

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020623\
 Data File : BF132339.D
 Acq On : 06 Feb 2023 15:48
 Operator : CG\JU
 Sample : 01440-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Quant Time: Feb 07 04:08:37 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)

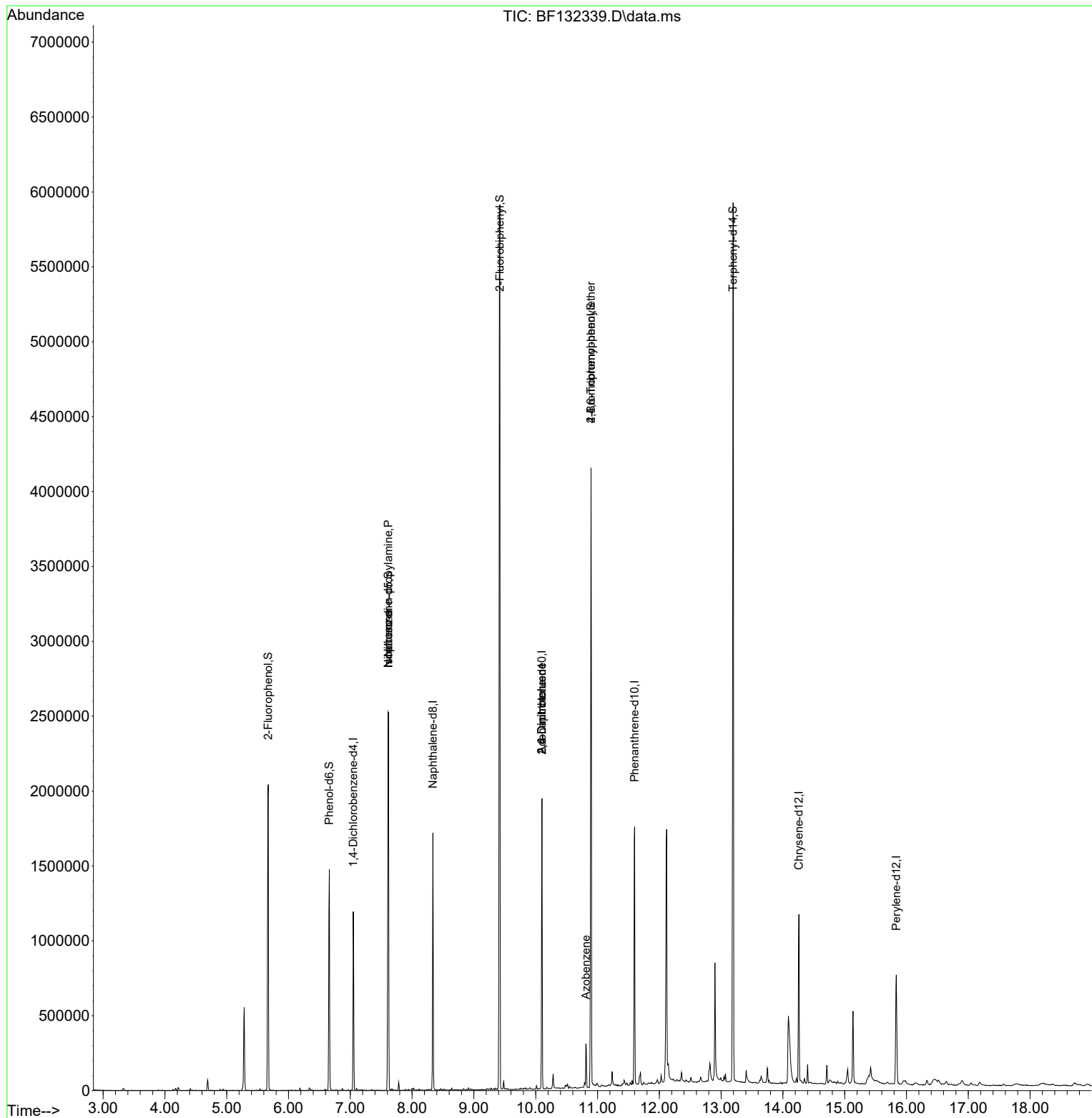
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	181974	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	700433	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	366457	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	660617	20.000	ng	0.00
76) Chrysene-d12	14.260	240	359205	20.000	ng	0.00
86) Perylene-d12	15.836	264	334393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	696273	61.503	ng	0.00
7) Phenol-d6	6.660	99	541735	38.814	ng	-0.01
23) Nitrobenzene-d5	7.613	82	1009094	80.169	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	567027	150.465	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1904904	80.273	ng	0.00
79) Terphenyl-d14	13.195	244	2063804	111.141	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.601	77	358	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	7.613	70	126130	15.909	ng	# 77
25) Isophorone	7.613	82	1009067	42.238	ng	# 64
51) 2,6-Dinitrotoluene	10.101	165	46993	8.208	ng	# 24
57) 2,4-Dinitrotoluene	10.101	165	46993	6.319	ng	# 23
63) Azobenzene	10.813	77	49871	2.008	ng	# 1
67) 4-Bromophenyl-phenylether	10.895	248	32272	4.771	ng	# 1

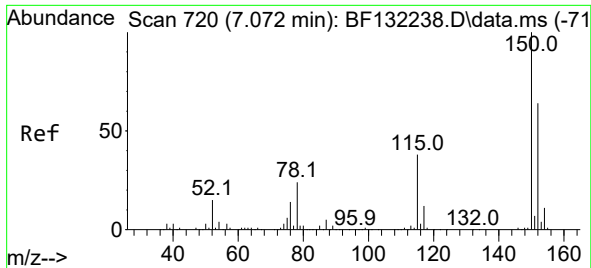
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

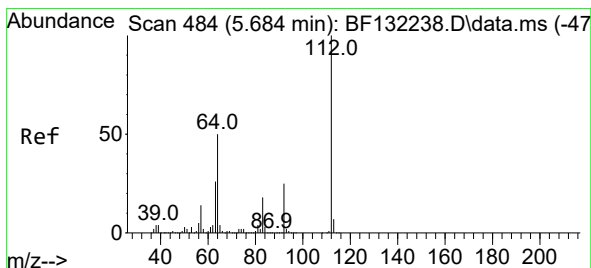
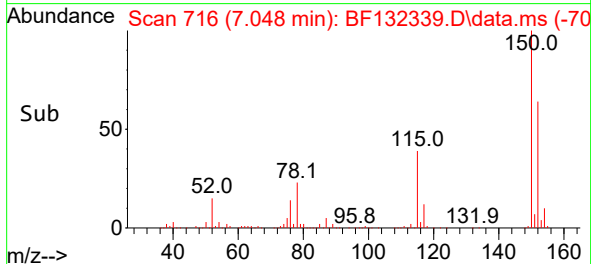
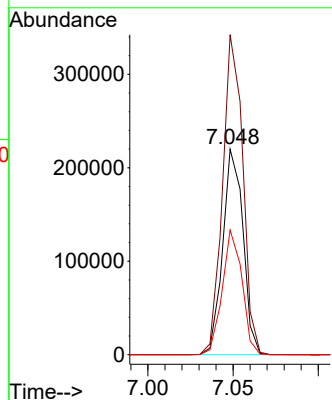
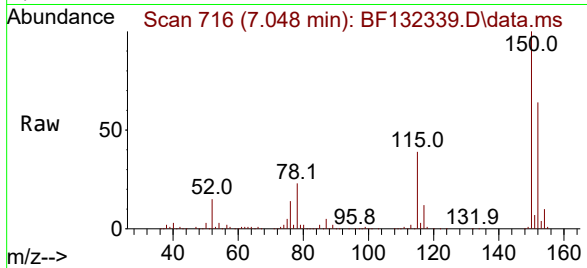




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

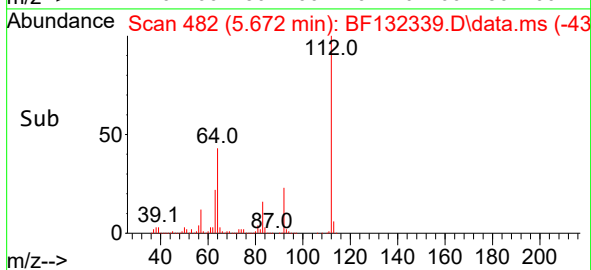
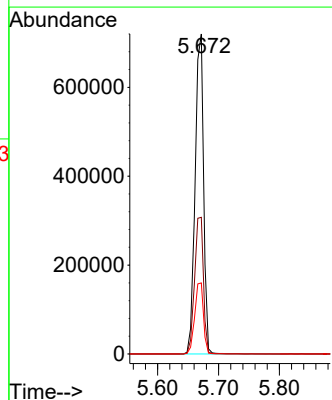
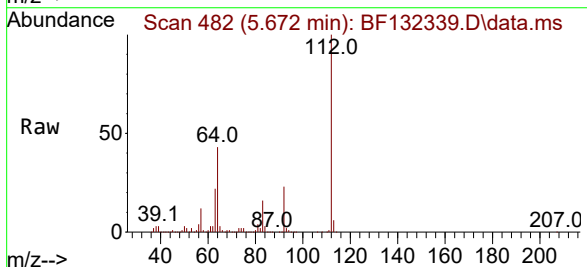
Instrument :
BNA_F
ClientSampleId :
MH-1

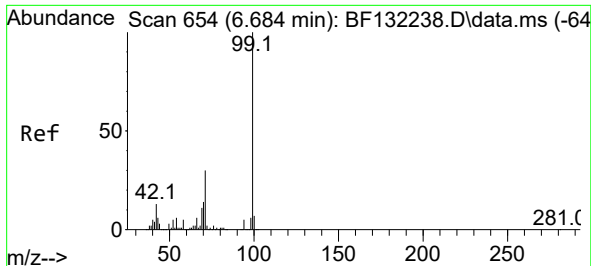
Tgt Ion:152 Resp: 181974
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 60.6 47.3 70.9



#5
2-Fluorophenol
Concen: 61.503 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion:112 Resp: 696273
Ion Ratio Lower Upper
112 100
64 42.7 40.0 60.0
63 22.2 20.5 30.7

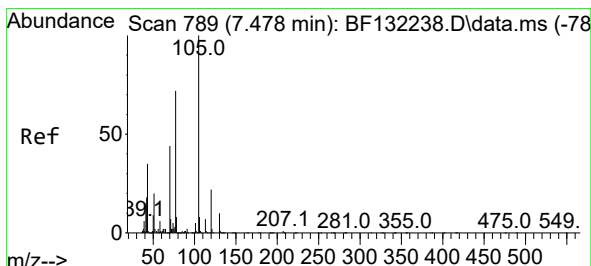
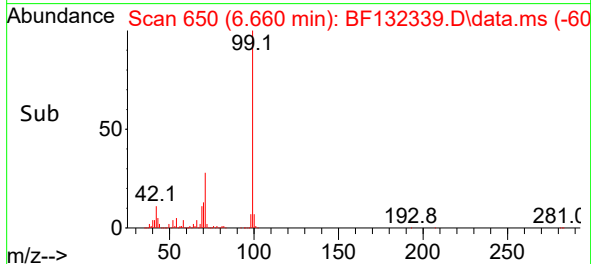
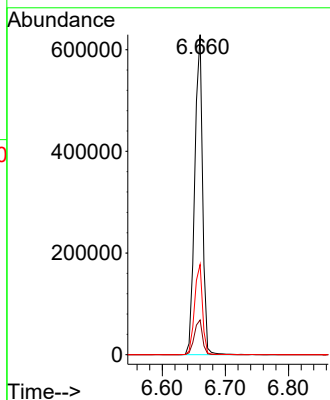
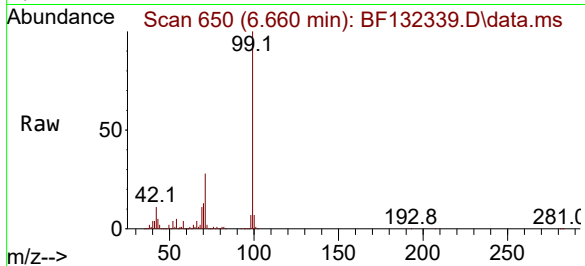




#7
Phenol-d6
Concen: 38.814 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

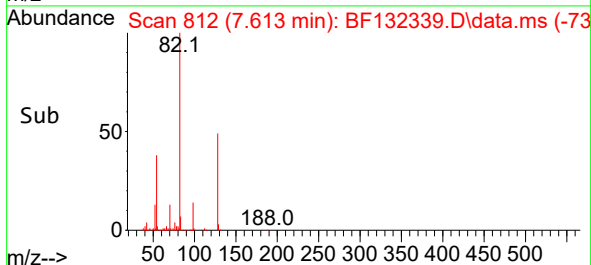
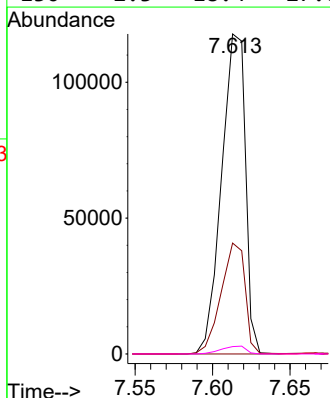
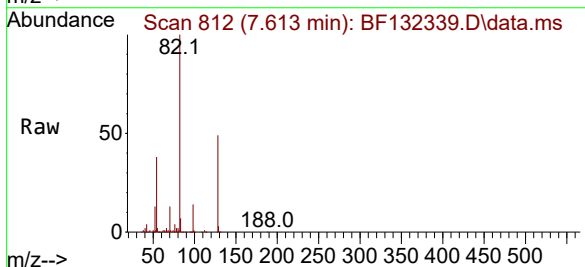
Instrument :
BNA_F
ClientSampleId :
MH-1

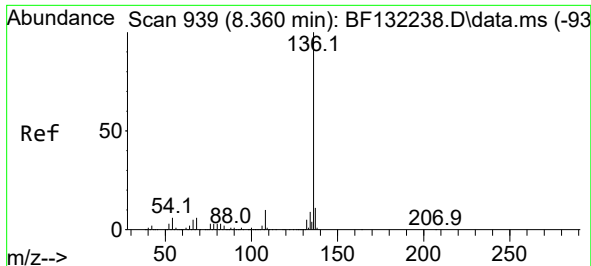
Tgt Ion: 99 Resp: 541735
Ion Ratio Lower Upper
99 100
42 10.8 10.1 15.1
71 28.2 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.909 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion: 70 Resp: 126130
Ion Ratio Lower Upper
70 100
42 34.6 33.4 50.0
101 0.0 8.2 12.4#
130 2.3 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: BF132339.D

Acq: 06 Feb 2023 15:48

Instrument :

BNA_F

ClientSampleId :

MH-1

Tgt Ion:136 Resp: 700433

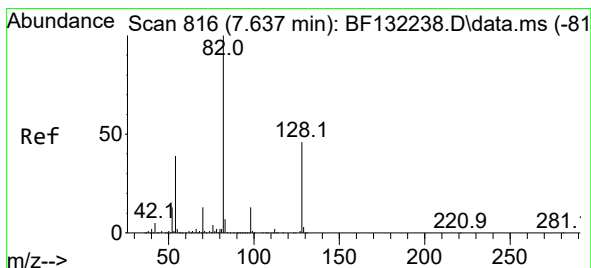
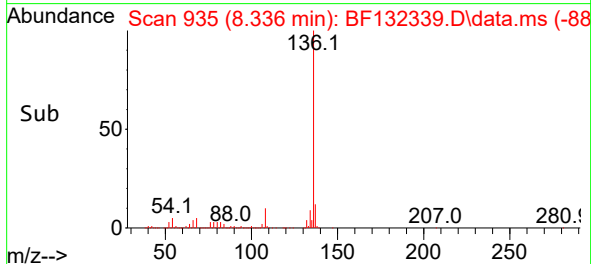
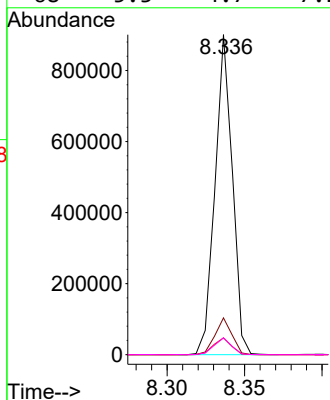
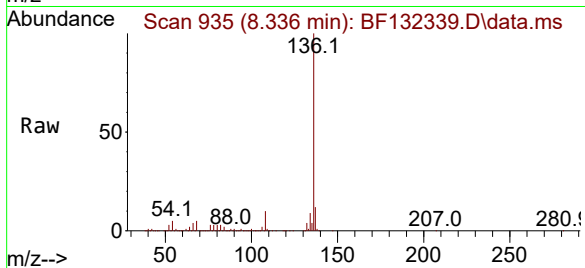
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 5.2 4.9 7.3

68 5.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 80.169 ng

RT: 7.613 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF132339.D

Acq: 06 Feb 2023 15:48

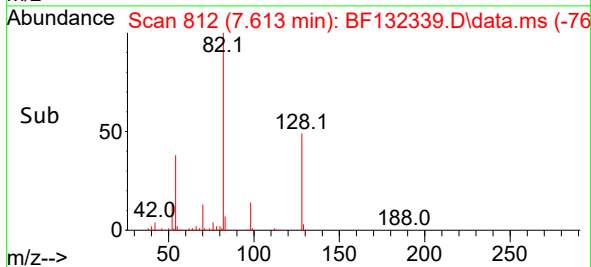
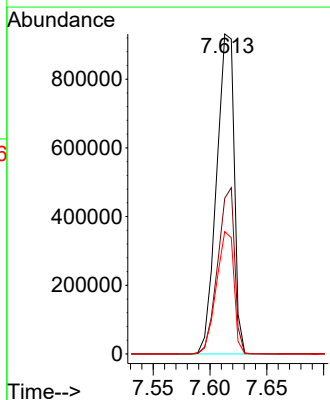
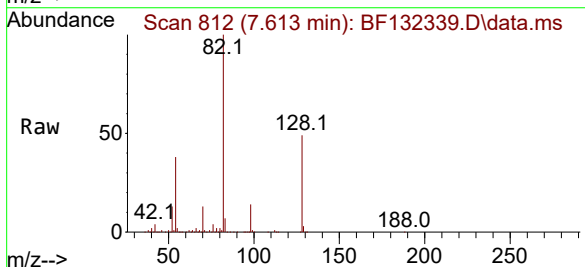
Tgt Ion: 82 Resp: 1009094

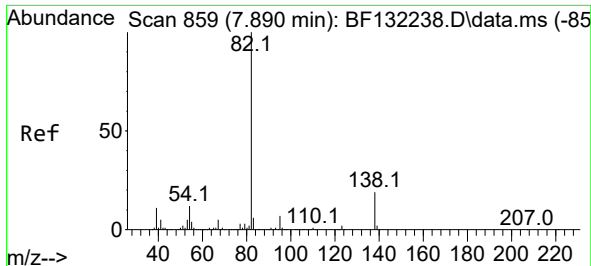
Ion Ratio Lower Upper

82 100

128 48.7 37.0 55.4

54 38.2 31.5 47.3

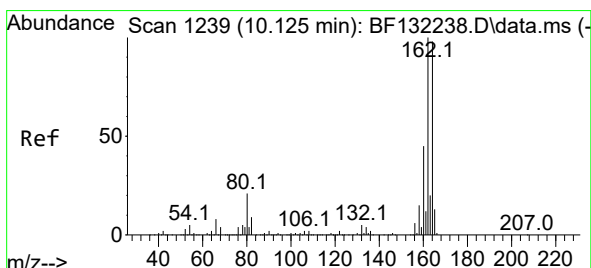
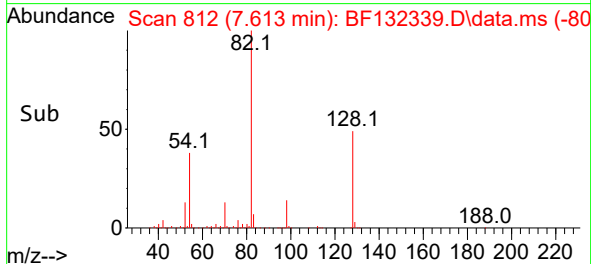
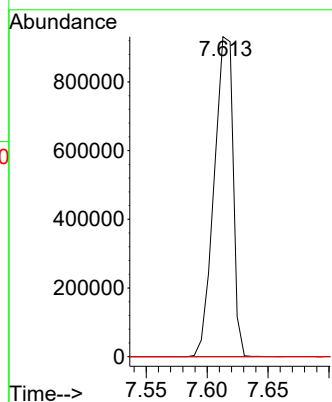
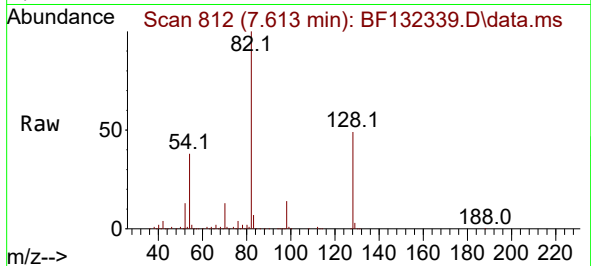




#25
Isophorone
Concen: 42.238 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

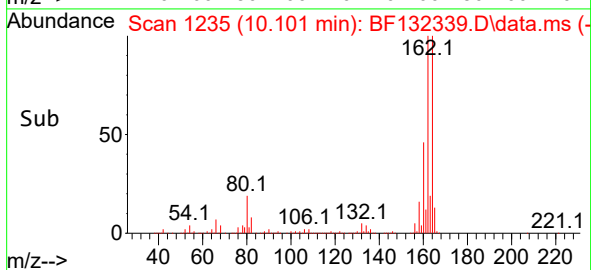
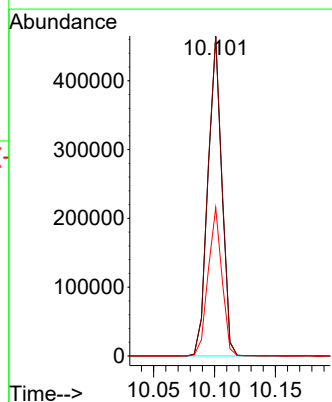
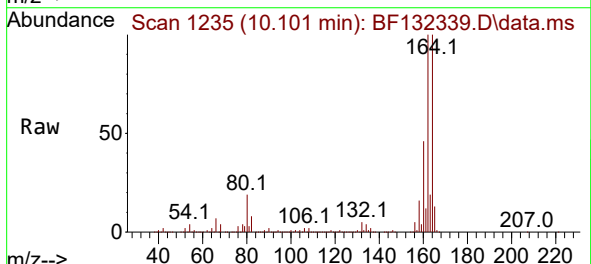
Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion: 82 Resp: 1009067
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: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion:164 Resp: 366457
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 46.5 37.1 55.7

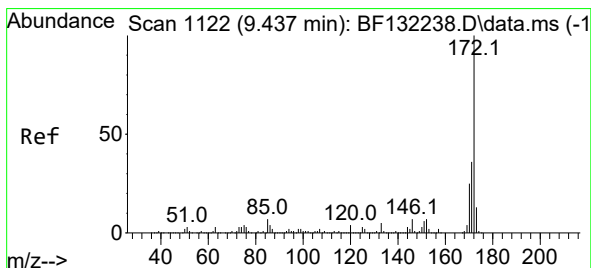
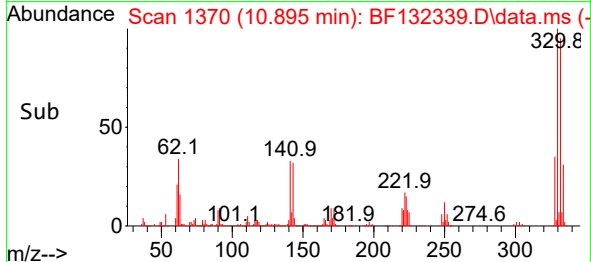
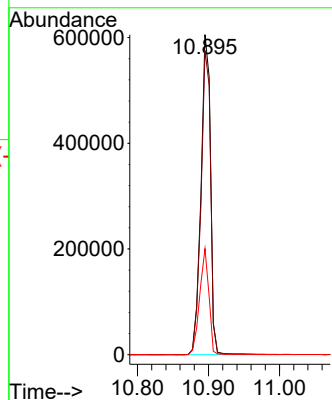
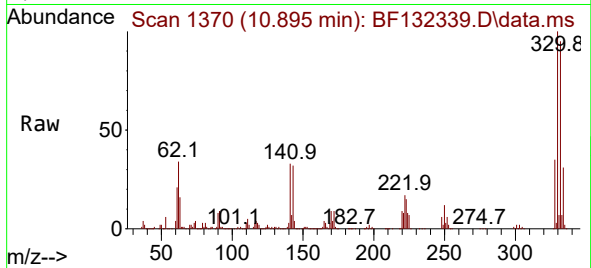




#42
2,4,6-Tribromophenol
Concen: 150.465 ng
RT: 10.895 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

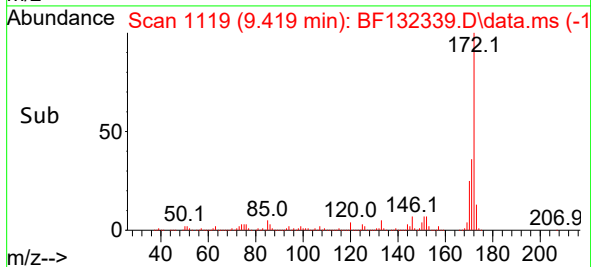
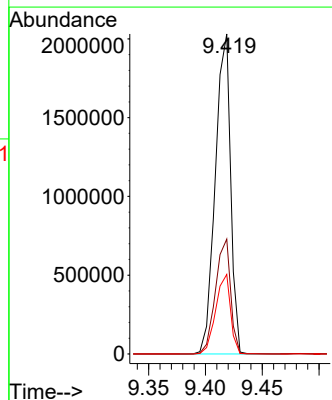
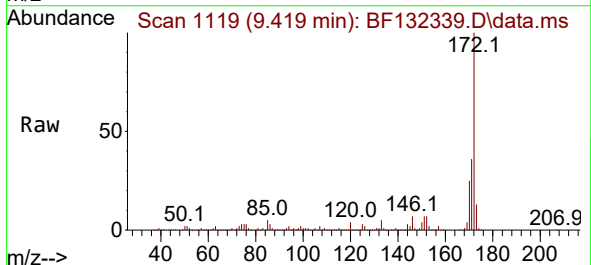
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BNA_F
ClientSampleId :
MH-1

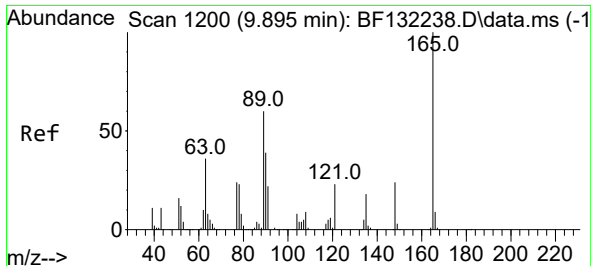
Tgt Ion:330 Resp: 567027
Ion Ratio Lower Upper
330 100
332 95.8 77.9 116.9
141 32.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 80.273 ng
RT: 9.419 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion:172 Resp: 1904904
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.8 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 8.208 ng

RT: 10.101 min Scan# 1235

Delta R.T. 0.217 min

Lab File: BF132339.D

Acq: 06 Feb 2023 15:48

Instrument :

BNA_F

ClientSampleId :

MH-1

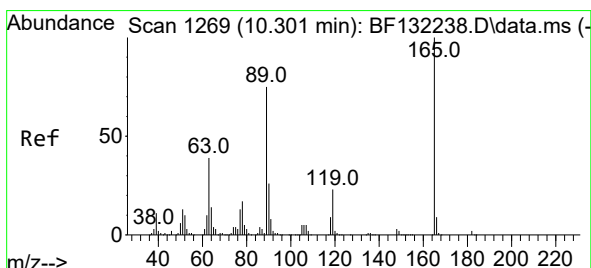
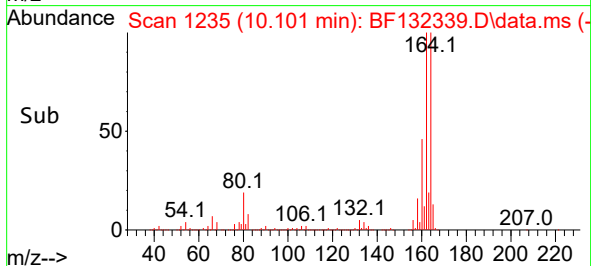
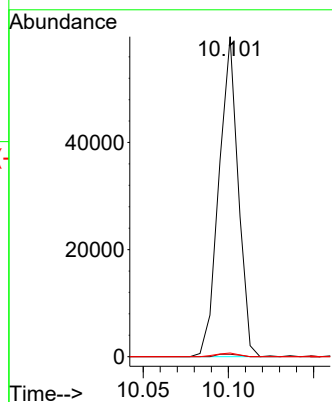
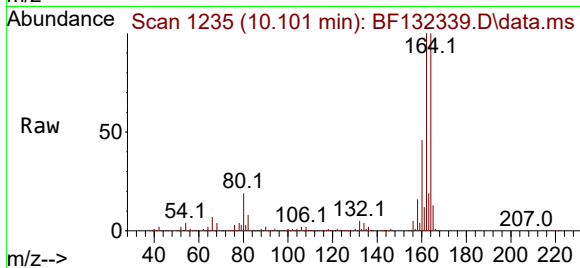
Tgt Ion:165 Resp: 46993

Ion Ratio Lower Upper

165 100

63 0.8 41.5 62.3#

89 1.1 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.319 ng

RT: 10.101 min Scan# 1235

Delta R.T. -0.183 min

Lab File: BF132339.D

Acq: 06 Feb 2023 15:48

Tgt Ion:165 Resp: 46993

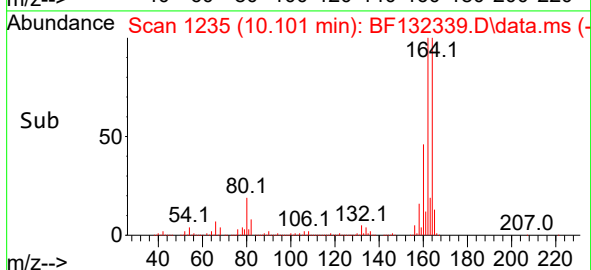
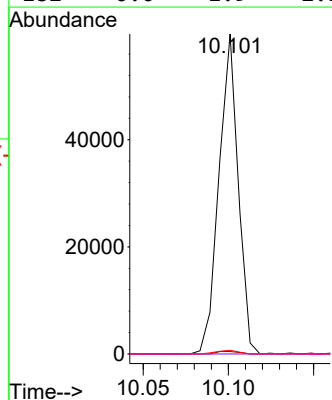
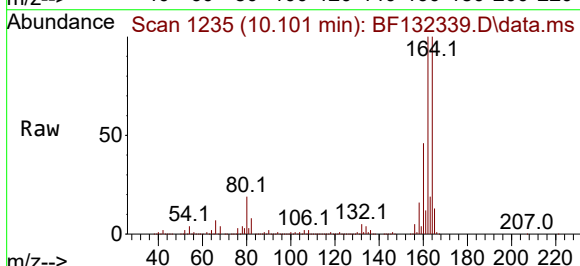
Ion Ratio Lower Upper

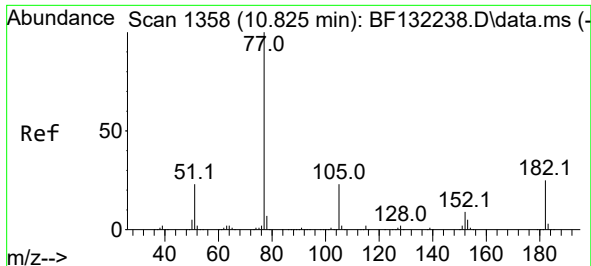
165 100

63 0.8 30.9 46.3#

89 1.1 60.1 90.1#

182 0.0 1.9 2.9#

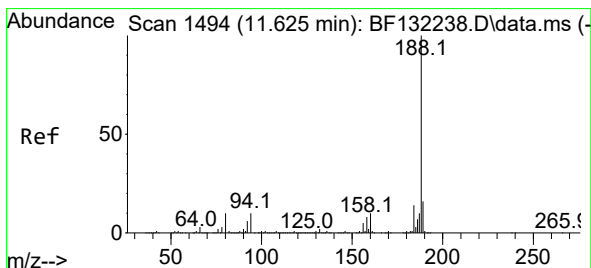
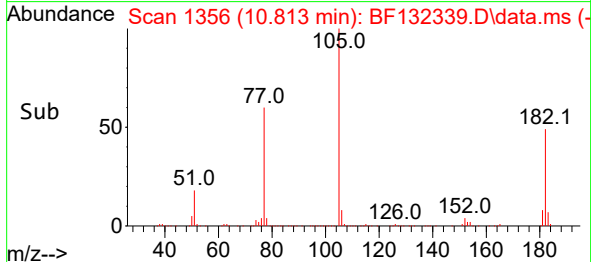
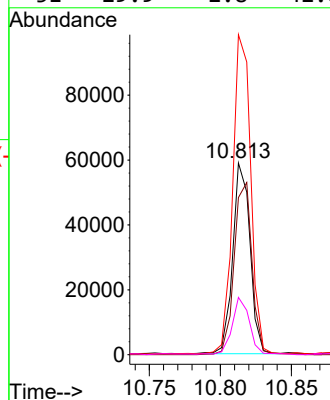
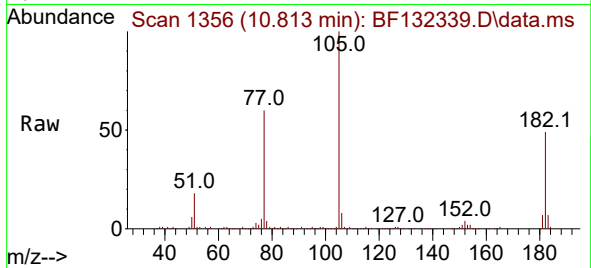




#63
Azobenzene
Concen: 2.008 ng
RT: 10.813 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

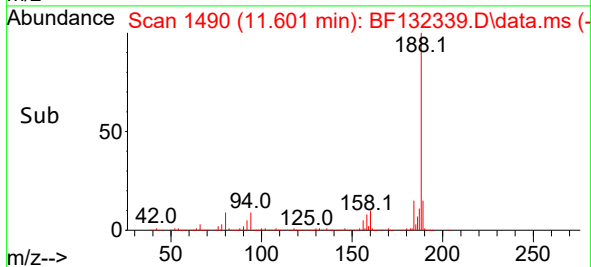
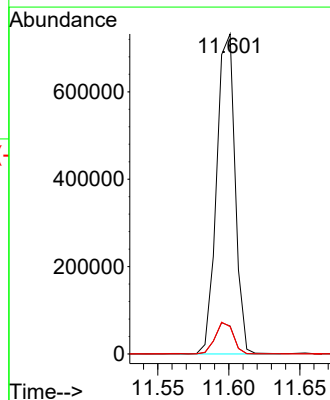
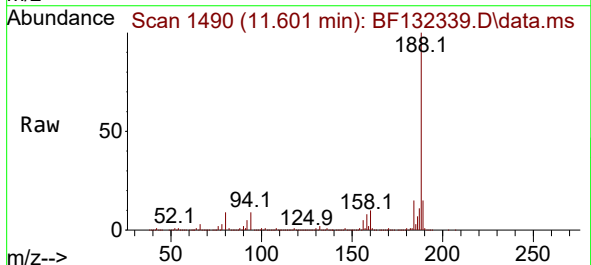
Instrument :
BNA_F
ClientSampleId :
MH-1

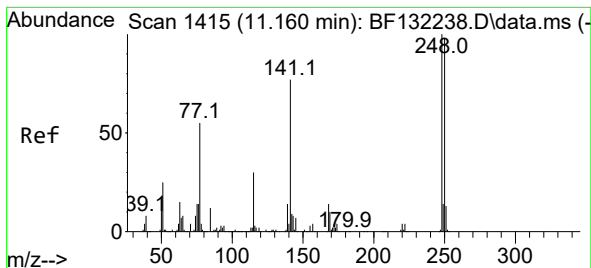
Tgt Ion: 77 Resp: 49871
Ion Ratio Lower Upper
77 100
182 82.0 4.5 44.5#
105 167.0 2.7 42.7#
51 29.9 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.601 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion: 188 Resp: 660617
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 8.5 8.3 12.5

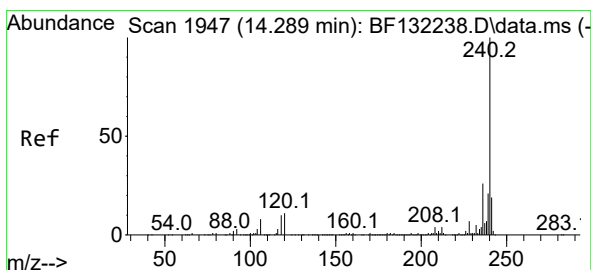
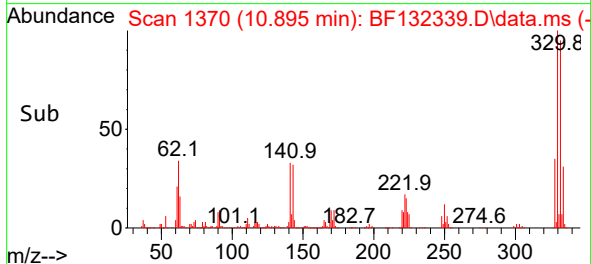
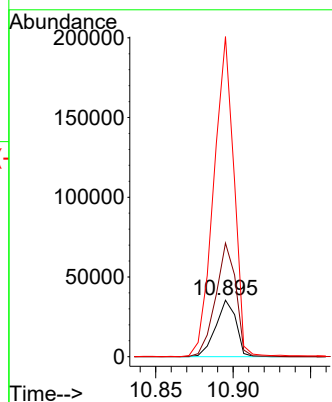
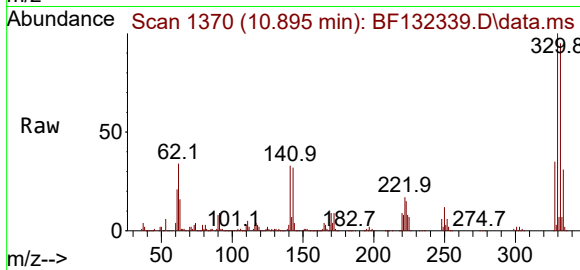




#67
4-Bromophenyl-phenylether
Concen: 4.771 ng
RT: 10.895 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

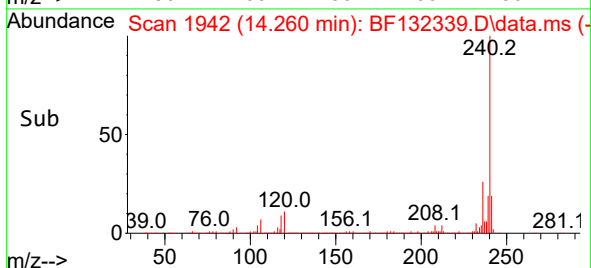
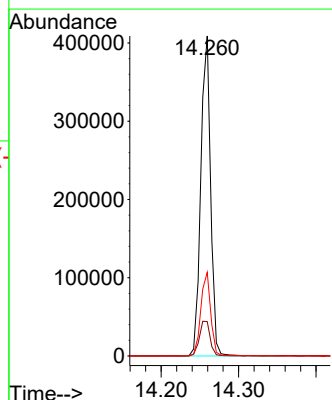
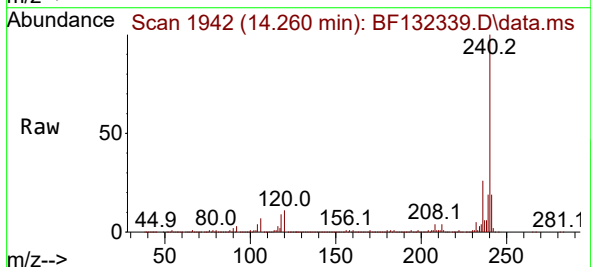
Instrument :
BNA_F
ClientSampleId :
MH-1

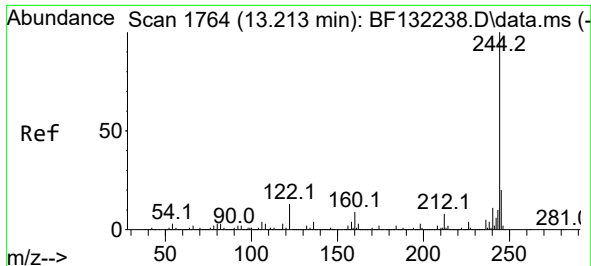
Tgt Ion:248 Resp: 32272
Ion Ratio Lower Upper
248 100
250 201.2 78.6 117.8#
141 566.6 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion:240 Resp: 359205
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.2 21.0 31.6

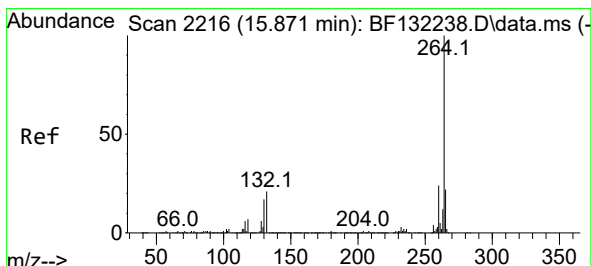
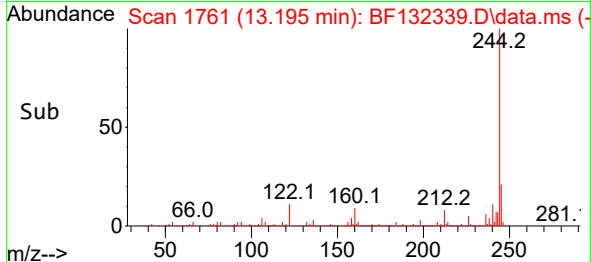
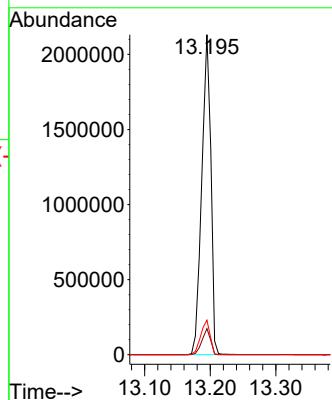
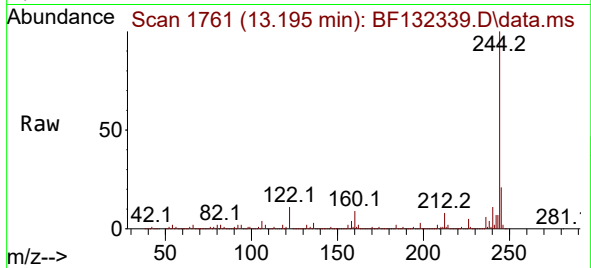




#79
 Terphenyl-d14
 Concen: 111.141 ng
 RT: 13.195 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF132339.D
 Acq: 06 Feb 2023 15:48

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Tgt Ion:244 Resp: 2063804
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 10.8 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.836 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: BF132339.D
 Acq: 06 Feb 2023 15:48

Tgt Ion:264 Resp: 334393
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 22.2 17.4 26.2

