

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134584.D
 Acq On : 02 Aug 2023 17:27
 Operator : CG\JU
 Sample : 03681-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-6-CS-6

Quant Time: Aug 03 01:48:38 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)

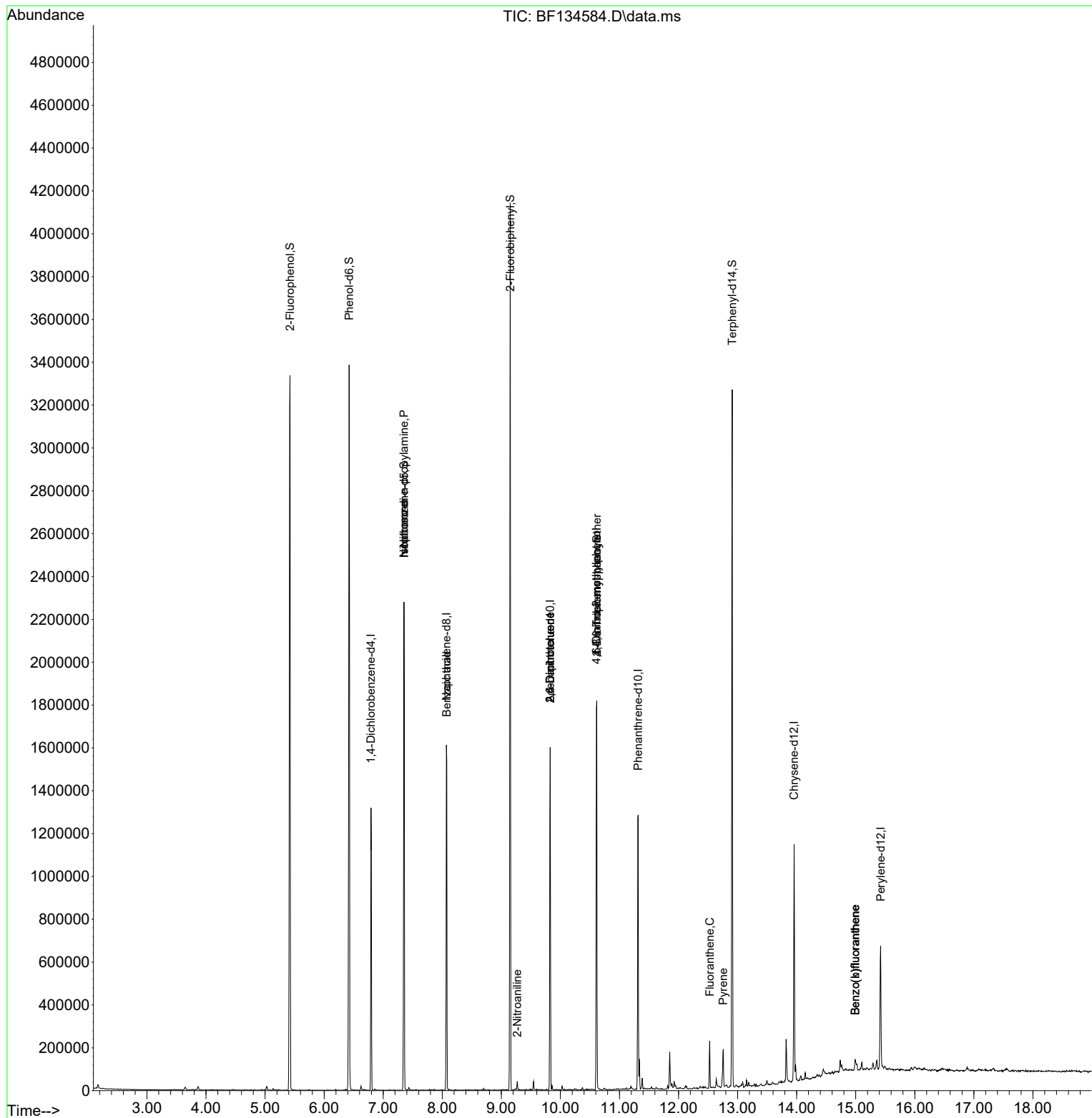
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	182118	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	691406	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	296323	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	471805	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	329005	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	261625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	962715	80.356	ng	0.00
7) Phenol-d6	6.422	99	1190636	77.743	ng	0.00
23) Nitrobenzene-d5	7.351	82	686358	62.036	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	224965	74.474	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1154598	64.785	ng	0.00
79) Terphenyl-d14	12.910	244	1072484	57.466	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	1921	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	91338	9.961 ng	#	75
25) Isophorone	7.351	82	686347	28.442 ng	#	65
32) Benzoic acid	8.075	122	55	7.874 ng	#	1
48) 2-Nitroaniline	9.269	65	362	3.229 ng	#	28
51) 2,6-Dinitrotoluene	9.828	165	37311	11.043 ng	#	18
57) 2,4-Dinitrotoluene	9.828	165	37311	9.872 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.610	198	605	8.959 ng	#	1
67) 4-Bromophenyl-phenylether	10.616	248	14130	2.736 ng	#	1
75) Fluoranthene	12.527	202	77613	2.932 ng		98
78) Pyrene	12.757	202	71550	2.513 ng		97
88) Benzo(b)fluoranthene	14.992	252	37015	2.320 ng	#	95
89) Benzo(k)fluoranthene	14.992	252	37015	2.329 ng	#	97

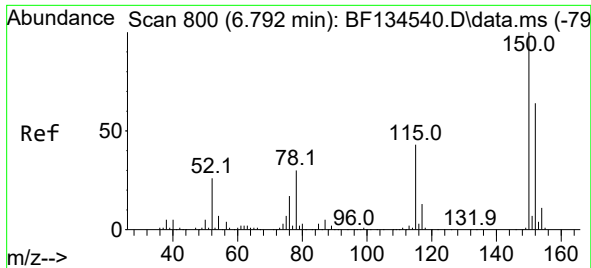
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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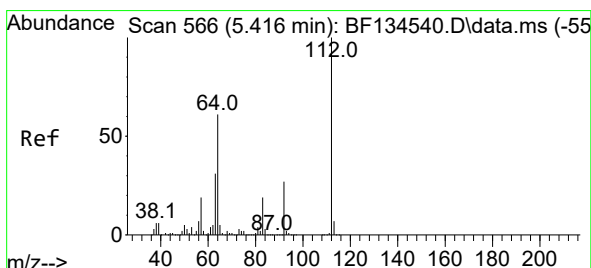
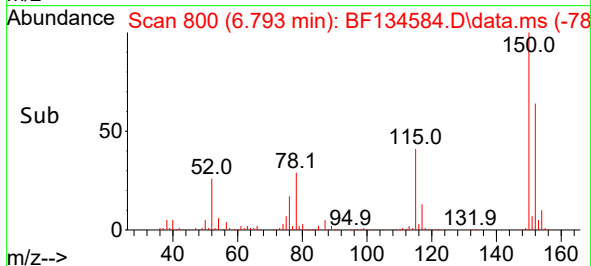
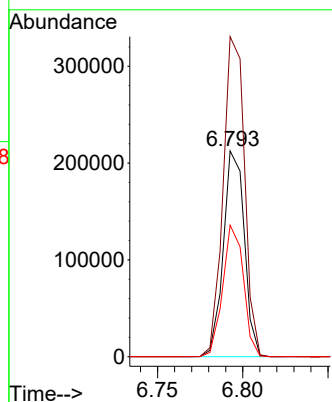
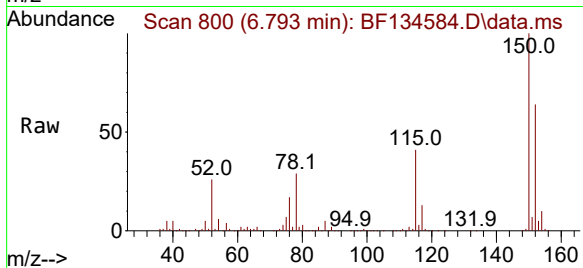




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134584.D
 Acq: 02 Aug 2023 17:27

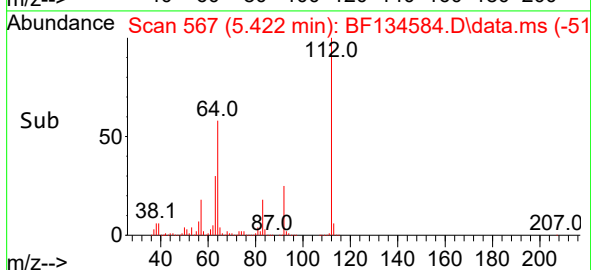
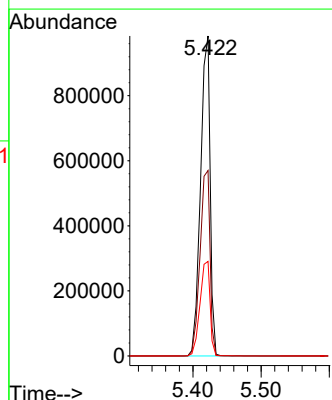
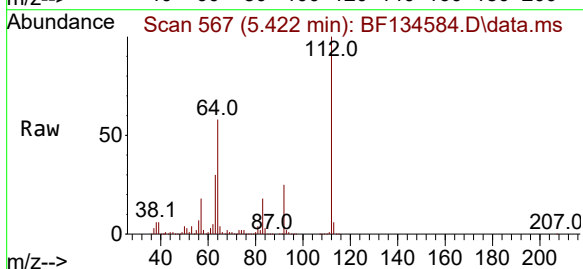
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-6-CS-6

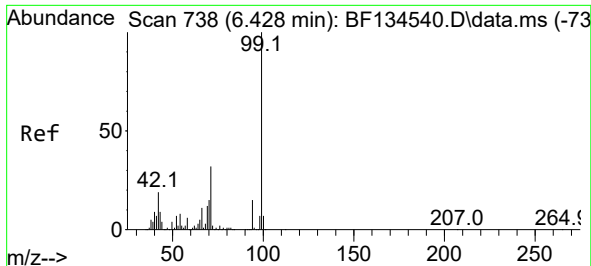
Tgt Ion:152 Resp: 182118
 Ion Ratio Lower Upper
 152 100
 150 155.5 128.3 192.5
 115 63.9 52.4 78.6



#5
 2-Fluorophenol
 Concen: 80.356 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: BF134584.D
 Acq: 02 Aug 2023 17:27

Tgt Ion:112 Resp: 962715
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.9 67.3
 63 29.6 25.4 38.0

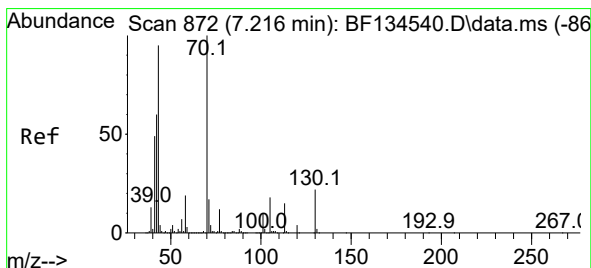
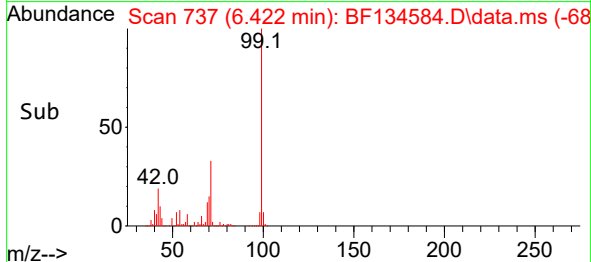
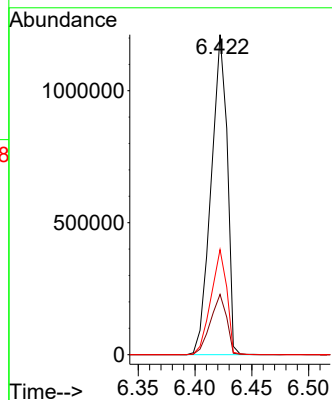
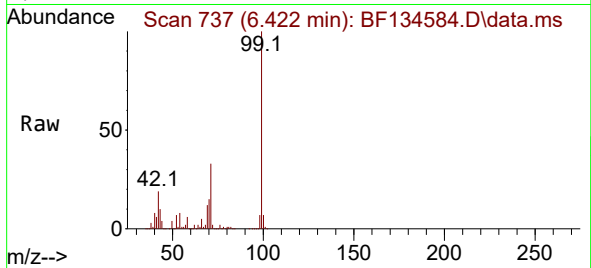




#7
Phenol-d6
Concen: 77.743 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

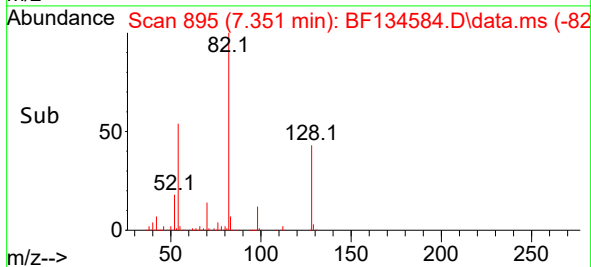
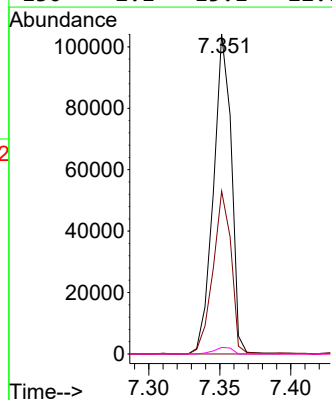
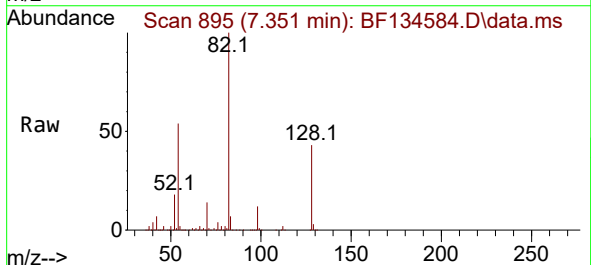
Instrument :
BNA_F
ClientSampleId :
RPTP-6-CS-6

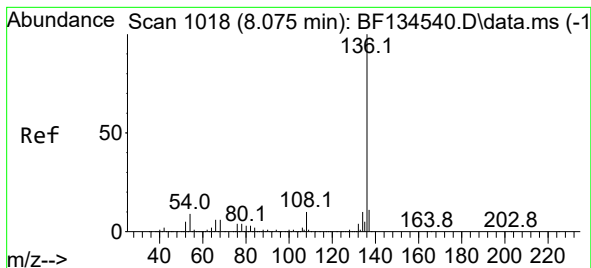
Tgt Ion: 99 Resp: 1190636
Ion Ratio Lower Upper
99 100
42 18.8 18.7 28.1
71 32.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.961 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.136 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

Tgt Ion: 70 Resp: 91338
Ion Ratio Lower Upper
70 100
42 50.9 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# 1

Delta R.T. -0.006 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

Instrument :

BNA_F

ClientSampleId :

RPTP-6-CS-6

Tgt Ion:136 Resp: 691406

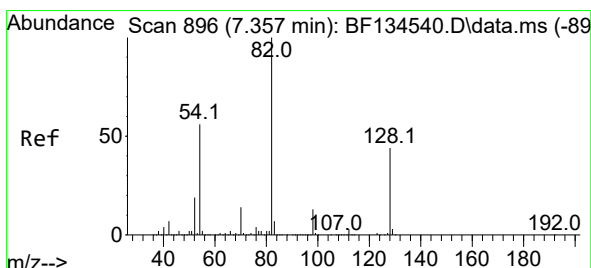
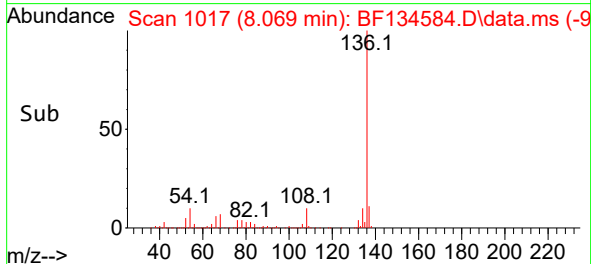
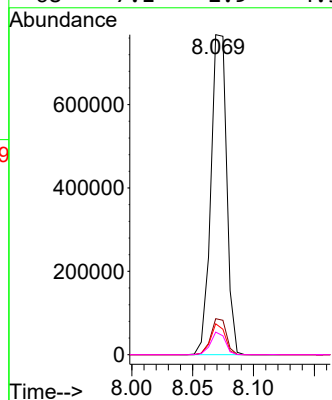
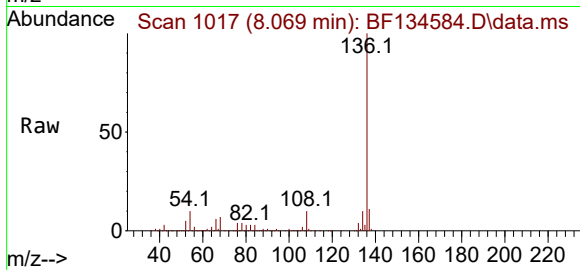
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.7 5.2 7.8#

68 7.1 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 62.036 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

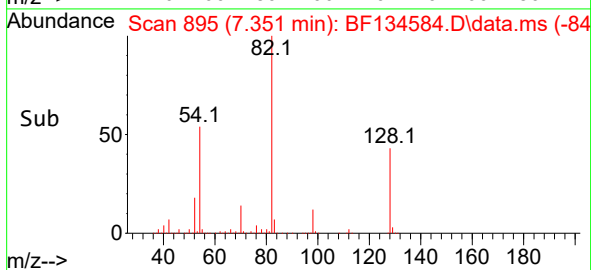
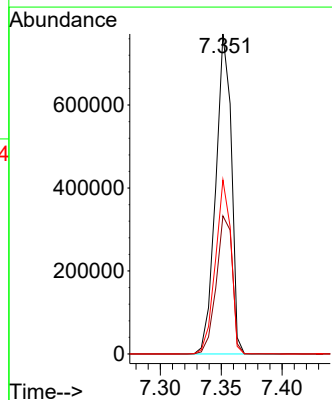
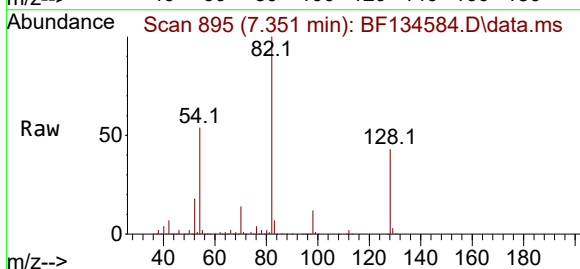
Tgt Ion: 82 Resp: 686358

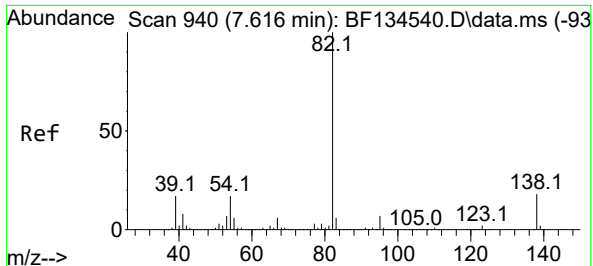
Ion Ratio Lower Upper

82 100

128 43.1 34.3 51.5

54 54.4 43.8 65.6

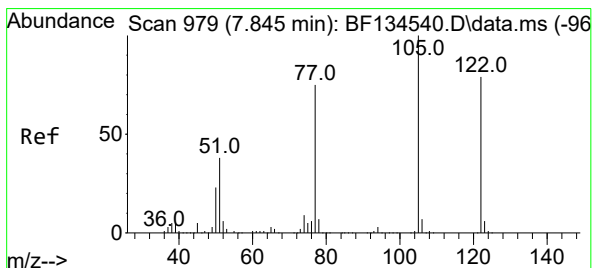
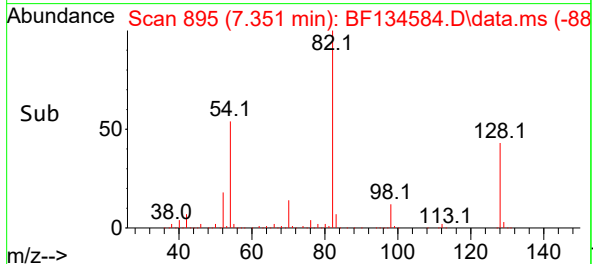
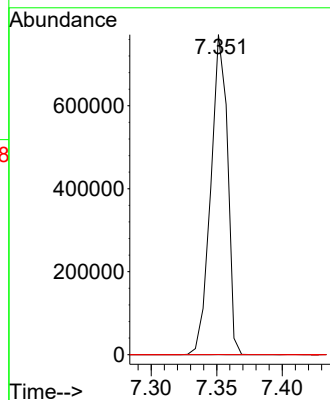
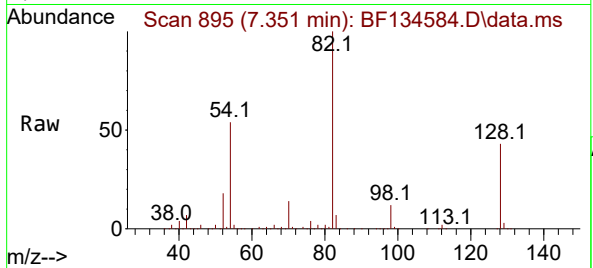




#25
Isophorone
Concen: 28.442 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

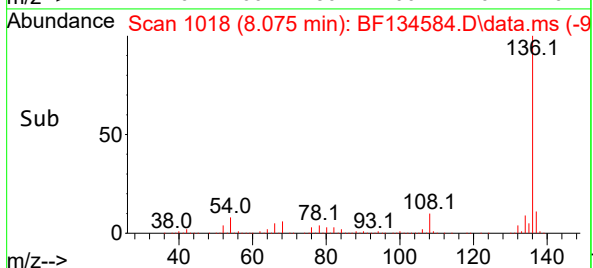
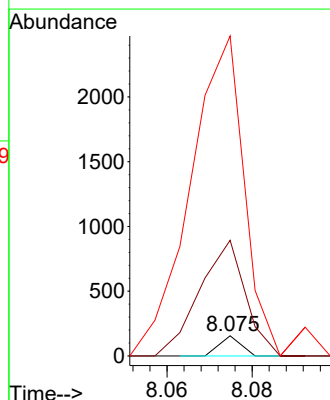
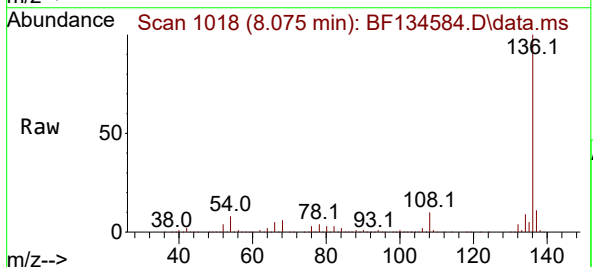
Instrument :
BNA_F
ClientSampleId :
RPTP-6-CS-6

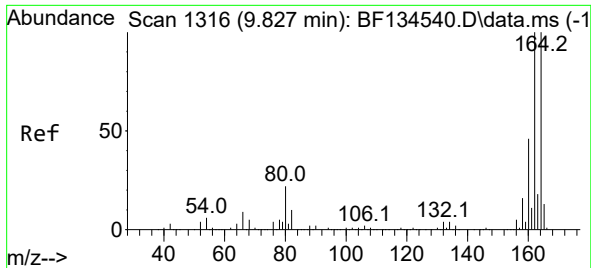
Tgt Ion: 82 Resp: 686347
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.230 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 572.4 87.5 127.5#
77 1584.0 71.4 111.4#

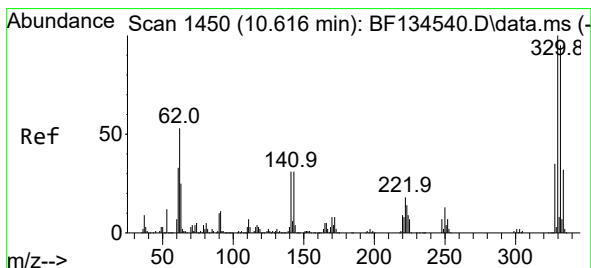
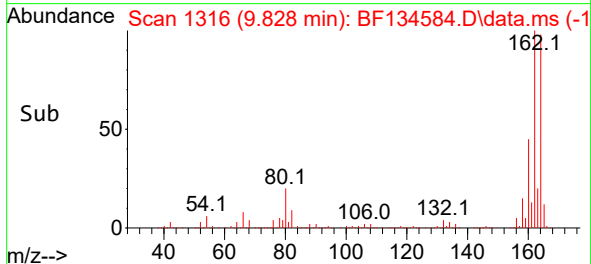
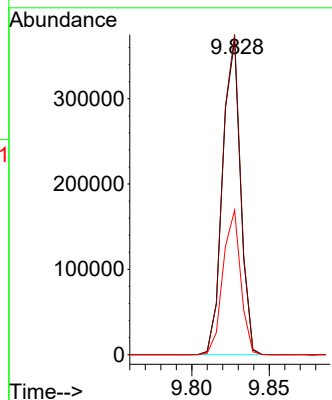
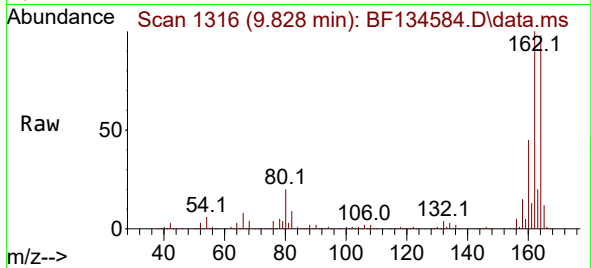




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

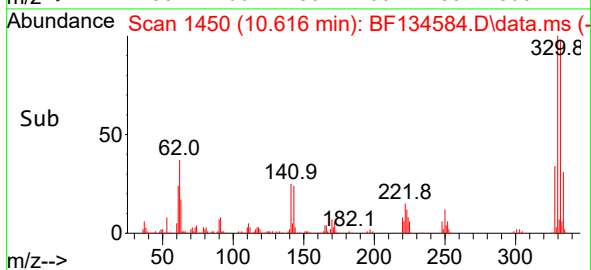
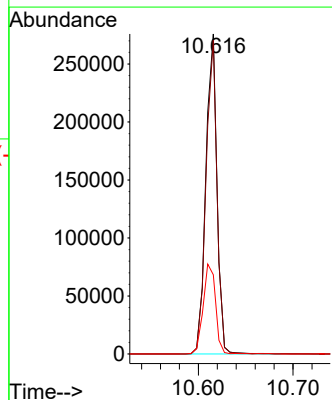
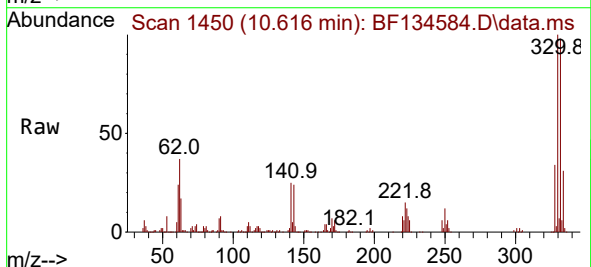
Instrument :
BNA_F
ClientSampleId :
RPTP-6-CS-6

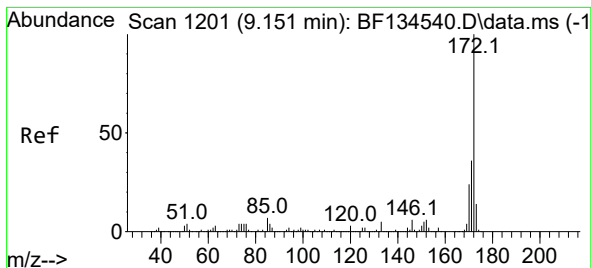
Tgt Ion:164 Resp: 296323
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 46.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 74.474 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

Tgt Ion:330 Resp: 224965
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 31.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 64.785 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

Instrument :

BNA_F

ClientSampleId :

RPTP-6-CS-6

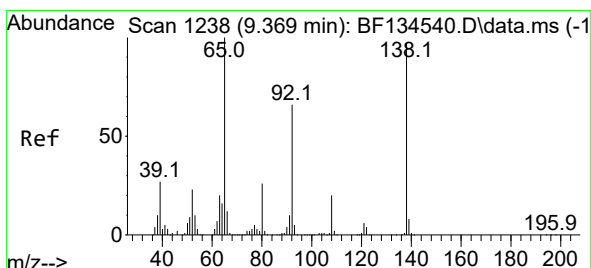
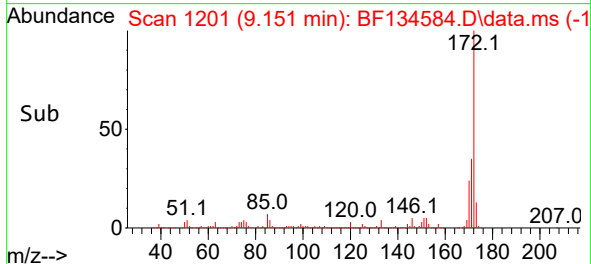
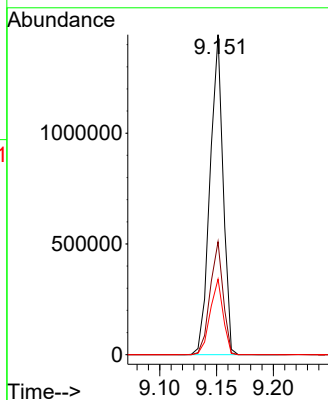
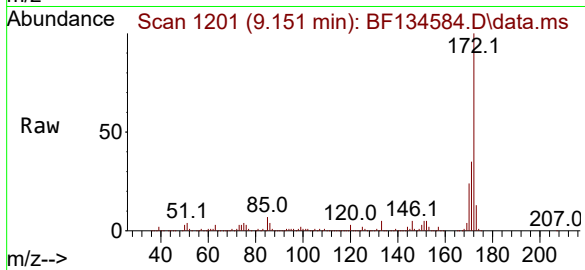
Tgt Ion:172 Resp: 1154598

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 18.7 28.1



#48

2-Nitroaniline

Concen: 3.229 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

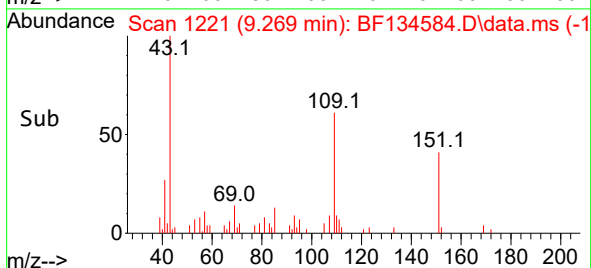
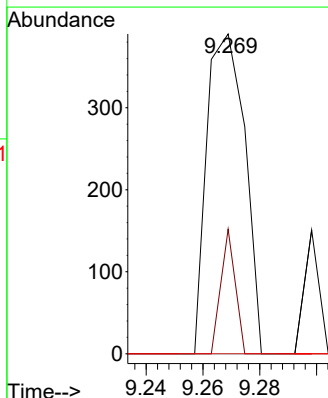
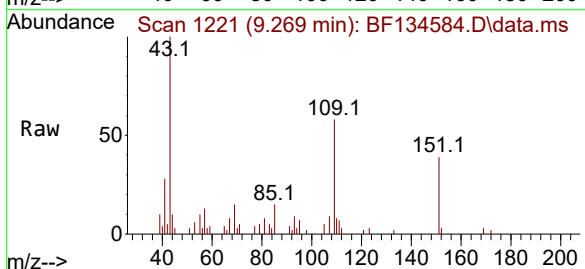
Tgt Ion: 65 Resp: 362

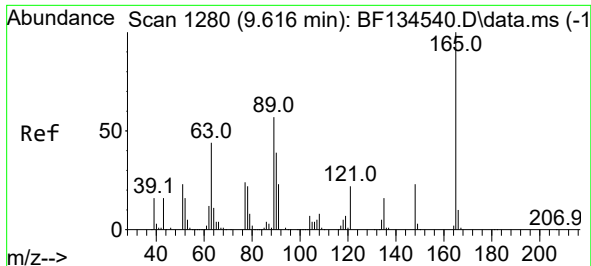
Ion Ratio Lower Upper

65 100

92 39.0 50.7 76.1#

138 0.0 78.2 117.4#

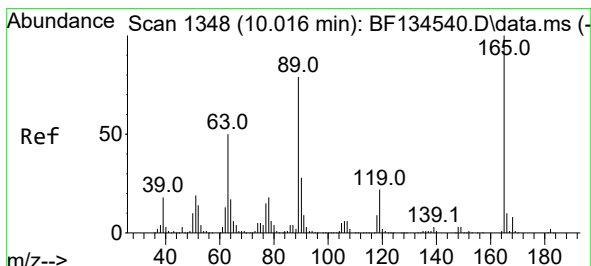
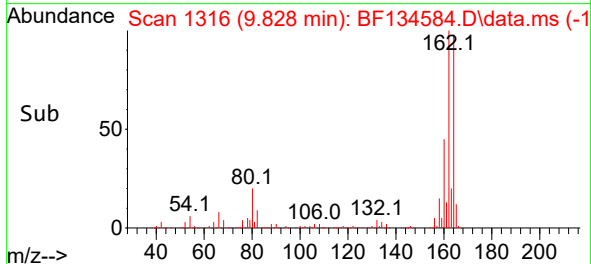
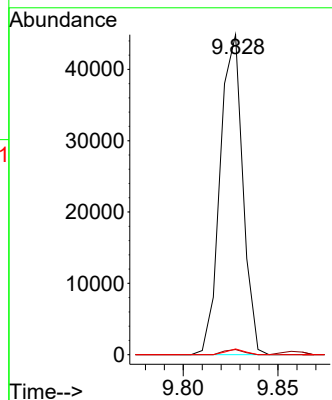
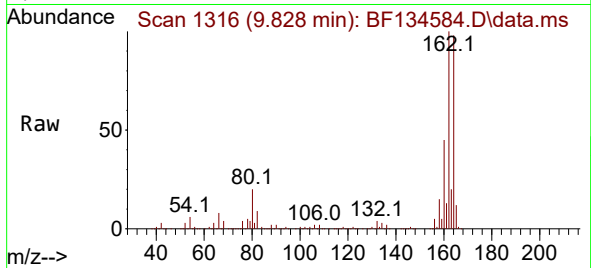




#51
2,6-Dinitrotoluene
Concen: 11.043 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

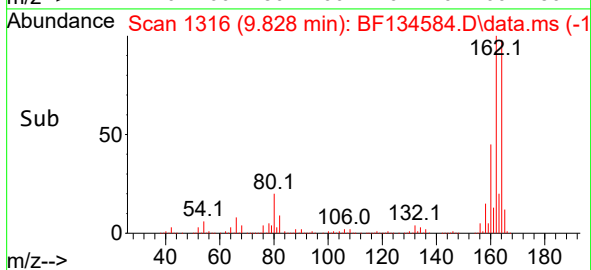
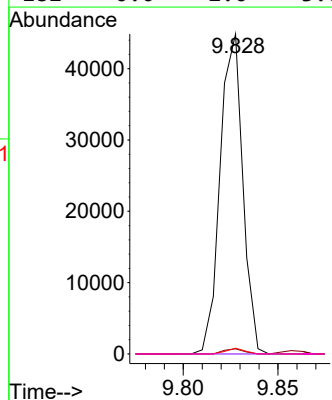
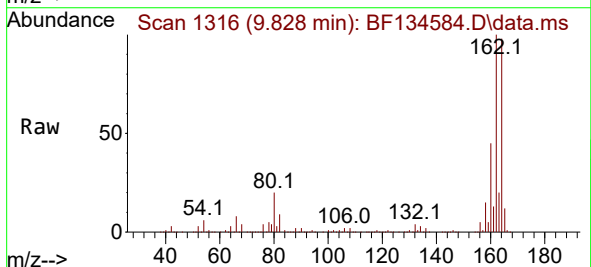
Instrument :
BNA_F
ClientSampleId :
RPTP-6-CS-6

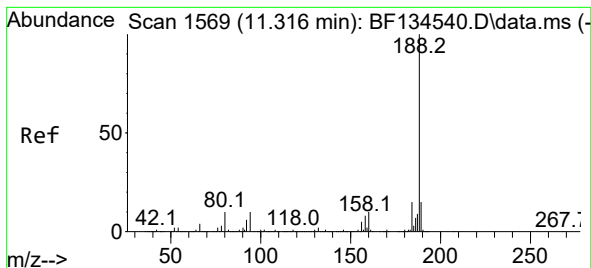
Tgt Ion:165 Resp: 37311
Ion Ratio Lower Upper
165 100
63 1.6 57.8 86.6#
89 1.8 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 9.872 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

Tgt Ion:165 Resp: 37311
Ion Ratio Lower Upper
165 100
63 1.6 48.9 73.3#
89 1.8 61.7 92.5#
182 0.0 2.0 3.0#

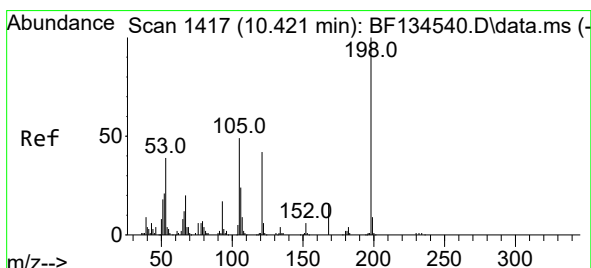
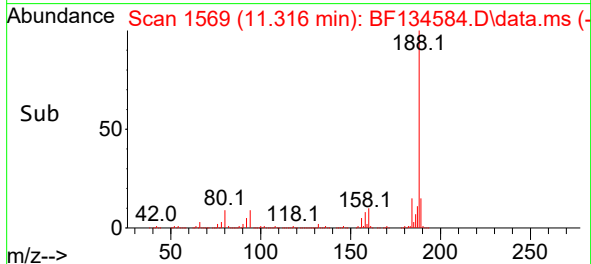
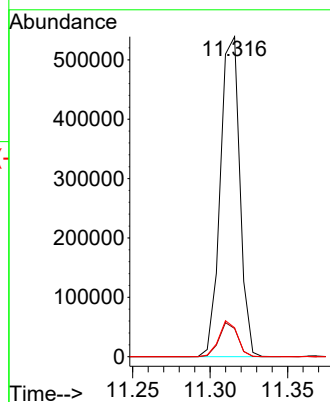
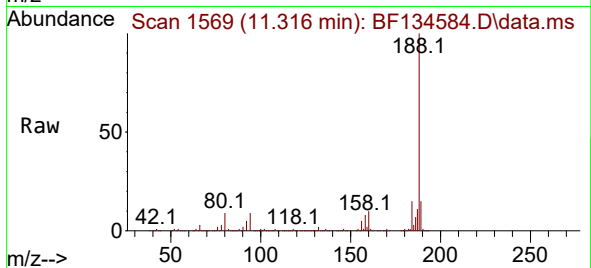




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

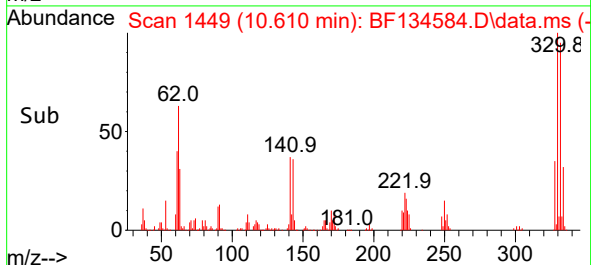
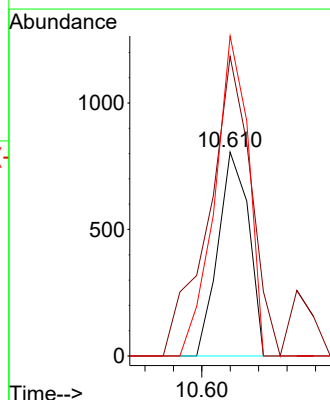
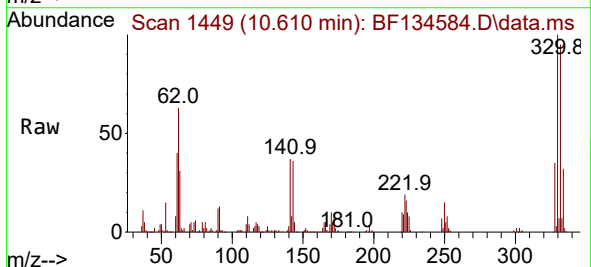
Instrument :
BNA_F
ClientSampleId :
RPTP-6-CS-6

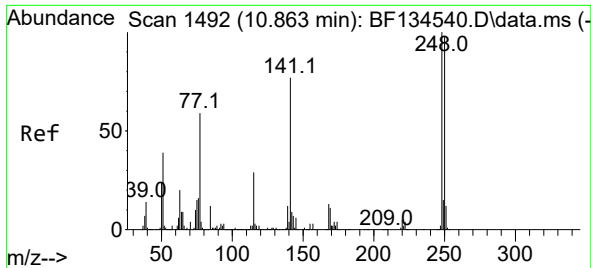
Tgt Ion:188 Resp: 471805
Ion Ratio Lower Upper
188 100
94 8.8 5.1 7.7#
80 9.1 6.6 9.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.959 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.189 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

Tgt Ion:198 Resp: 605
Ion Ratio Lower Upper
198 100
51 146.9 38.6 78.6#
105 156.9 27.9 67.9#

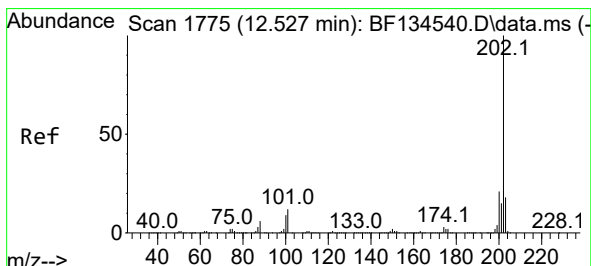
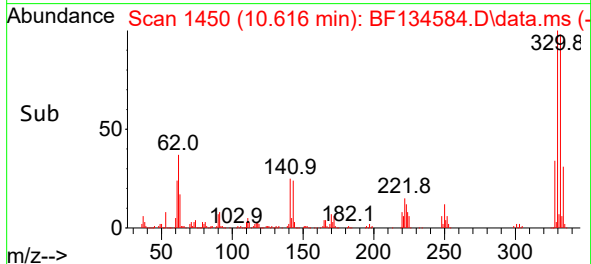
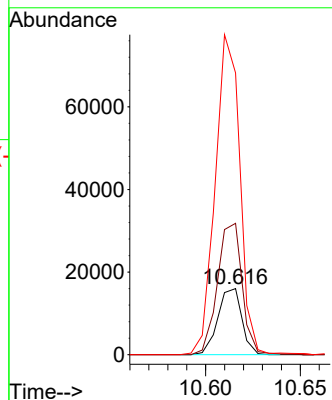
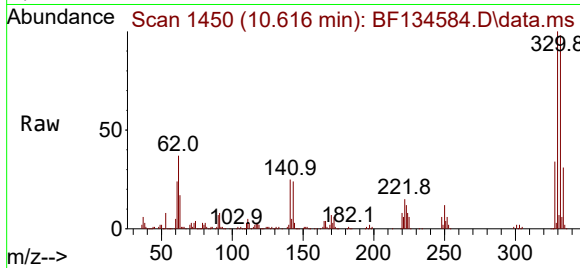




#67
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

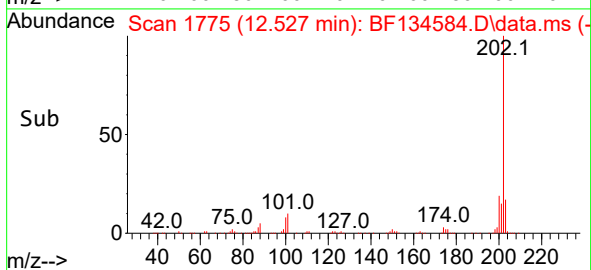
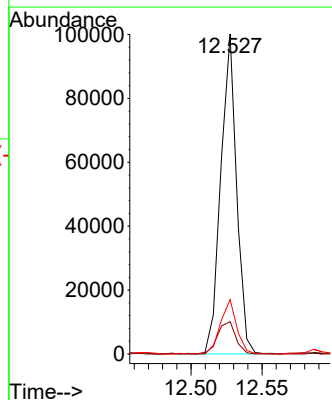
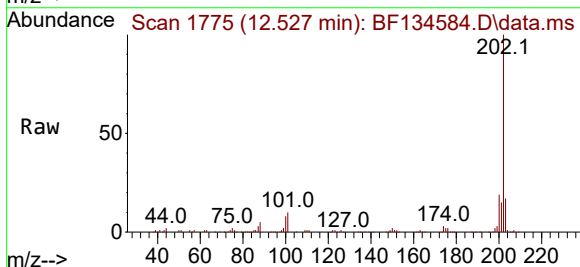
Instrument :
BNA_F
ClientSampleId :
RPTP-6-CS-6

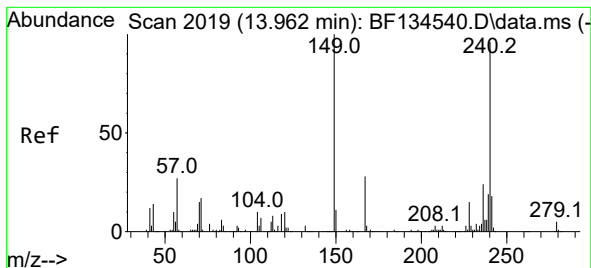
Tgt Ion:248 Resp: 14130
Ion Ratio Lower Upper
248 100
250 198.8 79.6 119.4#
141 426.5 59.6 89.4#



#75
Fluoranthene
Concen: 2.932 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

Tgt Ion:202 Resp: 77613
Ion Ratio Lower Upper
202 100
101 10.1 0.0 28.5
203 17.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

Instrument :

BNA_F

ClientSampleId :

RPTP-6-CS-6

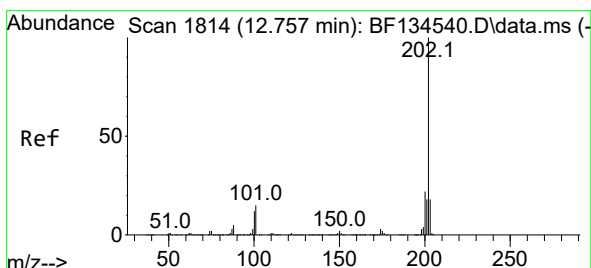
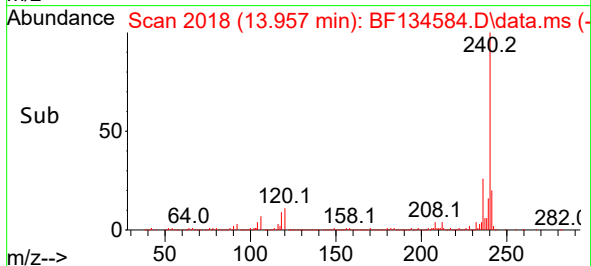
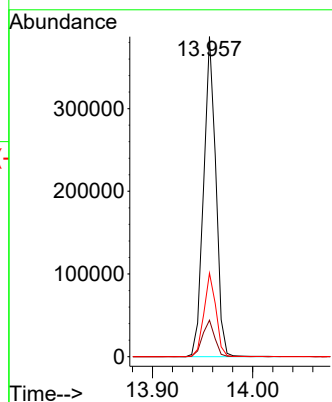
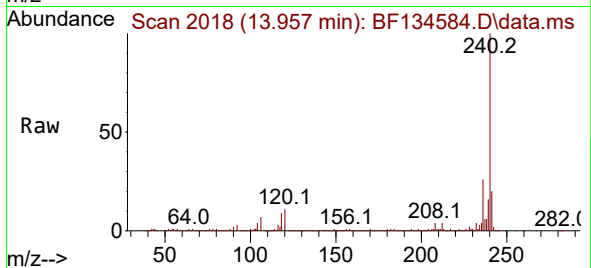
Tgt Ion:240 Resp: 329005

Ion Ratio Lower Upper

240 100

120 11.4 6.6 10.0#

236 26.1 20.2 30.2



#78

Pyrene

Concen: 2.513 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

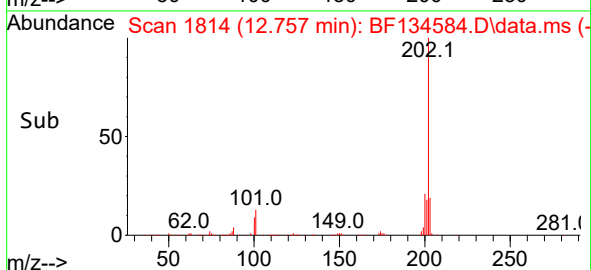
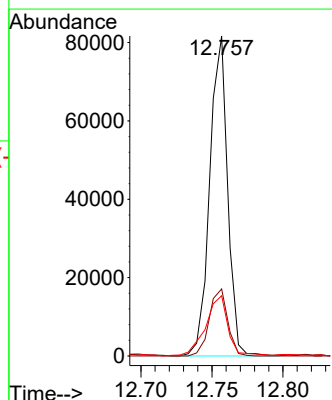
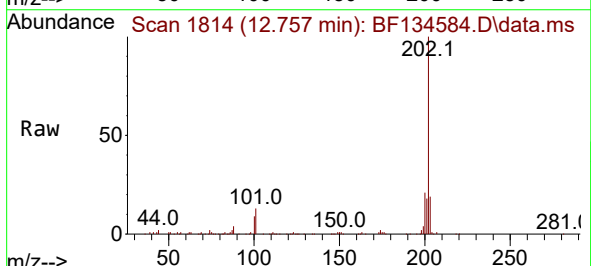
Tgt Ion:202 Resp: 71550

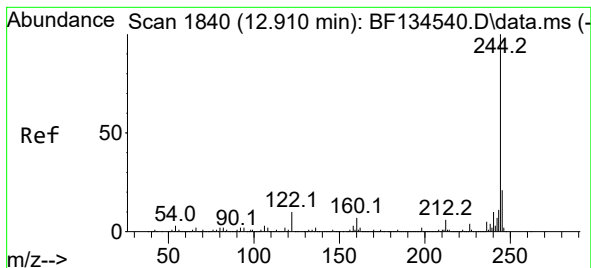
Ion Ratio Lower Upper

202 100

200 21.0 15.8 23.8

203 18.8 13.5 20.3





#79

Terphenyl-d14

Concen: 57.466 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

Instrument :

BNA_F

ClientSampleId :

RPTP-6-CS-6

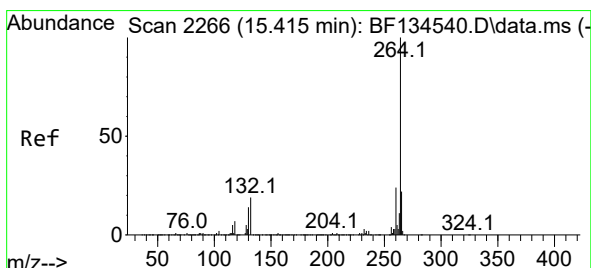
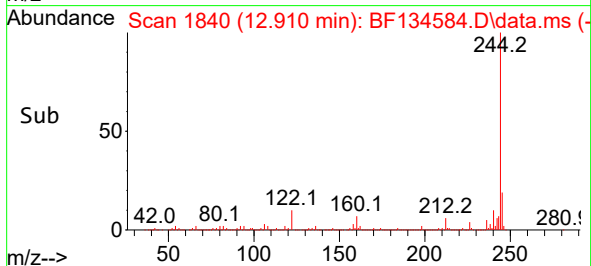
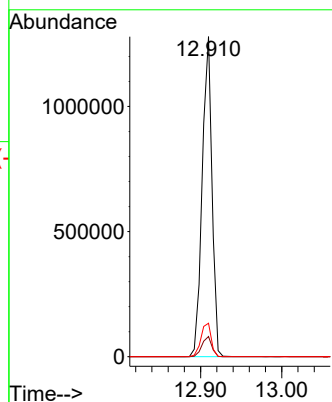
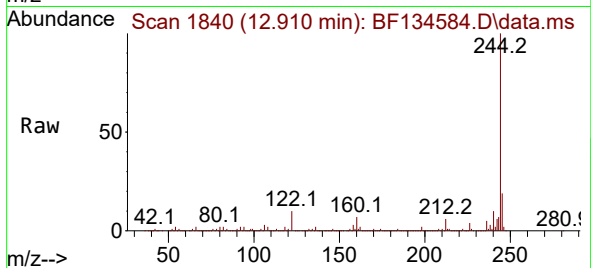
Tgt Ion:244 Resp: 1072484

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: BF134584.D

Acq: 02 Aug 2023 17:27

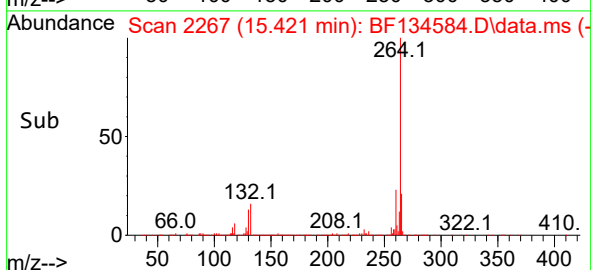
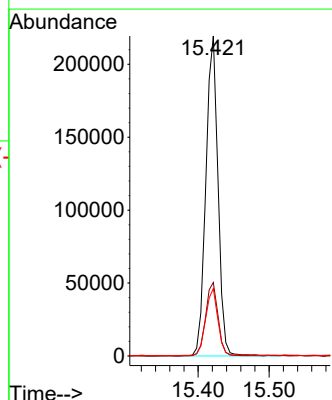
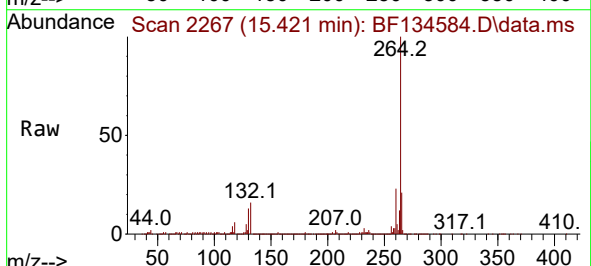
Tgt Ion:264 Resp: 261625

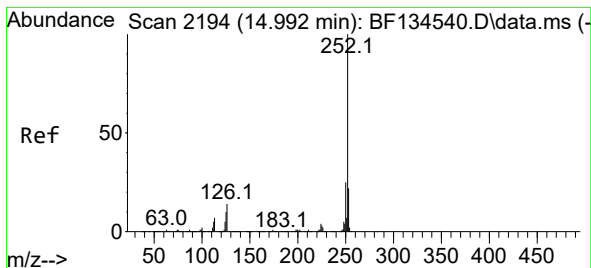
Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.1 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.320 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

Instrument :

BNF

ClientSampleId :

RPTP-6-CS-6

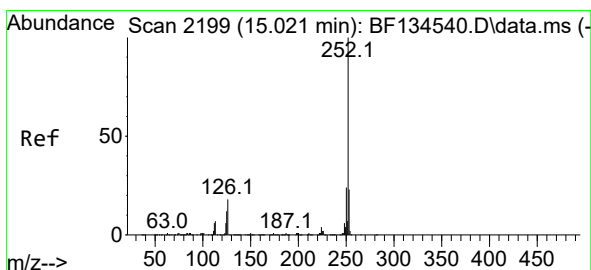
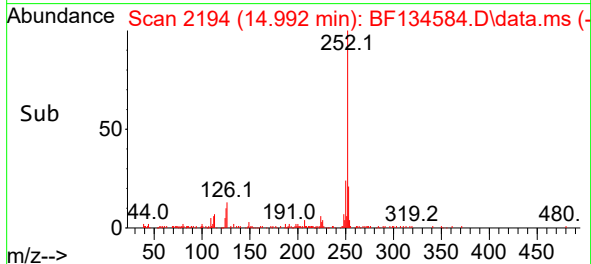
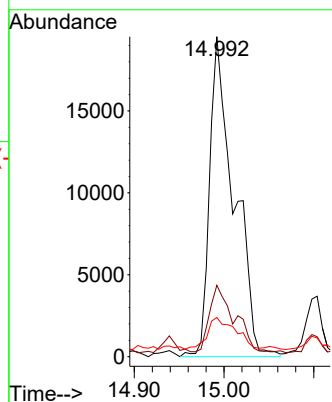
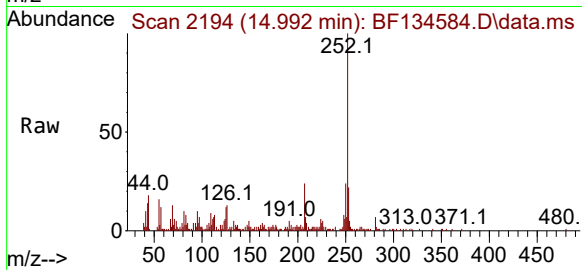
Tgt Ion:252 Resp: 37015

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 12.2 6.0 9.0#



#89

Benzo(k)fluoranthene

Concen: 2.329 ng

RT: 14.992 min Scan# 2194

Delta R.T. -0.029 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

Tgt Ion:252 Resp: 37015

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 12.2 6.3 9.5#

