

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134690.D
 Acq On : 09 Aug 2023 15:01
 Operator : CG\JU
 Sample : PB154717BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154717BL

Quant Time: Aug 10 01:40:21 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)

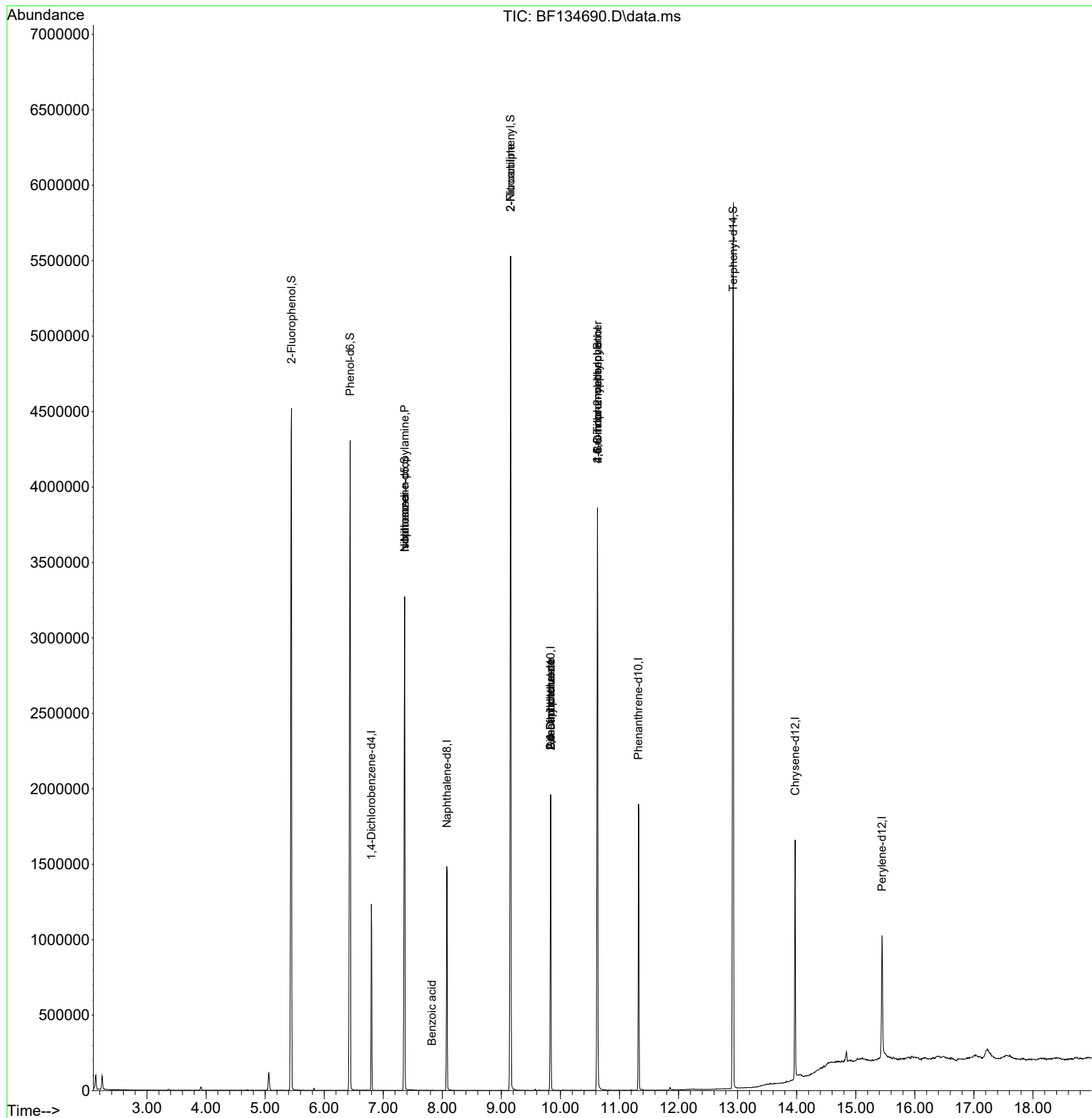
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	173797	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	704827	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	373668	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	722962	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	515872	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	409186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1434443	125.462	ng	0.02
7) Phenol-d6	6.439	99	1851460	126.680	ng	0.00
23) Nitrobenzene-d5	7.363	82	1138091	100.908	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	572315	150.246	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2077158	92.426	ng	0.00
79) Terphenyl-d14	12.927	244	2580924	88.197	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	2976	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	151742	17.341	ng	# 75
25) Isophorone	7.363	82	1120912	45.566	ng	# 65
32) Benzoic acid	7.822	122	64	7.875	ng	# 45
48) 2-Nitroaniline	9.157	65	3748	3.682	ng	# 1
50) Dimethylphthalate	9.833	163	77558	3.045	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	48396	11.288	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	48396	10.073	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.627	198	1250	9.049	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	35847	4.529	ng	# 1

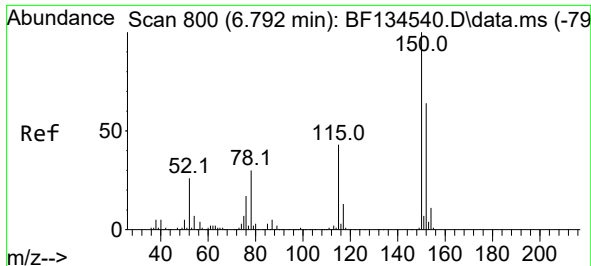
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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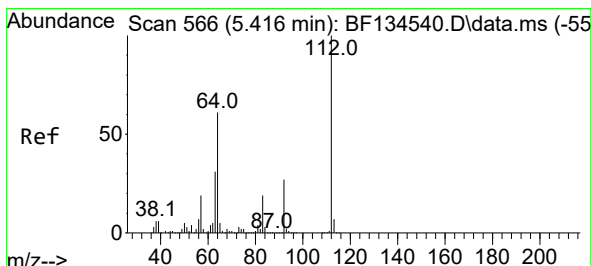
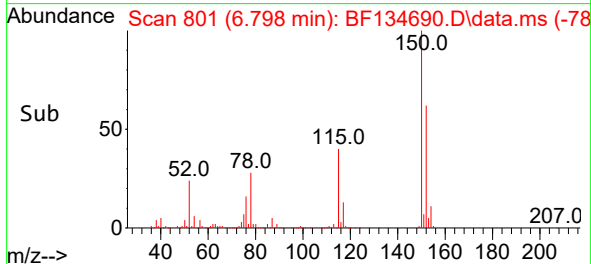
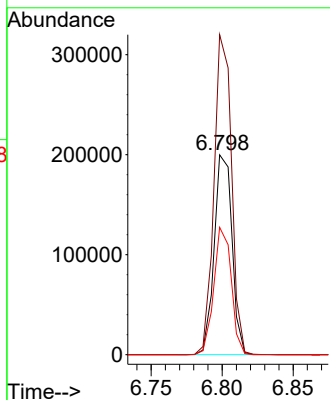
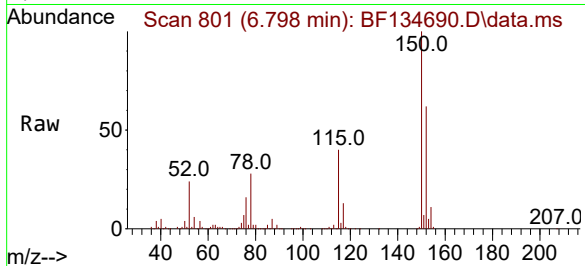




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

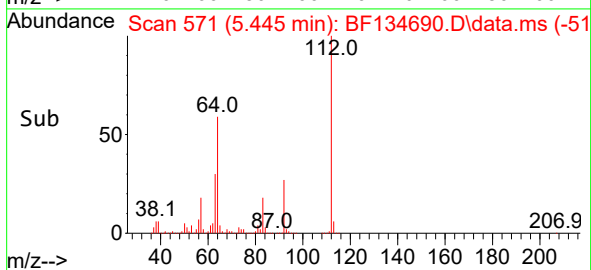
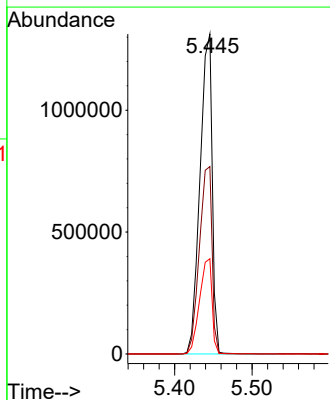
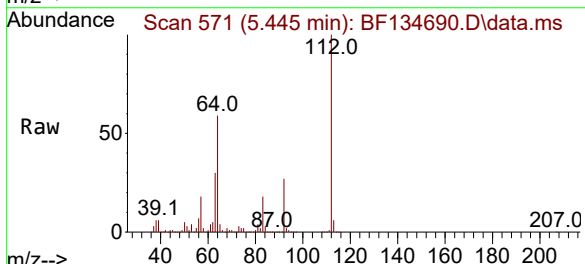
Instrument :
BNA_F
ClientSampleId :
PB154717BL

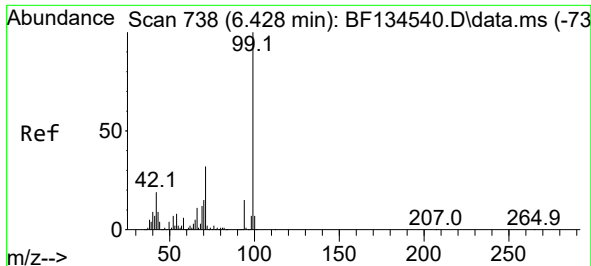
Tgt Ion:152 Resp: 173797
Ion Ratio Lower Upper
152 100
150 160.2 128.3 192.5
115 63.8 52.4 78.6



#5
2-Fluorophenol
Concen: 125.462 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Tgt Ion:112 Resp: 1434443
Ion Ratio Lower Upper
112 100
64 58.6 44.9 67.3
63 29.8 25.4 38.0

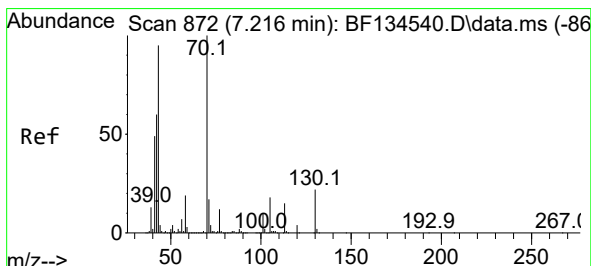
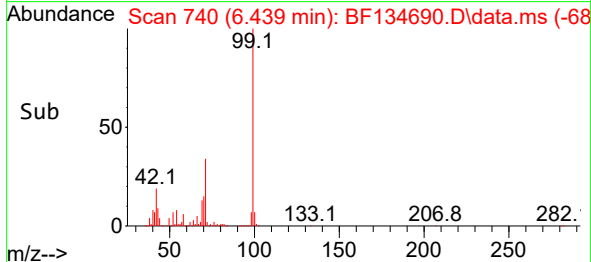
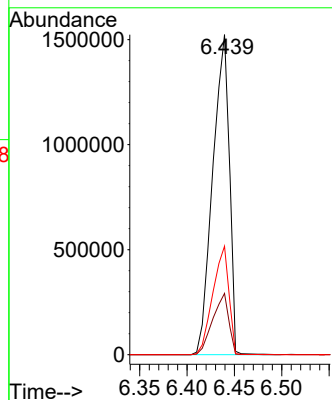
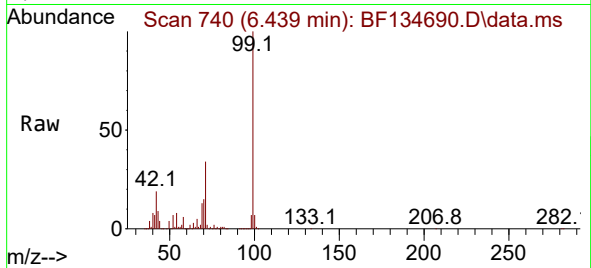




#7
Phenol-d6
Concen: 126.680 ng
RT: 6.439 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

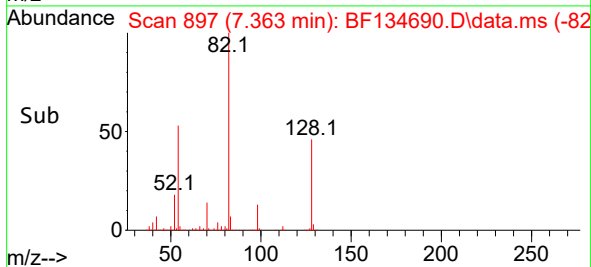
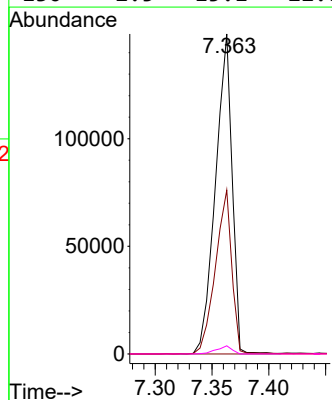
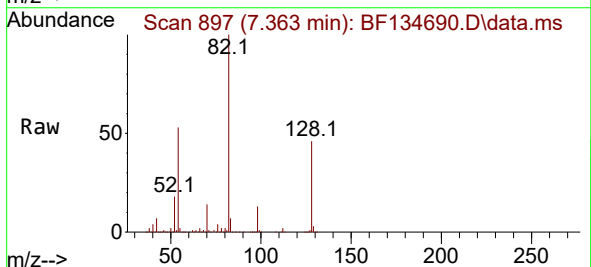
Instrument :
BNA_F
ClientSampleId :
PB154717BL

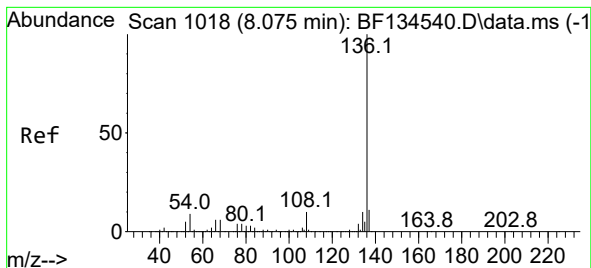
Tgt Ion: 99 Resp: 1851460
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 33.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.341 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Tgt Ion: 70 Resp: 151742
Ion Ratio Lower Upper
70 100
42 51.2 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BF134690.D

Acq: 09 Aug 2023 15:01

Instrument :

BNA_F

ClientSampleId :

PB154717BL

Tgt Ion:136 Resp: 704827

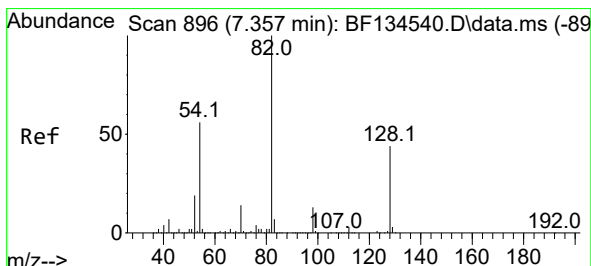
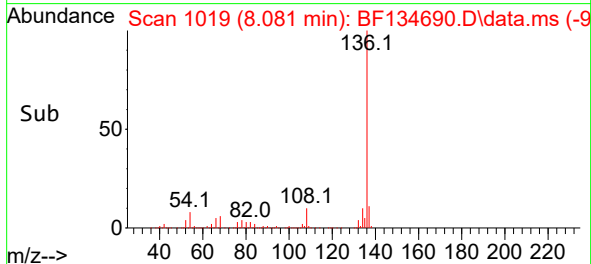
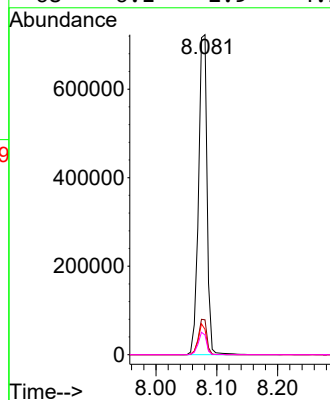
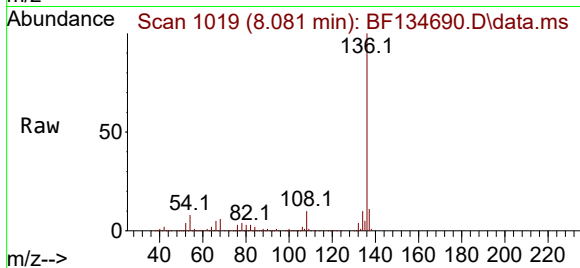
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.9 5.2 7.8#

68 6.1 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 100.908 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134690.D

Acq: 09 Aug 2023 15:01

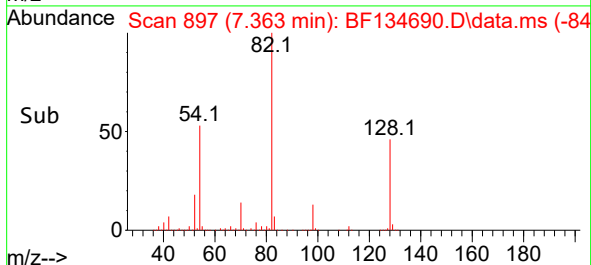
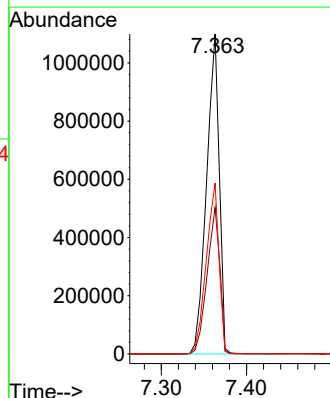
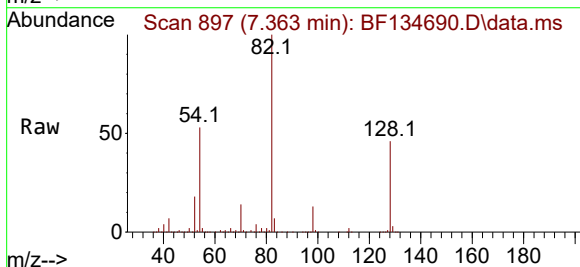
Tgt Ion: 82 Resp: 1138091

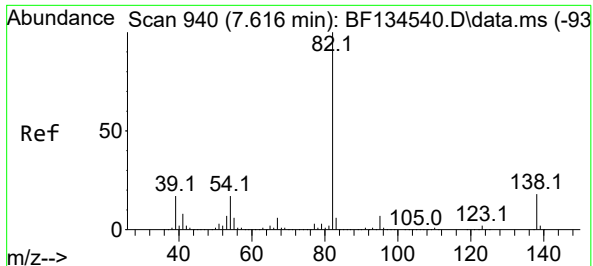
Ion Ratio Lower Upper

82 100

128 45.8 34.3 51.5

54 53.4 43.8 65.6

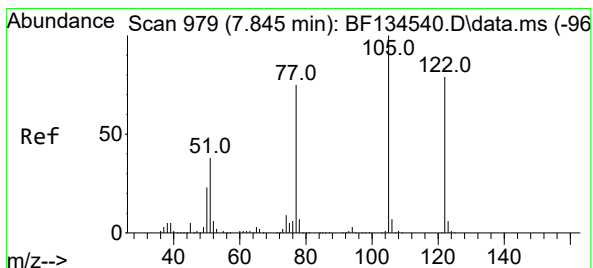
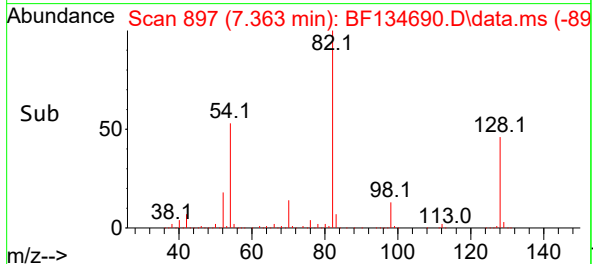
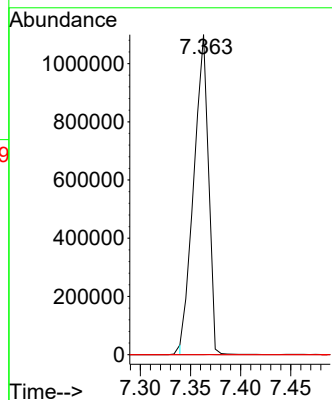
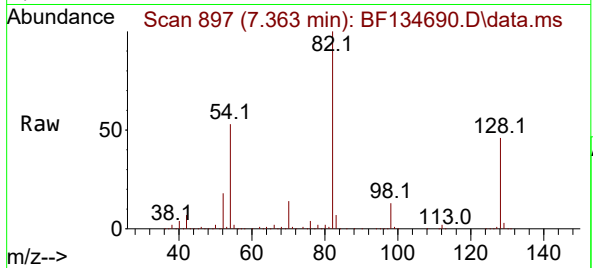




#25
Isophorone
Concen: 45.566 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

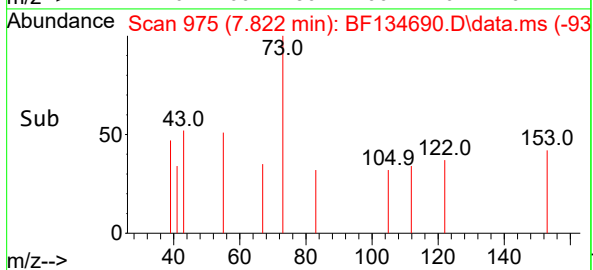
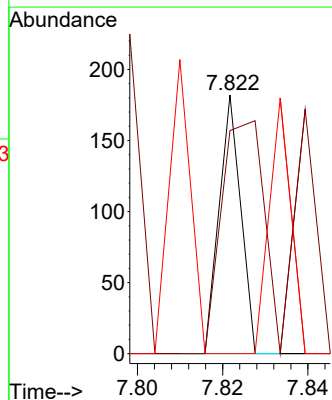
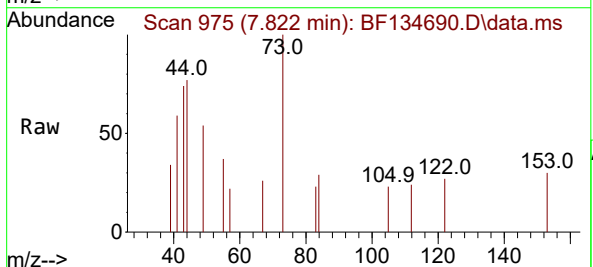
Instrument :
BNA_F
ClientSampleId :
PB154717BL

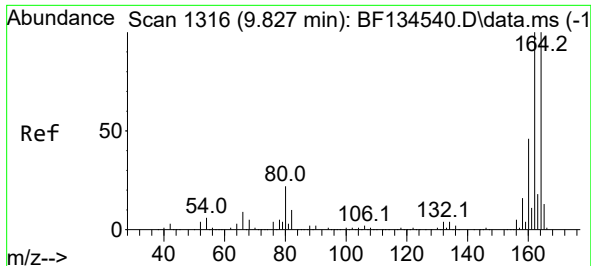
Tgt Ion: 82 Resp: 1120912
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.041 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 86.3 87.5 127.5#
77 0.0 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: BF134690.D

Acq: 09 Aug 2023 15:01

Instrument :

BNA_F

ClientSampleId :

PB154717BL

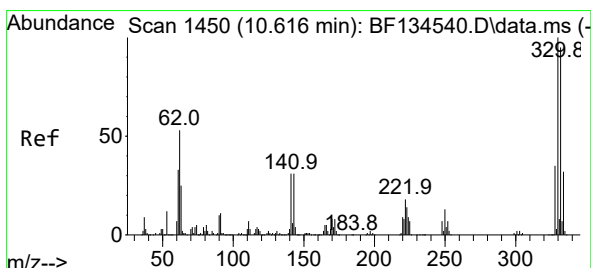
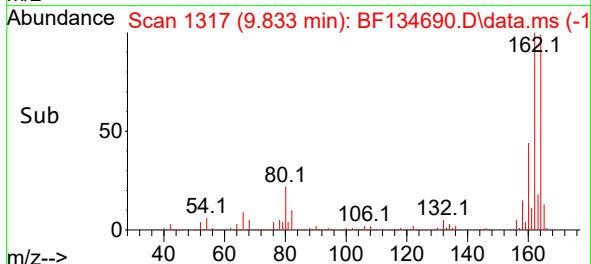
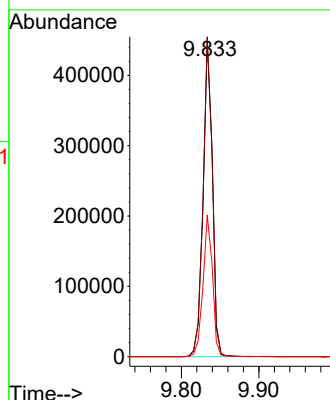
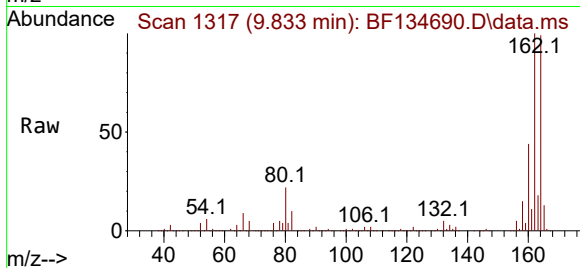
Tgt Ion:164 Resp: 373668

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

160 44.9 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 150.246 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF134690.D

Acq: 09 Aug 2023 15:01

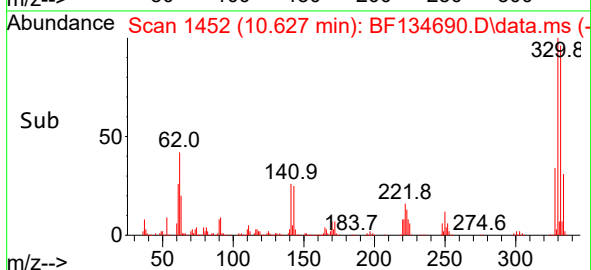
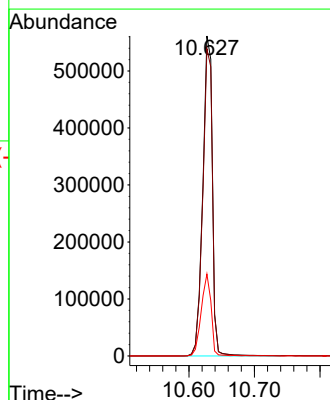
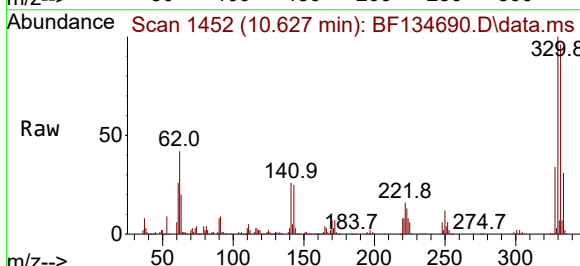
Tgt Ion:330 Resp: 572315

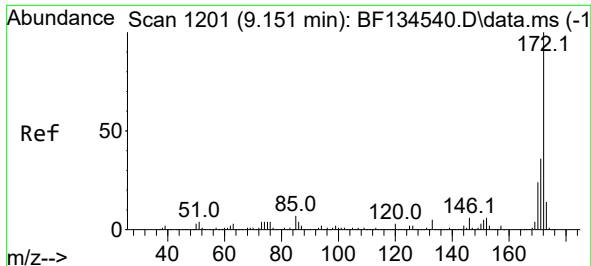
Ion Ratio Lower Upper

330 100

332 96.6 78.8 118.2

141 26.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 92.426 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134690.D

Acq: 09 Aug 2023 15:01

Instrument :

BNA_F

ClientSampleId :

PB154717BL

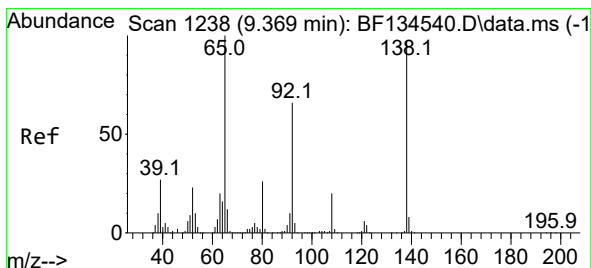
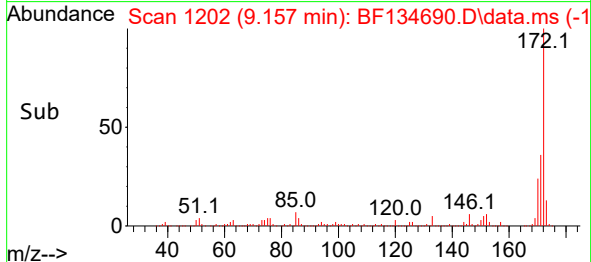
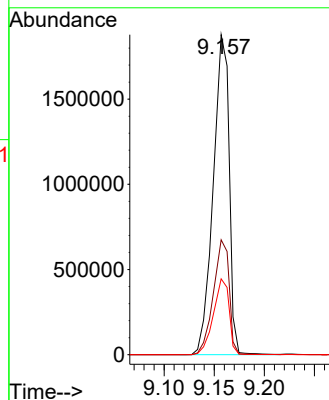
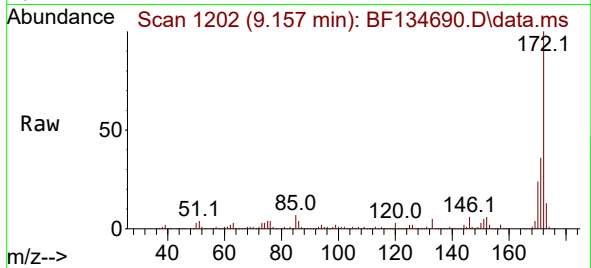
Tgt Ion:172 Resp: 2077158

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.7 18.7 28.1



#48

2-Nitroaniline

Concen: 3.682 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.224 min

Lab File: BF134690.D

Acq: 09 Aug 2023 15:01

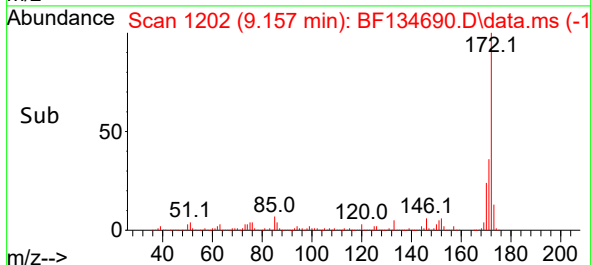
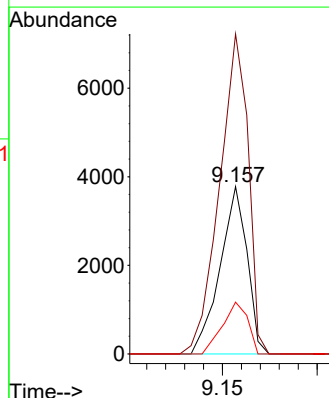
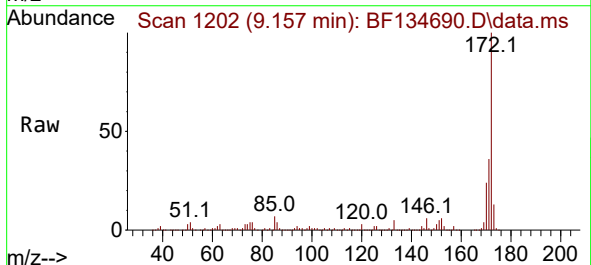
Tgt Ion: 65 Resp: 3748

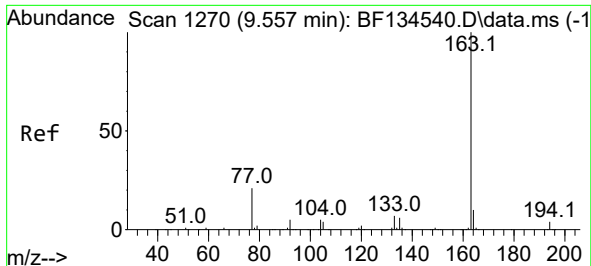
Ion Ratio Lower Upper

65 100

92 191.3 50.7 76.1#

138 31.0 78.2 117.4#

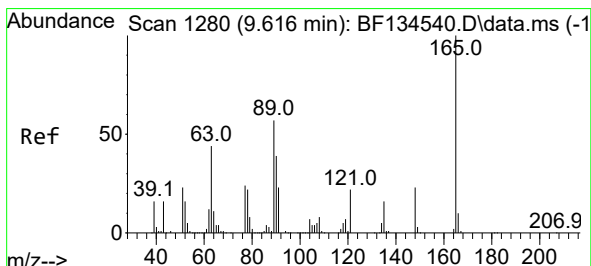
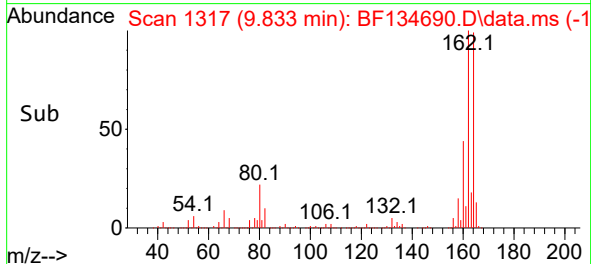
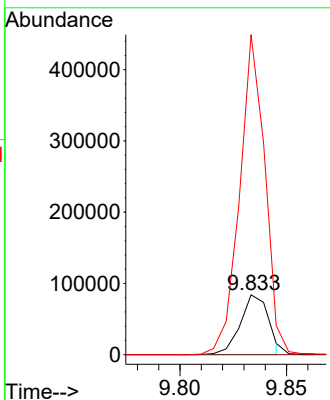
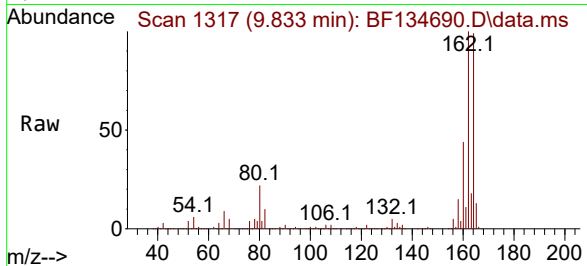




#50
Dimethylphthalate
Concen: 3.045 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

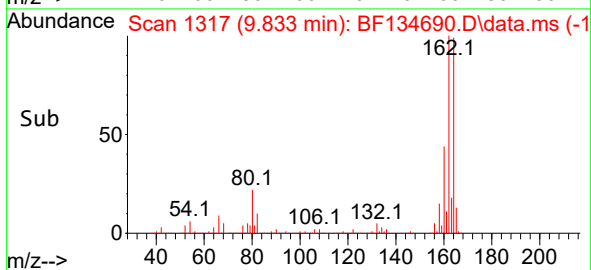
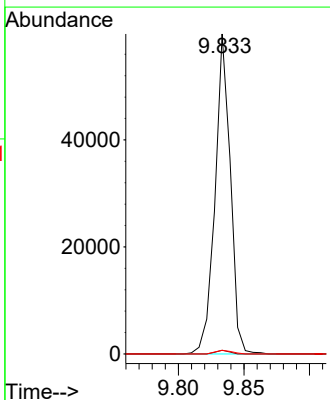
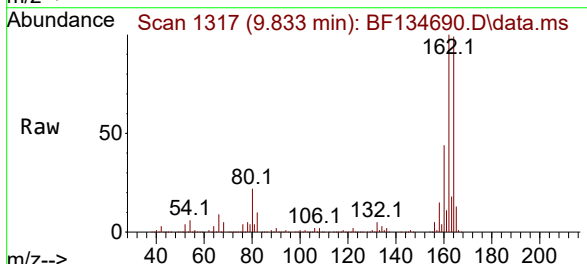
Instrument :
BNA_F
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PB154717BL

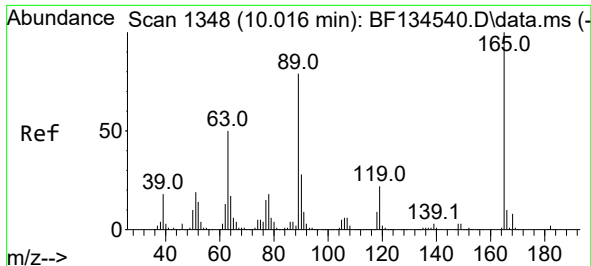
Tgt Ion:163 Resp: 77558
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 534.5 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.288 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

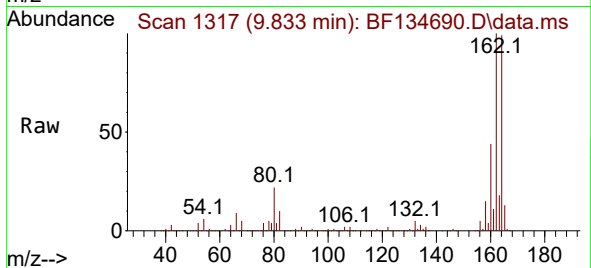
Tgt Ion:165 Resp: 48396
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.1 51.8 77.8#



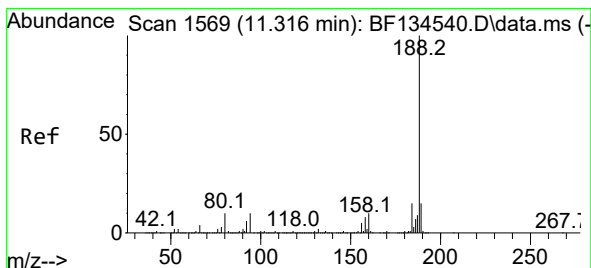
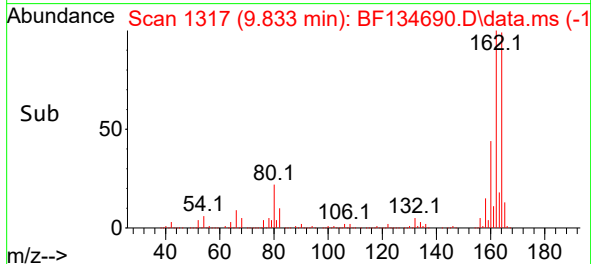
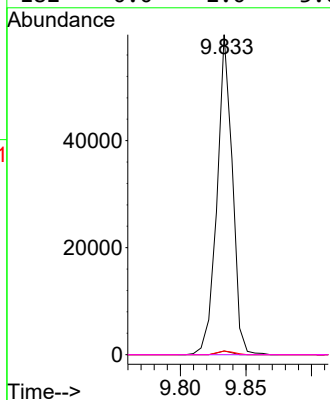


#57
2,4-Dinitrotoluene
Concen: 10.073 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Instrument :
BNA_F
ClientSampleId :
PB154717BL

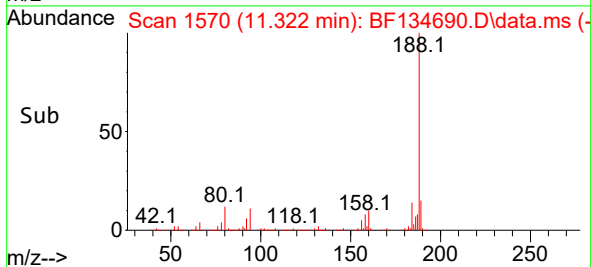
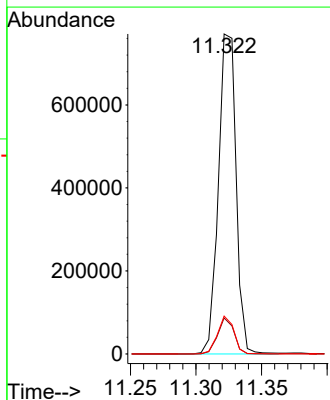
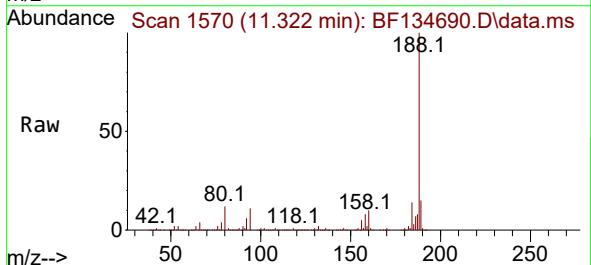


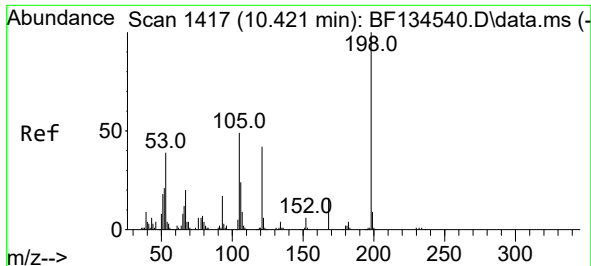
Tgt Ion:165 Resp: 48396
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.1 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Tgt Ion:188 Resp: 722962
Ion Ratio Lower Upper
188 100
94 11.2 5.1 7.7#
80 11.8 6.6 9.8#

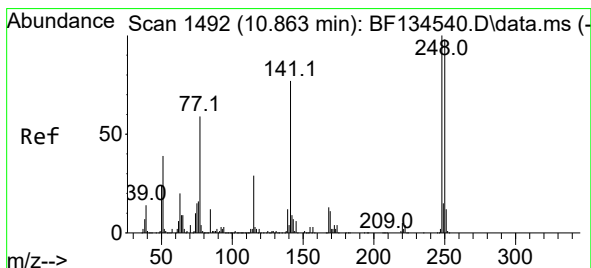
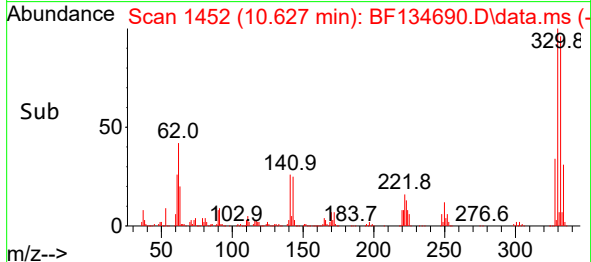
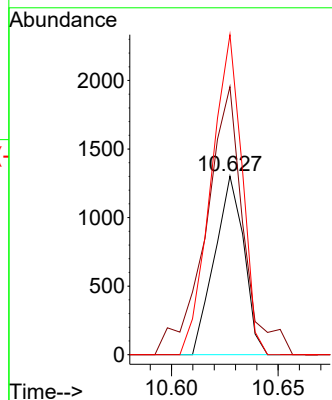
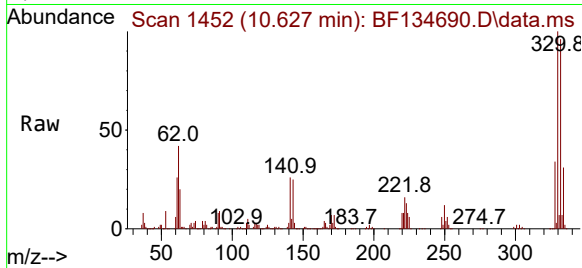




#65
4,6-Dinitro-2-methylphenol
Concen: 9.049 ng
RT: 10.627 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

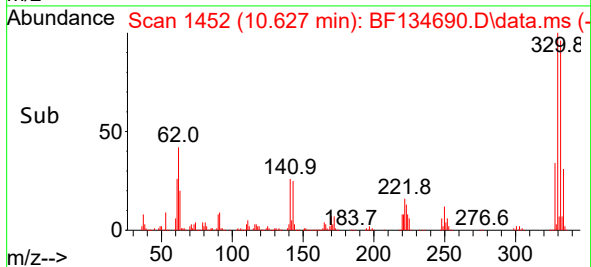
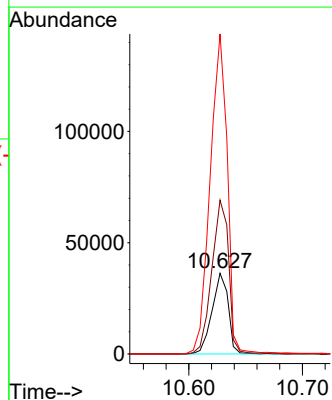
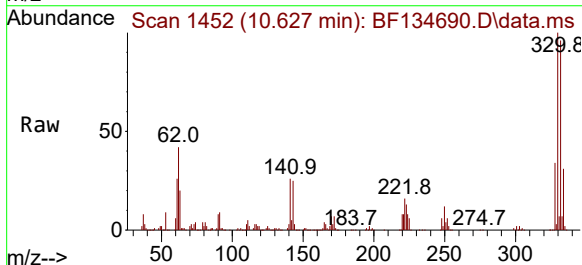
Instrument :
BNA_F
ClientSampleId :
PB154717BL

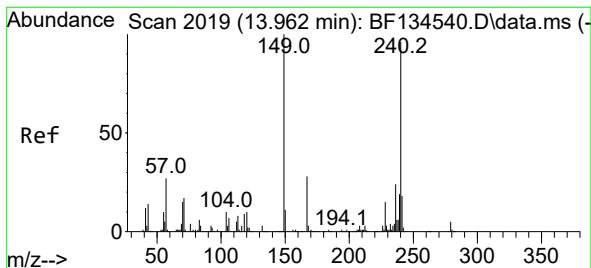
Tgt Ion:198 Resp: 1250
Ion Ratio Lower Upper
198 100
51 150.0 38.6 78.6#
105 179.1 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.529 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Tgt Ion:248 Resp: 35847
Ion Ratio Lower Upper
248 100
250 190.6 79.6 119.4#
141 396.6 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: BF134690.D

Acq: 09 Aug 2023 15:01

Instrument :

BNA_F

ClientSampleId :

PB154717BL

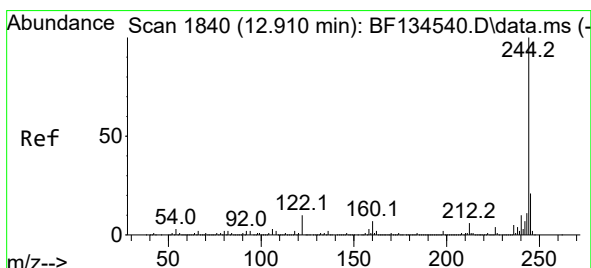
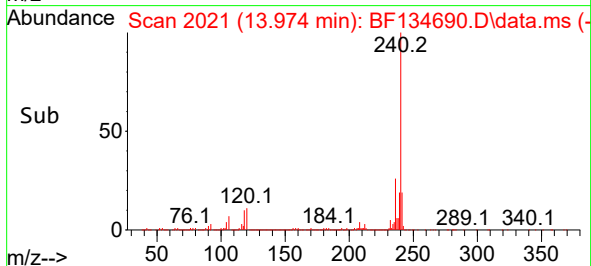
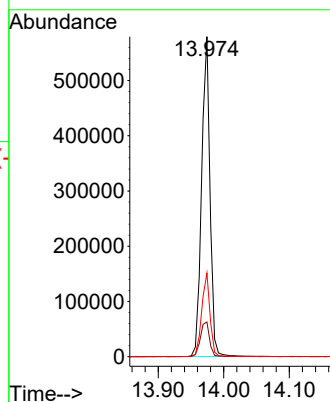
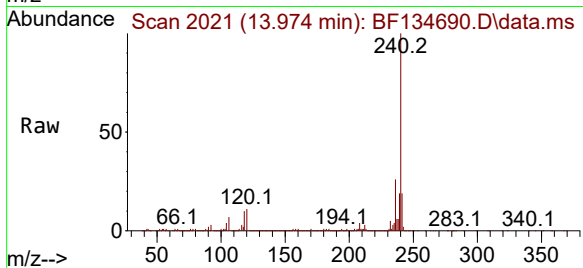
Tgt Ion:240 Resp: 515872

Ion Ratio Lower Upper

240 100

120 10.9 6.6 10.0#

236 26.1 20.2 30.2



#79

Terphenyl-d14

Concen: 88.197 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF134690.D

Acq: 09 Aug 2023 15:01

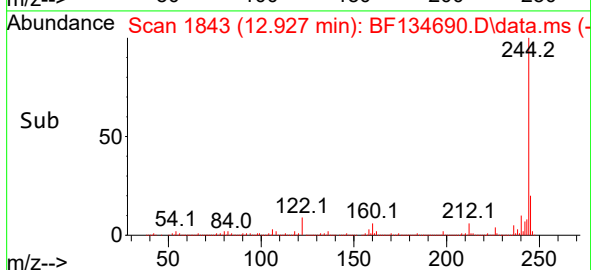
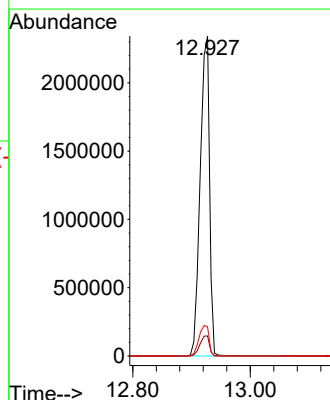
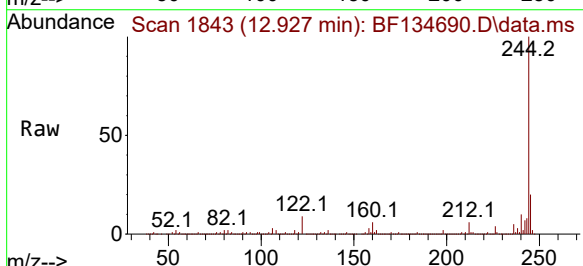
Tgt Ion:244 Resp: 2580924

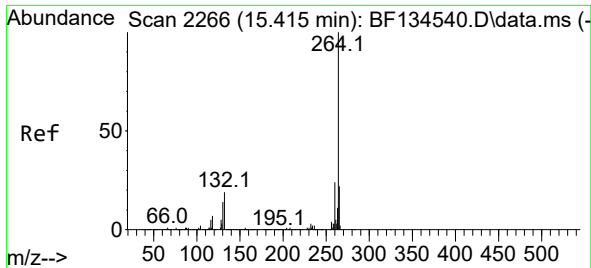
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 9.2 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: BF134690.D
 Acq: 09 Aug 2023 15:01

Instrument :
 BNA_F
 ClientSampleId :
 PB154717BL

Tgt Ion:264 Resp: 409186
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 20.6 15.8 23.8

