

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134646.D
 Acq On : 07 Aug 2023 10:52
 Operator : CG\JU
 Sample : 03891-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Aug 08 01:19:44 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)

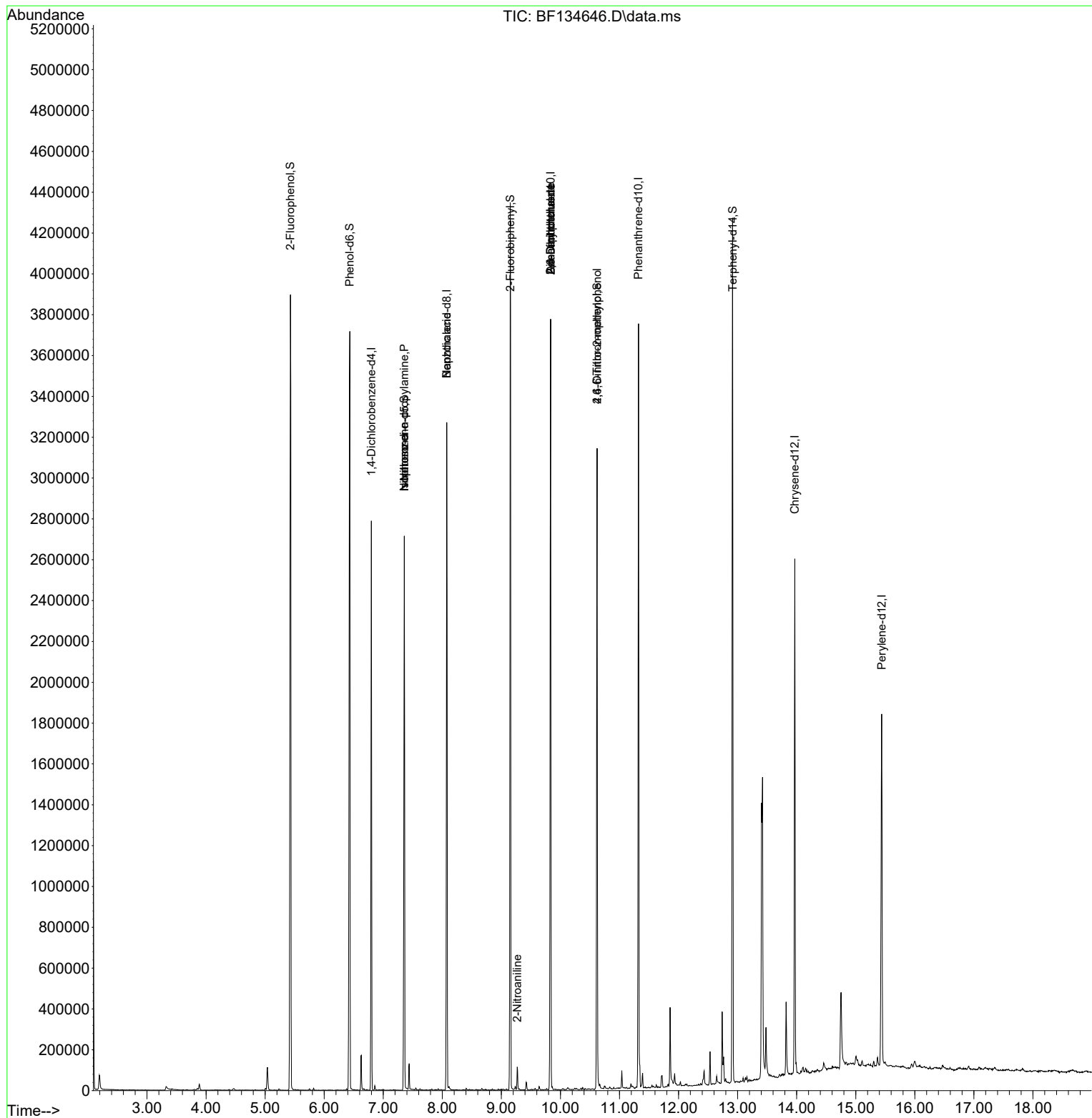
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	367738	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1432540	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	706410	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	1282727	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	782475	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	833725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1153223	47.670	ng	0.00
7) Phenol-d6	6.434	99	1442024	46.631	ng	0.00
23) Nitrobenzene-d5	7.357	82	855168	37.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	366448	50.887	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1381201	32.510	ng	-0.01
79) Terphenyl-d14	12.915	244	1436412	32.361	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	143	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	114934	6.208	ng	# 74
25) Isophorone	7.357	82	850358	17.008	ng	# 65
32) Benzoic acid	8.075	122	270	7.883	ng	# 1
48) 2-Nitroaniline	9.269	65	1180	3.252	ng	# 18
50) Dimethylphthalate	9.833	163	151742	3.152	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	92622	11.396	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	92622	10.163	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	822	8.829	ng	# 1

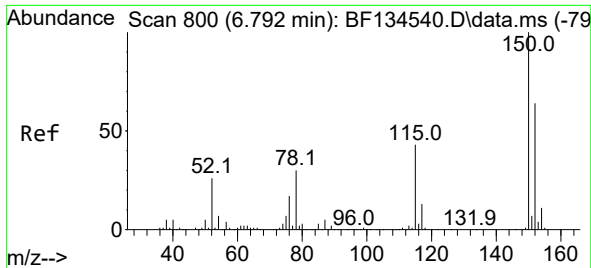
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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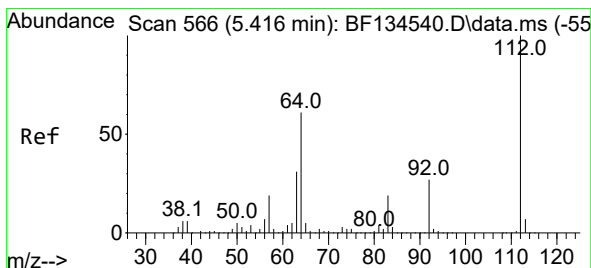
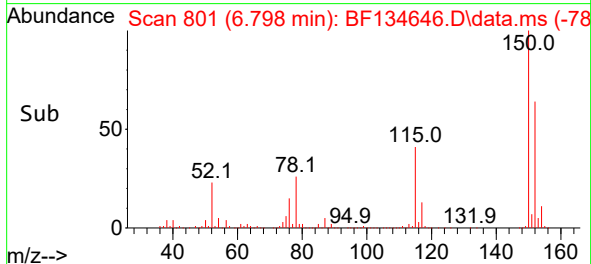
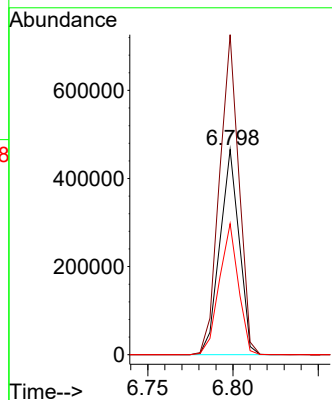
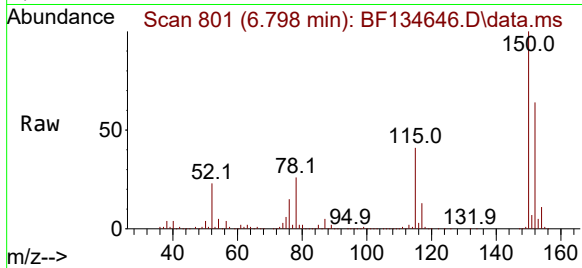




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134646.D
 Acq: 07 Aug 2023 10:52

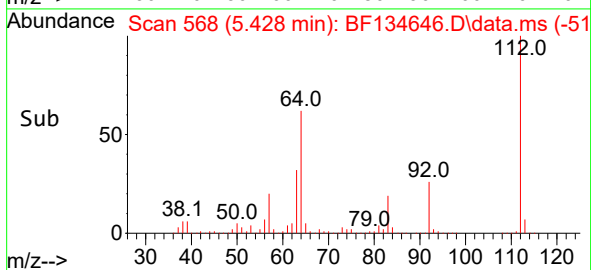
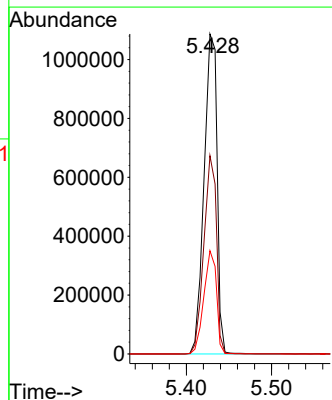
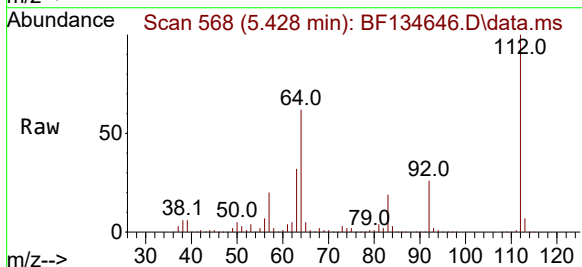
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

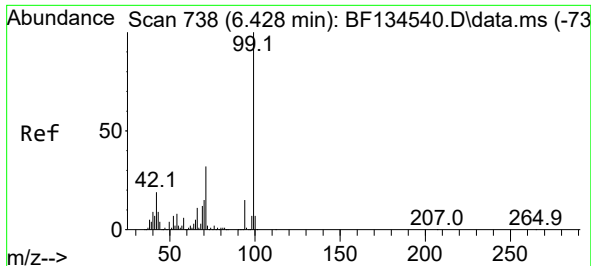
Tgt Ion:152 Resp: 367738
 Ion Ratio Lower Upper
 152 100
 150 155.9 128.3 192.5
 115 63.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 47.670 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF134646.D
 Acq: 07 Aug 2023 10:52

Tgt Ion:112 Resp: 1153223
 Ion Ratio Lower Upper
 112 100
 64 62.0 44.9 67.3
 63 32.2 25.4 38.0

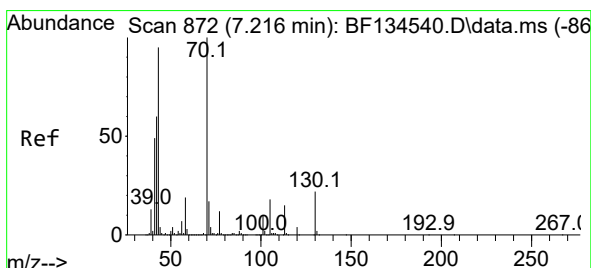
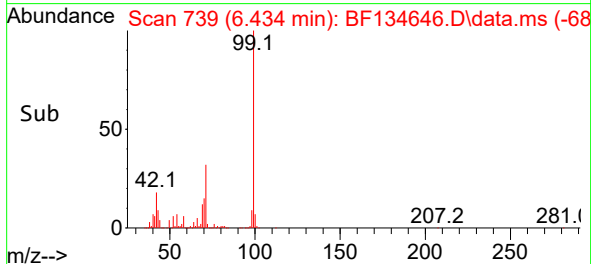
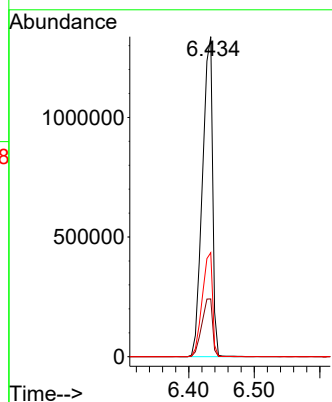
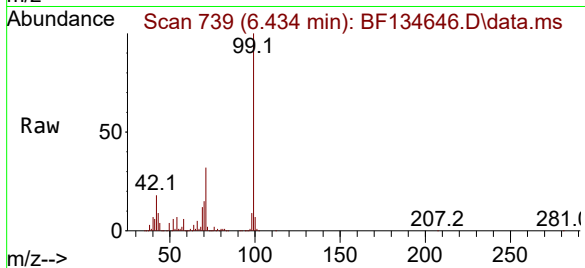




#7
Phenol-d6
Concen: 46.631 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

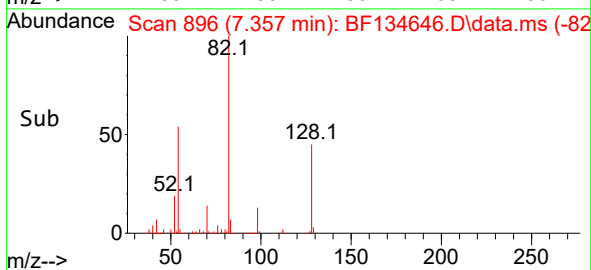
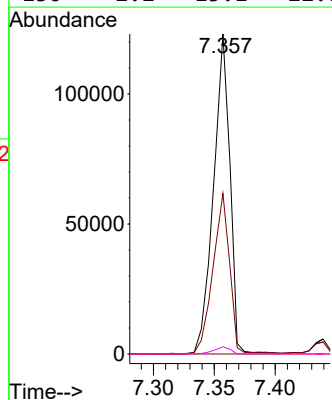
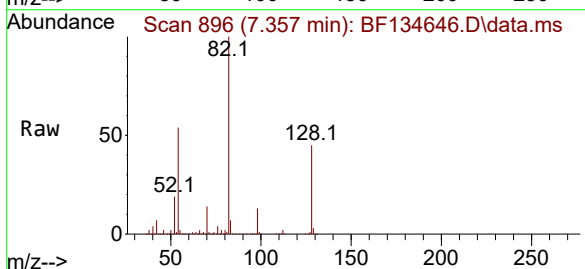
Instrument :
BNA_F
ClientSampleId :
TP-3

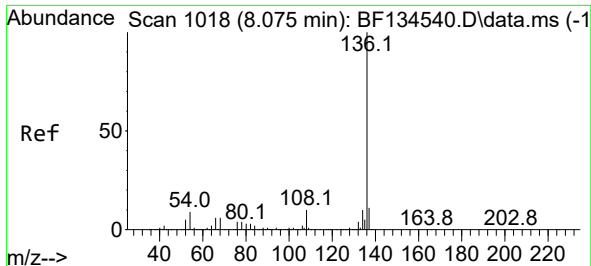
Tgt Ion: 99 Resp: 1442024
Ion Ratio Lower Upper
99 100
42 18.0 18.7 28.1#
71 32.5 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.208 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

Tgt Ion: 70 Resp: 114934
Ion Ratio Lower Upper
70 100
42 50.1 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion:136 Resp: 1432540

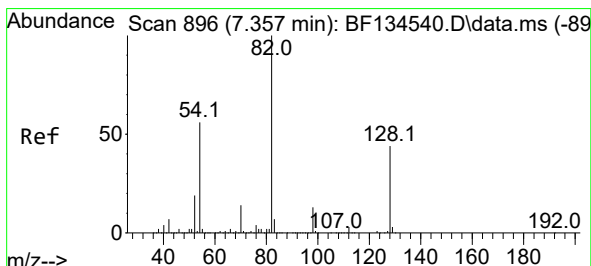
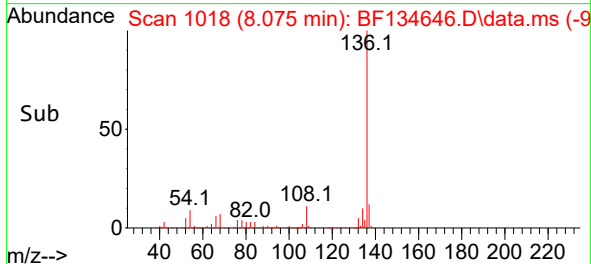
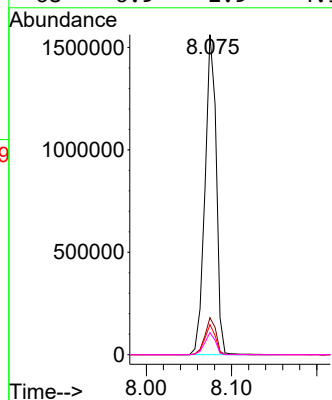
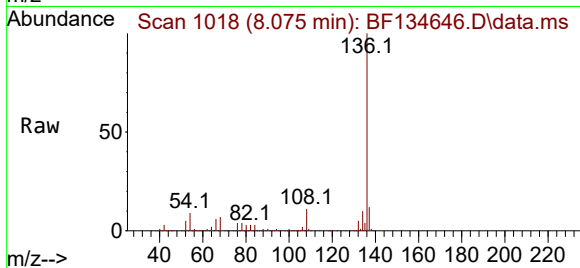
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.4 5.2 7.8#

68 6.9 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 37.306 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

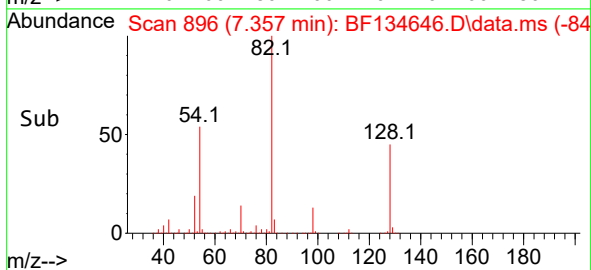
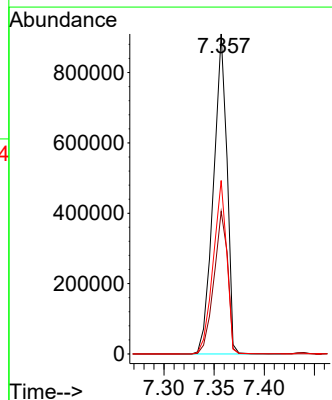
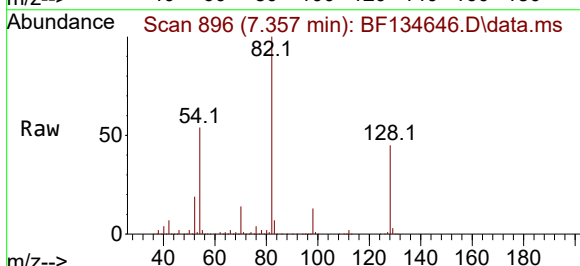
Tgt Ion: 82 Resp: 855168

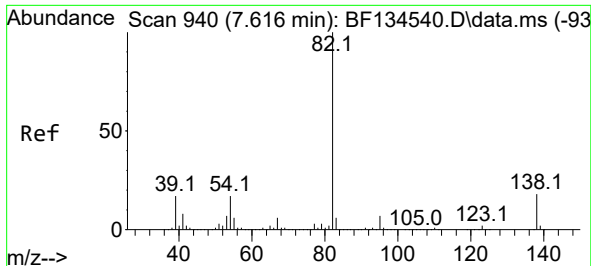
Ion Ratio Lower Upper

82 100

128 44.6 34.3 51.5

54 54.2 43.8 65.6

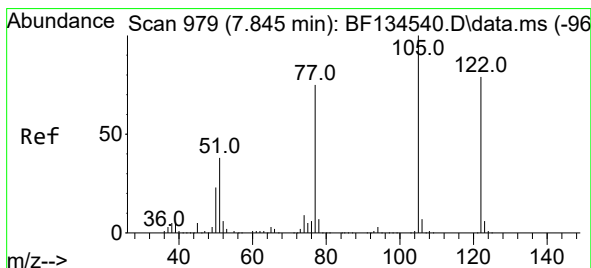
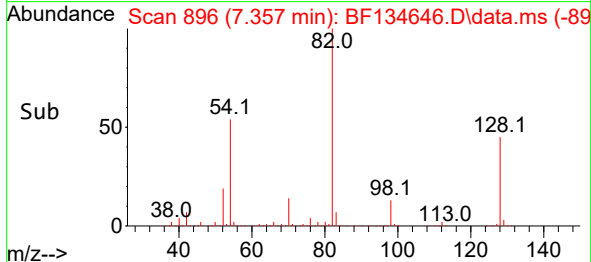
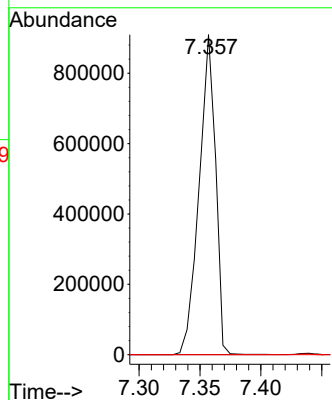
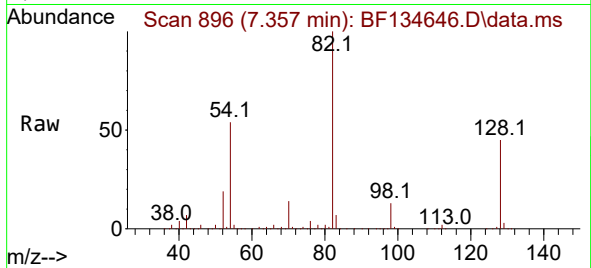




#25
Isophorone
Concen: 17.008 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

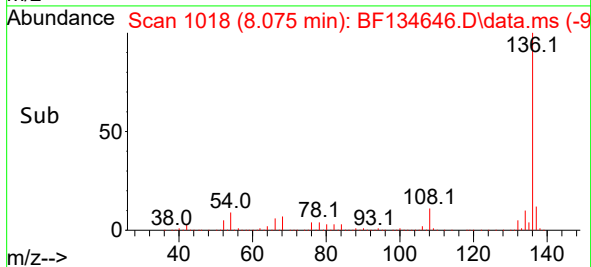
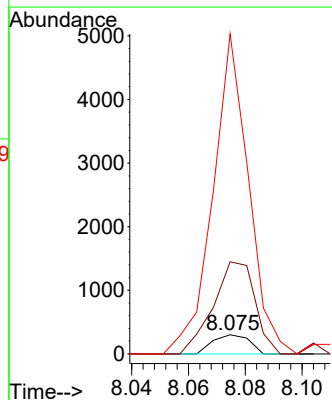
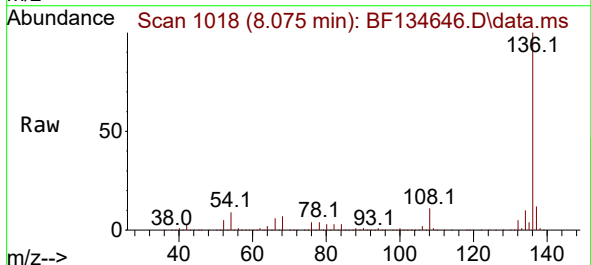
Instrument :
BNA_F
ClientSampleId :
TP-3

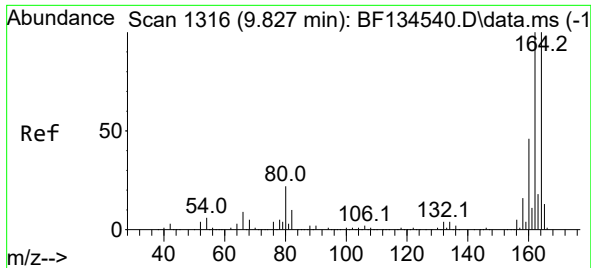
Tgt Ion: 82 Resp: 850358
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.883 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

Tgt Ion: 122 Resp: 270
Ion Ratio Lower Upper
122 100
105 477.9 87.5 127.5#
77 1660.1 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

Instrument :

BNA_F

ClientSampleId :

TP-3

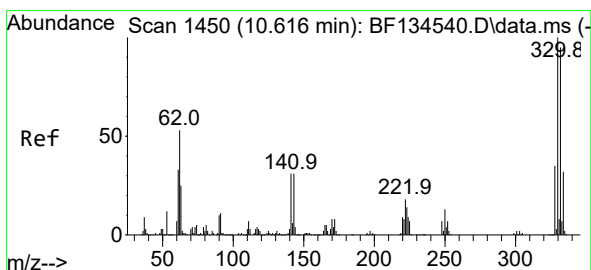
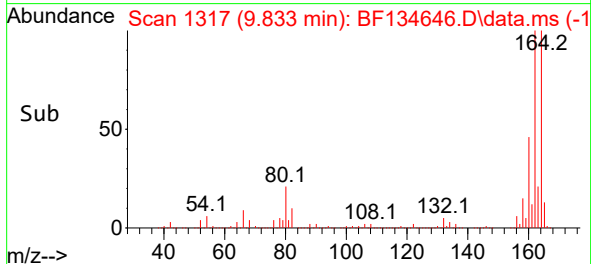
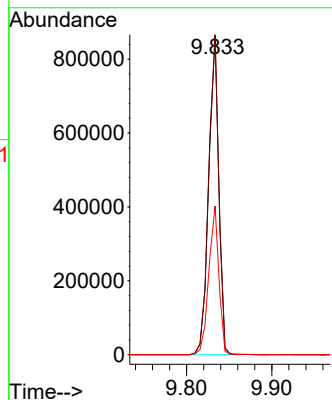
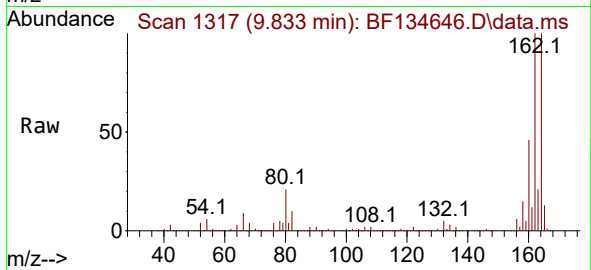
Tgt Ion:164 Resp: 706410

Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

160 46.7 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 50.887 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

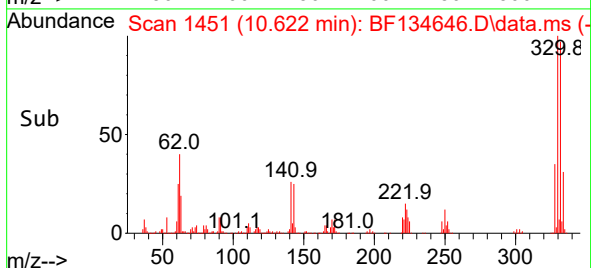
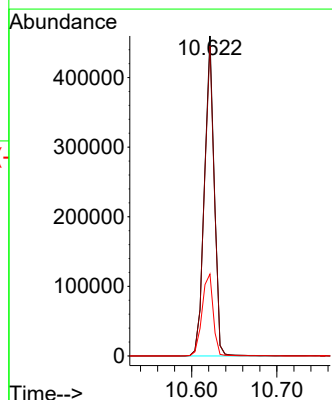
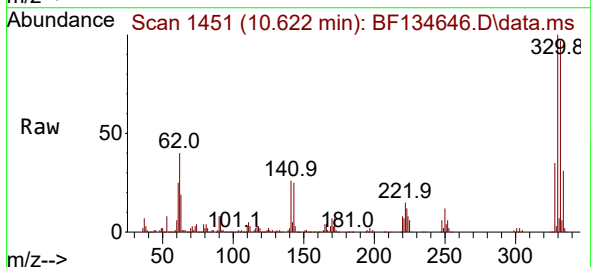
Tgt Ion:330 Resp: 366448

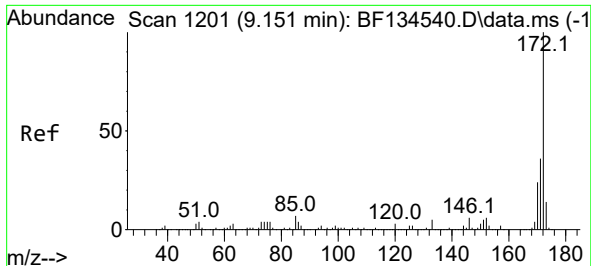
Ion Ratio Lower Upper

330 100

332 98.3 78.8 118.2

141 29.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 32.510 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

Instrument :

BNA_F

ClientSampleId :

TP-3

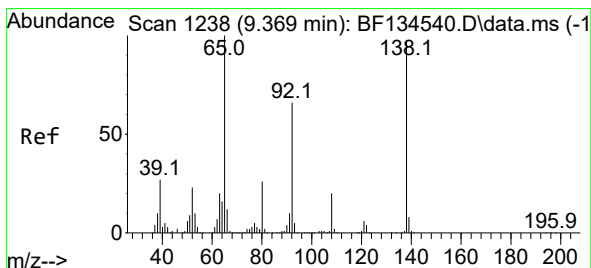
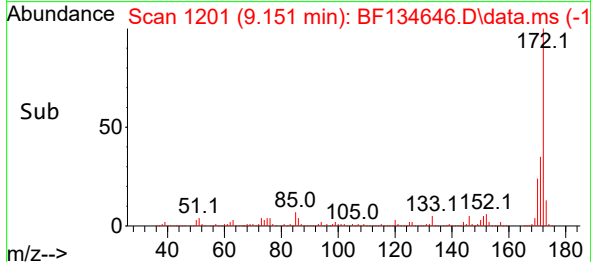
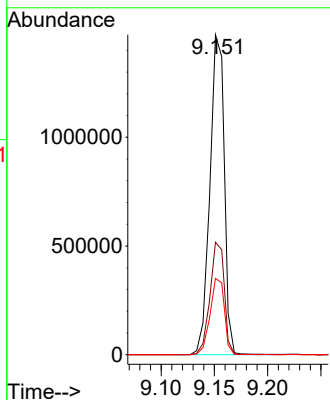
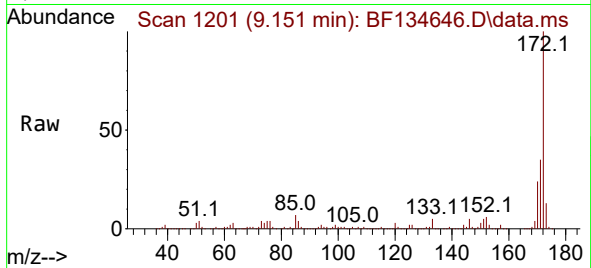
Tgt Ion:172 Resp: 1381201

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.8 18.7 28.1



#48

2-Nitroaniline

Concen: 3.252 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

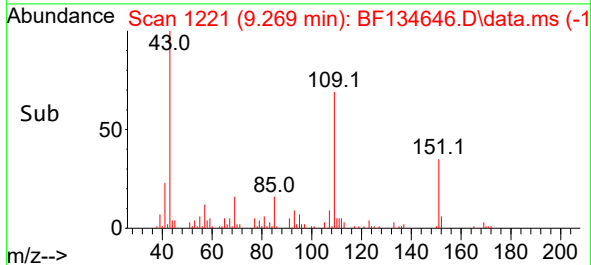
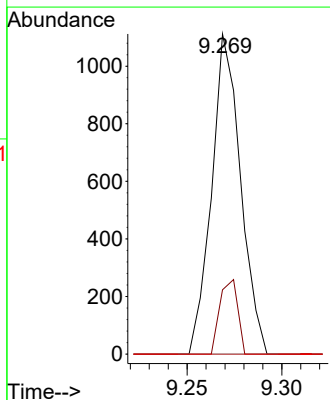
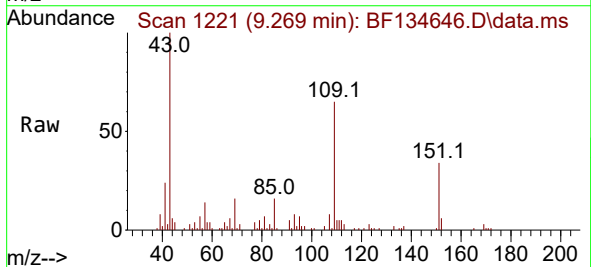
Tgt Ion: 65 Resp: 1180

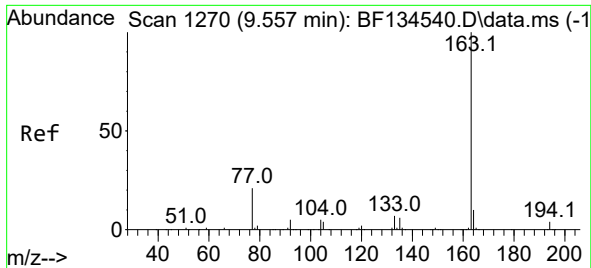
Ion Ratio Lower Upper

65 100

92 20.1 50.7 76.1#

138 0.0 78.2 117.4#

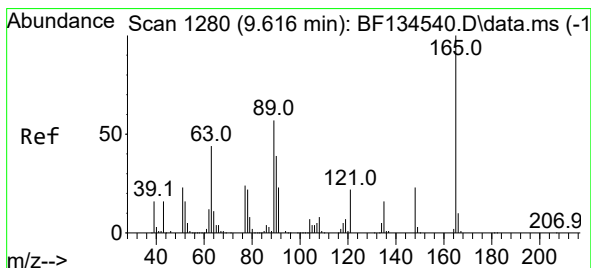
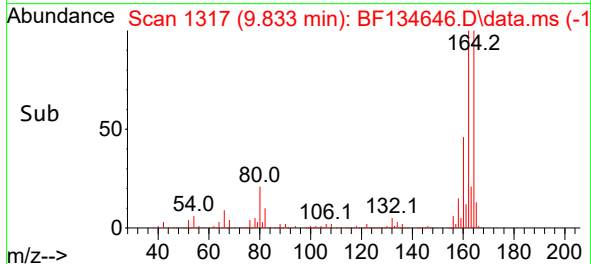
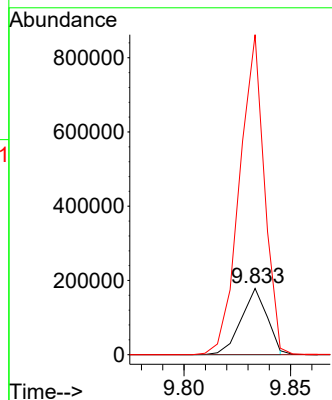
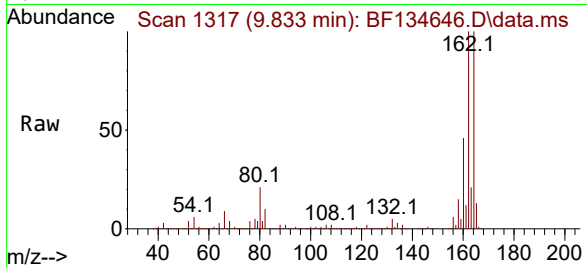




#50
Dimethylphthalate
Concen: 3.152 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

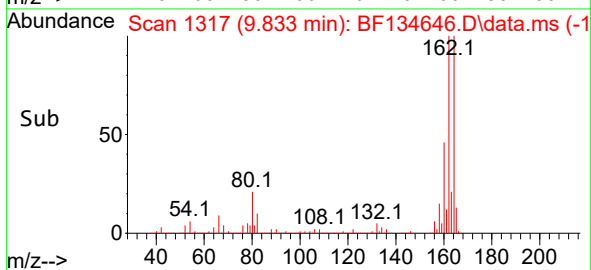
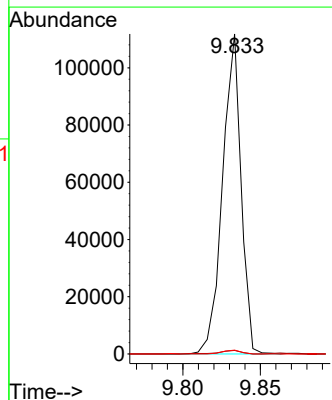
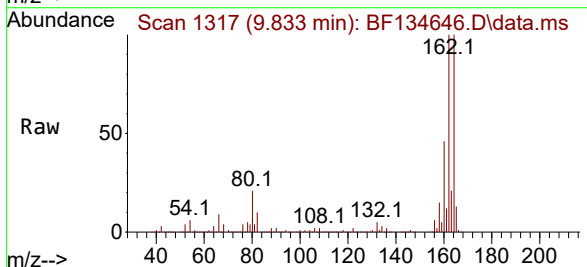
Instrument :
BNA_F
ClientSampleId :
TP-3

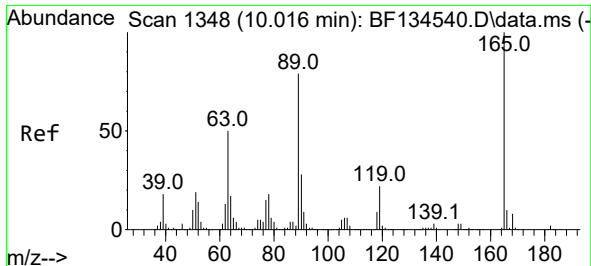
Tgt Ion:163 Resp: 151742
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 483.0 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.396 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

Tgt Ion:165 Resp: 92622
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.2 51.8 77.8#

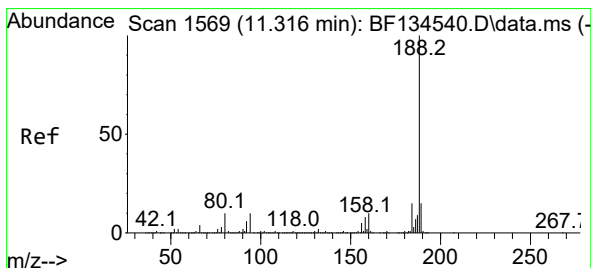
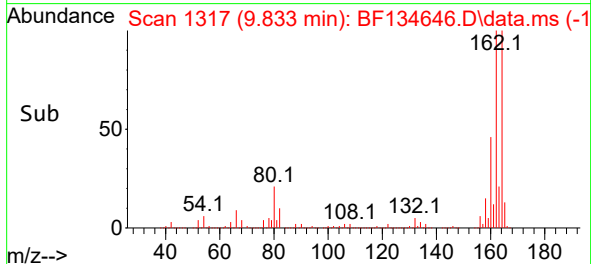
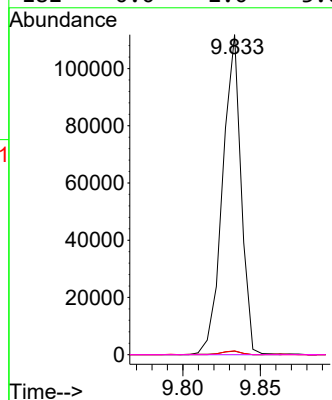
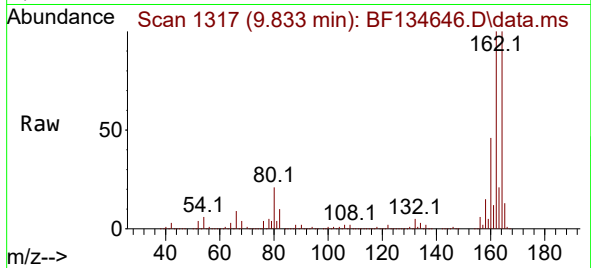




#57
2,4-Dinitrotoluene
Concen: 10.163 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

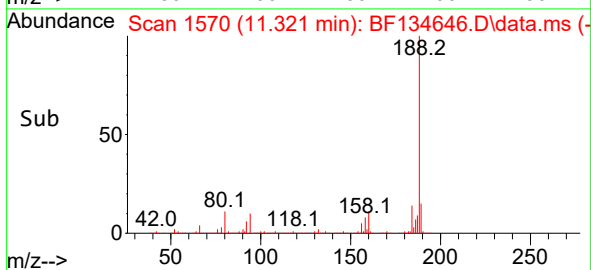
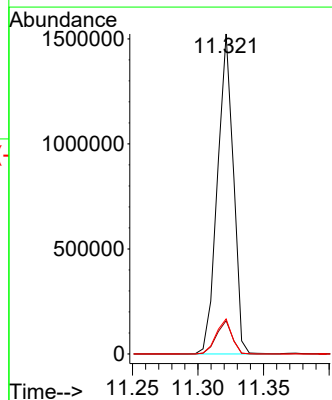
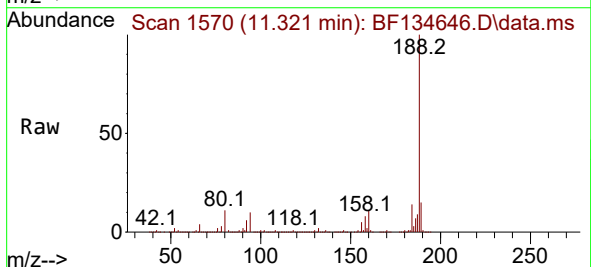
Instrument :
BNA_F
ClientSampleId :
TP-3

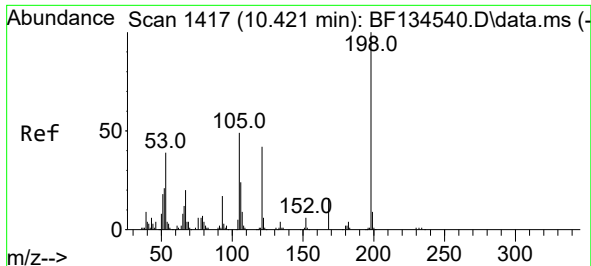
Tgt Ion:165 Resp: 92622
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

Tgt Ion:188 Resp: 1282727
Ion Ratio Lower Upper
188 100
94 10.4 5.1 7.7#
80 10.9 6.6 9.8#

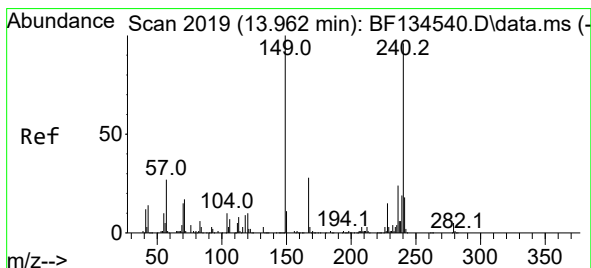
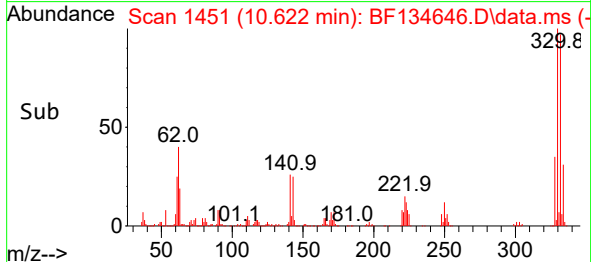
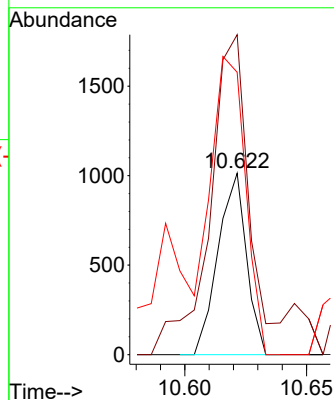
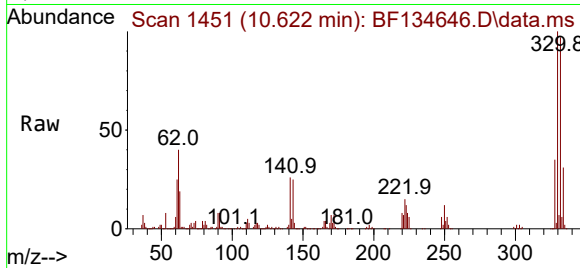




#65
4,6-Dinitro-2-methylphenol
Concen: 8.829 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

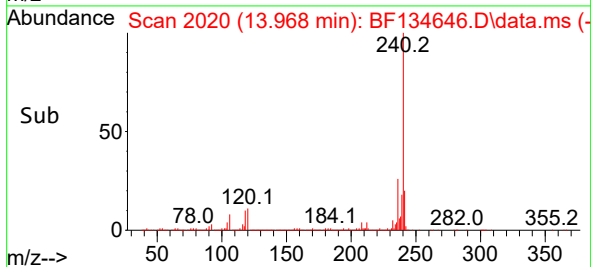
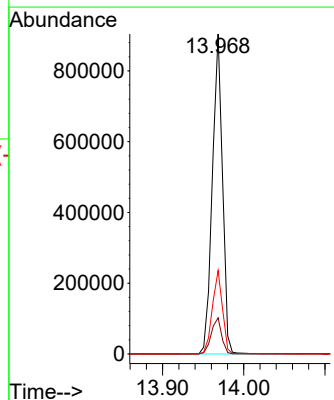
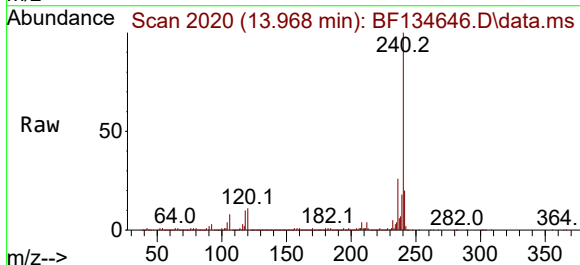
Instrument :
BNA_F
ClientSampleId :
TP-3

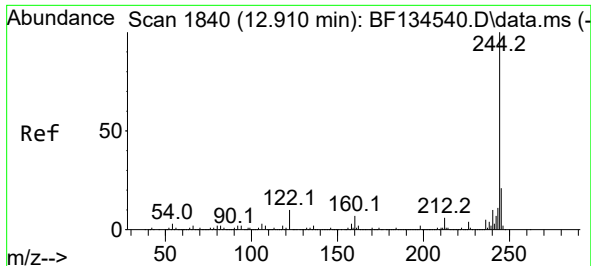
Tgt Ion:198 Resp: 822
Ion Ratio Lower Upper
198 100
51 176.3 38.6 78.6#
105 155.6 27.9 67.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

Tgt Ion:240 Resp: 782475
Ion Ratio Lower Upper
240 100
120 11.3 6.6 10.0#
236 26.1 20.2 30.2

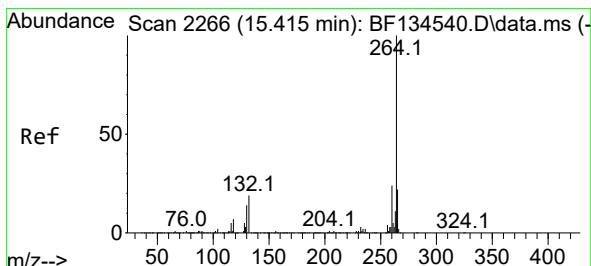
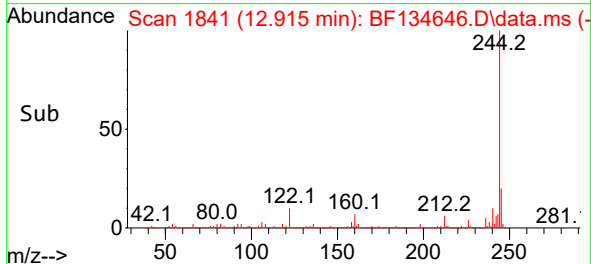
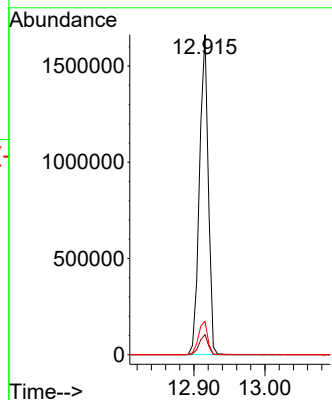
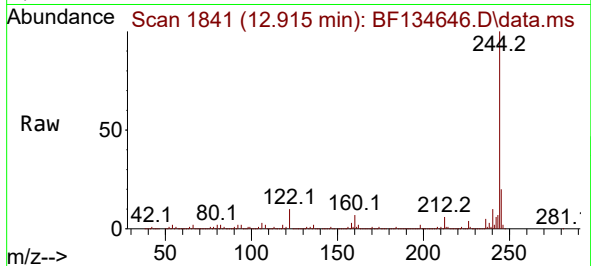




#79
 Terphenyl-d14
 Concen: 32.361 ng
 RT: 12.915 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134646.D
 Acq: 07 Aug 2023 10:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1436412
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF134646.D
 Acq: 07 Aug 2023 10:52

Tgt Ion:264 Resp: 833725
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 22.0 15.8 23.8

