

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132379.D
 Acq On : 09 Feb 2023 15:26
 Operator : CG\JU
 Sample : 01508-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-3

Quant Time: Feb 10 00:59:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

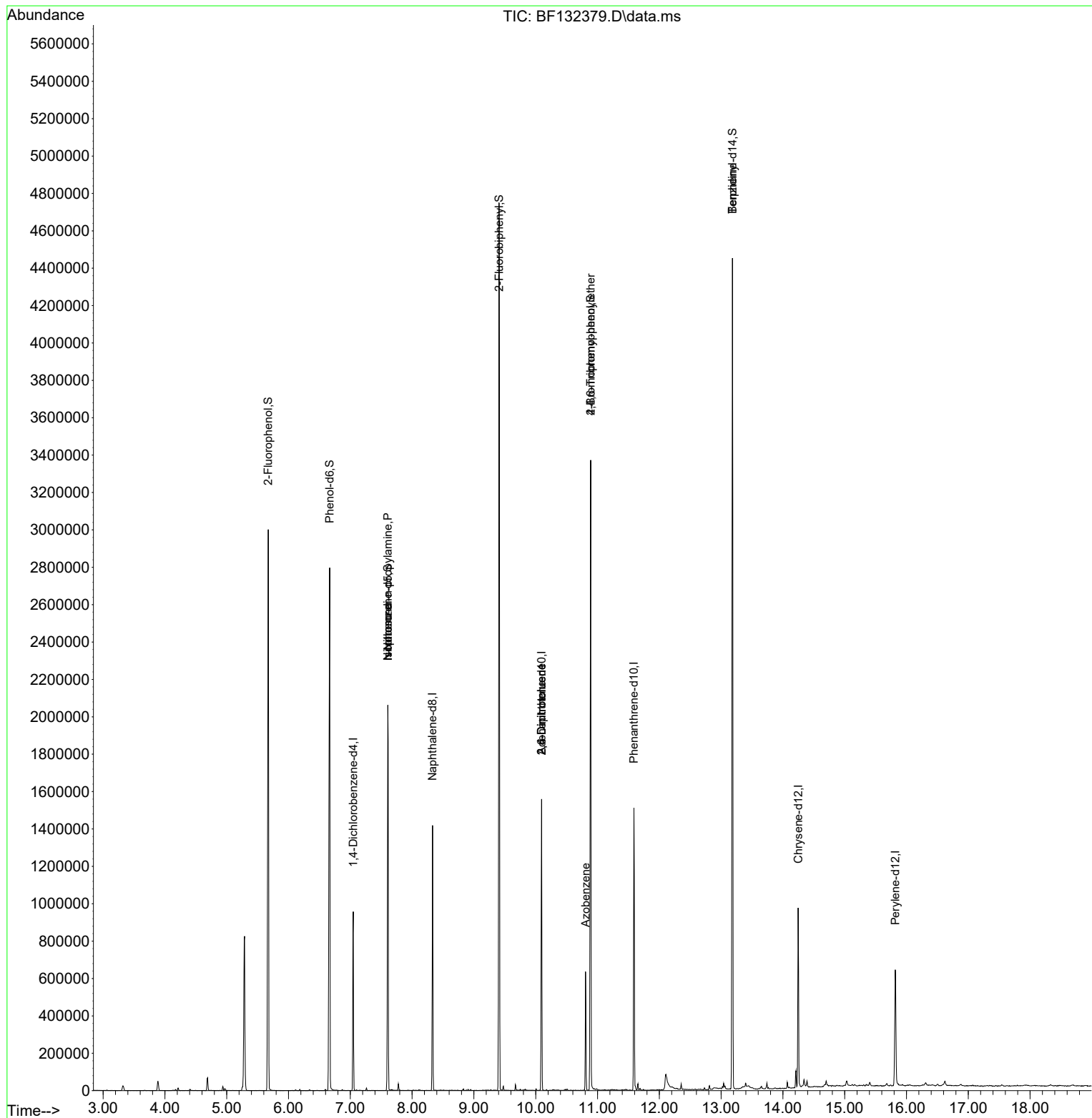
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	150311	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	566817	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	290395	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	538258	20.000	ng	0.00
76) Chrysene-d12	14.248	240	295908	20.000	ng	0.00
86) Perylene-d12	15.818	264	274011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1040537	111.273	ng	0.01
7) Phenol-d6	6.666	99	1220068	105.829	ng	0.00
23) Nitrobenzene-d5	7.607	82	751063	73.736	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	433710	145.233	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1445929	76.891	ng	0.00
79) Terphenyl-d14	13.183	244	1536418	100.439	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.595	77	201	Below Cal	#	36
19) n-Nitroso-di-n-propyla...	7.607	70	92722	14.159	ng	# 78
25) Isophorone	7.607	82	751164	38.854	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	38270	8.436	ng	# 25
57) 2,4-Dinitrotoluene	10.095	165	38270	6.494	ng	# 23
63) Azobenzene	10.807	77	97162	4.936	ng	# 1
67) 4-Bromophenyl-phenylether	10.889	248	24395	4.426	ng	# 1
77) Benzidine	13.183	184	23754	2.296	ng	# 93

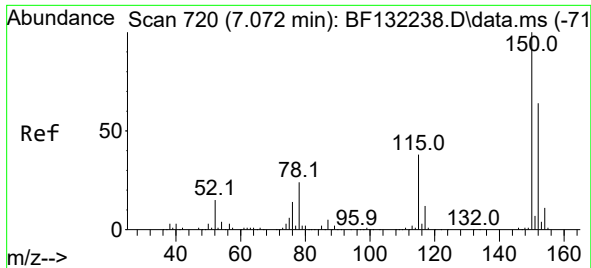
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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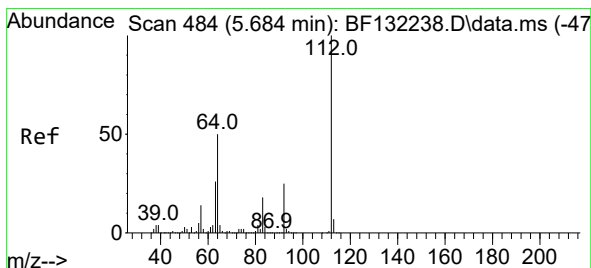
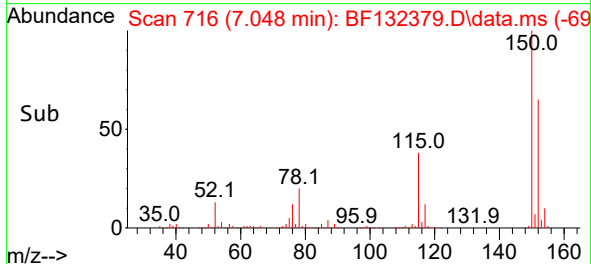
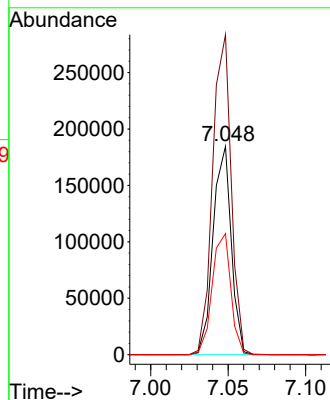
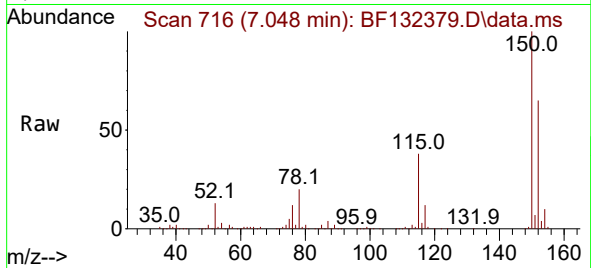




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

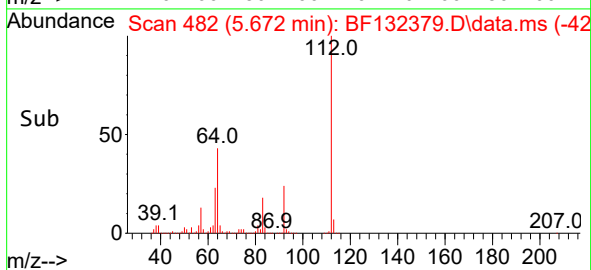
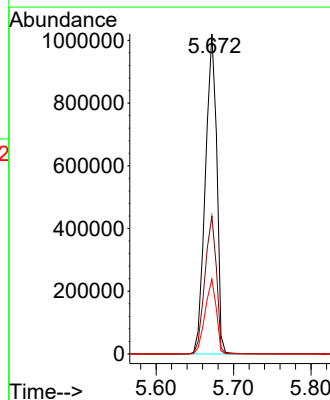
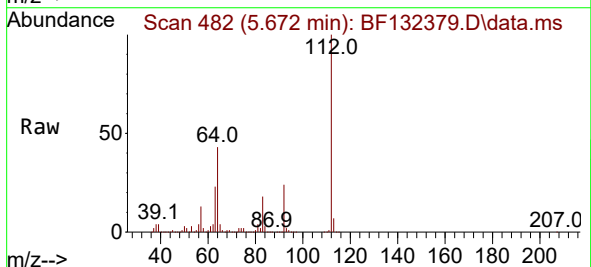
Instrument :
BNA_F
ClientSampleId :
RS-3

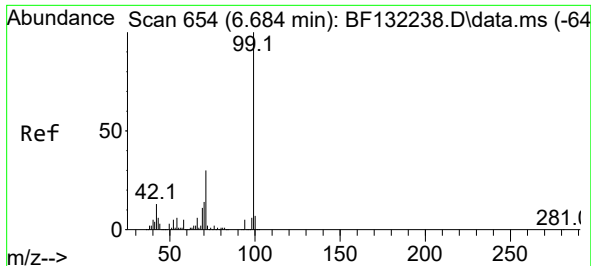
Tgt Ion:152 Resp: 150311
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.2
115 58.1 47.3 70.9



#5
2-Fluorophenol
Concen: 111.273 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.012 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion:112 Resp: 1040537
Ion Ratio Lower Upper
112 100
64 43.1 40.0 60.0
63 23.4 20.5 30.7

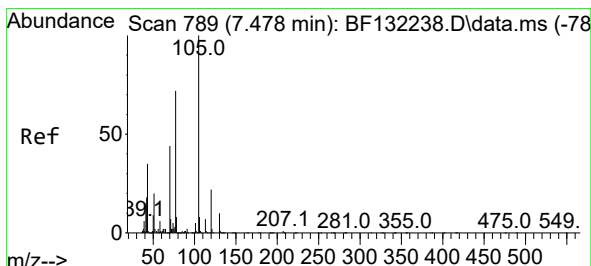
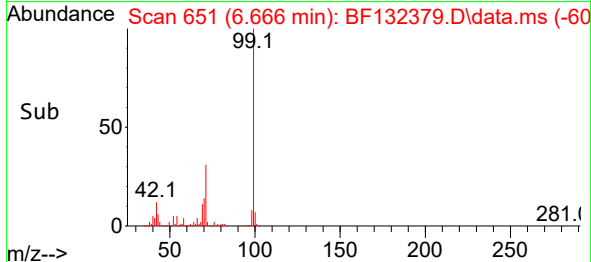
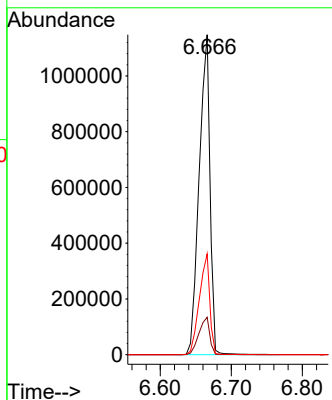
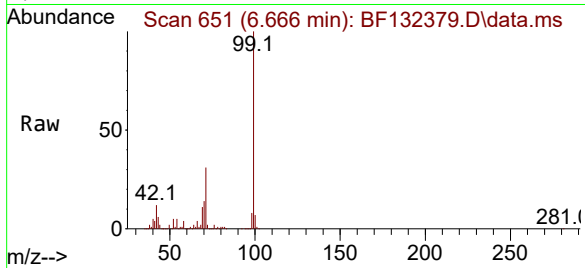




#7
Phenol-d6
Concen: 105.829 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

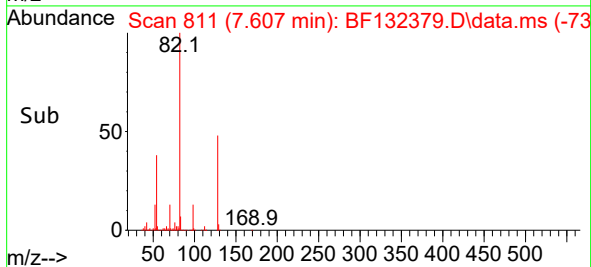
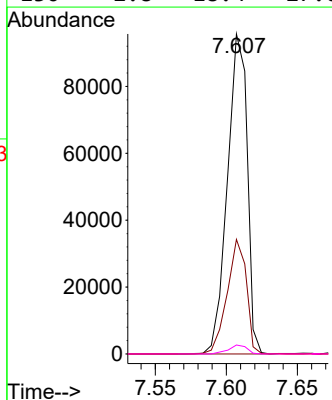
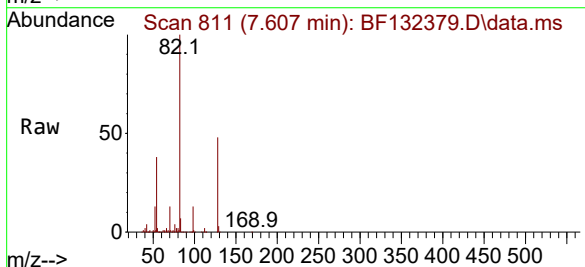
Instrument :
BNA_F
ClientSampleId :
RS-3

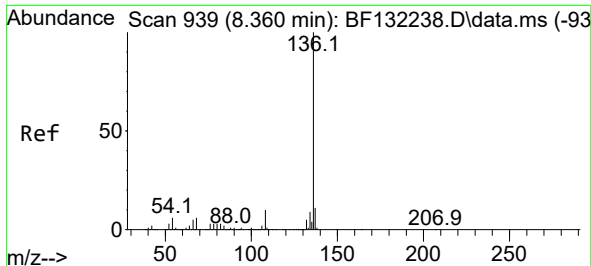
Tgt Ion: 99 Resp: 1220068
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 31.5 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.159 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.147 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion: 70 Resp: 92722
Ion Ratio Lower Upper
70 100
42 35.8 33.4 50.0
101 0.0 8.2 12.4#
130 2.8 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.331 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132379.D

Acq: 09 Feb 2023 15:26

Instrument :

BNA_F

ClientSampleId :

RS-3

Tgt Ion:136 Resp: 566817

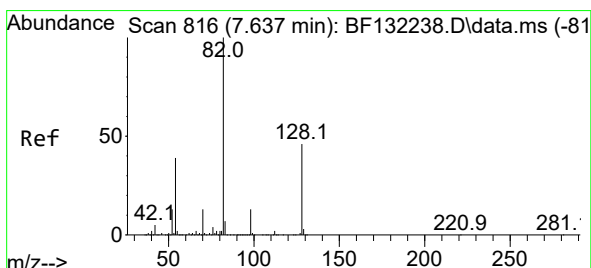
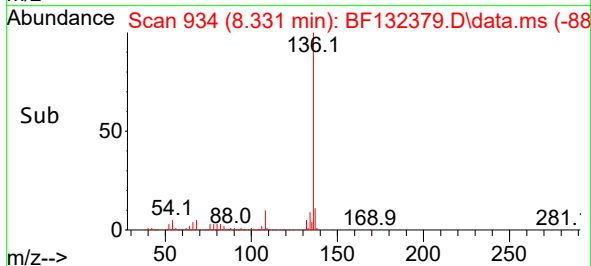
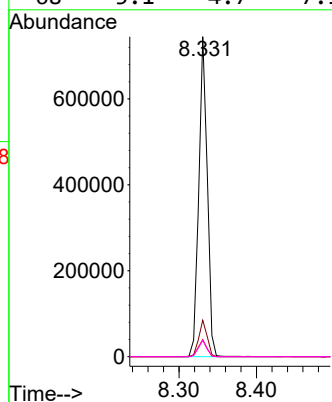
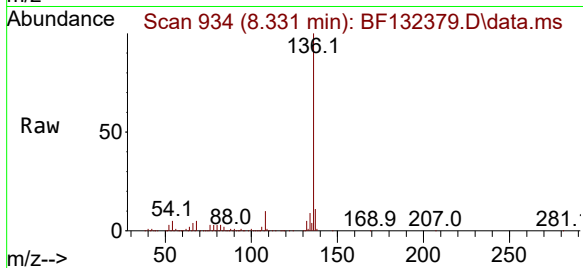
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 5.4 4.9 7.3

68 5.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 73.736 ng

RT: 7.607 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF132379.D

Acq: 09 Feb 2023 15:26

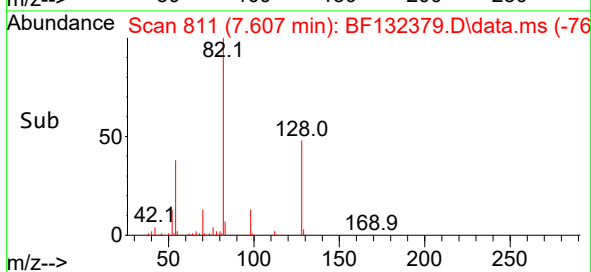
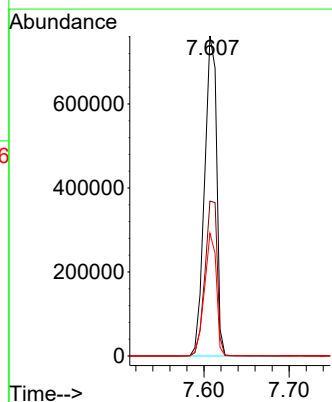
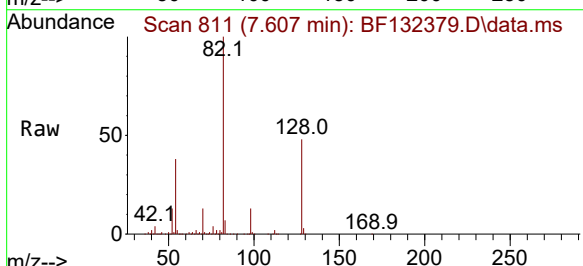
Tgt Ion: 82 Resp: 751063

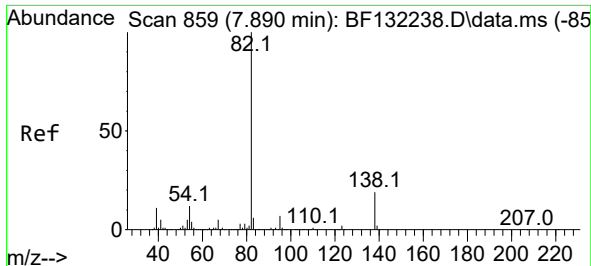
Ion Ratio Lower Upper

82 100

128 48.4 37.0 55.4

54 38.4 31.5 47.3

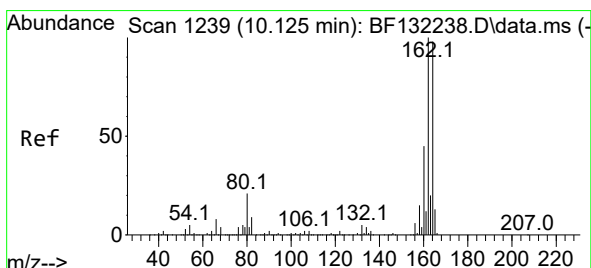
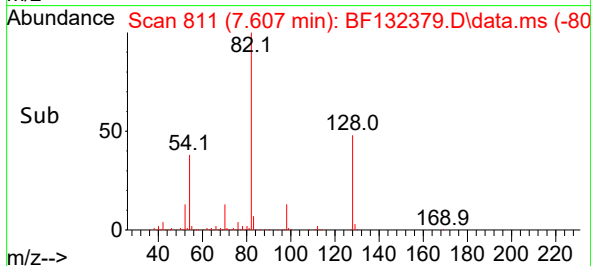
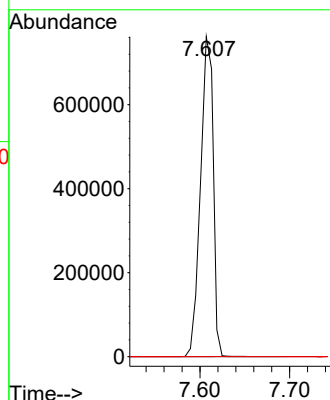
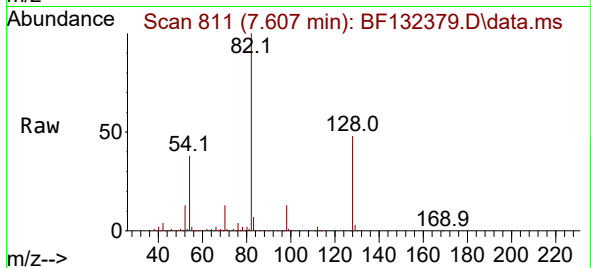




#25
Isophorone
Concen: 38.854 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.265 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

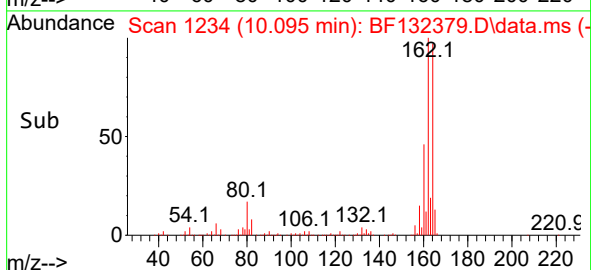
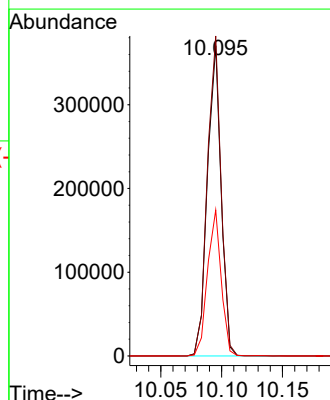
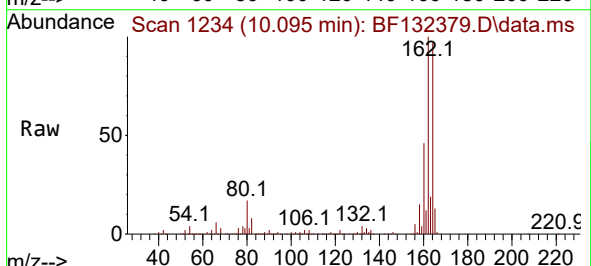
Instrument :
BNA_F
ClientSampleId :
RS-3

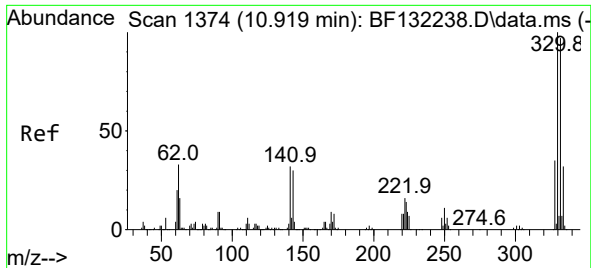
Tgt Ion: 82 Resp: 751164
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion: 164 Resp: 290395
Ion Ratio Lower Upper
164 100
162 103.1 82.0 123.0
160 47.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 145.233 ng

RT: 10.889 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132379.D

Acq: 09 Feb 2023 15:26

Instrument :

BNA_F

ClientSampleId :

RS-3

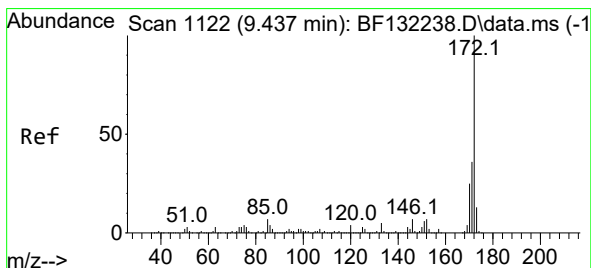
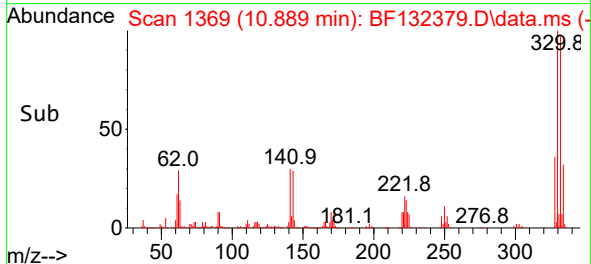
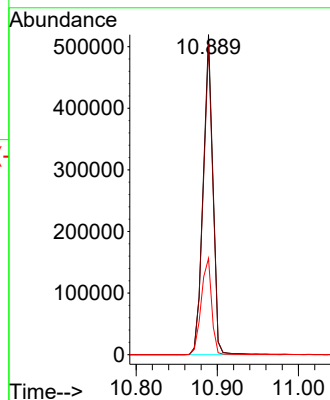
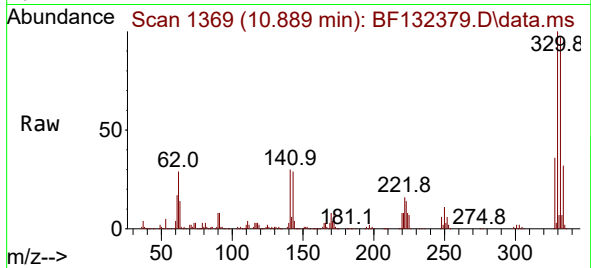
Tgt Ion:330 Resp: 433710

Ion Ratio Lower Upper

330 100

332 96.8 77.9 116.9

141 32.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 76.891 ng

RT: 9.407 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132379.D

Acq: 09 Feb 2023 15:26

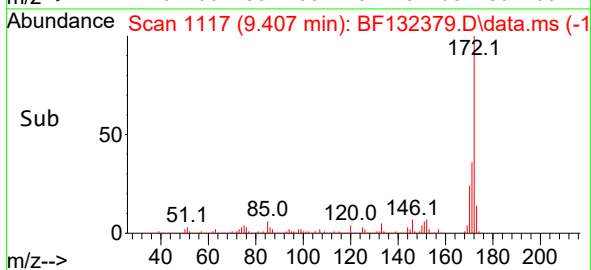
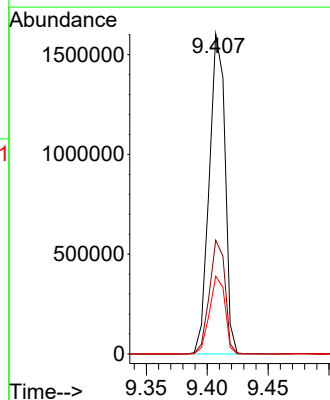
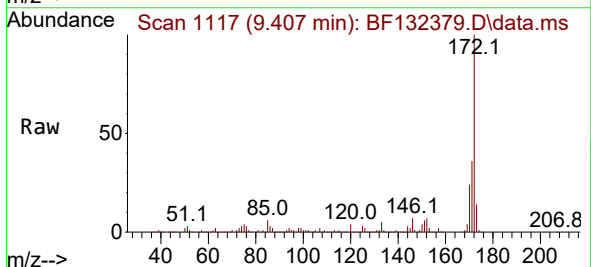
Tgt Ion:172 Resp: 1445929

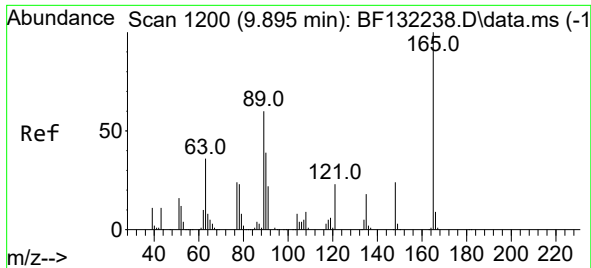
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.3 19.7 29.5

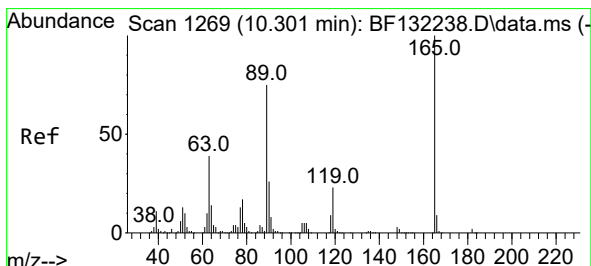
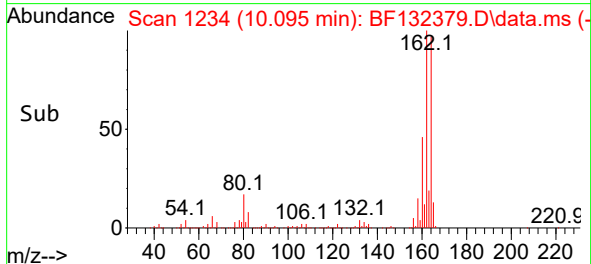
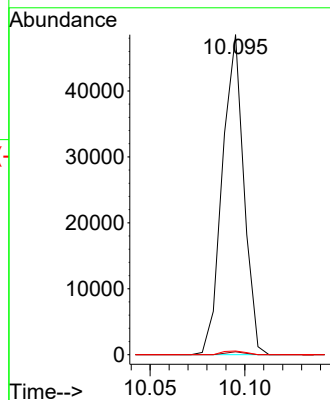
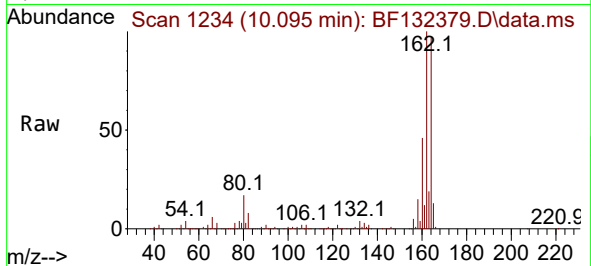




#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 10.095 min Scan# 1234
Delta R.T. 0.218 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

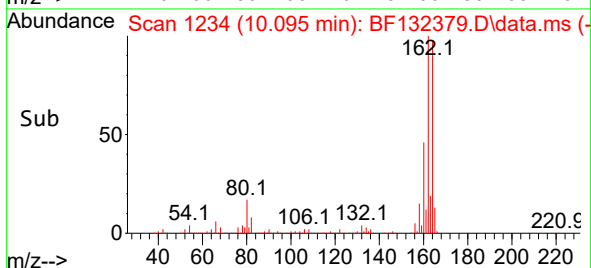
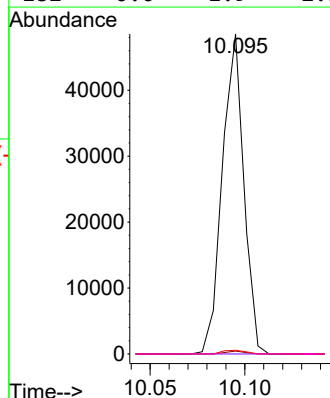
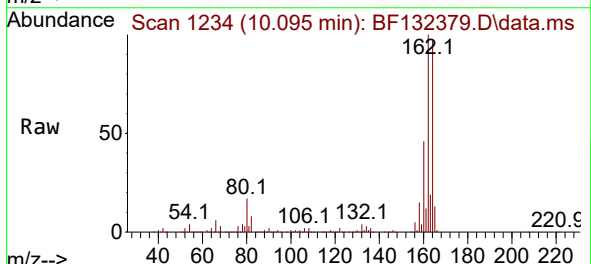
Instrument :
BNA_F
ClientSampleId :
RS-3

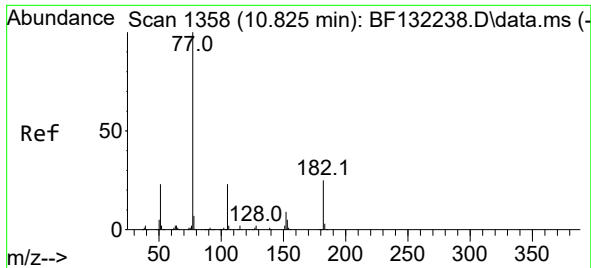
Tgt Ion:165 Resp: 38270
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.494 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion:165 Resp: 38270
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#

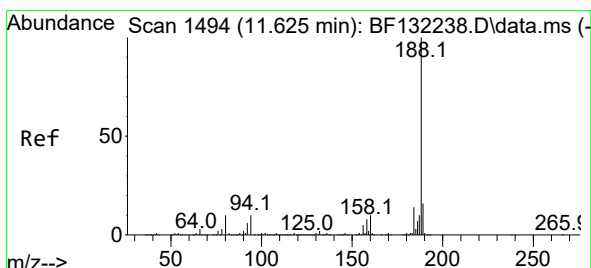
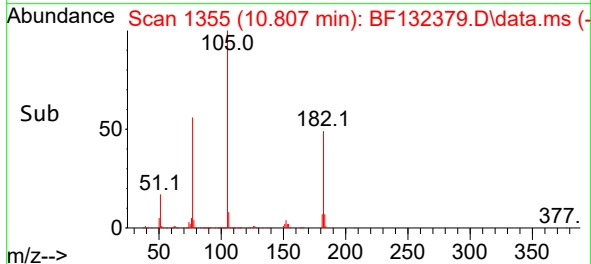
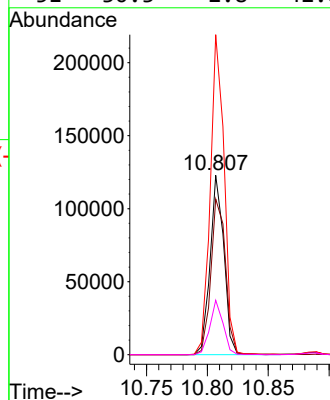
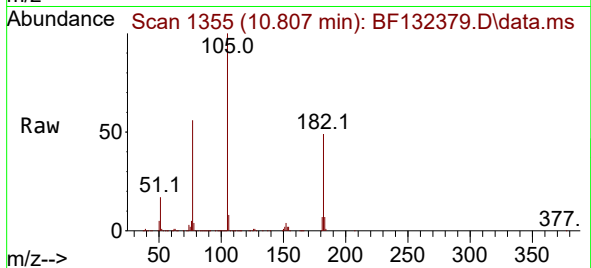




#63
Azobenzene
Concen: 4.936 ng
RT: 10.807 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

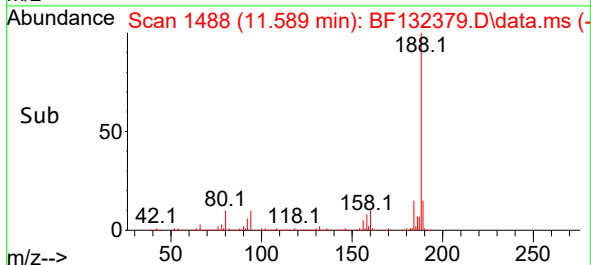
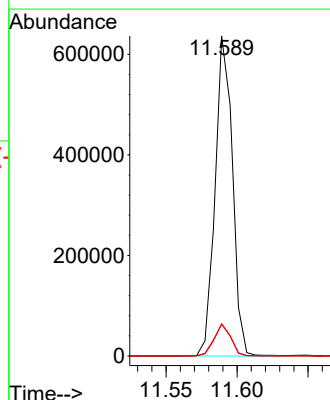
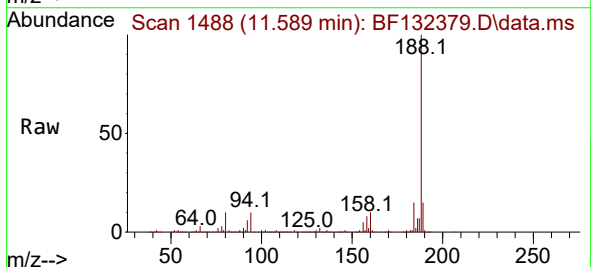
Instrument :
BNA_F
ClientSampleId :
RS-3

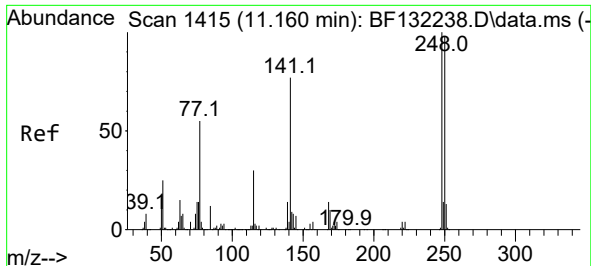
Tgt Ion: 77	Resp: 97162
Ion Ratio	Lower Upper
77 100	
182 86.8	4.5 44.5#
105 178.3	2.7 42.7#
51 30.3	2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion: 188	Resp: 538258
Ion Ratio	Lower Upper
188 100	
94 10.1	8.2 12.2
80 9.9	8.3 12.5

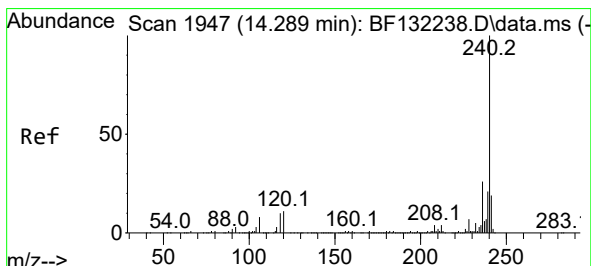
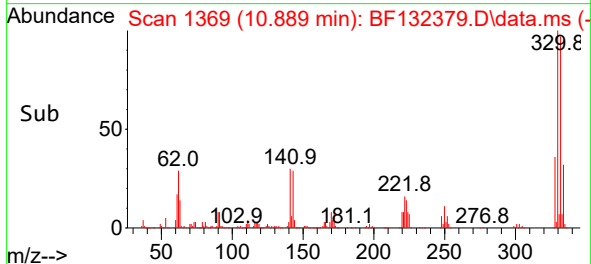
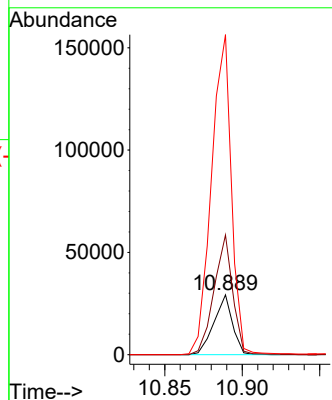
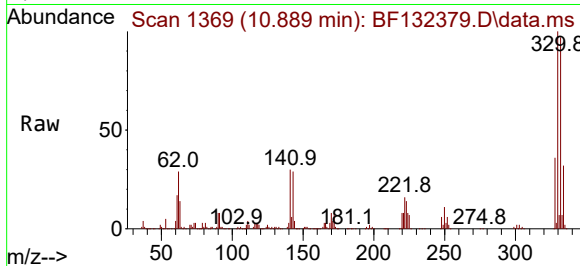




#67
4-Bromophenyl-phenylether
Concen: 4.426 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

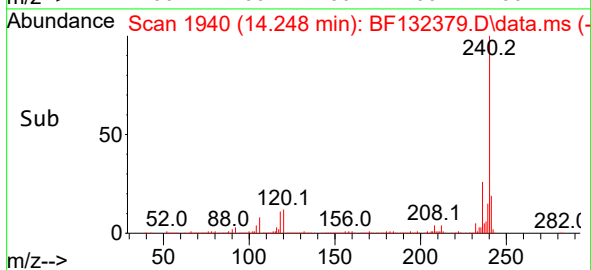
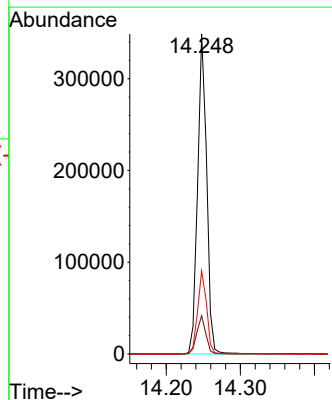
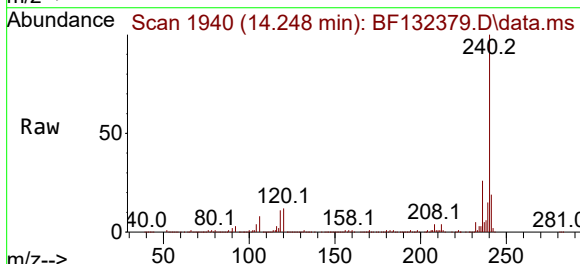
Instrument :
BNA_F
ClientSampleId :
RS-3

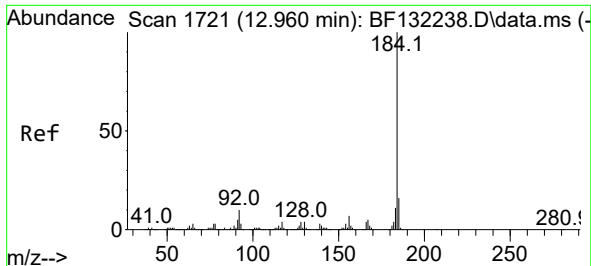
Tgt Ion:248 Resp: 24395
Ion Ratio Lower Upper
248 100
250 199.9 78.6 117.8#
141 534.6 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion:240 Resp: 295908
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 26.0 21.0 31.6

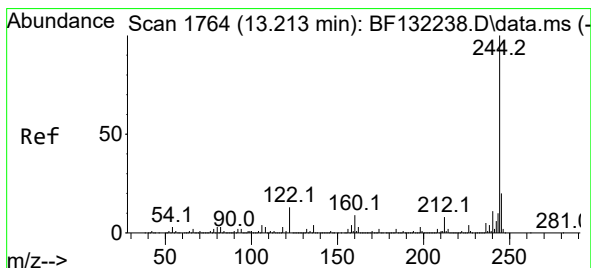
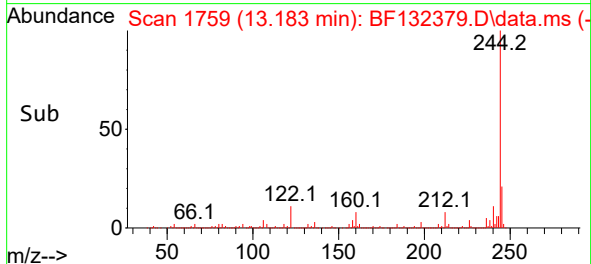
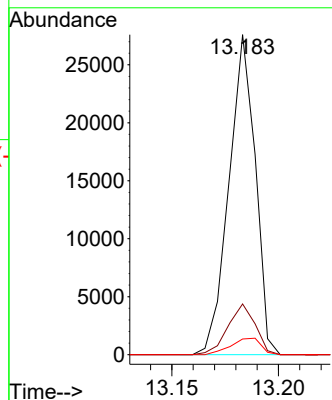
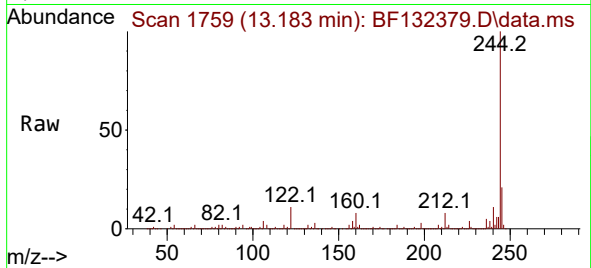




#77
Benzidine
Concen: 2.296 ng
RT: 13.183 min Scan# 1759
Delta R.T. 0.253 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

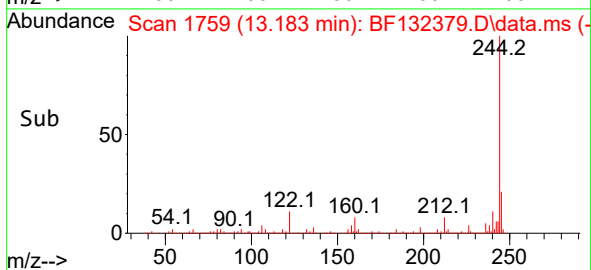
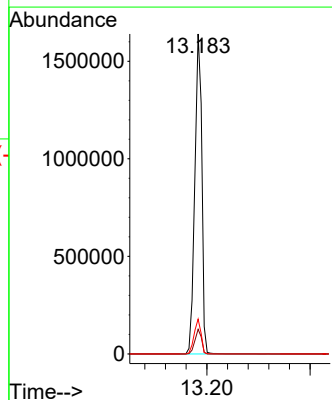
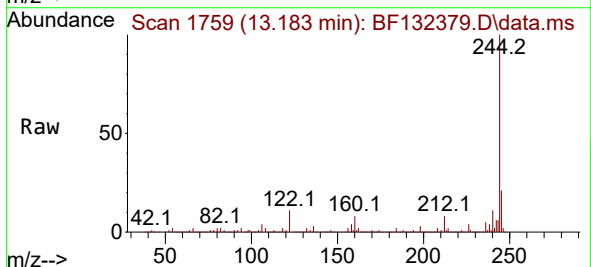
Instrument :
BNA_F
ClientSampleId :
RS-3

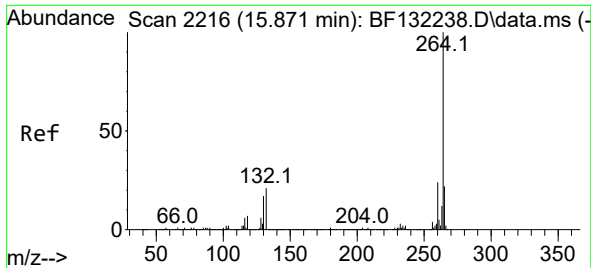
Tgt Ion:184 Resp: 23754
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 4.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 100.439 ng
RT: 13.183 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

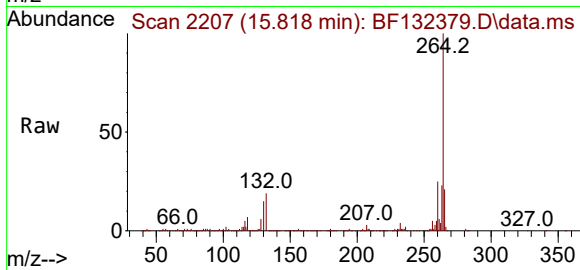
Tgt Ion:244 Resp: 1536418
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 10.9 10.5 15.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.818 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132379.D
 Acq: 09 Feb 2023 15:26

Instrument :
 BNA_F
 ClientSampleId :
 RS-3



Tgt Ion:264 Resp: 274011
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.4
 265 21.3 17.4 26.2

