

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134585.D
 Acq On : 02 Aug 2023 18:01
 Operator : CG\JU
 Sample : 03681-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-8-CS-8

Quant Time: Aug 03 01:48:52 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	196160	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	741589	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	313341	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	496234	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	341782	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	277479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1113084	86.256	ng	0.00
7) Phenol-d6	6.422	99	1393458	84.473	ng	0.00
23) Nitrobenzene-d5	7.351	82	818882	69.006	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	265035	82.973	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1332099	70.686	ng	0.00
79) Terphenyl-d14	12.910	244	1227140	63.294	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	158	Below Cal	#	36
19) n-Nitroso-di-n-propyla...	7.351	70	110138	11.152	ng	# 74
25) Isophorone	7.351	82	818873	31.638	ng	# 65
32) Benzoic acid	8.075	122	162	7.885	ng	# 1
48) 2-Nitroaniline	9.269	65	1670	3.440	ng	# 12
50) Dimethylphthalate	9.827	163	64698	3.029	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	39887	11.137	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	39887	9.950	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	691	8.981	ng	# 4
67) 4-Bromophenyl-phenylether	10.616	248	16811	3.095	ng	# 1
75) Fluoranthene	12.527	202	60939	2.189	ng	99
77) Benzidine	12.910	184	15366	2.071	ng	# 94
88) Benzo(b)fluoranthene	14.992	252	34397	2.033	ng	# 90
89) Benzo(k)fluoranthene	14.992	252	34397	2.040	ng	# 92

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

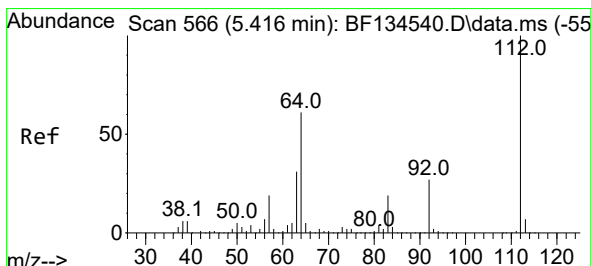
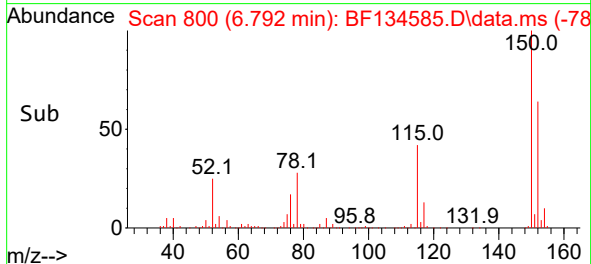
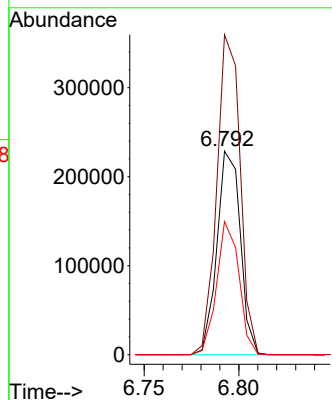
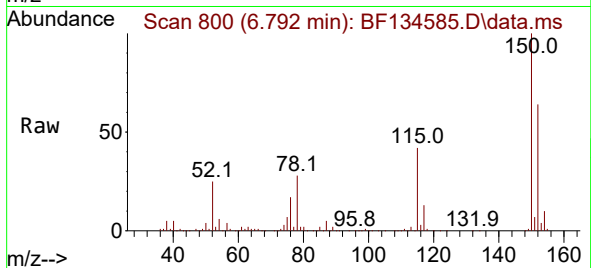
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134585.D
Acq On : 02 Aug 2023 18:01
Operator : CG\JU
Sample : 03681-22
Misc :
ALS Vial : 16 Sample Multiplier: 1



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134585.D
 Acq: 02 Aug 2023 18:01

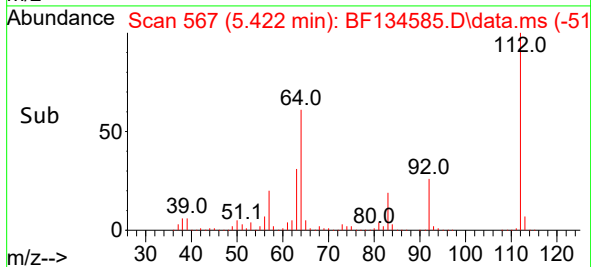
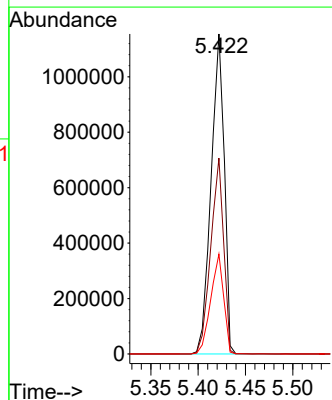
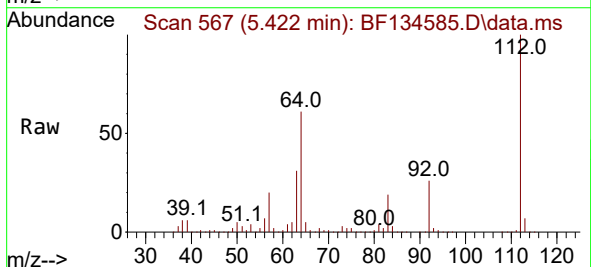
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-8-CS-8

Tgt Ion:152 Resp: 196160
 Ion Ratio Lower Upper
 152 100
 150 157.2 128.3 192.5
 115 65.4 52.4 78.6



#5
 2-Fluorophenol
 Concen: 86.256 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: BF134585.D
 Acq: 02 Aug 2023 18:01

Tgt Ion:112 Resp: 1113084
 Ion Ratio Lower Upper
 112 100
 64 61.2 44.9 67.3
 63 31.2 25.4 38.0

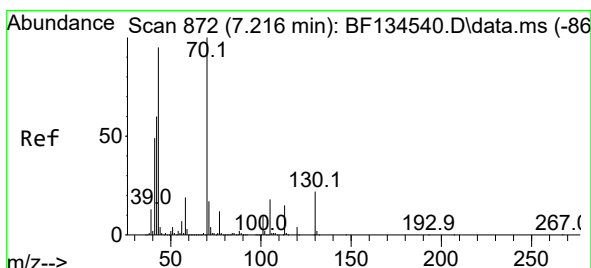
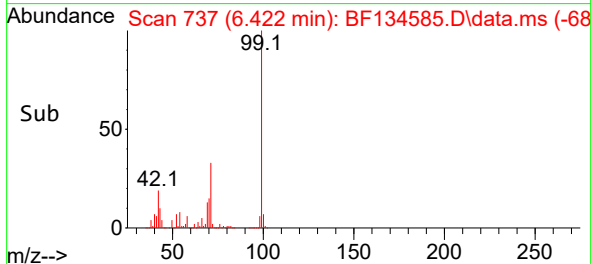
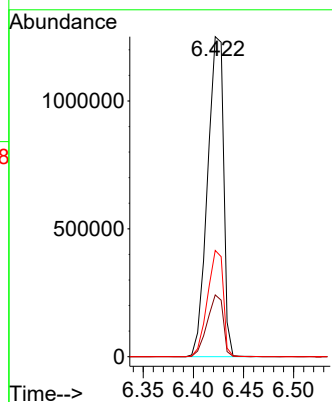
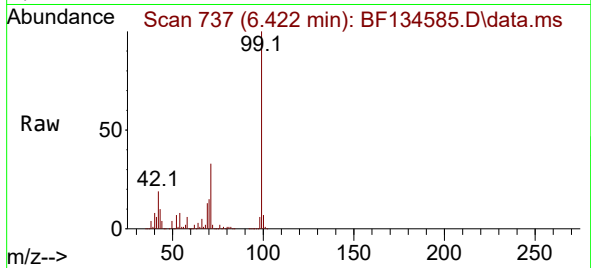




#7
Phenol-d6
Concen: 84.473 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

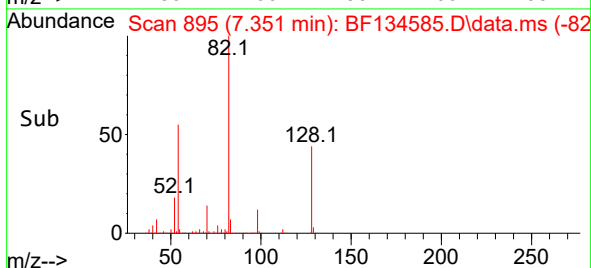
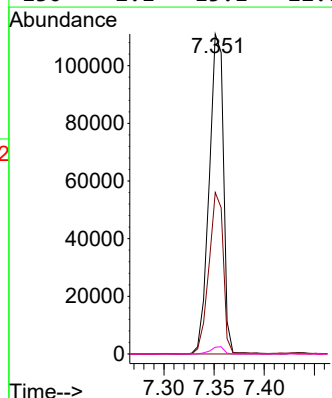
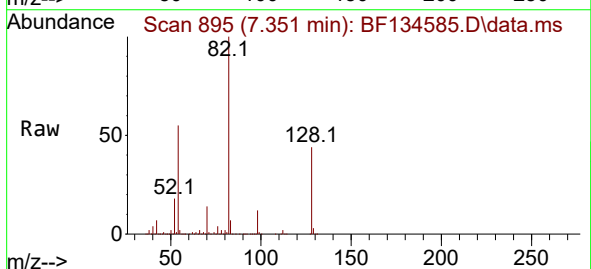
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

Tgt Ion: 99 Resp: 1393458
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 33.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 11.152 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion: 70 Resp: 110138
Ion Ratio Lower Upper
70 100
42 50.4 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: BF134585.D
Acq: 02 Aug 2023 18:01

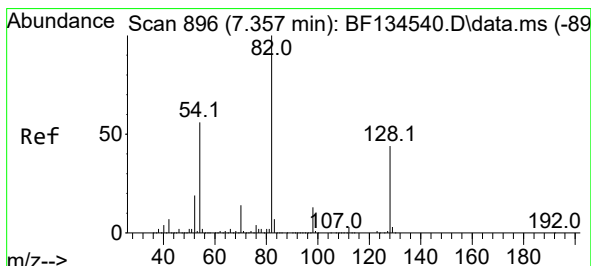
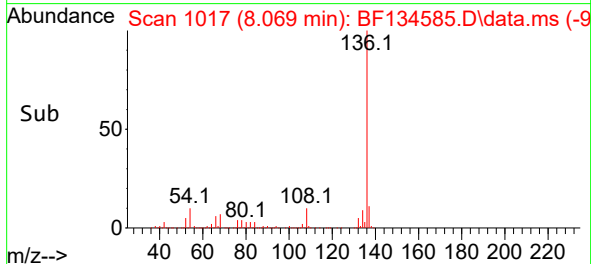
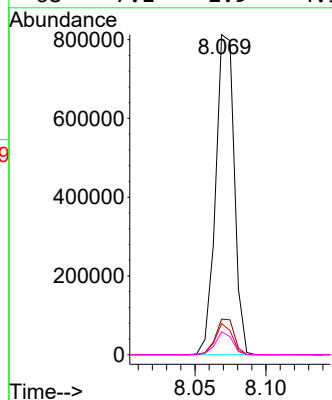
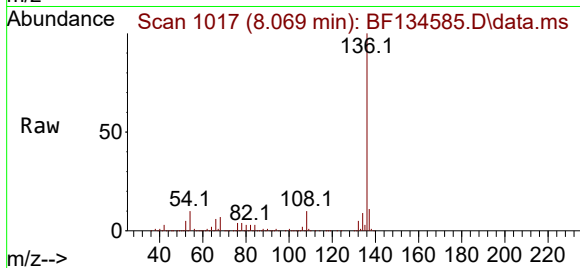
Instrument :

BNA_F

ClientSampleId :

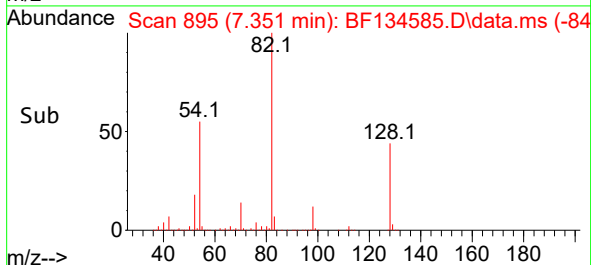
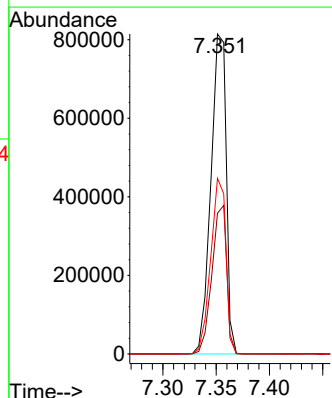
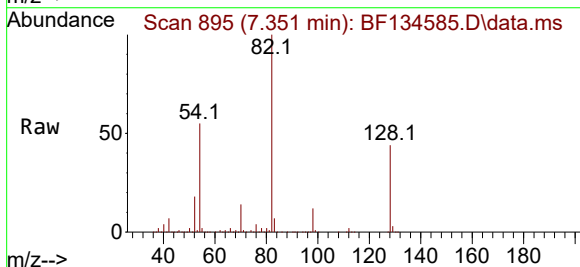
RPTP-8-CS-8

Tgt Ion:136 Resp: 741589
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.7 5.2 7.8#
68 7.1 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 69.006 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion: 82 Resp: 818882
Ion Ratio Lower Upper
82 100
128 43.9 34.3 51.5
54 54.9 43.8 65.6

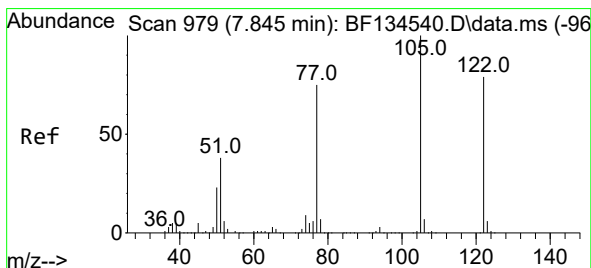
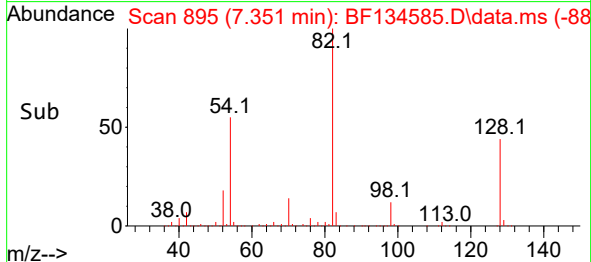
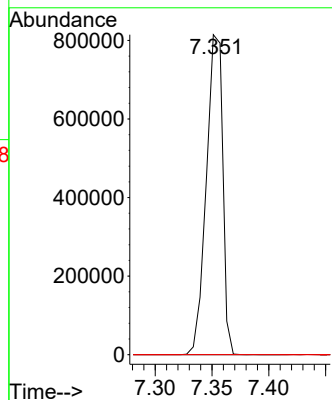
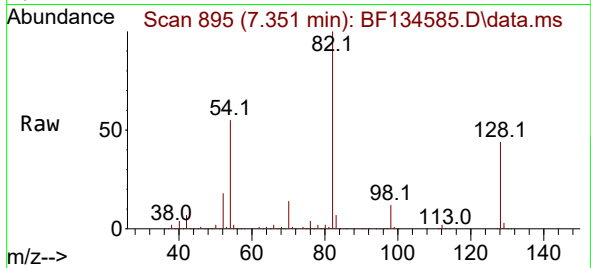




#25
Isophorone
Concen: 31.638 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

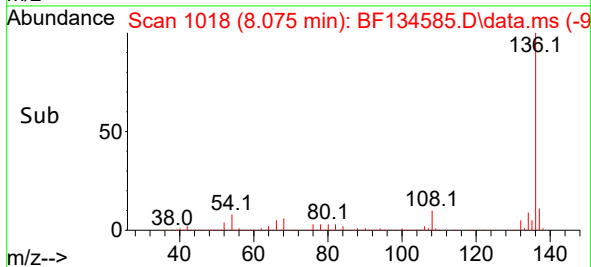
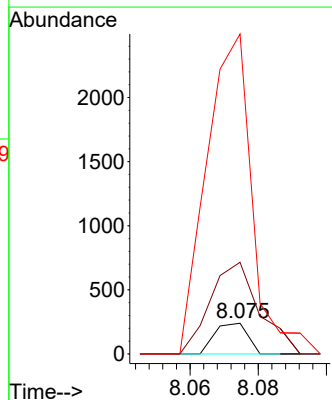
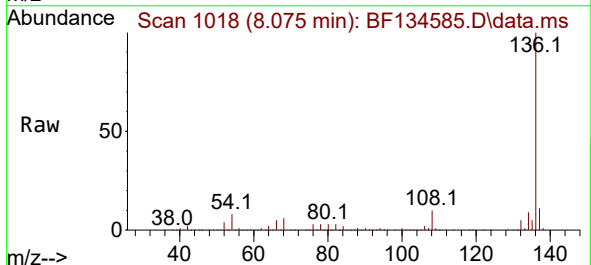
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

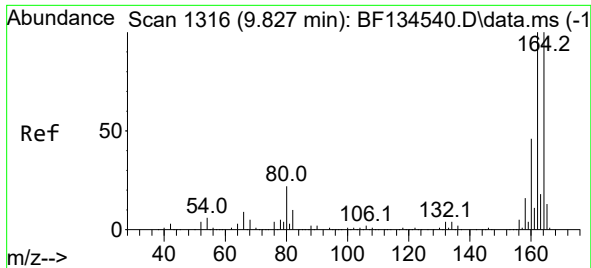
Tgt Ion: 82 Resp: 818873
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.885 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.230 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion:122 Resp: 162
Ion Ratio Lower Upper
122 100
105 297.9 87.5 127.5#
77 1040.0 71.4 111.4#

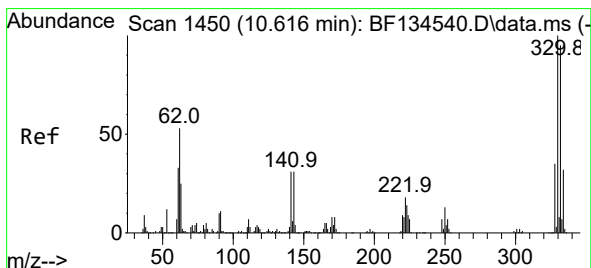
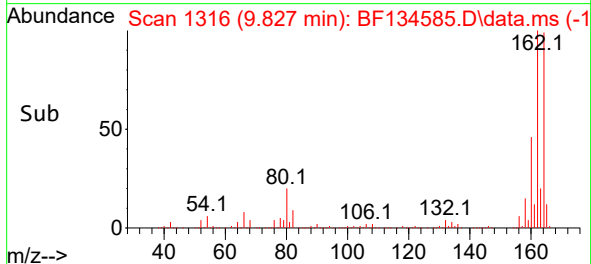
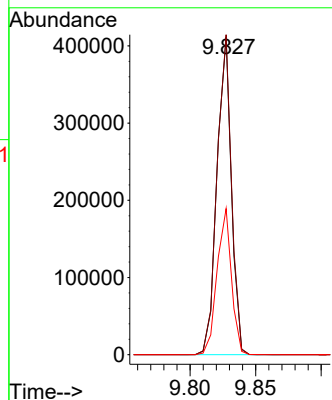
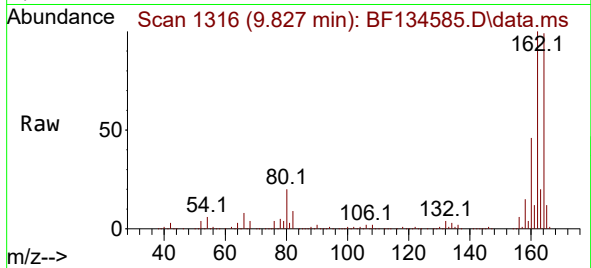




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

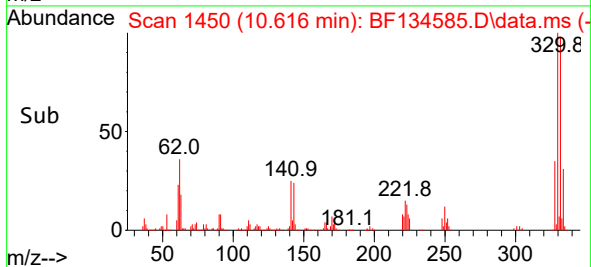
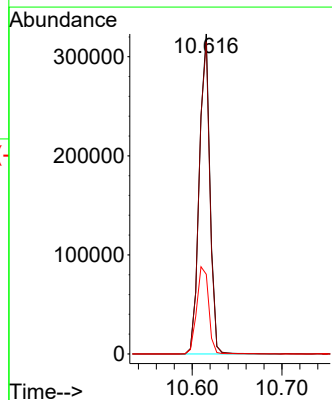
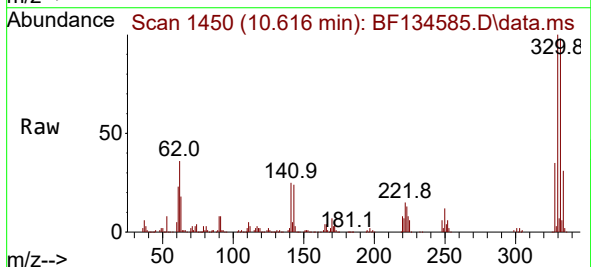
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

Tgt Ion:164 Resp: 313341
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 46.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 82.973 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion:330 Resp: 265035
Ion Ratio Lower Upper
330 100
332 98.4 78.8 118.2
141 30.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 70.686 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

Instrument :

BNA_F

ClientSampleId :

RPTP-8-CS-8

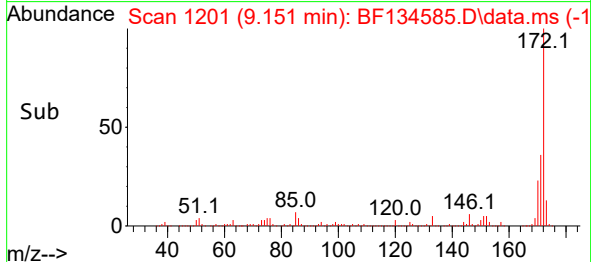
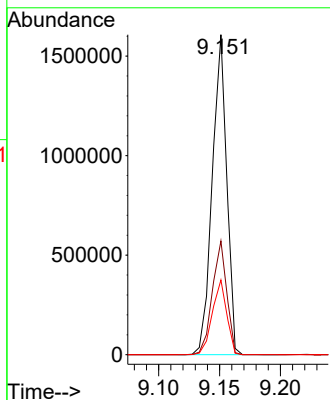
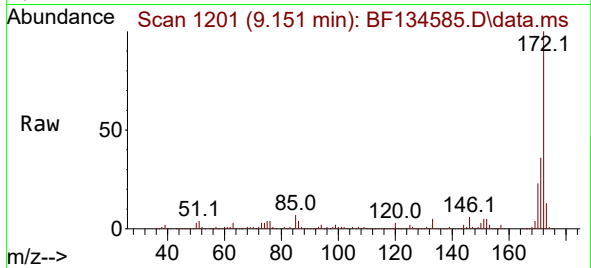
Tgt Ion:172 Resp: 1332099

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.440 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

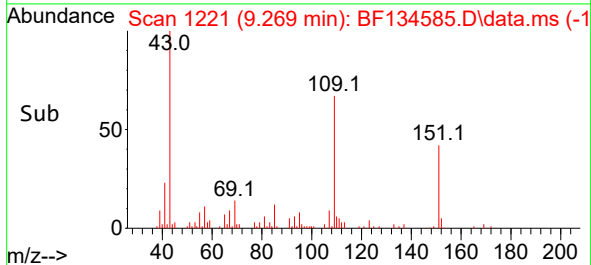
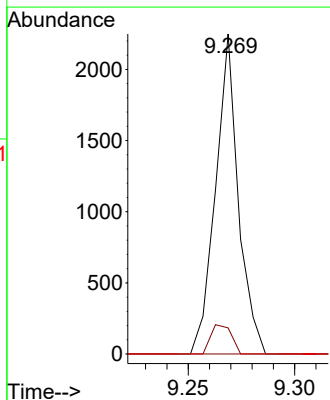
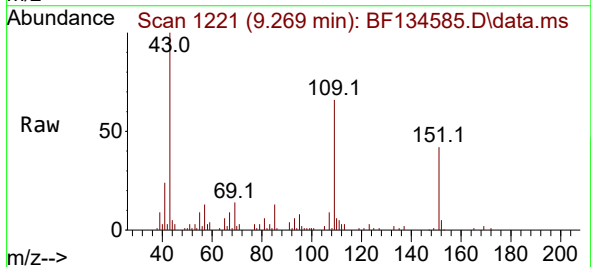
Tgt Ion: 65 Resp: 1670

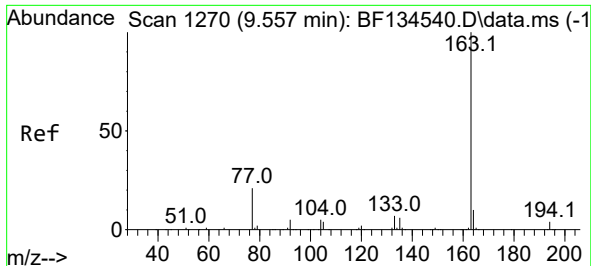
Ion Ratio Lower Upper

65 100

92 8.2 50.7 76.1#

138 0.0 78.2 117.4#

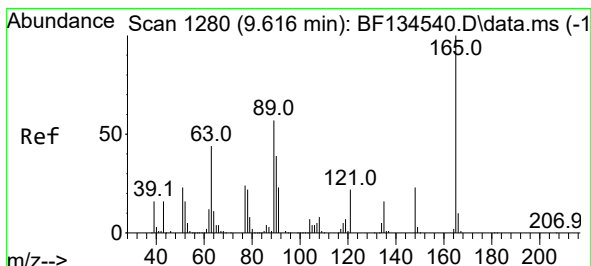
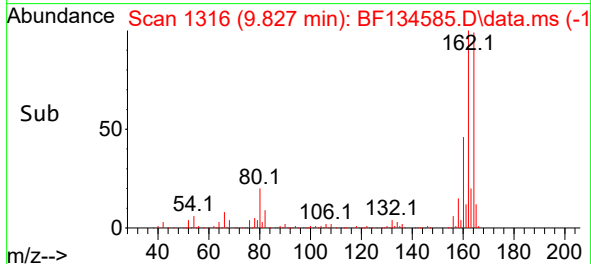
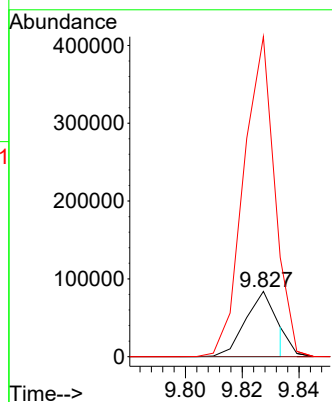
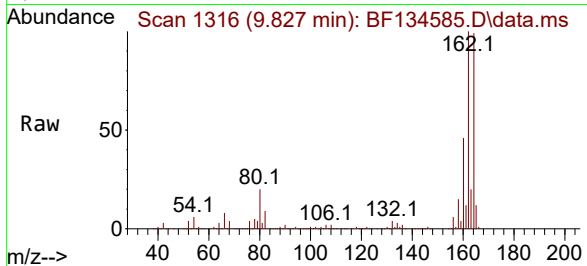




#50
Dimethylphthalate
Concen: 3.029 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.270 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

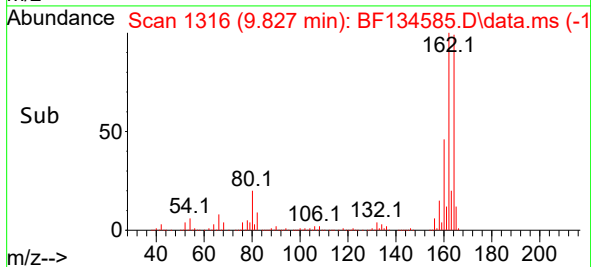
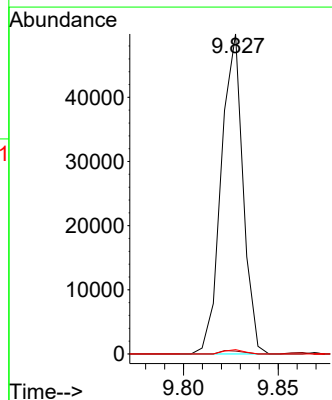
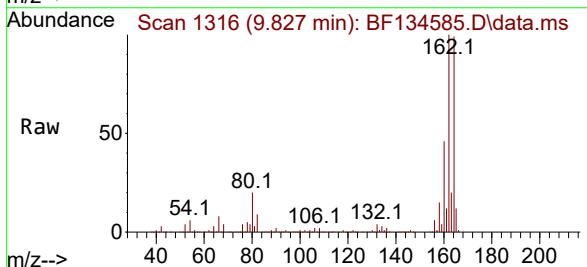
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

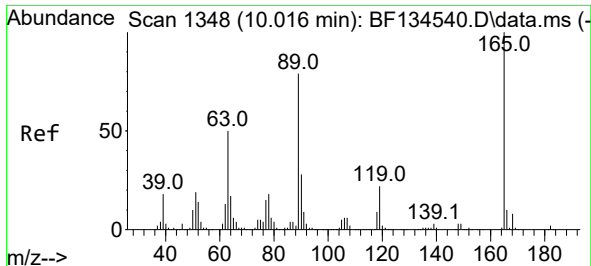
Tgt Ion:163 Resp: 64698
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 490.4 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.137 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.211 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

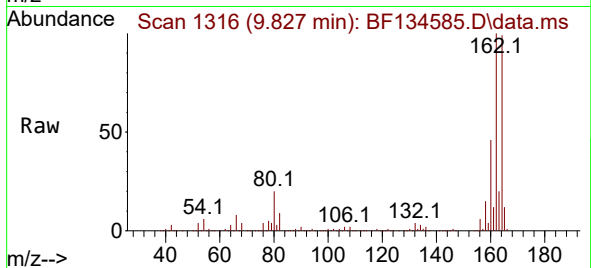
Tgt Ion:165 Resp: 39887
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.4 51.8 77.8#



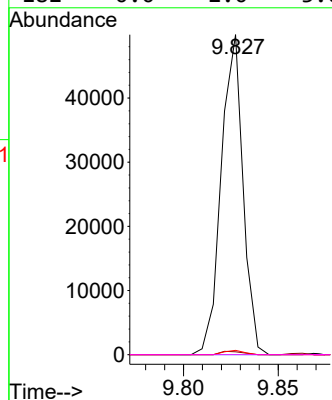
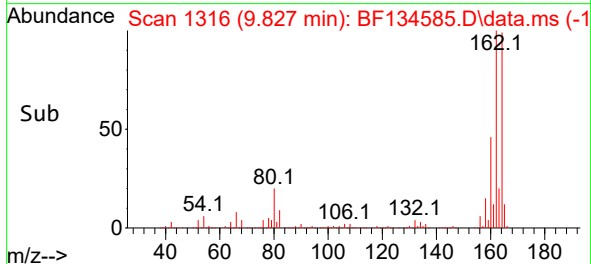


#57
2,4-Dinitrotoluene
Concen: 9.950 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

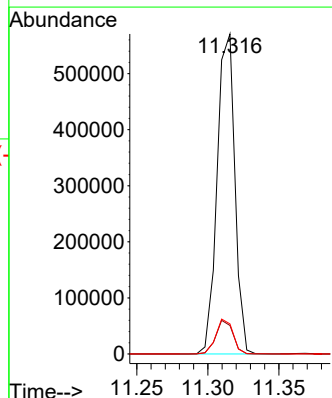
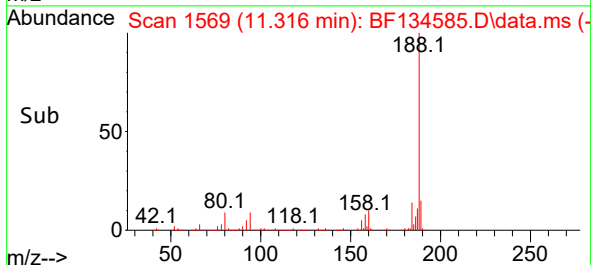
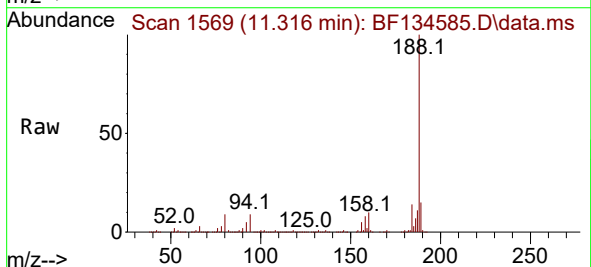


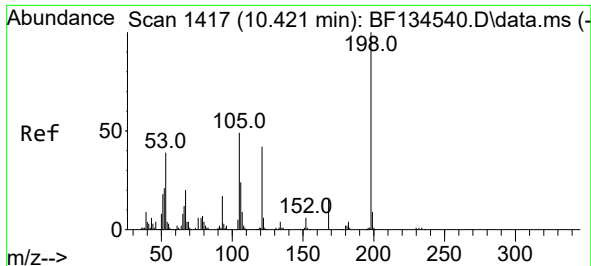
Tgt Ion:165 Resp: 39887
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion:188 Resp: 496234
Ion Ratio Lower Upper
188 100
94 8.9 5.1 7.7#
80 9.4 6.6 9.8

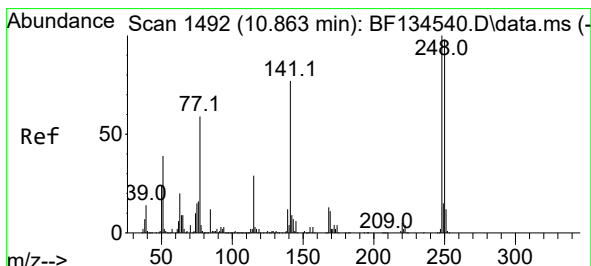
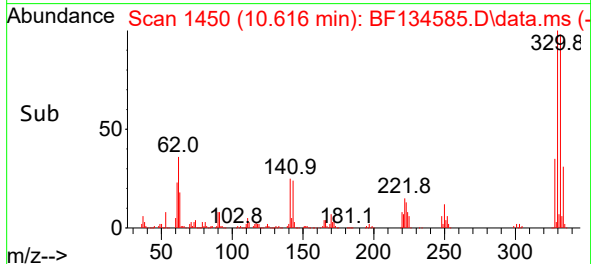
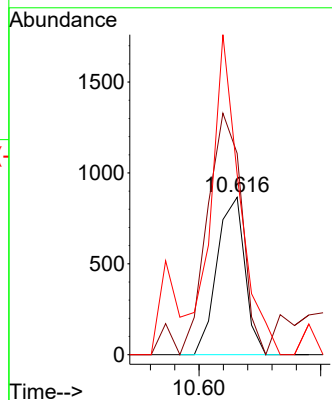
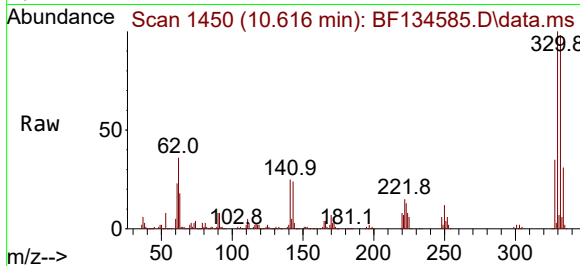




#65
4,6-Dinitro-2-methylphenol
Concen: 8.981 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

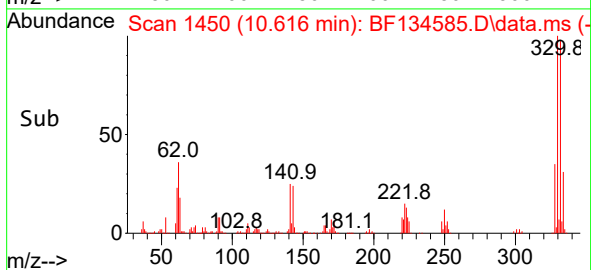
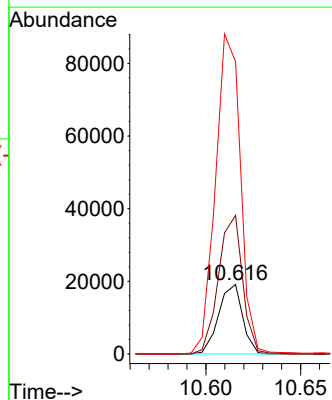
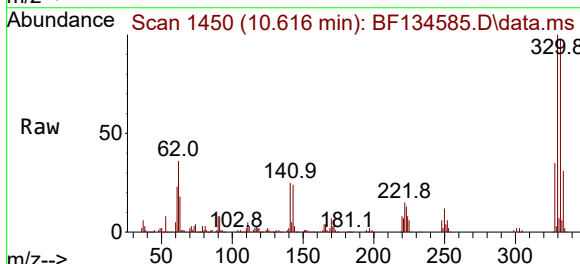
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

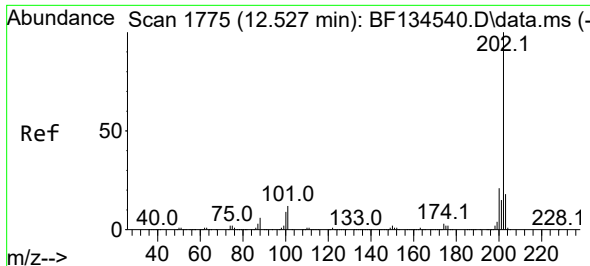
Tgt Ion:198 Resp: 691
Ion Ratio Lower Upper
198 100
51 127.9 38.6 78.6#
105 114.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 3.095 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion:248 Resp: 16811
Ion Ratio Lower Upper
248 100
250 199.7 79.6 119.4#
141 421.1 59.6 89.4#

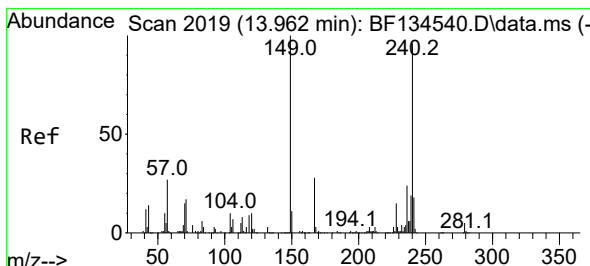
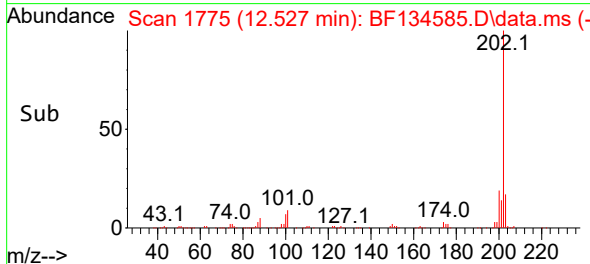
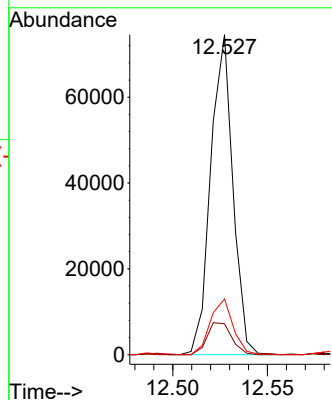
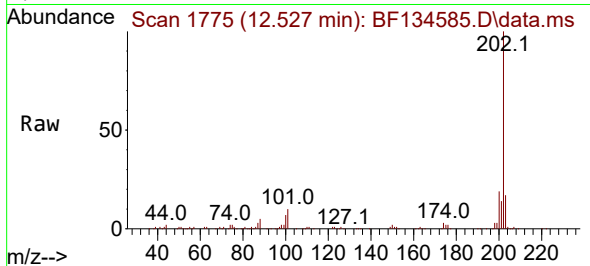




#75
Fluoranthene
Concen: 2.189 ng
RT: 12.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

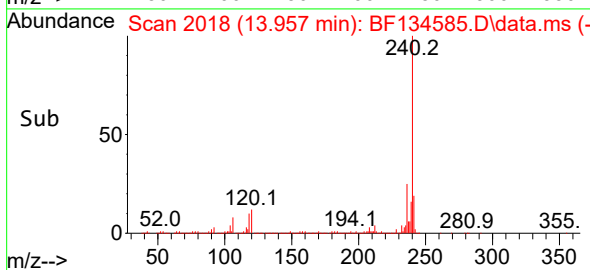
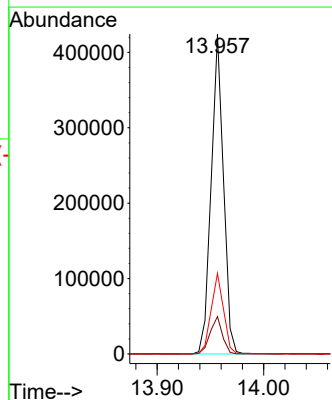
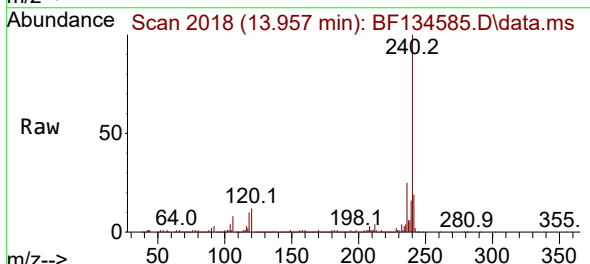
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

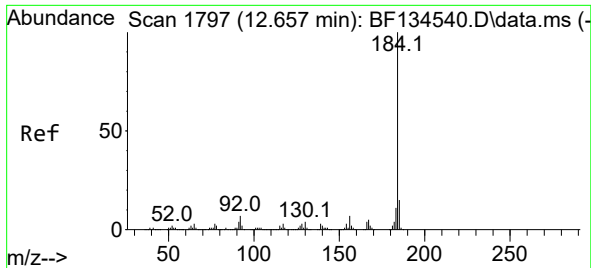
Tgt Ion:202 Resp: 60939
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.5
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion:240 Resp: 341782
Ion Ratio Lower Upper
240 100
120 11.7 6.6 10.0#
236 25.2 20.2 30.2

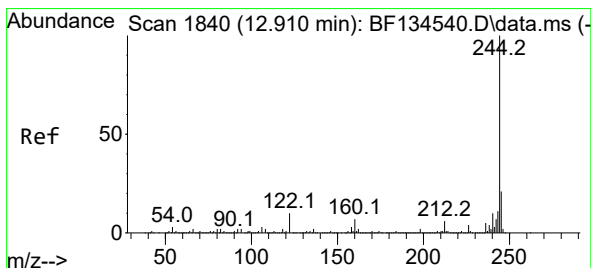
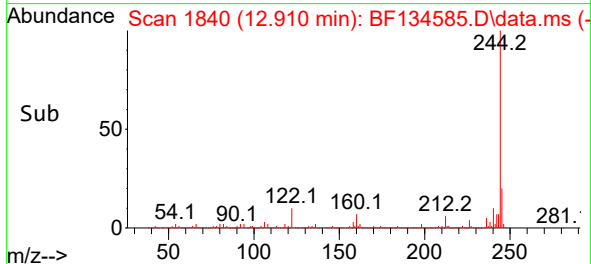
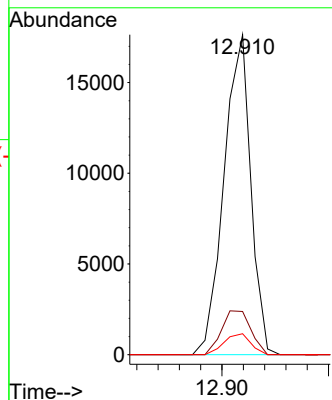
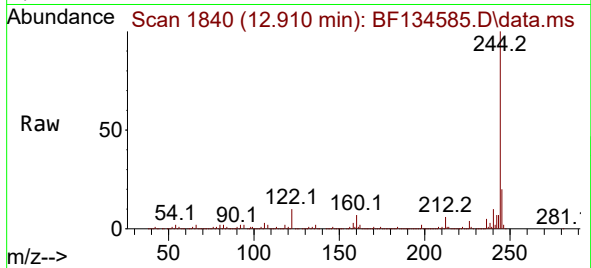




#77
Benzidine
Concen: 2.071 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.253 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

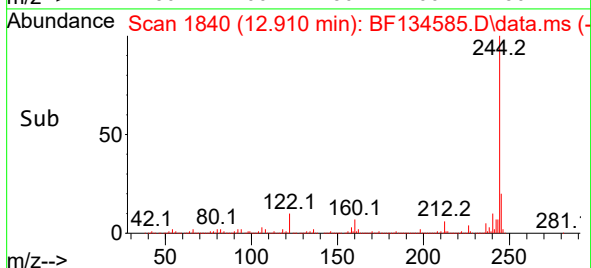
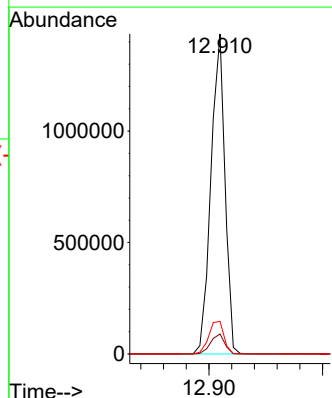
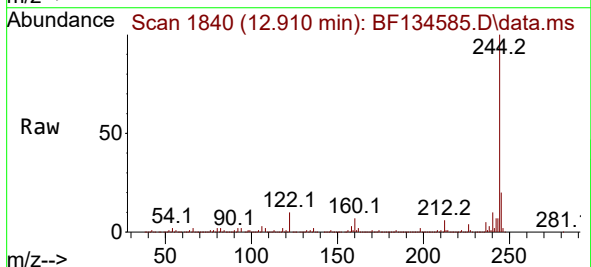
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

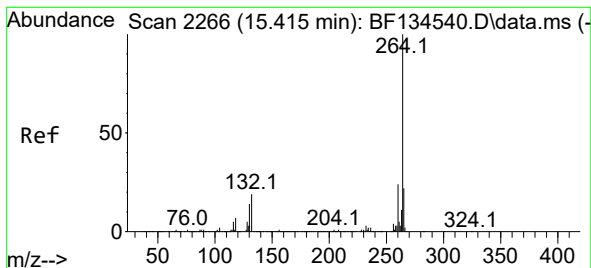
Tgt Ion:184 Resp: 15366
Ion Ratio Lower Upper
184 100
185 13.5 11.2 16.8
183 6.6 8.6 13.0#



#79
Terphenyl-d14
Concen: 63.294 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion:244 Resp: 1227140
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 10.2 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

Instrument :

BNA_F

ClientSampleId :

RPTP-8-CS-8

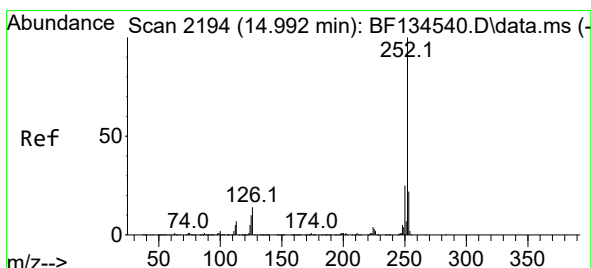
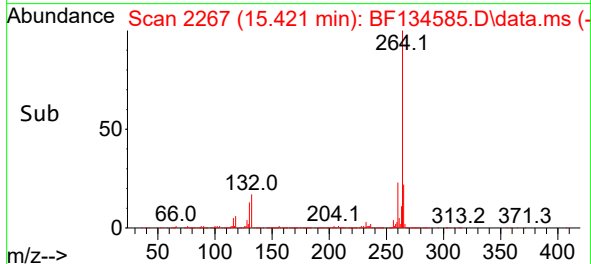
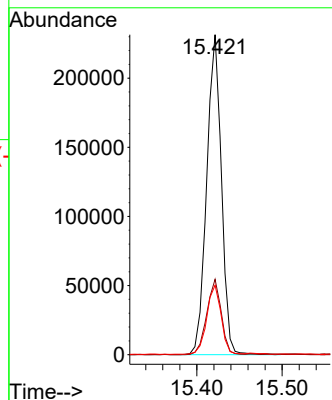
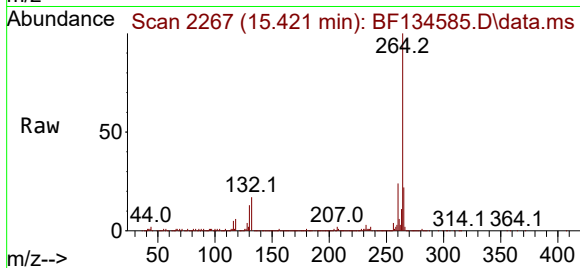
Tgt Ion:264 Resp: 277479

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.7 15.8 23.8



#88

Benzo(b)fluoranthene

Concen: 2.033 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

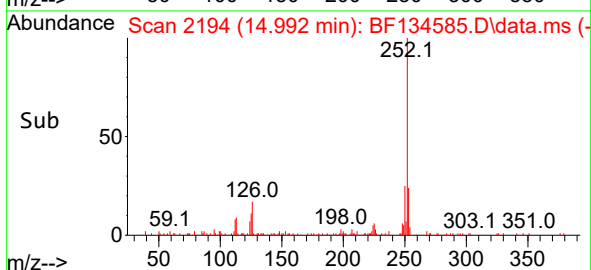
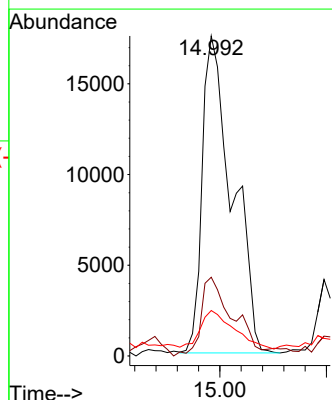
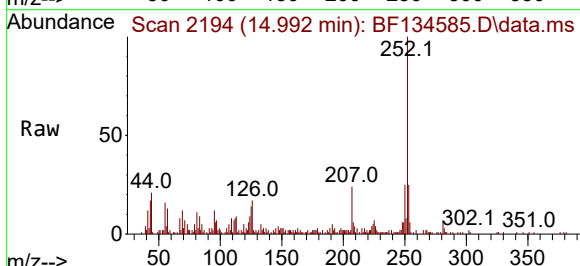
Tgt Ion:252 Resp: 34397

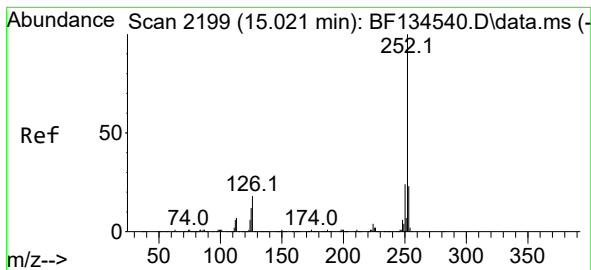
Ion Ratio Lower Upper

252 100

253 24.6 17.3 25.9

125 14.2 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 2.040 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134585.D

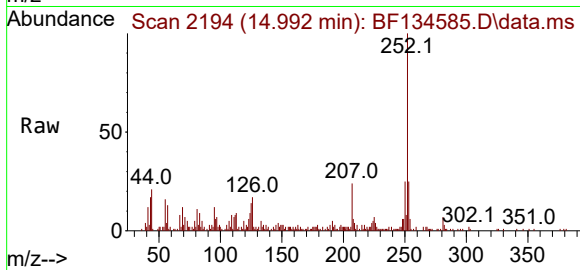
Acq: 02 Aug 2023 18:01

Instrument :

BNA_F

ClientSampleId :

RPTP-8-CS-8



Tgt Ion:252 Resp: 34397

Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

125 14.2 6.3 9.5#

