

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134580.D
 Acq On : 02 Aug 2023 15:16
 Operator : CG\JU
 Sample : 03681-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-4-CS-4

Quant Time: Aug 03 01:47:46 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)

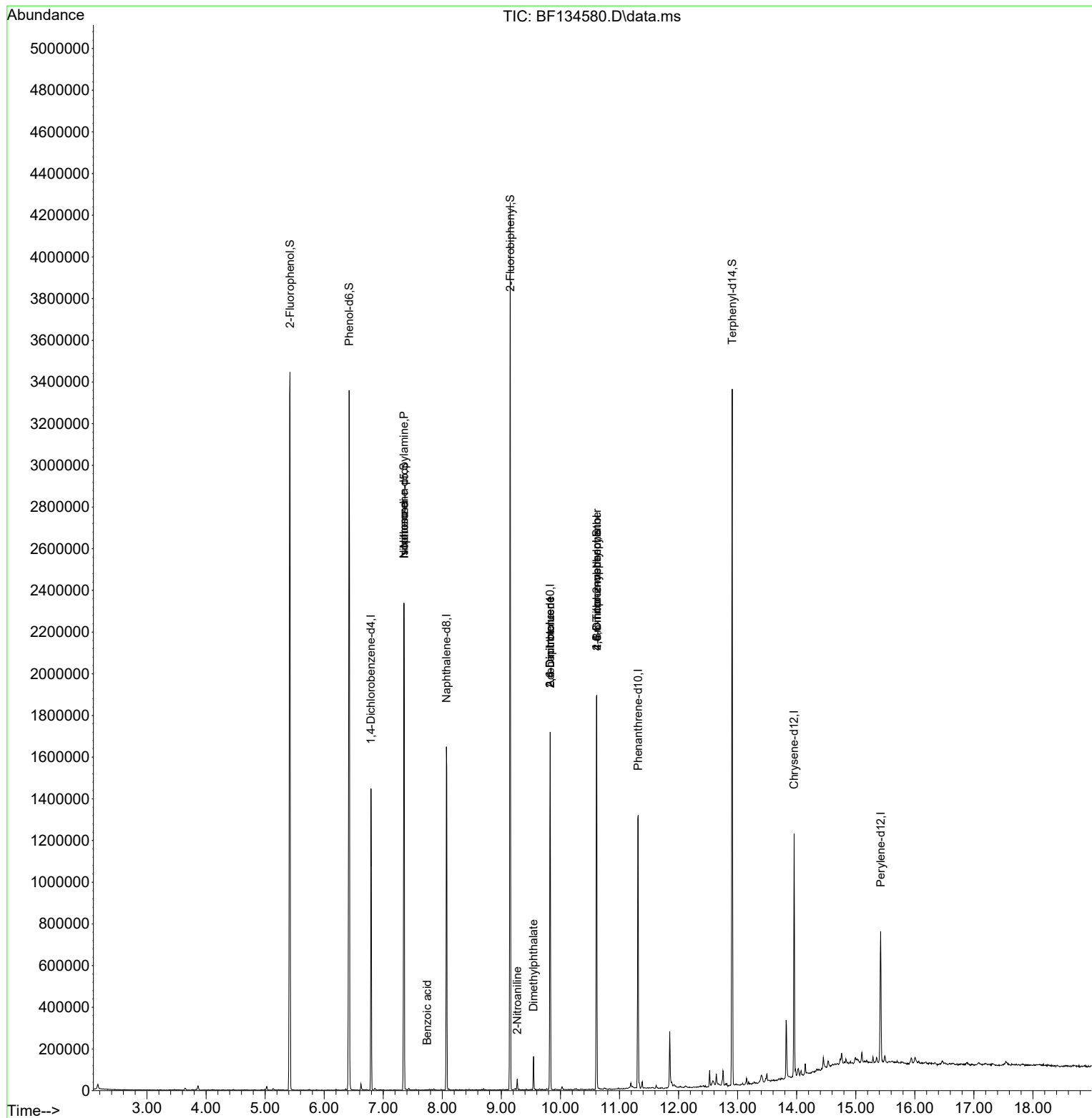
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	188177	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	720582	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	307327	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	494942	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	346081	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	286425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1006796	81.329	ng	0.00
7) Phenol-d6	6.422	99	1266592	80.040	ng	0.00
23) Nitrobenzene-d5	7.351	82	718978	62.354	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	233861	74.647	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1187772	64.261	ng	0.00
79) Terphenyl-d14	12.910	244	1114739	56.783	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.345	77	196	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.351	70	95144	10.042	ng	# 76
25) Isophorone	7.351	82	718970	28.588	ng	# 65
32) Benzoic acid	7.745	122	126	7.881	ng	# 86
48) 2-Nitroaniline	9.269	65	616	3.269	ng	# 19
50) Dimethylphthalate	9.545	163	52499	2.506	ng	98
51) 2,6-Dinitrotoluene	9.828	165	40274	11.392	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	40274	10.159	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	444	8.881	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	14528	2.681	ng	# 1

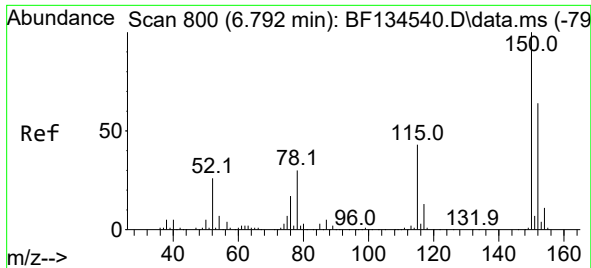
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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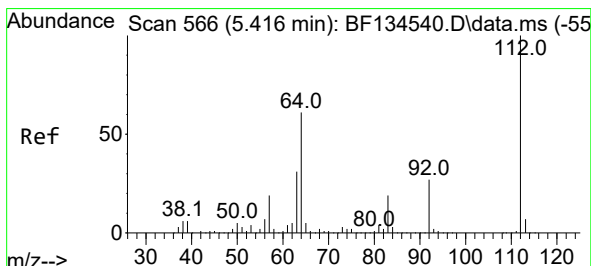
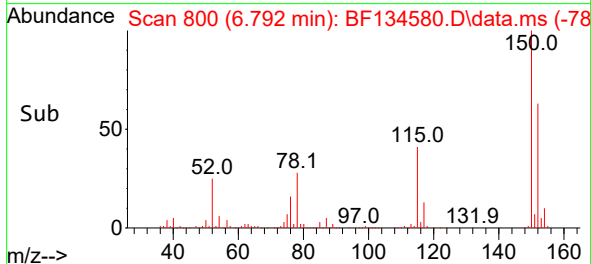
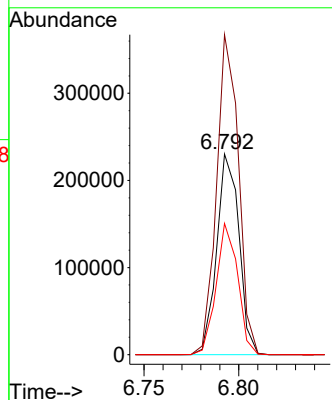
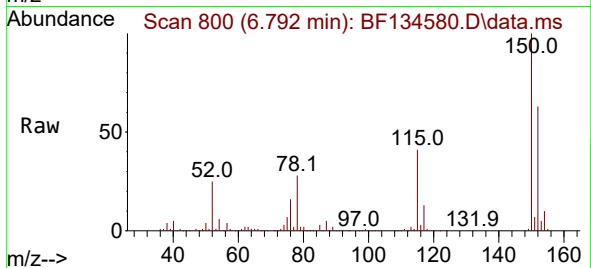




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

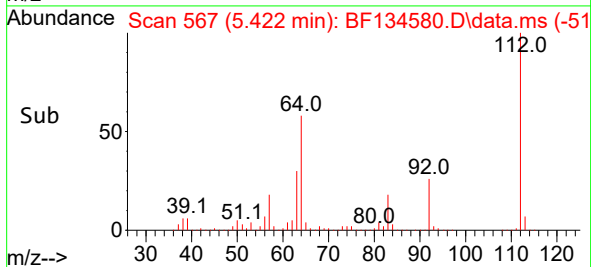
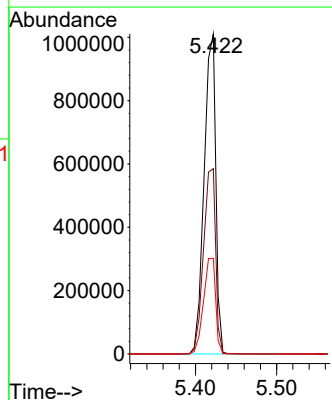
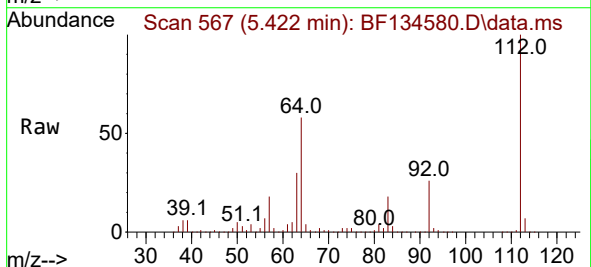
Instrument :
BNA_F
ClientSampleId :
RPTP-4-CS-4

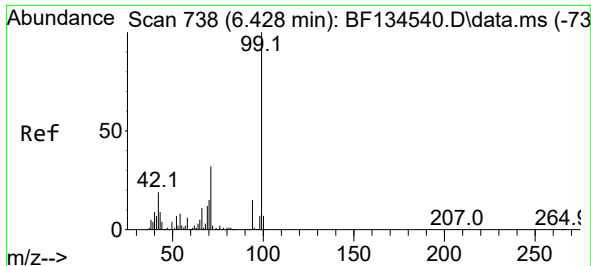
Tgt Ion:152 Resp: 188177
Ion Ratio Lower Upper
152 100
150 159.5 128.3 192.5
115 65.4 52.4 78.6



#5
2-Fluorophenol
Concen: 81.329 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

Tgt Ion:112 Resp: 1006796
Ion Ratio Lower Upper
112 100
64 57.9 44.9 67.3
63 29.9 25.4 38.0

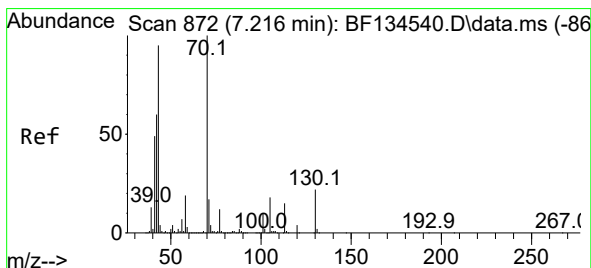
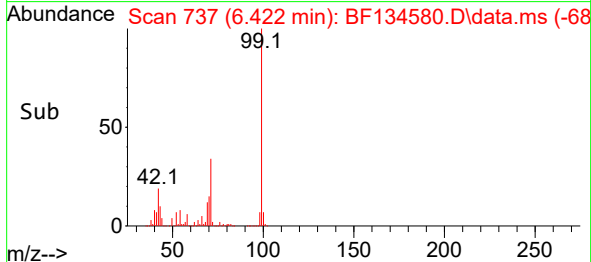
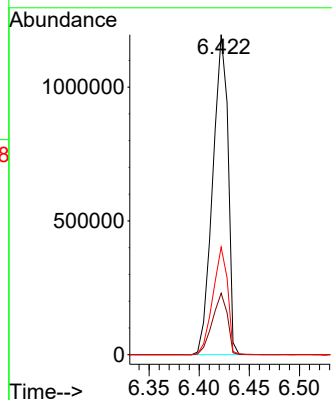
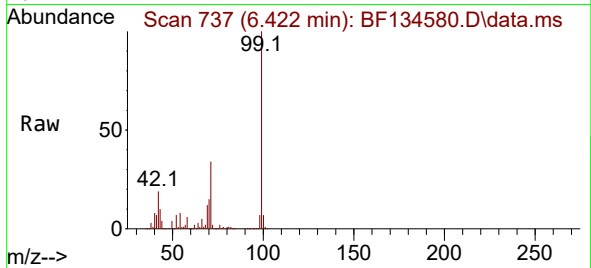




#7
Phenol-d6
Concen: 80.040 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

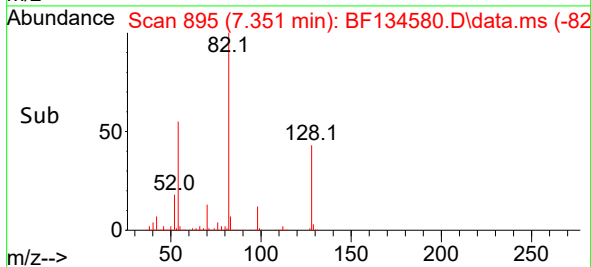
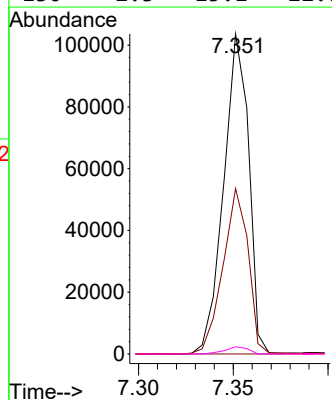
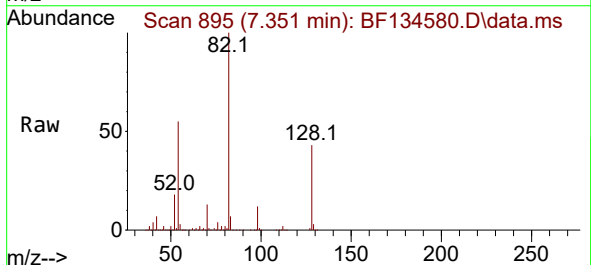
Instrument :
BNA_F
ClientSampleId :
RPTP-4-CS-4

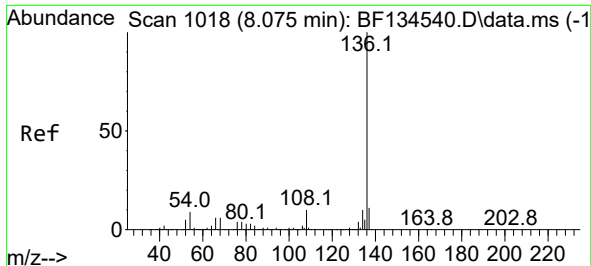
Tgt Ion: 99 Resp: 1266592
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 33.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.042 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

Tgt Ion: 70 Resp: 95144
Ion Ratio Lower Upper
70 100
42 51.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134580.D

Acq: 02 Aug 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RPTP-4-CS-4

Tgt Ion:136 Resp: 720582

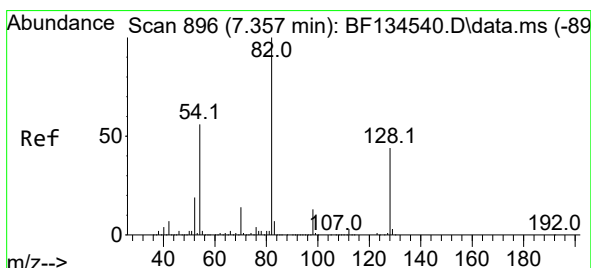
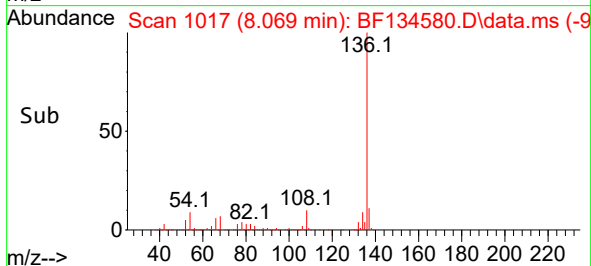
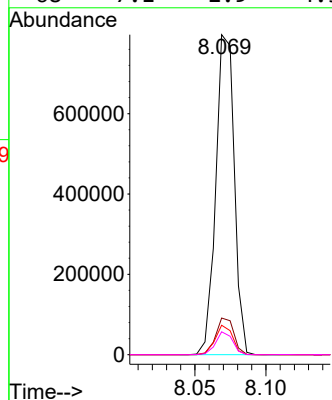
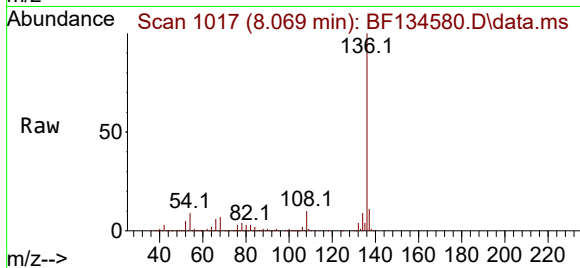
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.2 5.2 7.8#

68 7.1 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 62.354 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134580.D

Acq: 02 Aug 2023 15:16

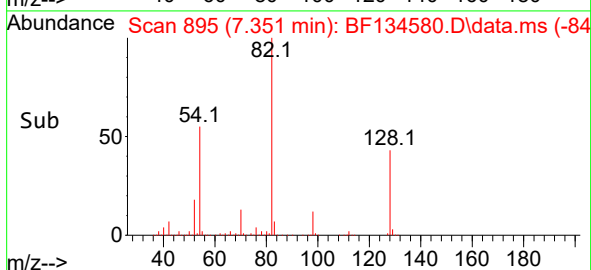
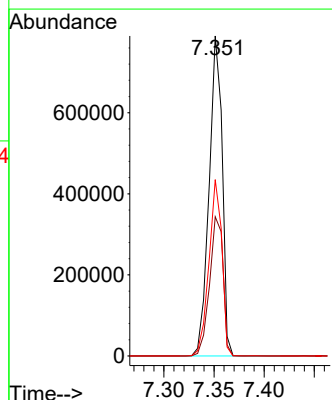
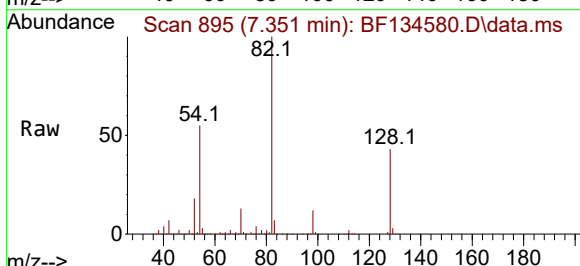
Tgt Ion: 82 Resp: 718978

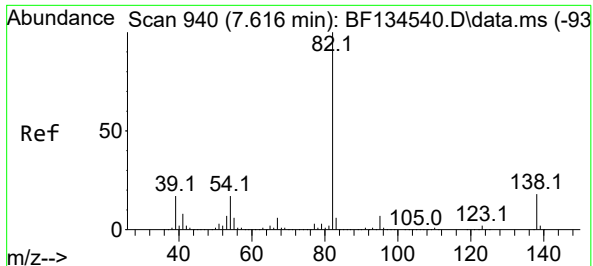
Ion Ratio Lower Upper

82 100

128 43.5 34.3 51.5

54 55.1 43.8 65.6

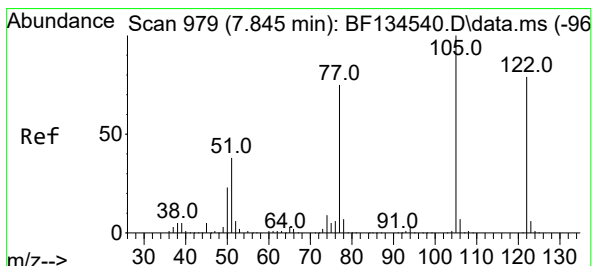
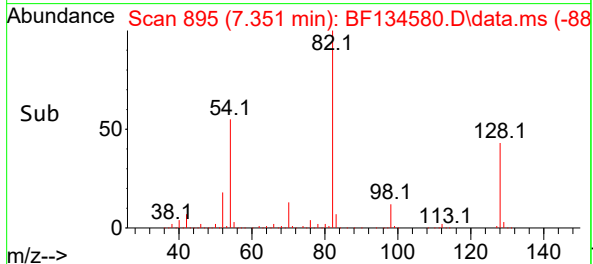
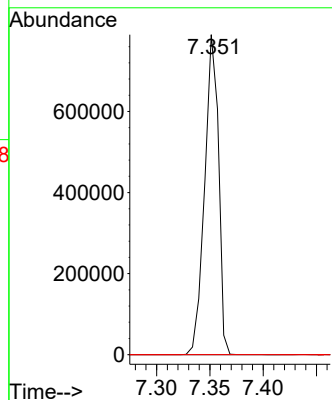
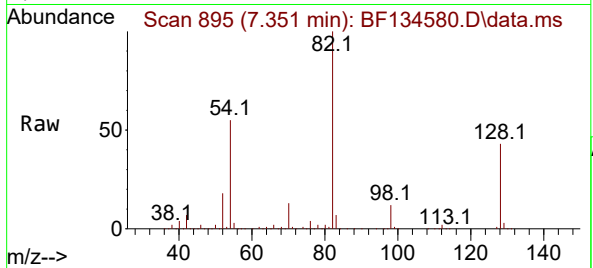




#25
Isophorone
Concen: 28.588 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

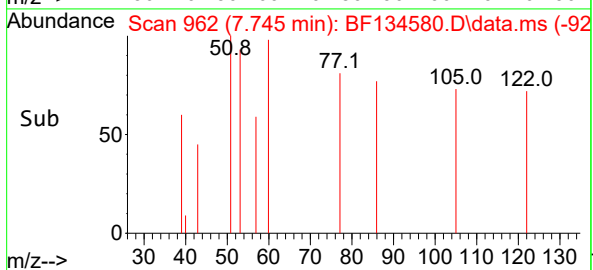
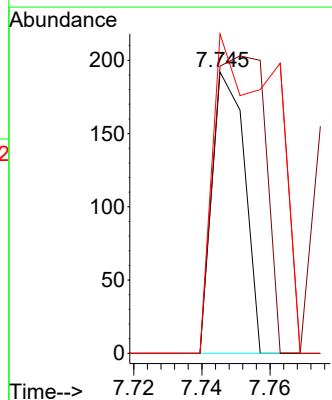
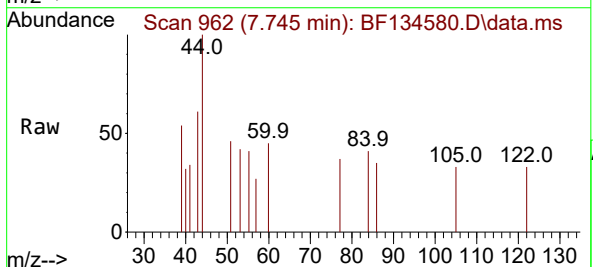
Instrument :
BNA_F
ClientSampleId :
RPTP-4-CS-4

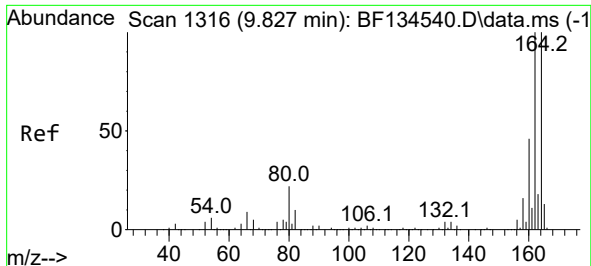
Tgt Ion: 82 Resp: 718970
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.881 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.100 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

Tgt Ion: 122 Resp: 126
Ion Ratio Lower Upper
122 100
105 102.1 87.5 127.5
77 113.5 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134580.D

Acq: 02 Aug 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RPTP-4-CS-4

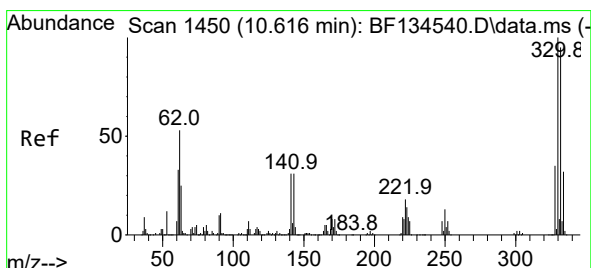
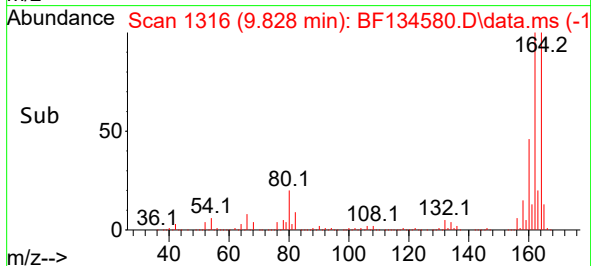
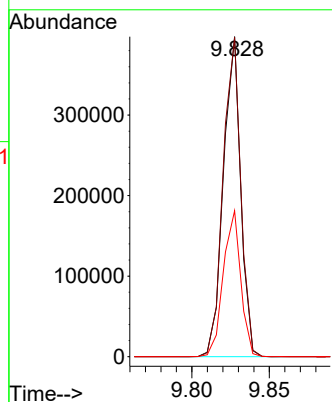
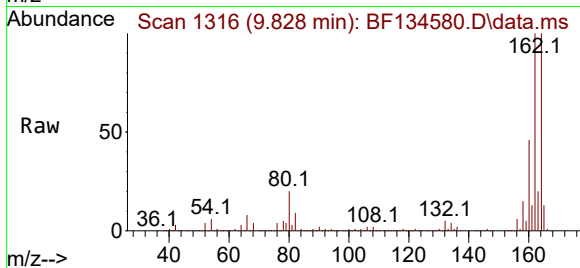
Tgt Ion:164 Resp: 307327

Ion Ratio Lower Upper

164 100

162 99.8 82.6 123.8

160 45.6 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 74.647 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134580.D

Acq: 02 Aug 2023 15:16

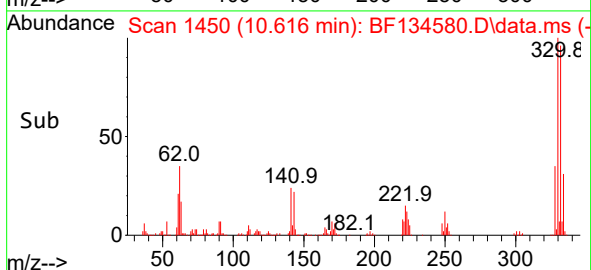
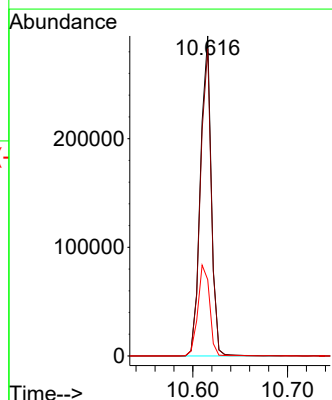
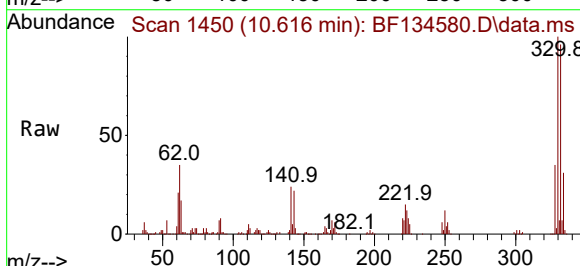
Tgt Ion:330 Resp: 233861

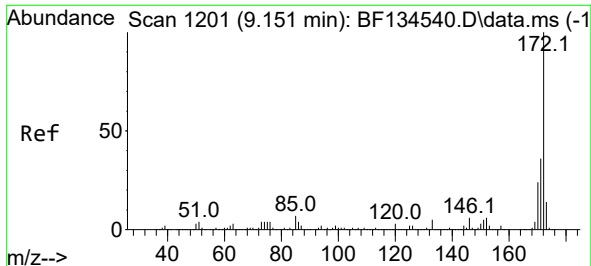
Ion Ratio Lower Upper

330 100

332 96.5 78.8 118.2

141 30.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 64.261 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134580.D

Acq: 02 Aug 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RPTP-4-CS-4

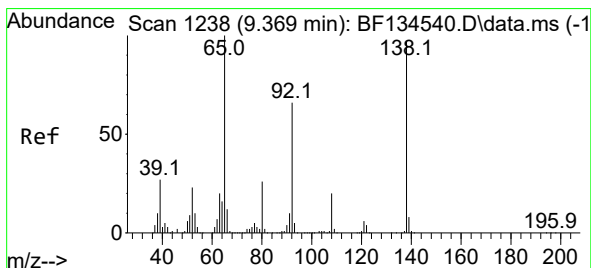
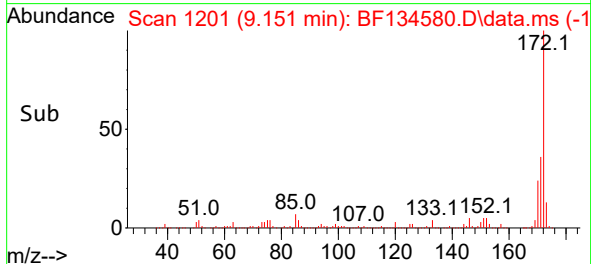
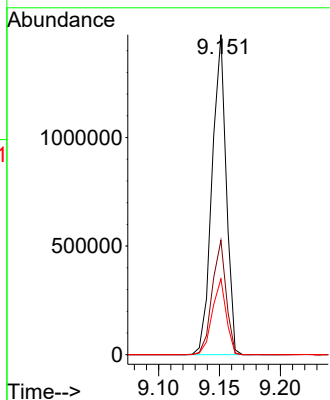
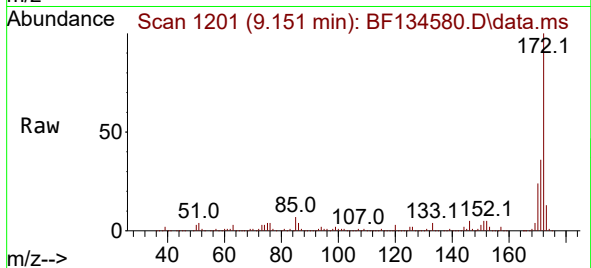
Tgt Ion:172 Resp: 1187772

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.7 18.7 28.1



#48

2-Nitroaniline

Concen: 3.269 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134580.D

Acq: 02 Aug 2023 15:16

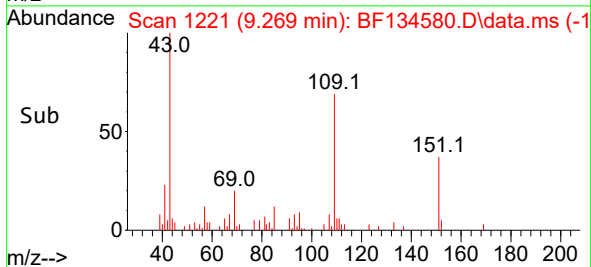
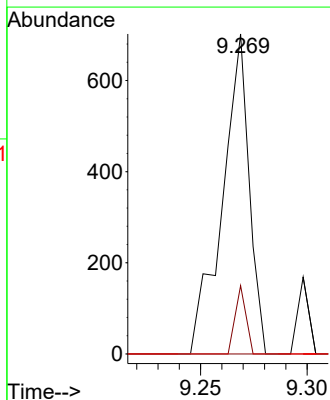
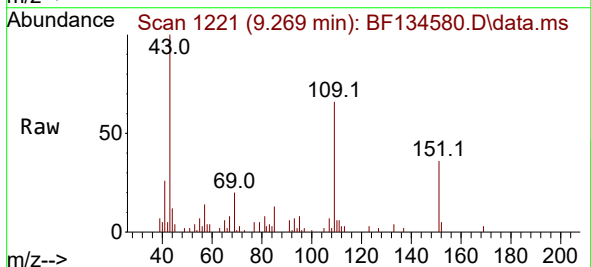
Tgt Ion: 65 Resp: 616

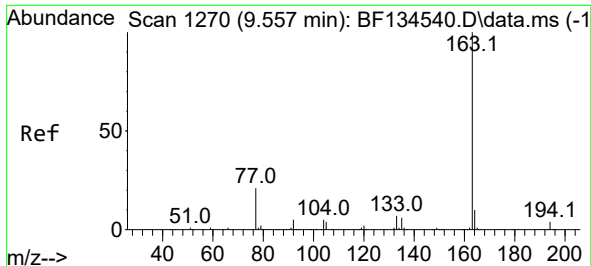
Ion Ratio Lower Upper

65 100

92 21.4 50.7 76.1#

138 0.0 78.2 117.4#

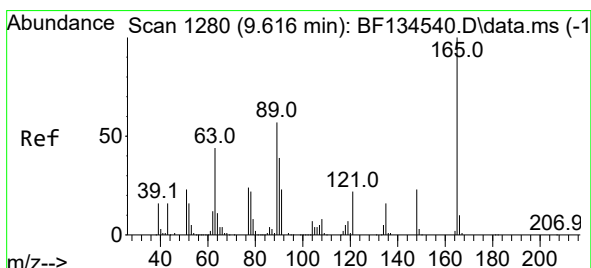
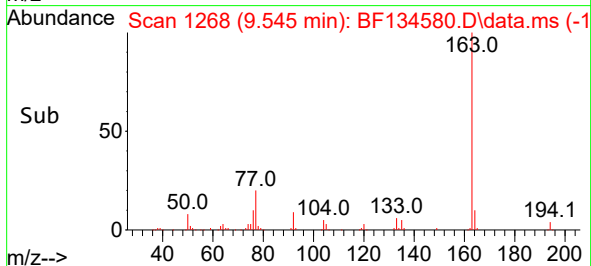
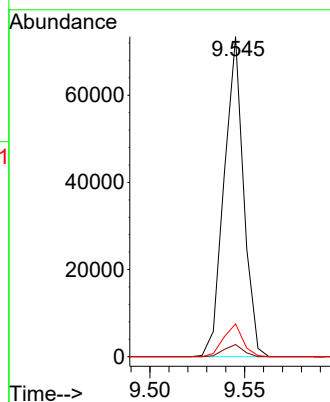
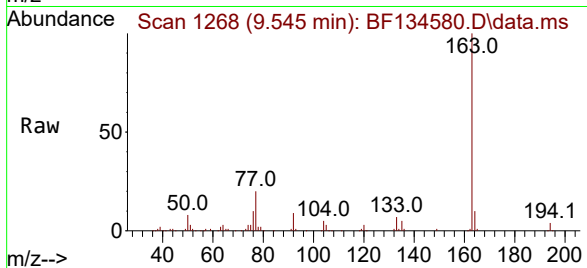




#50
Dimethylphthalate
Concen: 2.506 ng
RT: 9.545 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

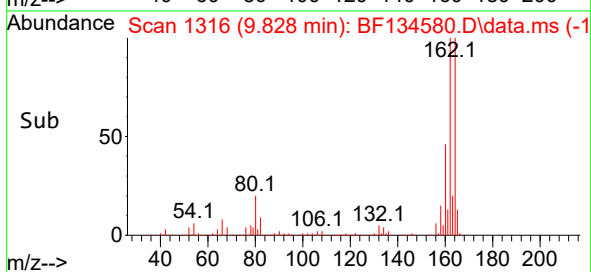
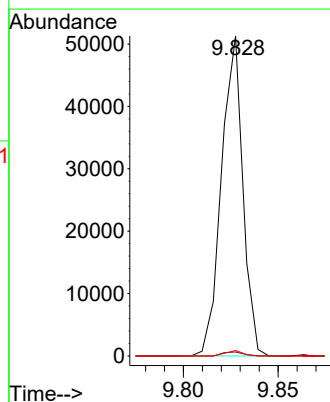
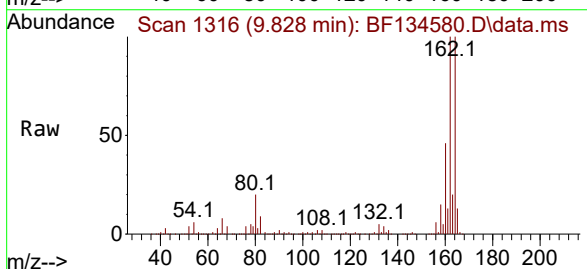
Instrument :
BNA_F
ClientSampleId :
RPTP-4-CS-4

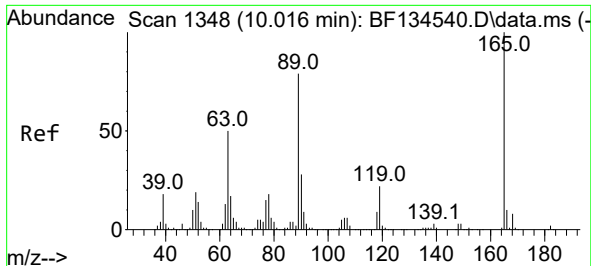
Tgt Ion:163 Resp: 52499
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 11.392 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

Tgt Ion:165 Resp: 40274
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.7 51.8 77.8#

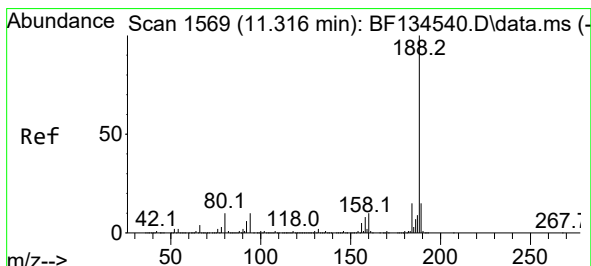
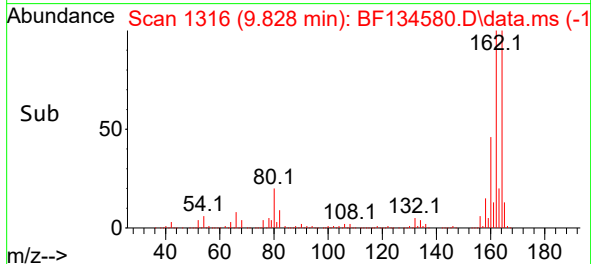
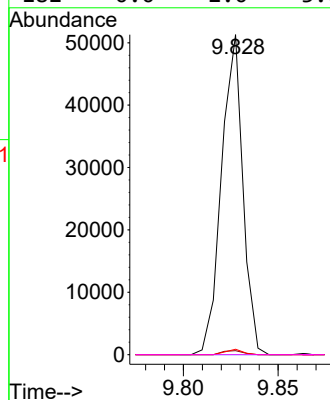
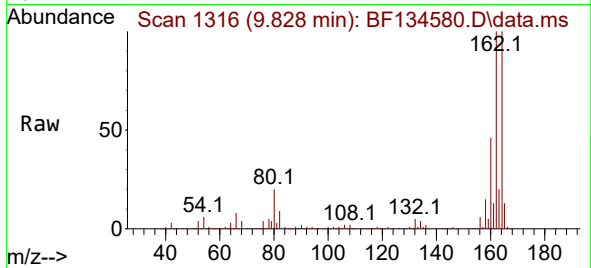




#57
2,4-Dinitrotoluene
Concen: 10.159 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

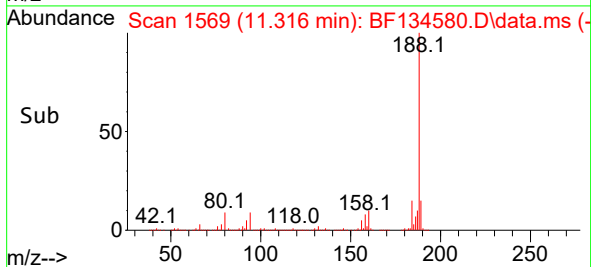
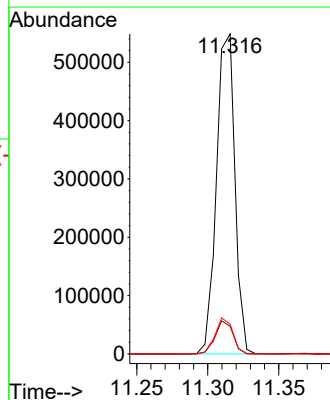
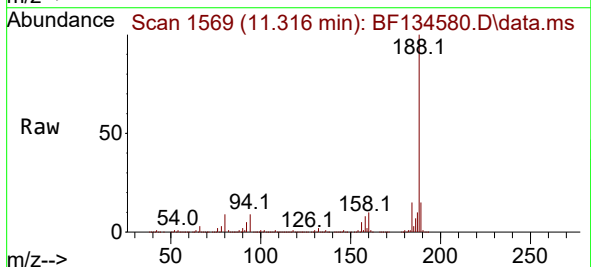
Instrument :
BNA_F
ClientSampleId :
RPTP-4-CS-4

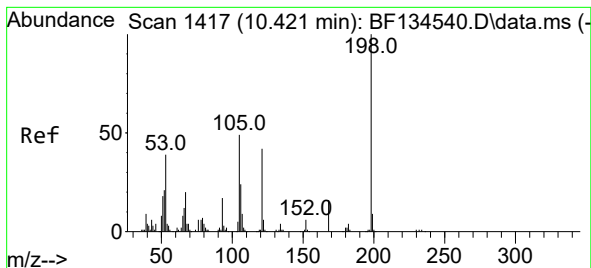
Tgt Ion:165 Resp: 40274
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.7 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

Tgt Ion:188 Resp: 494942
Ion Ratio Lower Upper
188 100
94 8.7 5.1 7.7#
80 9.3 6.6 9.8

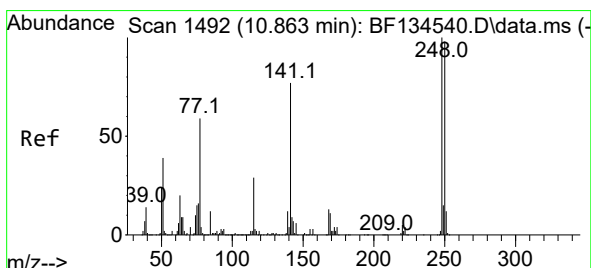
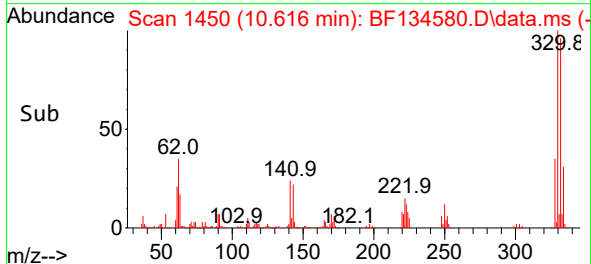
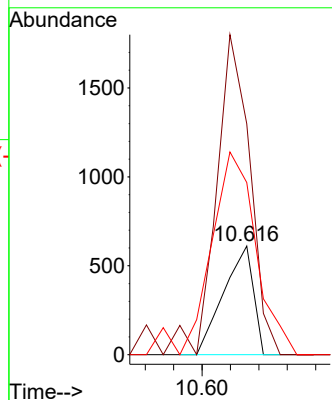
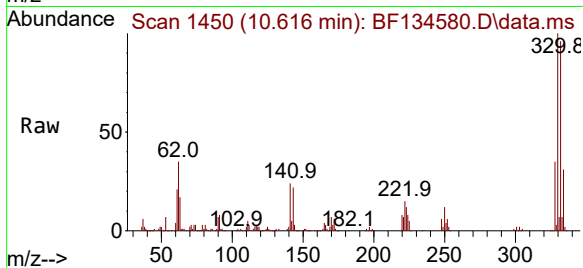




#65
4,6-Dinitro-2-methylphenol
Concen: 8.881 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

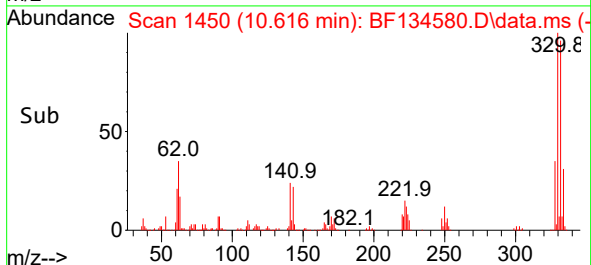
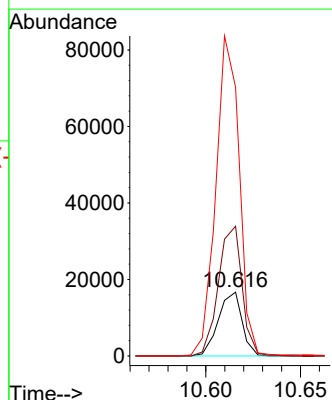
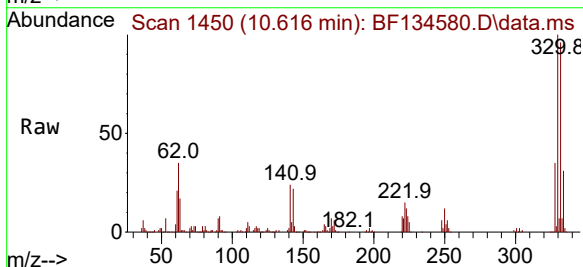
Instrument :
BNA_F
ClientSampleId :
RPTP-4-CS-4

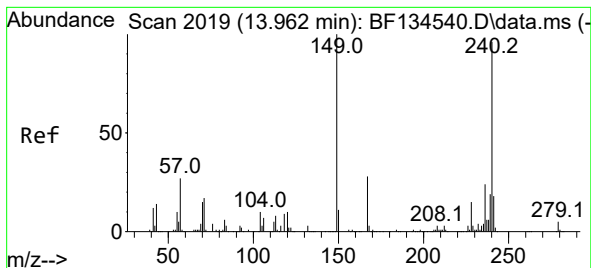
Tgt Ion:198 Resp: 444
Ion Ratio Lower Upper
198 100
51 212.6 38.6 78.6#
105 158.4 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.681 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

Tgt Ion:248 Resp: 14528
Ion Ratio Lower Upper
248 100
250 203.5 79.6 119.4#
141 421.3 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134580.D

Acq: 02 Aug 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RPTP-4-CS-4

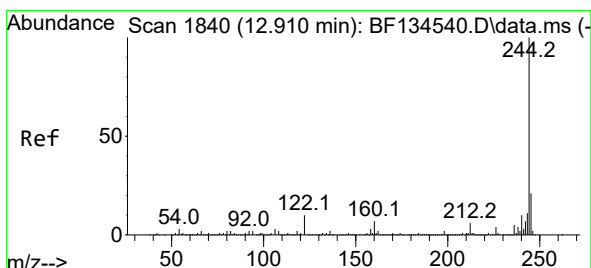
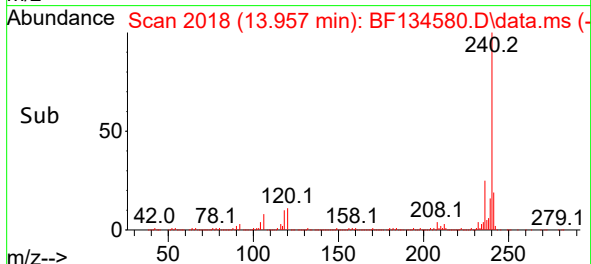
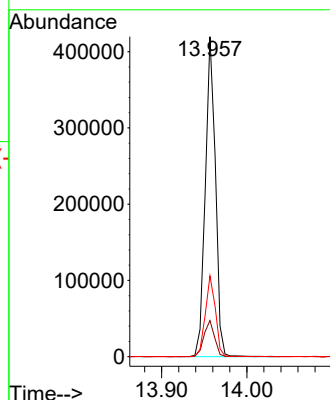
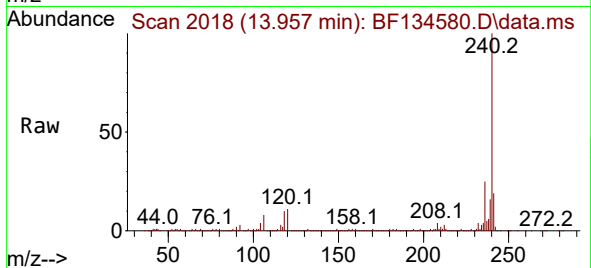
Tgt Ion:240 Resp: 346081

Ion Ratio Lower Upper

240 100

120 11.3 6.6 10.0#

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 56.783 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134580.D

Acq: 02 Aug 2023 15:16

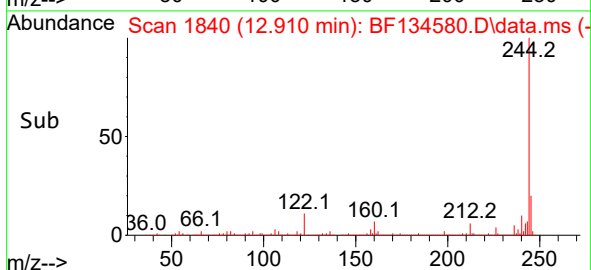
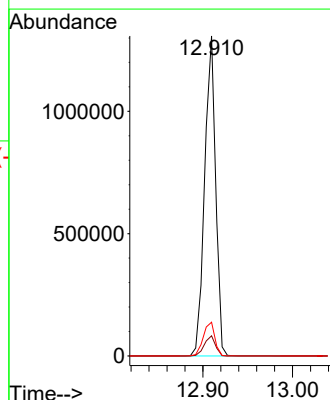
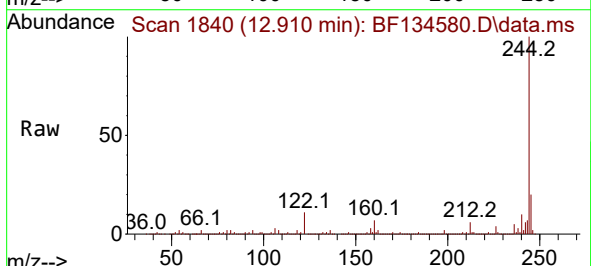
Tgt Ion:244 Resp: 1114739

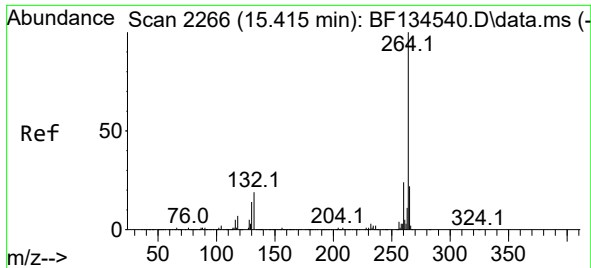
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

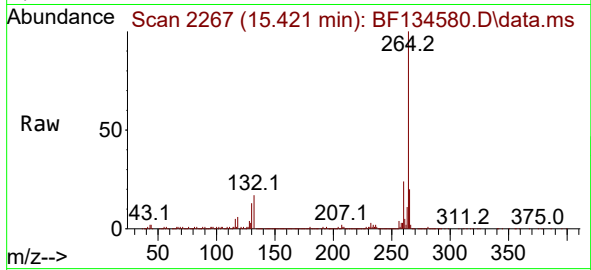
122 10.6 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134580.D
Acq: 02 Aug 2023 15:16

Instrument :
BNA_F
ClientSampleId :
RPTP-4-CS-4



Tgt Ion:264 Resp: 286425

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	20.3	15.8	23.8

