

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134818.D
 Acq On : 17 Aug 2023 11:43
 Operator : CG\JU
 Sample : PB154866BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154866BL

Quant Time: Aug 18 01:04:30 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

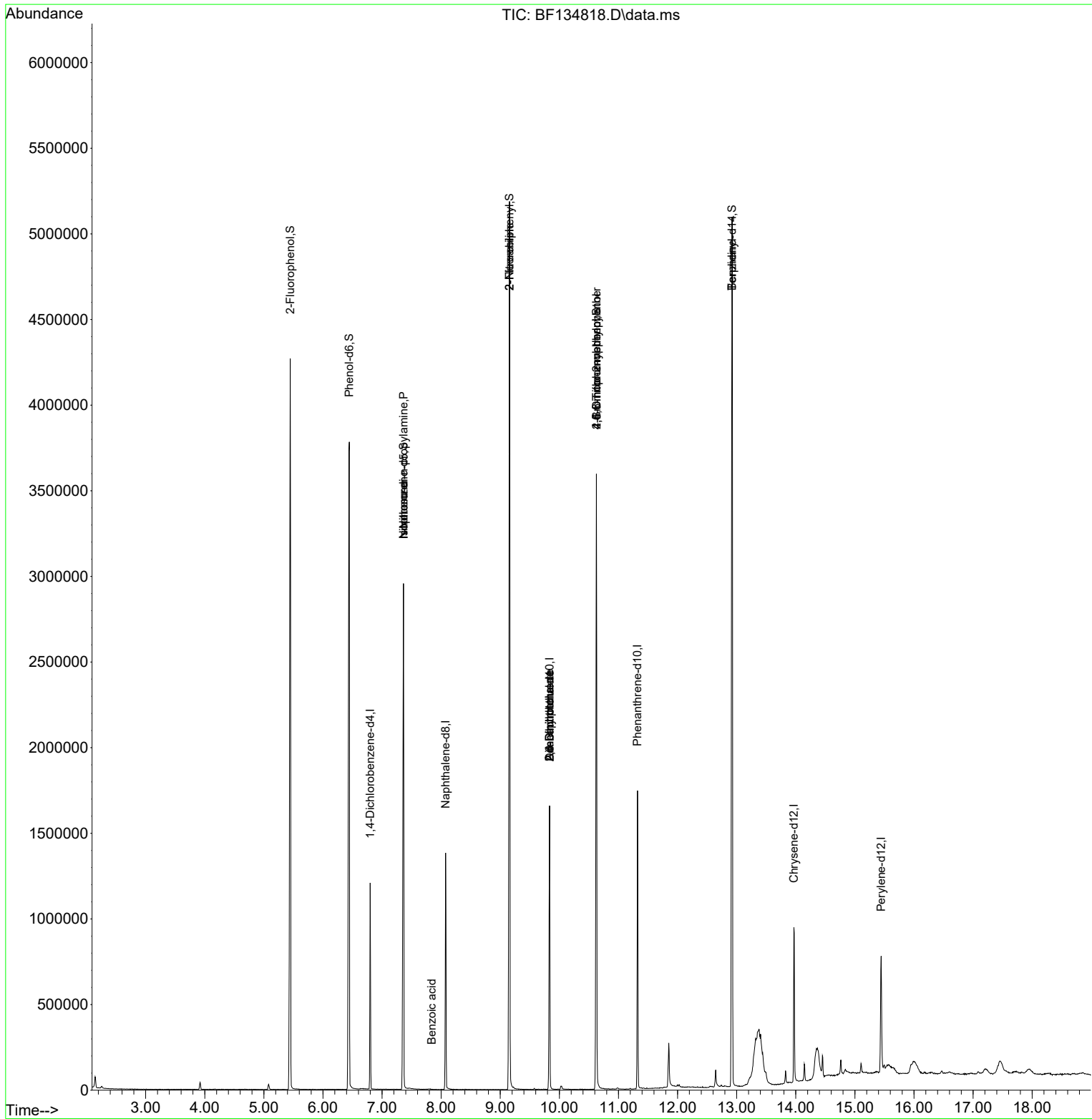
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

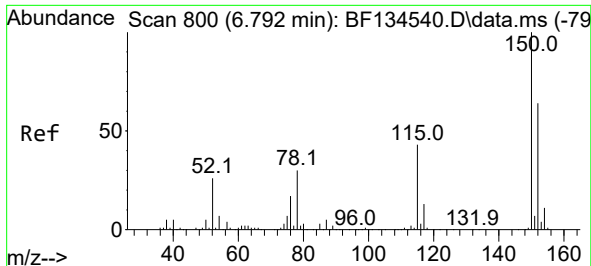
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153447	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	622132	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	326058	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	609711	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	334389	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	367965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1386107	137.313	ng	0.02
7) Phenol-d6	6.445	99	1717695	133.114	ng	0.00
23) Nitrobenzene-d5	7.363	82	1115201	112.021	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	542741	163.287	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1954049	99.644	ng	0.00
79) Terphenyl-d14	12.921	244	2240325	118.108	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.440	77	2533	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	149722	19.379	ng	# 74
25) Isophorone	7.363	82	1103585	50.825	ng	# 65
32) Benzoic acid	7.839	122	54	7.874	ng	# 1
48) 2-Nitroaniline	9.157	65	3249	3.678	ng	# 1
50) Dimethylphthalate	9.833	163	66508	2.993	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	41782	11.195	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	41782	9.997	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.628	198	1295	9.129	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	34191	5.123	ng	# 1
77) Benzidine	12.921	184	27354	3.768	ng	# 94

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

PB154866BL

Response via : Initial Calibration

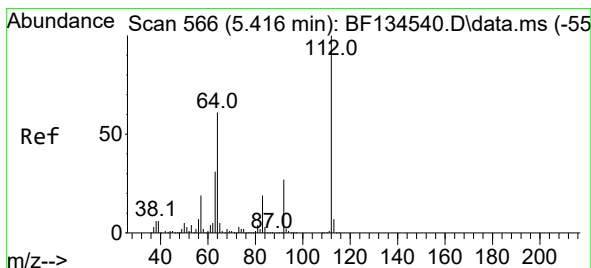
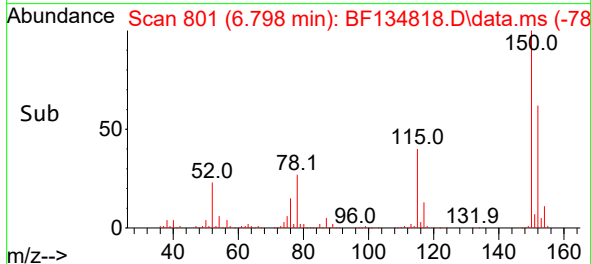
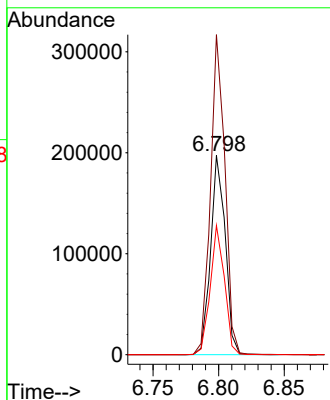
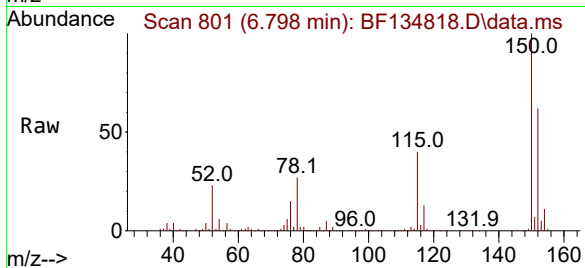




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

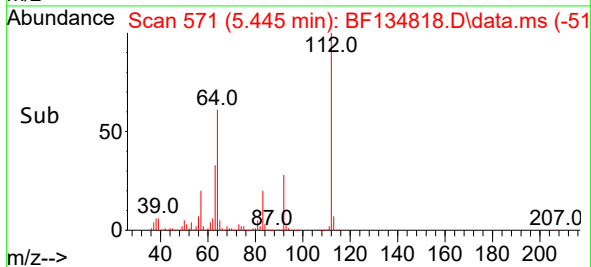
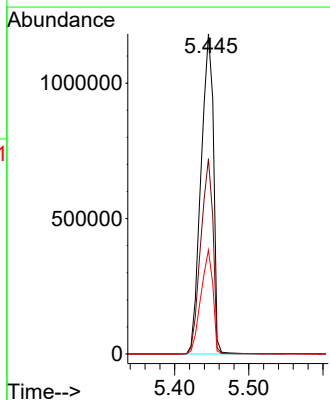
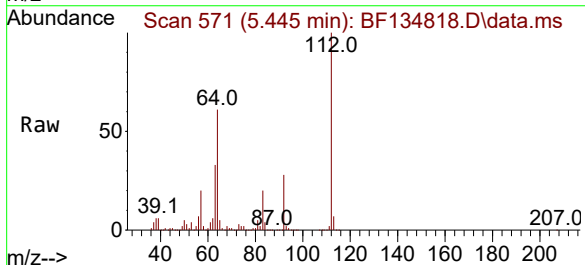
Instrument :
BNA_F
ClientSampleId :
PB154866BL

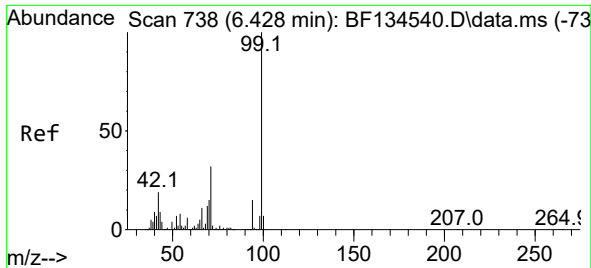
Tgt Ion:152 Resp: 153447
Ion Ratio Lower Upper
152 100
150 160.7 128.3 192.5
115 64.8 52.4 78.6



#5
2-Fluorophenol
Concen: 137.313 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion:112 Resp: 1386107
Ion Ratio Lower Upper
112 100
64 61.0 44.9 67.3
63 32.5 25.4 38.0

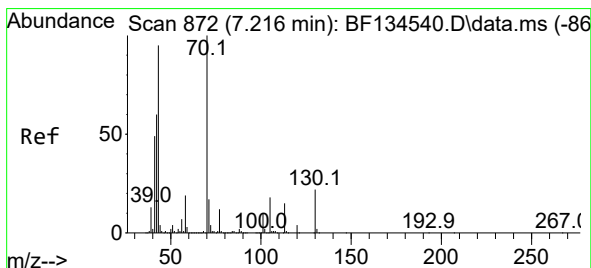
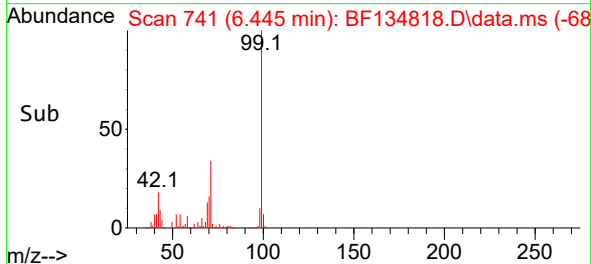
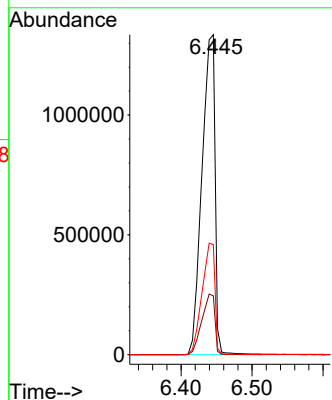
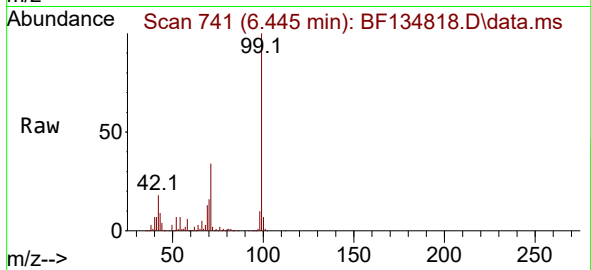




#7
Phenol-d6
Concen: 133.114 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

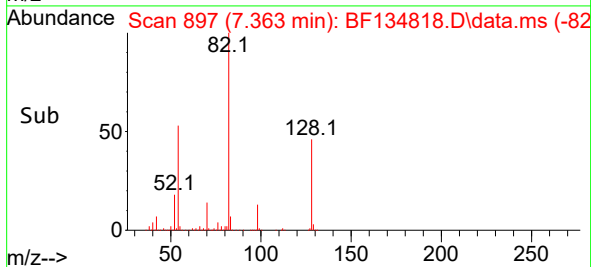
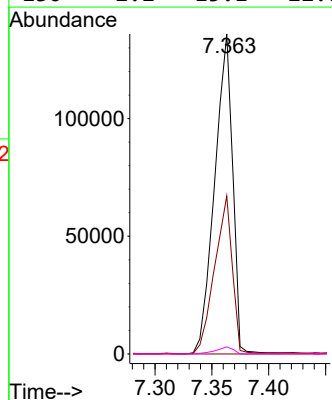
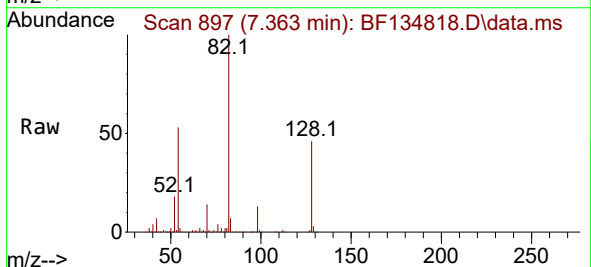
Instrument :
BNA_F
ClientSampleId :
PB154866BL

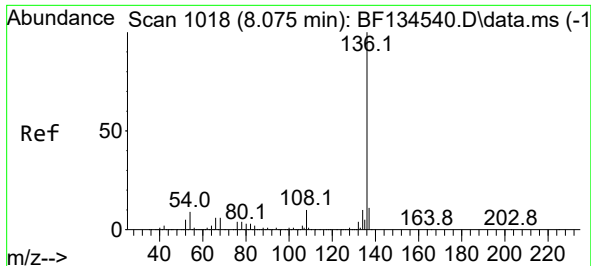
Tgt Ion: 99 Resp: 1717695
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 34.4 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 19.379 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 70 Resp: 149722
Ion Ratio Lower Upper
70 100
42 49.4 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# 1018

Delta R.T. -0.006 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB154866BL

Tgt Ion:136 Resp: 622132

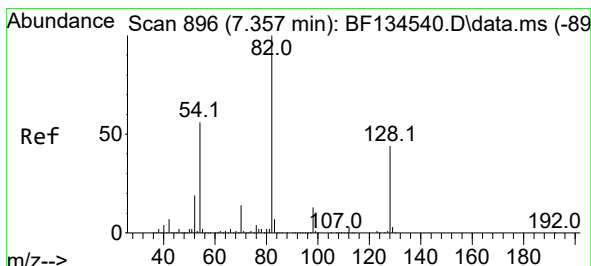
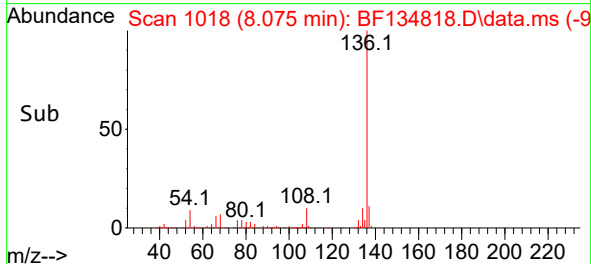
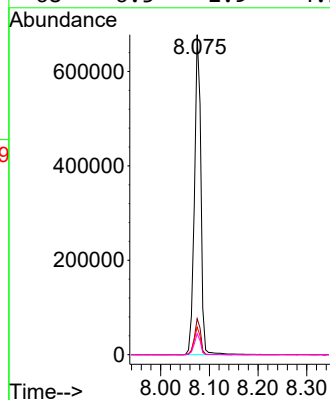
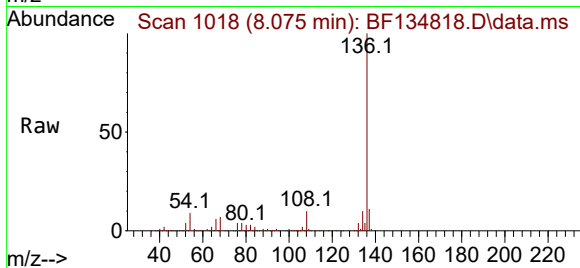
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.6 5.2 7.8#

68 6.5 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 112.021 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

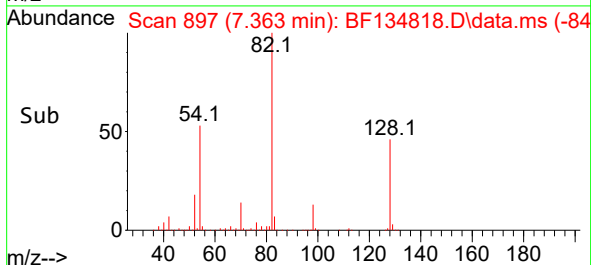
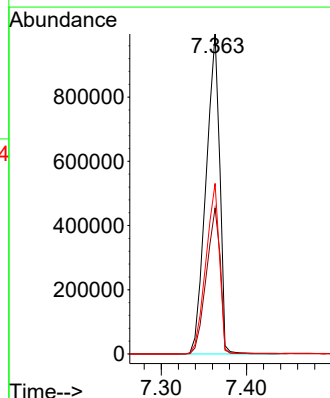
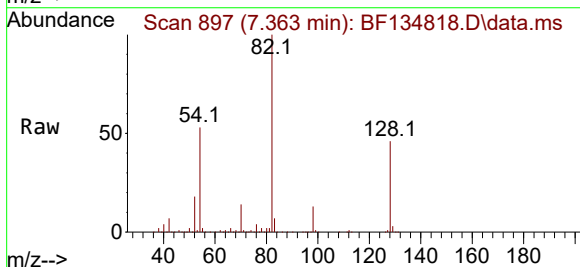
Tgt Ion: 82 Resp: 1115201

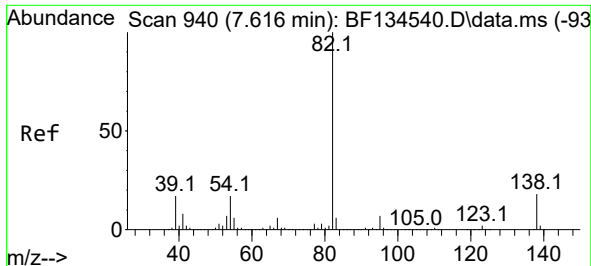
Ion Ratio Lower Upper

82 100

128 45.6 34.3 51.5

54 53.3 43.8 65.6

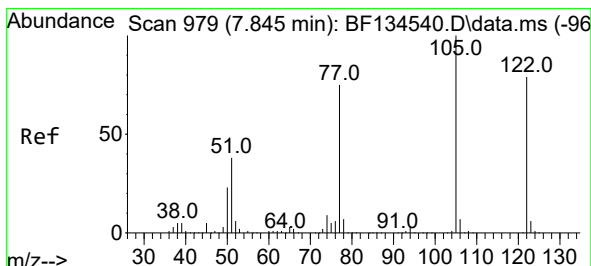
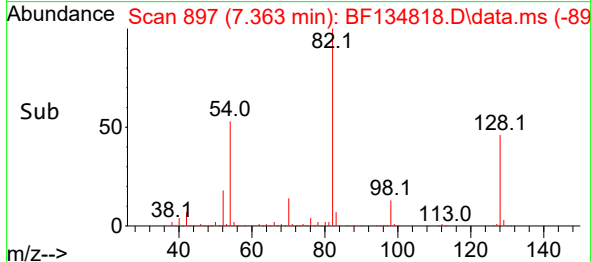
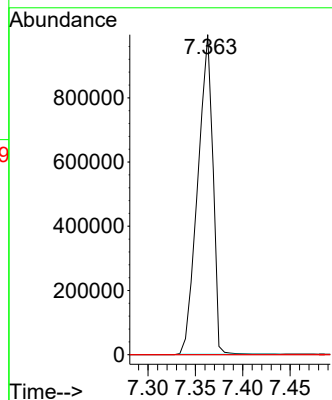
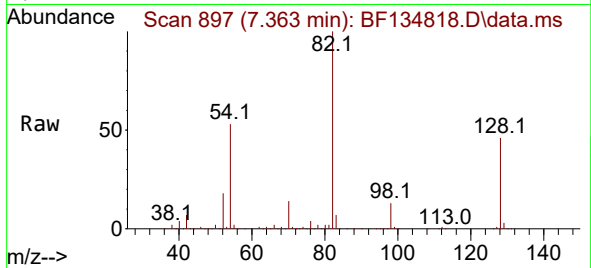




#25
Isophorone
Concen: 50.825 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

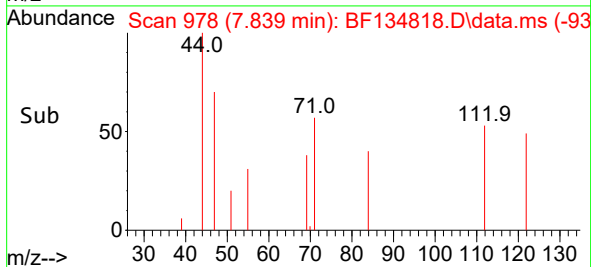
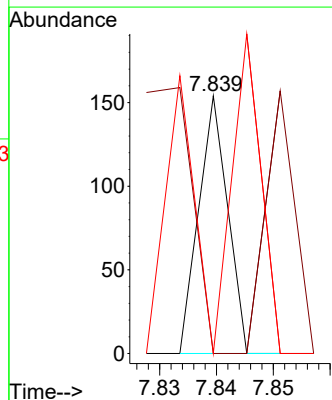
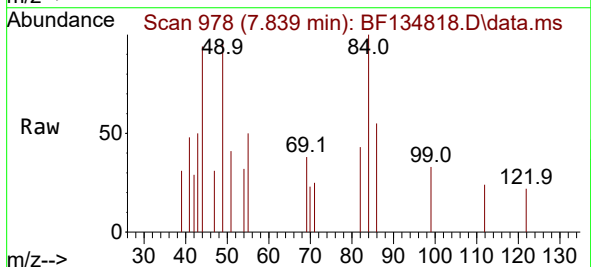
Instrument :
BNA_F
ClientSampleId :
PB154866BL

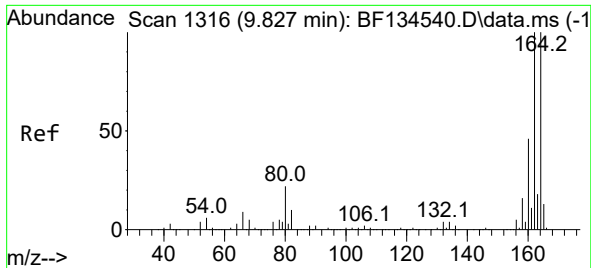
Tgt Ion: 82 Resp: 1103585
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.023 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 0.0 71.4 111.4#

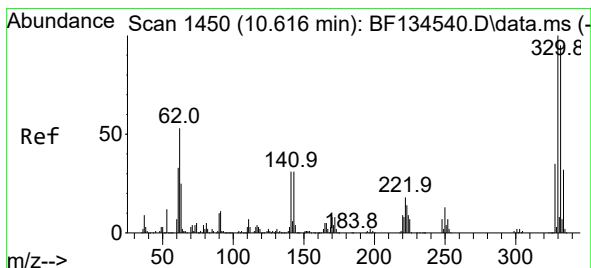
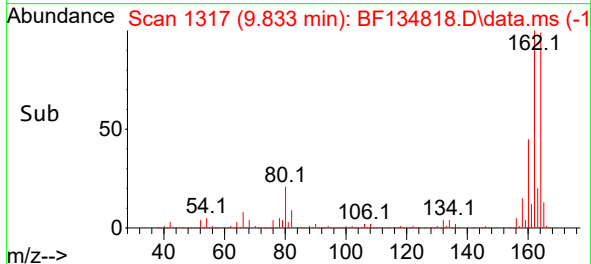
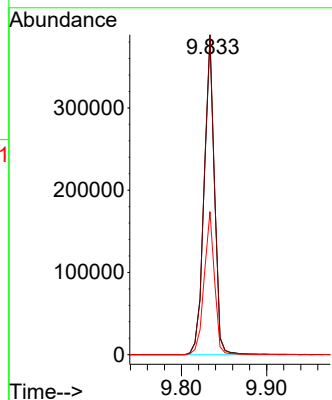
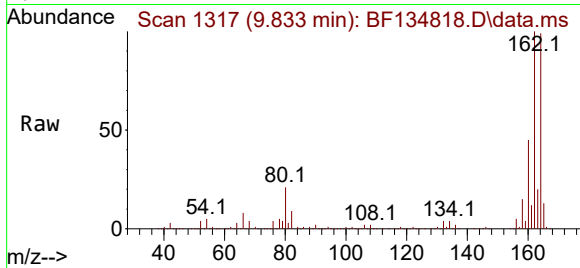




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

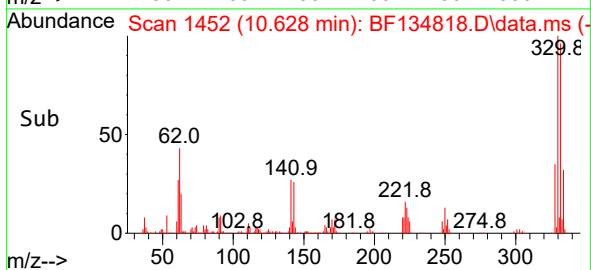
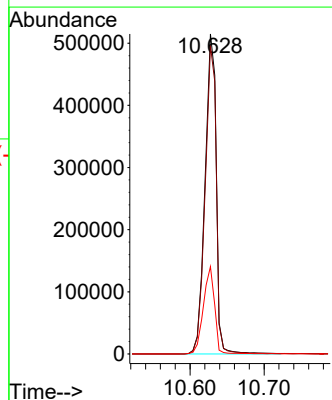
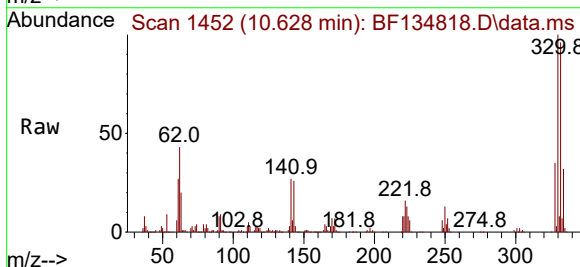
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BNA_F
ClientSampleId :
PB154866BL

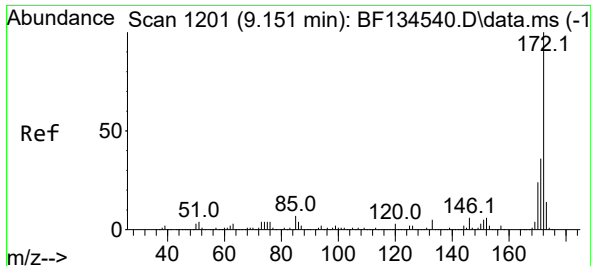
Tgt Ion:164 Resp: 326058
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 45.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 163.287 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion:330 Resp: 542741
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 27.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 99.644 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB154866BL

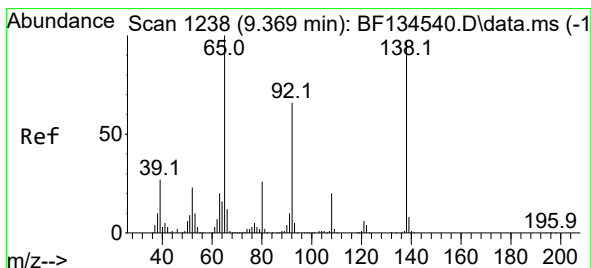
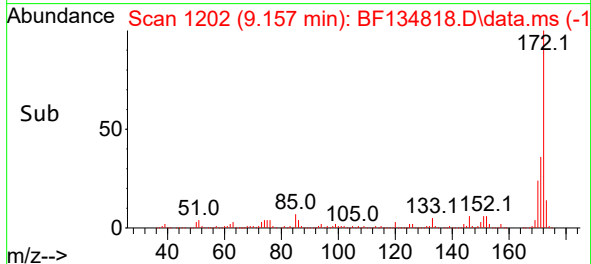
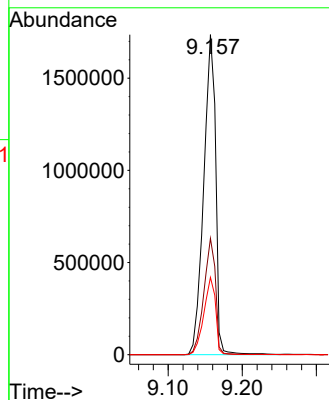
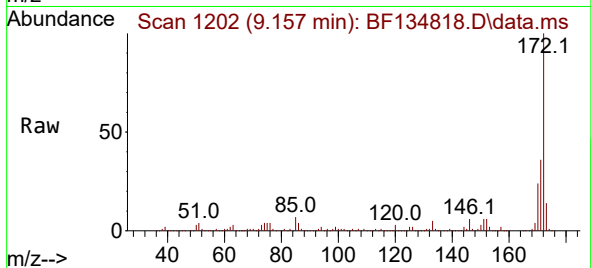
Tgt Ion:172 Resp: 1954049

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.1 18.7 28.1



#48

2-Nitroaniline

Concen: 3.678 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.223 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

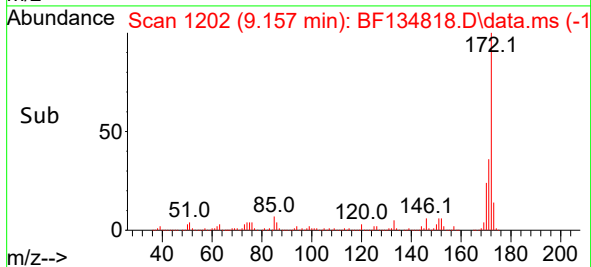
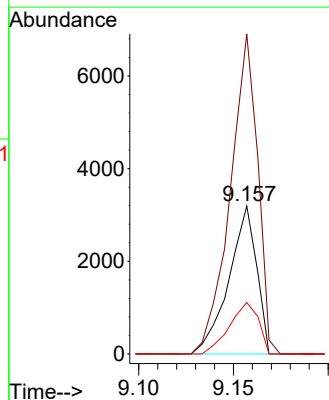
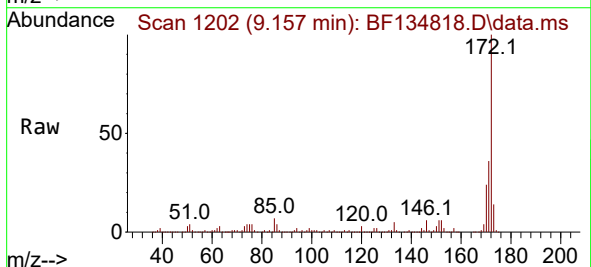
Tgt Ion: 65 Resp: 3249

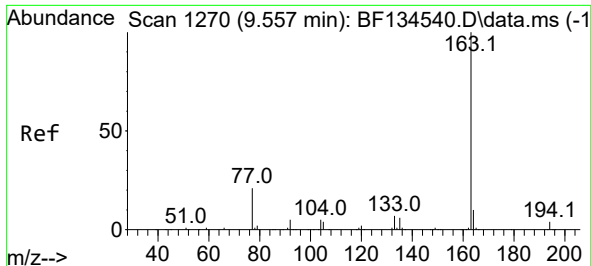
Ion Ratio Lower Upper

65 100

92 216.2 50.7 76.1#

138 34.8 78.2 117.4#

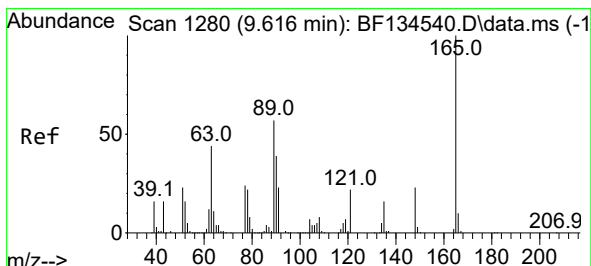
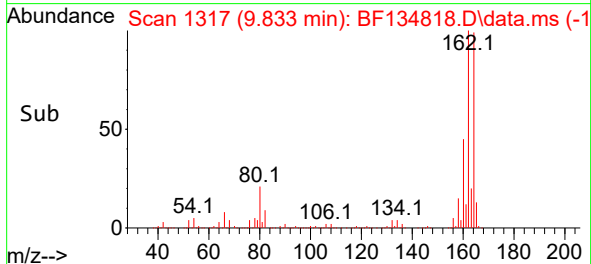
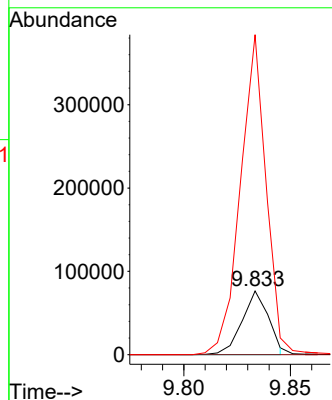
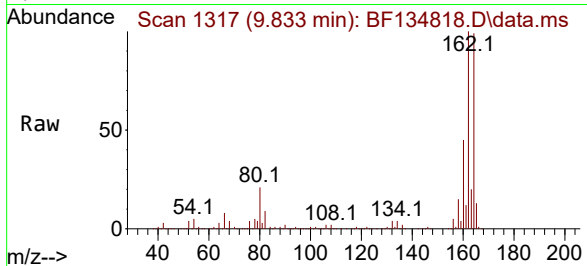




#50
Dimethylphthalate
Concen: 2.993 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

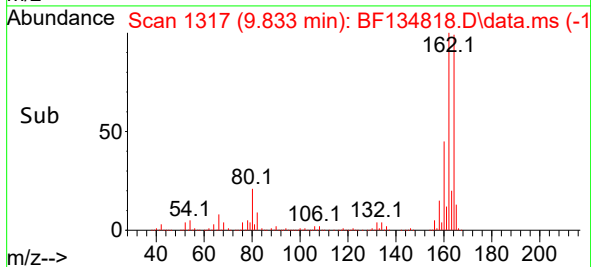
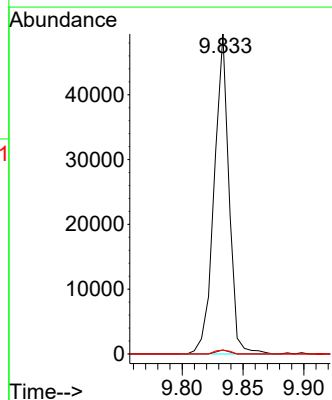
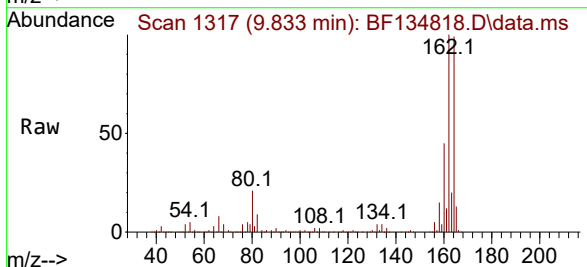
Instrument :
BNA_F
ClientSampleId :
PB154866BL

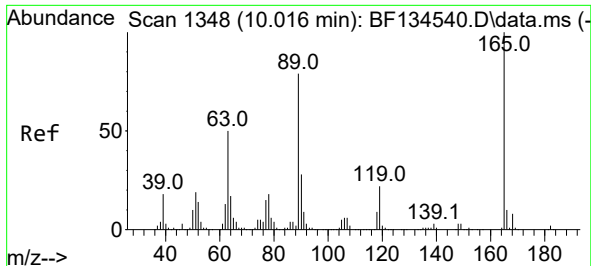
Tgt Ion:163 Resp: 66508
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 502.4 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.195 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion:165 Resp: 41782
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.2 51.8 77.8#

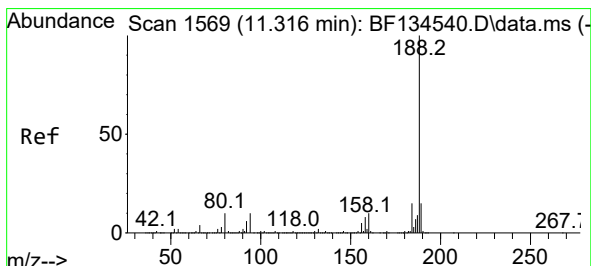
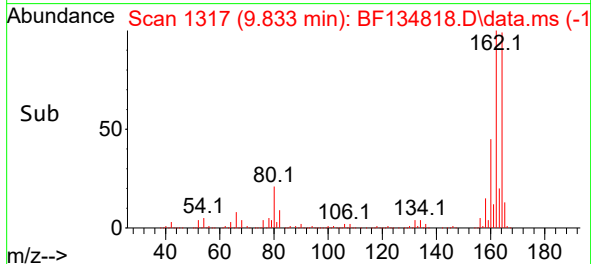
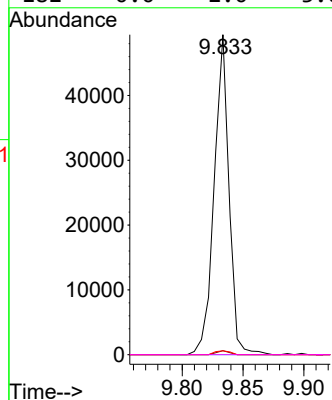
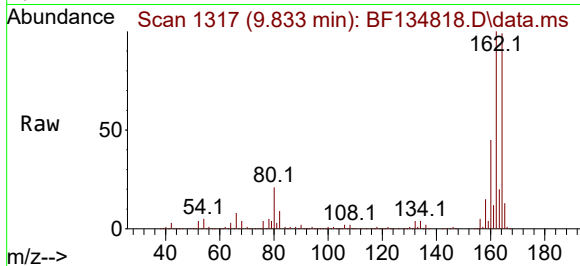




#57
2,4-Dinitrotoluene
Concen: 9.997 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

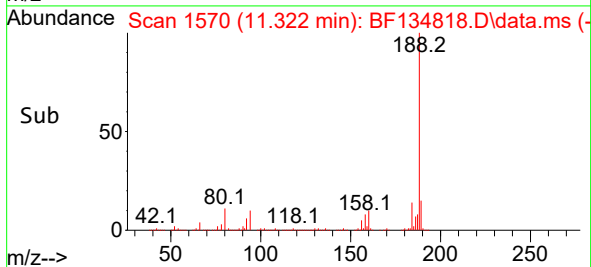
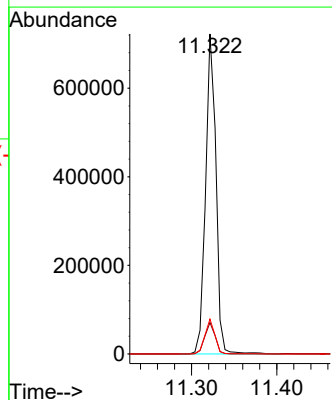
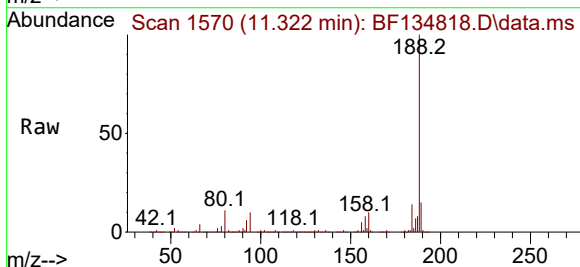
Instrument :
BNA_F
ClientSampleId :
PB154866BL

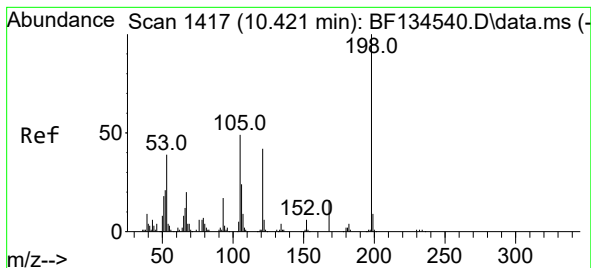
Tgt Ion:165 Resp: 41782
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion:188 Resp: 609711
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.9 6.6 9.8#

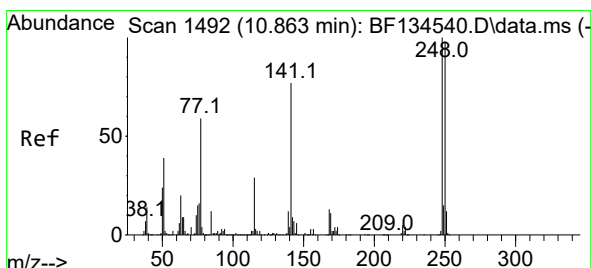
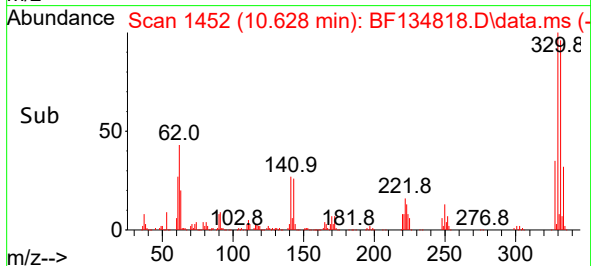
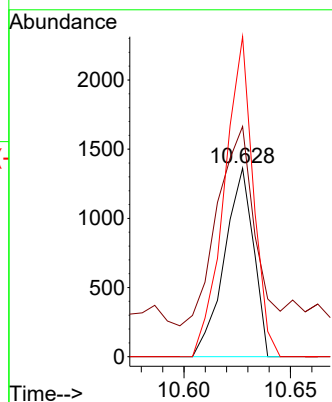
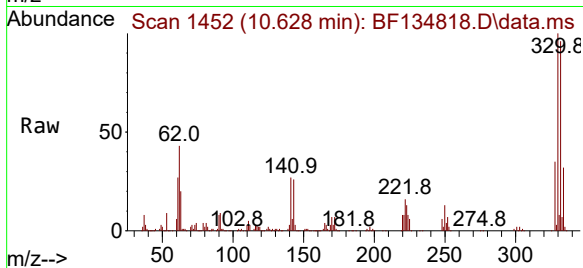




#65
4,6-Dinitro-2-methylphenol
Concen: 9.129 ng
RT: 10.628 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

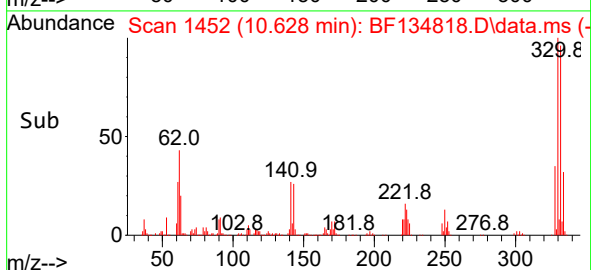
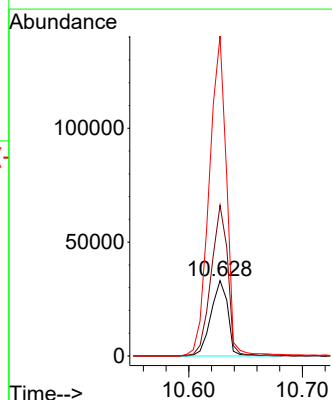
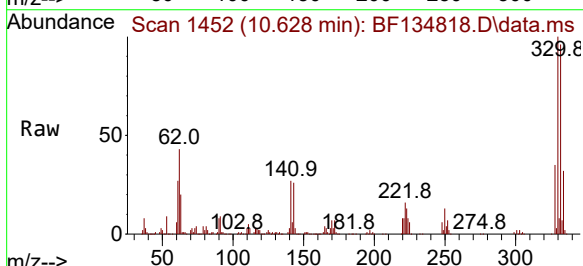
Instrument :
BNA_F
ClientSampleId :
PB154866BL

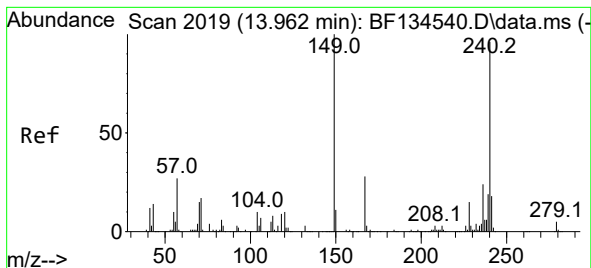
Tgt Ion:198 Resp: 1295
Ion Ratio Lower Upper
198 100
51 122.2 38.6 78.6#
105 169.8 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 5.123 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion:248 Resp: 34191
Ion Ratio Lower Upper
248 100
250 199.9 79.6 119.4#
141 424.3 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB154866BL

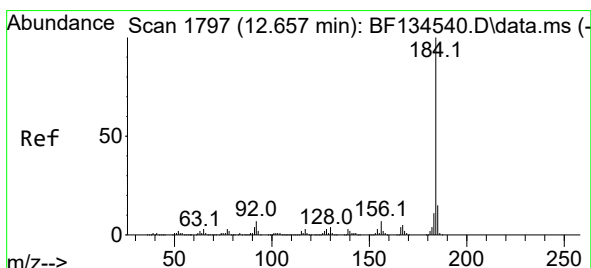
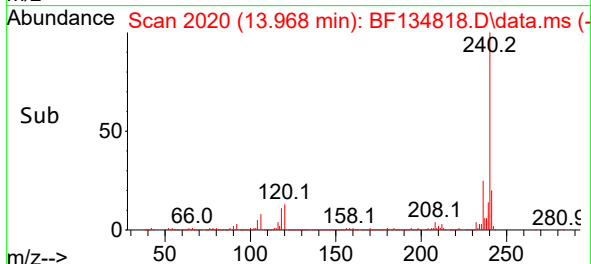
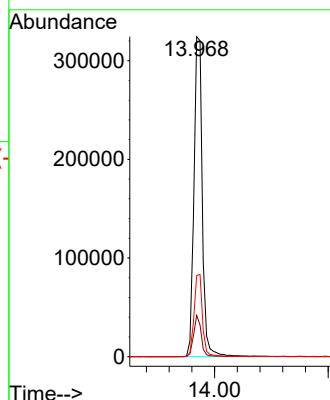
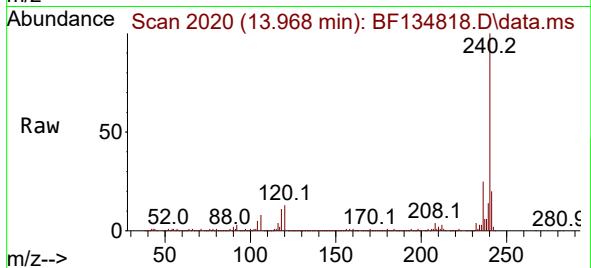
Tgt Ion:240 Resp: 334389

Ion Ratio Lower Upper

240 100

120 12.9 6.6 10.0#

236 25.4 20.2 30.2



#77

Benzdine

Concen: 3.768 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

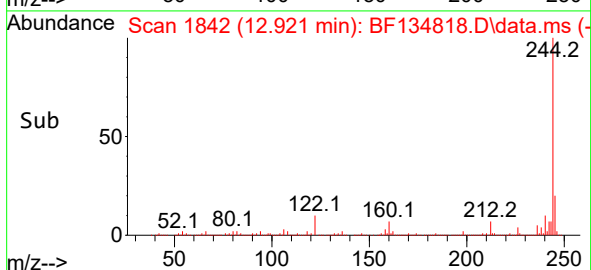
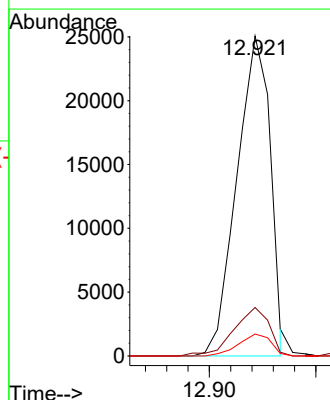
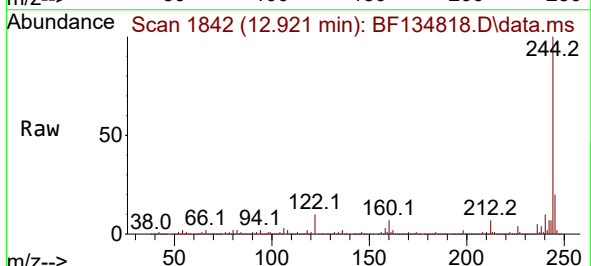
Tgt Ion:184 Resp: 27354

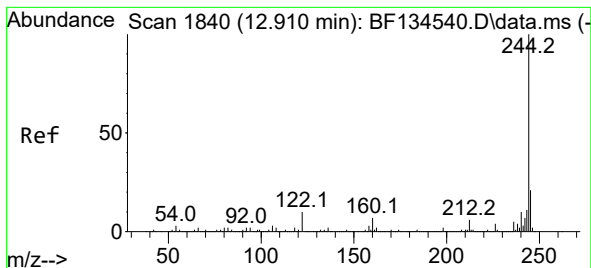
Ion Ratio Lower Upper

184 100

185 15.1 11.2 16.8

183 6.8 8.6 13.0#





#79

Terphenyl-d14

Concen: 118.108 ng

RT: 12.921 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB154866BL

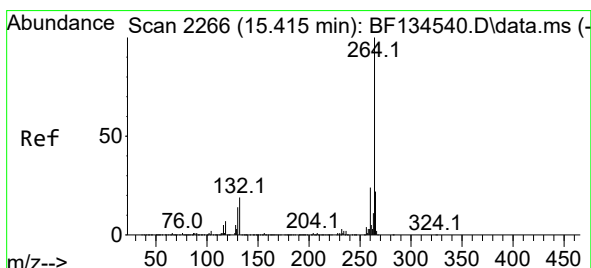
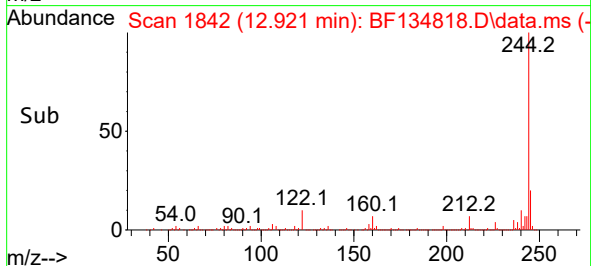
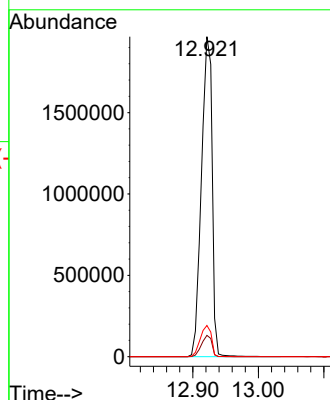
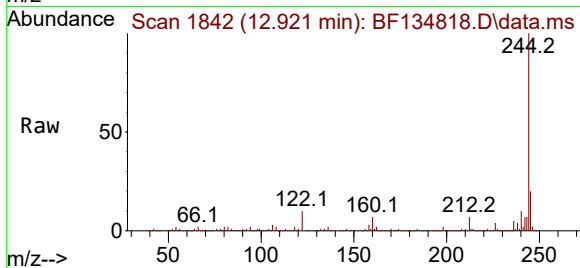
Tgt Ion:244 Resp: 2240325

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

Tgt Ion:264 Resp: 367965

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.5 15.8 23.8

