

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134810.D
 Acq On : 16 Aug 2023 15:54
 Operator : CG\JU
 Sample : 04022-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-24

Quant Time: Aug 17 01:34:18 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)

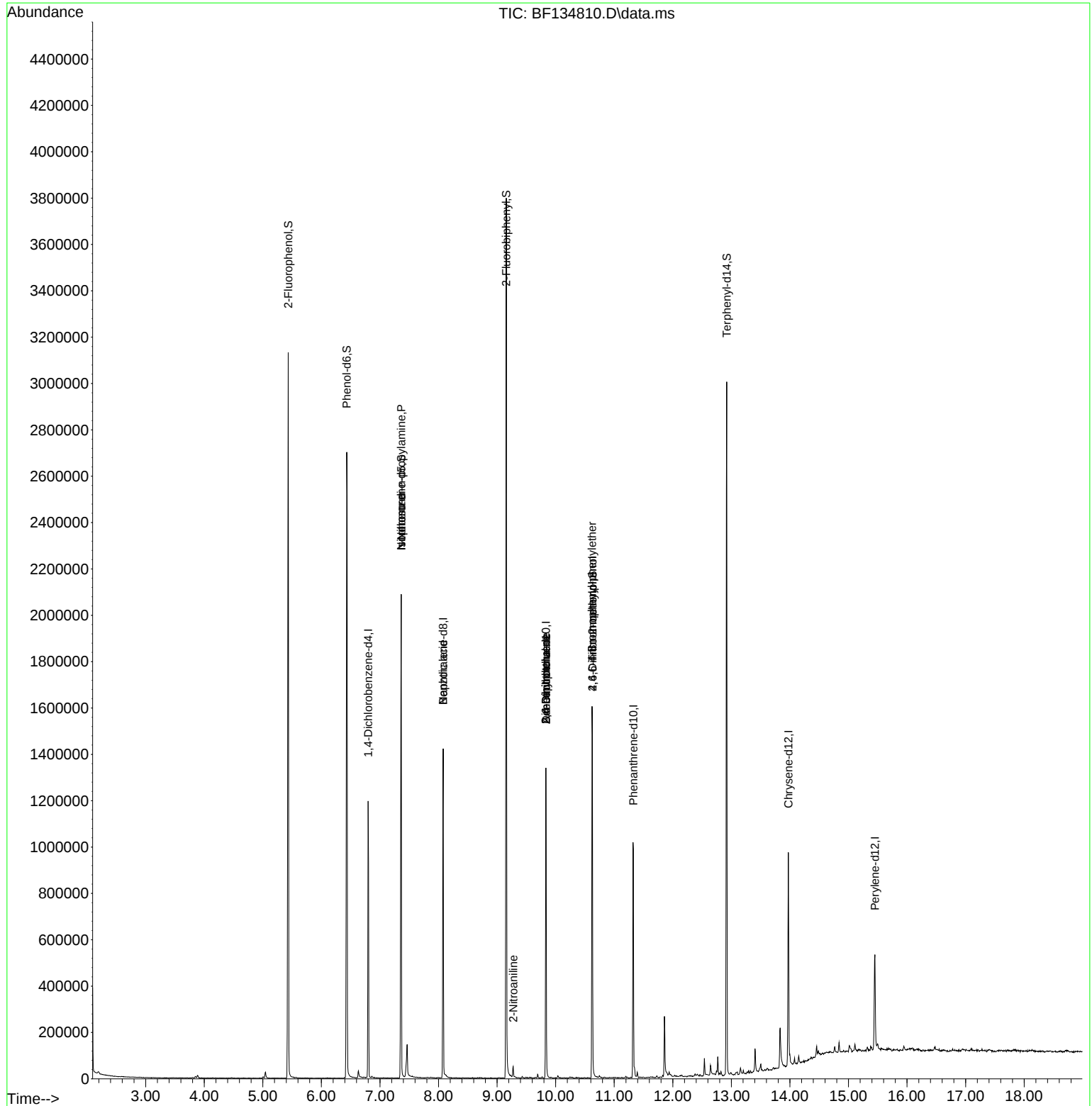
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	164666	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	614263	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	261897	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	401063	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	289684	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	213288	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	859281	79.324	ng	0.00
7) Phenol-d6	6.434	99	1051559	75.939	ng	0.00
23) Nitrobenzene-d5	7.363	82	631715	64.268	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	212397	79.556	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1129427	71.703	ng	0.00
79) Terphenyl-d14	12.921	244	1055663	64.242	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.357	77	55	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	83889	10.118	ng	# 70
25) Isophorone	7.363	82	619906	28.915	ng	# 65
32) Benzoic acid	8.081	122	57	7.875	ng	# 1
48) 2-Nitroaniline	9.275	65	455	3.255	ng	# 8
50) Dimethylphthalate	9.833	163	53899	3.020	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	33374	11.146	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	33374	9.957	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.627	198	528	8.966	ng	# 22
67) 4-Bromophenyl-phenylether	10.622	248	13649	3.109	ng	# 1

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

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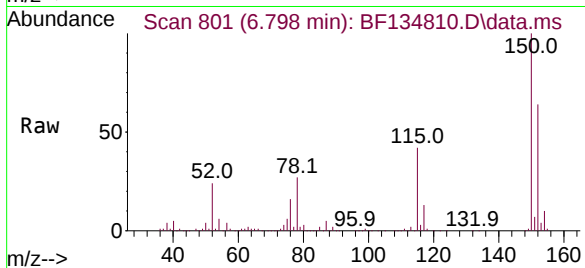
Quant Time: Aug 17 01:34:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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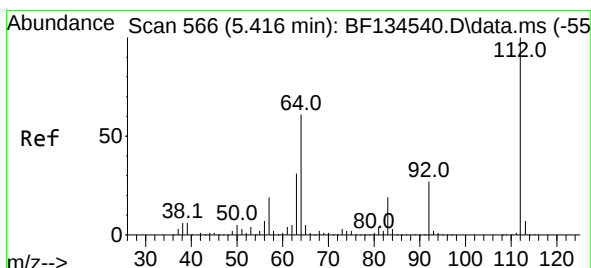
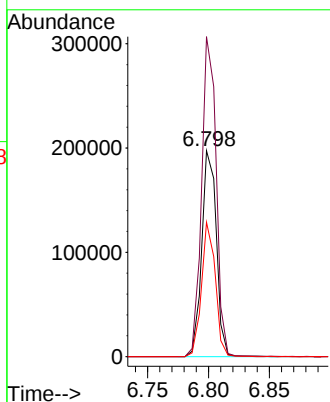
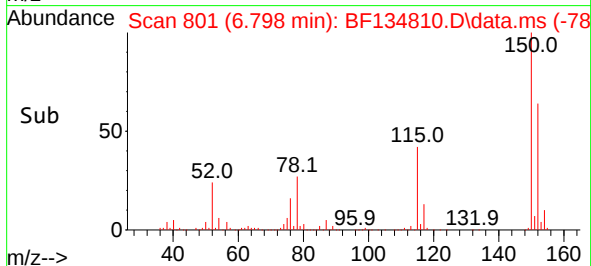


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

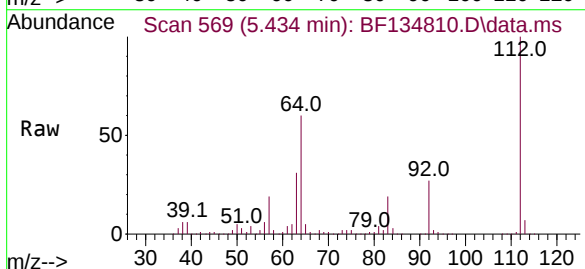
Instrument :
BNA_F
ClientSampleId :
TP-24



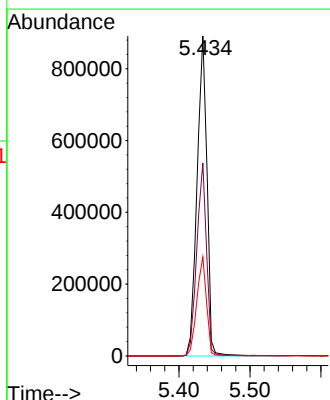
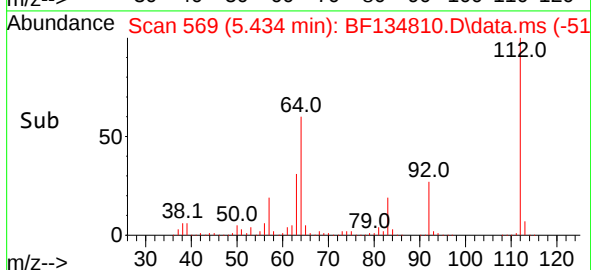
Tgt Ion:152 Resp: 164666
Ion Ratio Lower Upper
152 100
150 155.5 128.3 192.5
115 65.3 52.4 78.6

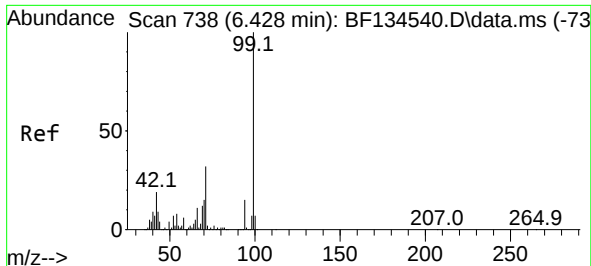


#5
2-Fluorophenol
Concen: 79.324 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54



Tgt Ion:112 Resp: 859281
Ion Ratio Lower Upper
112 100
64 60.3 44.9 67.3
63 30.9 25.4 38.0

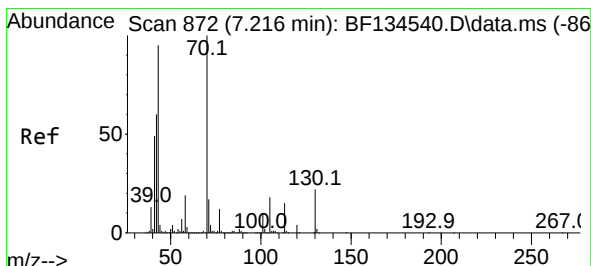
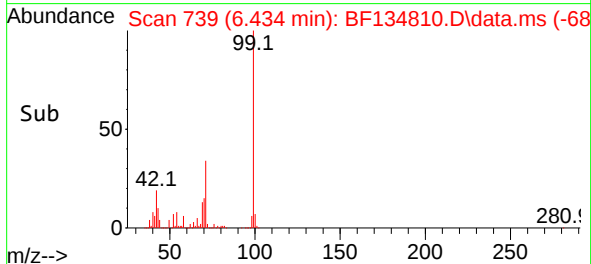
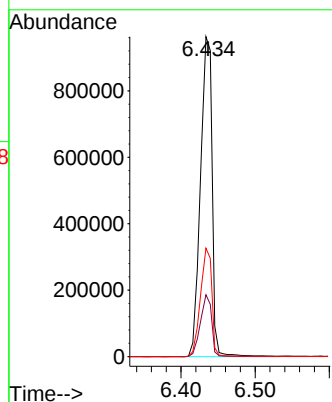
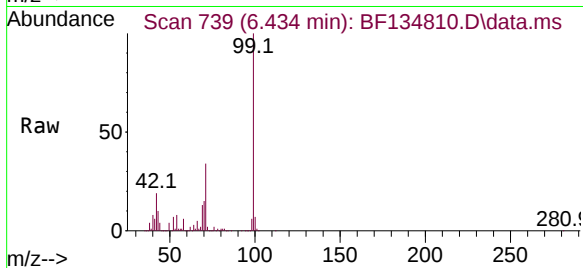




#7
Phenol-d6
Concen: 75.939 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

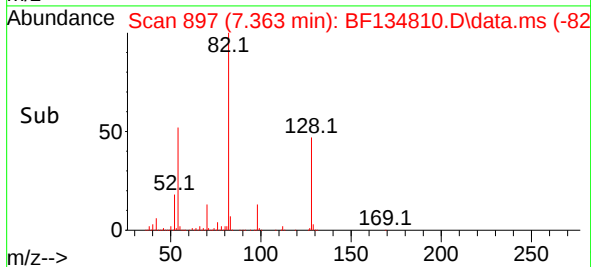
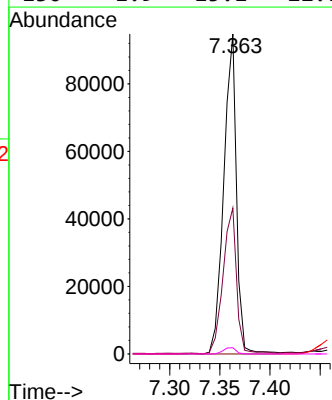
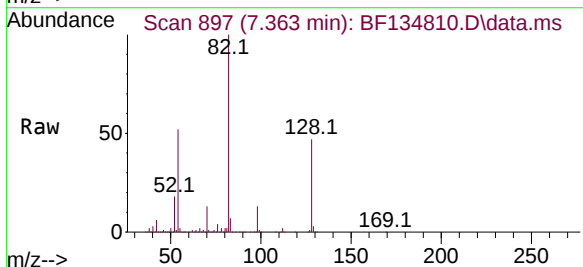
Instrument :
BNA_F
ClientSampleId :
TP-24

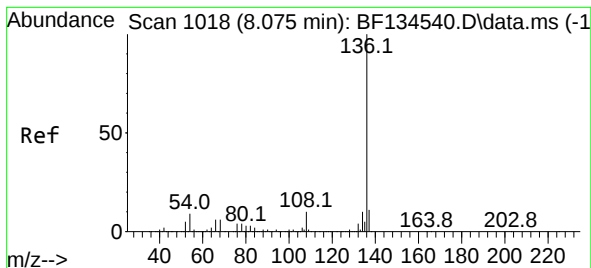
Tgt Ion: 99 Resp: 1051559
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 33.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.118 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

Tgt Ion: 70 Resp: 83889
Ion Ratio Lower Upper
70 100
42 45.6 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 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: BF134810.D

Acq: 16 Aug 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-24

Tgt Ion:136 Resp: 614263

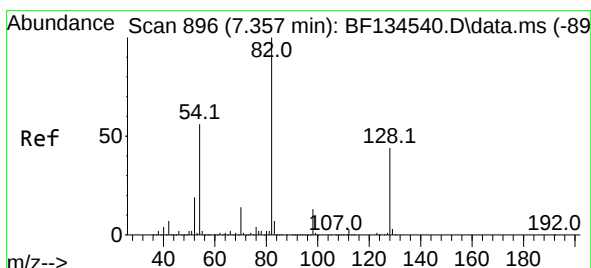
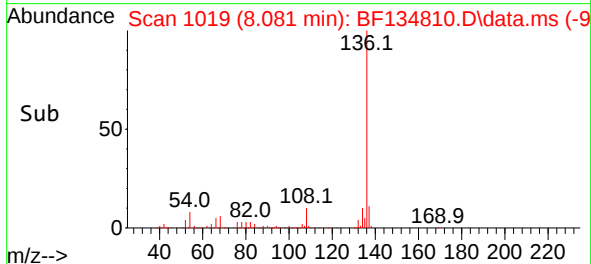
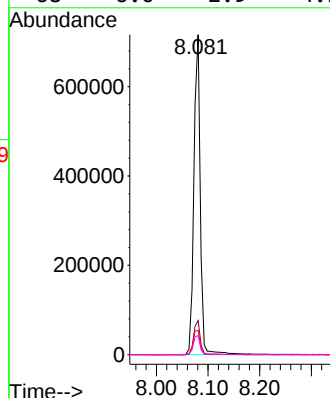
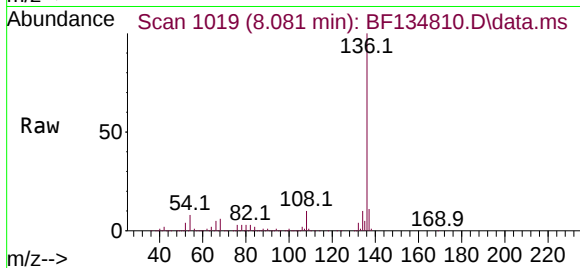
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.6 5.2 7.8

68 6.0 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 64.268 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

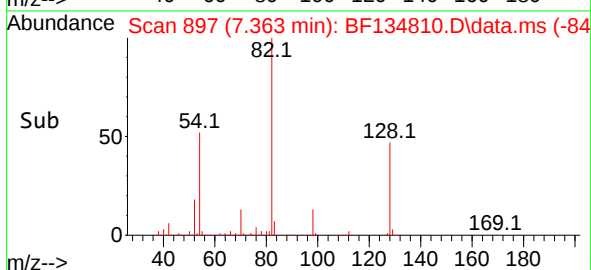
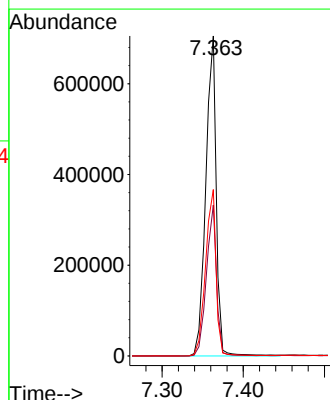
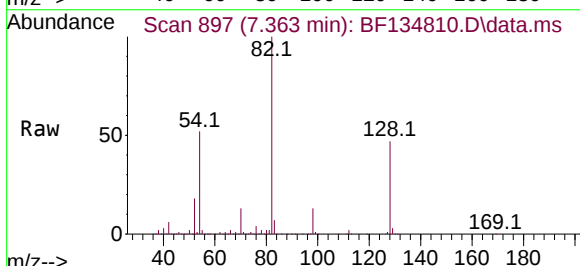
Tgt Ion: 82 Resp: 631715

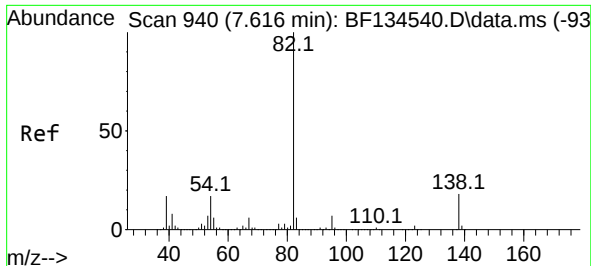
Ion Ratio Lower Upper

82 100

128 47.1 34.3 51.5

54 52.0 43.8 65.6

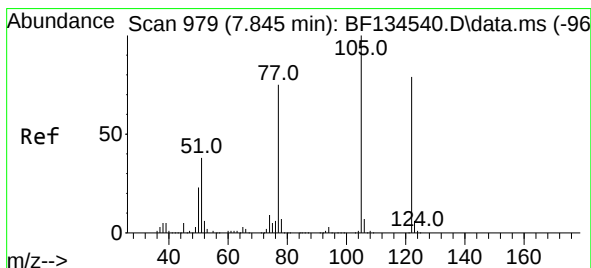
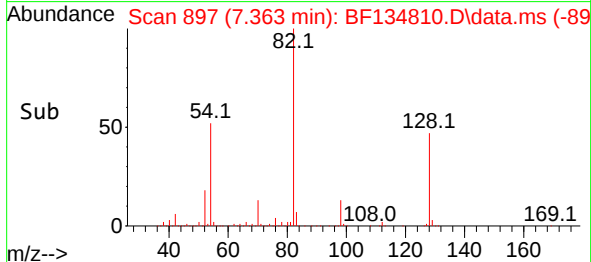
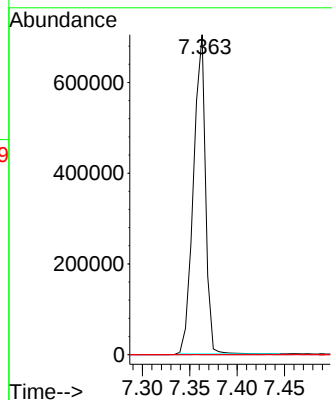
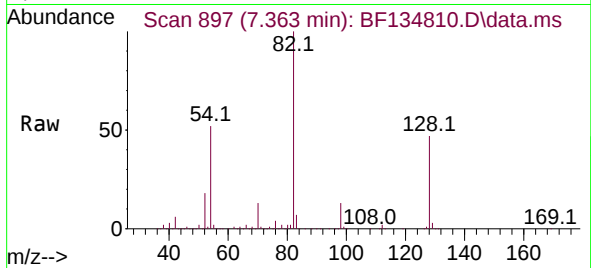




#25
Isophorone
Concen: 28.915 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

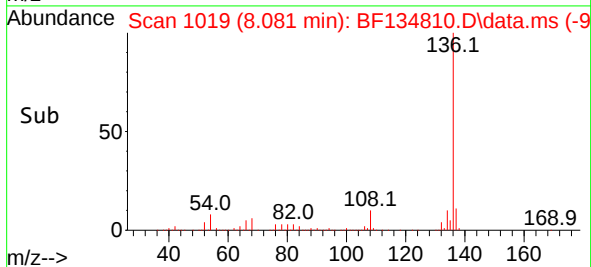
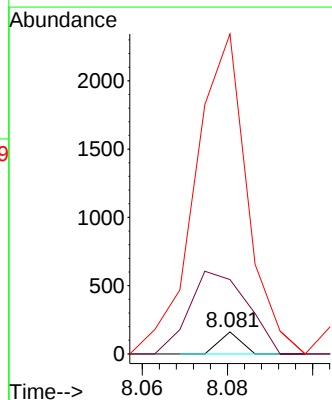
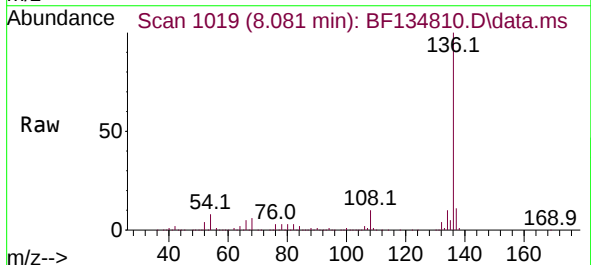
Instrument :
BNA_F
ClientSampleId :
TP-24

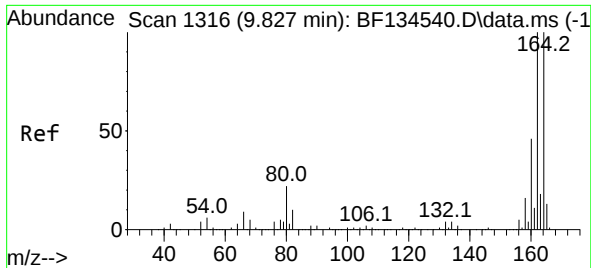
Tgt Ion: 82 Resp: 619906
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 336.4 87.5 127.5#
77 1446.9 71.4 111.4#

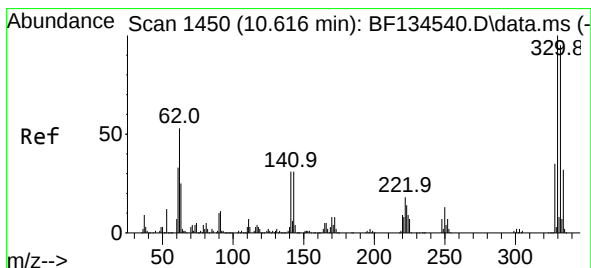
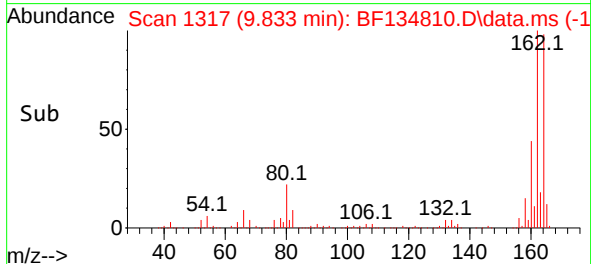
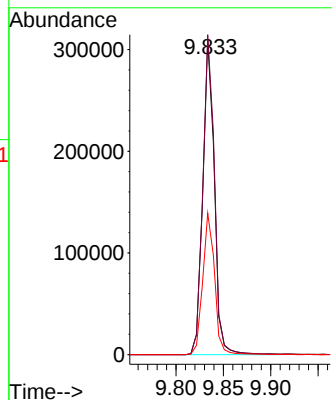
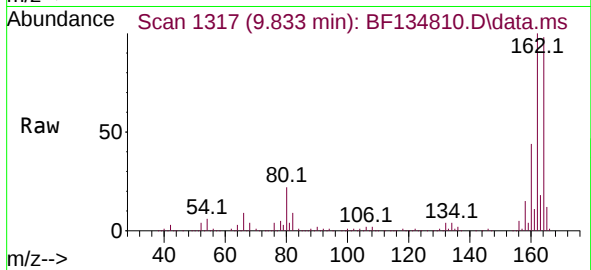




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

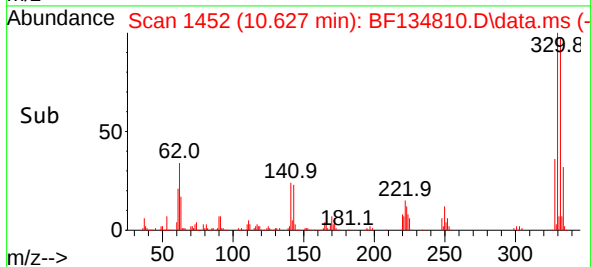
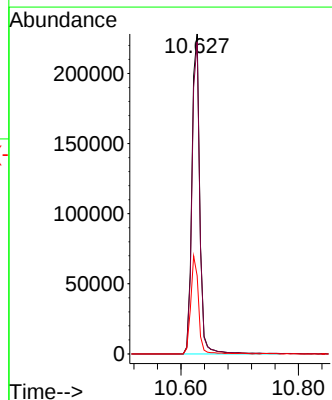
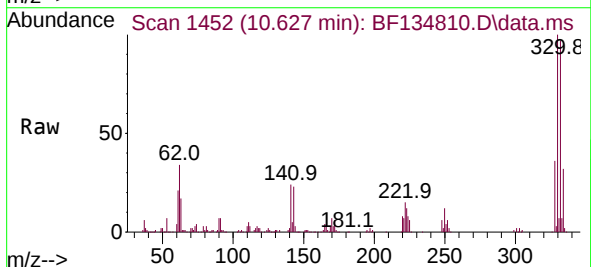
Instrument :
BNA_F
ClientSampleId :
TP-24

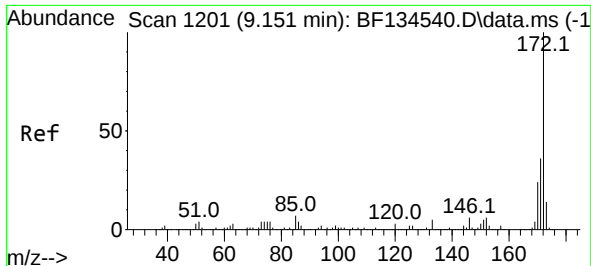
Tgt Ion:164 Resp: 261897
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 45.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 79.556 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

Tgt Ion:330 Resp: 212397
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 30.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 71.703 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-24

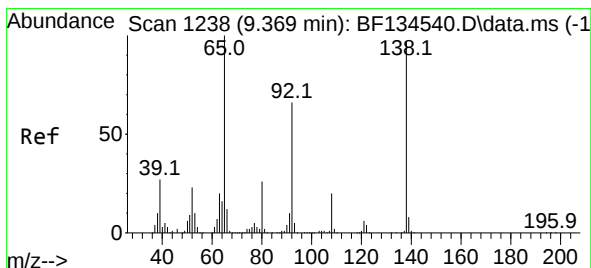
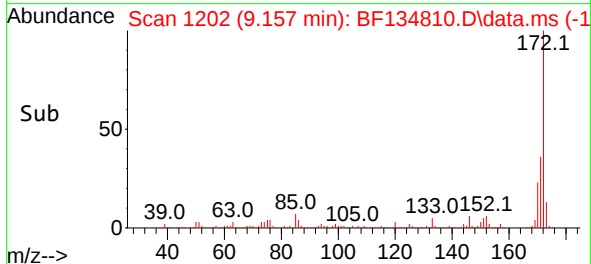
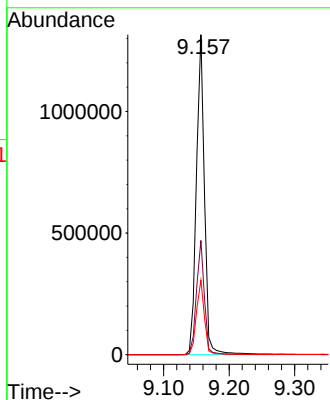
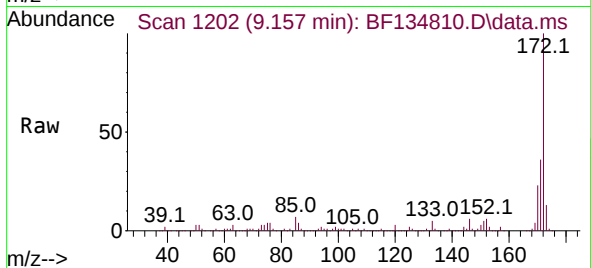
Tgt Ion:172 Resp: 1129427

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.255 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.106 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

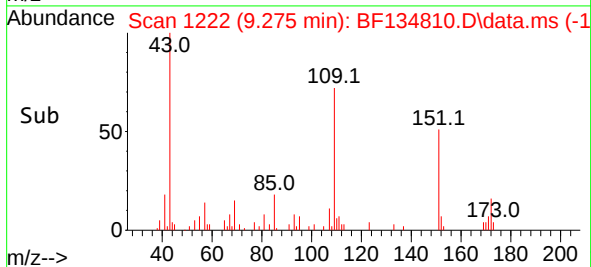
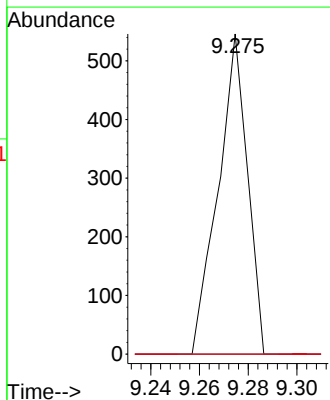
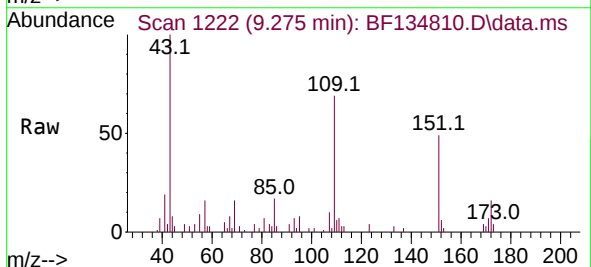
Tgt Ion: 65 Resp: 455

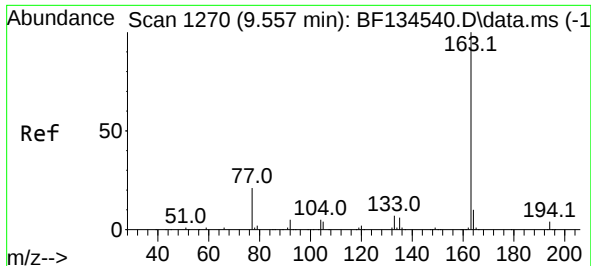
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

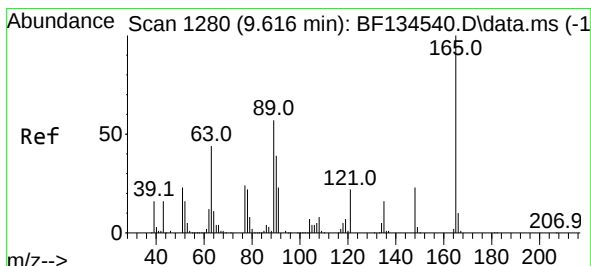
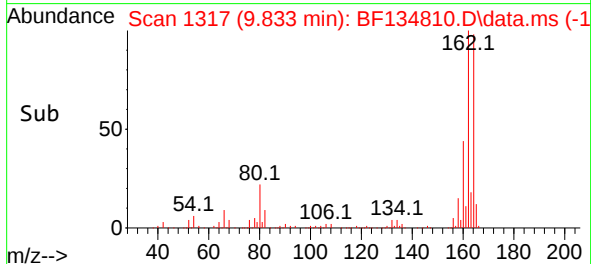
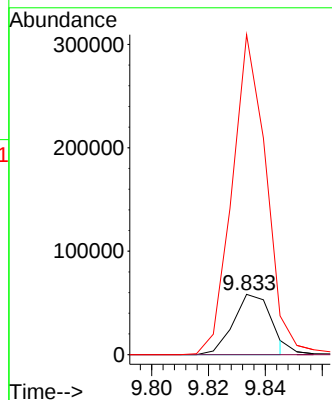
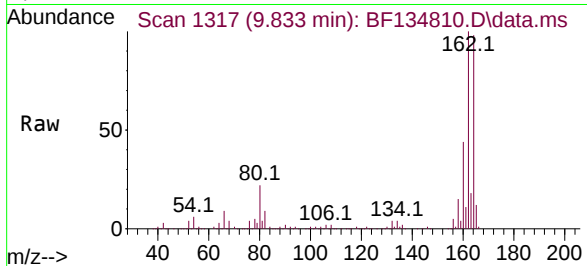




#50
Dimethylphthalate
Concen: 3.020 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

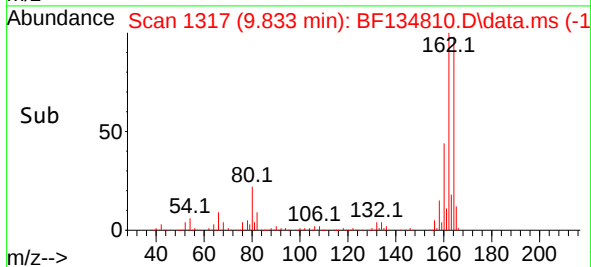
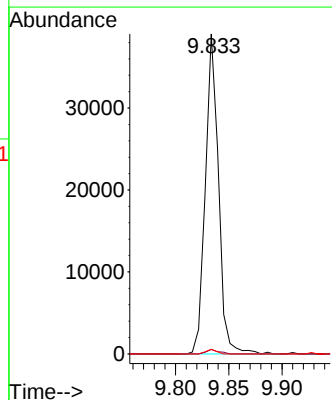
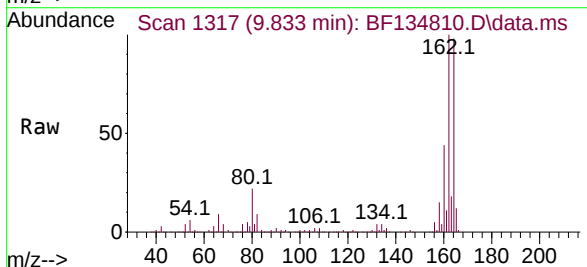
Instrument :
BNA_F
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TP-24

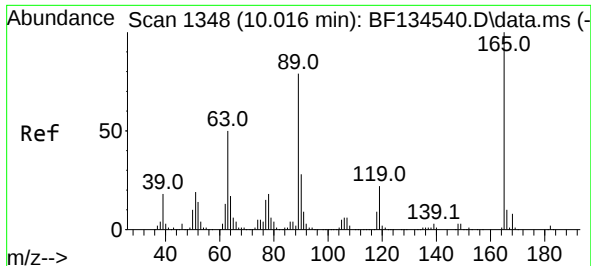
Tgt Ion:163 Resp: 53899
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 531.6 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.146 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

Tgt Ion:165 Resp: 33374
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.4 51.8 77.8#

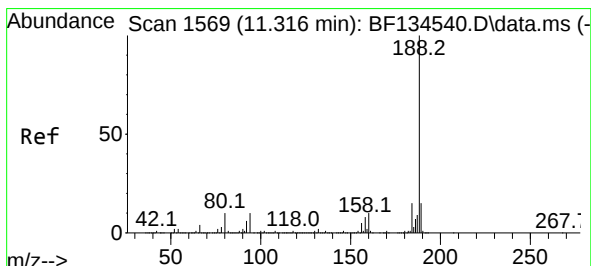
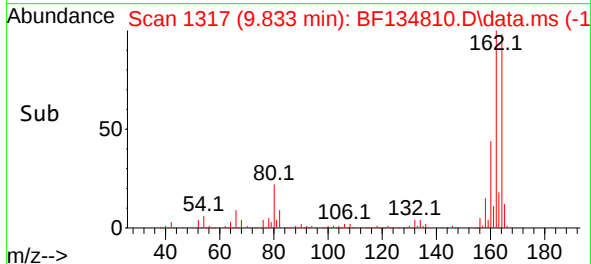
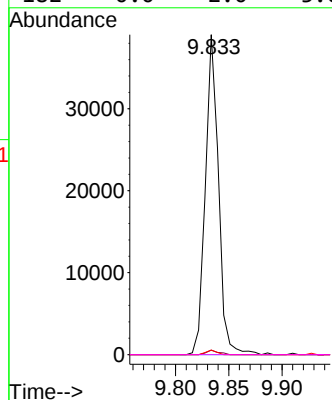
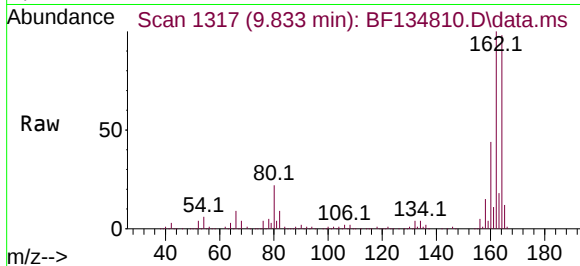




#57
2,4-Dinitrotoluene
Concen: 9.957 ng
RT: 9.833 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

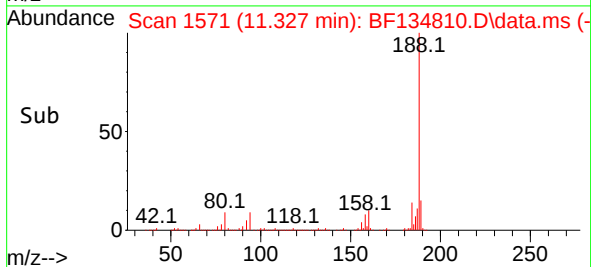
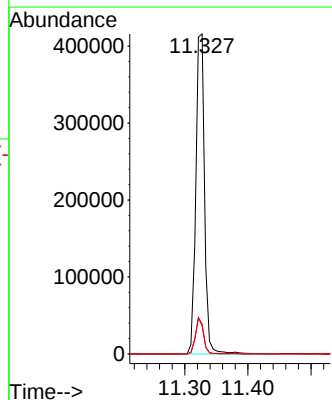
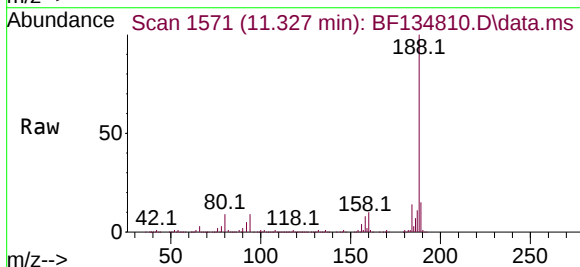
Instrument :
BNA_F
ClientSampleId :
TP-24

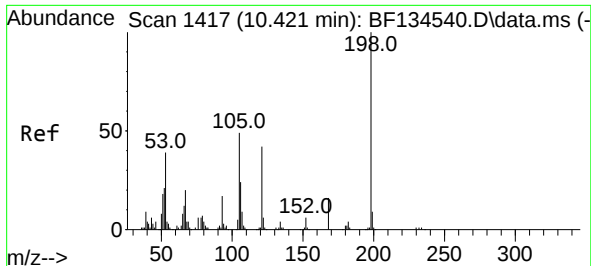
Tgt Ion:165 Resp: 33374
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

Tgt Ion:188 Resp: 401063
Ion Ratio Lower Upper
188 100
94 8.8 5.1 7.7#
80 9.3 6.6 9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 8.966 ng

RT: 10.627 min Scan# 1417

Delta R.T. 0.188 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-24

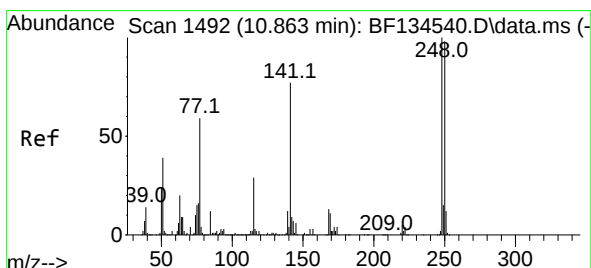
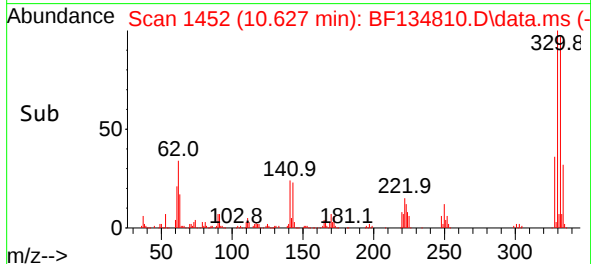
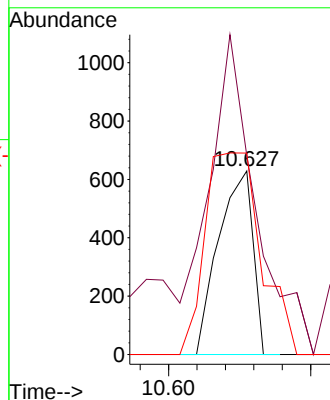
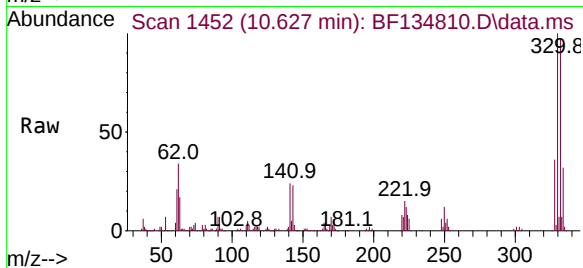
Tgt Ion:198 Resp: 528

Ion Ratio Lower Upper

198 100

51 108.4 38.6 78.6#

105 109.7 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 3.109 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

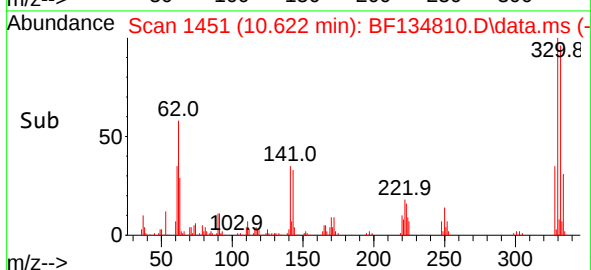
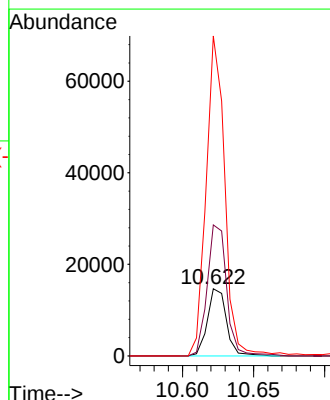
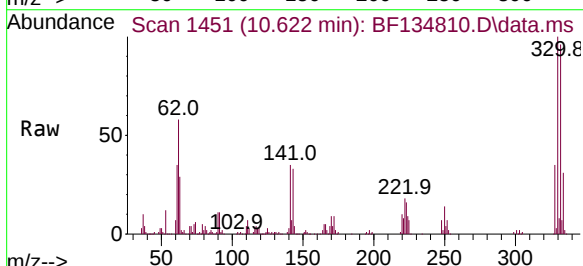
Tgt Ion:248 Resp: 13649

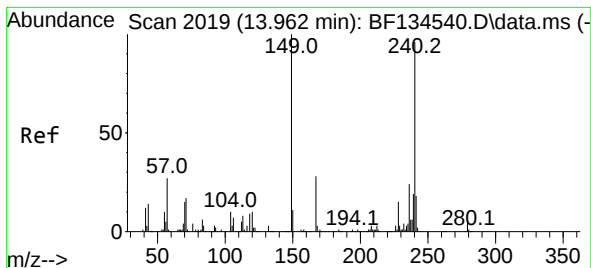
Ion Ratio Lower Upper

248 100

250 195.3 79.6 119.4#

141 477.1 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: BF134810.D

Acq: 16 Aug 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-24

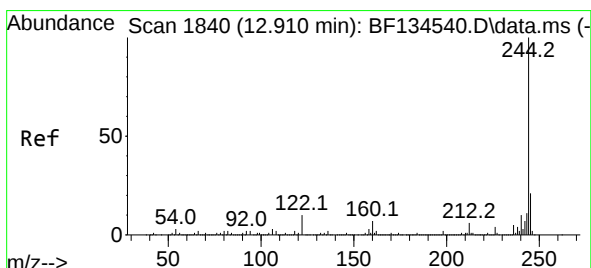
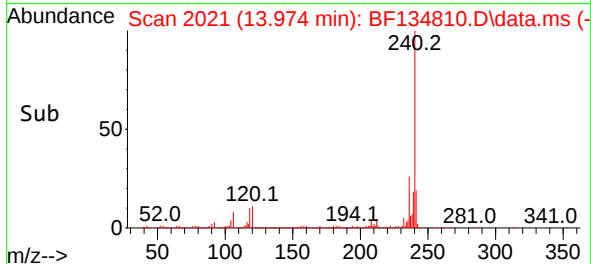
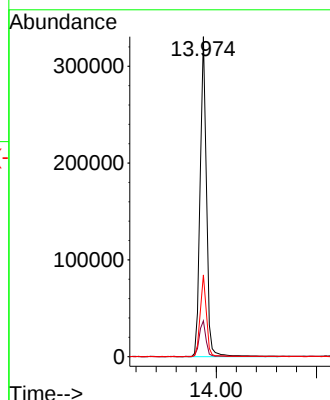
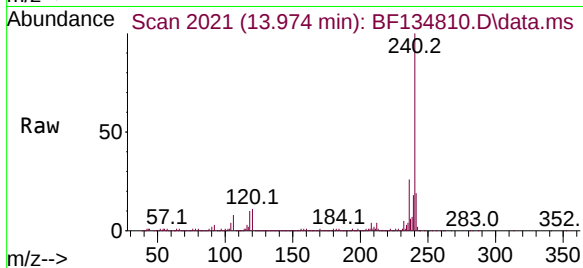
Tgt Ion:240 Resp: 289684

Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0#

236 25.5 20.2 30.2



#79

Terphenyl-d14

Concen: 64.242 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

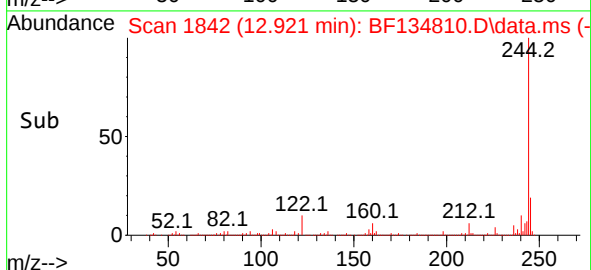
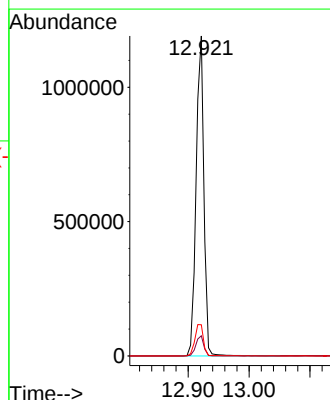
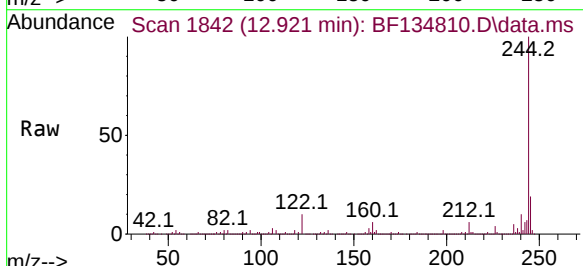
Tgt Ion:244 Resp: 1055663

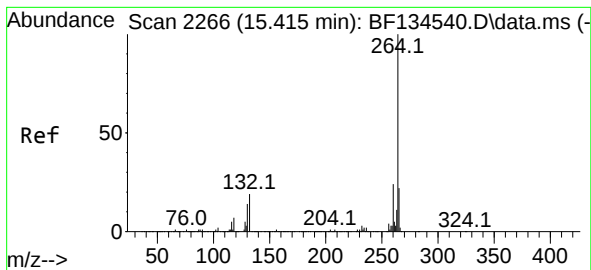
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 9.7 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: BF134810.D

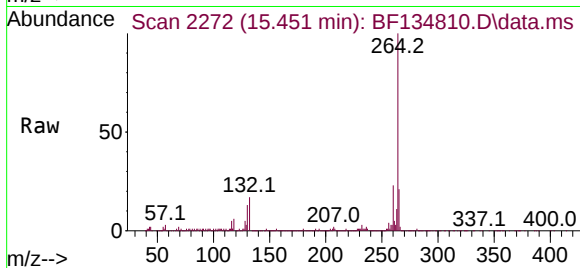
Acq: 16 Aug 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-24



Tgt Ion:264 Resp: 213288

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.4 15.8 23.8

