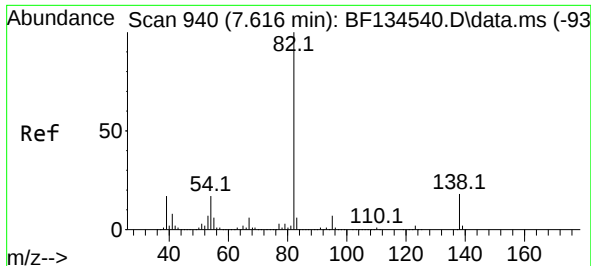
Tgt Ion:136 Resp: 531659
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 5.2 7.8
68 5.8 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 61.874 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion: 82 Resp: 526397
Ion Ratio Lower Upper
82 100
128 47.7 34.3 51.5
54 51.7 43.8 65.6

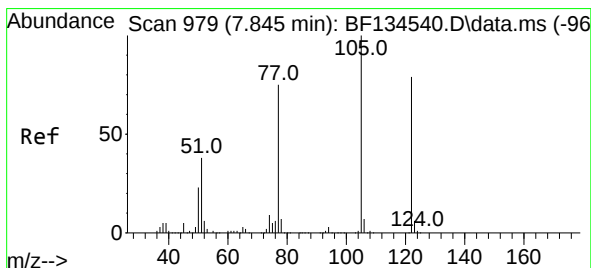
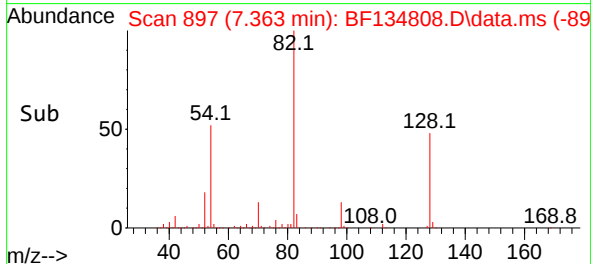
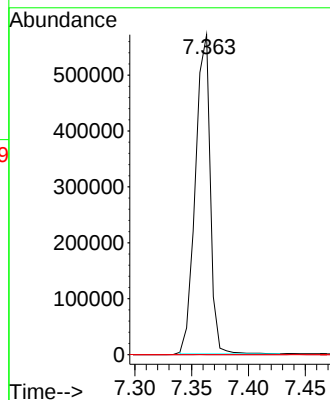
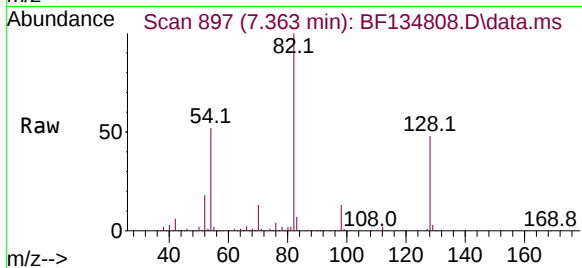




#25
Isophorone
Concen: 27.896 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

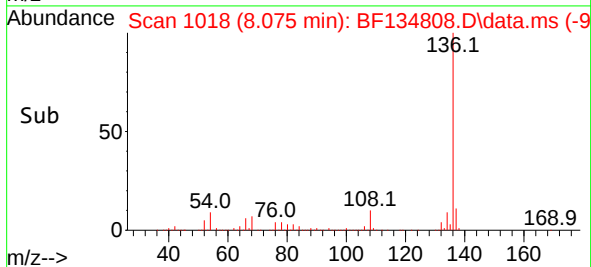
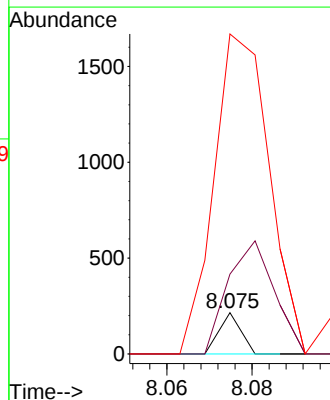
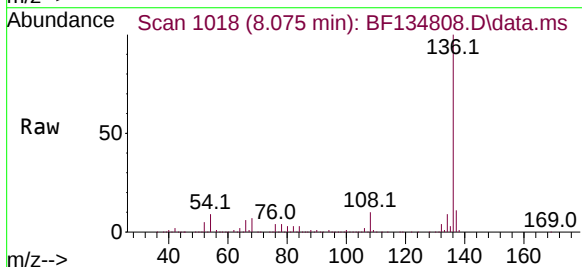
Instrument :
BNA_F
ClientSampleId :
TP-15

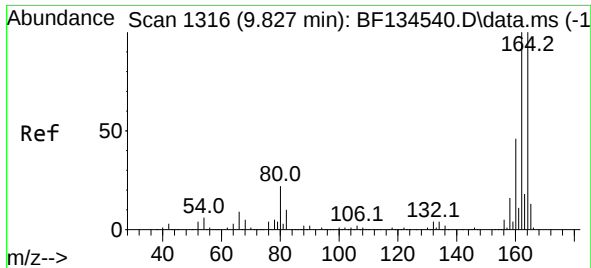
Tgt Ion: 82 Resp: 517624
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.879 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion:122 Resp: 76
Ion Ratio Lower Upper
122 100
105 193.5 87.5 127.5#
77 776.7 71.4 111.4#

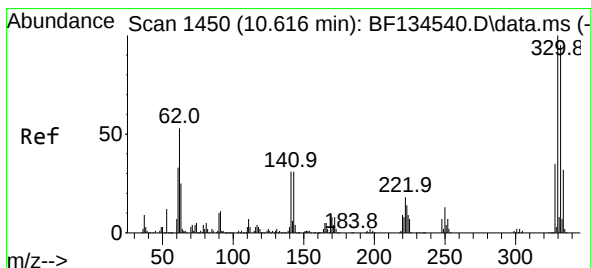
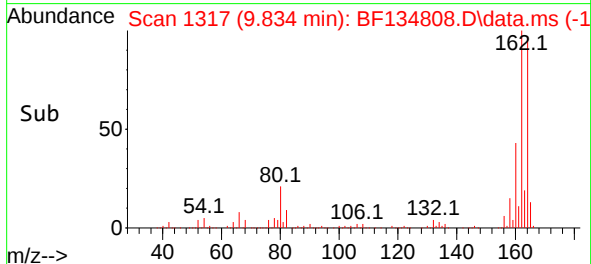
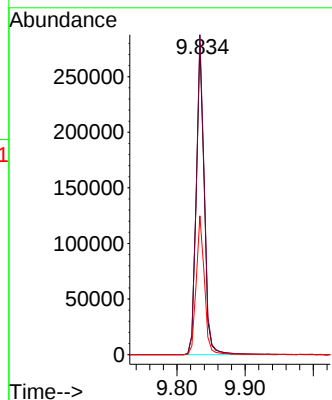
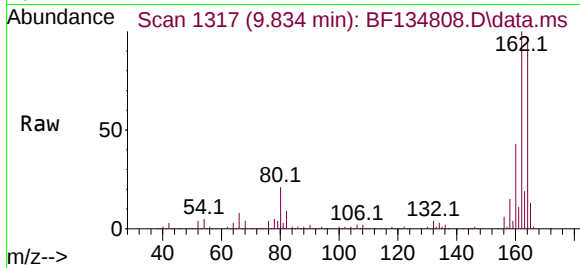




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

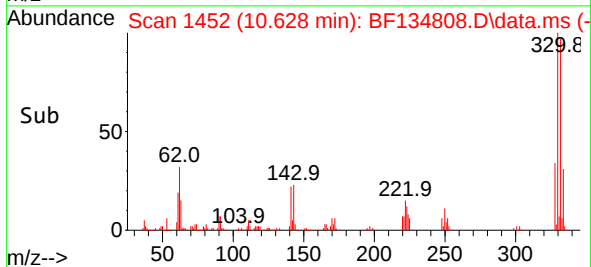
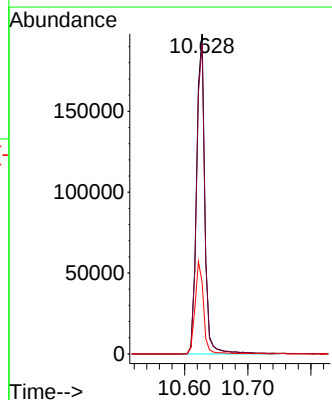
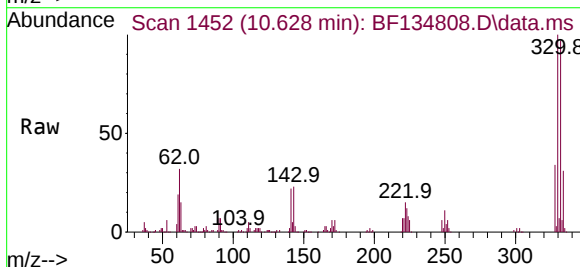
Instrument :
BNA_F
ClientSampleId :
TP-15

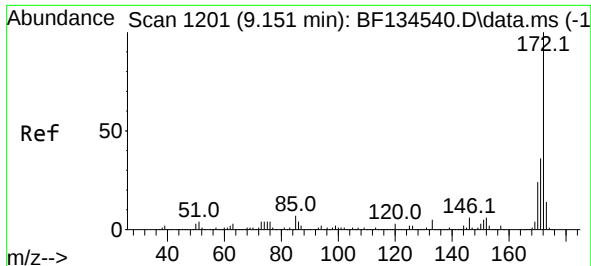
Tgt Ion:164 Resp: 228919
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 44.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 77.112 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion:330 Resp: 179949
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 29.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.668 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

Instrument :

BNA_F

ClientSampleId :

TP-15

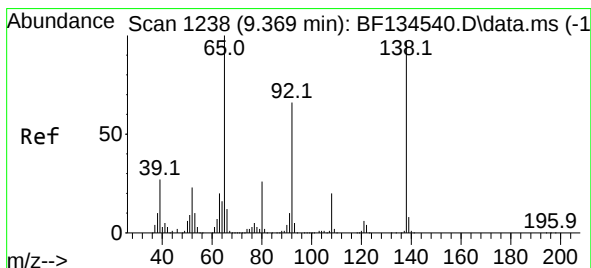
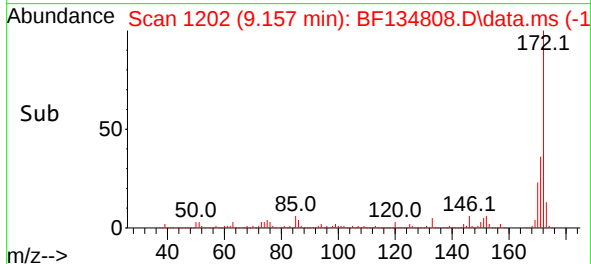
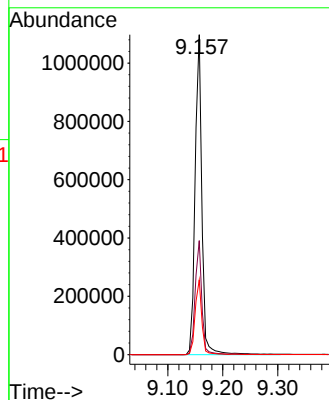
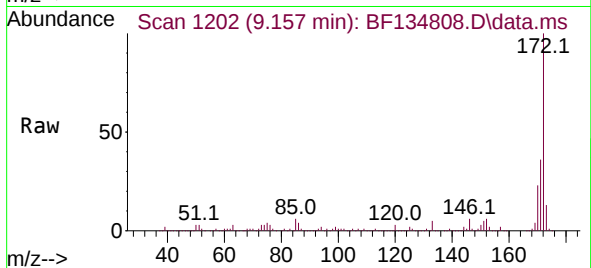
Tgt Ion:172 Resp: 945422

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.257 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

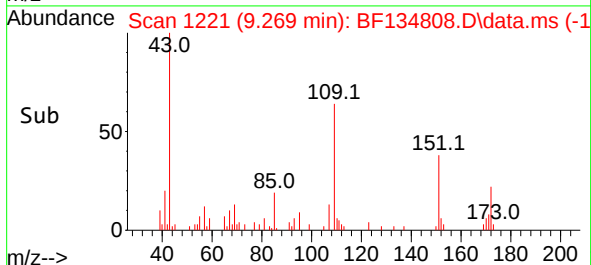
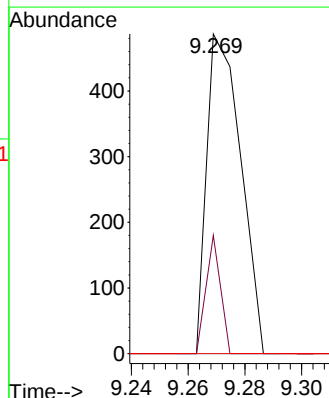
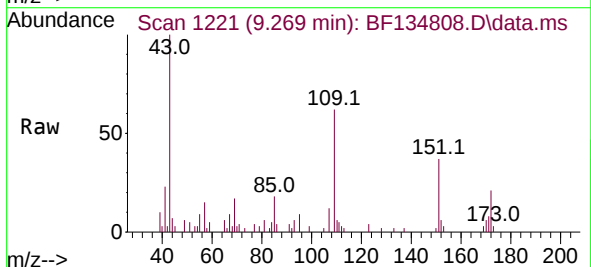
Tgt Ion: 65 Resp: 405

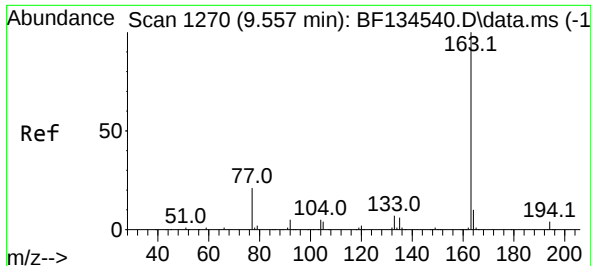
Ion Ratio Lower Upper

65 100

92 37.0 50.7 76.1#

138 0.0 78.2 117.4#

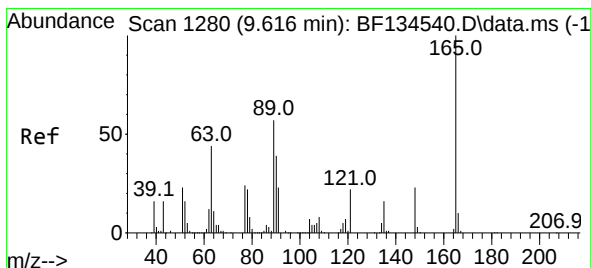
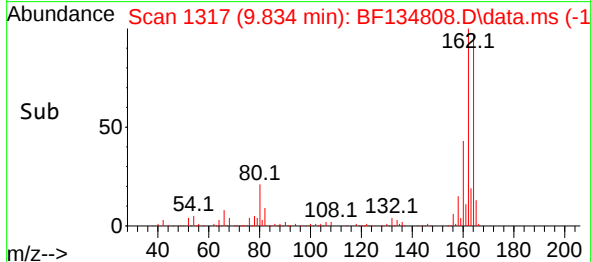
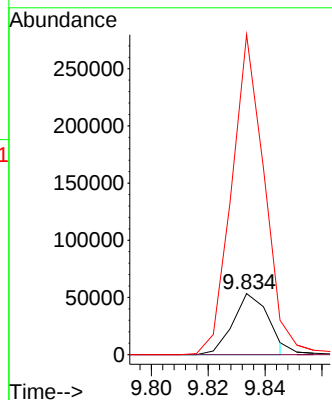
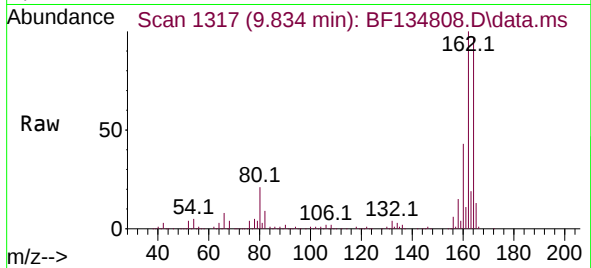




#50
Dimethylphthalate
Concen: 2.974 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

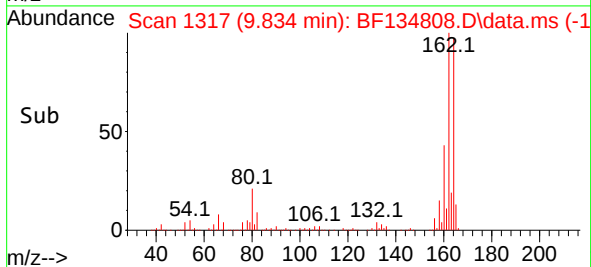
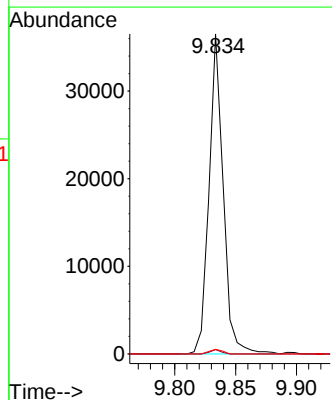
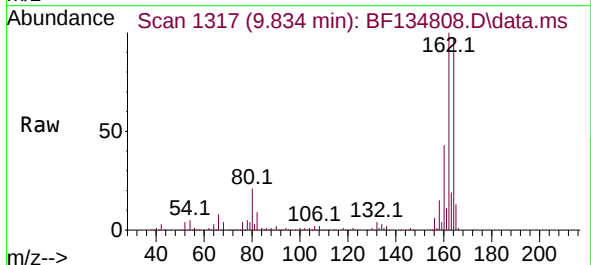
Instrument :
BNA_F
ClientSampleId :
TP-15

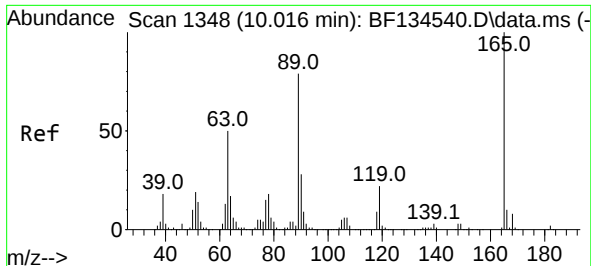
Tgt Ion:163 Resp: 46401
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 524.4 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.292 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion:165 Resp: 29662
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.4 51.8 77.8#

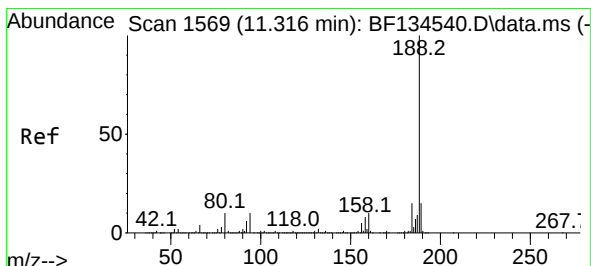
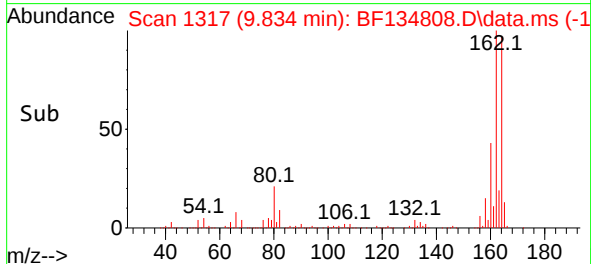
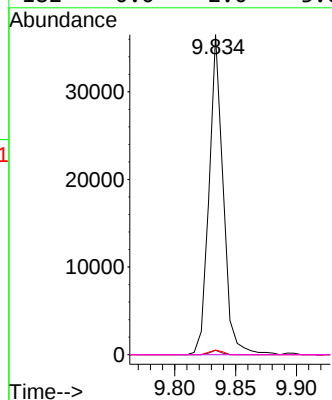
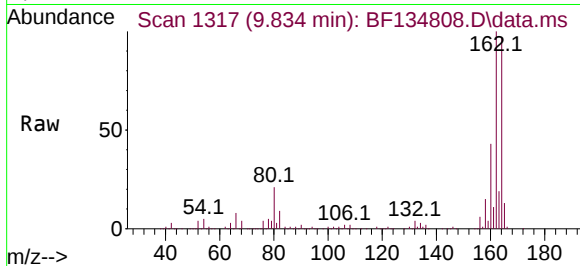




#57
2,4-Dinitrotoluene
Concen: 10.077 ng
RT: 9.834 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

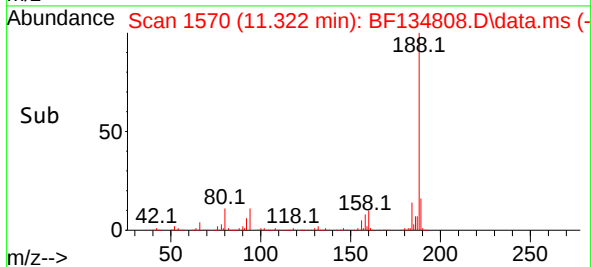
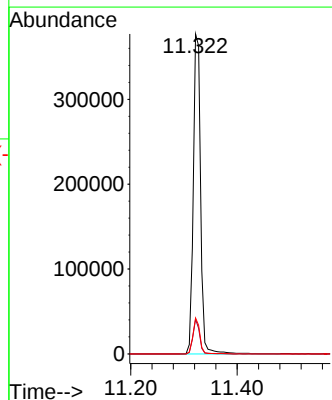
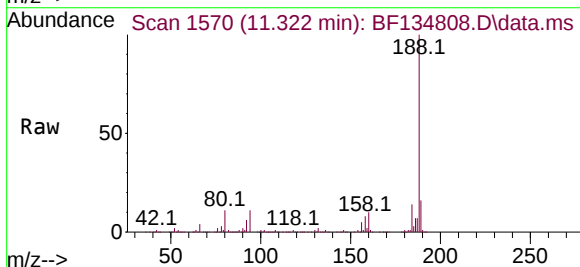
Instrument :
BNA_F
ClientSampleId :
TP-15

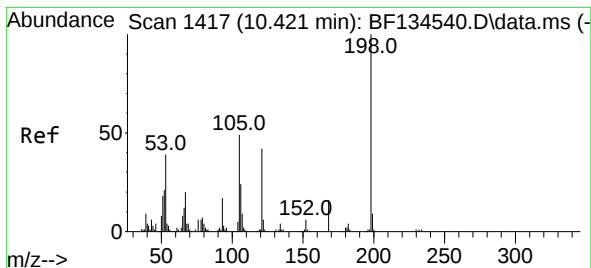
Tgt Ion:165 Resp: 29662
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion:188 Resp: 359244
Ion Ratio Lower Upper
188 100
94 10.9 5.1 7.7#
80 11.2 6.6 9.8#

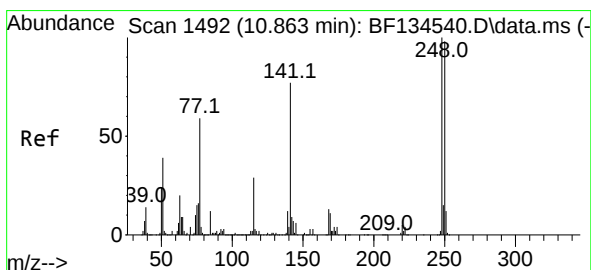
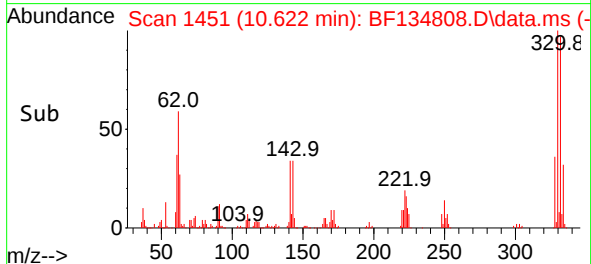
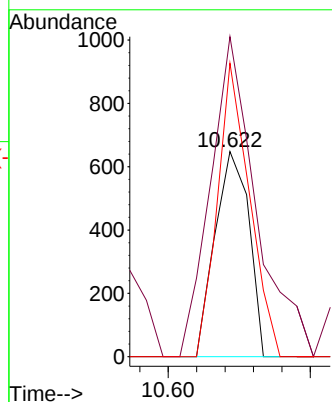
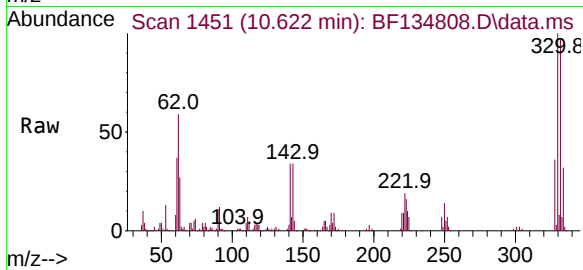




#65
4,6-Dinitro-2-methylphenol
Concen: 9.001 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

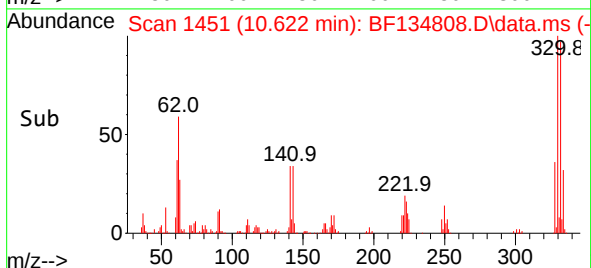
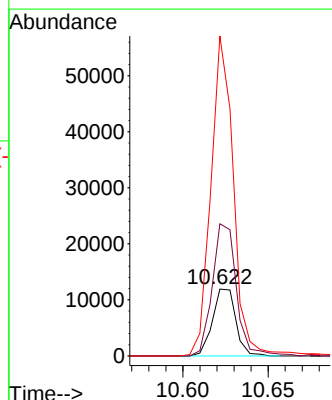
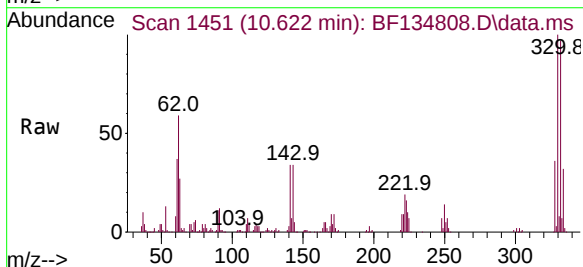
Instrument :
BNA_F
ClientSampleId :
TP-15

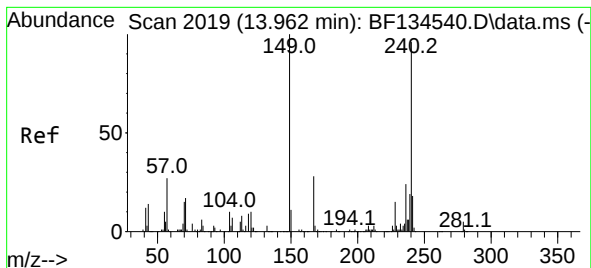
Tgt Ion:198 Resp: 536
Ion Ratio Lower Upper
198 100
51 156.0 38.6 78.6#
105 143.1 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.875 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion:248 Resp: 11305
Ion Ratio Lower Upper
248 100
250 197.7 79.6 119.4#
141 479.0 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

Instrument :

BNA_F

ClientSampleId :

TP-15

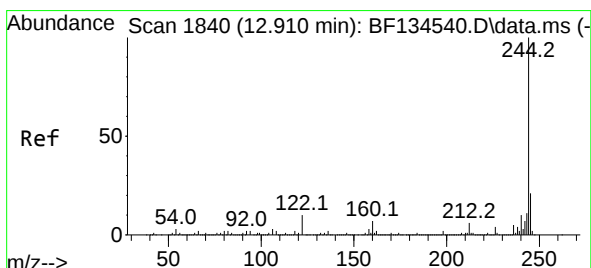
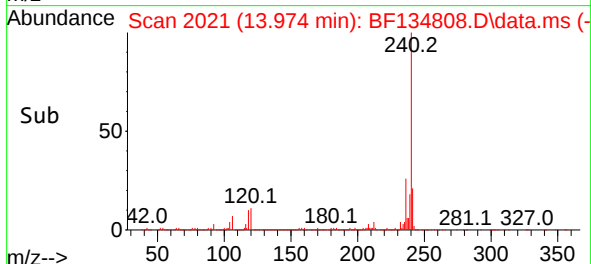
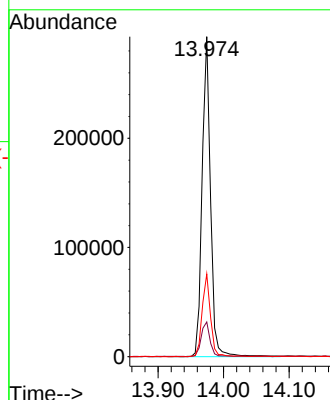
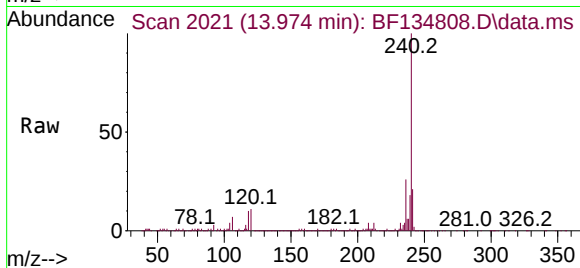
Tgt Ion:240 Resp: 258846

Ion Ratio Lower Upper

240 100

120 10.8 6.6 10.0#

236 25.8 20.2 30.2



#79

Terphenyl-d14

Concen: 62.309 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

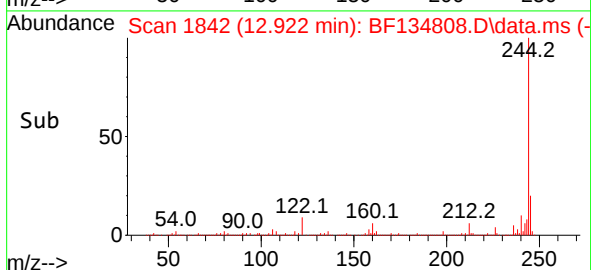
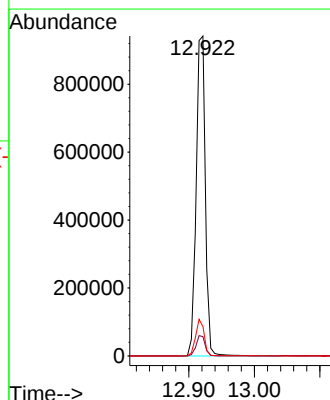
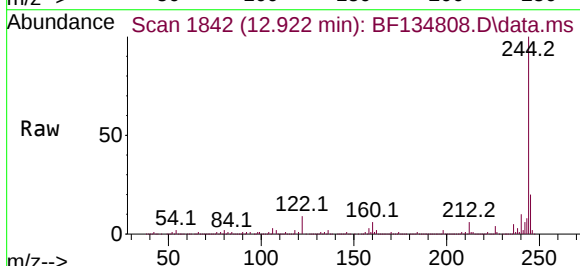
Tgt Ion:244 Resp: 914899

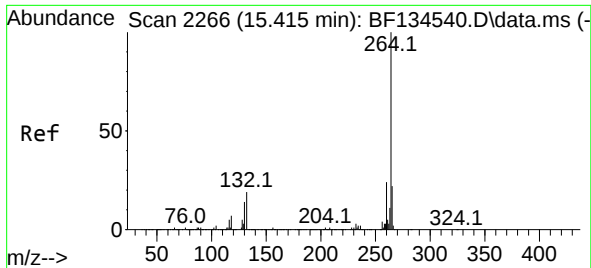
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

122 9.2 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:264 Resp: 190574
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.9 15.8 23.8

