

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132350.D
 Acq On : 07 Feb 2023 18:10
 Operator : CG\JU
 Sample : 01466-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1

Quant Time: Feb 08 04:00:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

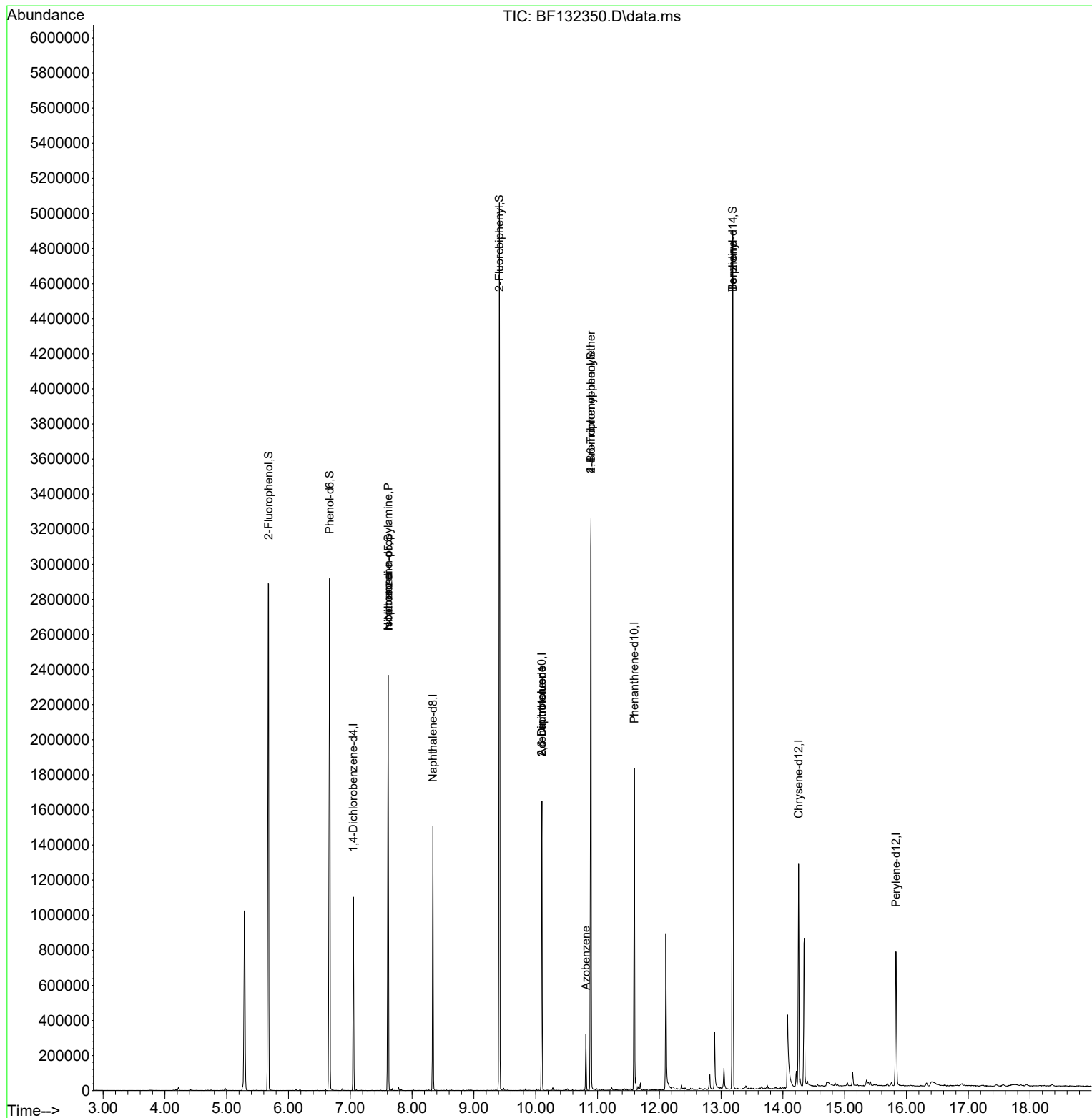
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	161706	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	615819	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	324194	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	626821	20.000	ng	0.00
76) Chrysene-d12	14.254	240	384120	20.000	ng	-0.01
86) Perylene-d12	15.830	264	354080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1074995	106.857	ng	0.01
7) Phenol-d6	6.666	99	1316832	106.173	ng	0.00
23) Nitrobenzene-d5	7.613	82	779906	70.475	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	458594	137.555	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1485333	70.752	ng	0.00
79) Terphenyl-d14	13.189	244	1716783	86.456	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.601	77	166	Below Cal	#	40
19) n-Nitroso-di-n-propyla...	7.613	70	96064	13.636	ng	# 76
25) Isophorone	7.613	82	779885	37.130	ng	# 64
51) 2,6-Dinitrotoluene	10.101	165	42800	8.451	ng	# 25
57) 2,4-Dinitrotoluene	10.101	165	42800	6.505	ng	# 23
63) Azobenzene	10.813	77	46735	2.127	ng	# 1
67) 4-Bromophenyl-phenylether	10.895	248	26454	4.121	ng	# 1
77) Benzidine	13.189	184	27097	2.018	ng	# 92

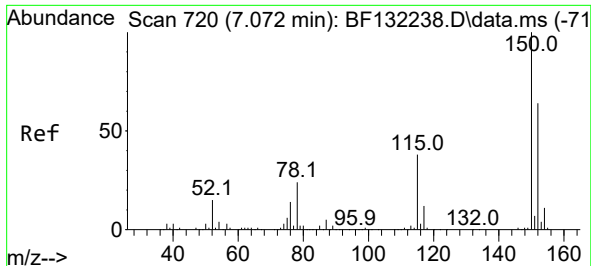
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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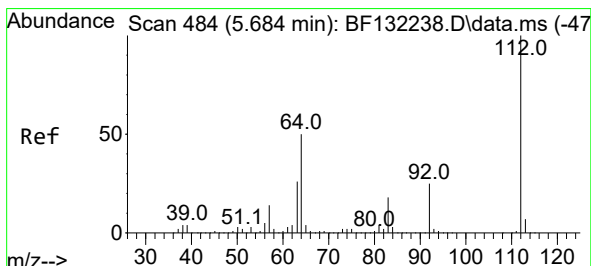
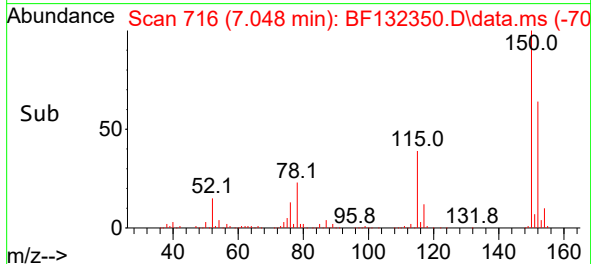
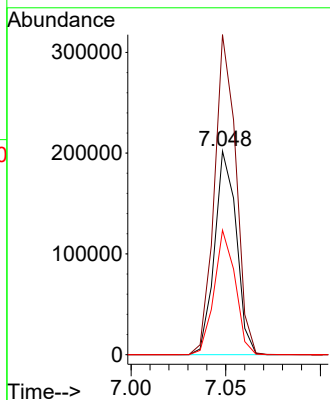
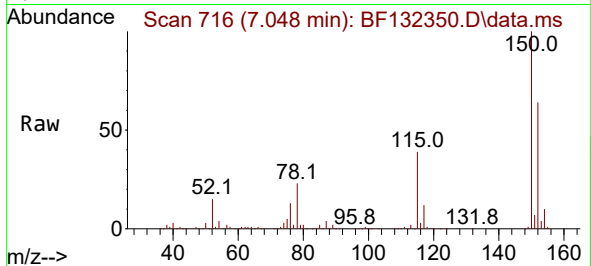




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

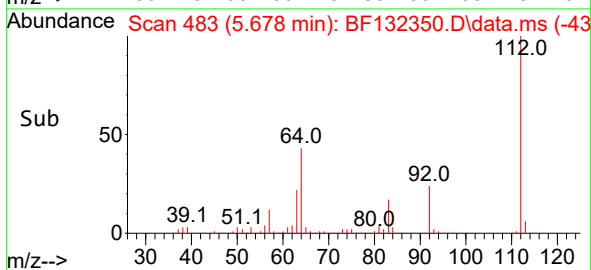
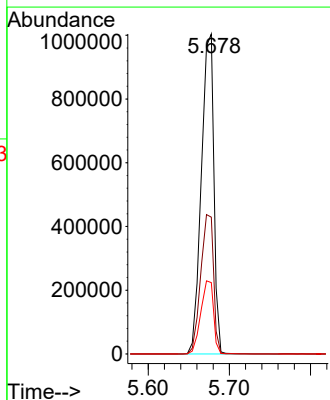
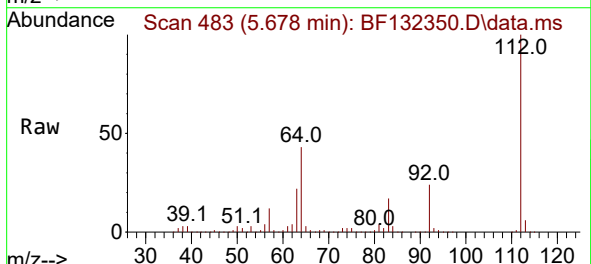
Instrument :
BNA_F
ClientSampleId :
A-1

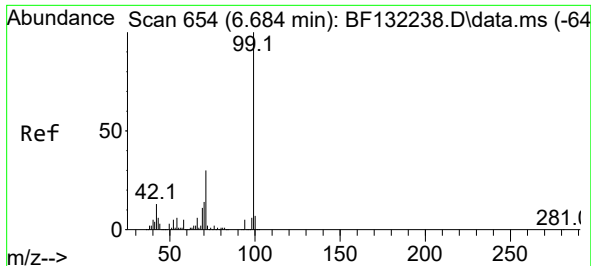
Tgt Ion:152 Resp: 161706
Ion Ratio Lower Upper
152 100
150 157.3 124.2 186.2
115 61.2 47.3 70.9



#5
2-Fluorophenol
Concen: 106.857 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.012 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion:112 Resp: 1074995
Ion Ratio Lower Upper
112 100
64 42.8 40.0 60.0
63 22.3 20.5 30.7

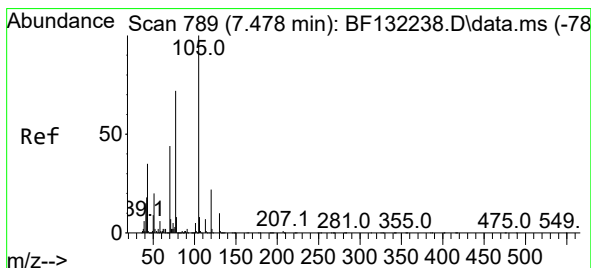
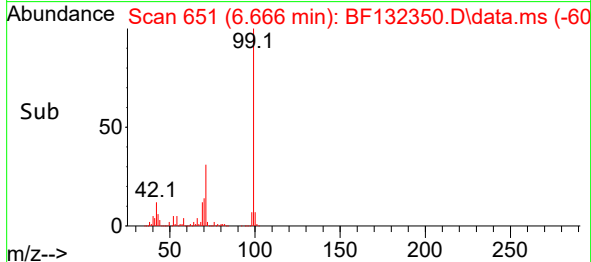
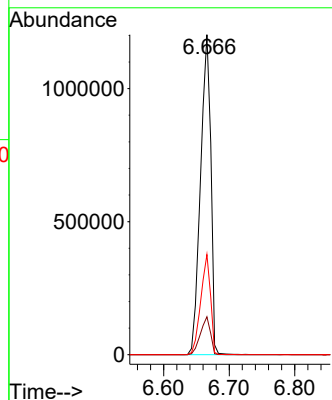
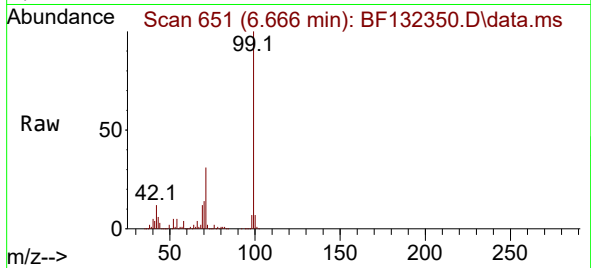




#7
Phenol-d6
Concen: 106.173 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

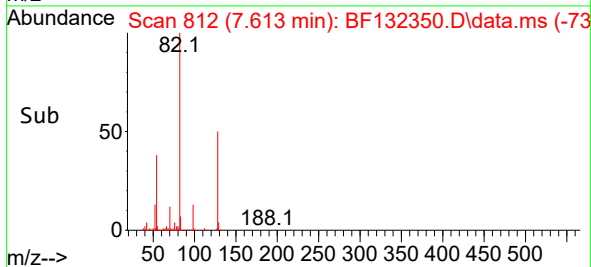
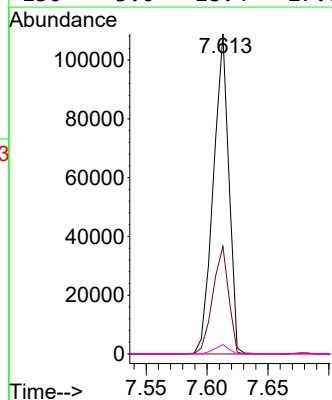
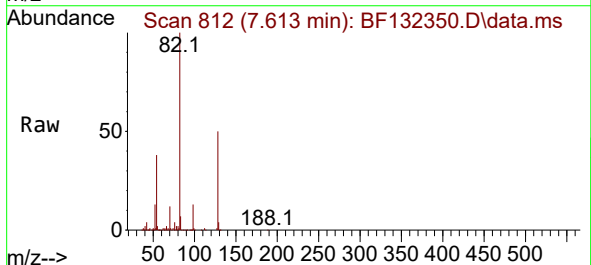
Instrument :
BNA_F
ClientSampleId :
A-1

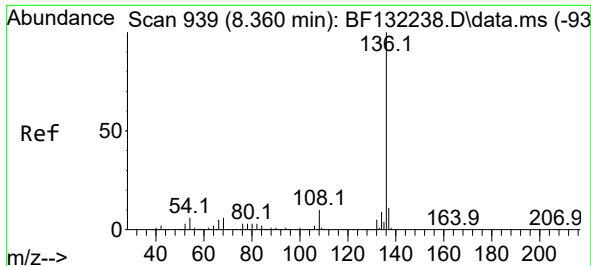
Tgt Ion: 99 Resp: 1316832
Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 31.3 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.636 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion: 70 Resp: 96064
Ion Ratio Lower Upper
70 100
42 33.6 33.4 50.0
101 0.0 8.2 12.4#
130 3.0 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.336 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132350.D

Acq: 07 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

A-1

Tgt Ion:136 Resp: 615819

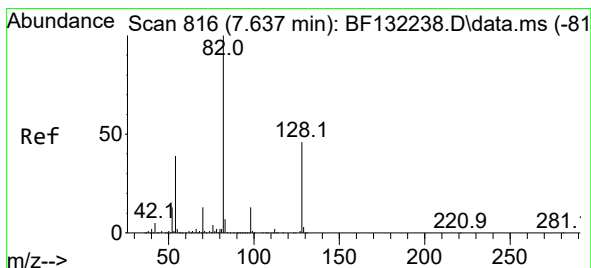
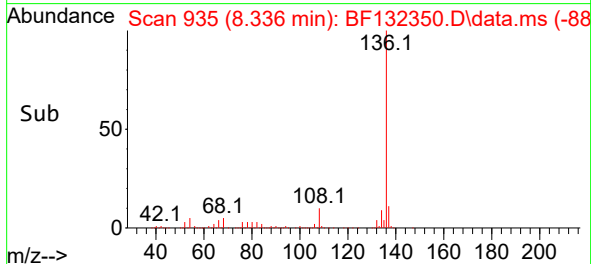
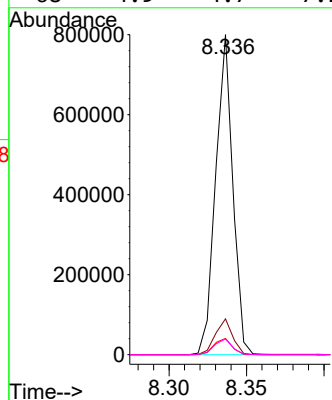
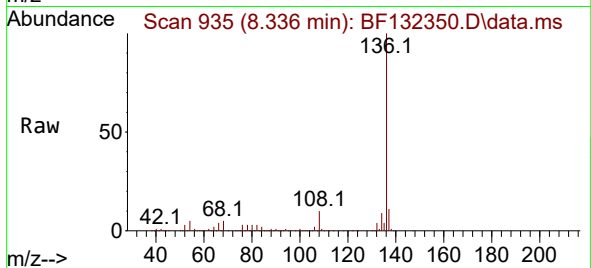
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.1 4.9 7.3

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 70.475 ng

RT: 7.613 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF132350.D

Acq: 07 Feb 2023 18:10

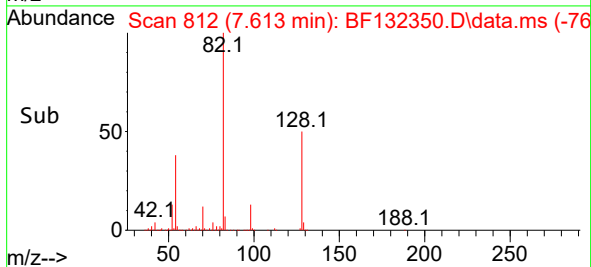
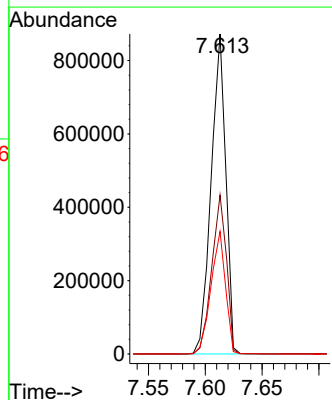
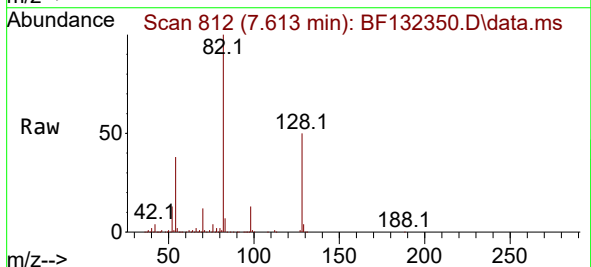
Tgt Ion: 82 Resp: 779906

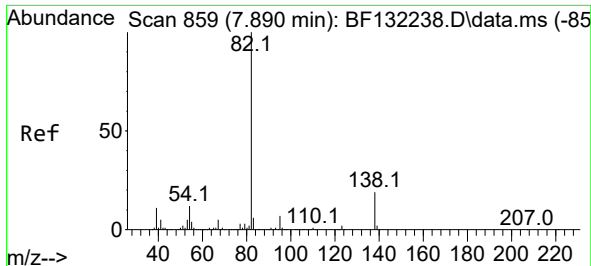
Ion Ratio Lower Upper

82 100

128 49.7 37.0 55.4

54 38.3 31.5 47.3

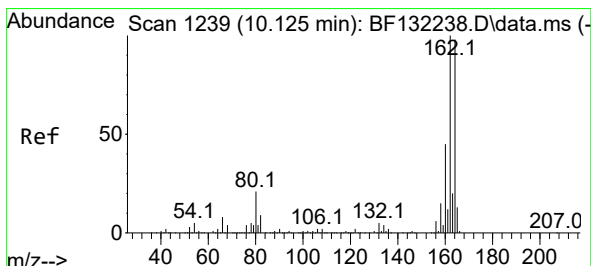
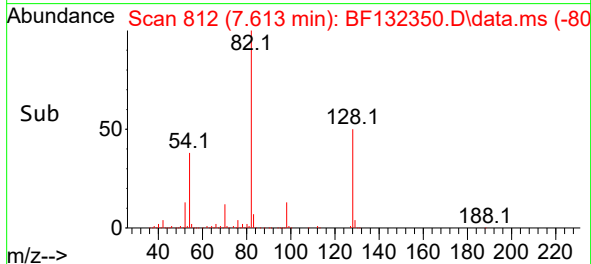
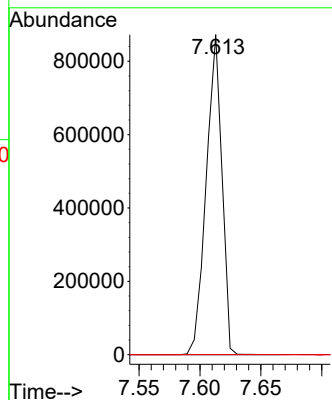
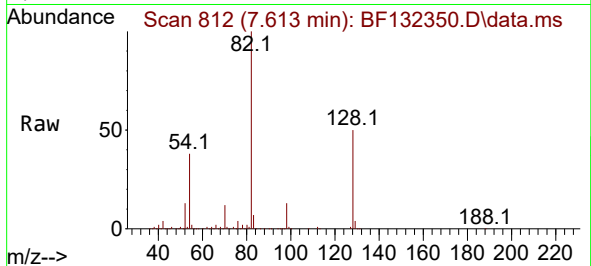




#25
Isophorone
Concen: 37.130 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

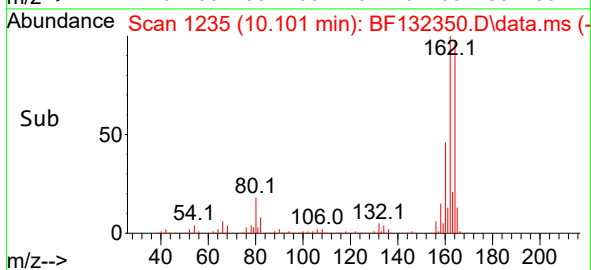
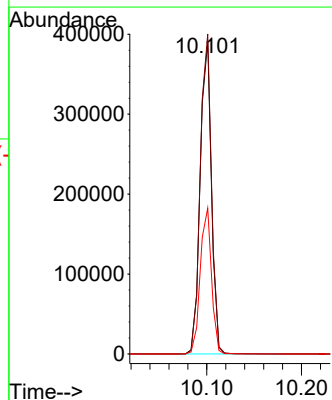
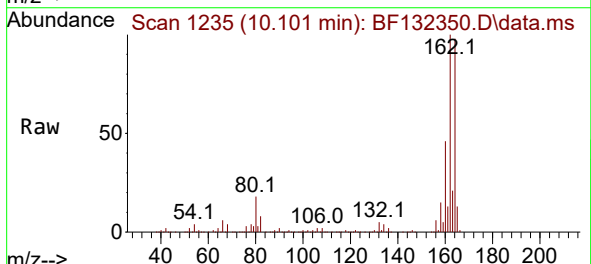
Instrument :
BNA_F
ClientSampleId :
A-1

Tgt Ion: 82 Resp: 779885
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: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion:164 Resp: 324194
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 46.7 37.1 55.7

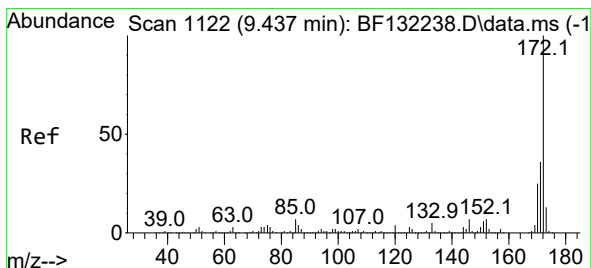
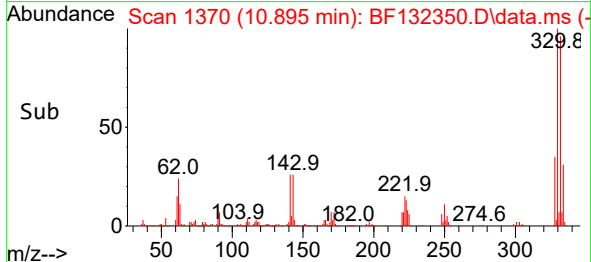
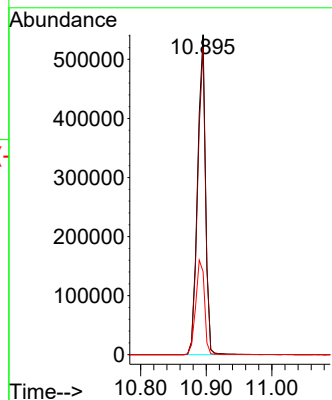
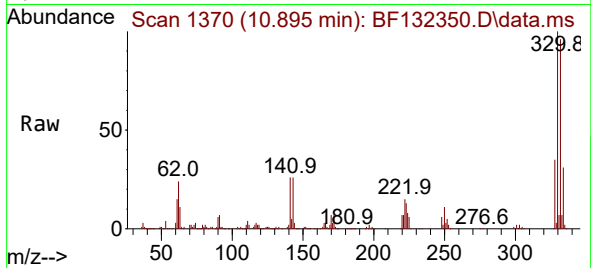




#42
2,4,6-Tribromophenol
Concen: 137.555 ng
RT: 10.895 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

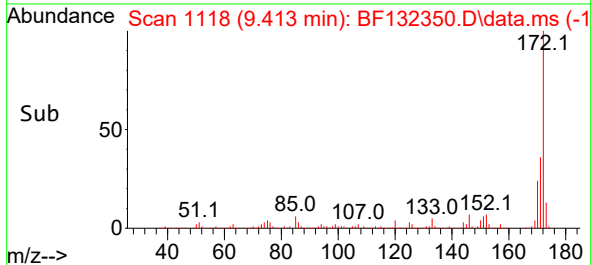
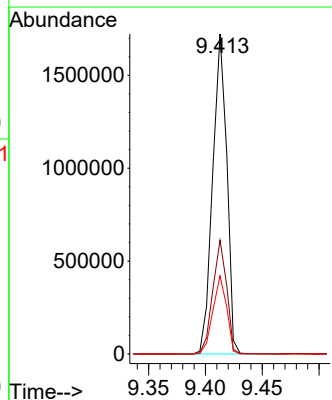
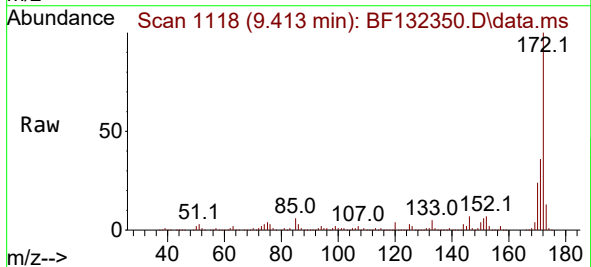
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ClientSampleId :
A-1

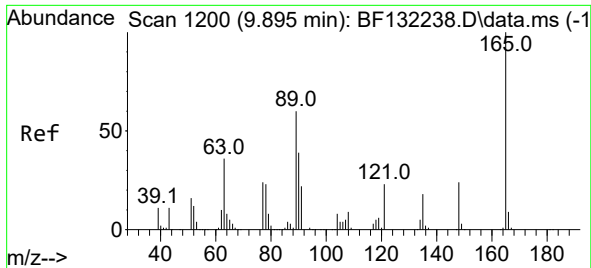
Tgt Ion:330 Resp: 458594
Ion Ratio Lower Upper
330 100
332 95.6 77.9 116.9
141 32.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 70.752 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion:172 Resp: 1485333
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.4 19.7 29.5

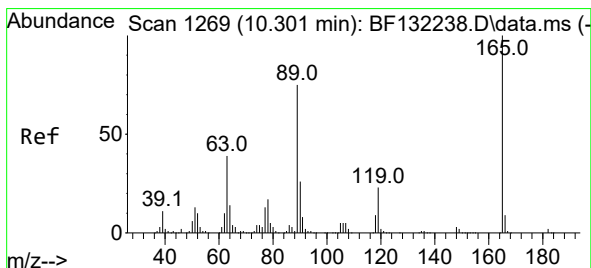
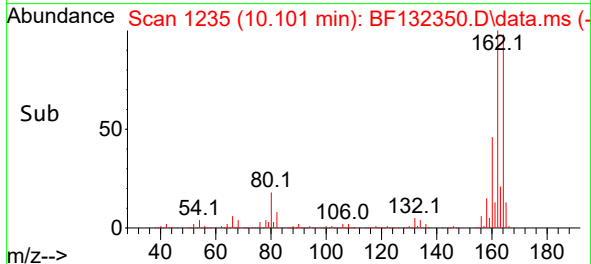
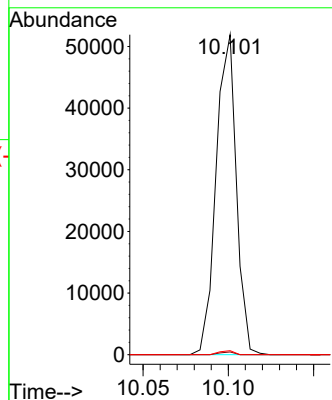
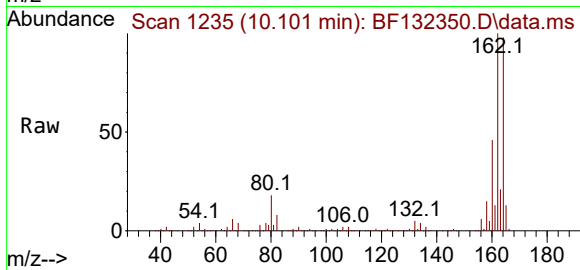




#51
2,6-Dinitrotoluene
Concen: 8.451 ng
RT: 10.101 min Scan# 1235
Delta R.T. 0.218 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

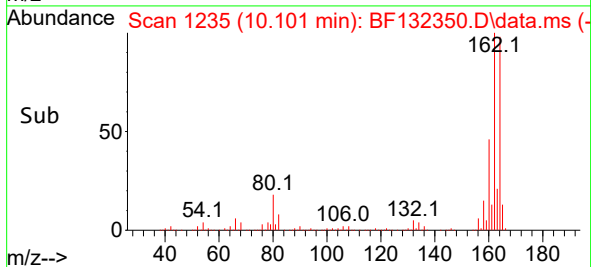
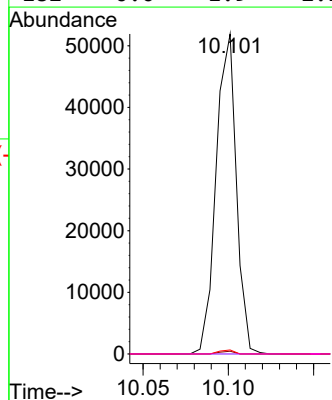
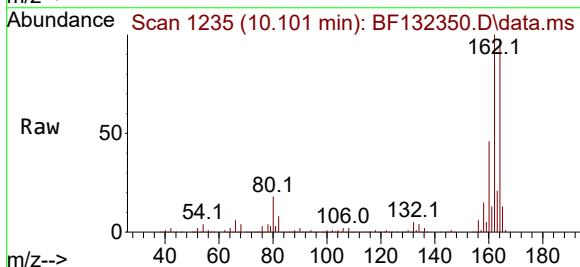
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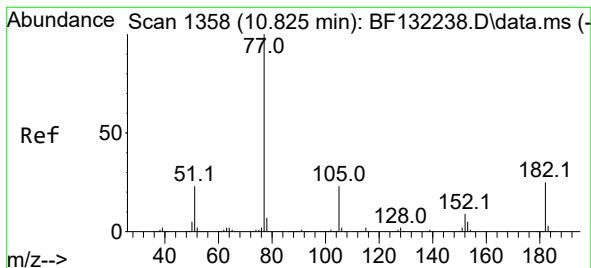
Tgt Ion:165 Resp: 42800
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.505 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.182 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion:165 Resp: 42800
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.3 60.1 90.1#
182 0.0 1.9 2.9#





#63

Azobenzene

Concen: 2.127 ng

RT: 10.813 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132350.D

Acq: 07 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 77 Resp: 46735

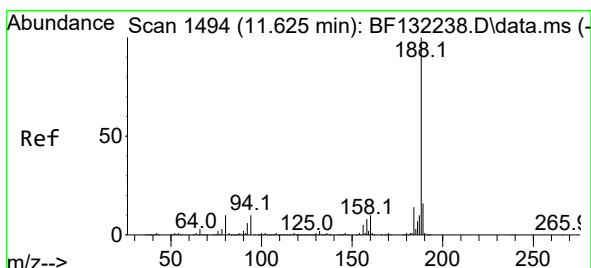
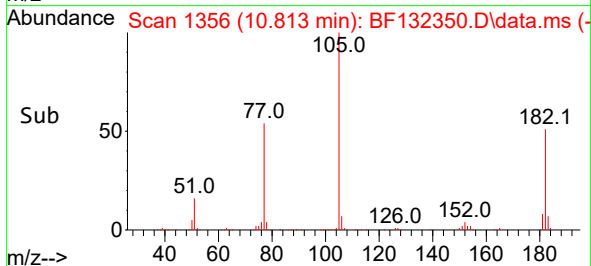
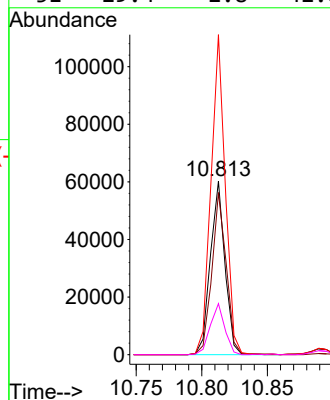
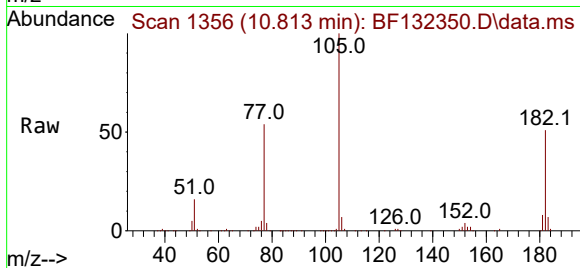
Ion Ratio Lower Upper

77 100

182 93.4 4.5 44.5#

105 184.4 2.7 42.7#

51 29.4 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.595 min Scan# 1489

Delta R.T. -0.006 min

Lab File: BF132350.D

Acq: 07 Feb 2023 18:10

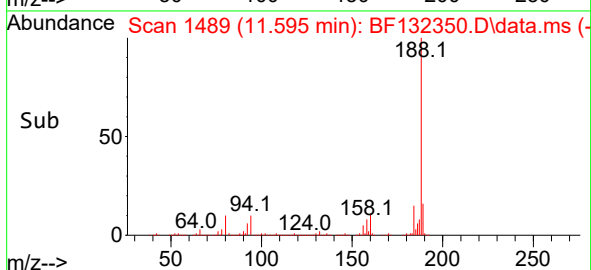
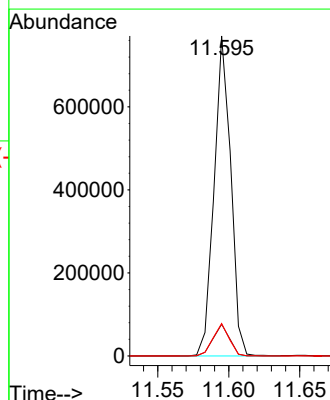
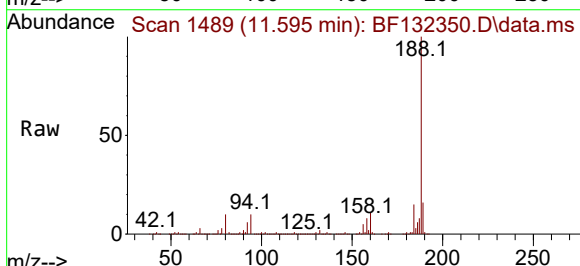
Tgt Ion: 188 Resp: 626821

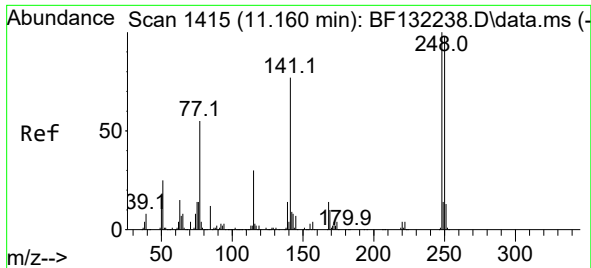
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.2 8.3 12.5

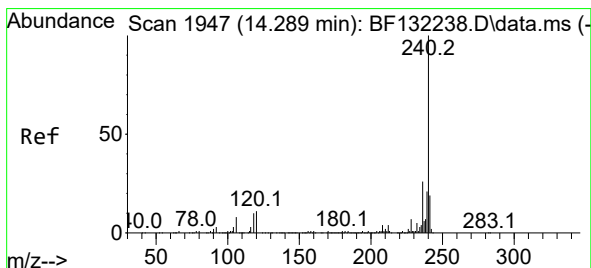
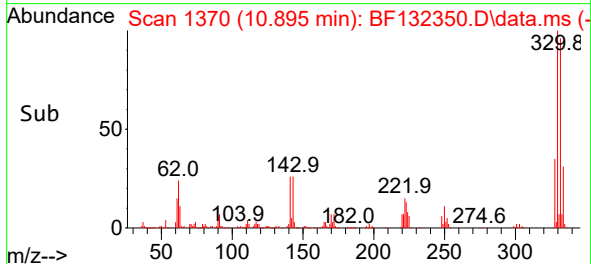
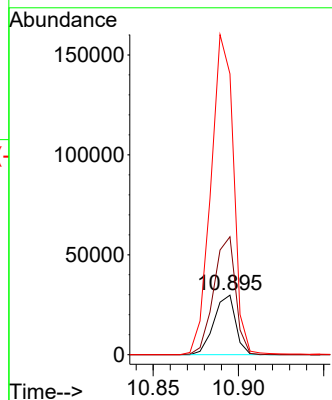
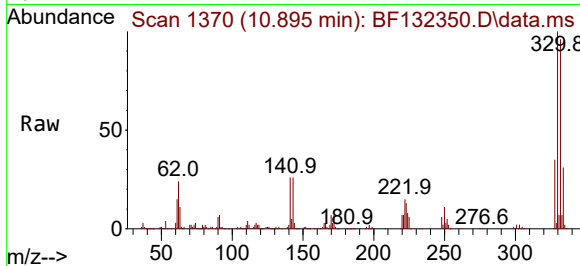




#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 10.895 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

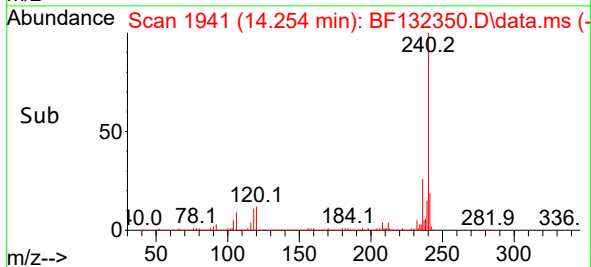
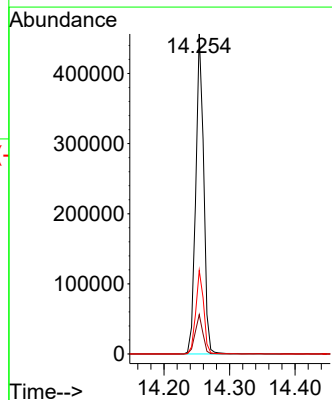
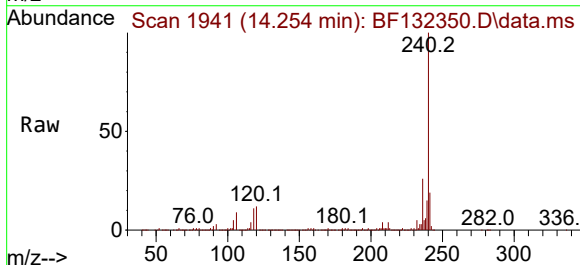
Instrument :
BNA_F
ClientSampleId :
A-1

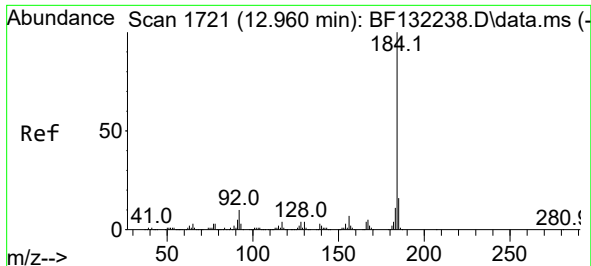
Tgt Ion:248 Resp: 26454
Ion Ratio Lower Upper
248 100
250 198.0 78.6 117.8#
141 471.4 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion:240 Resp: 384120
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 26.1 21.0 31.6

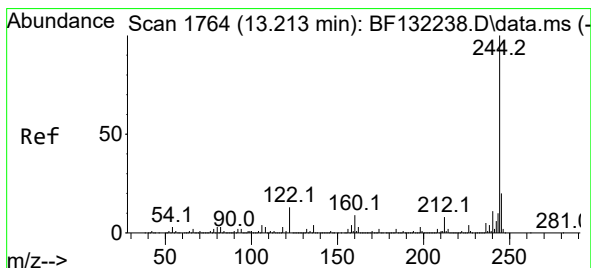
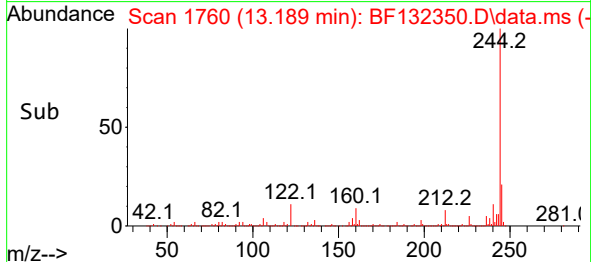
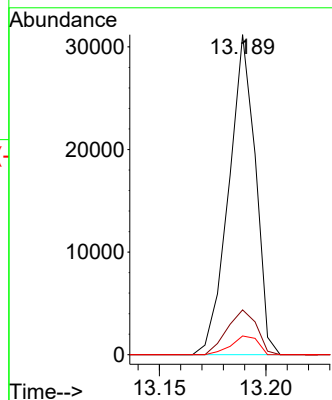
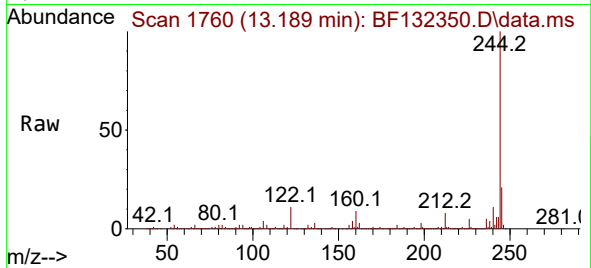




#77
Benzidine
Concen: 2.018 ng
RT: 13.189 min Scan# 1760
Delta R.T. 0.247 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

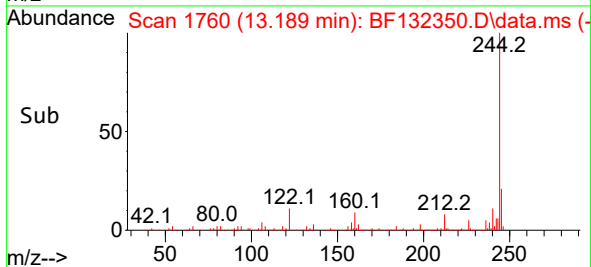
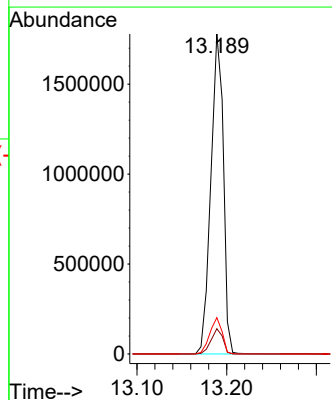
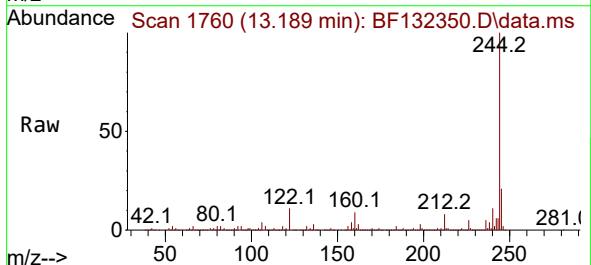
Instrument :
BNA_F
ClientSampleId :
A-1

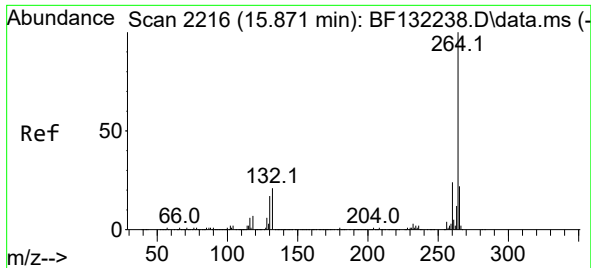
Tgt Ion:184 Resp: 27097
Ion Ratio Lower Upper
184 100
185 14.0 12.6 18.8
183 5.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 86.456 ng
RT: 13.189 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion:244 Resp: 1716783
Ion Ratio Lower Upper
244 100
212 7.9 6.4 9.6
122 11.4 10.5 15.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.830 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Instrument :
BNA_F
ClientSampleId :
A-1

Tgt Ion:264 Resp: 354080

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	20.9	17.4	26.2

