

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
 Data File : BF132854.D
 Acq On : 11 Apr 2023 17:28
 Operator : CG\JU
 Sample : PB151349BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151349BL

Quant Time: Apr 12 04:05:30 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)

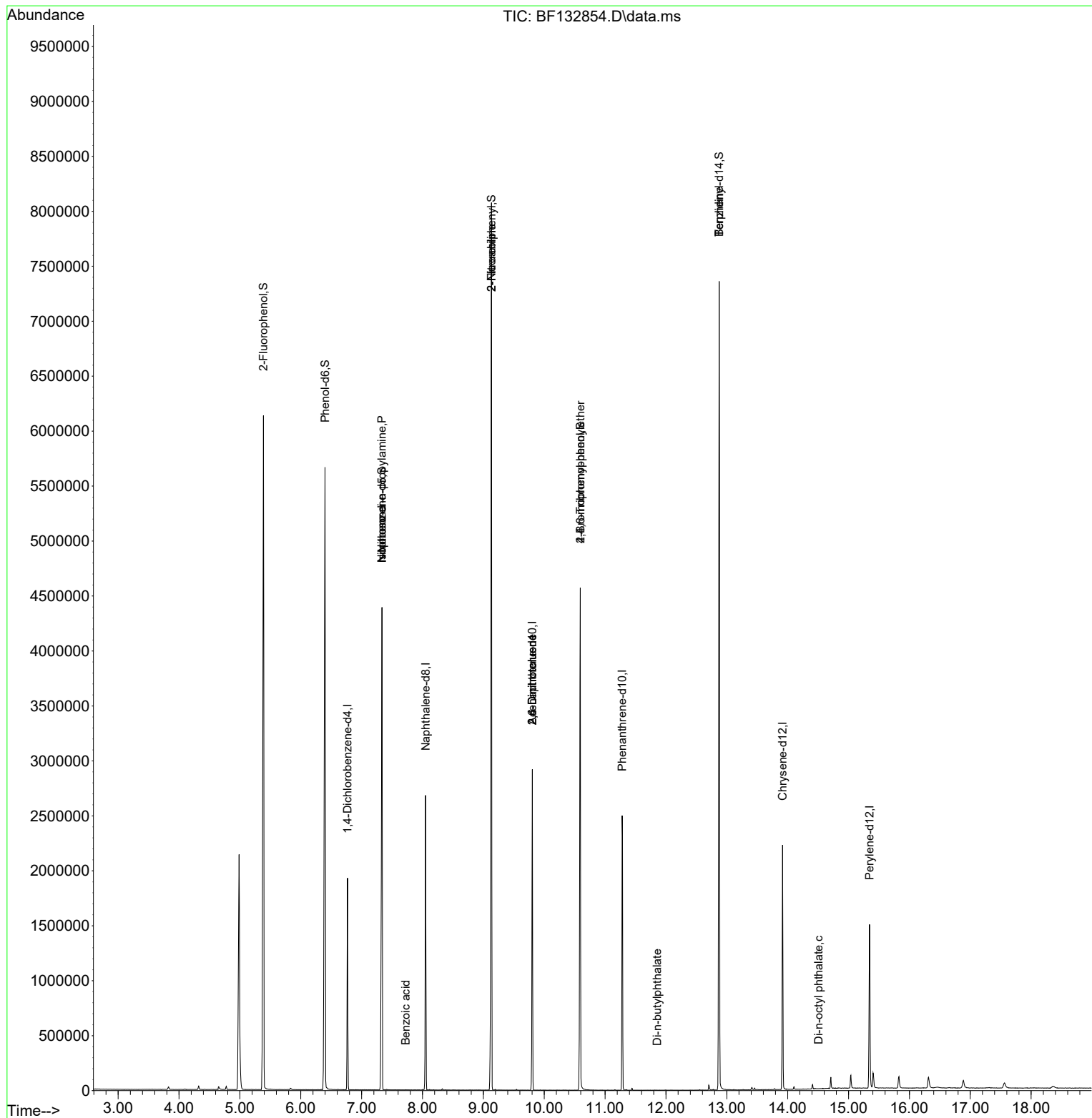
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	248529	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	984664	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	498007	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	902948	20.000	ng	0.00
76) Chrysene-d12	13.916	240	661241	20.000	ng	0.00
86) Perylene-d12	15.345	264	599357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1968422	123.044	ng	0.02
7) Phenol-d6	6.398	99	2484779	120.429	ng	0.00
23) Nitrobenzene-d5	7.334	82	1530120	80.411	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	583722	131.887	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2491095	79.131	ng	0.00
79) Terphenyl-d14	12.874	244	2945455	77.180	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.304	77	275	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.334	70	198743	16.919	ng	# 78
25) Isophorone	7.334	82	1525933	44.975	ng	# 64
32) Benzoic acid	7.722	122	140	5.849	ng	# 71
48) 2-Nitroaniline	9.133	65	4853	3.077	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	63441	8.647	ng	# 25
57) 2,4-Dinitrotoluene	9.804	165	63441	6.960	ng	# 22
67) 4-Bromophenyl-phenylether	10.592	248	35177	3.670	ng	# 1
74) Di-n-butylphthalate	11.857	149	234	5.738	ng	# 78
77) Benzidine	12.874	184	34770	13.868	ng	# 95
85) Di-n-octyl phthalate	14.510	149	62	3.836	ng	# 51

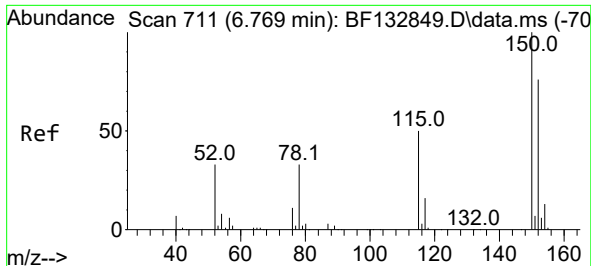
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
Data File : BF132854.D
Acq On : 11 Apr 2023 17:28
Operator : CG\JU
Sample : PB151349BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB151349BL

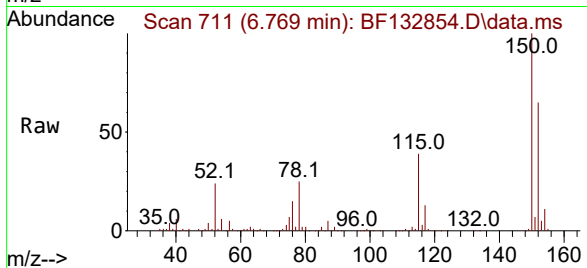
Quant Time: Apr 12 04:05:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 12 03:34:19 2023
Response via : Initial Calibration



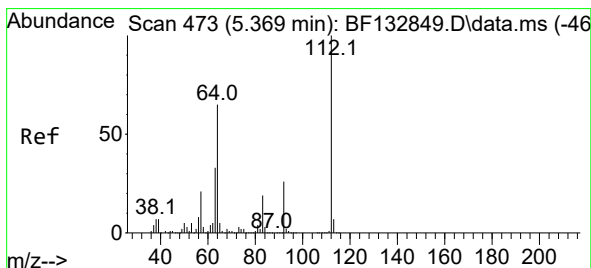
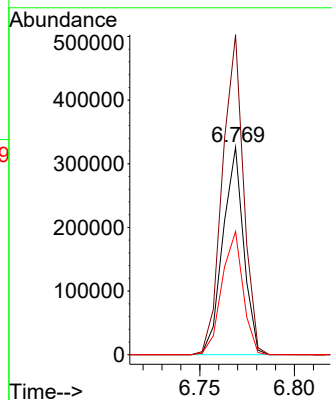
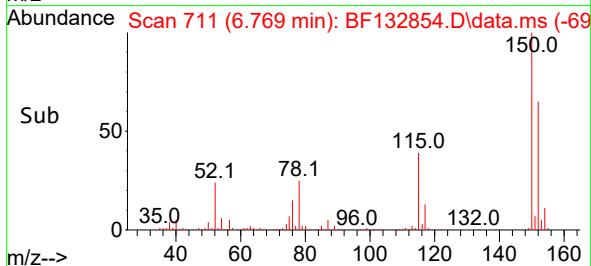


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

Instrument :
BNA_F
ClientSampleId :
PB151349BL

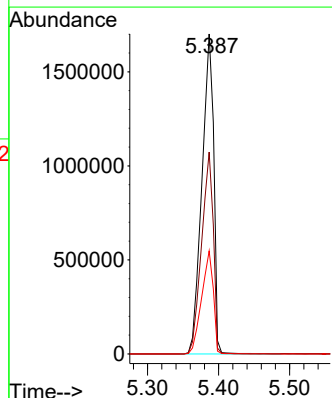
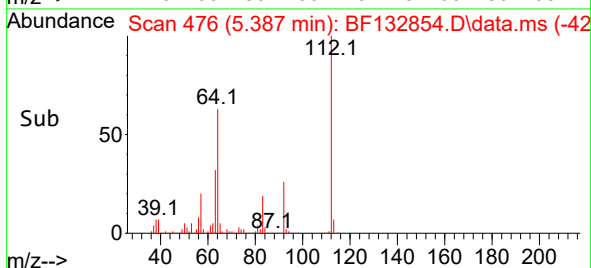
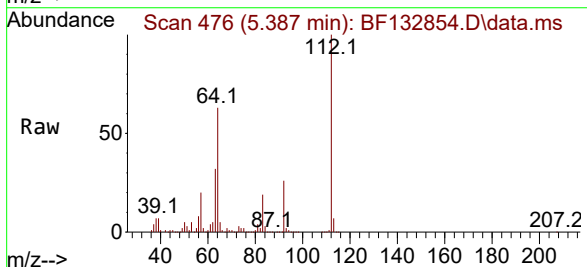


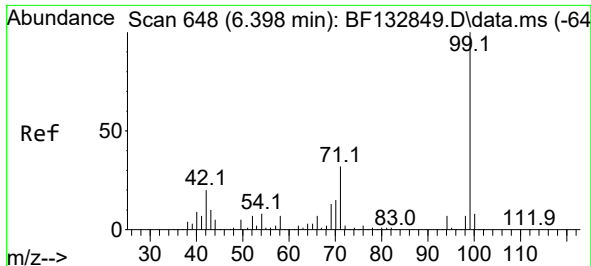
Tgt Ion:152 Resp: 248529
Ion Ratio Lower Upper
152 100
150 154.1 127.8 191.6
115 59.4 52.2 78.4



#5
2-Fluorophenol
Concen: 123.044 ng
RT: 5.387 min Scan# 476
Delta R.T. 0.018 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

Tgt Ion:112 Resp: 1968422
Ion Ratio Lower Upper
112 100
64 63.1 51.7 77.5
63 32.2 26.4 39.6

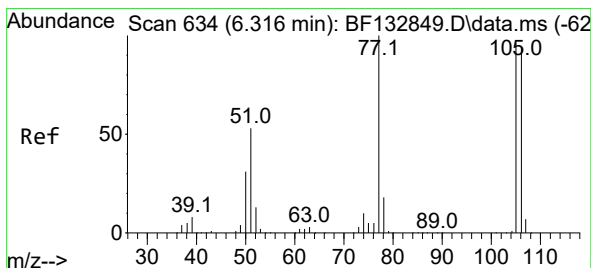
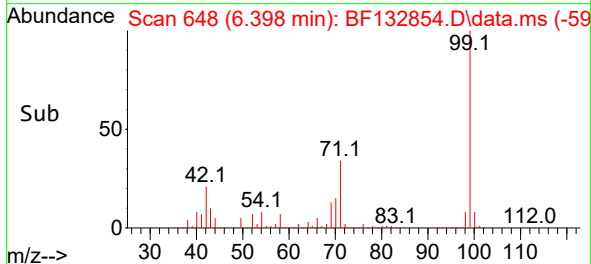
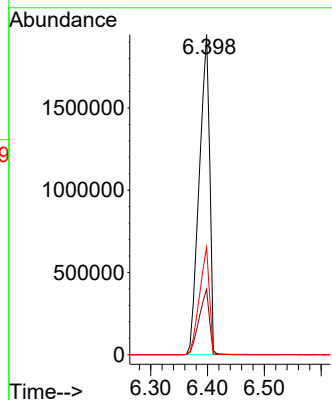
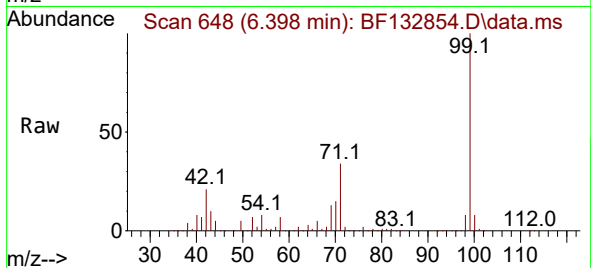




#7
Phenol-d6
Concen: 120.429 ng
RT: 6.398 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

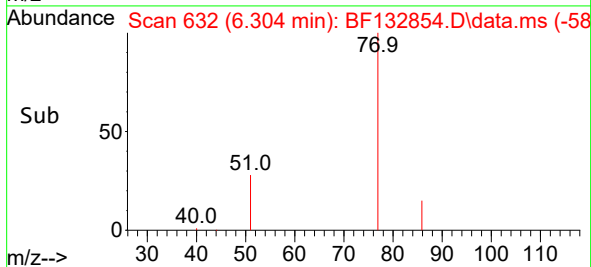
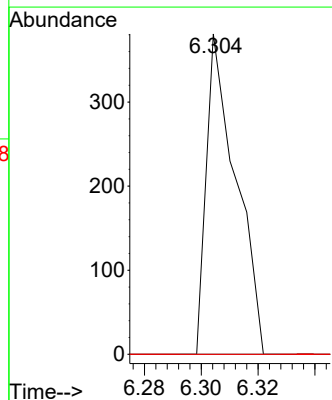
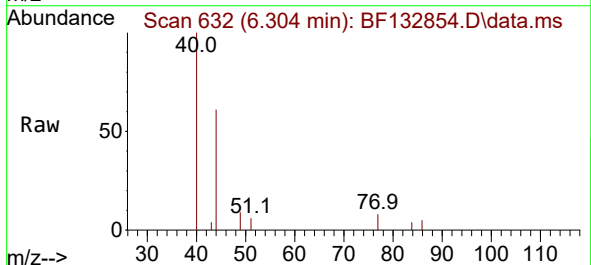
Instrument :
BNA_F
ClientSampleId :
PB151349BL

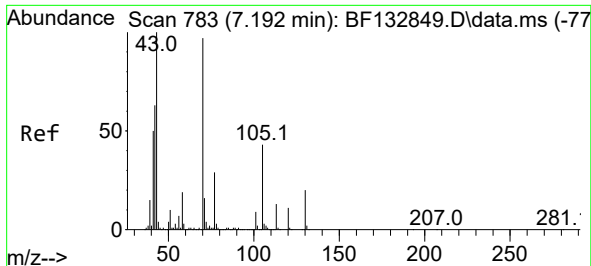
Tgt Ion: 99 Resp: 2484779
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 33.5 25.8 38.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.304 min Scan# 632
Delta R.T. -0.012 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

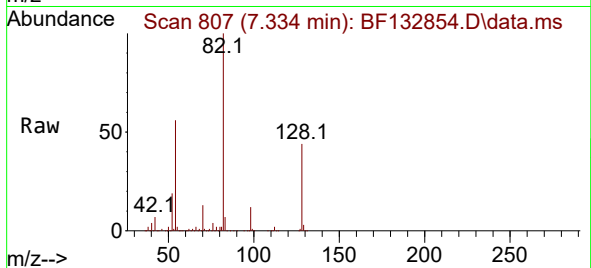
Tgt Ion: 77 Resp: 275
Ion Ratio Lower Upper
77 100
105 0.0 76.4 116.4#
106 0.0 73.8 113.8#



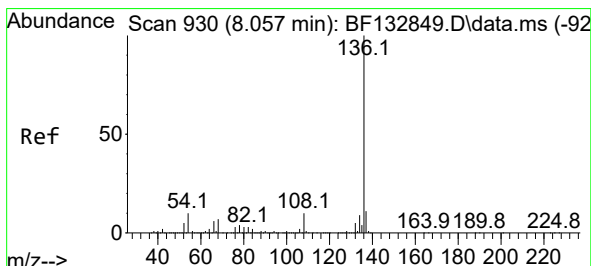
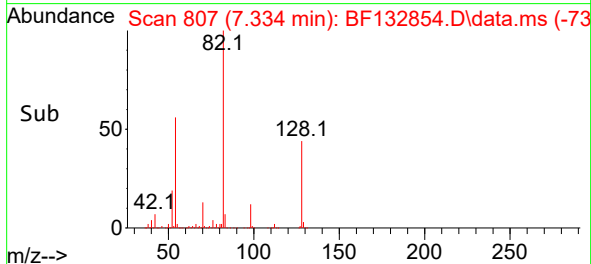
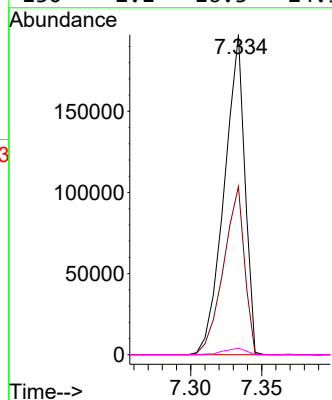


#19
n-Nitroso-di-n-propylamine
Concen: 16.919 ng
RT: 7.334 min Scan# 807
Delta R.T. 0.141 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

Instrument :
BNA_F
ClientSampleId :
PB151349BL

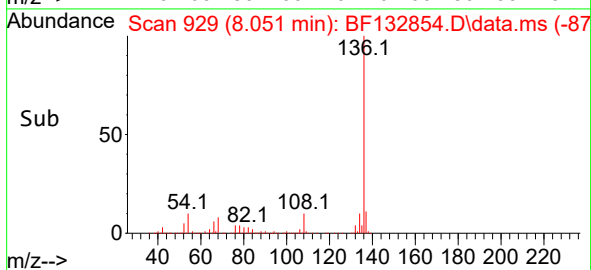
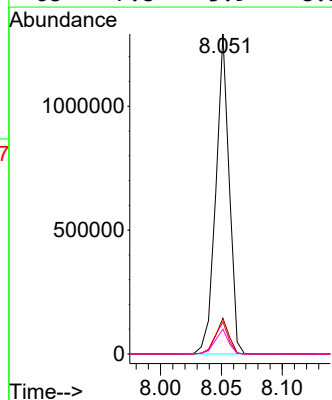
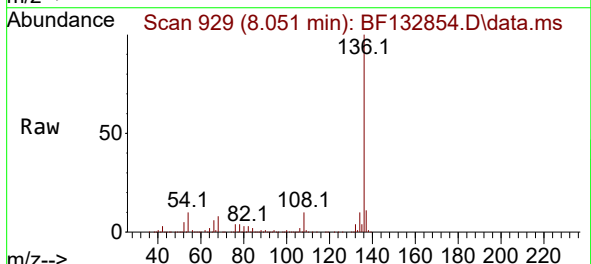


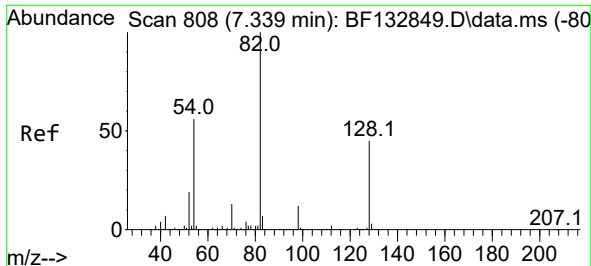
Tgt Ion: 70 Resp: 198743
Ion Ratio Lower Upper
70 100
42 52.6 51.6 77.4
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

Tgt Ion: 136 Resp: 984664
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.0 8.2 12.2
68 7.8 5.9 8.9





#23

Nitrobenzene-d5

Concen: 80.411 ng

RT: 7.334 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF132854.D

Acq: 11 Apr 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB151349BL

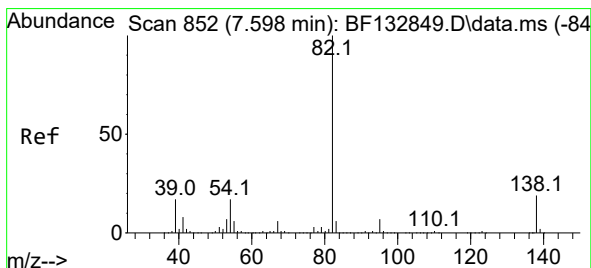
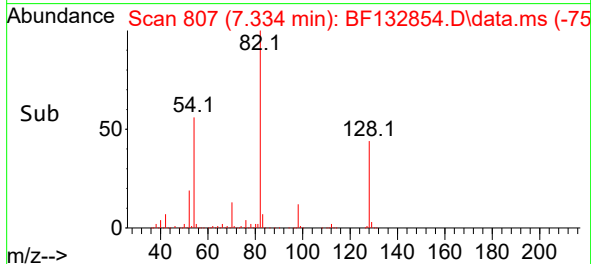
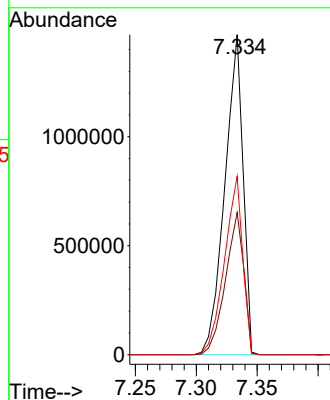
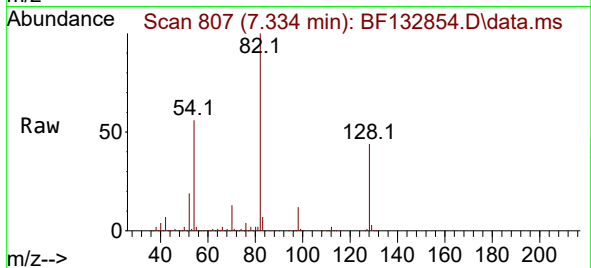
Tgt Ion: 82 Resp: 1530120

Ion Ratio Lower Upper

82 100

128 44.5 35.9 53.9

54 55.8 44.6 67.0



#25

Isophorone

Concen: 44.975 ng

RT: 7.334 min Scan# 807

Delta R.T. -0.265 min

Lab File: BF132854.D

Acq: 11 Apr 2023 17:28

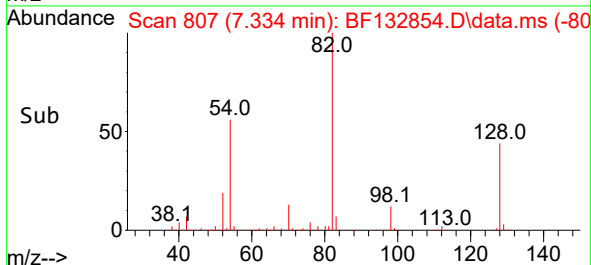
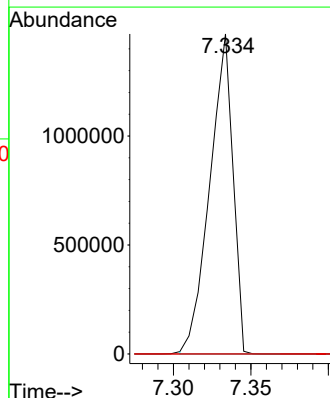
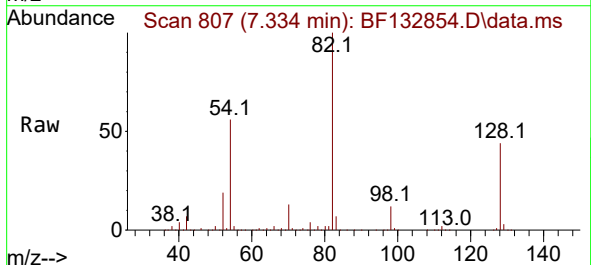
Tgt Ion: 82 Resp: 1525933

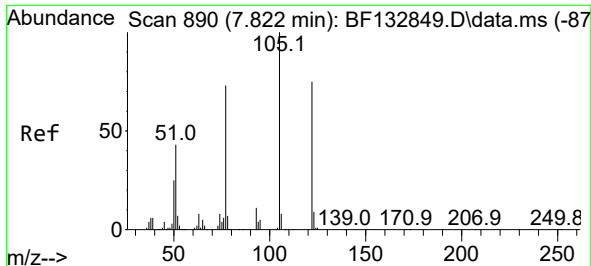
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 15.2 22.8#

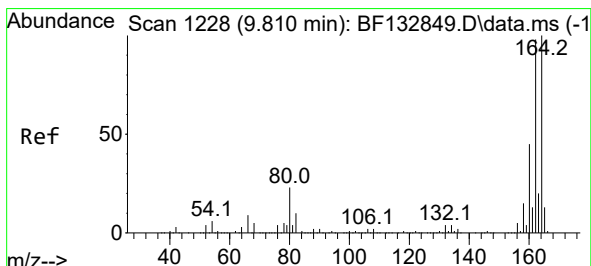
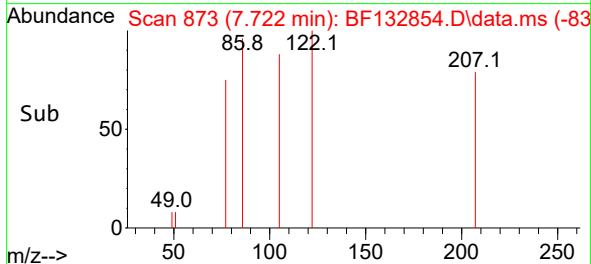
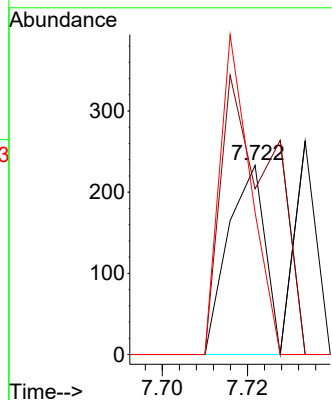
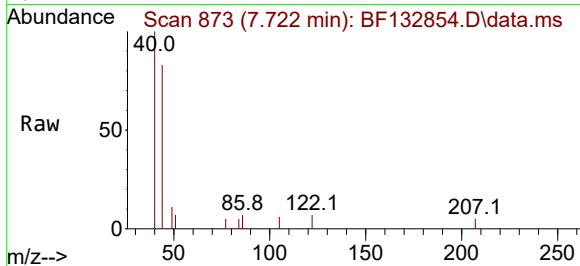




#32
Benzoic acid
Concen: 5.849 ng
RT: 7.722 min Scan# 81
Delta R.T. -0.100 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

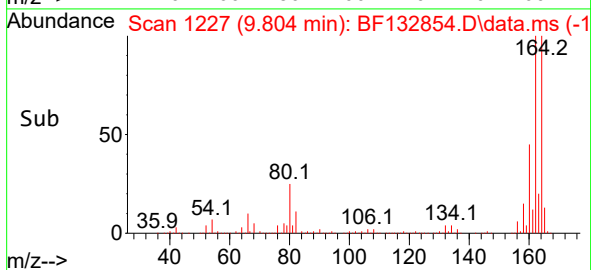
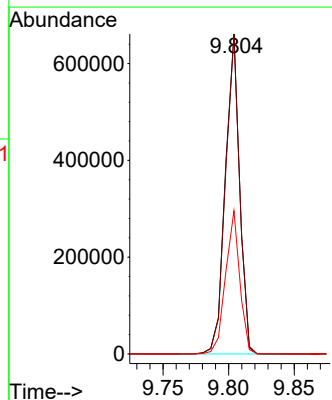
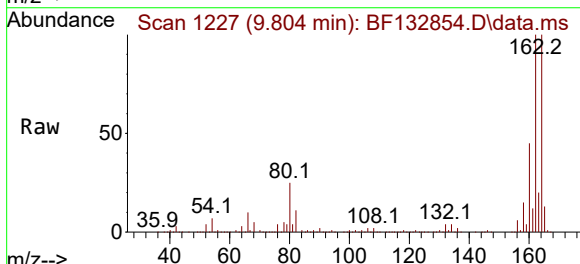
Instrument :
BNA_F
ClientSampleId :
PB151349BL

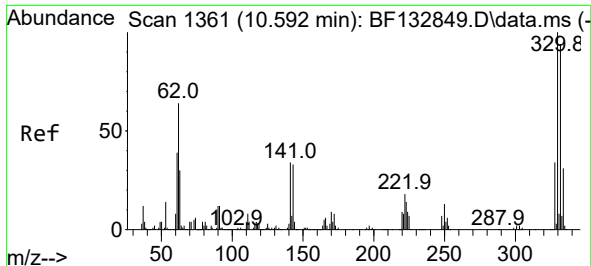
Tgt Ion:122 Resp: 140
Ion Ratio Lower Upper
122 100
105 87.6 109.5 149.5#
77 75.1 74.9 114.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

Tgt Ion:164 Resp: 498007
Ion Ratio Lower Upper
164 100
162 99.7 78.1 117.1
160 44.8 35.7 53.5

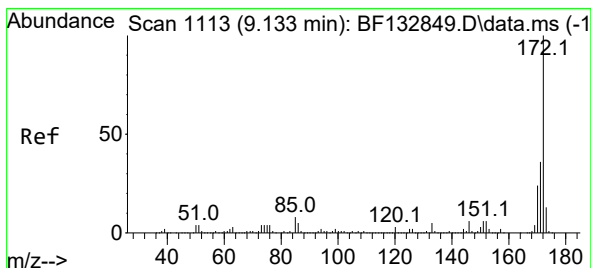
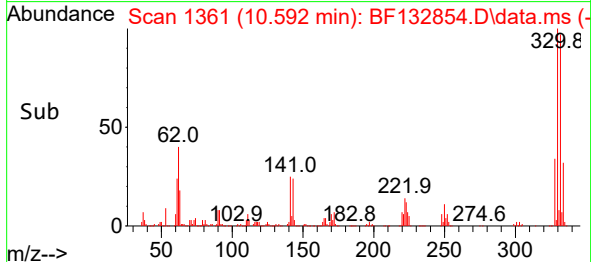
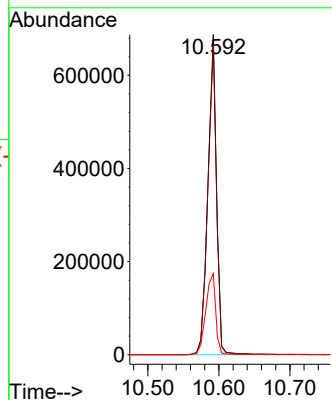
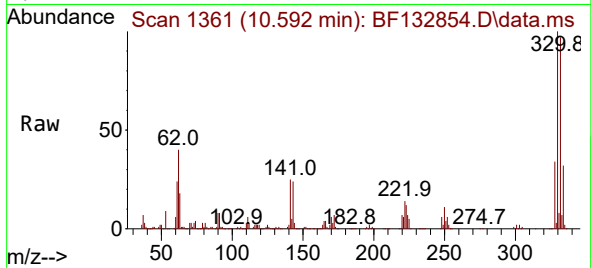




#42
2,4,6-Tribromophenol
Concen: 131.887 ng
RT: 10.592 min Scan# 11361
Delta R.T. 0.000 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

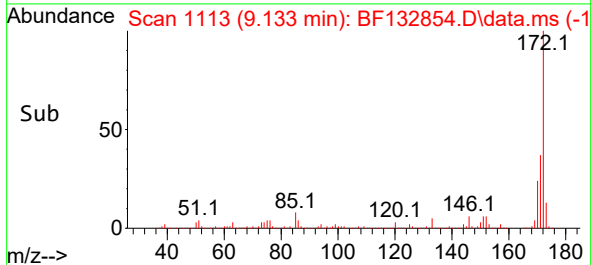
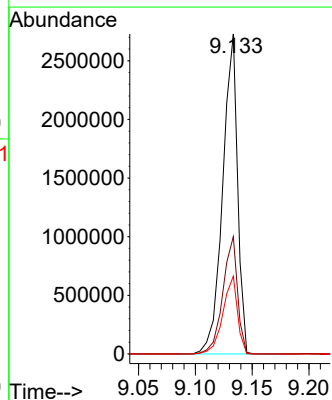
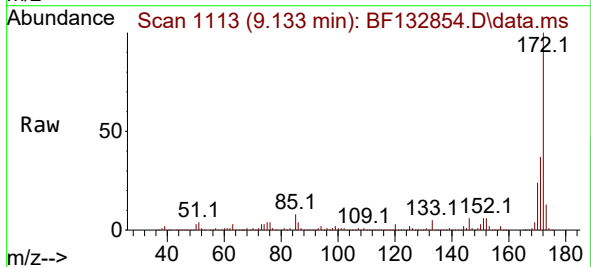
Instrument :
BNA_F
ClientSampleId :
PB151349BL

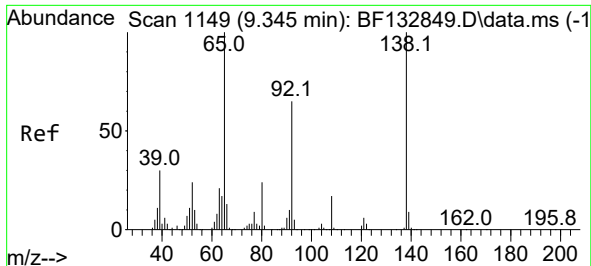
Tgt Ion:330 Resp: 583722
Ion Ratio Lower Upper
330 100
332 97.9 76.1 114.1
141 29.2 25.9 38.9



#45
2-Fluorobiphenyl
Concen: 79.131 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

Tgt Ion:172 Resp: 2491095
Ion Ratio Lower Upper
172 100
171 36.6 28.6 42.8
170 24.3 19.3 28.9





#48

2-Nitroaniline

Concen: 3.077 ng

RT: 9.133 min Scan# 1149

Delta R.T. -0.212 min

Lab File: BF132854.D

Acq: 11 Apr 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB151349BL

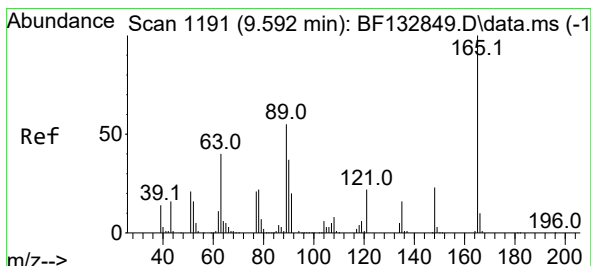
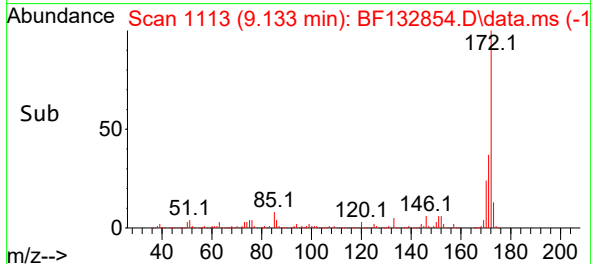
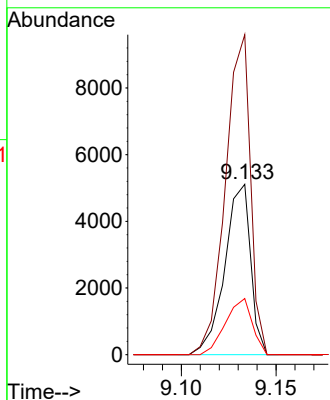
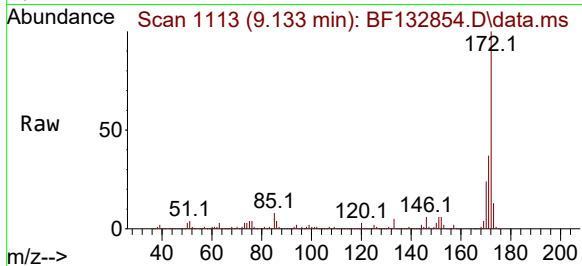
Tgt Ion: 65 Resp: 4853

Ion Ratio Lower Upper

65 100

92 187.8 52.2 78.2#

138 33.0 80.3 120.5#



#51

2,6-Dinitrotoluene

Concen: 8.647 ng

RT: 9.804 min Scan# 1227

Delta R.T. 0.212 min

Lab File: BF132854.D

Acq: 11 Apr 2023 17:28

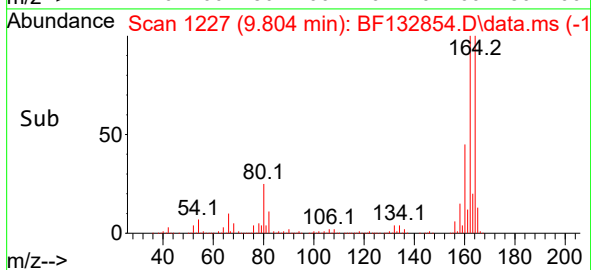
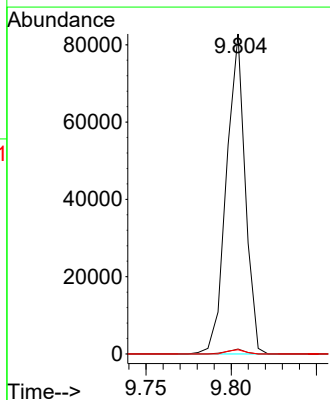
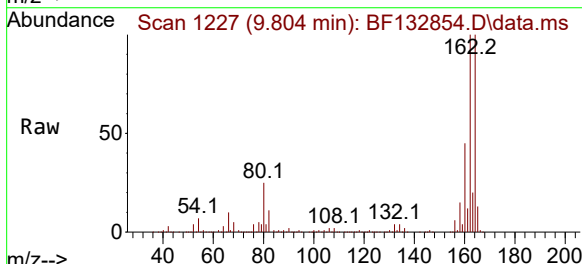
Tgt Ion: 165 Resp: 63441

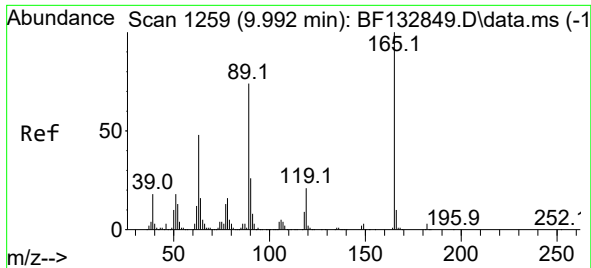
Ion Ratio Lower Upper

165 100

63 1.5 46.7 70.1#

89 1.3 44.1 66.1#

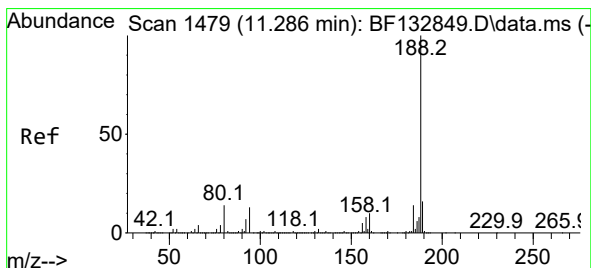
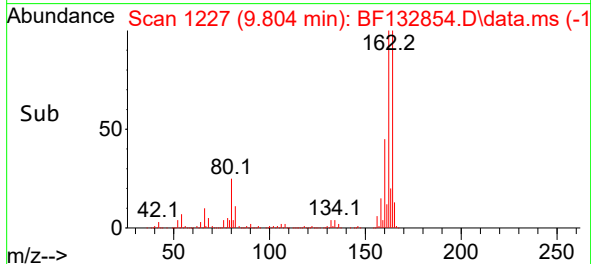
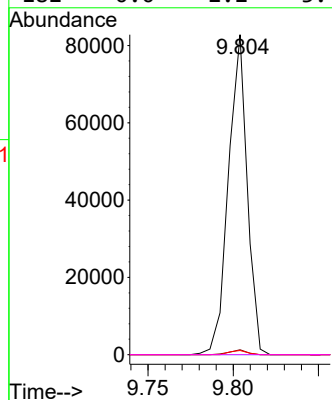
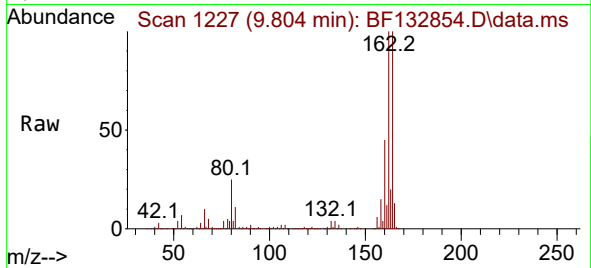




#57
2,4-Dinitrotoluene
Concen: 6.960 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

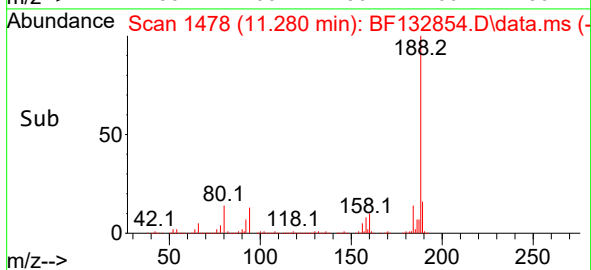
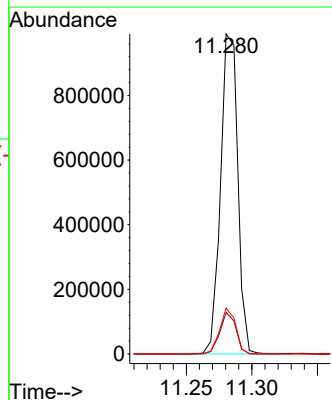
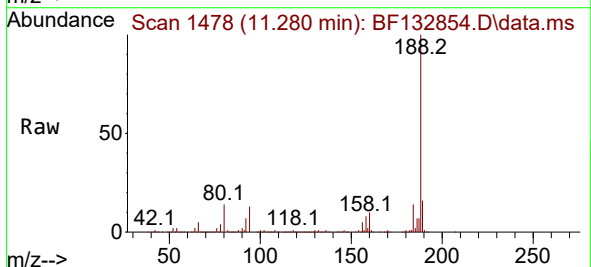
Instrument :
BNA_F
ClientSampleId :
PB151349BL

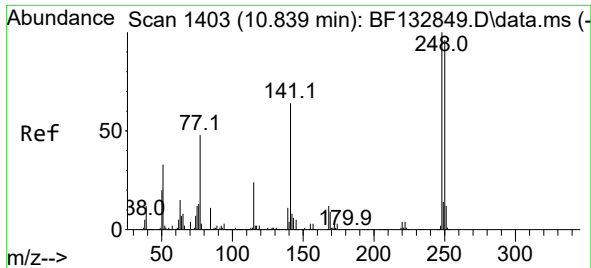
Tgt Ion:165 Resp: 63441
Ion Ratio Lower Upper
165 100
63 1.5 38.1 57.1#
89 1.3 59.2 88.8#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

Tgt Ion:188 Resp: 902948
Ion Ratio Lower Upper
188 100
94 13.0 10.8 16.2
80 14.3 10.9 16.3

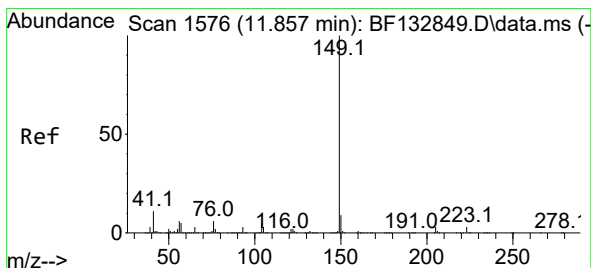
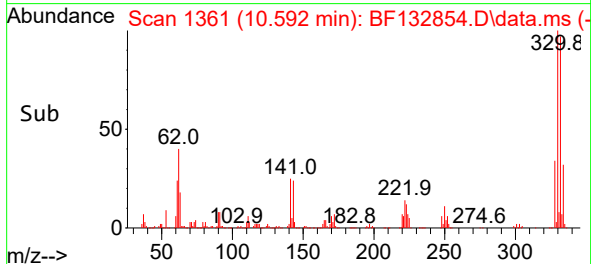
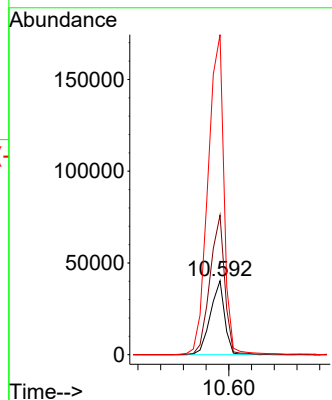
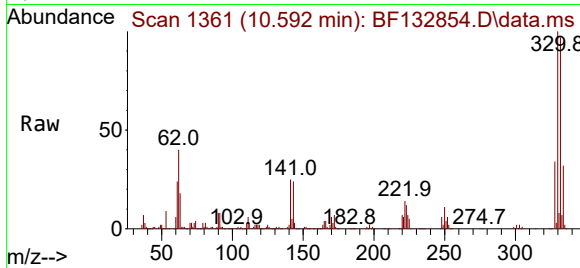




#67
4-Bromophenyl-phenylether
Concen: 3.670 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.247 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

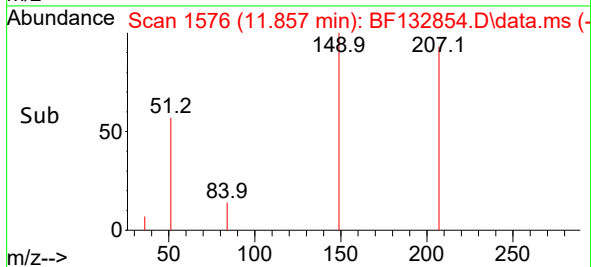
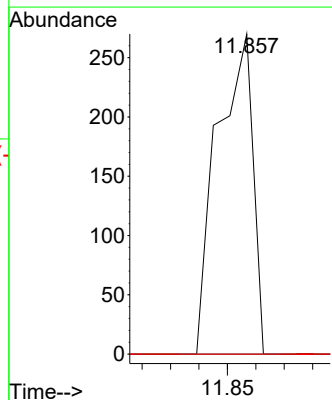
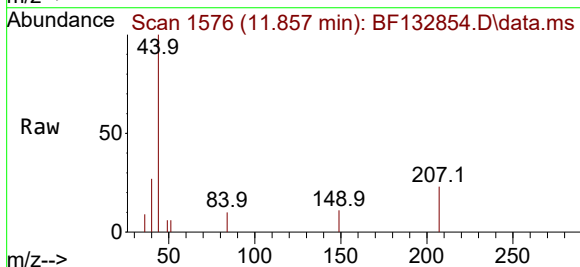
Instrument :
BNA_F
ClientSampleId :
PB151349BL

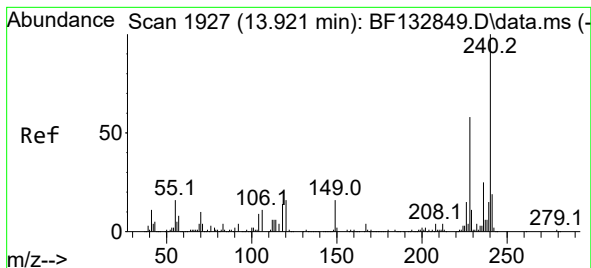
Tgt Ion:248 Resp: 35177
Ion Ratio Lower Upper
248 100
250 188.6 76.9 115.3#
141 432.6 50.9 76.3#



#74
Di-n-butylphthalate
Concen: 5.738 ng
RT: 11.857 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF132854.D
Acq: 11 Apr 2023 17:28

Tgt Ion:149 Resp: 234
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: BF132854.D

Acq: 11 Apr 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB151349BL

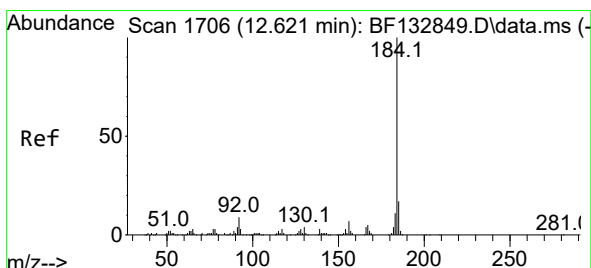
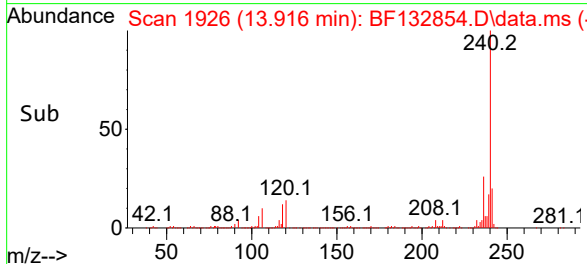
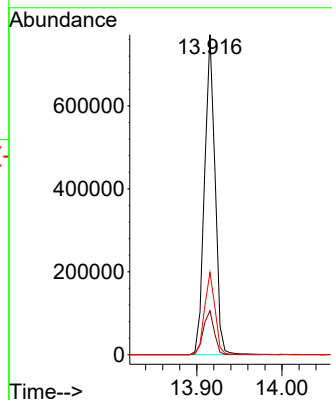
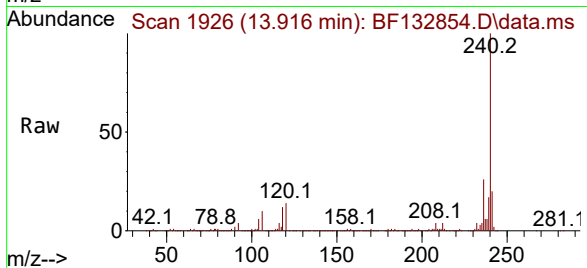
Tgt Ion:240 Resp: 661241

Ion Ratio Lower Upper

240 100

120 13.8 12.6 18.8

236 25.7 20.3 30.5



#77

Benzidine

Concen: 13.868 ng

RT: 12.874 min Scan# 1749

Delta R.T. 0.253 min

Lab File: BF132854.D

Acq: 11 Apr 2023 17:28

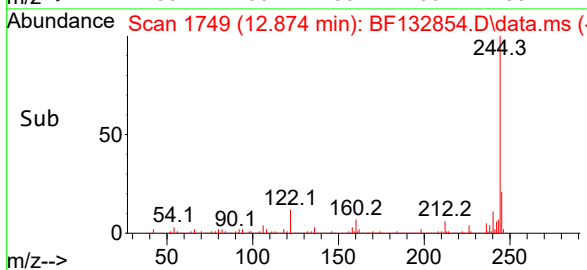
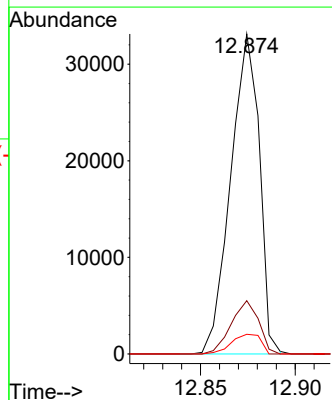
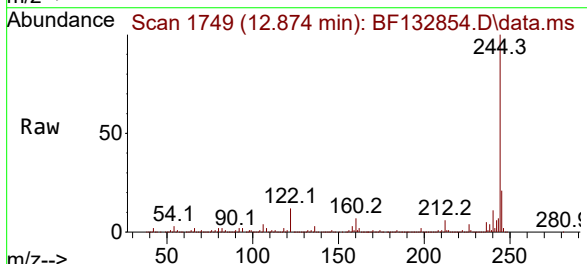
Tgt Ion:184 Resp: 34770

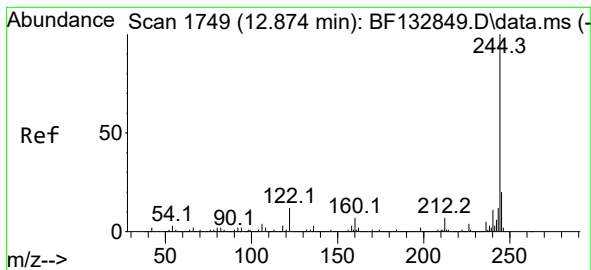
Ion Ratio Lower Upper

184 100

185 16.6 13.2 19.8

183 6.2 8.9 13.3#





#79

Terphenyl-d14

Concen: 77.180 ng

RT: 12.874 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132854.D

Acq: 11 Apr 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB151349BL

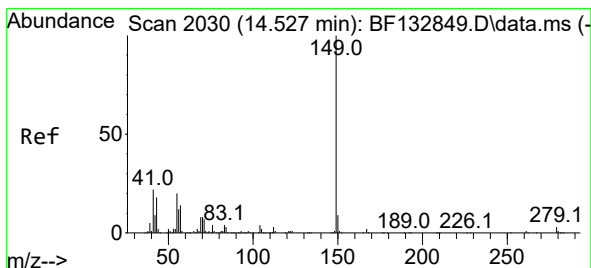
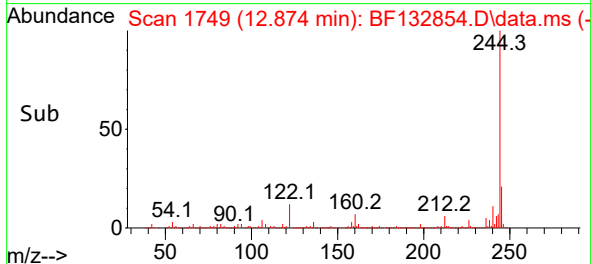
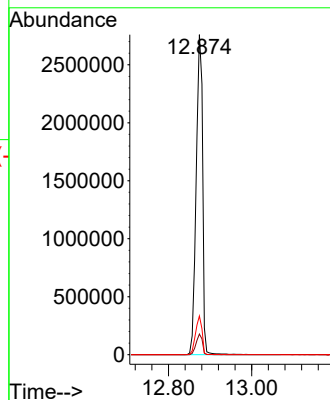
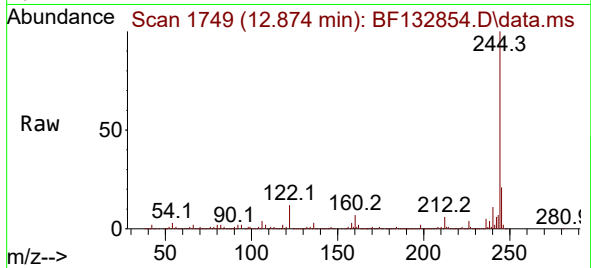
Tgt Ion:244 Resp: 2945455

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 12.1 9.8 14.6



#85

Di-n-octyl phthalate

Concen: 3.836 ng

RT: 14.510 min Scan# 2027

Delta R.T. -0.017 min

Lab File: BF132854.D

Acq: 11 Apr 2023 17:28

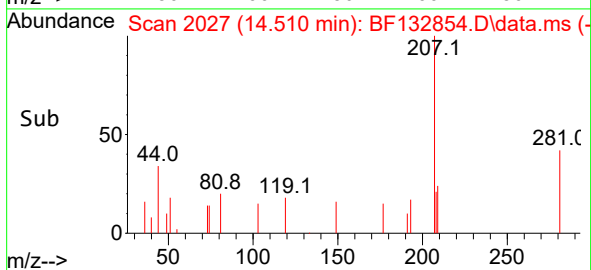
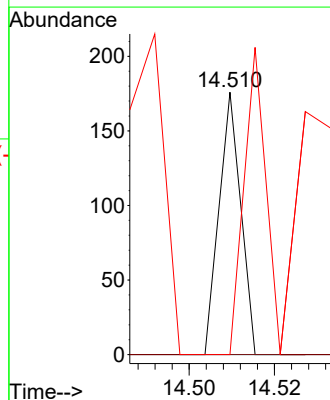
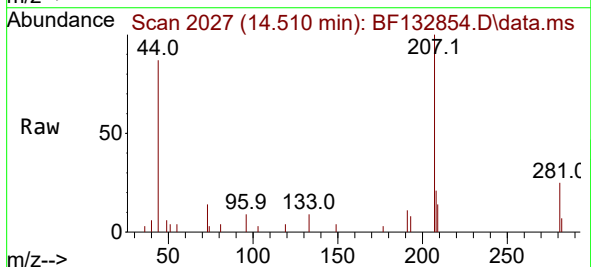
Tgt Ion:149 Resp: 62

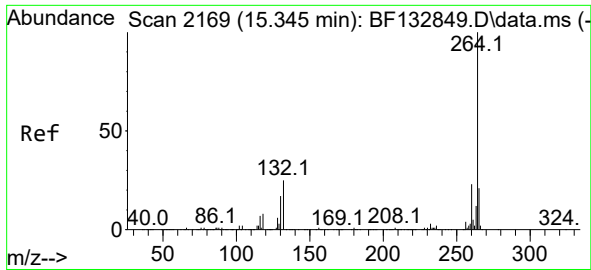
Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 21.4 32.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132854.D

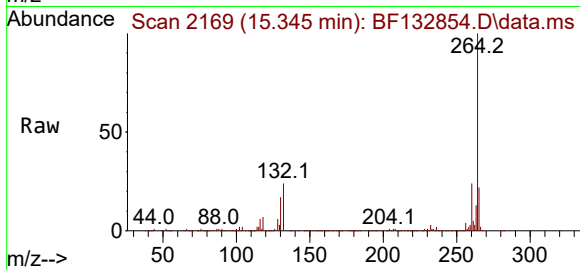
Acq: 11 Apr 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB151349BL



Tgt Ion:264 Resp: 599357

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.9 17.2 25.8

