

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134614.D
 Acq On : 03 Aug 2023 16:13
 Operator : CG\JU
 Sample : 03756-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-11-CS-11

Quant Time: Aug 04 01:09:19 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)

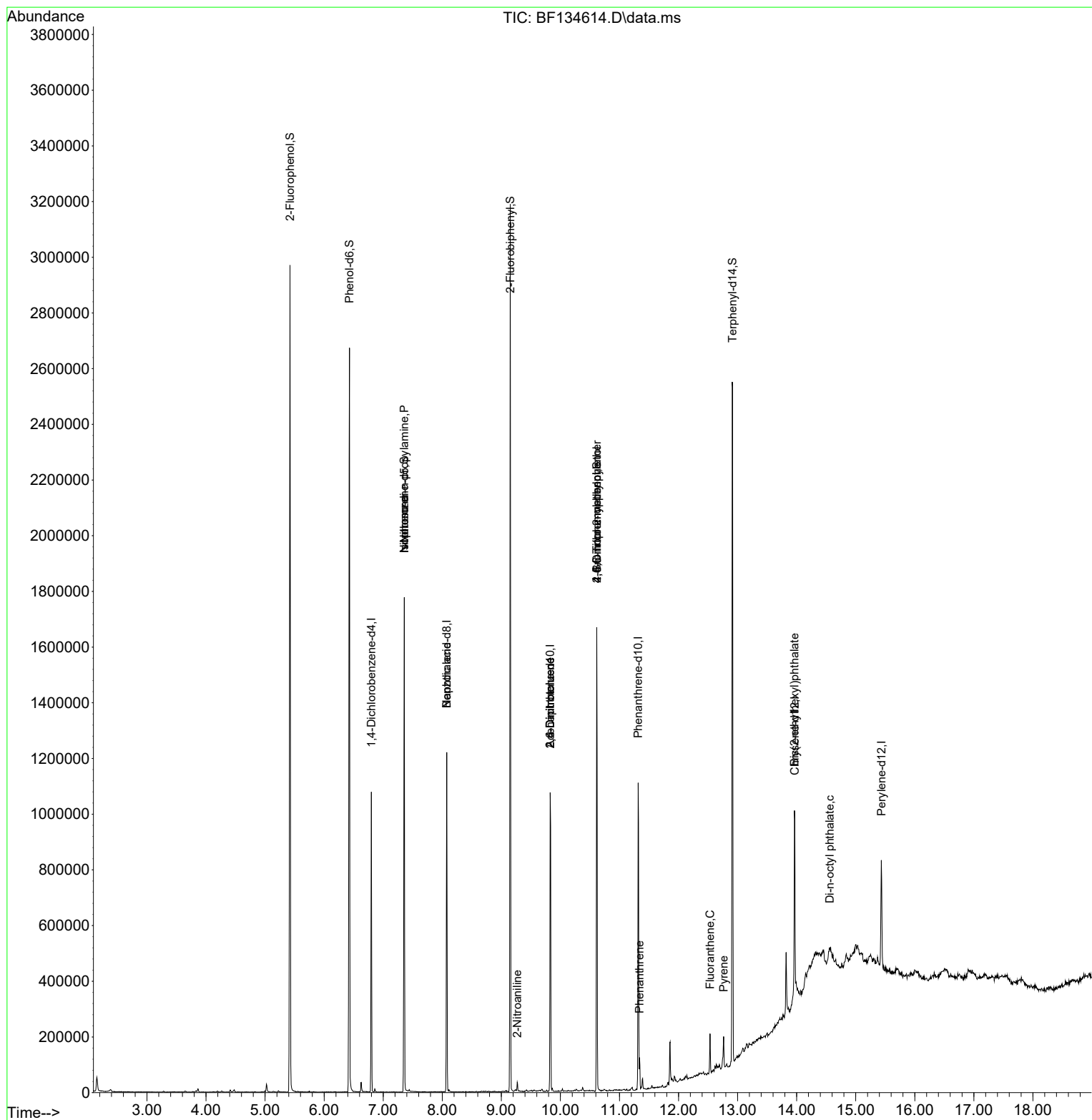
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	138054	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	481663	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	209660	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	390559	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	221065	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	188993	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	749142	82.487	ng	0.00
7) Phenol-d6	6.428	99	917243	79.008	ng	0.00
23) Nitrobenzene-d5	7.357	82	486474	63.117	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	187887	87.909	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	844240	66.952	ng	0.00
79) Terphenyl-d14	12.916	244	907630	72.378	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	57	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	65759	9.461 ng	#	73
25) Isophorone	7.357	82	486559	28.943 ng	#	65
32) Benzoic acid	8.075	122	56	7.877 ng	#	1
48) 2-Nitroaniline	9.269	65	296	3.239 ng	#	8
51) 2,6-Dinitrotoluene	9.828	165	27455	11.385 ng	#	17
57) 2,4-Dinitrotoluene	9.828	165	27455	10.153 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.616	198	390	8.901 ng	#	1
67) 4-Bromophenyl-phenylether	10.616	248	11764	2.752 ng	#	1
71) Phenanthrene	11.339	178	44624	2.151 ng		98
75) Fluoranthene	12.533	202	50296	2.295 ng		97
78) Pyrene	12.763	202	47007	2.457 ng		96
84) Bis(2-ethylhexyl)phtha...	13.963	149	36778	4.832 ng	#	66
85) Di-n-octyl phthalate	14.563	149	38332	3.311 ng	#	86

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

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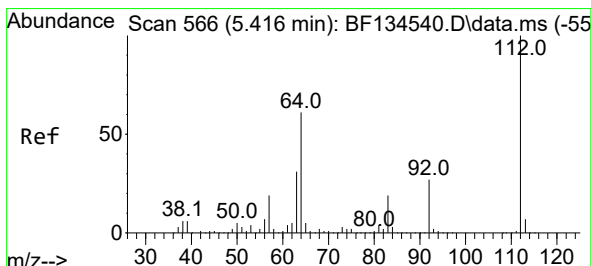
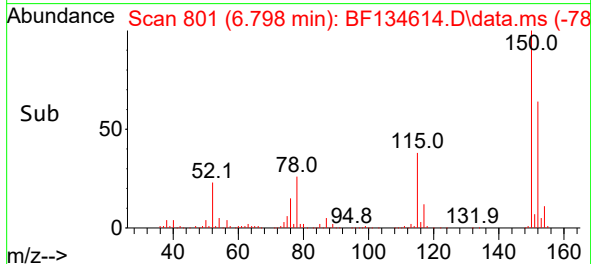
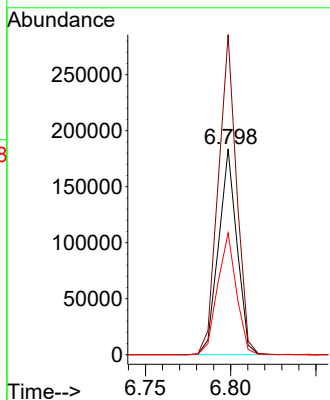
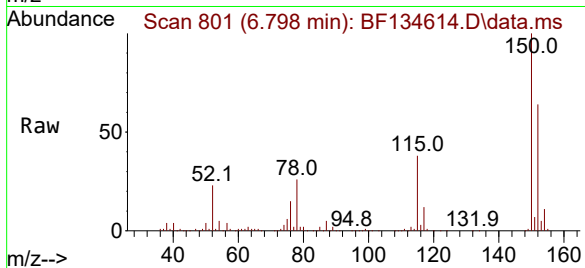




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

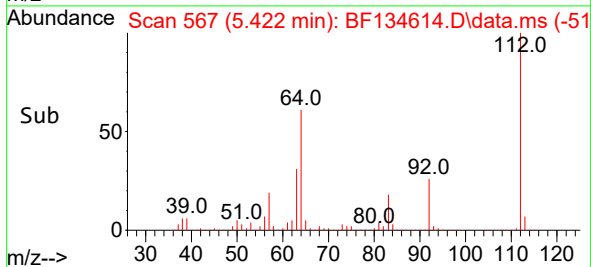
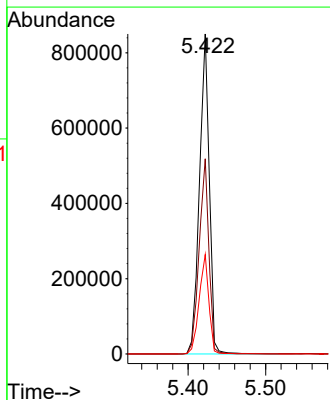
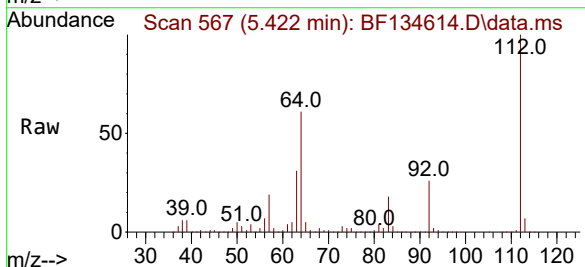
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

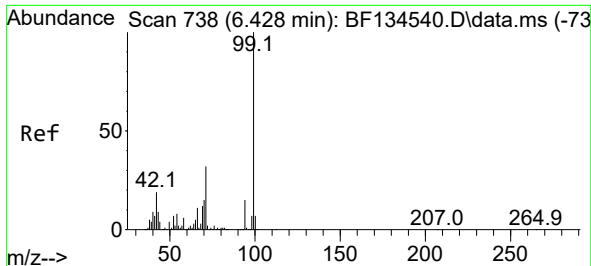
Tgt Ion:152 Resp: 138054
Ion Ratio Lower Upper
152 100
150 155.5 128.3 192.5
115 59.1 52.4 78.6



#5
2-Fluorophenol
Concen: 82.487 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

Tgt Ion:112 Resp: 749142
Ion Ratio Lower Upper
112 100
64 61.0 44.9 67.3
63 31.0 25.4 38.0

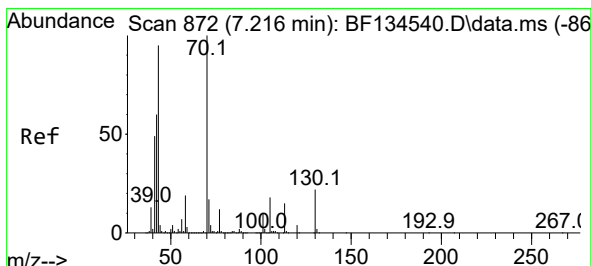
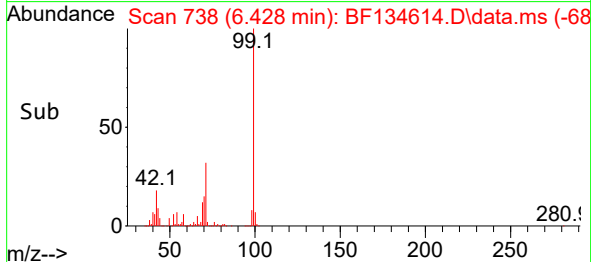
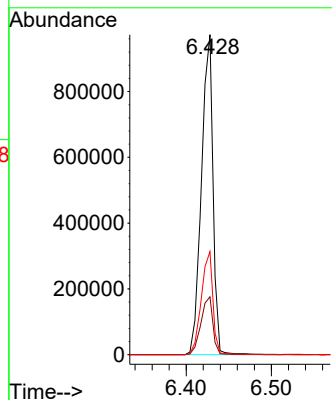
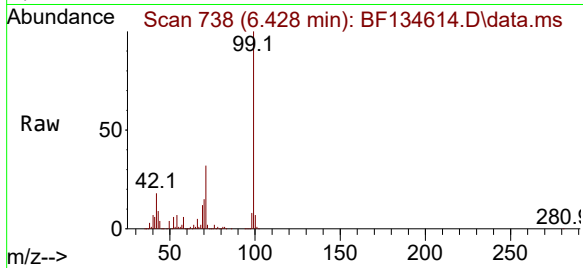




#7
Phenol-d6
Concen: 79.008 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

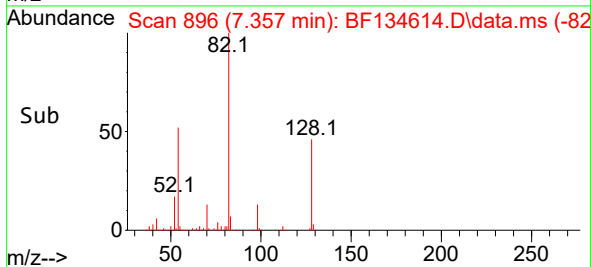
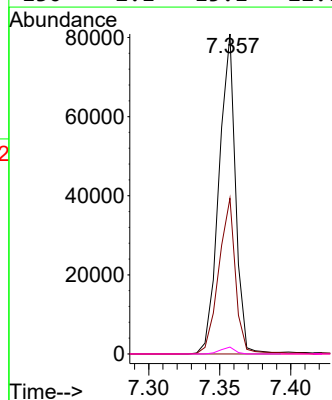
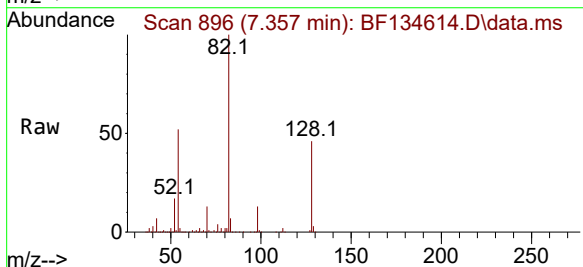
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

Tgt Ion: 99 Resp: 917243
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1#
71 32.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.461 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

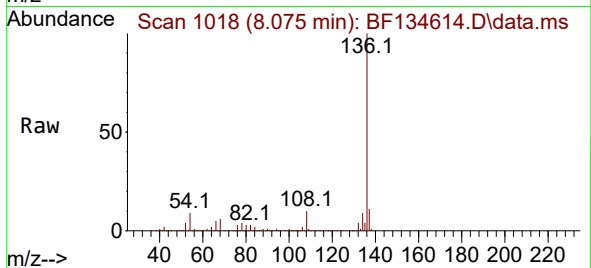
Tgt Ion: 70 Resp: 65759
Ion Ratio Lower Upper
70 100
42 48.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#



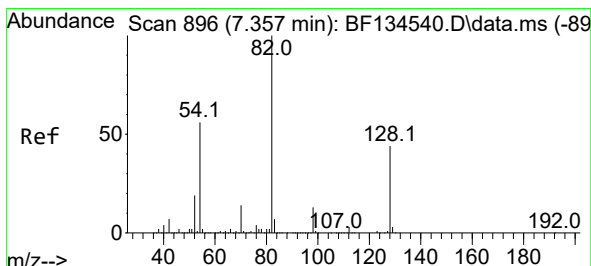
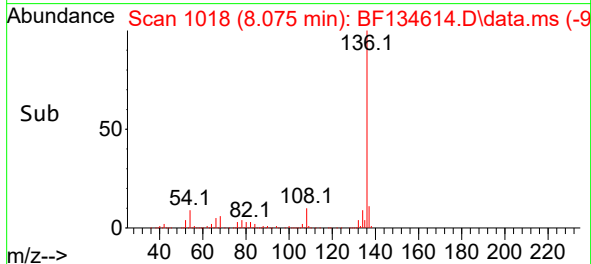
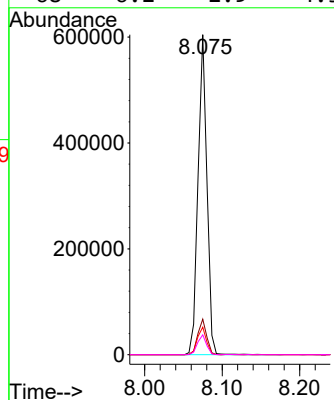


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

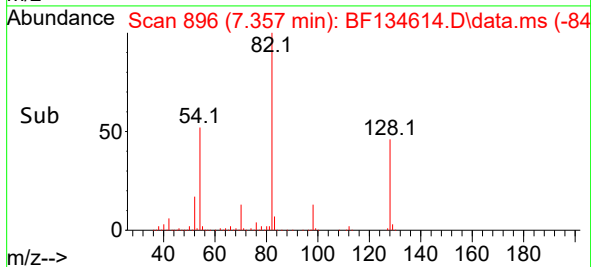
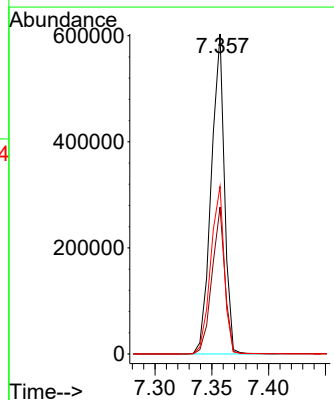
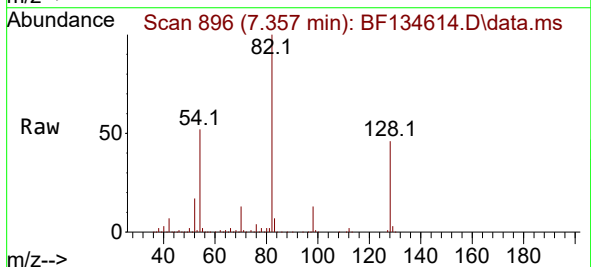


Tgt Ion:136 Resp: 481663
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.2 7.8#
68 6.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 63.117 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

Tgt Ion: 82 Resp: 486474
Ion Ratio Lower Upper
82 100
128 45.9 34.3 51.5
54 52.4 43.8 65.6

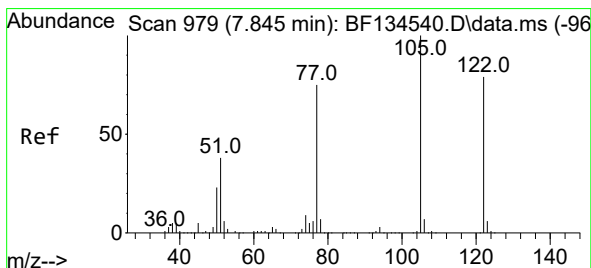
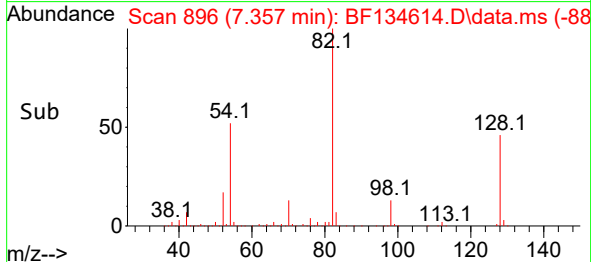
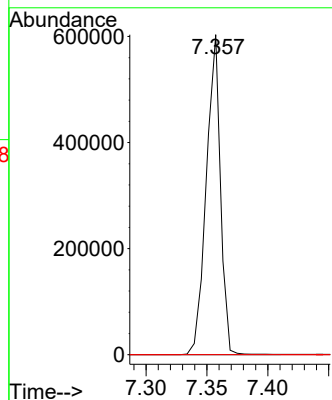
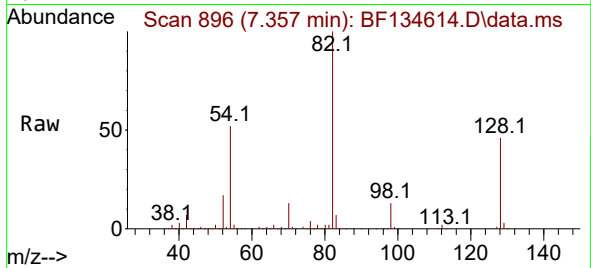




#25
Isophorone
Concen: 28.943 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

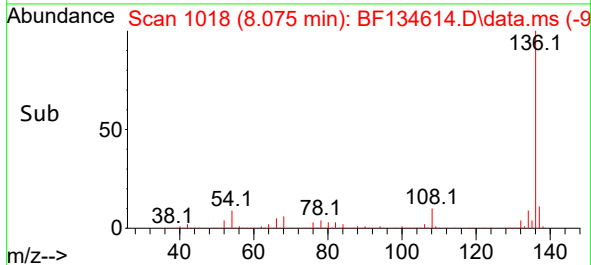
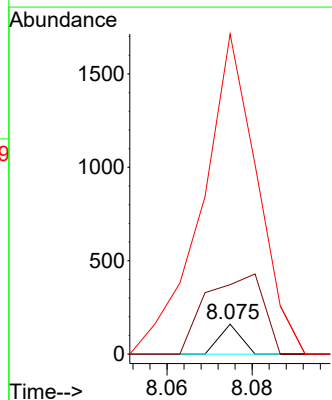
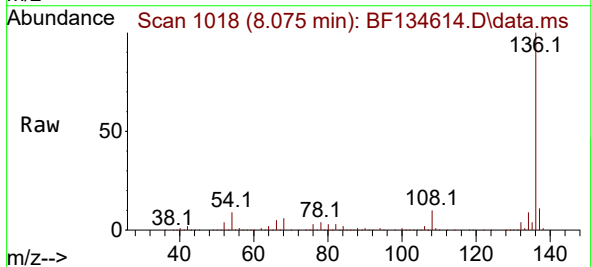
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

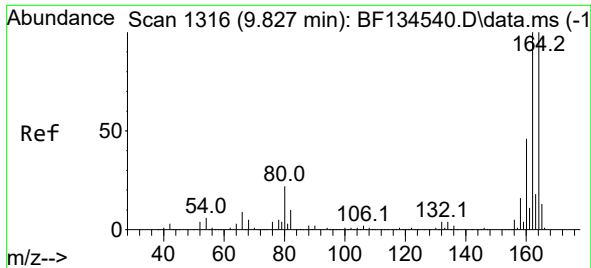
Tgt Ion: 82 Resp: 486559
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.877 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.230 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

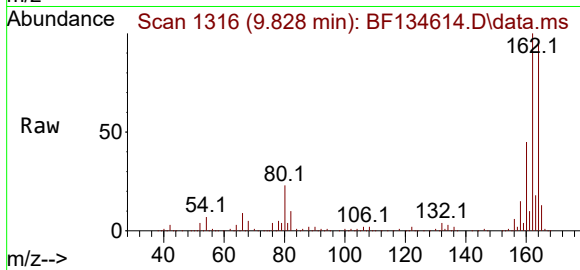
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 231.9 87.5 127.5#
77 1071.3 71.4 111.4#



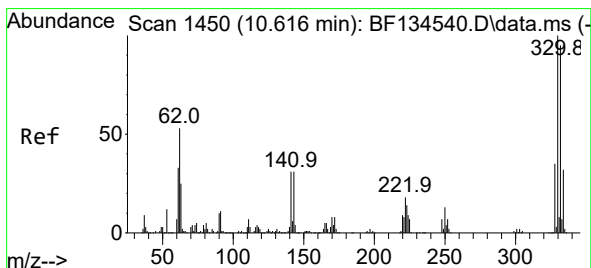
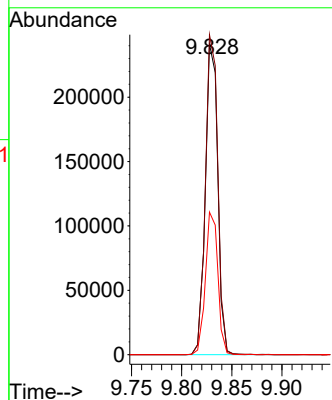
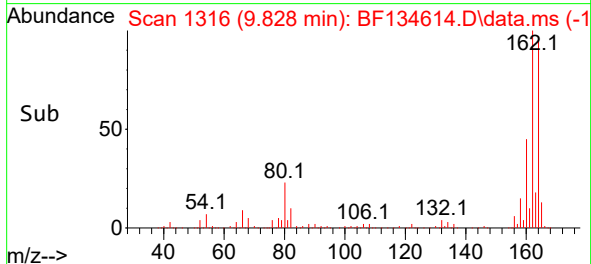


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

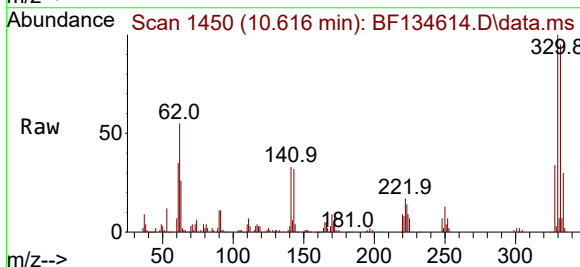
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ClientSampleId :
RPTP-11-CS-11



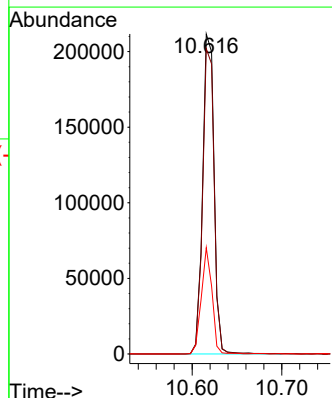
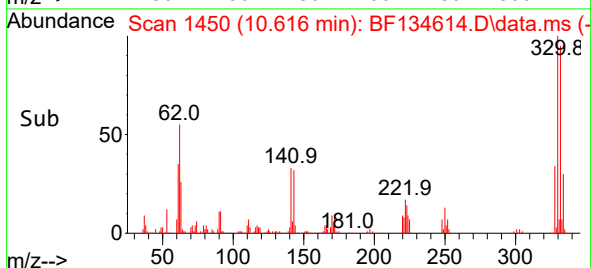
Tgt Ion:164 Resp: 209660
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.9 37.2 55.8

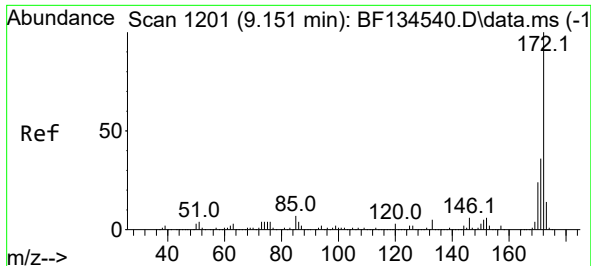


#42
2,4,6-Tribromophenol
Concen: 87.909 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13



Tgt Ion:330 Resp: 187887
Ion Ratio Lower Upper
330 100
332 96.0 78.8 118.2
141 30.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 66.952 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134614.D

Acq: 03 Aug 2023 16:13

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11

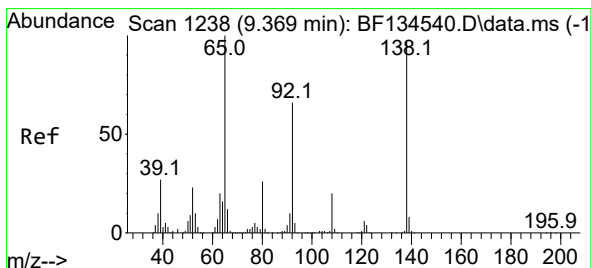
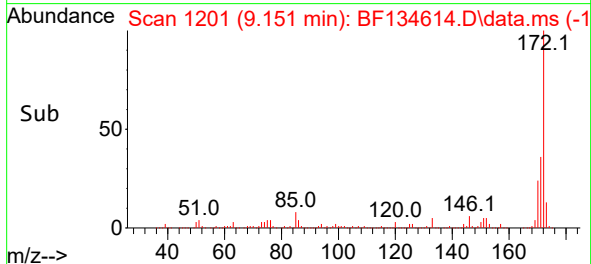
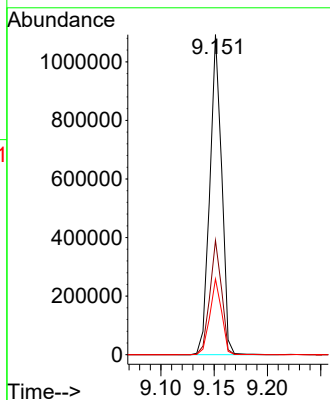
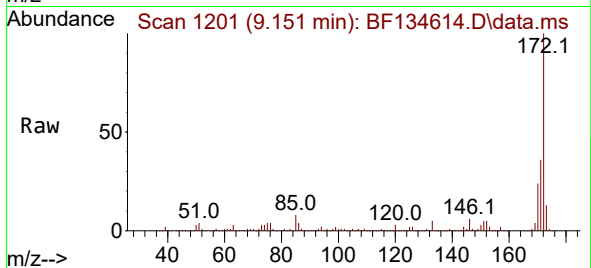
Tgt Ion:172 Resp: 844240

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 18.7 28.1



#48

2-Nitroaniline

Concen: 3.239 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134614.D

Acq: 03 Aug 2023 16:13

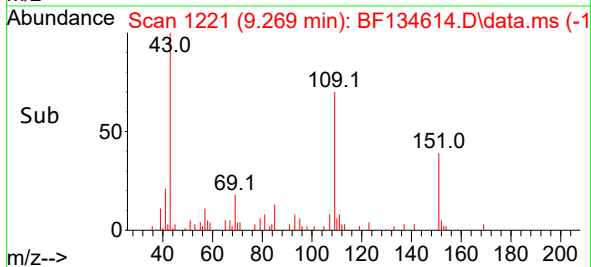
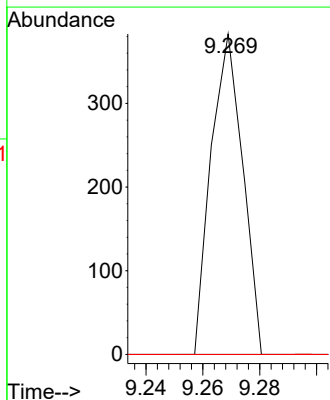
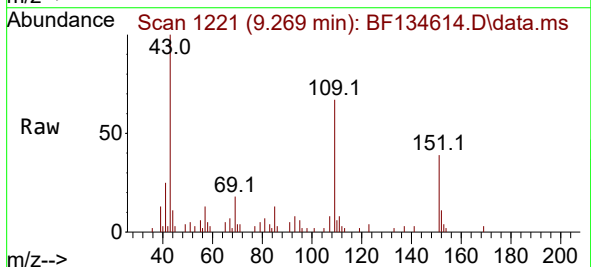
Tgt Ion: 65 Resp: 296

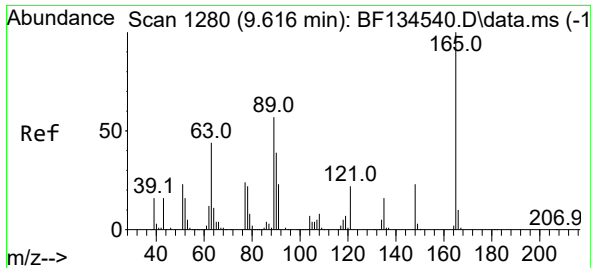
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

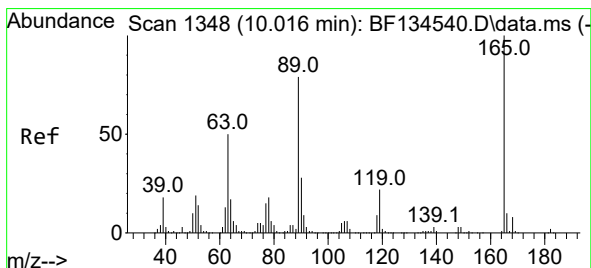
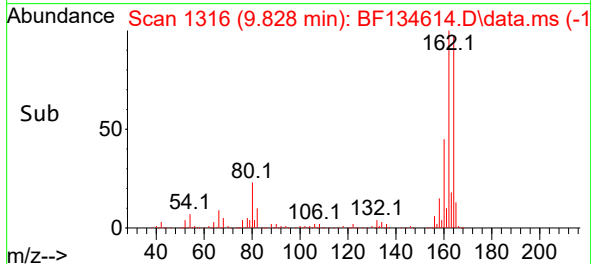
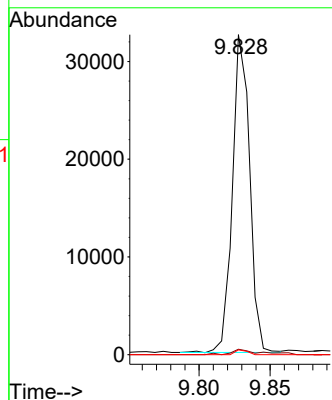
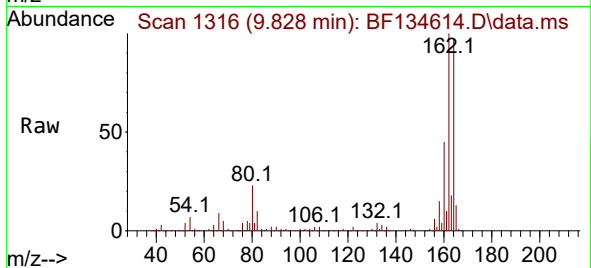




#51
2,6-Dinitrotoluene
Concen: 11.385 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

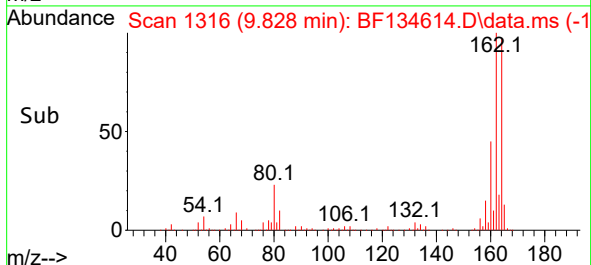
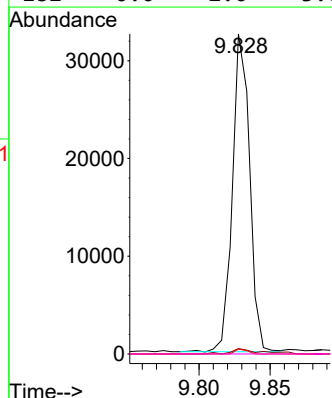
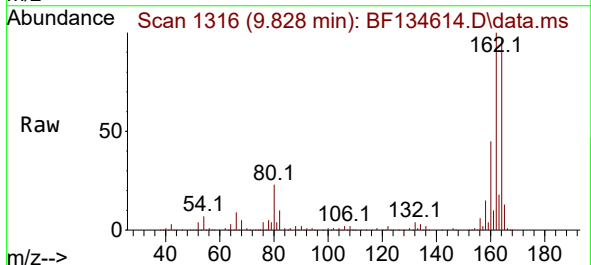
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

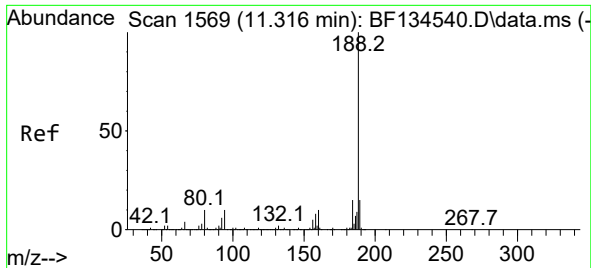
Tgt Ion:165 Resp: 27455
Ion Ratio Lower Upper
165 100
63 1.7 57.8 86.6#
89 1.5 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.153 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

Tgt Ion:165 Resp: 27455
Ion Ratio Lower Upper
165 100
63 1.7 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#

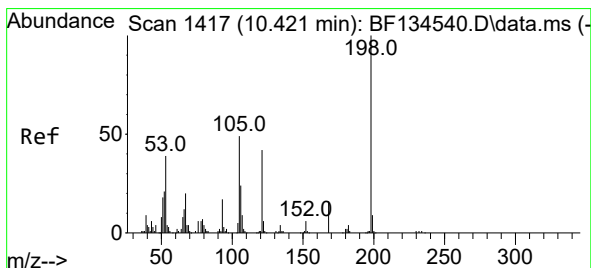
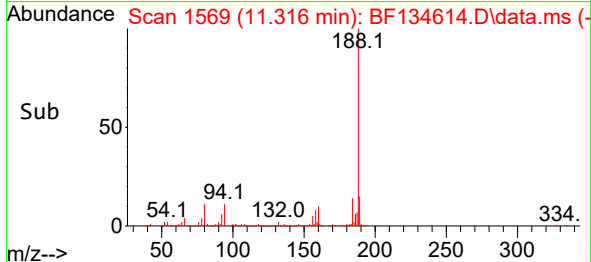
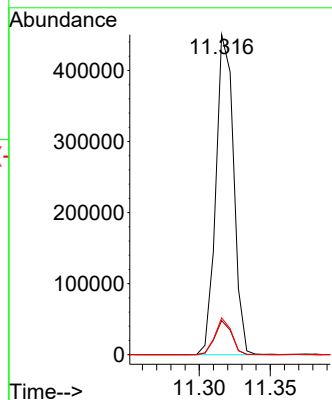
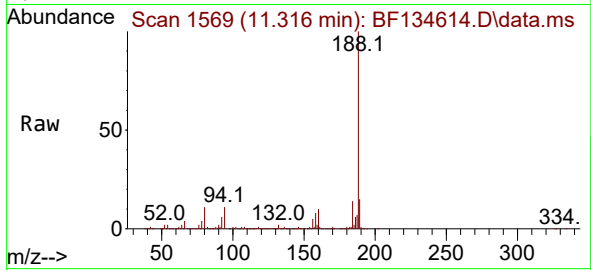




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

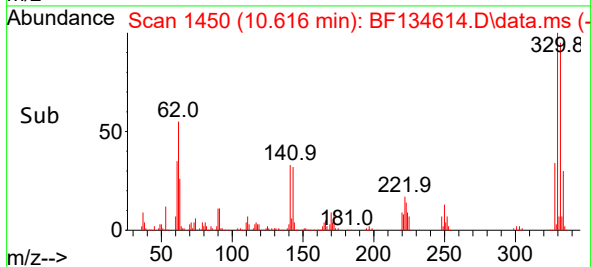
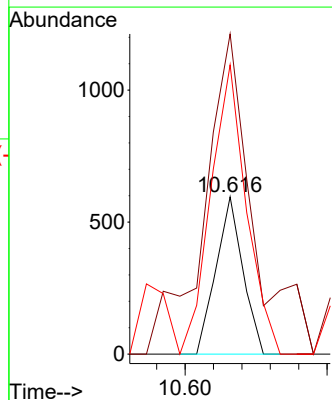
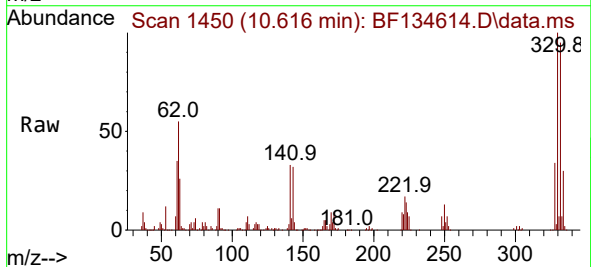
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

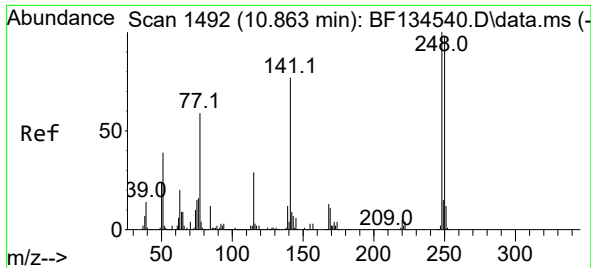
Tgt Ion:188 Resp: 390559
Ion Ratio Lower Upper
188 100
94 10.6 5.1 7.7#
80 11.5 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.901 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.195 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

Tgt Ion:198 Resp: 390
Ion Ratio Lower Upper
198 100
51 203.5 38.6 78.6#
105 183.9 27.9 67.9#

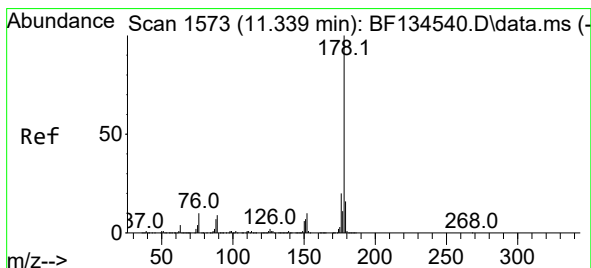
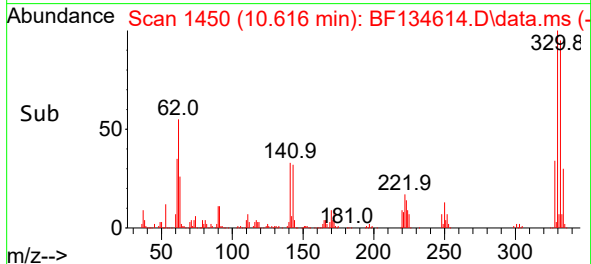
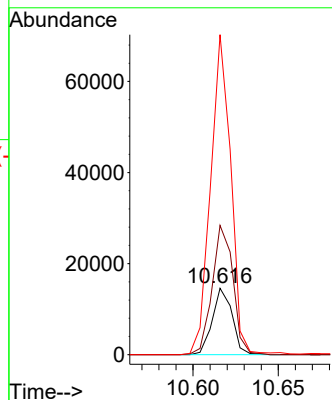
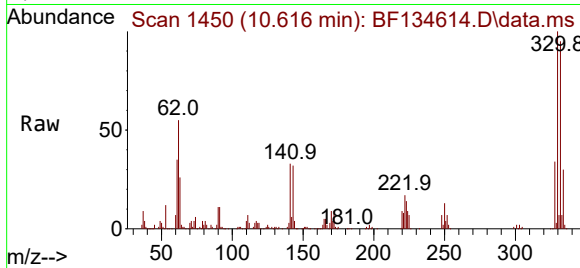




#67
4-Bromophenyl-phenylether
Concen: 2.752 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

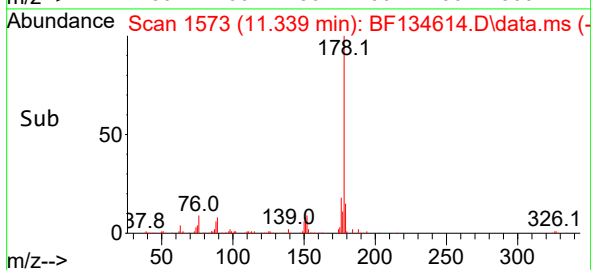
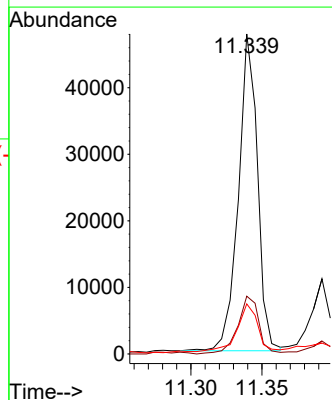
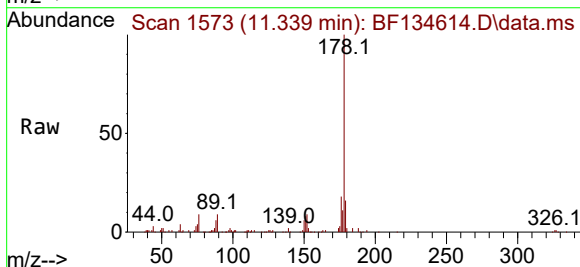
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

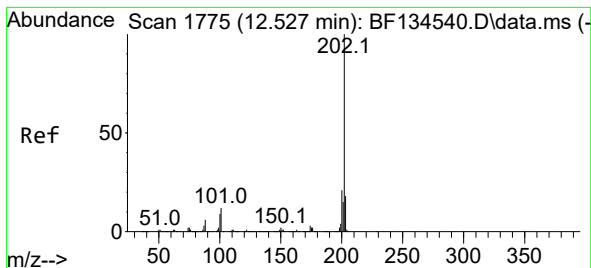
Tgt Ion:248 Resp: 11764
Ion Ratio Lower Upper
248 100
250 194.8 79.6 119.4#
141 482.0 59.6 89.4#



#71
Phenanthrene
Concen: 2.151 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:13

Tgt Ion:178 Resp: 44624
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 15.6 12.7 19.1





#75

Fluoranthene

Concen: 2.295 ng

RT: 12.533 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134614.D

Acq: 03 Aug 2023 16:13

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11

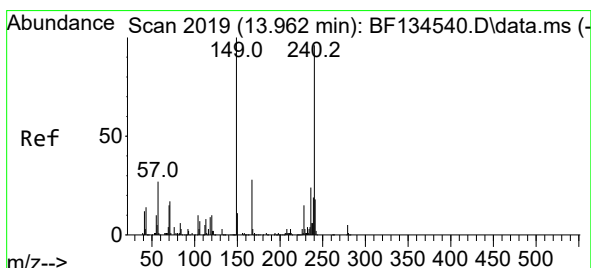
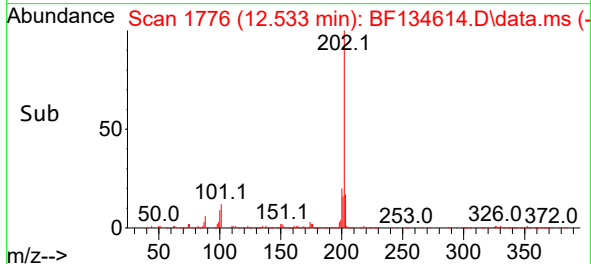
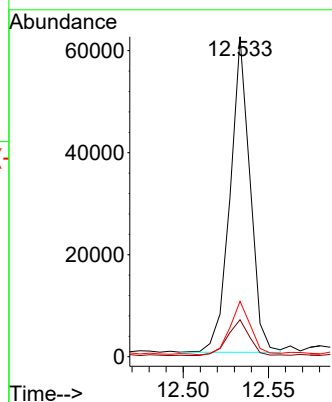
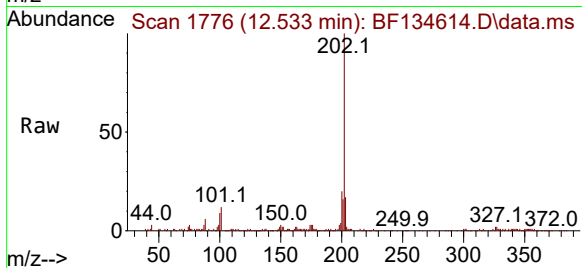
Tgt Ion:202 Resp: 50296

Ion Ratio Lower Upper

202 100

101 11.5 0.0 28.5

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF134614.D

Acq: 03 Aug 2023 16:13

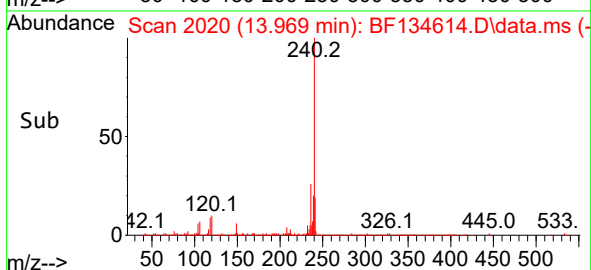
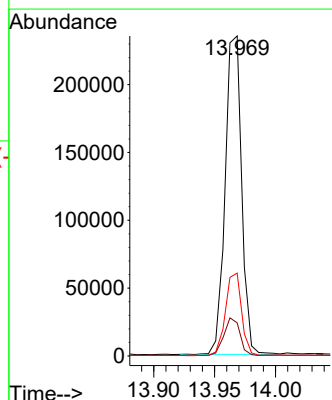
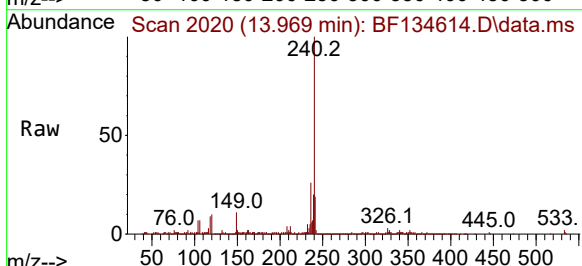
Tgt Ion:240 Resp: 221065

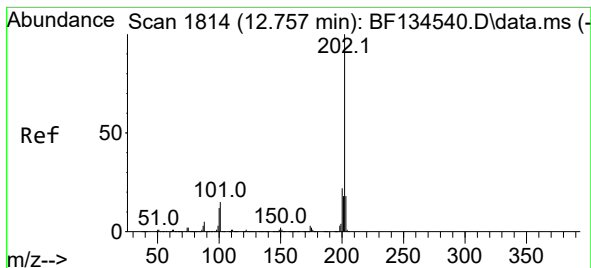
Ion Ratio Lower Upper

240 100

120 10.4 6.6 10.0#

236 25.9 20.2 30.2





#78

Pyrene

Concen: 2.457 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF134614.D

Acq: 03 Aug 2023 16:13

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11

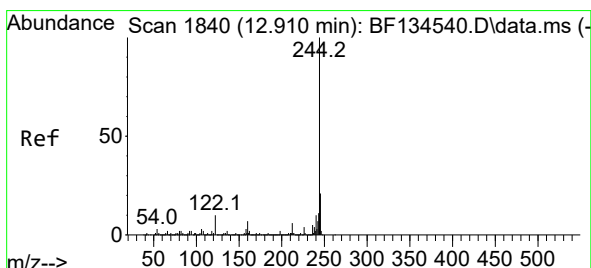
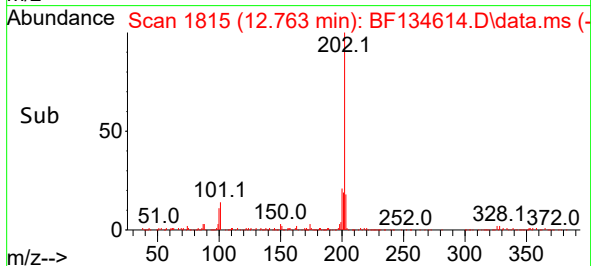
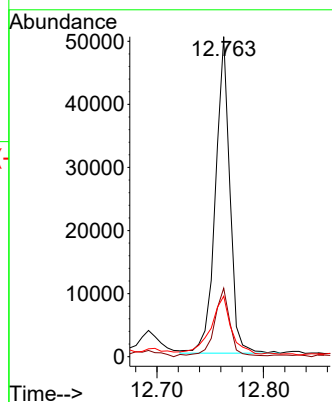
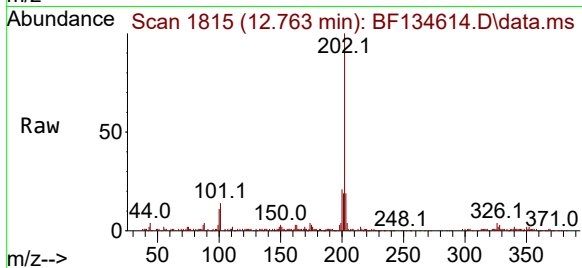
Tgt Ion:202 Resp: 47007

Ion Ratio Lower Upper

202 100

200 21.4 15.8 23.8

203 18.9 13.5 20.3



#79

Terphenyl-d14

Concen: 72.378 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF134614.D

Acq: 03 Aug 2023 16:13

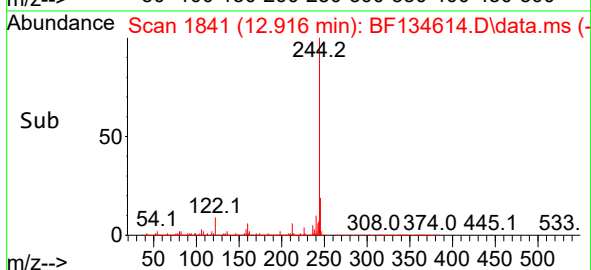
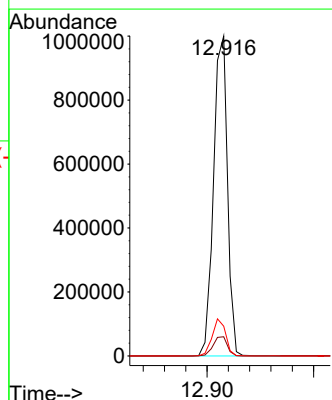
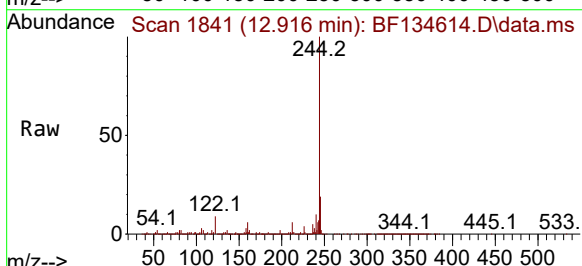
Tgt Ion:244 Resp: 907630

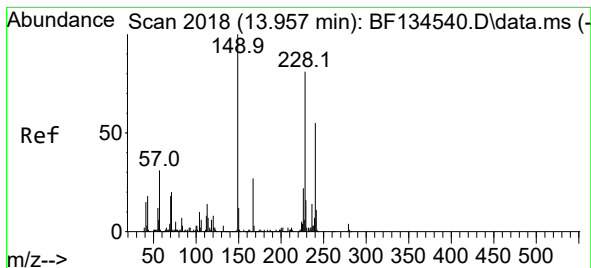
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

122 9.3 8.0 12.0

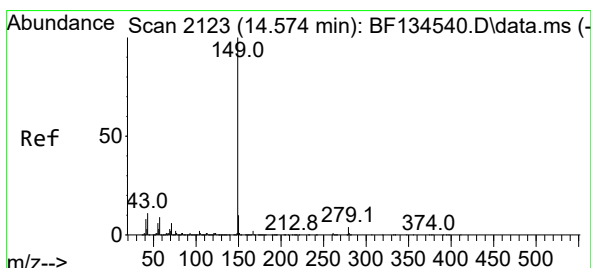
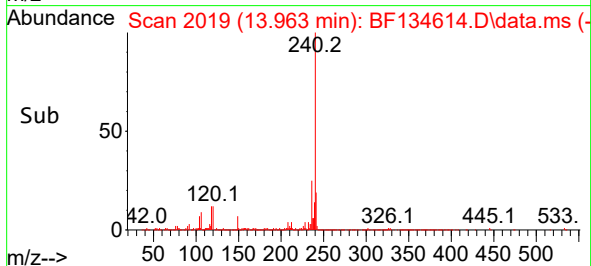
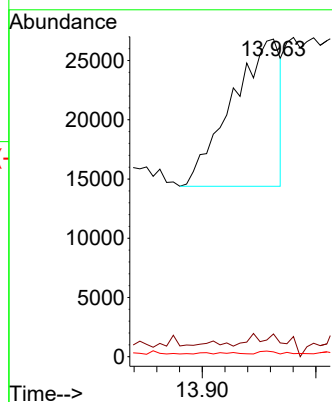
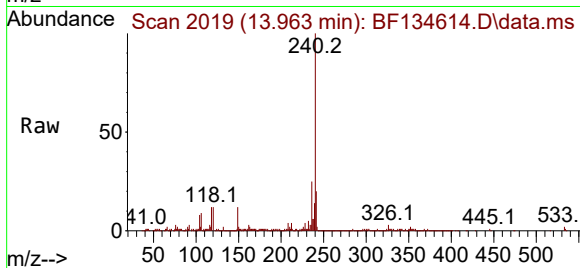




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.832 ng
 RT: 13.963 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: BF134614.D
 Acq: 03 Aug 2023 16:13

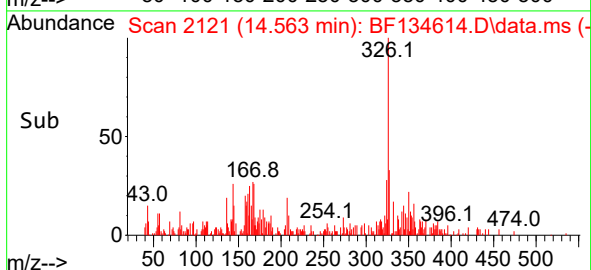
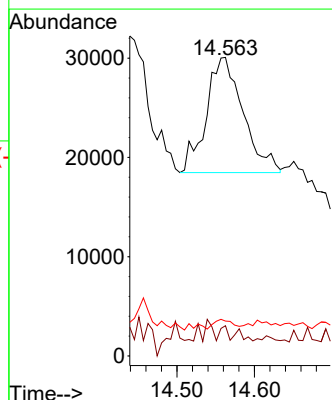
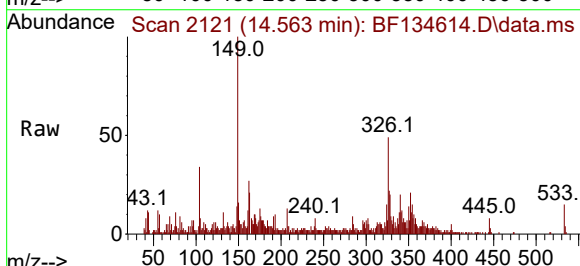
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-11-CS-11

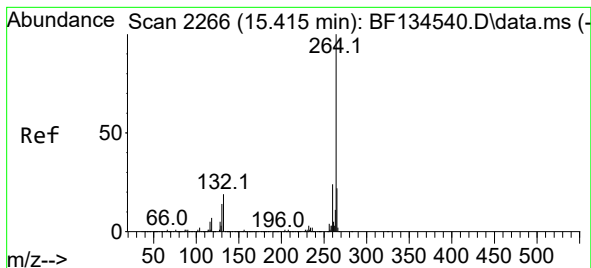
Tgt Ion:149 Resp: 36778
 Ion Ratio Lower Upper
 149 100
 167 7.1 21.6 32.4#
 279 1.5 3.5 5.3#



#85
 Di-n-octyl phthalate
 Concen: 3.311 ng
 RT: 14.563 min Scan# 2121
 Delta R.T. -0.012 min
 Lab File: BF134614.D
 Acq: 03 Aug 2023 16:13

Tgt Ion:149 Resp: 38332
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 4.1 8.1 12.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134614.D

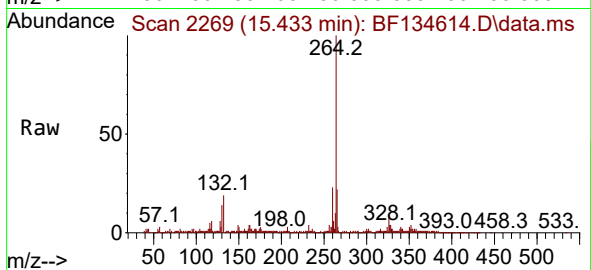
Acq: 03 Aug 2023 16:13

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11



Tgt Ion:264 Resp: 188993

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.5 15.8 23.8

