

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134581.D
 Acq On : 02 Aug 2023 15:49
 Operator : CG\JU
 Sample : 03681-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-5-CS-5

Quant Time: Aug 03 01:47:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

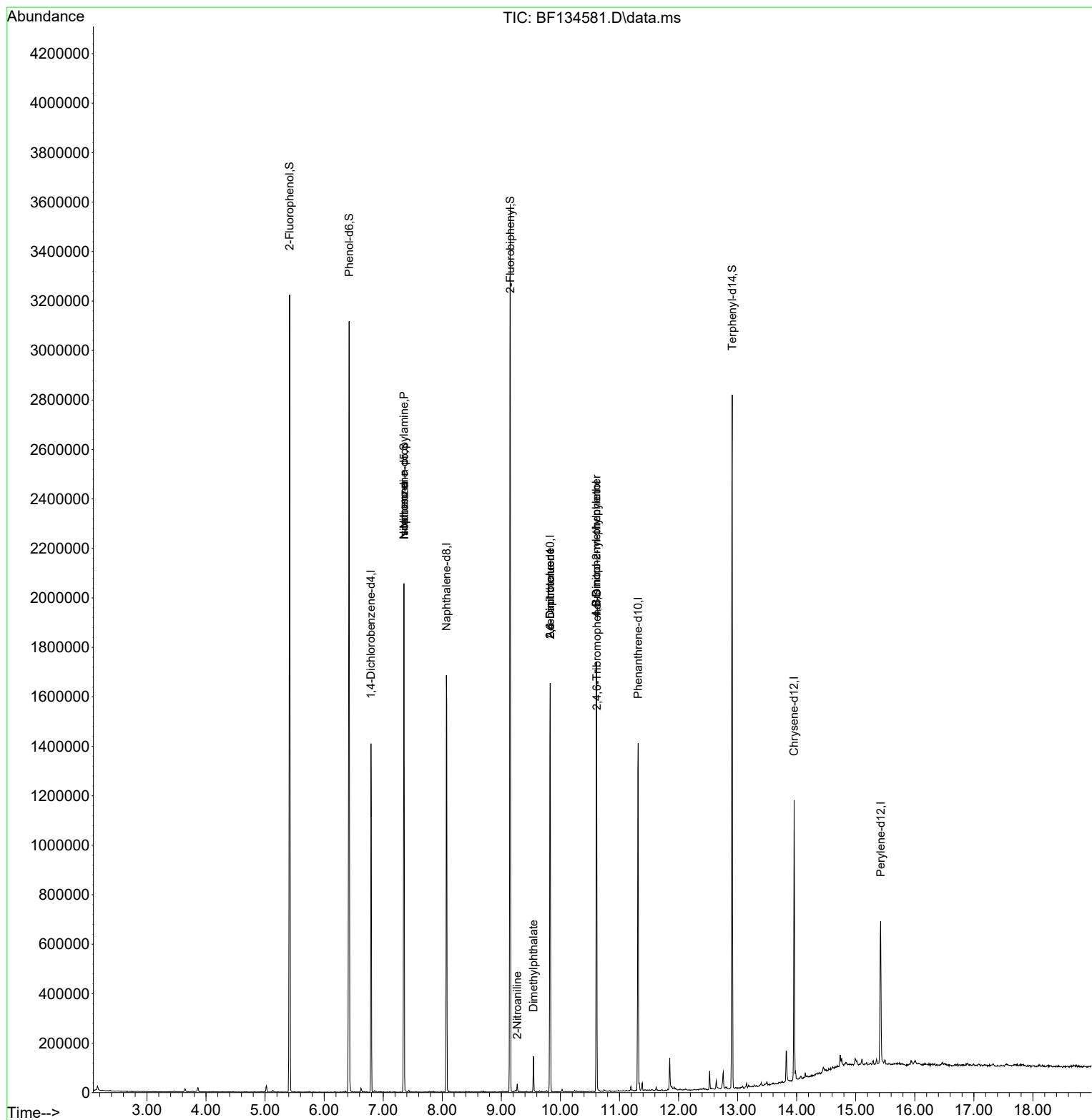
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	185262	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	713910	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	314740	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	506446	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	329729	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	267953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	819739	67.261	ng	0.00
7) Phenol-d6	6.422	99	1013000	65.022	ng	0.00
23) Nitrobenzene-d5	7.351	82	584667	51.179	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	192953	60.139	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1031303	54.481	ng	0.00
79) Terphenyl-d14	12.910	244	950236	50.803	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.316	77	124	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	77754	8.336	ng	# 75
25) Isophorone	7.351	82	584659	23.465	ng	# 65
48) 2-Nitroaniline	9.269	65	397	3.231	ng	# 8
50) Dimethylphthalate	9.545	163	48732	2.272	ng	# 98
51) 2,6-Dinitrotoluene	9.828	165	40816	11.299	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	40816	10.083	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	489	8.895	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	12475	2.250	ng	# 1

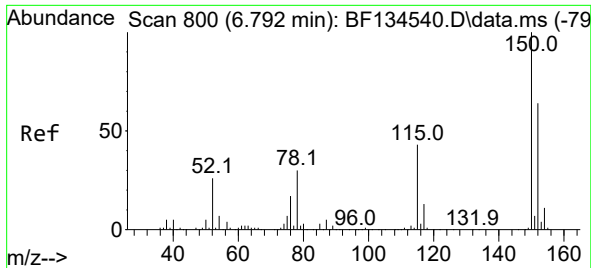
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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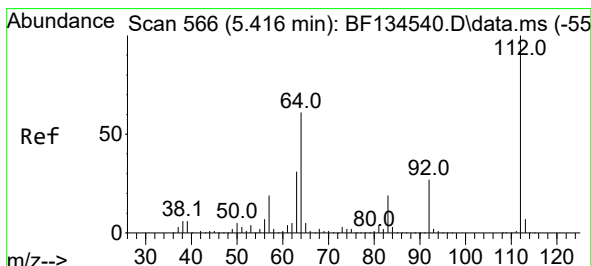
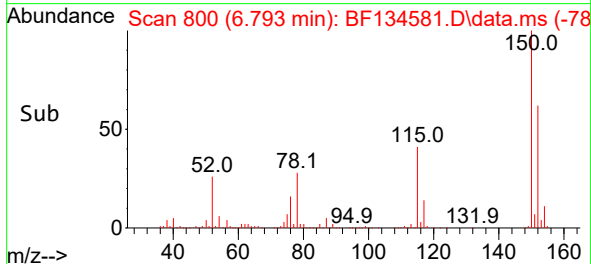
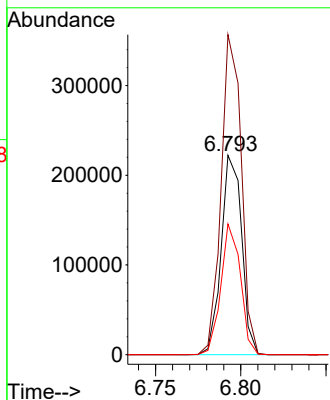
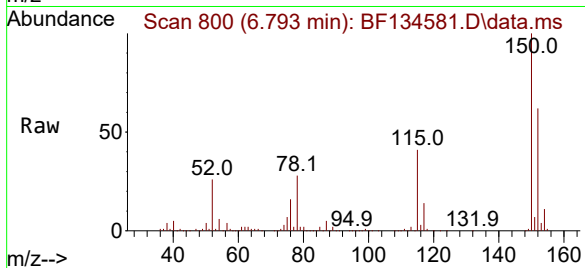




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

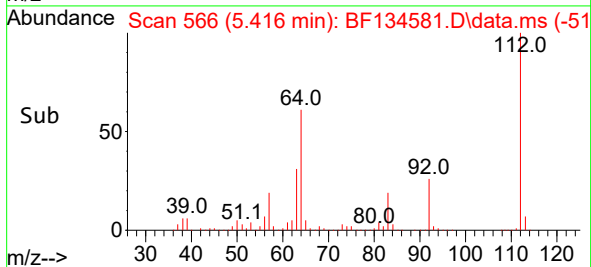
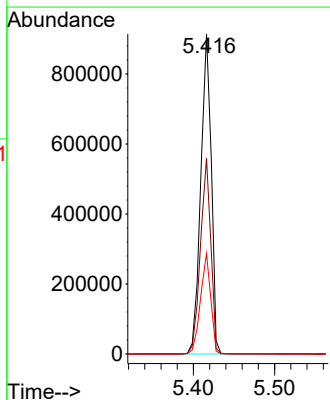
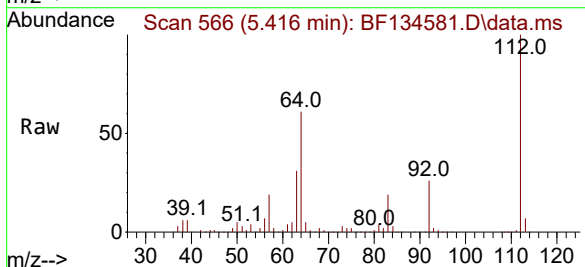
Instrument :
BNA_F
ClientSampleId :
RPTP-5-CS-5

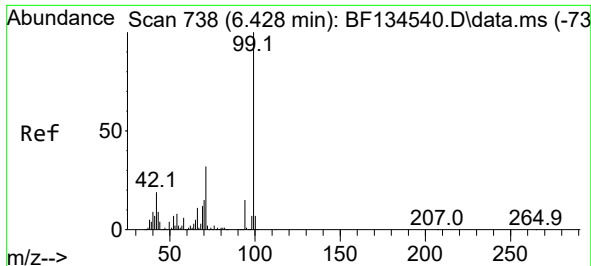
Tgt Ion:152 Resp: 185262
Ion Ratio Lower Upper
152 100
150 160.6 128.3 192.5
115 65.6 52.4 78.6



#5
2-Fluorophenol
Concen: 67.261 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

Tgt Ion:112 Resp: 819739
Ion Ratio Lower Upper
112 100
64 61.2 44.9 67.3
63 31.4 25.4 38.0

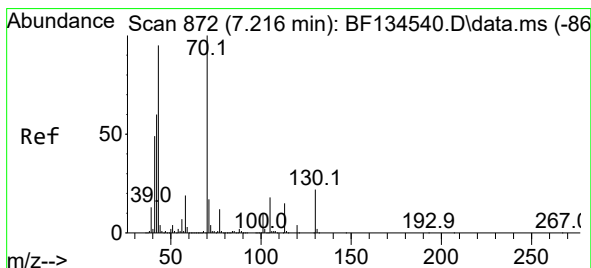
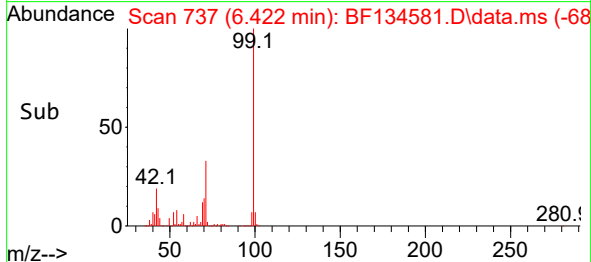
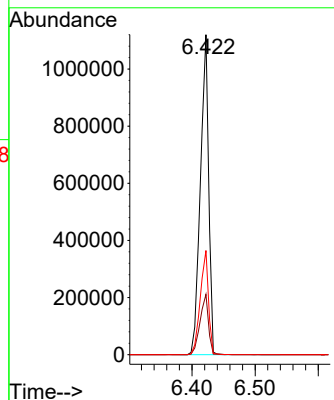
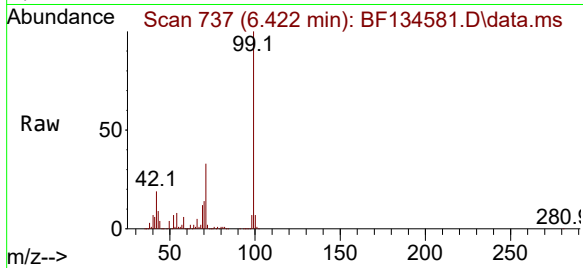




#7
Phenol-d6
Concen: 65.022 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

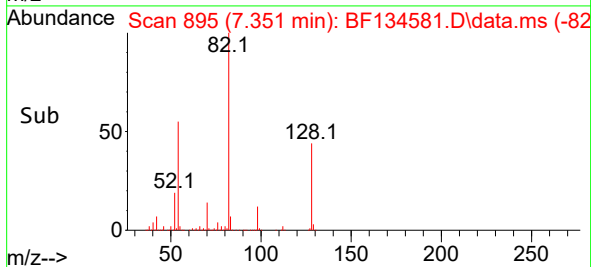
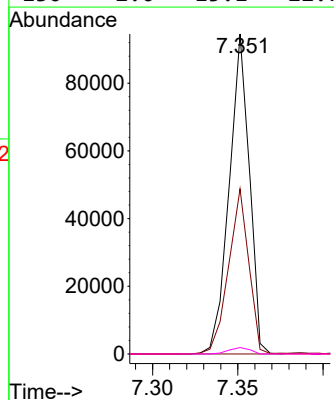
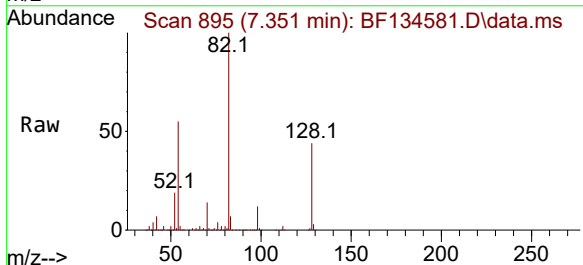
Instrument :
BNA_F
ClientSampleId :
RPTP-5-CS-5

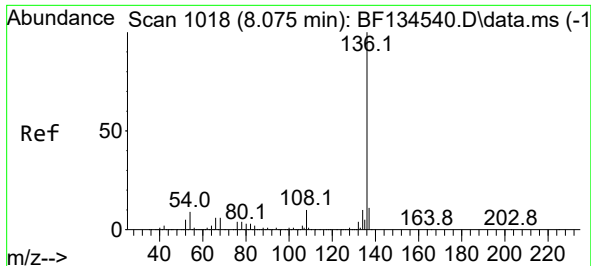
Tgt Ion: 99 Resp: 1013000
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.5 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.336 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.136 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

Tgt Ion: 70 Resp: 77754
Ion Ratio Lower Upper
70 100
42 51.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#

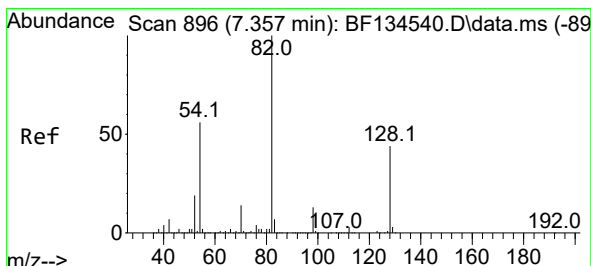
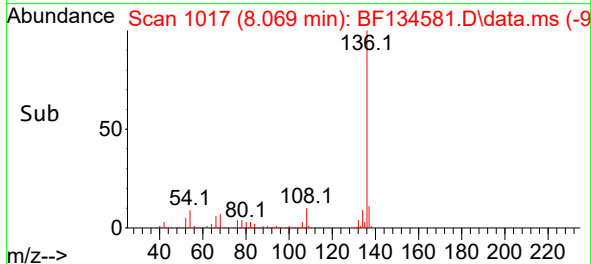
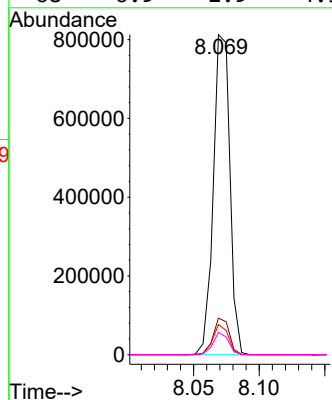
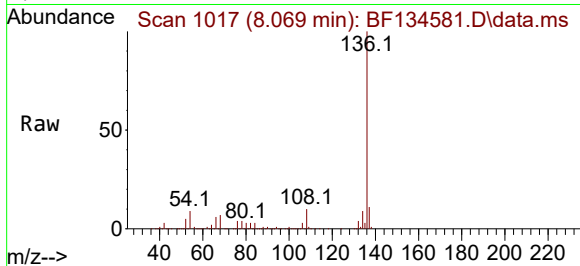




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

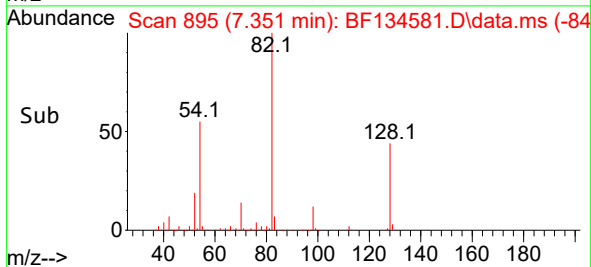
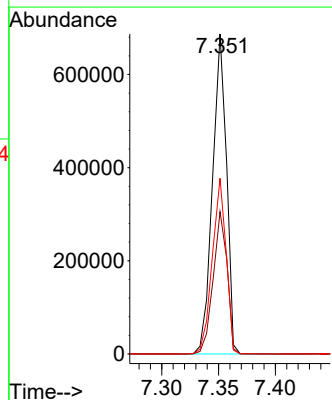
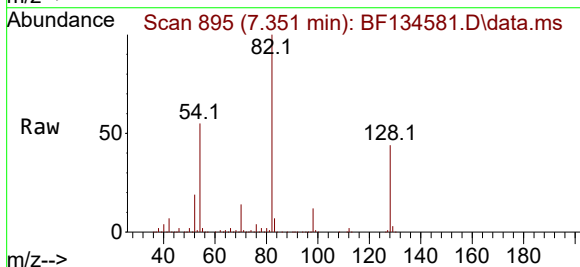
Instrument :
BNA_F
ClientSampleId :
RPTP-5-CS-5

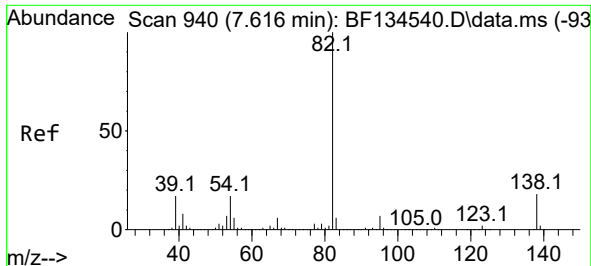
Tgt Ion:136 Resp: 713910
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.4 5.2 7.8#
68 6.9 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 51.179 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

Tgt Ion: 82 Resp: 584667
Ion Ratio Lower Upper
82 100
128 44.4 34.3 51.5
54 54.9 43.8 65.6

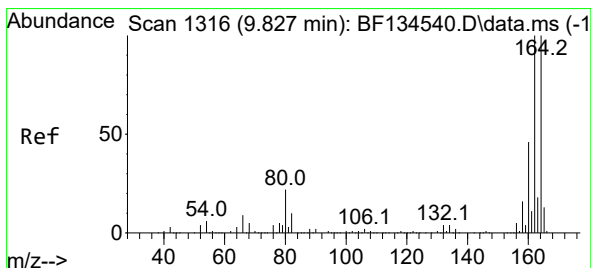
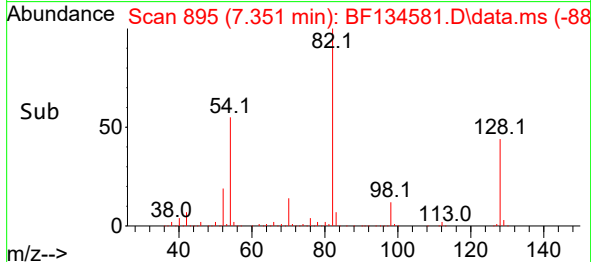
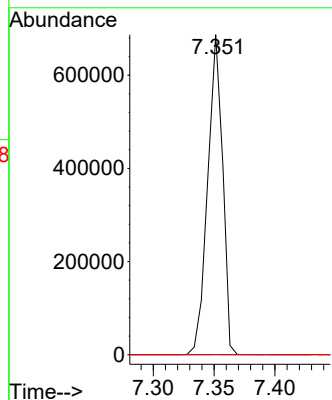
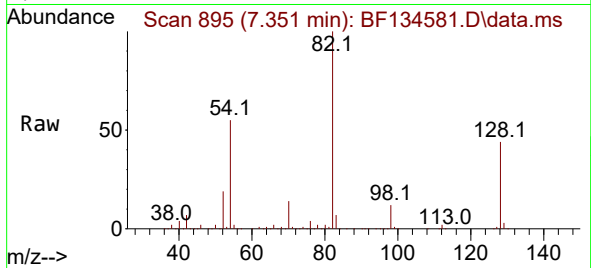




#25
Isophorone
Concen: 23.465 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

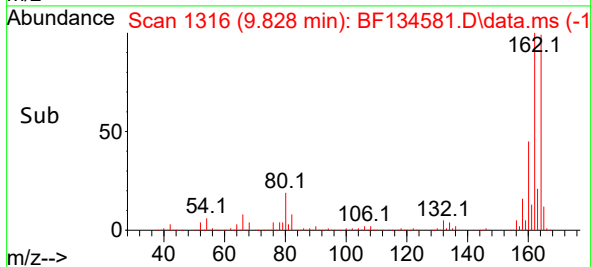
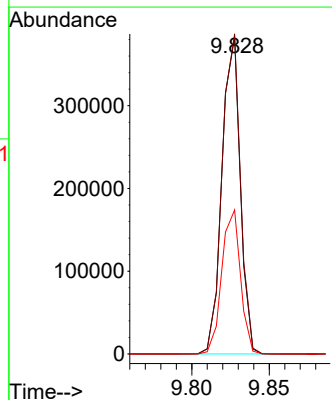
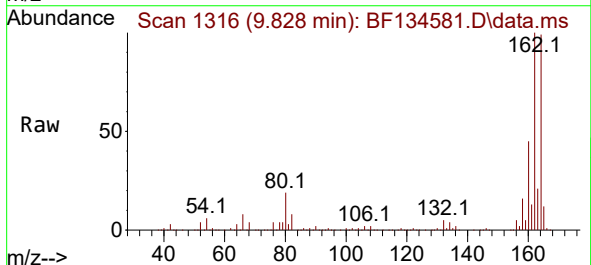
Instrument :
BNA_F
ClientSampleId :
RPTP-5-CS-5

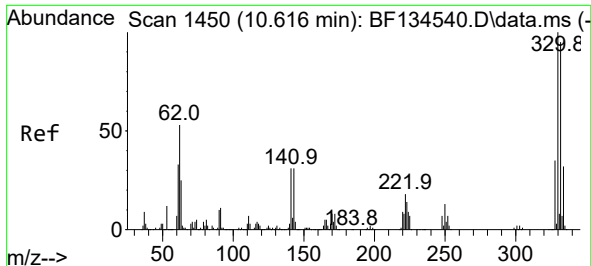
Tgt Ion: 82 Resp: 584659
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

Tgt Ion:164 Resp: 314740
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 45.5 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 60.139 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134581.D

Acq: 02 Aug 2023 15:49

Instrument :

BNA_F

ClientSampleId :

RPTP-5-CS-5

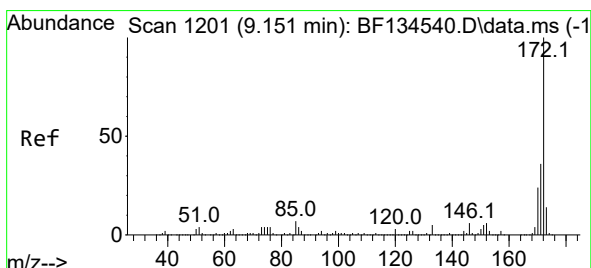
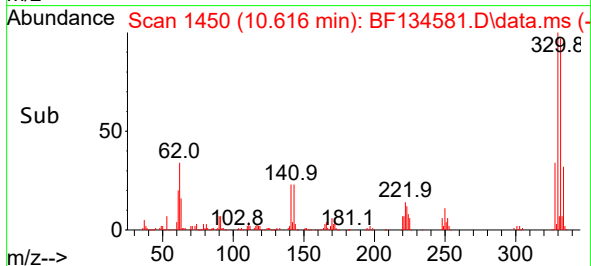
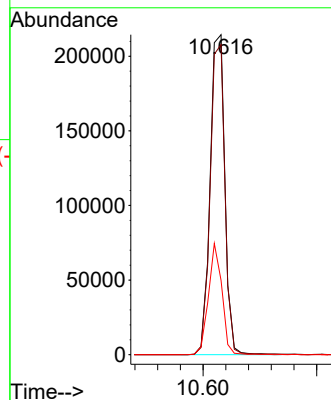
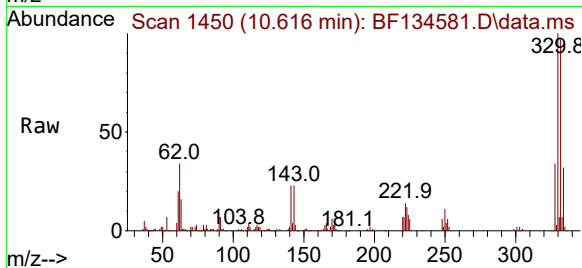
Tgt Ion:330 Resp: 192953

Ion Ratio Lower Upper

330 100

332 96.5 78.8 118.2

141 31.7 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 54.481 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134581.D

Acq: 02 Aug 2023 15:49

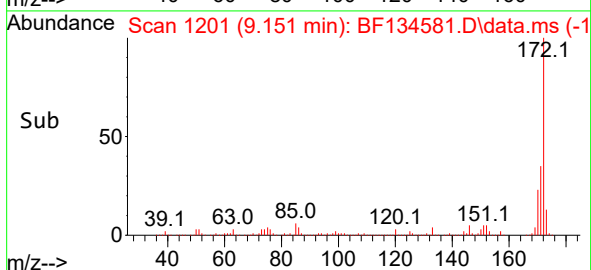
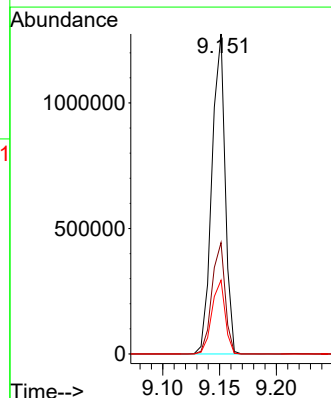
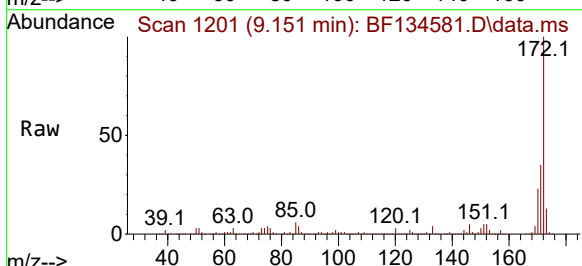
Tgt Ion:172 Resp: 1031303

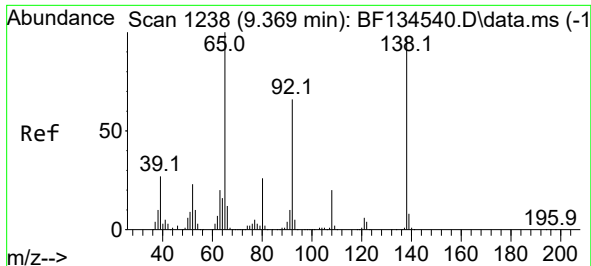
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.0 18.7 28.1





#48

2-Nitroaniline

Concen: 3.231 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.100 min

Lab File: BF134581.D

Acq: 02 Aug 2023 15:49

Instrument :

BNA_F

ClientSampleId :

RPTP-5-CS-5

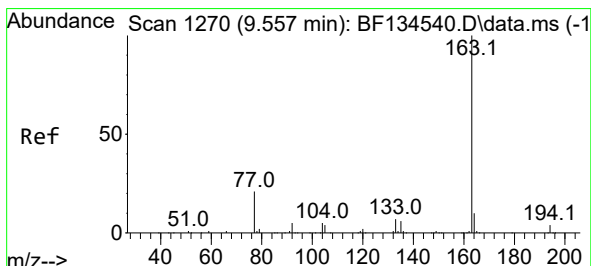
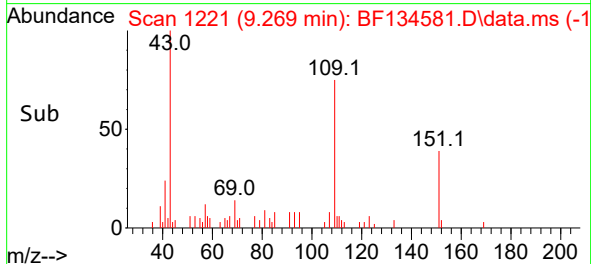
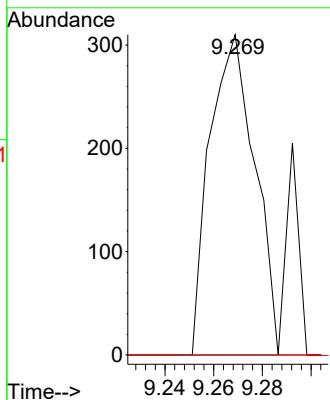
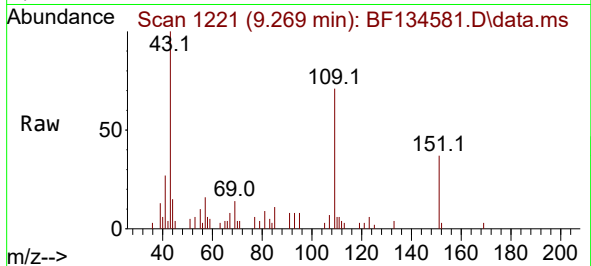
Tgt Ion: 65 Resp: 397

Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#



#50

Dimethylphthalate

Concen: 2.272 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF134581.D

Acq: 02 Aug 2023 15:49

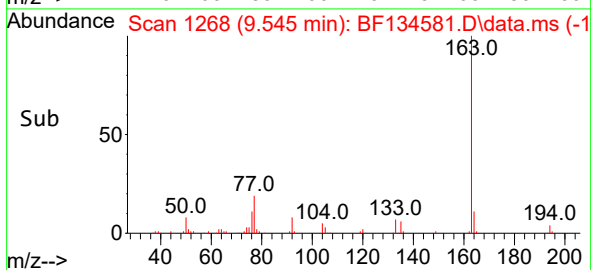
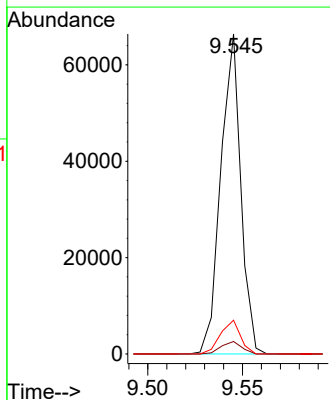
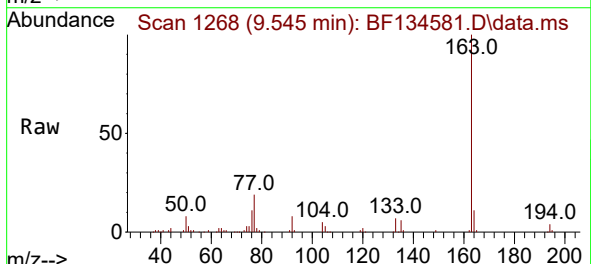
Tgt Ion: 163 Resp: 48732

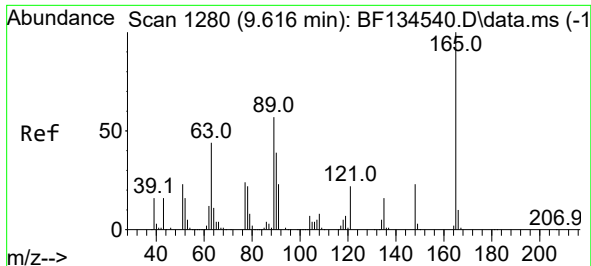
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.6 7.5 11.3

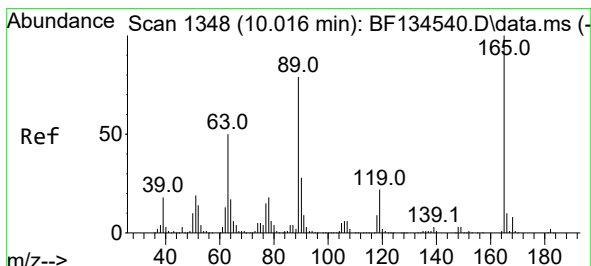
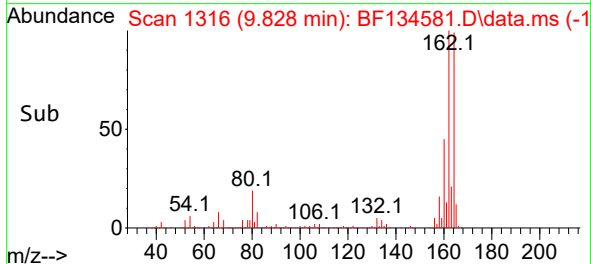
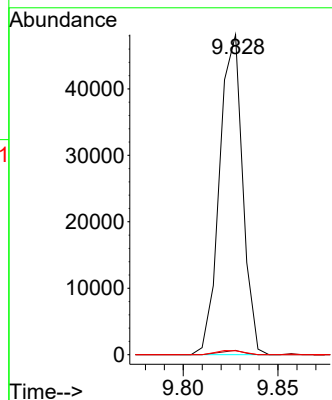
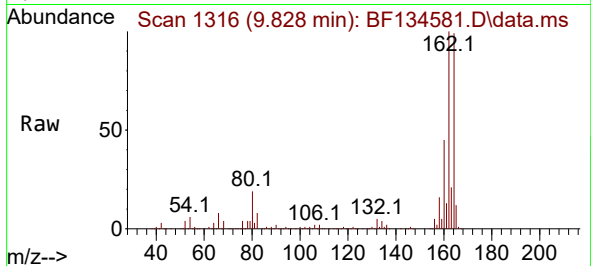




#51
2,6-Dinitrotoluene
Concen: 11.299 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

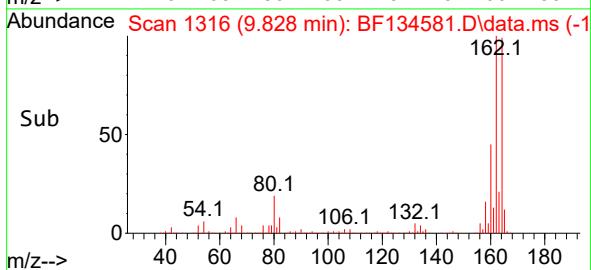
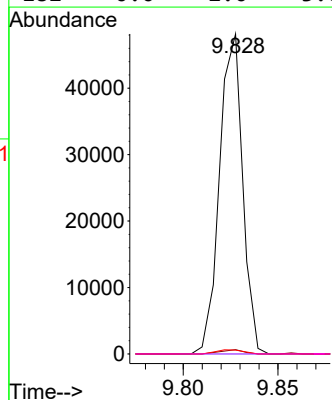
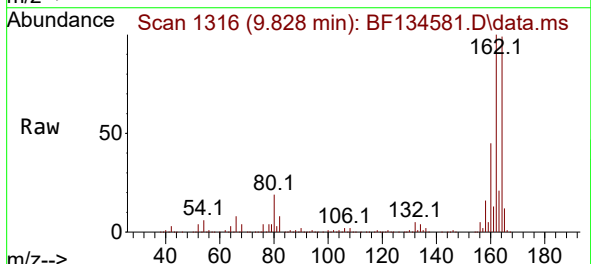
Instrument :
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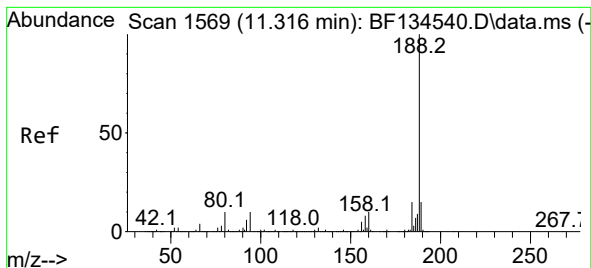
Tgt Ion:165 Resp: 40816
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.2 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.083 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

Tgt Ion:165 Resp: 40816
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#

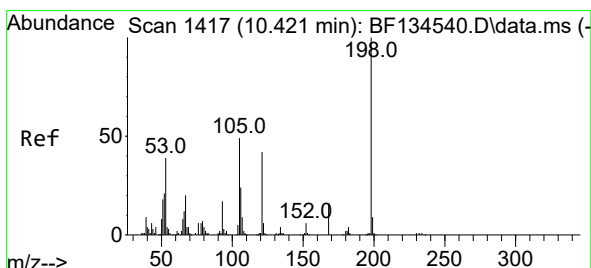
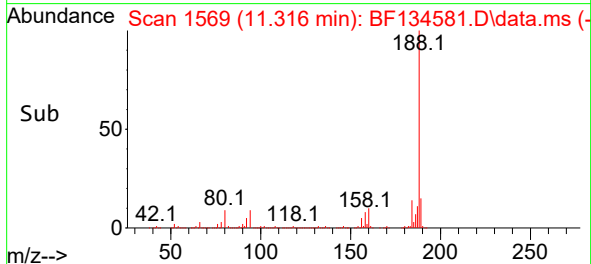
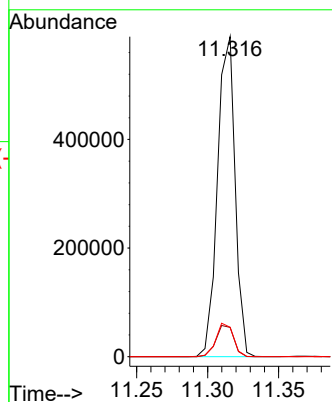
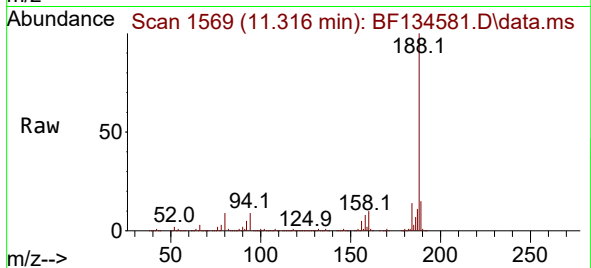




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

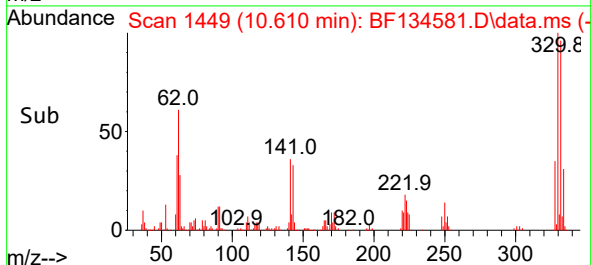
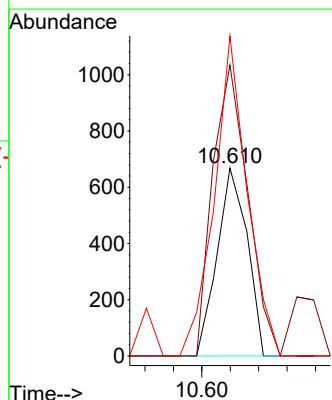
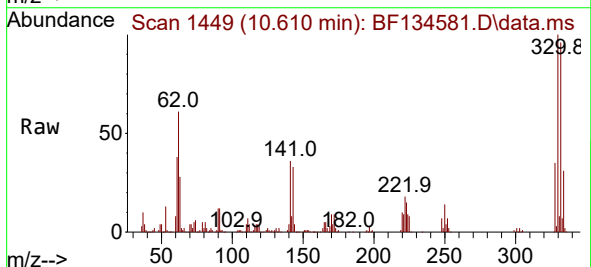
Instrument :
BNA_F
ClientSampleId :
RPTP-5-CS-5

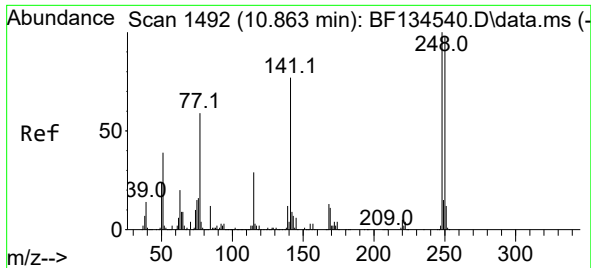
Tgt Ion:188 Resp: 506446
Ion Ratio Lower Upper
188 100
94 9.1 5.1 7.7#
80 9.2 6.6 9.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.895 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.189 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

Tgt Ion:198 Resp: 489
Ion Ratio Lower Upper
198 100
51 154.9 38.6 78.6#
105 170.4 27.9 67.9#

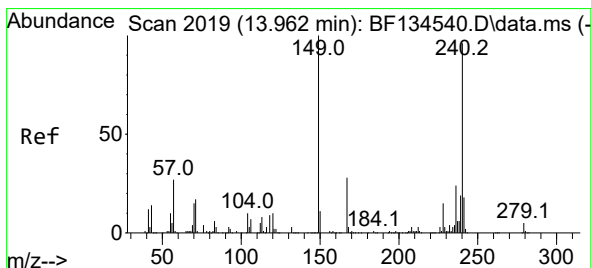
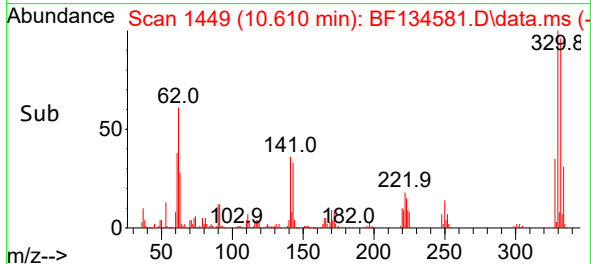
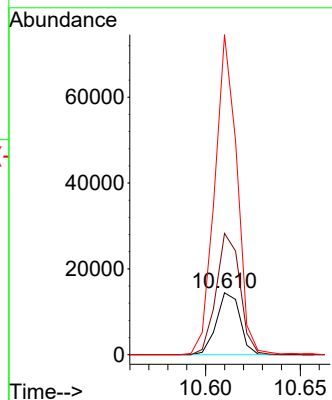
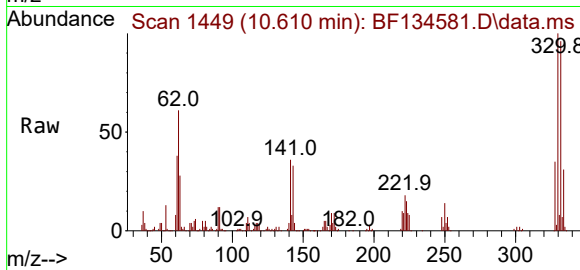




#67
4-Bromophenyl-phenylether
Concen: 2.250 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

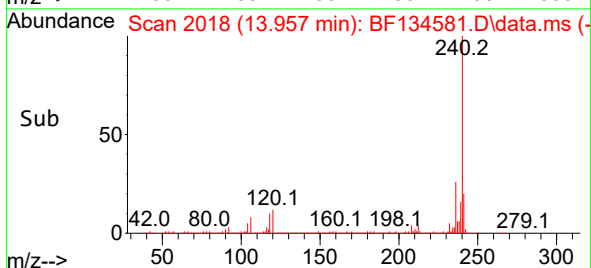
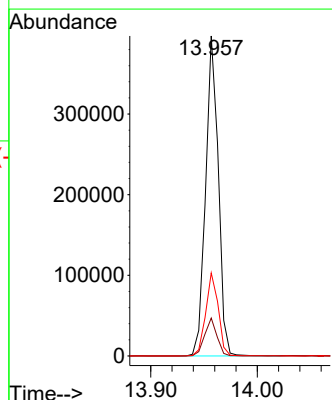
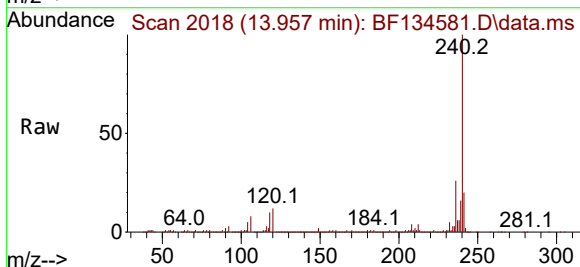
Instrument :
BNA_F
ClientSampleId :
RPTP-5-CS-5

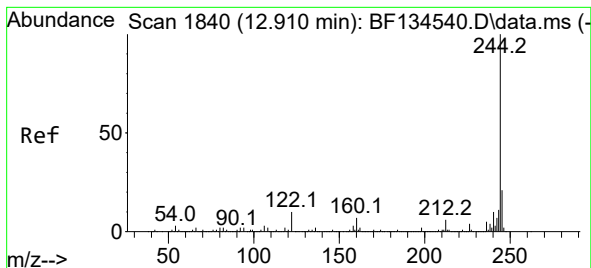
Tgt Ion:248 Resp: 12475
Ion Ratio Lower Upper
248 100
250 195.9 79.6 119.4#
141 517.2 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134581.D
Acq: 02 Aug 2023 15:49

Tgt Ion:240 Resp: 329729
Ion Ratio Lower Upper
240 100
120 11.8 6.6 10.0#
236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 50.803 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134581.D

Acq: 02 Aug 2023 15:49

Instrument :

BNA_F

ClientSampleId :

RPTP-5-CS-5

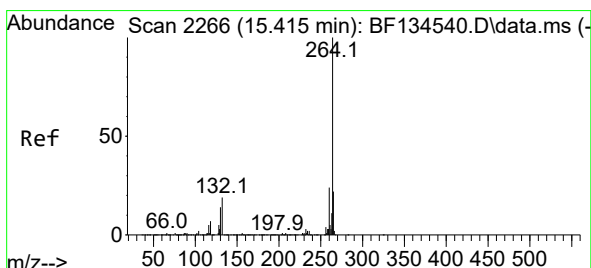
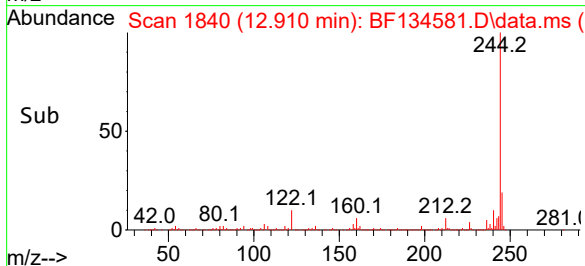
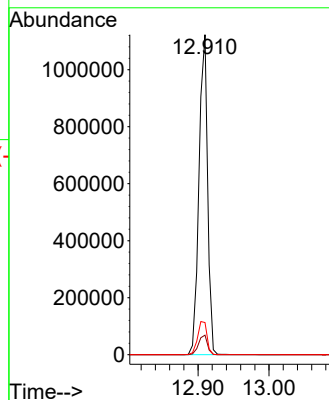
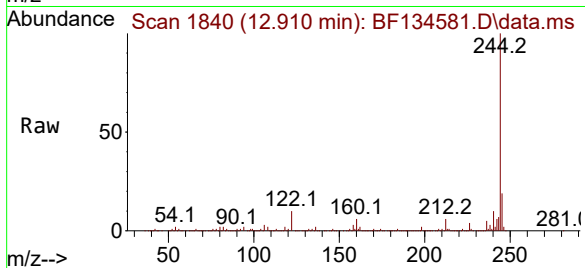
Tgt Ion:244 Resp: 950236

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

122 10.1 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF134581.D

Acq: 02 Aug 2023 15:49

Tgt Ion:264 Resp: 267953

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 21.8 15.8 23.8

