

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134811.D
 Acq On : 16 Aug 2023 16:26
 Operator : CG\JU
 Sample : 04022-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: Aug 17 01:34:37 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)

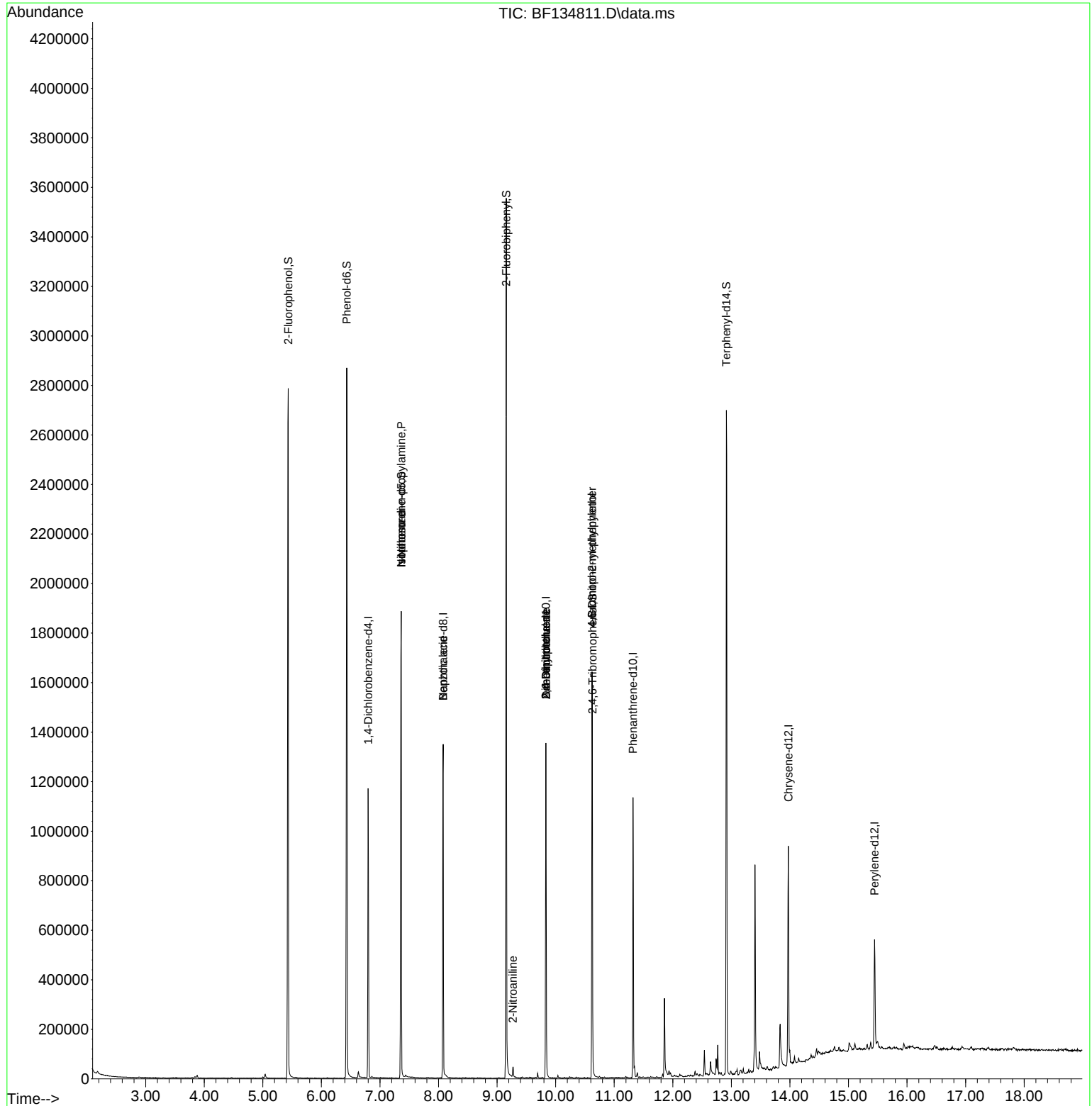
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	159223	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	603812	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	263270	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	394907	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	291246	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	217006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	803914	76.750	ng	0.00
7) Phenol-d6	6.434	99	995632	74.358	ng	0.00
23) Nitrobenzene-d5	7.363	82	601386	62.242	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	209606	78.101	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1078507	68.114	ng	0.00
79) Terphenyl-d14	12.916	244	1020363	61.761	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	1533	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	79441	9.909	ng	# 70
25) Isophorone	7.363	82	592157	28.099	ng	# 65
32) Benzoic acid	8.081	122	154	7.888	ng	# 1
48) 2-Nitroaniline	9.269	65	494	3.263	ng	# 8
50) Dimethylphthalate	9.833	163	54004	3.010	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	33702	11.186	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	33702	9.990	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	359	8.883	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	13755	3.182	ng	# 1

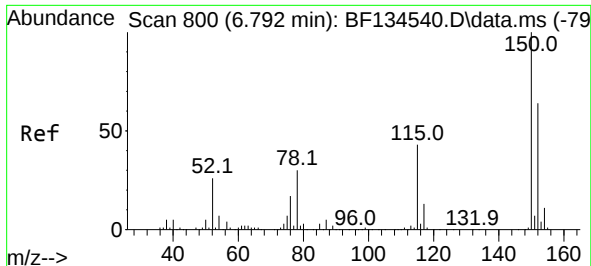
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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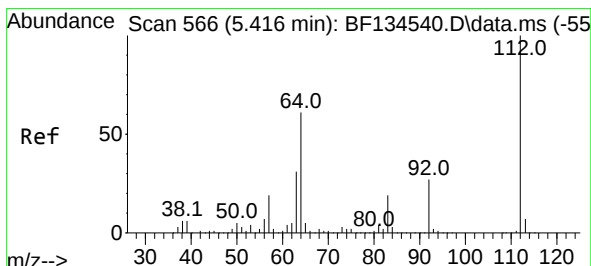
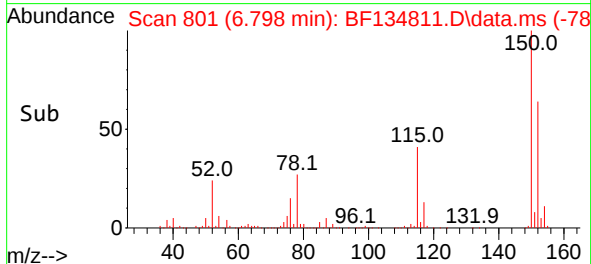
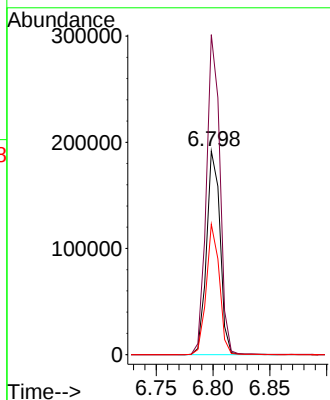
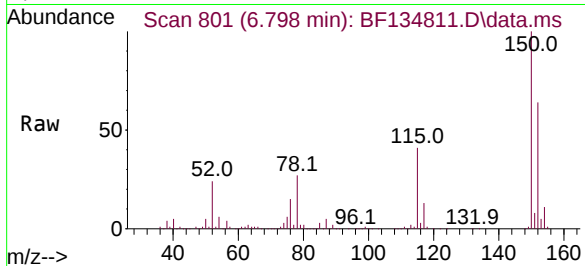




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

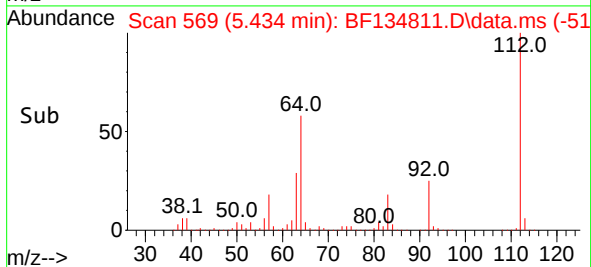
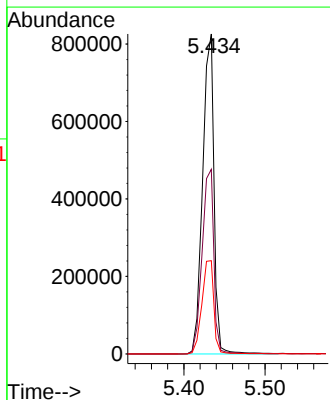
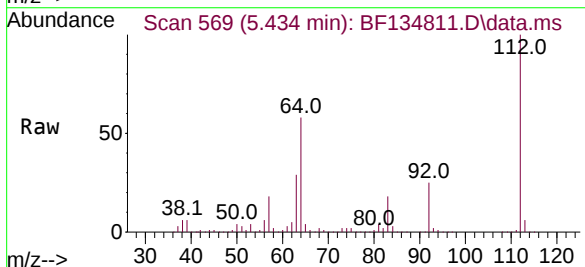
Instrument :
BNA_F
ClientSampleId :
TP-16

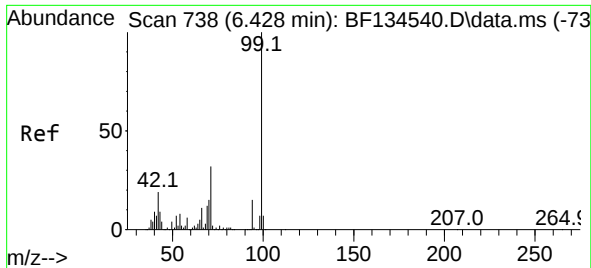
Tgt Ion:152 Resp: 159223
Ion Ratio Lower Upper
152 100
150 157.1 128.3 192.5
115 64.0 52.4 78.6



#5
2-Fluorophenol
Concen: 76.750 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

Tgt Ion:112 Resp: 803914
Ion Ratio Lower Upper
112 100
64 57.7 44.9 67.3
63 29.1 25.4 38.0

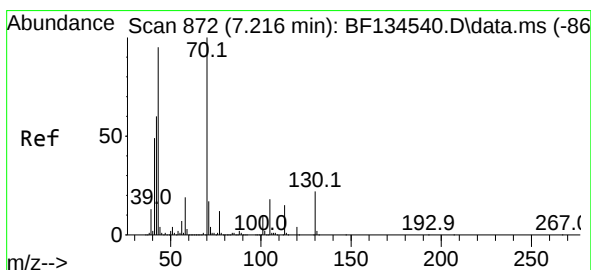
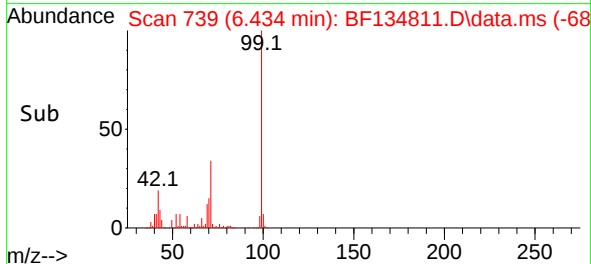
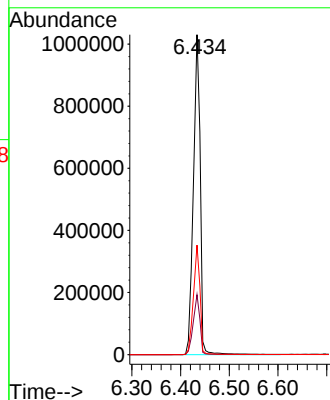
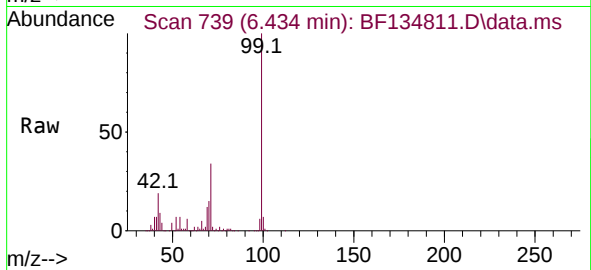




#7
Phenol-d6
Concen: 74.358 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

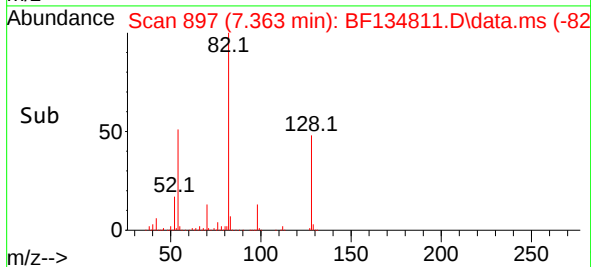
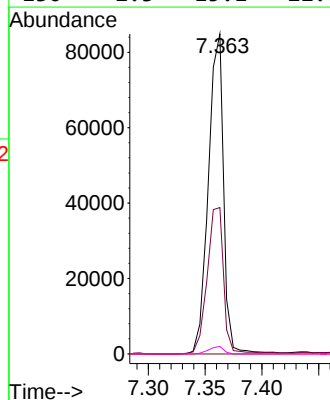
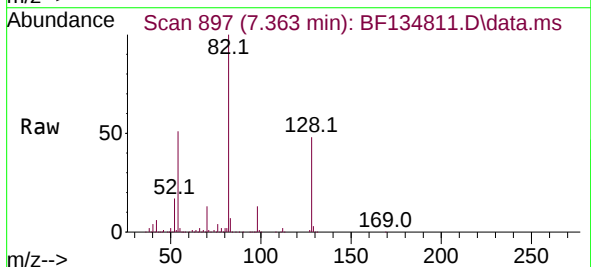
Instrument :
BNA_F
ClientSampleId :
TP-16

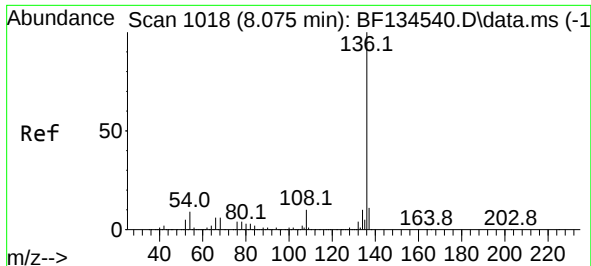
Tgt Ion: 99 Resp: 995632
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1
71 34.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.909 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

Tgt Ion: 70 Resp: 79441
Ion Ratio Lower Upper
70 100
42 45.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#

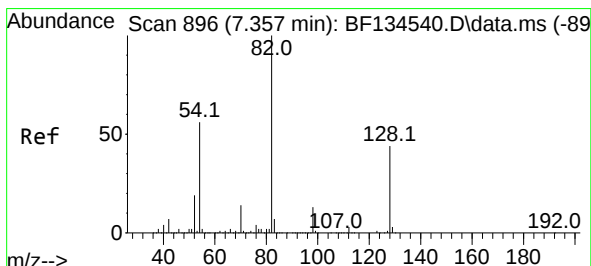
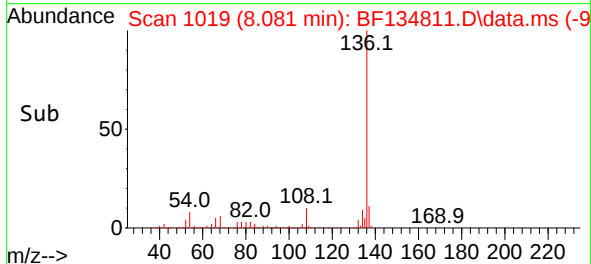
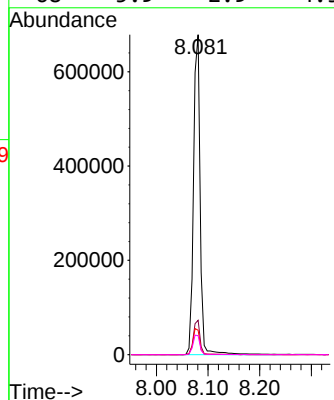
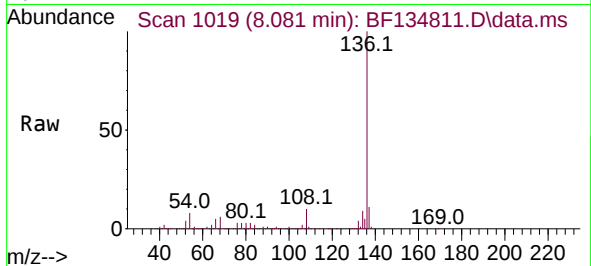




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

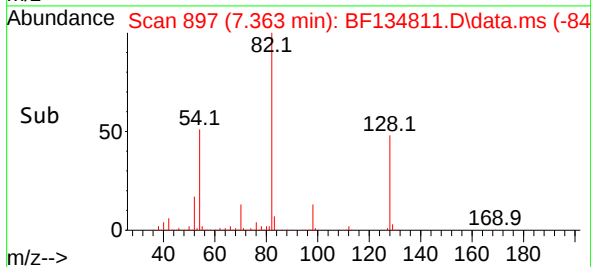
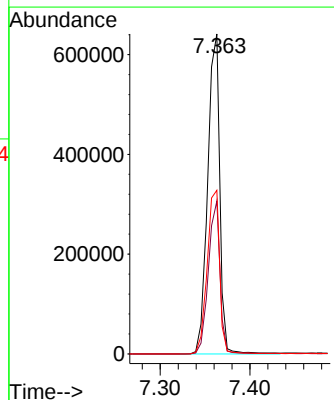
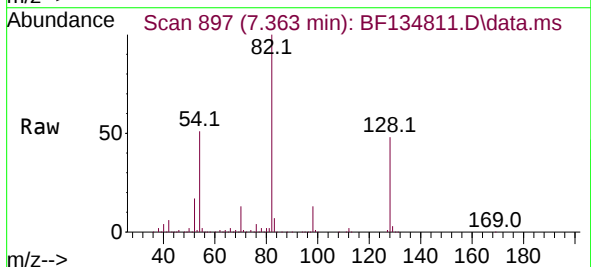
Instrument :
BNA_F
ClientSampleId :
TP-16

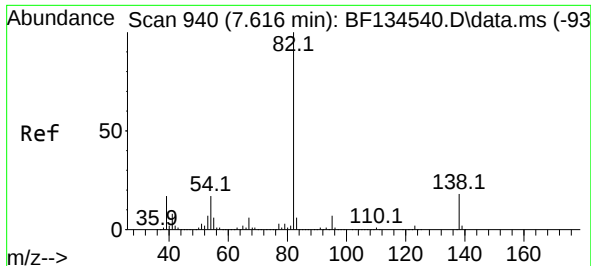
Tgt Ion:136 Resp: 603812
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.6 5.2 7.8
68 5.9 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 62.242 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

Tgt Ion: 82 Resp: 601386
Ion Ratio Lower Upper
82 100
128 47.8 34.3 51.5
54 51.1 43.8 65.6

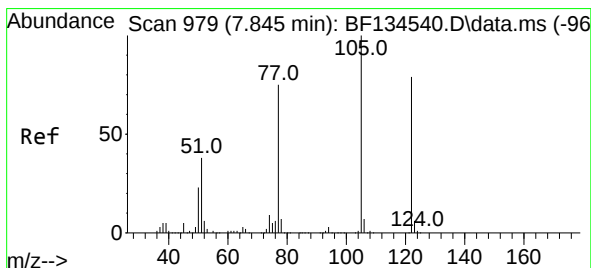
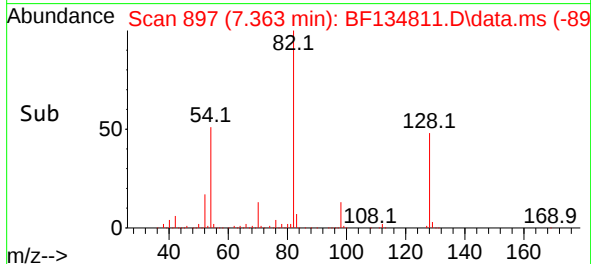
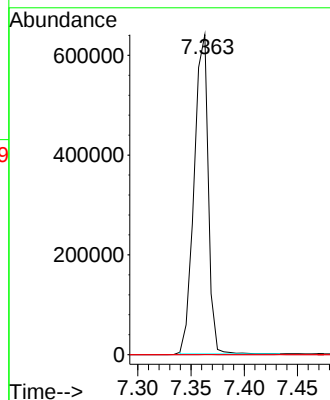
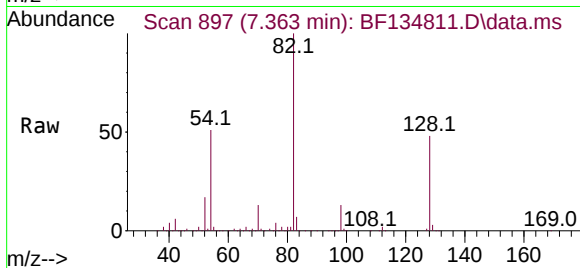




#25
Isophorone
Concen: 28.099 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

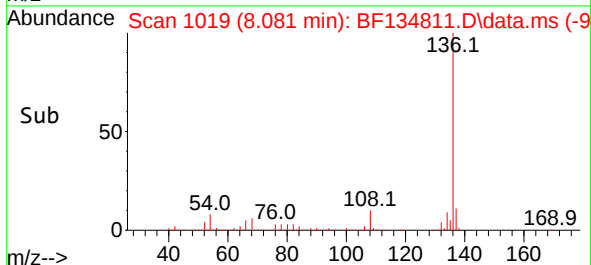
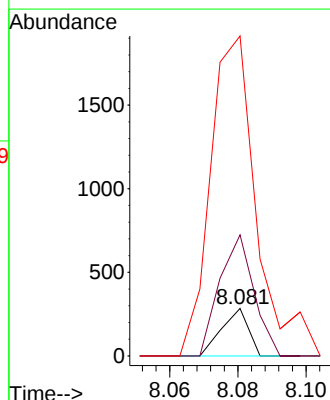
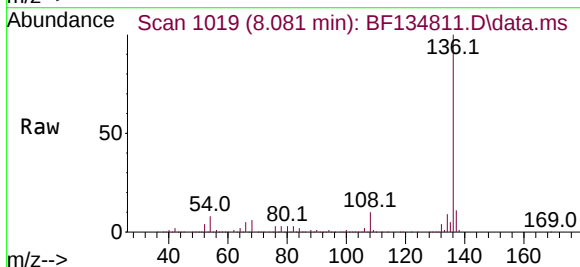
Instrument :
BNA_F
ClientSampleId :
TP-16

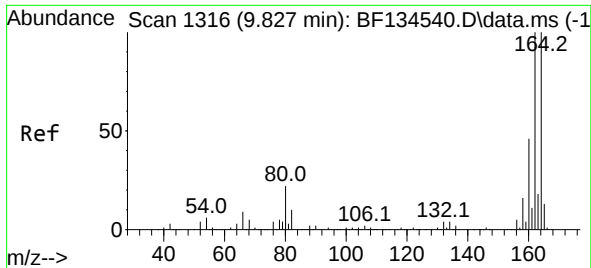
Tgt Ion: 82 Resp: 592157
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.888 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

Tgt Ion: 122 Resp: 154
Ion Ratio Lower Upper
122 100
105 254.9 87.5 127.5#
77 673.9 71.4 111.4#

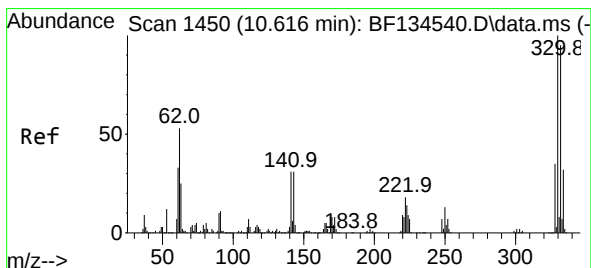
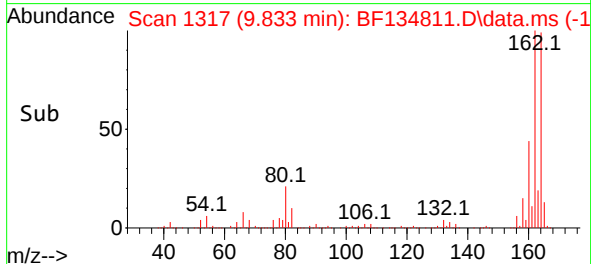
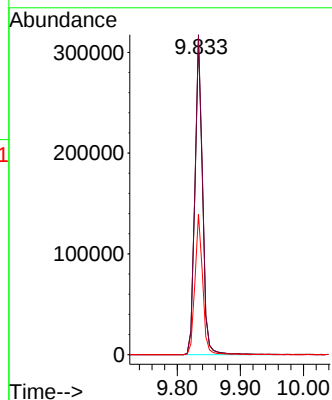
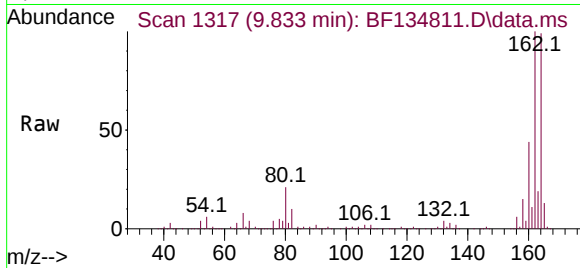




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

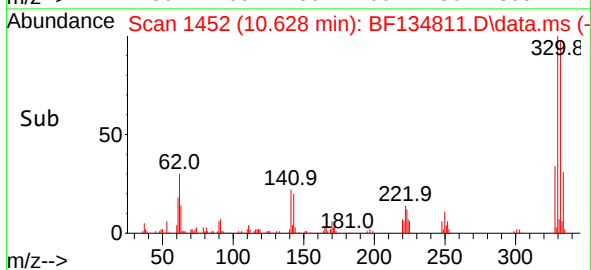
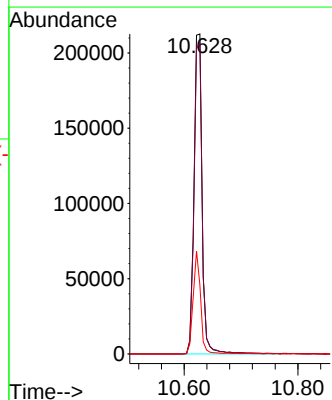
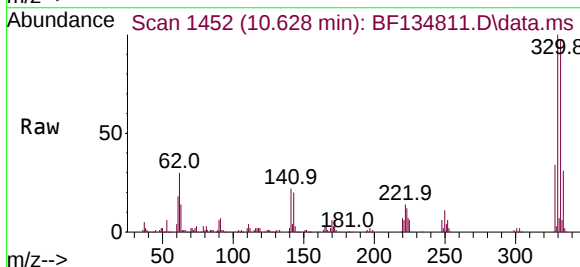
Instrument :
BNA_F
ClientSampleId :
TP-16

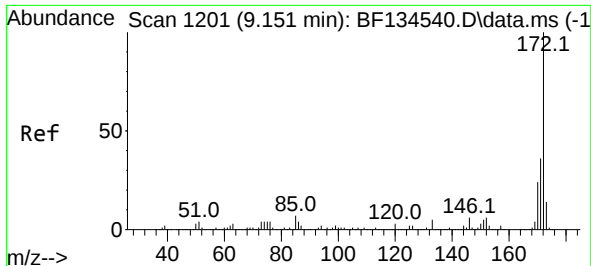
Tgt Ion:164 Resp: 263270
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 44.4 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 78.101 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

Tgt Ion:330 Resp: 209606
Ion Ratio Lower Upper
330 100
332 96.7 78.8 118.2
141 29.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.114 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-16

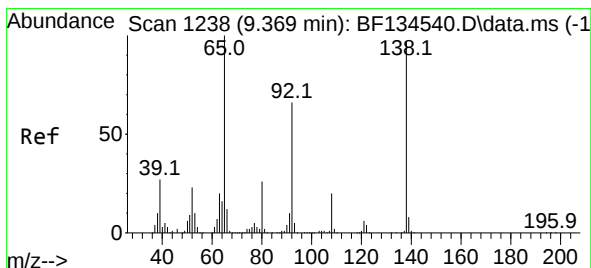
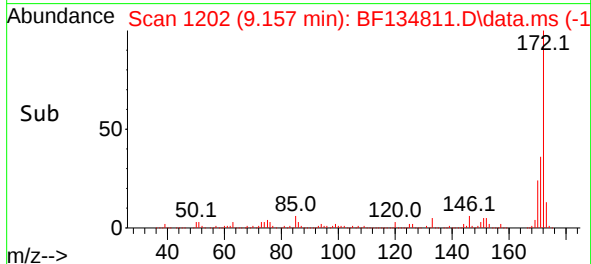
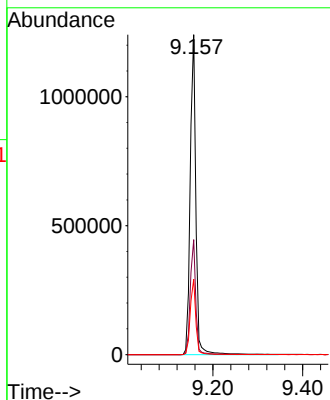
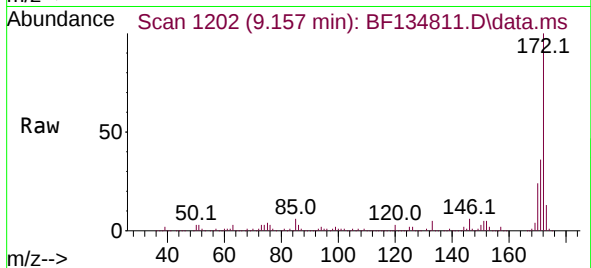
Tgt Ion:172 Resp: 1078507

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.6 18.7 28.1



#48

2-Nitroaniline

Concen: 3.263 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

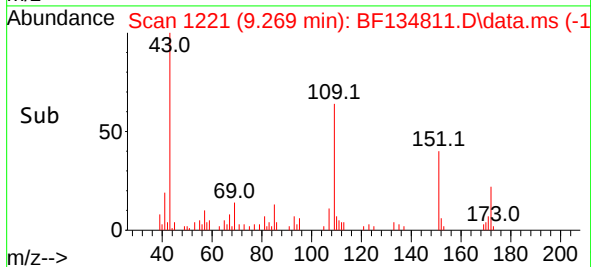
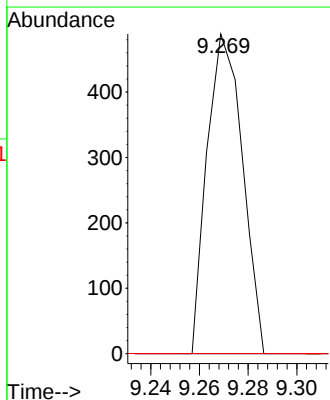
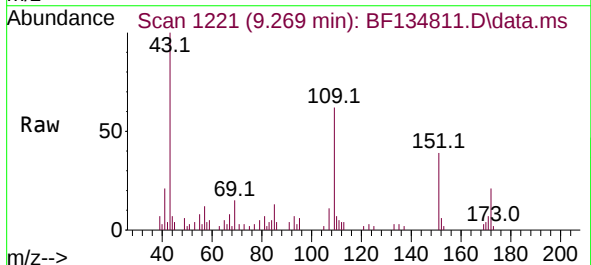
Tgt Ion: 65 Resp: 494

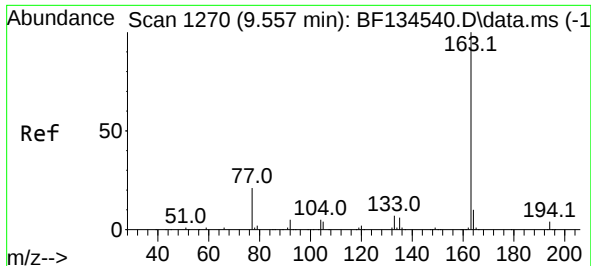
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

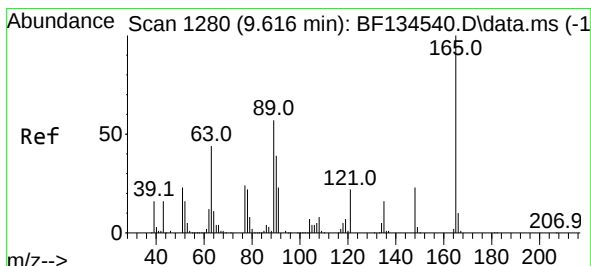
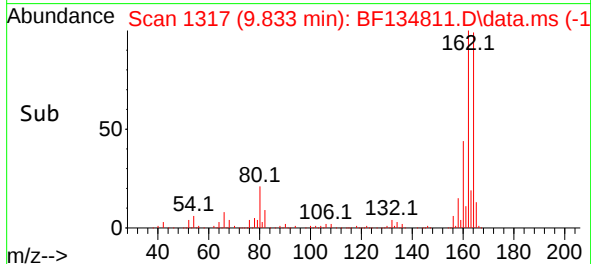
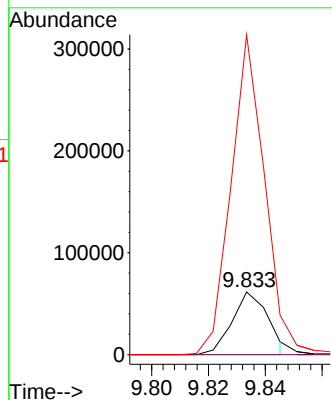
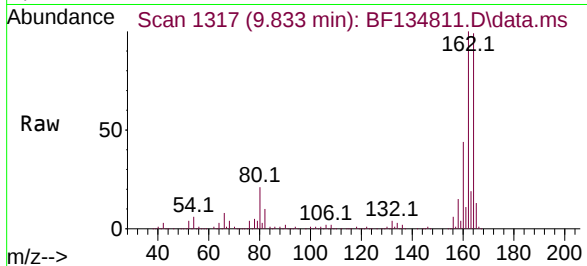




#50
Dimethylphthalate
Concen: 3.010 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

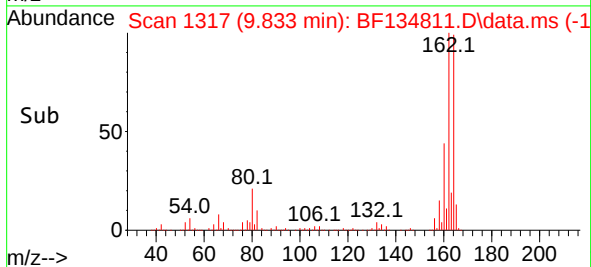
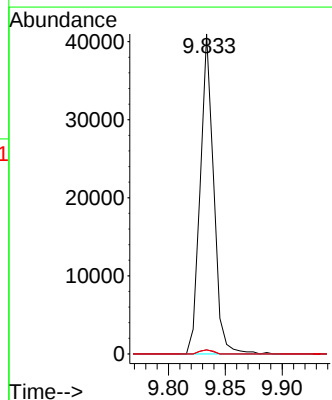
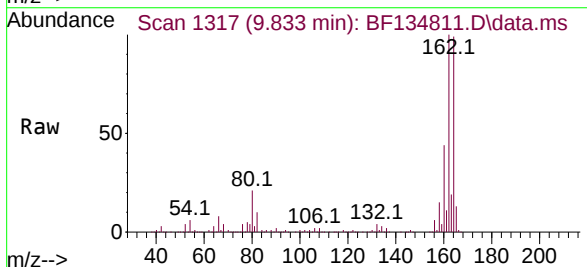
Instrument :
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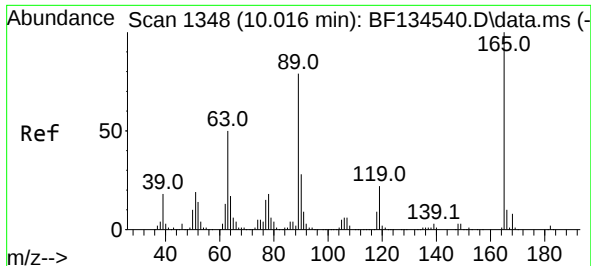
Tgt Ion:163 Resp: 54004
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 510.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.186 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

Tgt Ion:165 Resp: 33702
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.2 51.8 77.8#

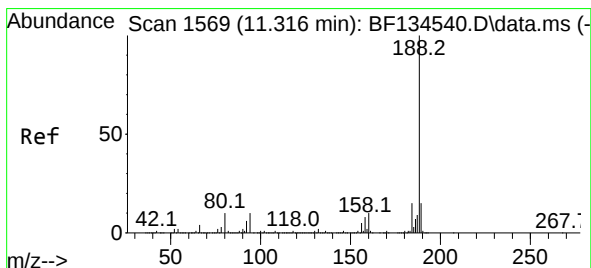
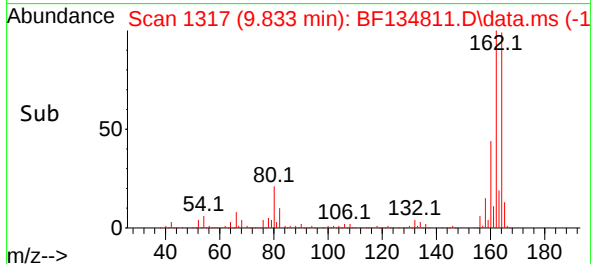
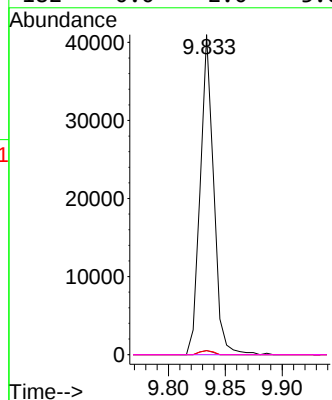
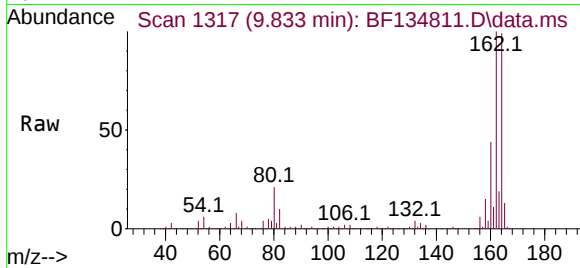




#57
2,4-Dinitrotoluene
Concen: 9.990 ng
RT: 9.833 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

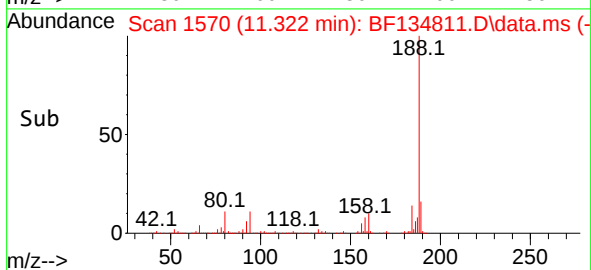
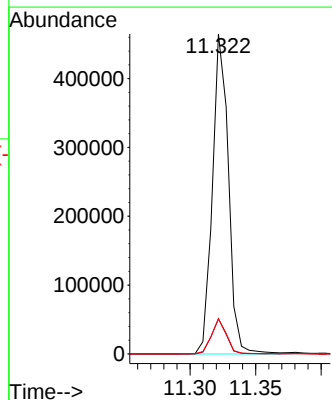
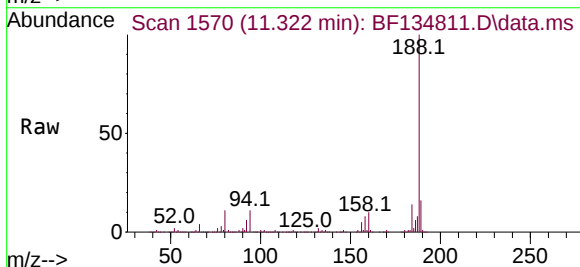
Instrument :
BNA_F
ClientSampleId :
TP-16

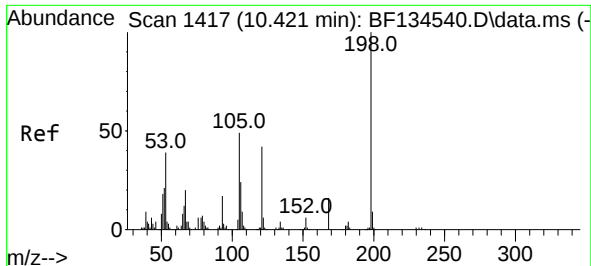
Tgt Ion:165 Resp: 33702
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

Tgt Ion:188 Resp: 394907
Ion Ratio Lower Upper
188 100
94 11.0 5.1 7.7#
80 11.0 6.6 9.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.883 ng

RT: 10.622 min Scan# 1417

Delta R.T. 0.182 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-16

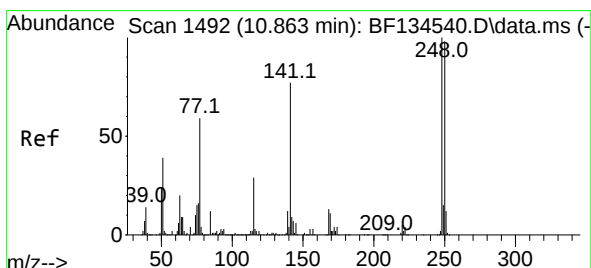
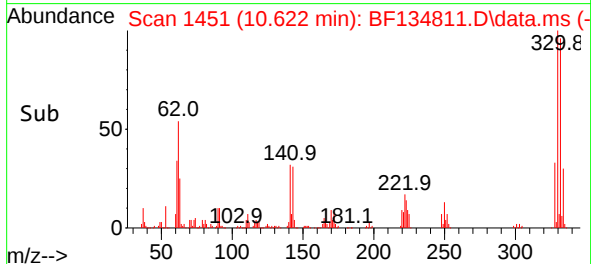
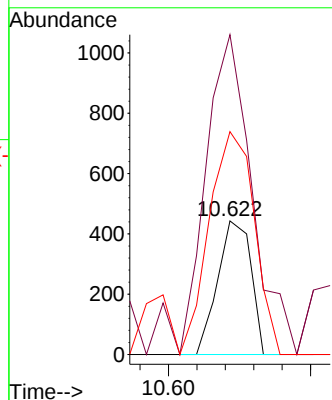
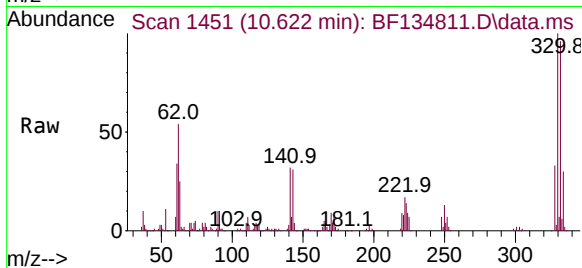
Tgt Ion:198 Resp: 359

Ion Ratio Lower Upper

198 100

51 239.5 38.6 78.6#

105 166.8 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 3.182 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

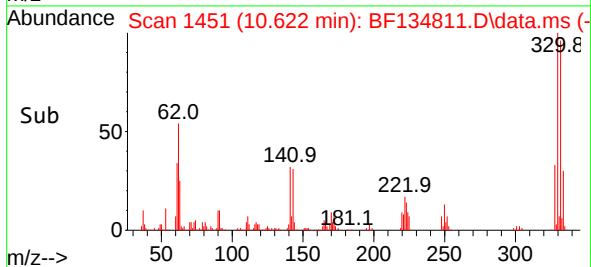
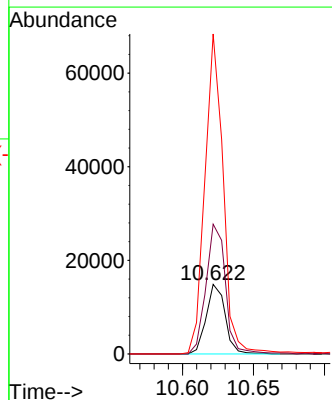
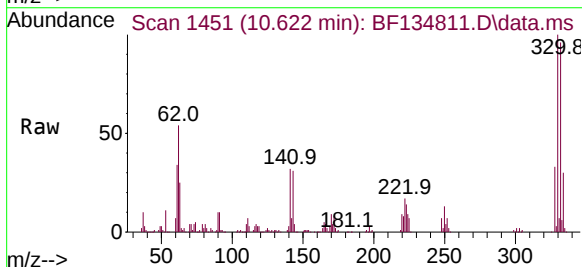
Tgt Ion:248 Resp: 13755

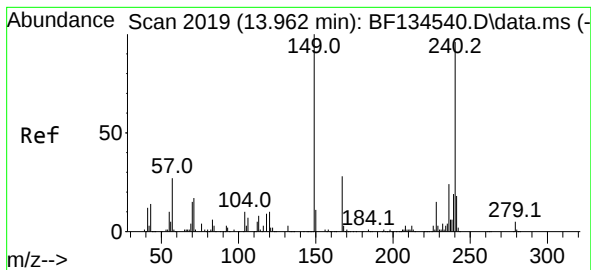
Ion Ratio Lower Upper

248 100

250 186.6 79.6 119.4#

141 460.5 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: BF134811.D

Acq: 16 Aug 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-16

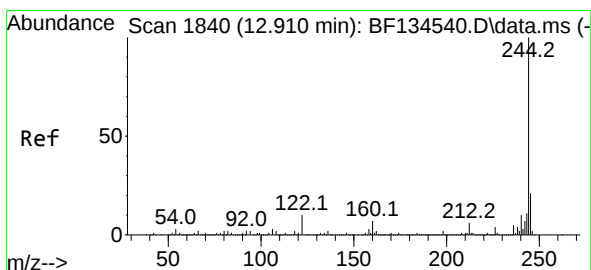
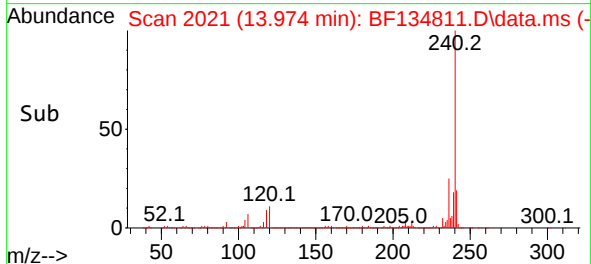
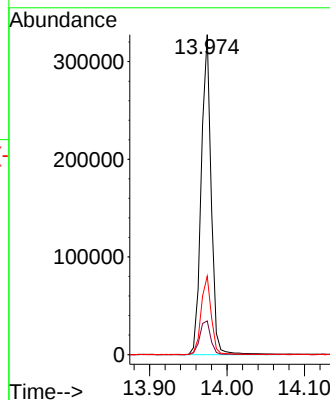
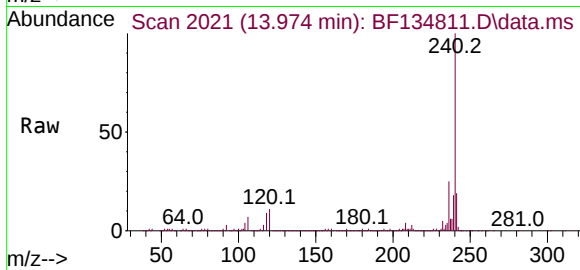
Tgt Ion:240 Resp: 291246

Ion Ratio Lower Upper

240 100

120 10.5 6.6 10.0#

236 24.5 20.2 30.2



#79

Terphenyl-d14

Concen: 61.761 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

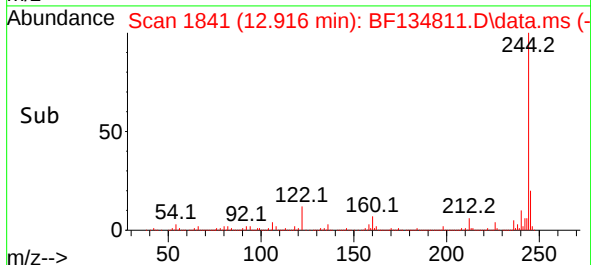
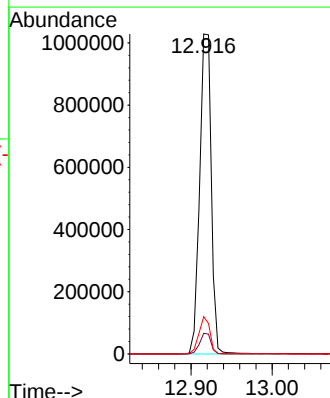
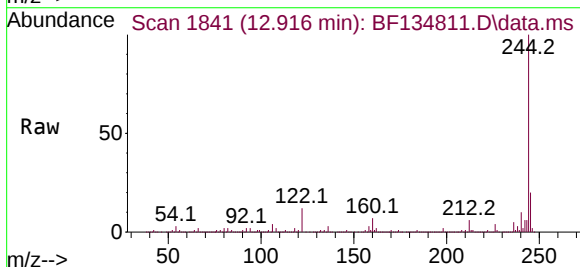
Tgt Ion:244 Resp: 1020363

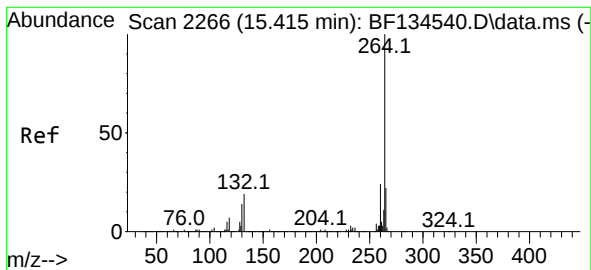
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 11.6 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134811.D

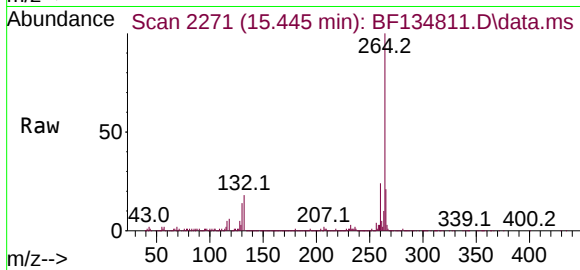
Acq: 16 Aug 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-16



Tgt Ion:264 Resp: 217006

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 20.7 15.8 23.8

