

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
 Data File : BF132855.D
 Acq On : 11 Apr 2023 18:03
 Operator : CG\JU
 Sample : PB151350BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151350BL

Quant Time: Apr 12 04:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 12 03:34:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

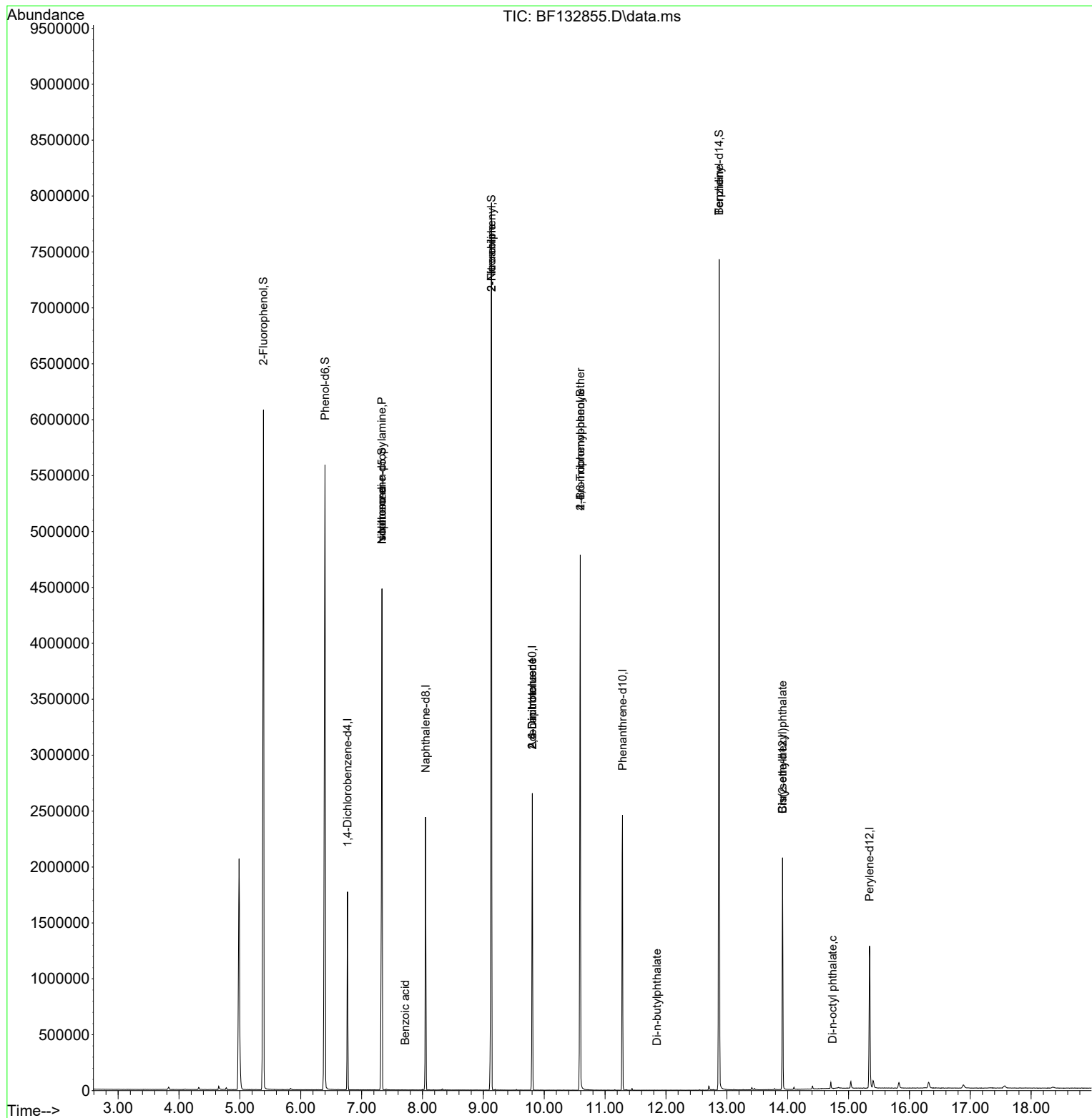
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	229819	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	908134	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	471658	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	854278	20.000	ng	0.00
76) Chrysene-d12	13.916	240	625136	20.000	ng	0.00
86) Perylene-d12	15.345	264	533423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1899288	128.388	ng	0.02
7) Phenol-d6	6.399	99	2435625	127.657	ng	0.00
23) Nitrobenzene-d5	7.334	82	1467229	83.604	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	569190	135.788	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	2427658	81.424	ng	0.00
79) Terphenyl-d14	12.875	244	2937386	81.414	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.399	77	3904	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.334	70	193411	17.805	ng	# 78
25) Isophorone	7.334	82	1463734	46.778	ng	# 64
32) Benzoic acid	7.716	122	61	5.838	ng	# 1
48) 2-Nitroaniline	9.134	65	4143	3.025	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	60496	8.707	ng	# 25
57) 2,4-Dinitrotoluene	9.804	165	60496	7.008	ng	# 22
67) 4-Bromophenyl-phenylether	10.592	248	33986	3.748	ng	# 1
74) Di-n-butylphthalate	11.851	149	71	5.734	ng	# 78
77) Benzidine	12.875	184	33732	14.065	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.916	149	66	3.297	ng	# 1
85) Di-n-octyl phthalate	14.739	149	62	3.838	ng	# 1

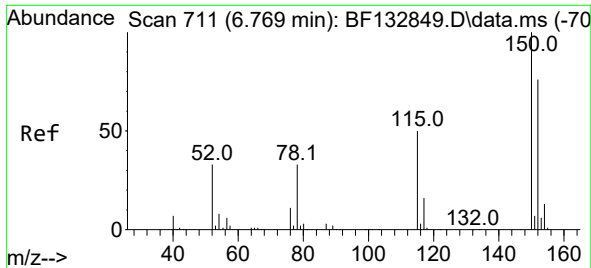
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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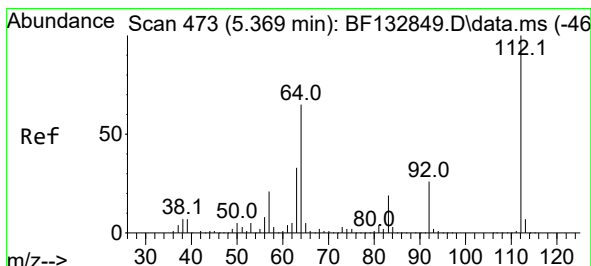
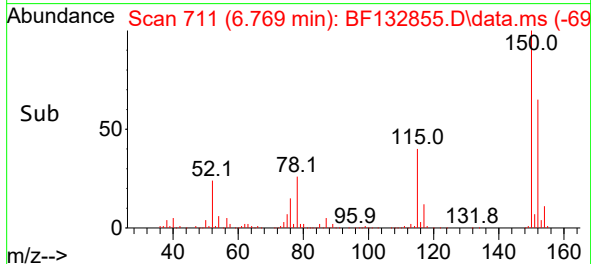
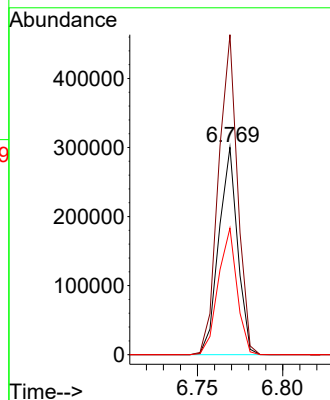
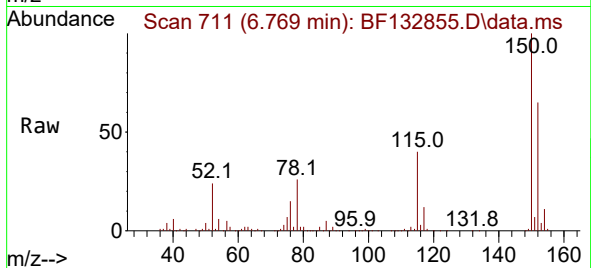




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

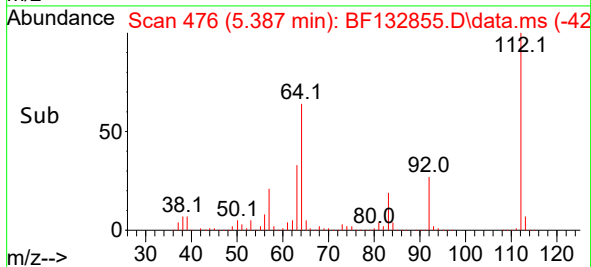
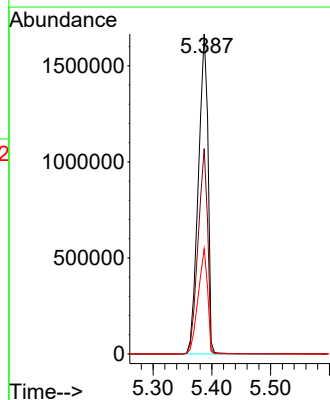
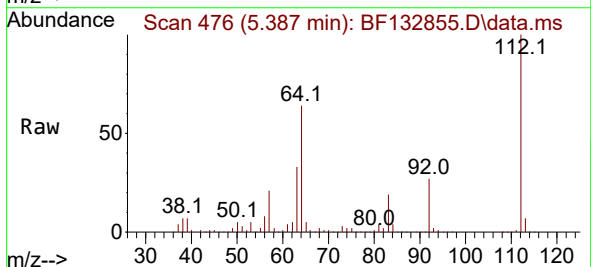
Instrument :
BNA_F
ClientSampleId :
PB151350BL

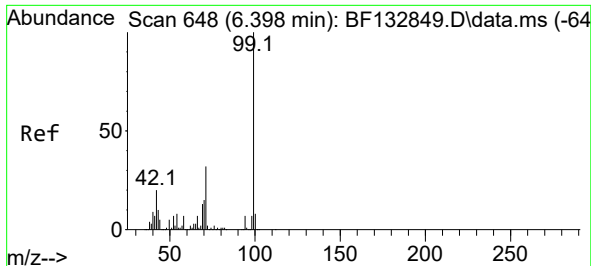
Tgt Ion:152 Resp: 229819
Ion Ratio Lower Upper
152 100
150 154.3 127.8 191.6
115 61.0 52.2 78.4



#5
2-Fluorophenol
Concen: 128.388 ng
RT: 5.387 min Scan# 476
Delta R.T. 0.018 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

Tgt Ion:112 Resp: 1899288
Ion Ratio Lower Upper
112 100
64 64.2 51.7 77.5
63 32.9 26.4 39.6

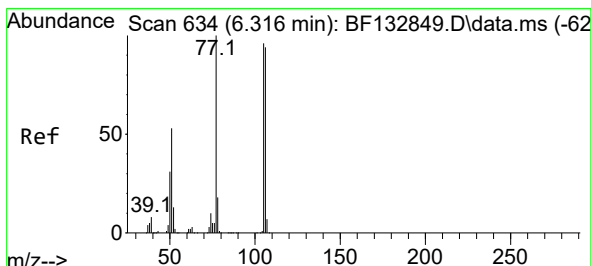
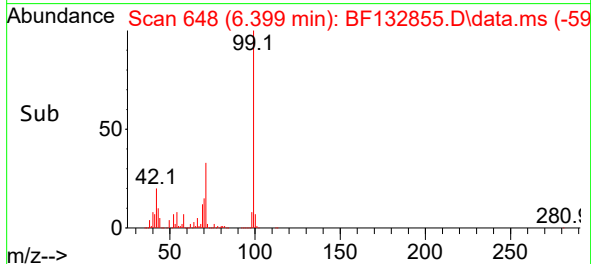
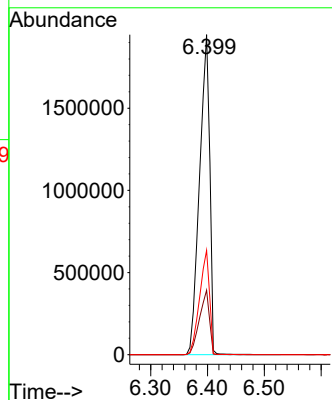
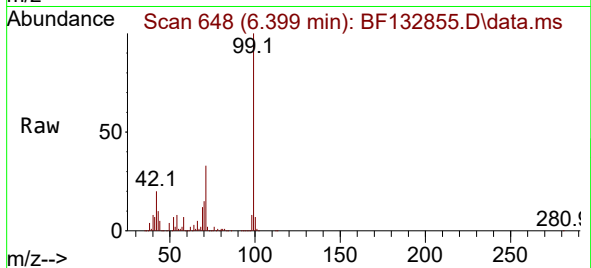




#7
Phenol-d6
Concen: 127.657 ng
RT: 6.399 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

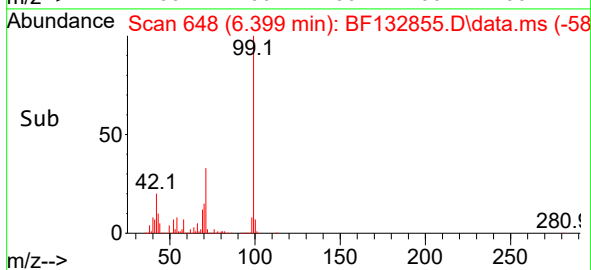
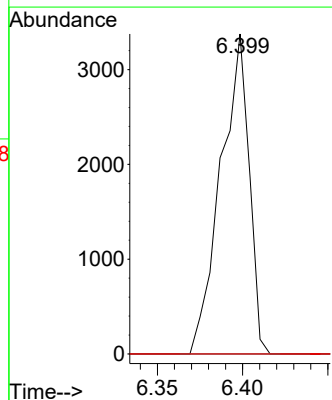
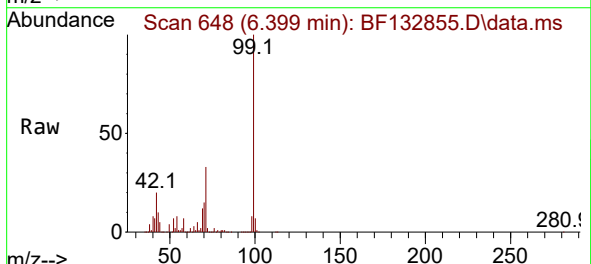
Instrument :
BNA_F
ClientSampleId :
PB151350BL

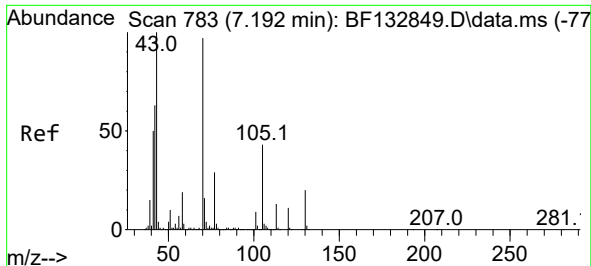
Tgt Ion: 99 Resp: 2435625
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 32.6 25.8 38.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.399 min Scan# 648
Delta R.T. 0.083 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

Tgt Ion: 77 Resp: 3904
Ion Ratio Lower Upper
77 100
105 0.0 76.4 116.4#
106 0.0 73.8 113.8#





#19

n-Nitroso-di-n-propylamine

Concen: 17.805 ng

RT: 7.334 min Scan# 807

Delta R.T. 0.141 min

Lab File: BF132855.D

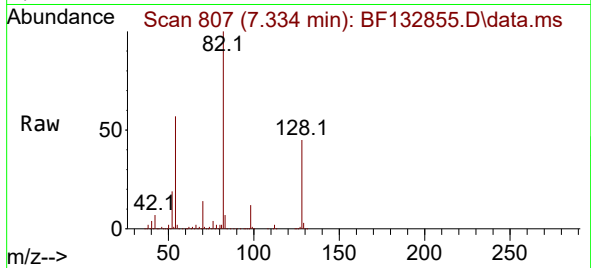
Acq: 11 Apr 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB151350BL



Tgt Ion: 70 Resp: 193411

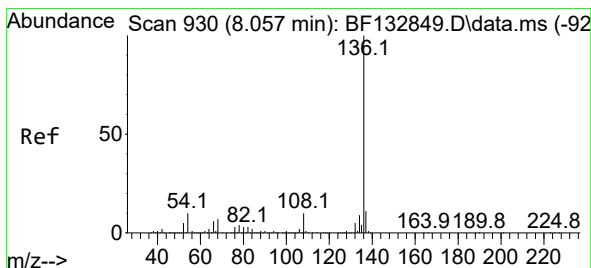
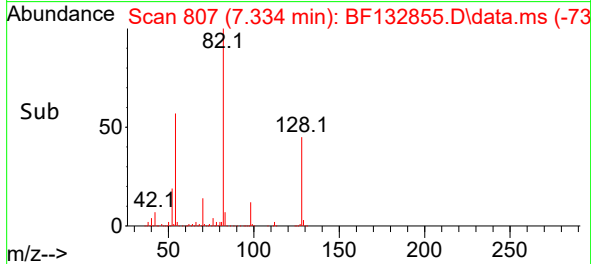
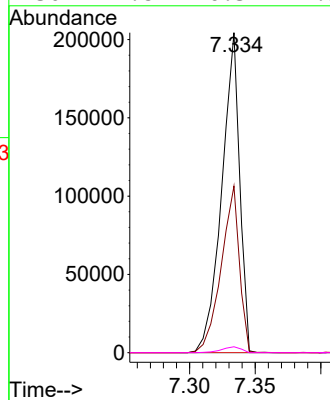
Ion Ratio Lower Upper

70 100

42 52.1 51.6 77.4

101 0.0 7.5 11.3#

130 1.8 16.3 24.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 929

Delta R.T. -0.006 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

Tgt Ion: 136 Resp: 908134

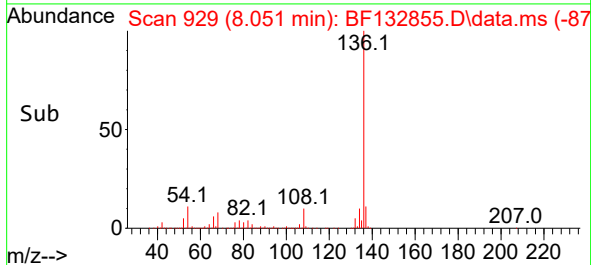
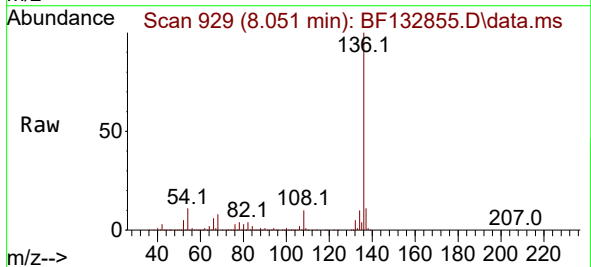
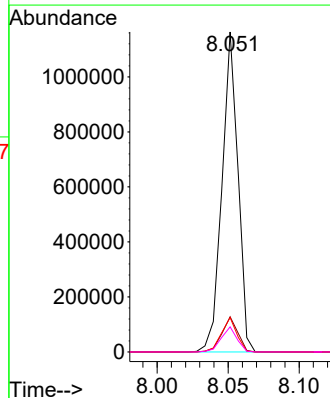
Ion Ratio Lower Upper

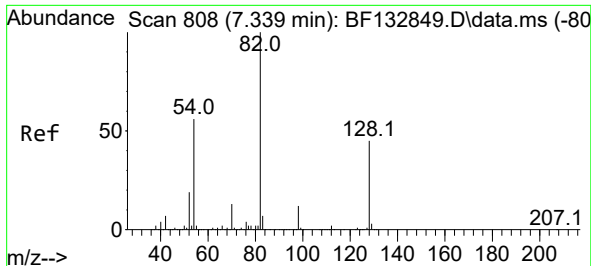
136 100

137 11.0 9.0 13.4

54 10.7 8.2 12.2

68 7.8 5.9 8.9





#23

Nitrobenzene-d5

Concen: 83.604 ng

RT: 7.334 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB151350BL

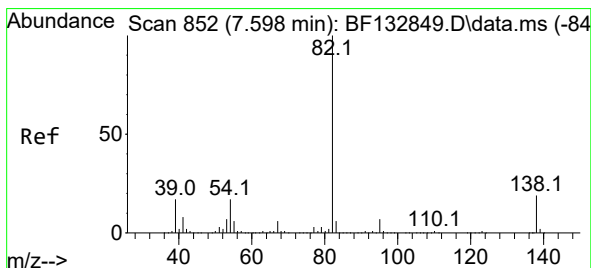
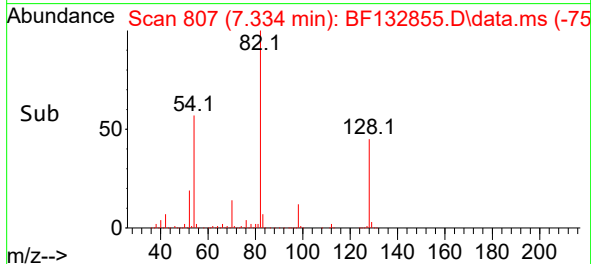
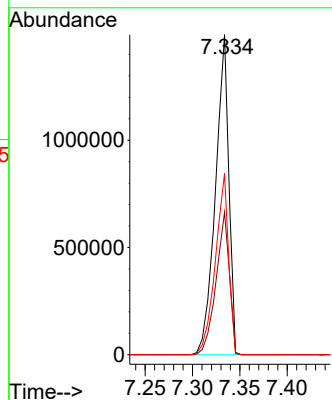
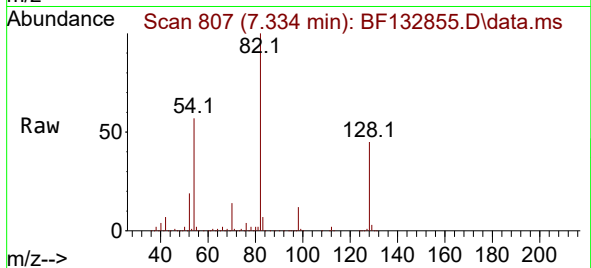
Tgt Ion: 82 Resp: 1467229

Ion Ratio Lower Upper

82 100

128 44.5 35.9 53.9

54 56.6 44.6 67.0



#25

Isophorone

Concen: 46.778 ng

RT: 7.334 min Scan# 807

Delta R.T. -0.264 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

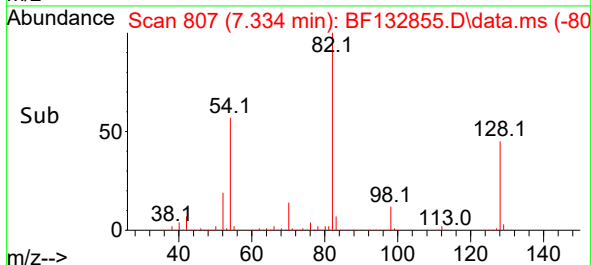
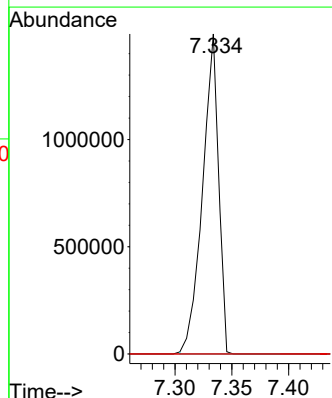
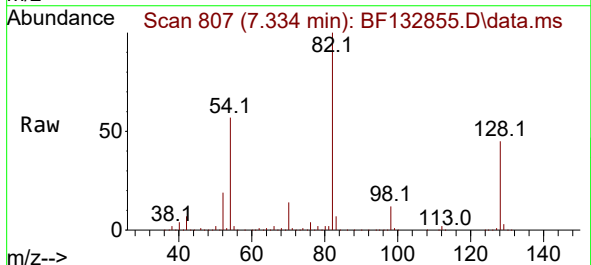
Tgt Ion: 82 Resp: 1463734

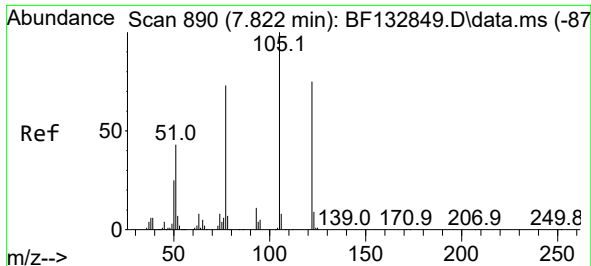
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 15.2 22.8#

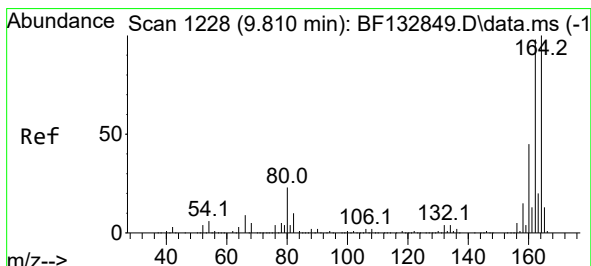
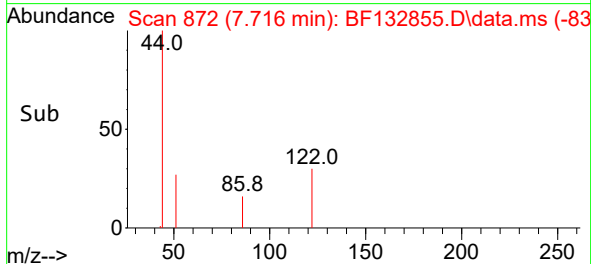
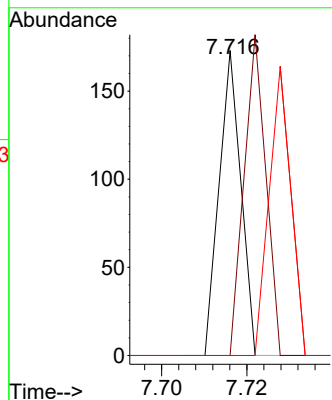
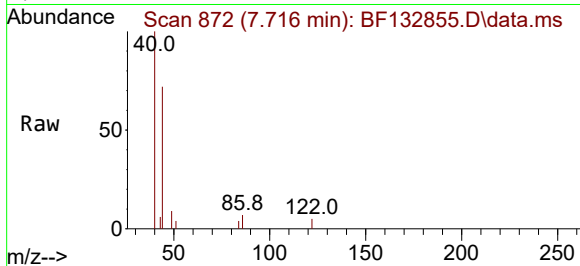




#32
Benzoic acid
Concen: 5.838 ng
RT: 7.716 min Scan# 81
Delta R.T. -0.106 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

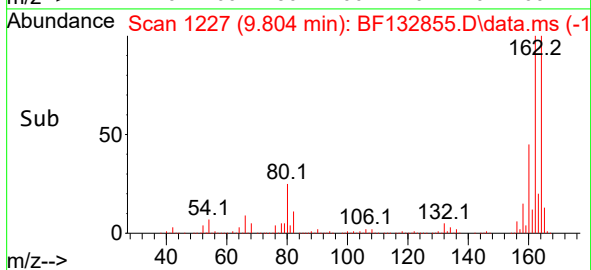
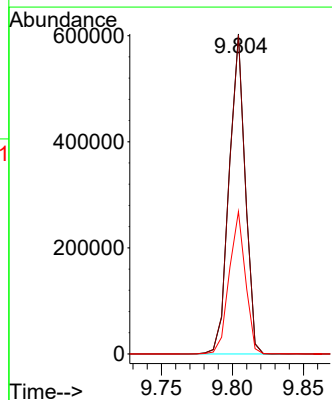
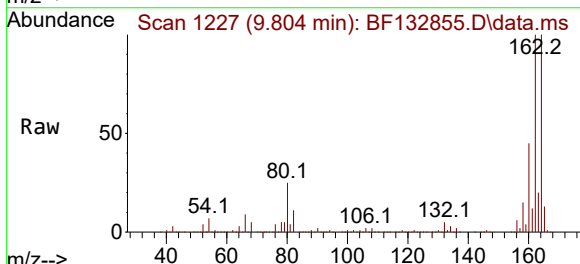
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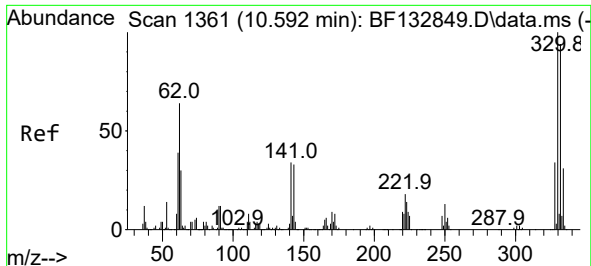
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 109.5 149.5#
77 0.0 74.9 114.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

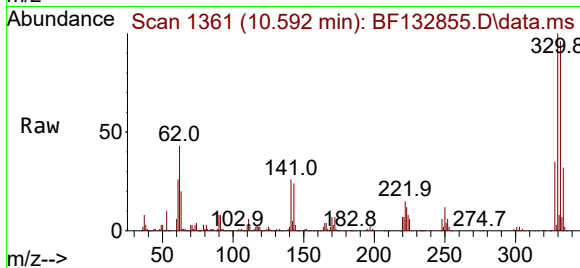
Tgt Ion:164 Resp: 471658
Ion Ratio Lower Upper
164 100
162 99.7 78.1 117.1
160 44.5 35.7 53.5



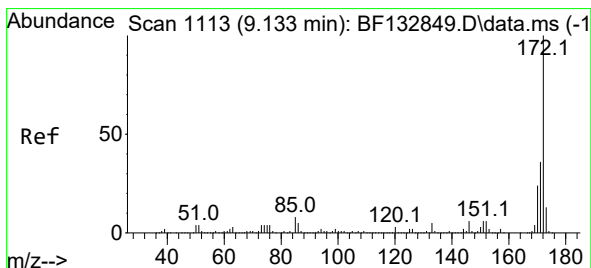
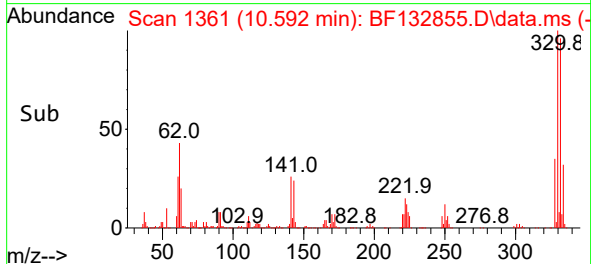
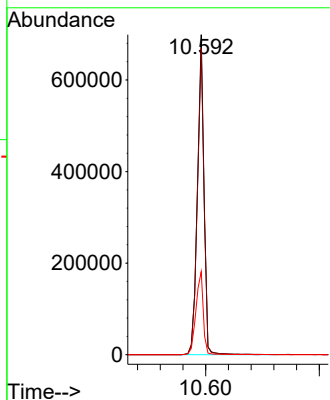


#42
2,4,6-Tribromophenol
Concen: 135.788 ng
RT: 10.592 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

Instrument :
BNA_F
ClientSampleId :
PB151350BL

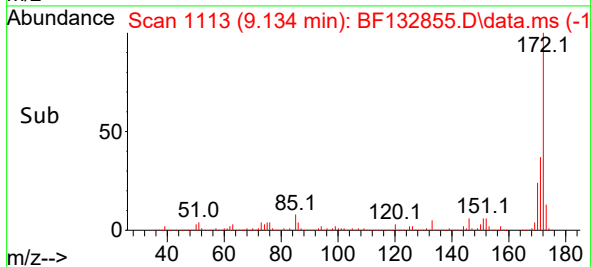
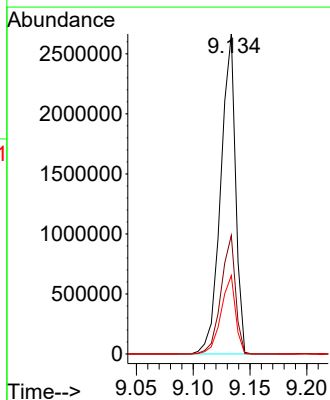
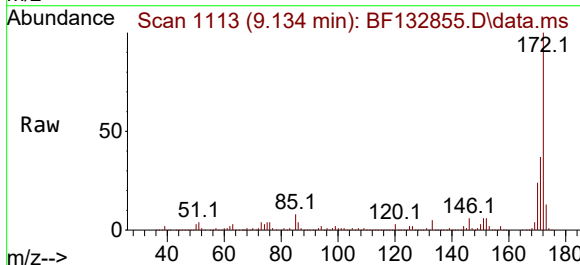


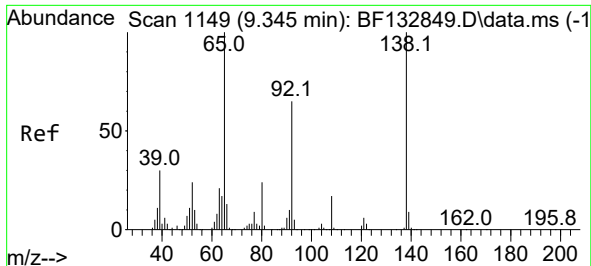
Tgt Ion:330 Resp: 569190
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 28.7 25.9 38.9



#45
2-Fluorobiphenyl
Concen: 81.424 ng
RT: 9.134 min Scan# 1113
Delta R.T. 0.001 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

Tgt Ion:172 Resp: 2427658
Ion Ratio Lower Upper
172 100
171 37.0 28.6 42.8
170 24.5 19.3 28.9

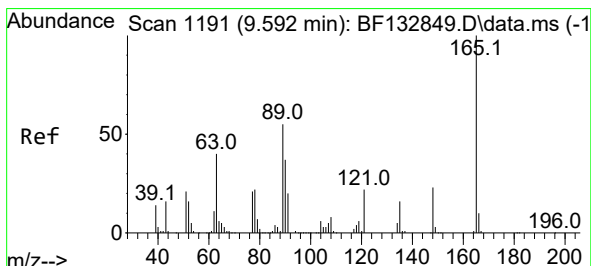
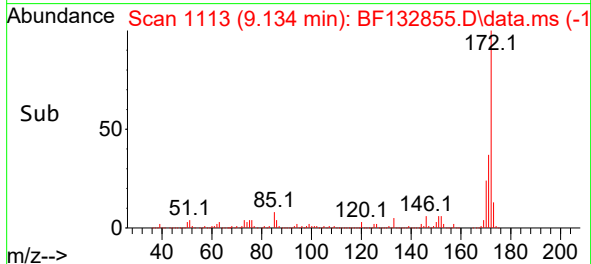
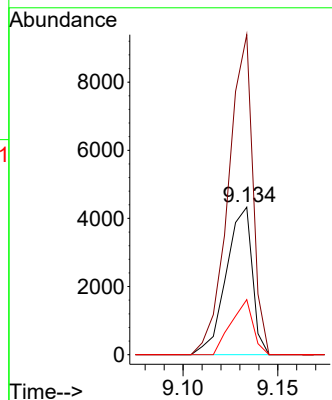
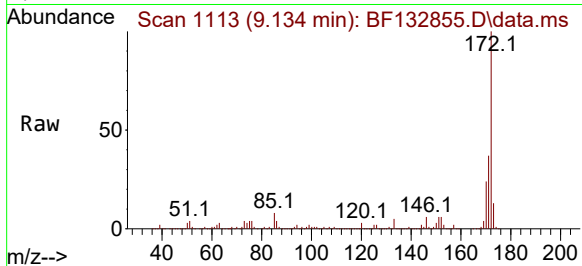




#48
2-Nitroaniline
Concen: 3.025 ng
RT: 9.134 min Scan# 1149
Delta R.T. -0.211 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

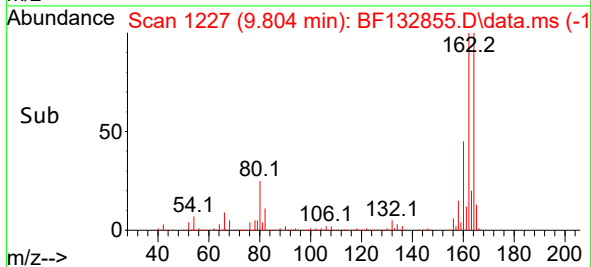
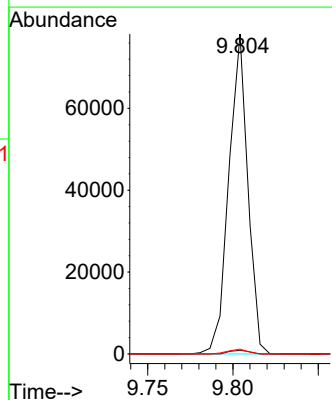
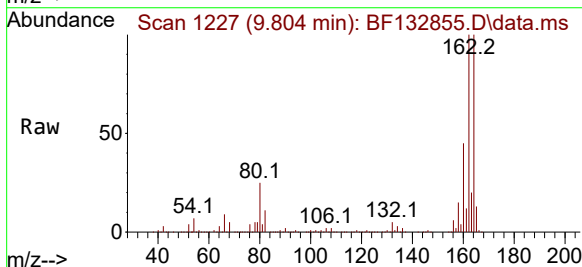
Instrument :
BNA_F
ClientSampleId :
PB151350BL

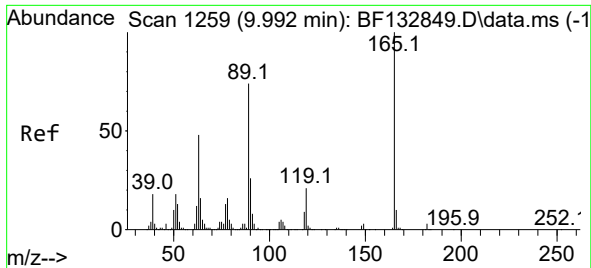
Tgt Ion: 65 Resp: 4143
Ion Ratio Lower Upper
65 100
92 217.0 52.2 78.2#
138 37.4 80.3 120.5#



#51
2,6-Dinitrotoluene
Concen: 8.707 ng
RT: 9.804 min Scan# 1227
Delta R.T. 0.212 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

Tgt Ion: 165 Resp: 60496
Ion Ratio Lower Upper
165 100
63 1.2 46.7 70.1#
89 1.5 44.1 66.1#

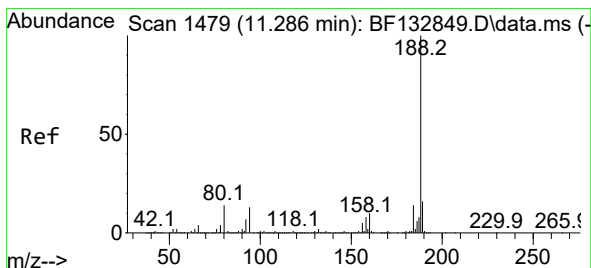
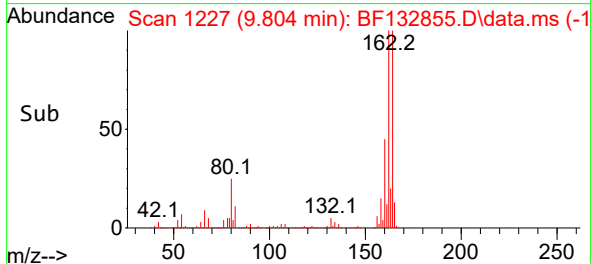
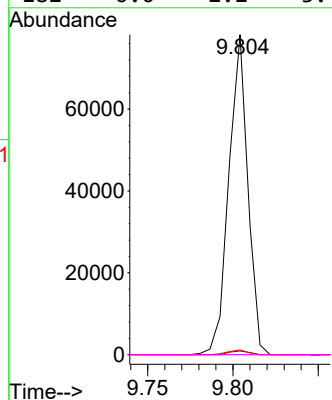
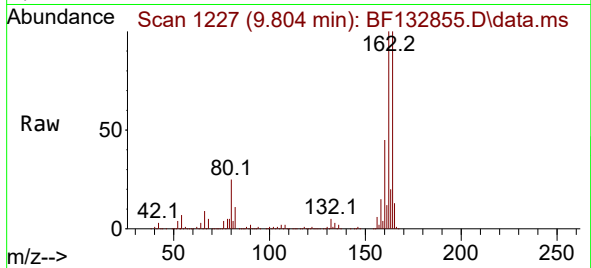




#57
2,4-Dinitrotoluene
Concen: 7.008 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

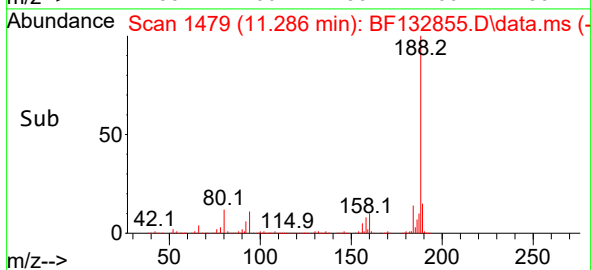
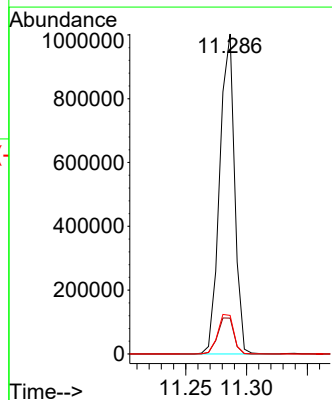
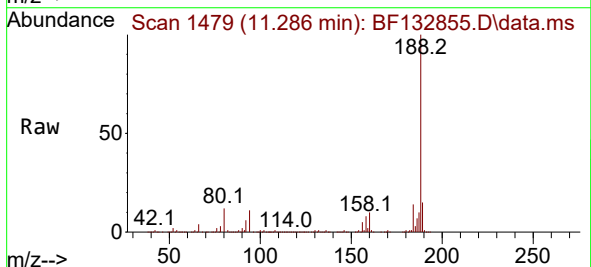
Instrument :
BNA_F
ClientSampleId :
PB151350BL

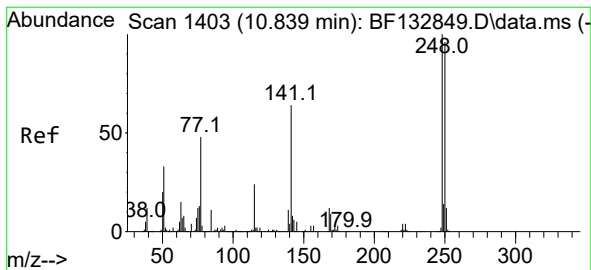
Tgt Ion:165 Resp: 60496
Ion Ratio Lower Upper
165 100
63 1.2 38.1 57.1#
89 1.5 59.2 88.8#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

Tgt Ion:188 Resp: 854278
Ion Ratio Lower Upper
188 100
94 11.2 10.8 16.2
80 12.1 10.9 16.3

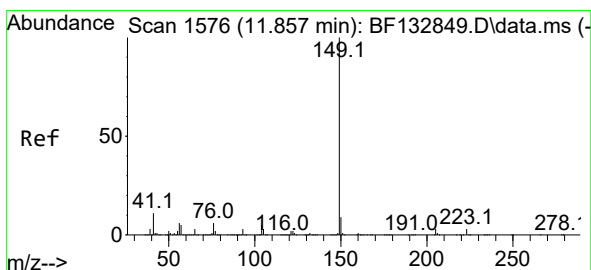
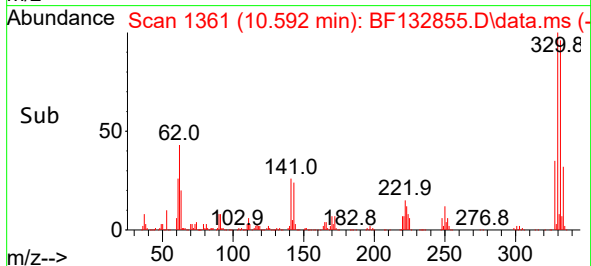
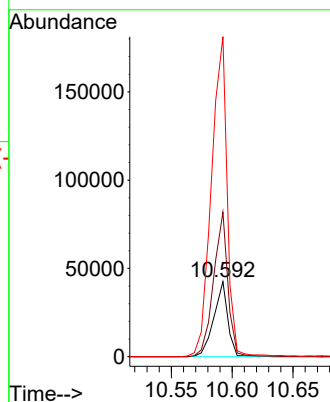
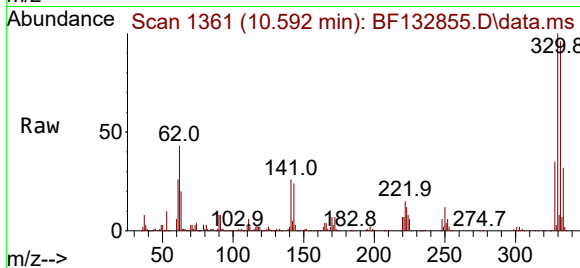




#67
4-Bromophenyl-phenylether
Concen: 3.748 ng
RT: 10.592 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

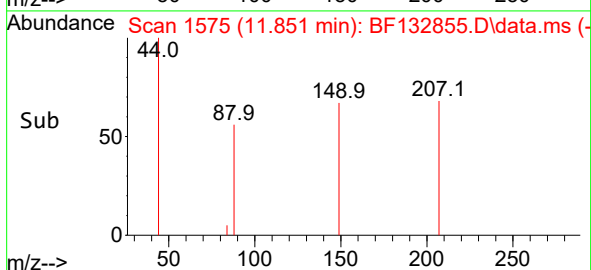
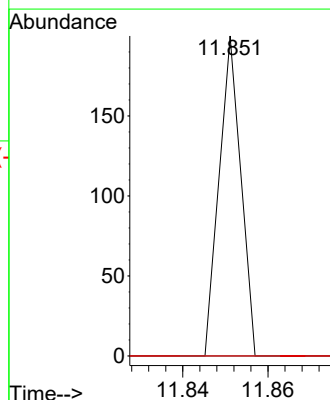
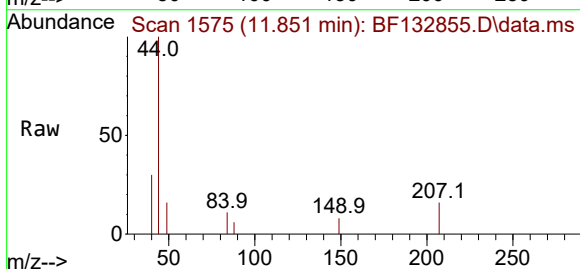
Instrument :
BNA_F
ClientSampleId :
PB151350BL

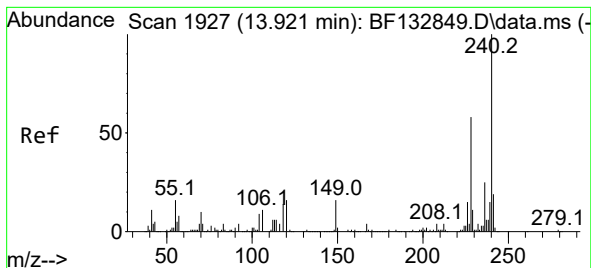
Tgt Ion:248 Resp: 33986
Ion Ratio Lower Upper
248 100
250 192.6 76.9 115.3#
141 426.7 50.9 76.3#



#74
Di-n-butylphthalate
Concen: 5.734 ng
RT: 11.851 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF132855.D
Acq: 11 Apr 2023 18:03

Tgt Ion:149 Resp: 71
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.2#
104 0.0 4.3 6.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 1926

Delta R.T. -0.005 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB151350BL

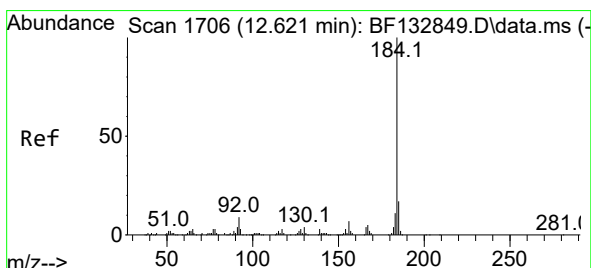
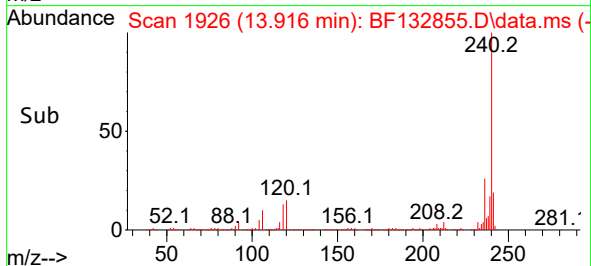
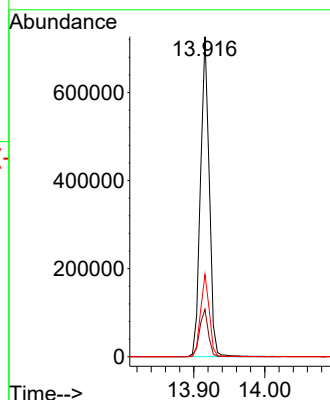
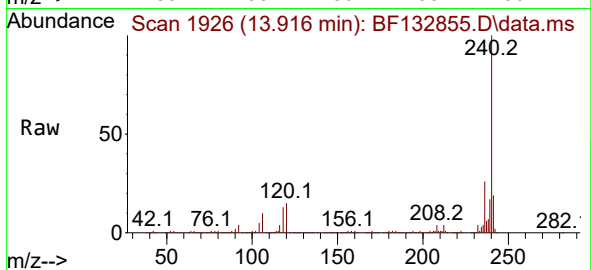
Tgt Ion:240 Resp: 625136

Ion Ratio Lower Upper

240 100

120 14.8 12.6 18.8

236 25.7 20.3 30.5



#77

Benzidine

Concen: 14.065 ng

RT: 12.875 min Scan# 1749

Delta R.T. 0.254 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

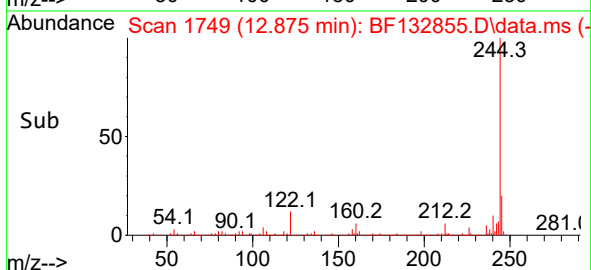
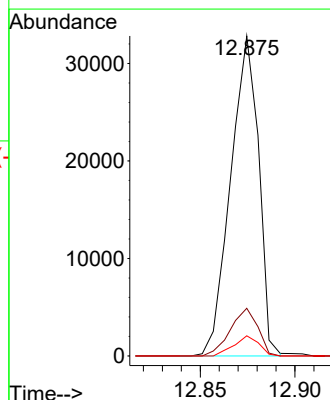
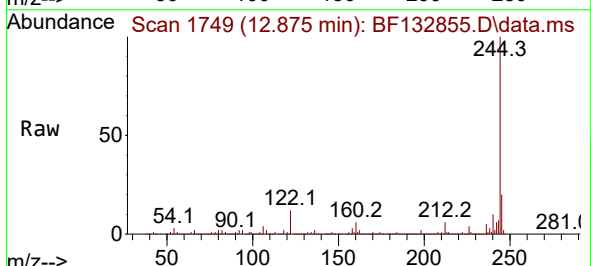
Tgt Ion:184 Resp: 33732

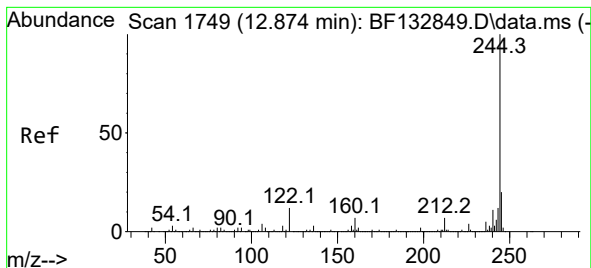
Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

183 6.3 8.9 13.3#





#79

Terphenyl-d14

Concen: 81.414 ng

RT: 12.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB151350BL

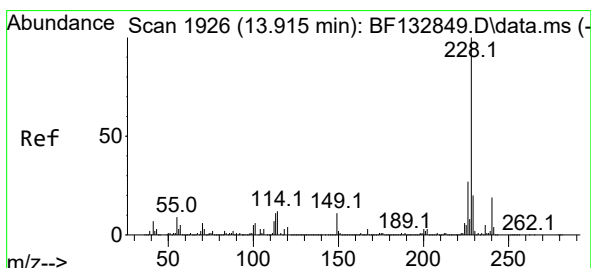
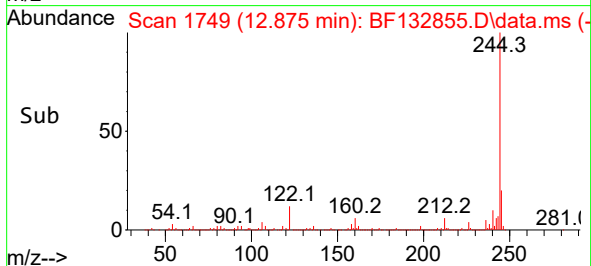
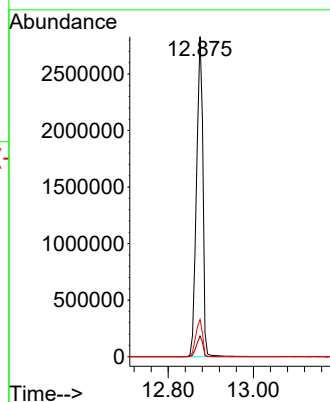
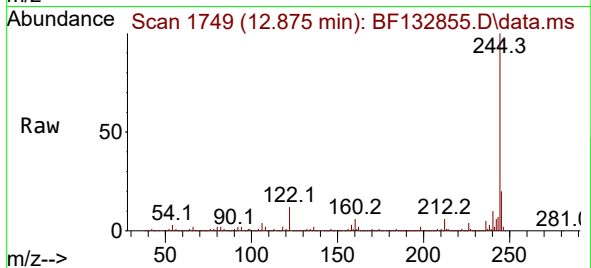
Tgt Ion:244 Resp: 2937386

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 11.6 9.8 14.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.297 ng

RT: 13.916 min Scan# 1926

Delta R.T. 0.001 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

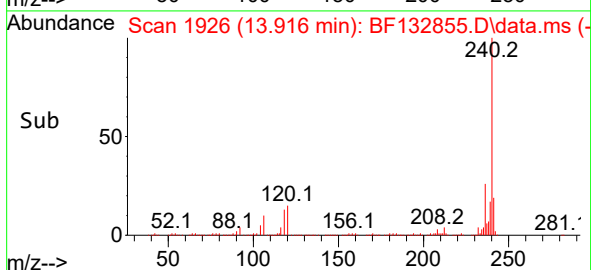
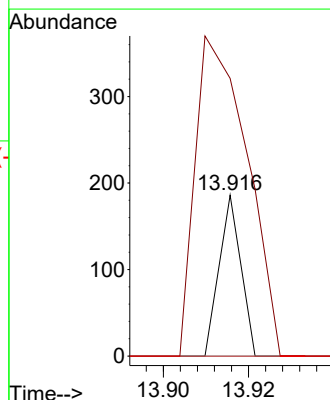
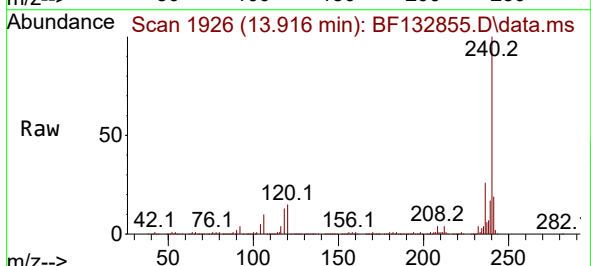
Tgt Ion:149 Resp: 66

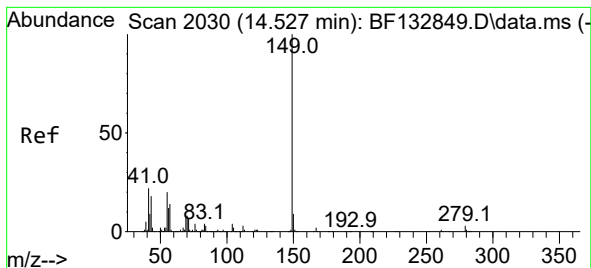
Ion Ratio Lower Upper

149 100

167 172.6 20.4 30.6#

279 0.0 2.3 3.5#





#85

Di-n-octyl phthalate

Concen: 3.838 ng

RT: 14.739 min Scan# 2030

Delta R.T. 0.212 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB151350BL

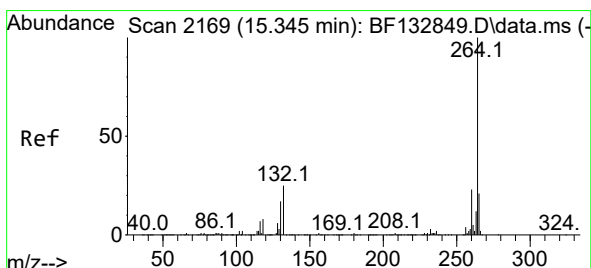
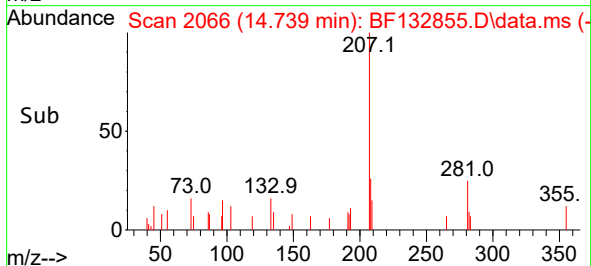
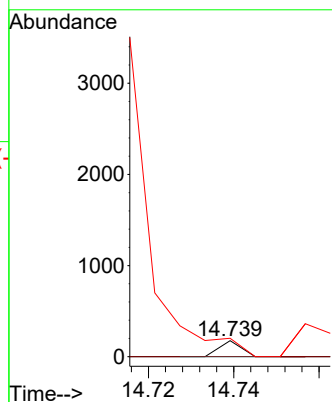
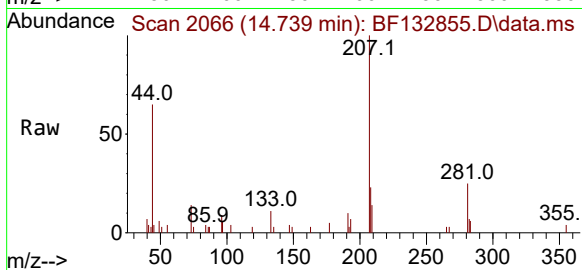
Tgt Ion:149 Resp: 62

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 353.2 21.4 32.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BF132855.D

Acq: 11 Apr 2023 18:03

Tgt Ion:264 Resp: 533423

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.0 17.2 25.8

