

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134583.D
 Acq On : 02 Aug 2023 16:55
 Operator : CG\JU
 Sample : 03681-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-1-CS-1

Quant Time: Aug 03 01:48:25 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)

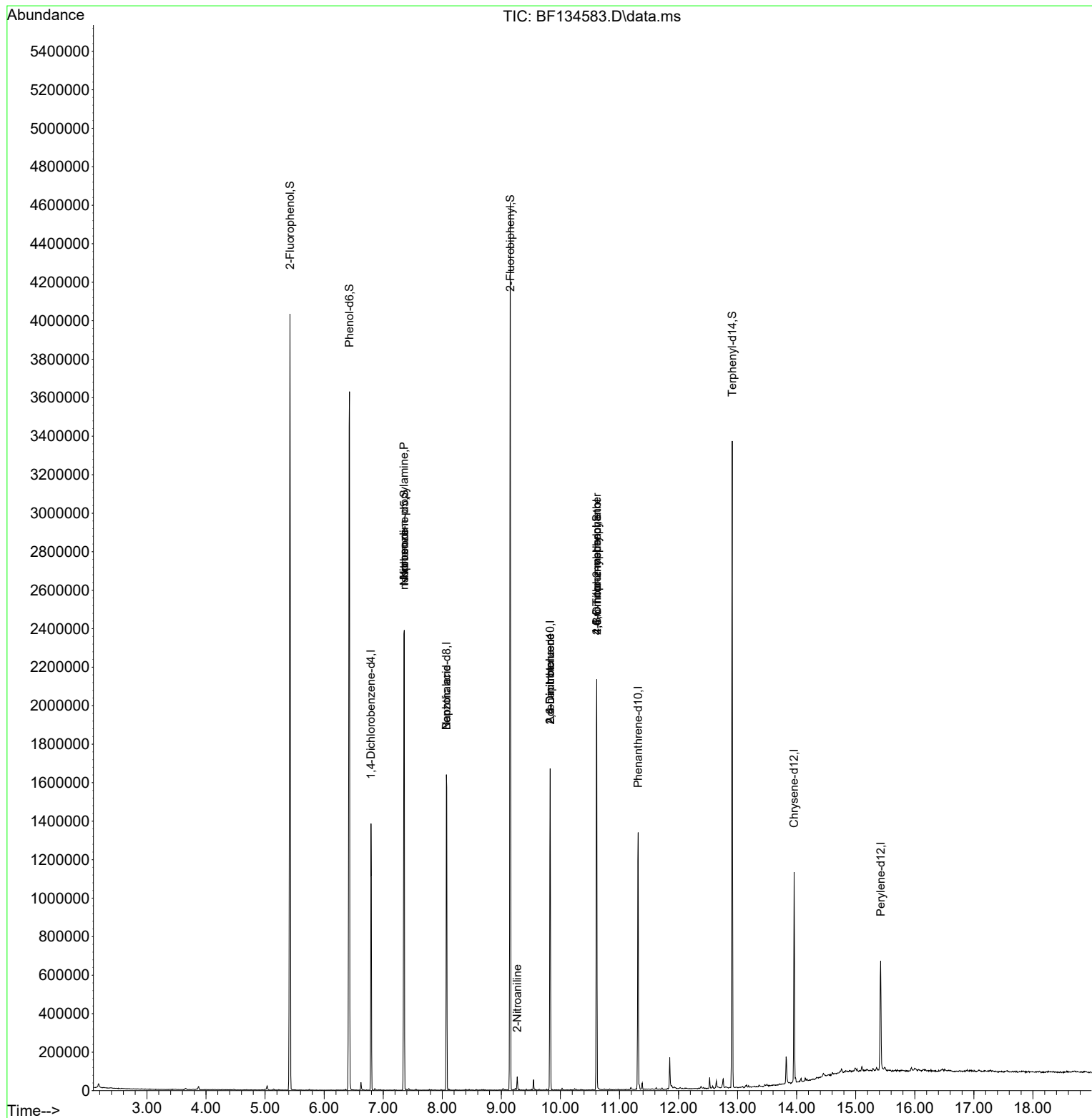
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	187498	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	714163	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	299783	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	469830	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	326084	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	263306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1090523	88.412	ng	0.00
7) Phenol-d6	6.428	99	1382148	87.659	ng	0.00
23) Nitrobenzene-d5	7.357	82	795609	69.620	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	252421	82.598	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1290365	71.568	ng	0.00
79) Terphenyl-d14	12.910	244	1121916	60.653	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	2205	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	105672	11.194	ng	# 76
25) Isophorone	7.357	82	795600	31.919	ng	# 65
32) Benzoic acid	8.069	122	168	7.886	ng	# 1
48) 2-Nitroaniline	9.269	65	651	3.278	ng	# 8
51) 2,6-Dinitrotoluene	9.828	165	38865	11.296	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	38865	10.081	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	498	8.914	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16069	3.124	ng	# 1

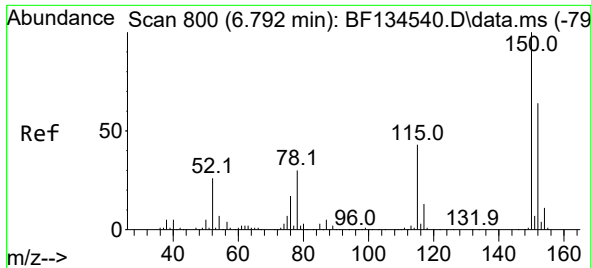
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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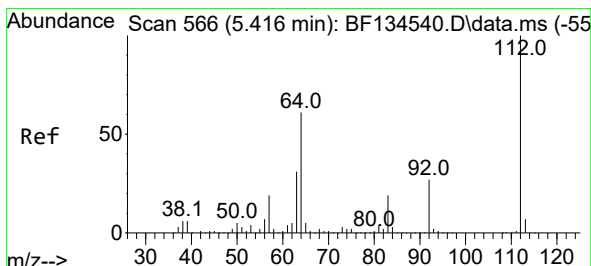
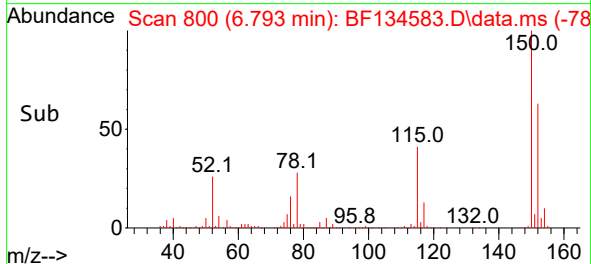
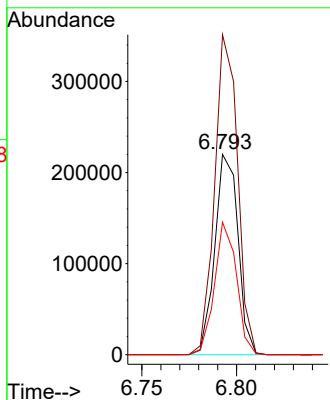
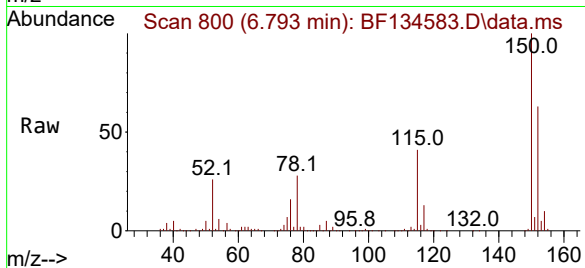




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

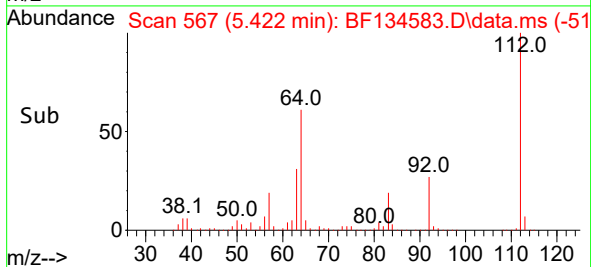
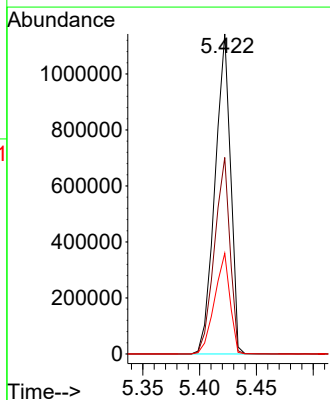
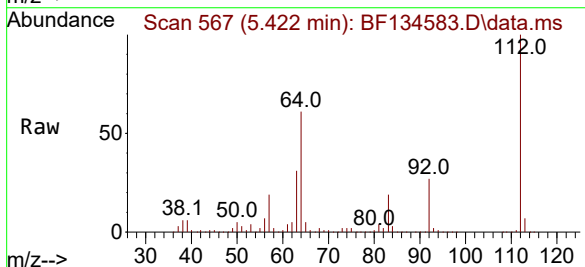
Instrument :
BNA_F
ClientSampleId :
RPTP-1-CS-1

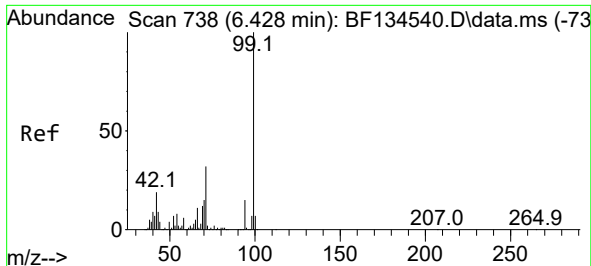
Tgt Ion:152 Resp: 187498
Ion Ratio Lower Upper
152 100
150 159.7 128.3 192.5
115 66.1 52.4 78.6



#5
2-Fluorophenol
Concen: 88.412 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

Tgt Ion:112 Resp: 1090523
Ion Ratio Lower Upper
112 100
64 61.4 44.9 67.3
63 31.5 25.4 38.0

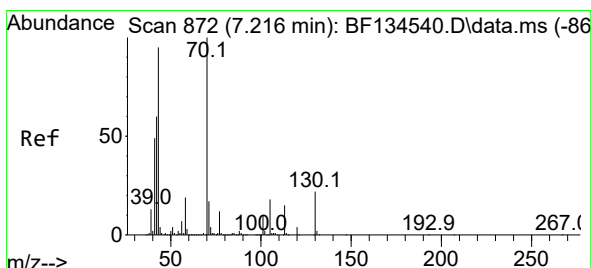
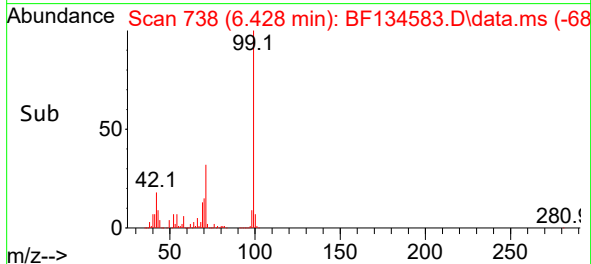
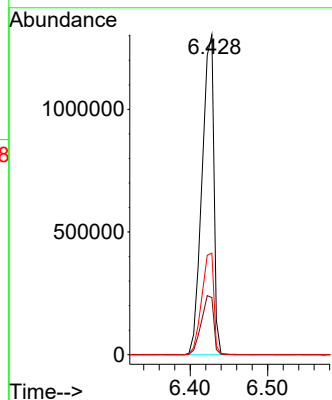
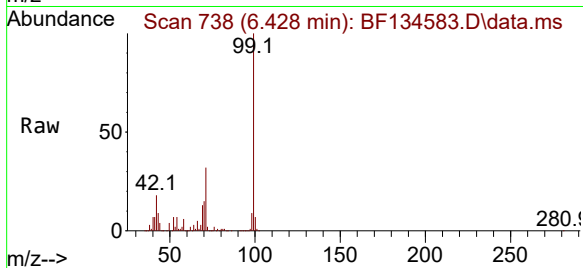




#7
Phenol-d6
Concen: 87.659 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

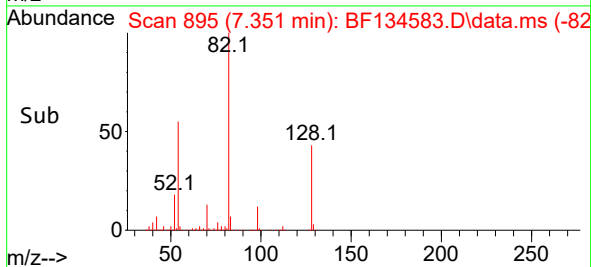
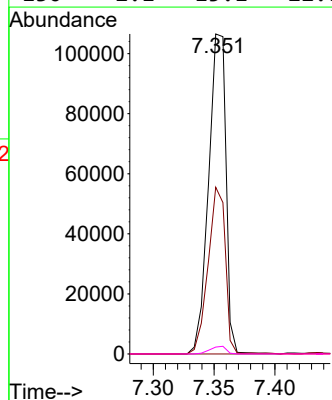
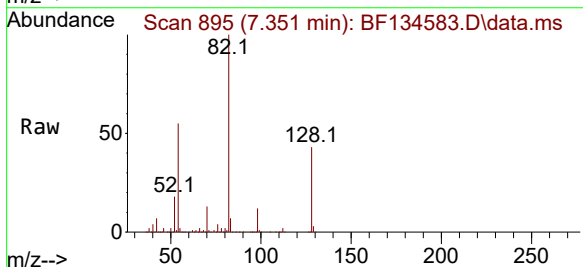
Instrument :
BNA_F
ClientSampleId :
RPTP-1-CS-1

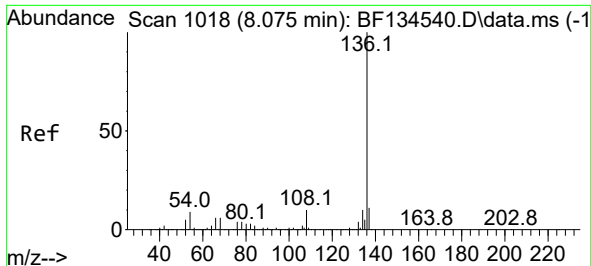
Tgt Ion: 99 Resp: 1382148
Ion Ratio Lower Upper
99 100
42 17.8 18.7 28.1#
71 31.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 11.194 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.136 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

Tgt Ion: 70 Resp: 105672
Ion Ratio Lower Upper
70 100
42 52.1 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

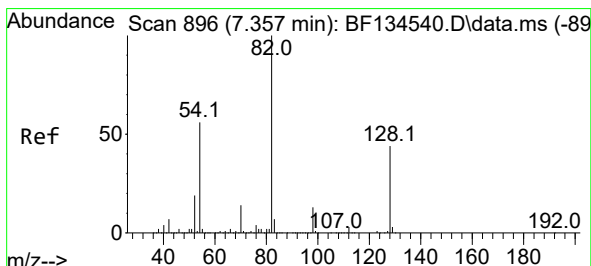
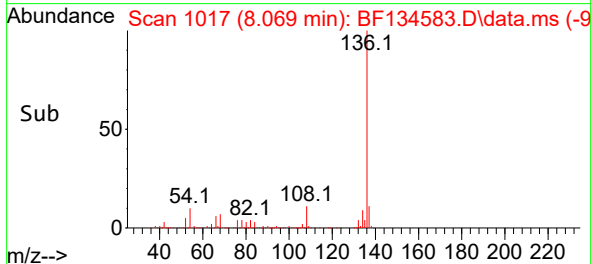
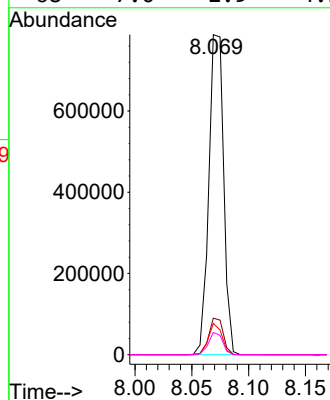
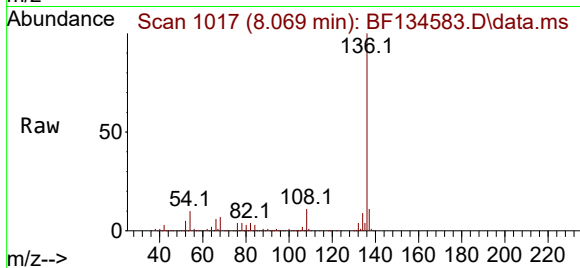




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

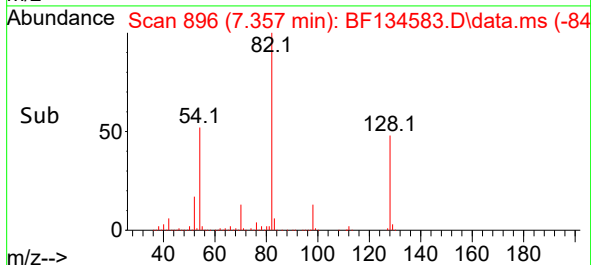
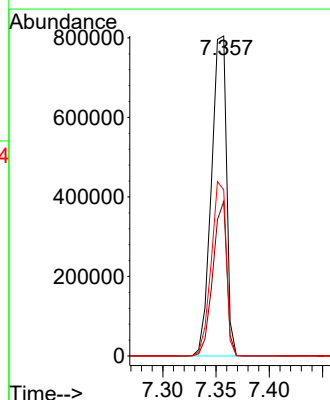
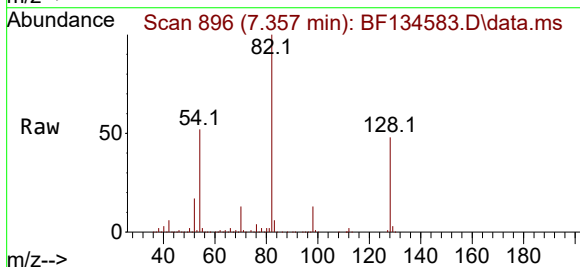
Instrument :
BNA_F
ClientSampleId :
RPTP-1-CS-1

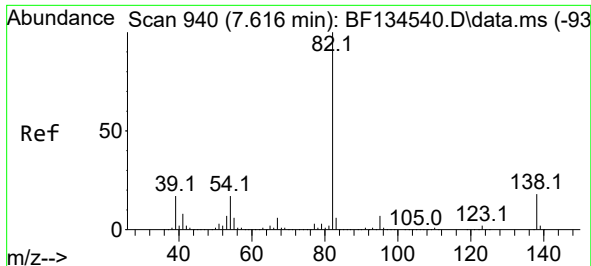
Tgt Ion:136 Resp: 714163
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.8 5.2 7.8#
68 7.0 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 69.620 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

Tgt Ion: 82 Resp: 795609
Ion Ratio Lower Upper
82 100
128 48.2 34.3 51.5
54 51.8 43.8 65.6

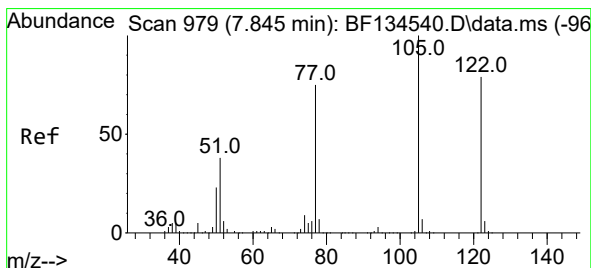
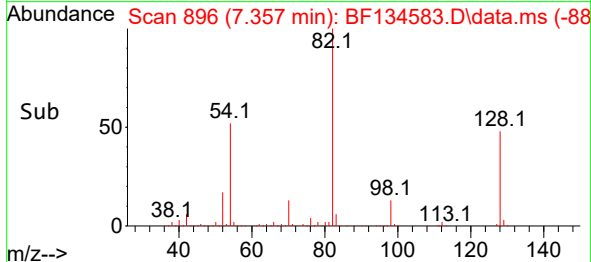
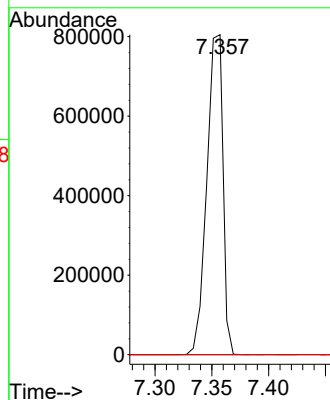
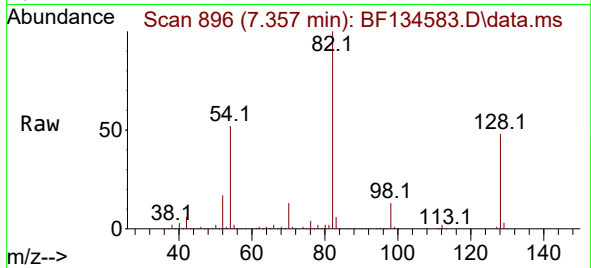




#25
Isophorone
Concen: 31.919 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

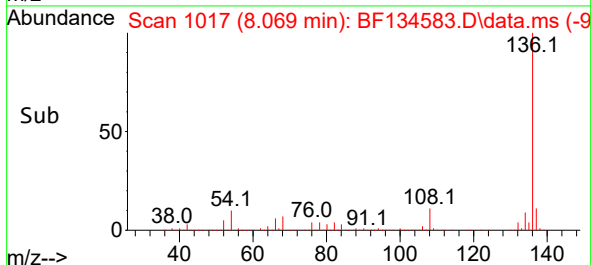
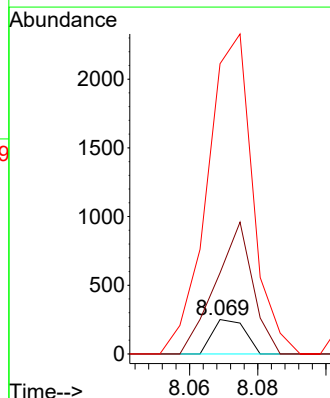
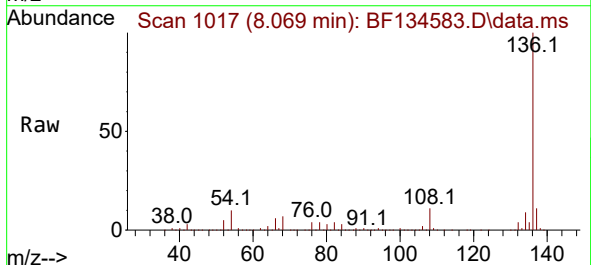
Instrument :
BNA_F
ClientSampleId :
RPTP-1-CS-1

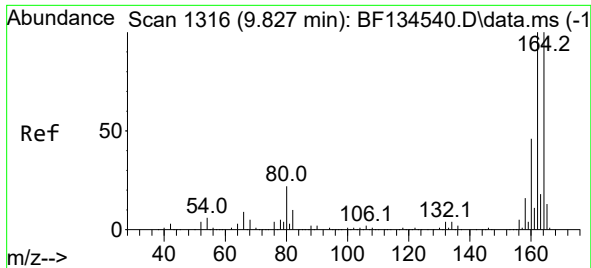
Tgt Ion: 82 Resp: 795600
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.886 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.224 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

Tgt Ion:122 Resp: 168
Ion Ratio Lower Upper
122 100
105 236.0 87.5 127.5#
77 845.2 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134583.D

Acq: 02 Aug 2023 16:55

Instrument :

BNA_F

ClientSampleId :

RPTP-1-CS-1

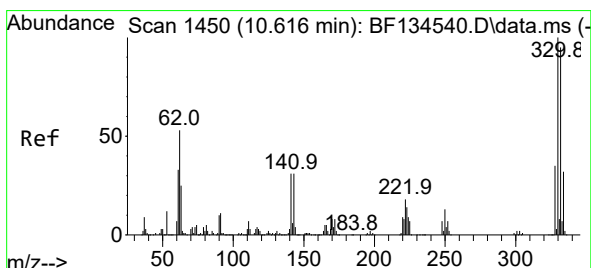
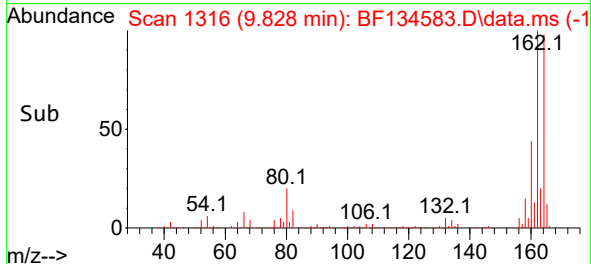
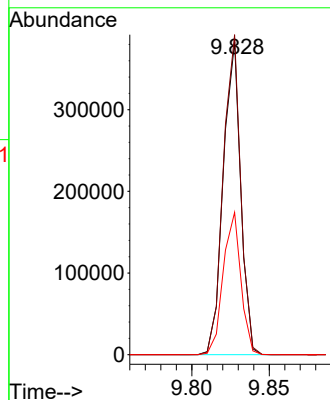
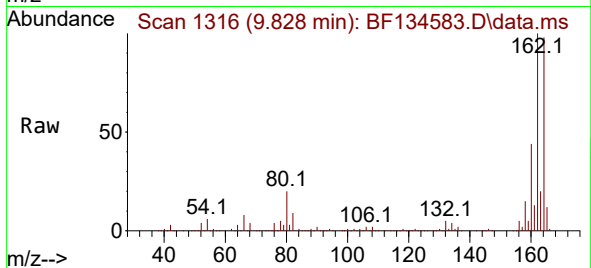
Tgt Ion:164 Resp: 299783

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

160 45.5 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 82.598 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134583.D

Acq: 02 Aug 2023 16:55

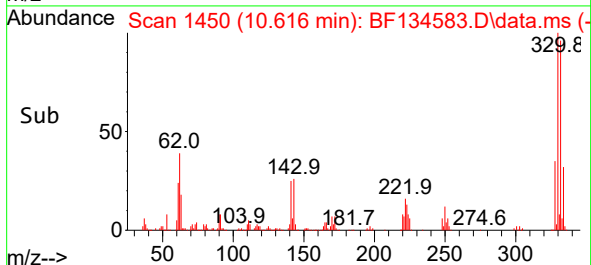
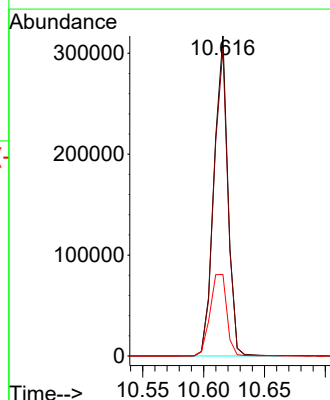
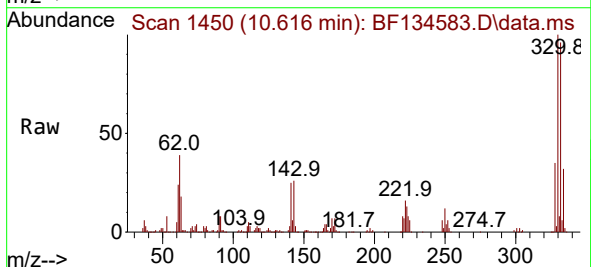
Tgt Ion:330 Resp: 252421

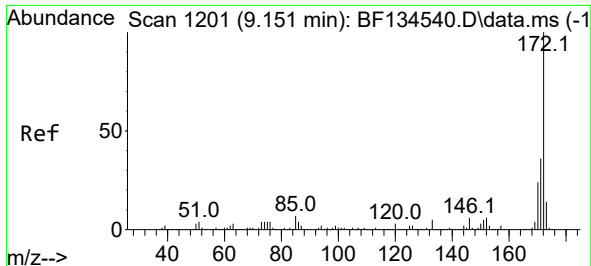
Ion Ratio Lower Upper

330 100

332 97.0 78.8 118.2

141 30.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 71.568 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134583.D

Acq: 02 Aug 2023 16:55

Instrument :

BNA_F

ClientSampleId :

RPTP-1-CS-1

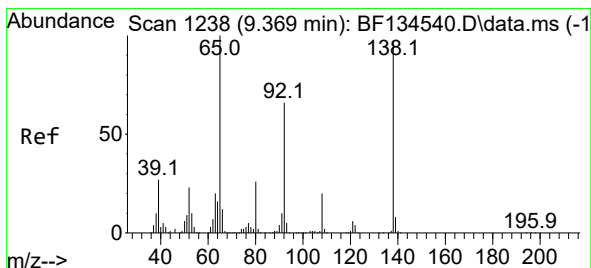
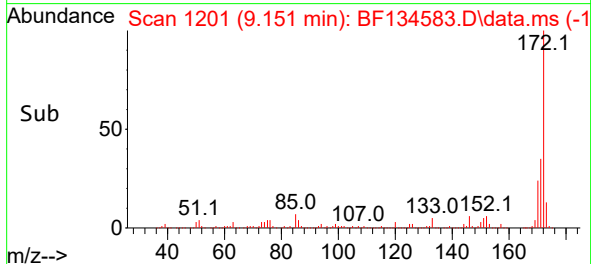
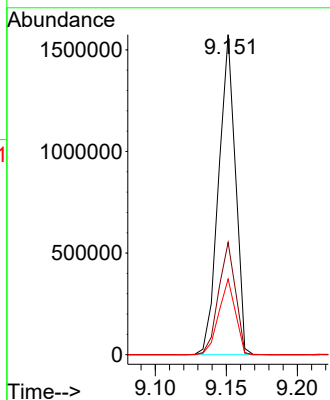
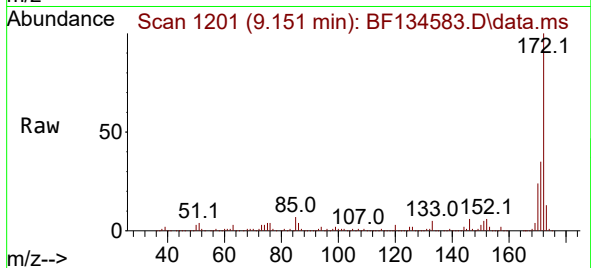
Tgt Ion:172 Resp: 1290365

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.7 18.7 28.1



#48

2-Nitroaniline

Concen: 3.278 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134583.D

Acq: 02 Aug 2023 16:55

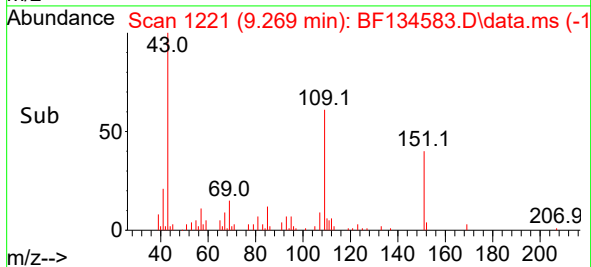
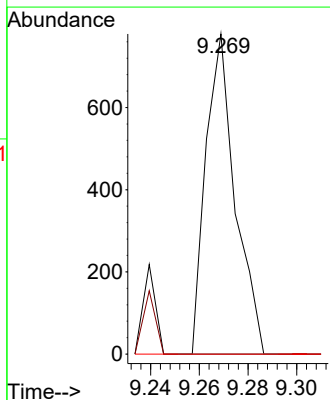
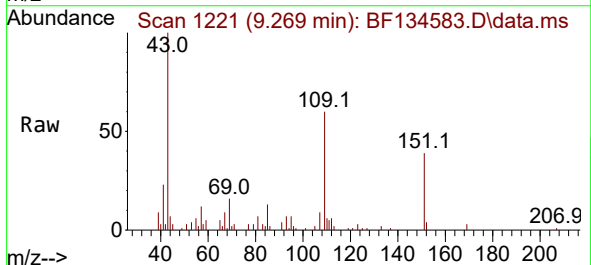
Tgt Ion: 65 Resp: 651

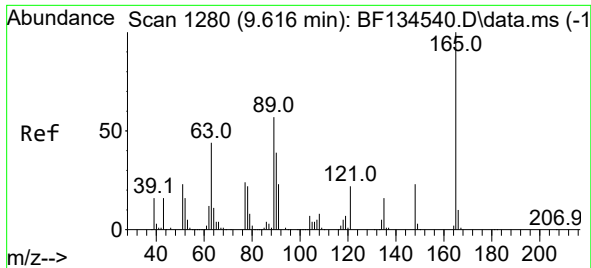
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

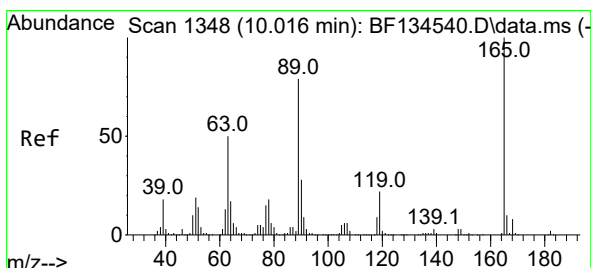
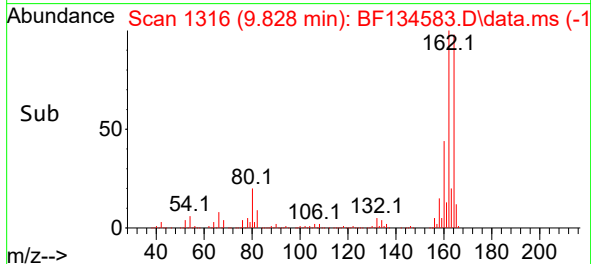
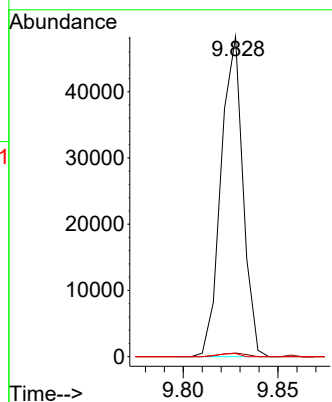
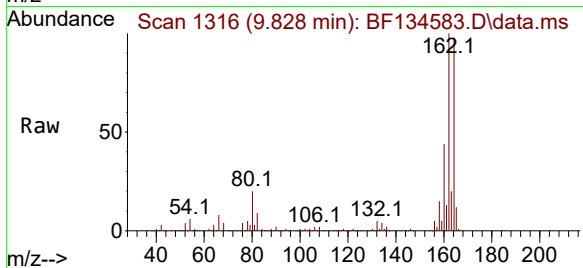




#51
2,6-Dinitrotoluene
Concen: 11.296 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

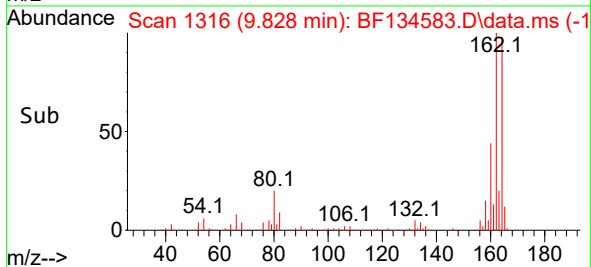
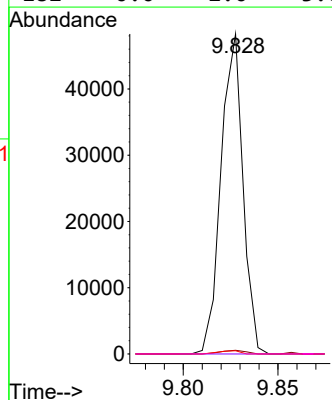
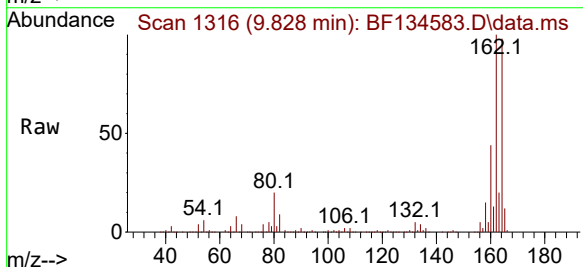
Instrument :
BNA_F
ClientSampleId :
RPTP-1-CS-1

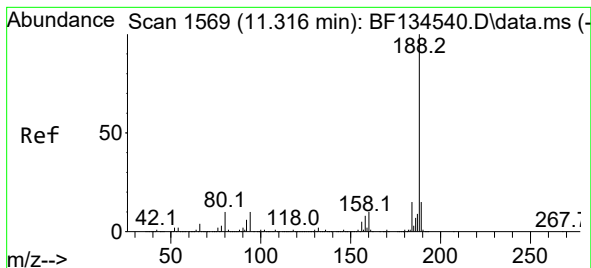
Tgt Ion:165 Resp: 38865
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.0 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.081 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

Tgt Ion:165 Resp: 38865
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#

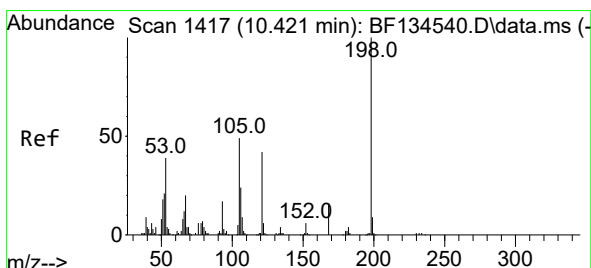
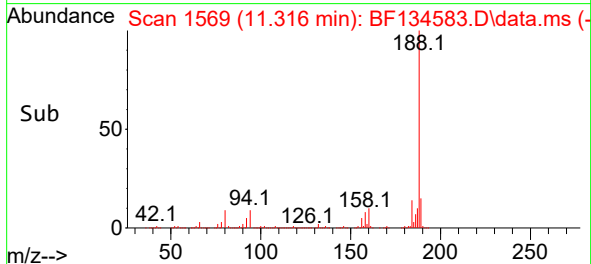
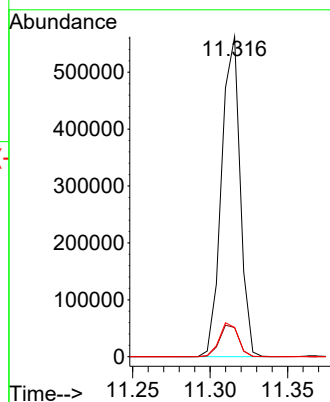
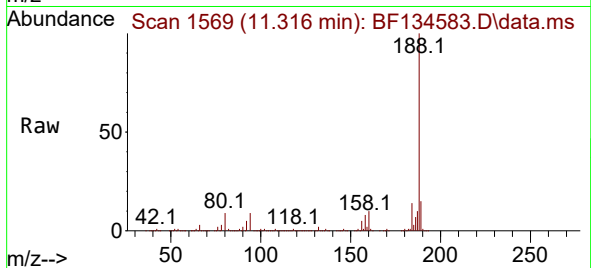




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

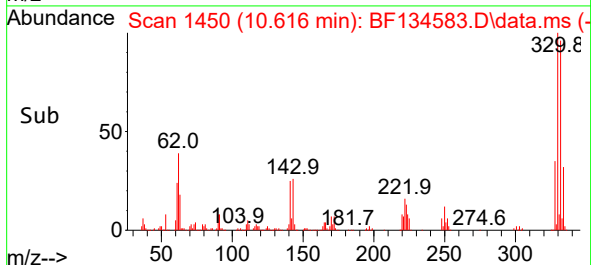
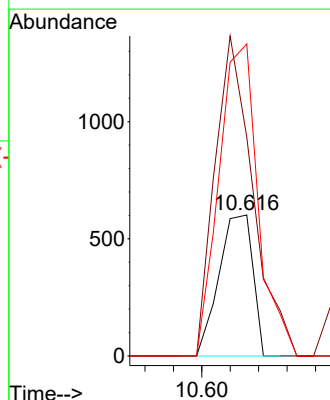
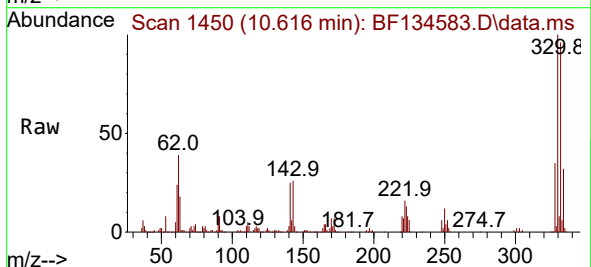
Instrument :
BNA_F
ClientSampleId :
RPTP-1-CS-1

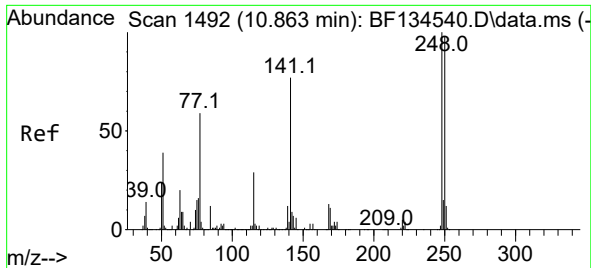
Tgt Ion:188 Resp: 469830
Ion Ratio Lower Upper
188 100
94 9.1 5.1 7.7#
80 9.2 6.6 9.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.914 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.195 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

Tgt Ion:198 Resp: 498
Ion Ratio Lower Upper
198 100
51 155.3 38.6 78.6#
105 221.3 27.9 67.9#

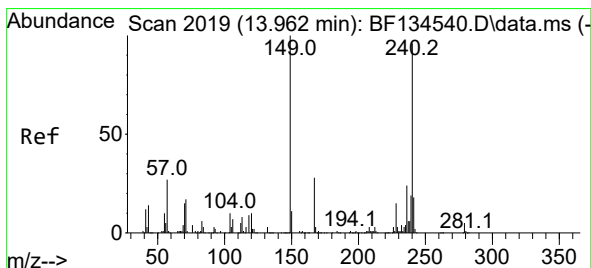
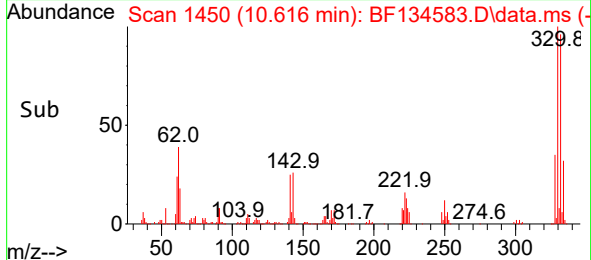
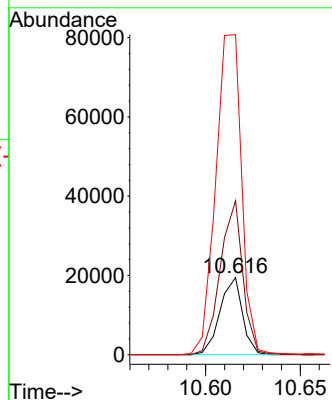
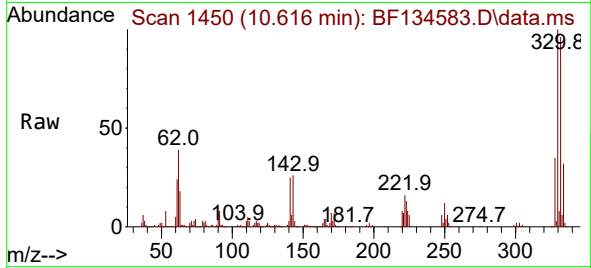




#67
4-Bromophenyl-phenylether
Concen: 3.124 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

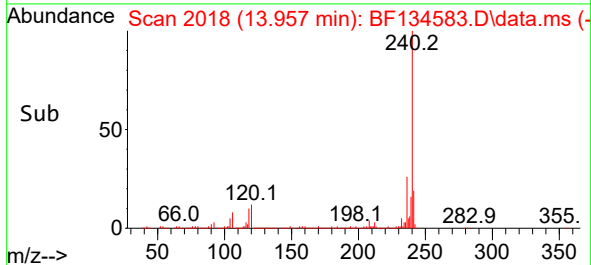
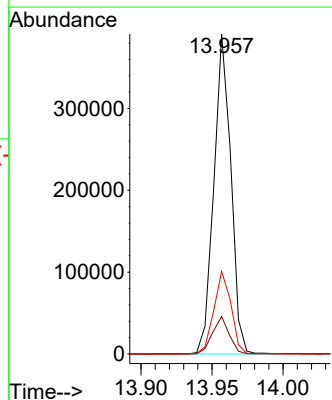
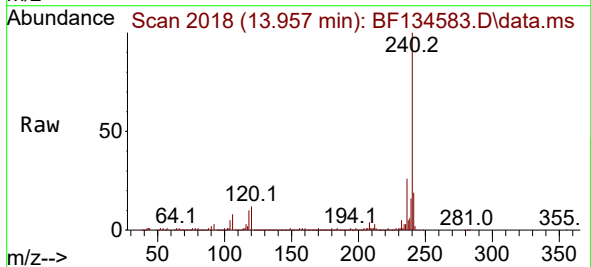
Instrument :
BNA_F
ClientSampleId :
RPTP-1-CS-1

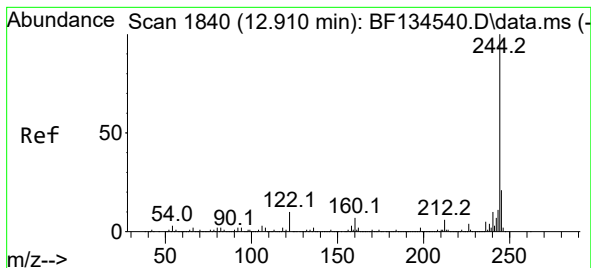
Tgt Ion:248 Resp: 16069
Ion Ratio Lower Upper
248 100
250 199.6 79.6 119.4#
141 415.2 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134583.D
Acq: 02 Aug 2023 16:55

Tgt Ion:240 Resp: 326084
Ion Ratio Lower Upper
240 100
120 11.7 6.6 10.0#
236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 60.653 ng

RT: 12.910 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134583.D

Acq: 02 Aug 2023 16:55

Instrument :

BNA_F

ClientSampleId :

RPTP-1-CS-1

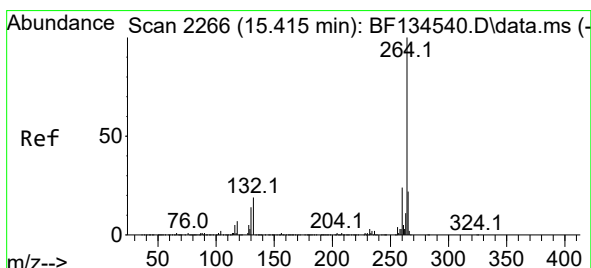
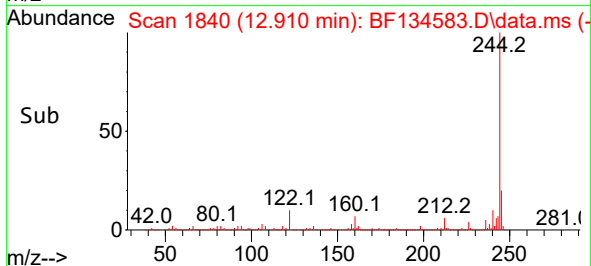
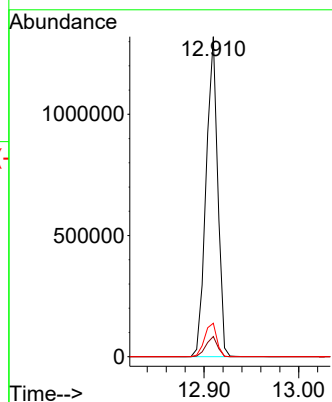
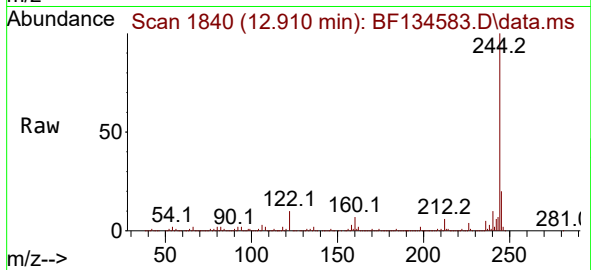
Tgt Ion:244 Resp: 1121916

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 10.5 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: BF134583.D

Acq: 02 Aug 2023 16:55

Tgt Ion:264 Resp: 263306

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.7 15.8 23.8

