

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132384.D
 Acq On : 09 Feb 2023 18:08
 Operator : CG\JU
 Sample : 01508-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-2

Quant Time: Feb 10 01:01:10 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)

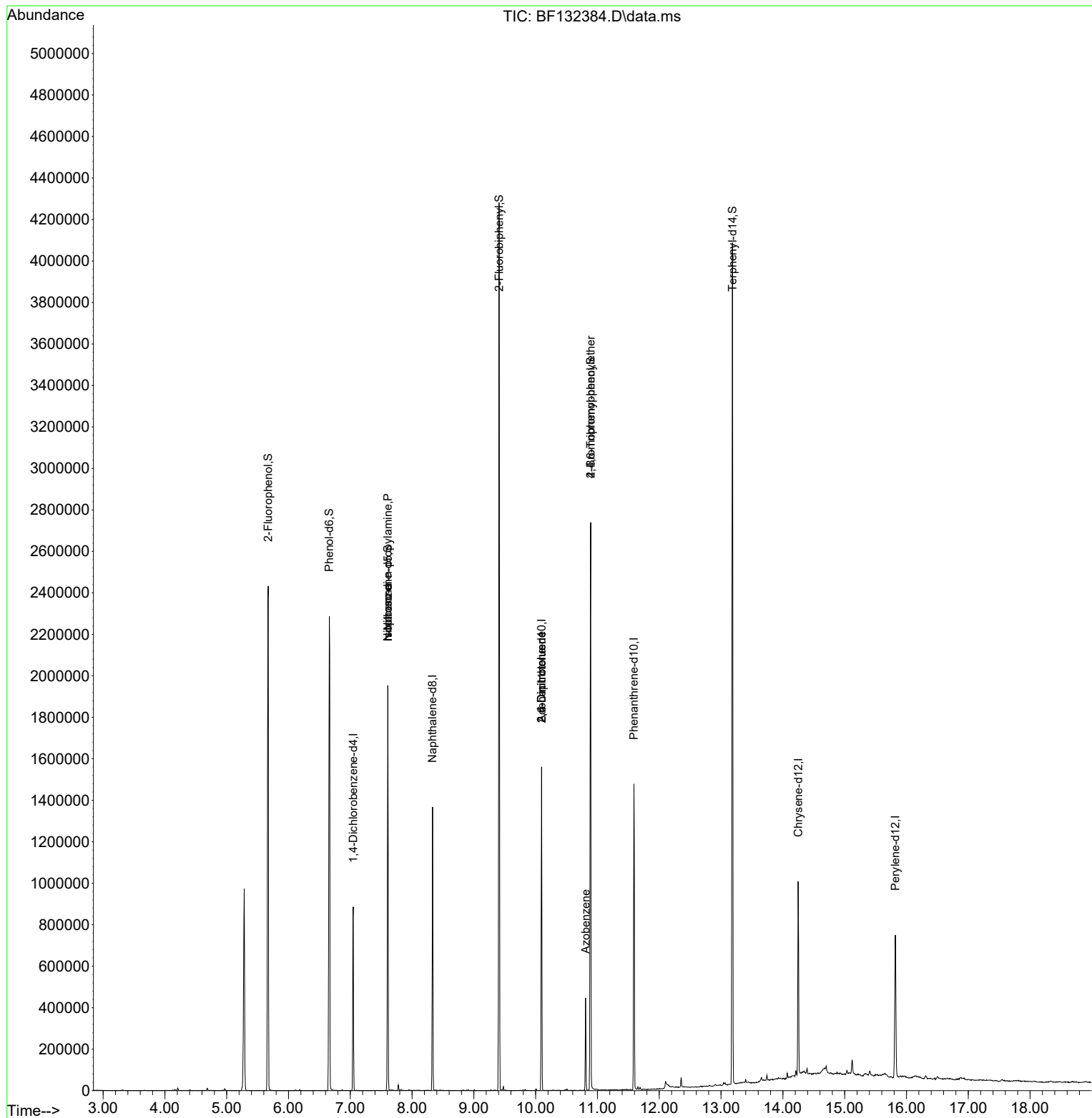
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	144160	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	548829	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	291877	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	536806	20.000	ng	0.00
76) Chrysene-d12	14.248	240	296639	20.000	ng	0.00
86) Perylene-d12	15.819	264	329633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	854874	95.319	ng	0.01
7) Phenol-d6	6.660	99	1034424	93.554	ng	0.00
23) Nitrobenzene-d5	7.607	82	620886	62.953	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	363631	121.148	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1238644	65.534	ng	0.00
79) Terphenyl-d14	13.183	244	1356524	88.460	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.601	77	136	Below Cal	#	31
19) n-Nitroso-di-n-propyla...	7.607	70	76261	12.142	ng	# 76
25) Isophorone	7.607	82	620879	33.168	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	37126	8.142	ng	# 24
57) 2,4-Dinitrotoluene	10.095	165	37126	6.268	ng	# 23
63) Azobenzene	10.807	77	65472	3.309	ng	# 1
67) 4-Bromophenyl-phenylether	10.889	248	20591	3.746	ng	# 1

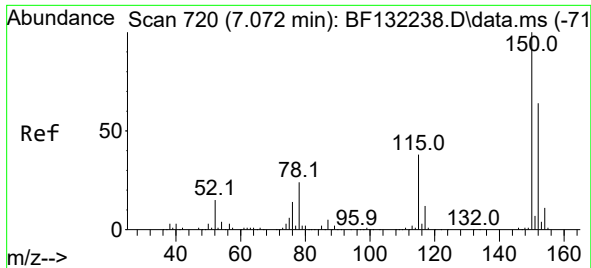
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
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Quant Time: Feb 10 01:01:10 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

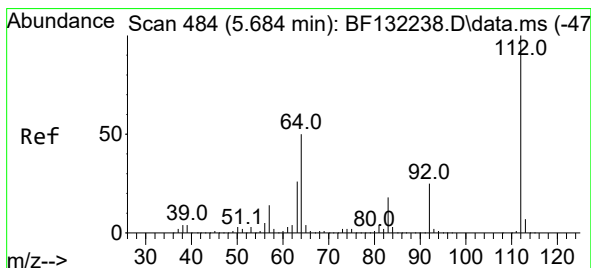
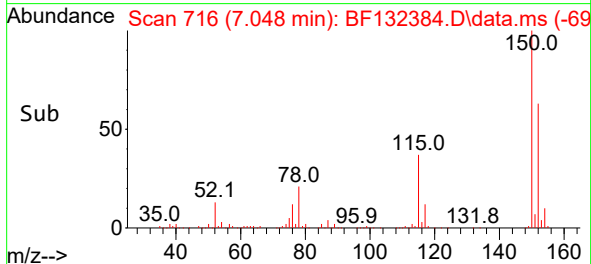
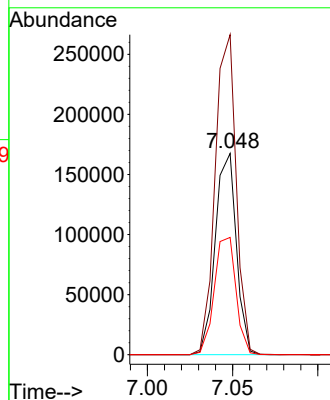
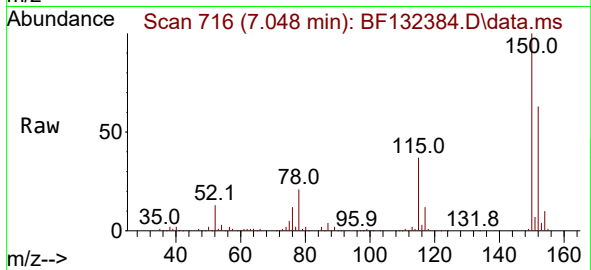




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

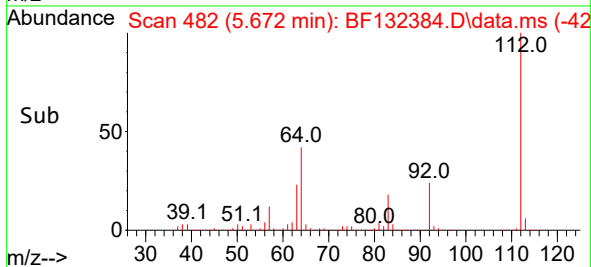
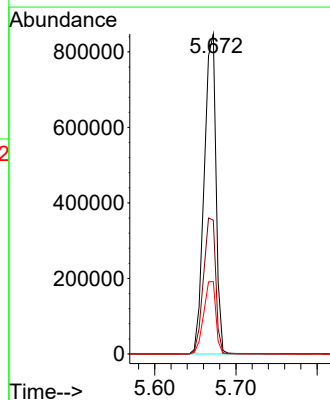
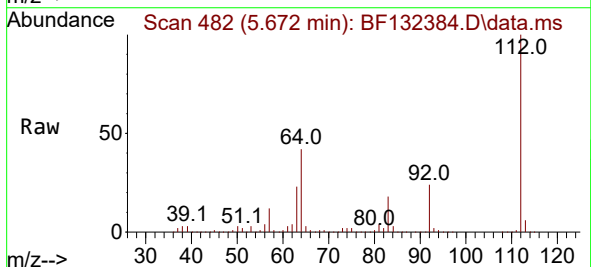
Instrument :
BNA_F
ClientSampleId :
RS-2

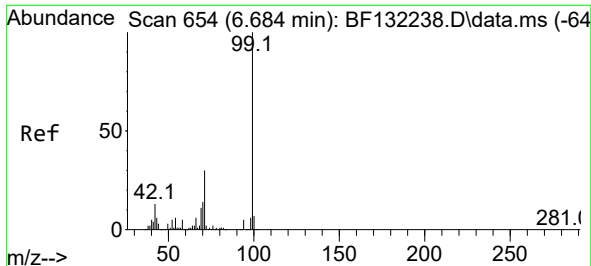
Tgt Ion:152 Resp: 144160
Ion Ratio Lower Upper
152 100
150 158.9 124.2 186.2
115 58.2 47.3 70.9



#5
2-Fluorophenol
Concen: 95.319 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.012 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

Tgt Ion:112 Resp: 854874
Ion Ratio Lower Upper
112 100
64 41.8 40.0 60.0
63 22.6 20.5 30.7

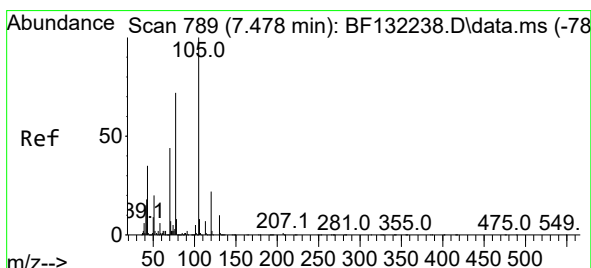
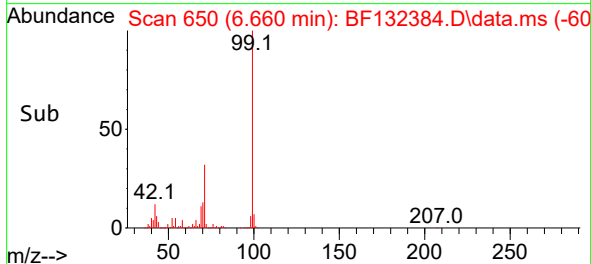
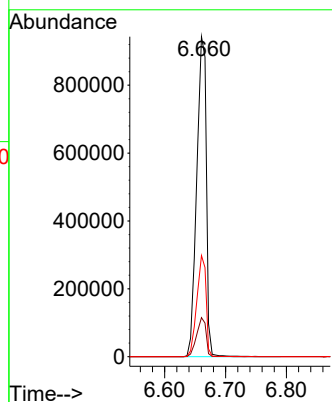
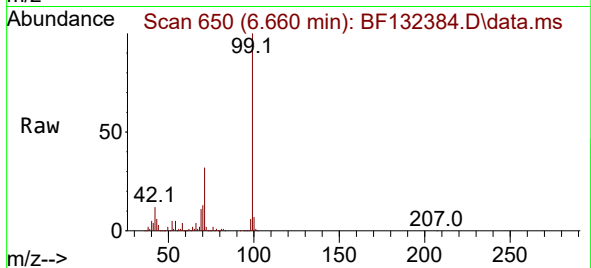




#7
Phenol-d6
Concen: 93.554 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

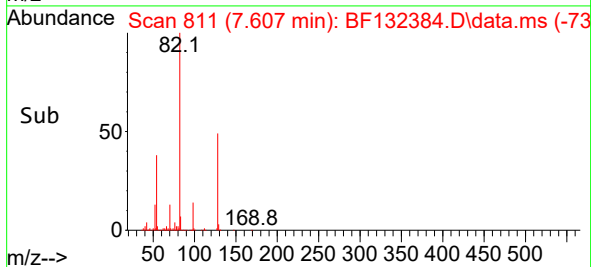
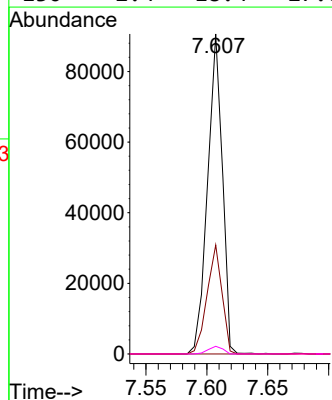
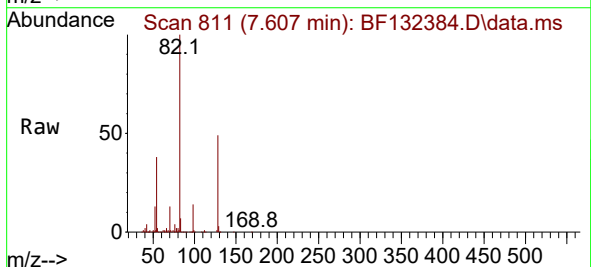
Instrument :
BNA_F
ClientSampleId :
RS-2

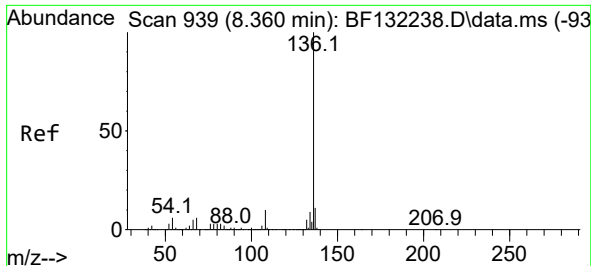
Tgt Ion: 99 Resp: 1034424
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 31.6 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.142 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.147 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

Tgt Ion: 70 Resp: 76261
Ion Ratio Lower Upper
70 100
42 34.1 33.4 50.0
101 0.0 8.2 12.4#
130 2.4 18.4 27.6#

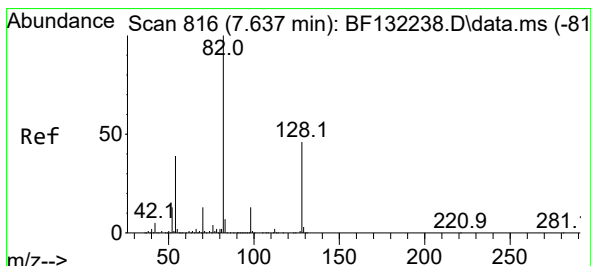
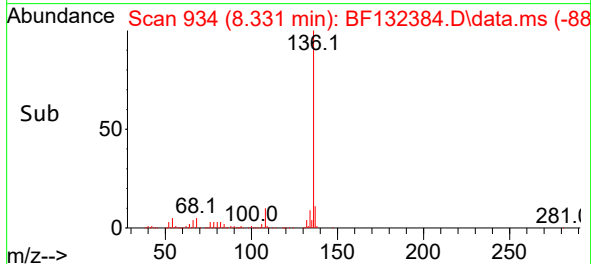
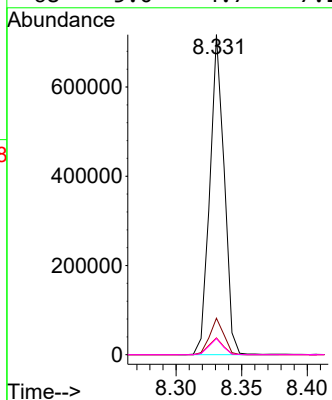
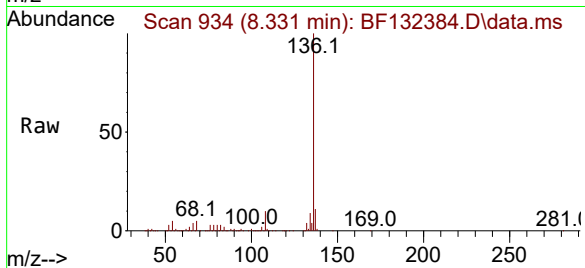




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

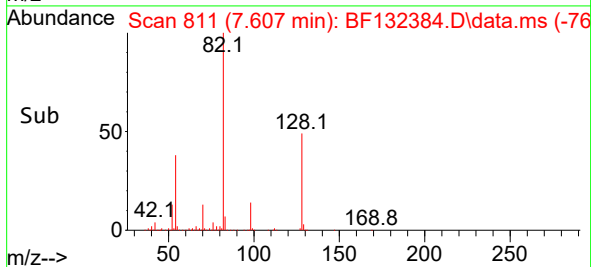
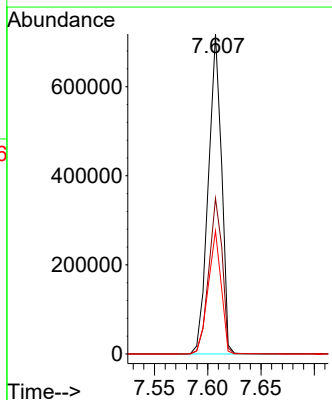
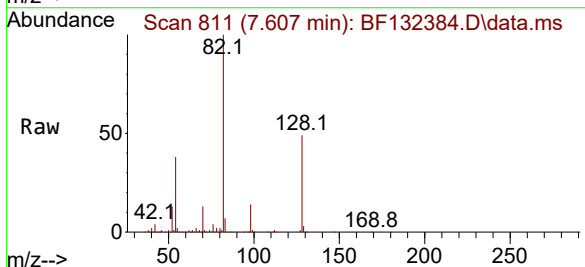
Instrument :
BNA_F
ClientSampleId :
RS-2

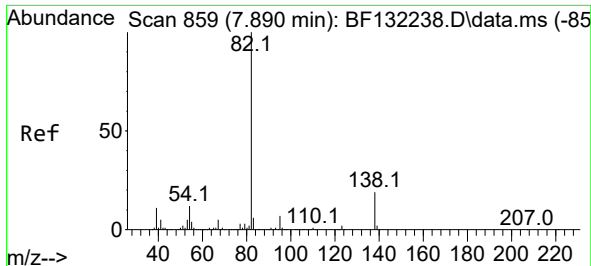
Tgt Ion:136 Resp: 548829
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.3 4.9 7.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 62.953 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

Tgt Ion: 82 Resp: 620886
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 38.5 31.5 47.3

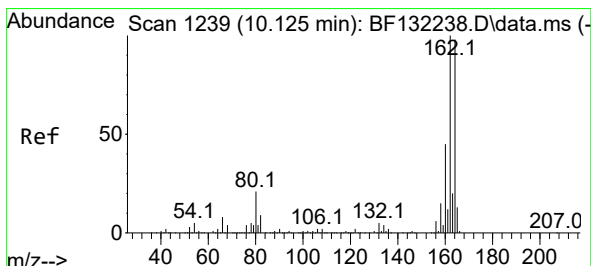
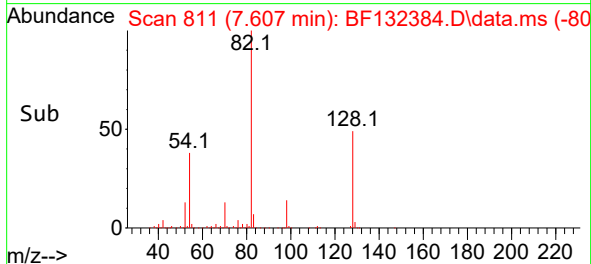
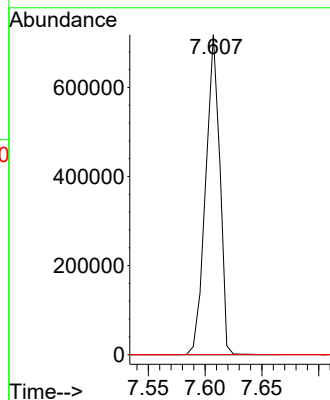
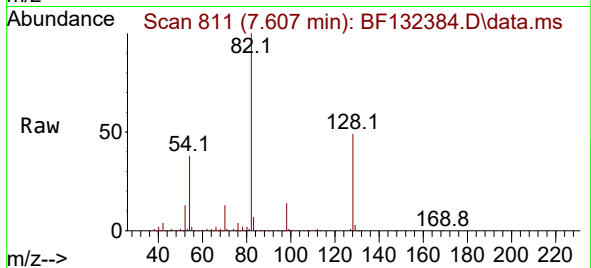




#25
Isophorone
Concen: 33.168 ng
RT: 7.607 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

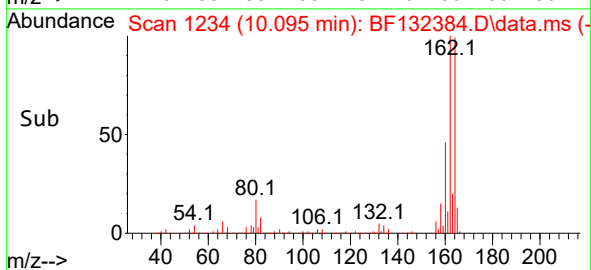
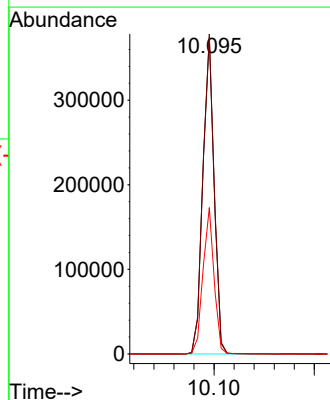
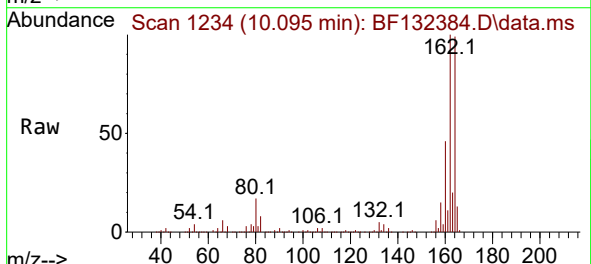
Instrument :
BNA_F
ClientSampleId :
RS-2

Tgt Ion: 82 Resp: 620879
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: BF132384.D
Acq: 09 Feb 2023 18:08

Tgt Ion:164 Resp: 291877
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 46.3 37.1 55.7

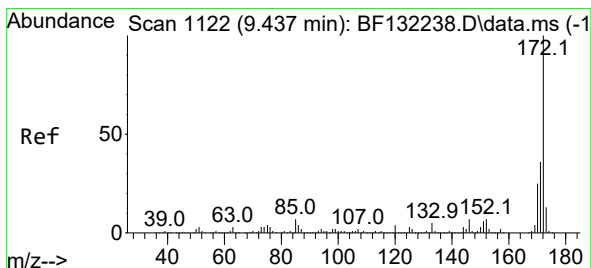
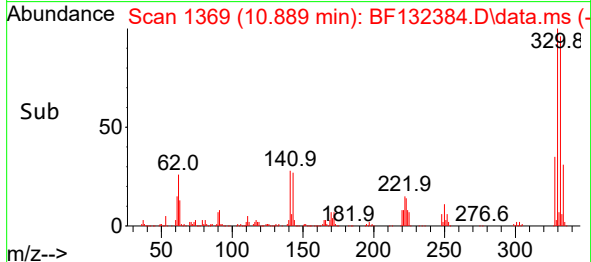
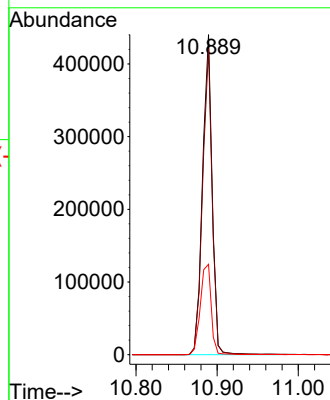
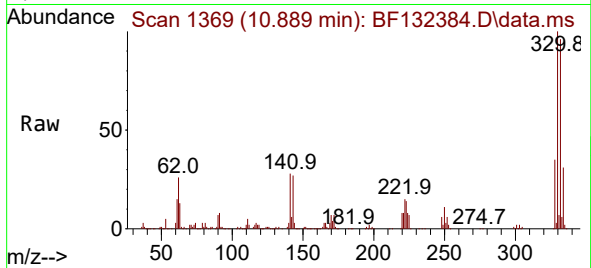




#42
2,4,6-Tribromophenol
Concen: 121.148 ng
RT: 10.889 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

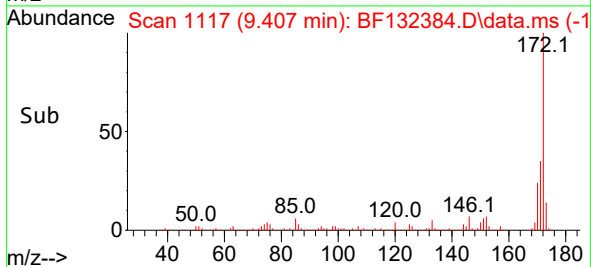
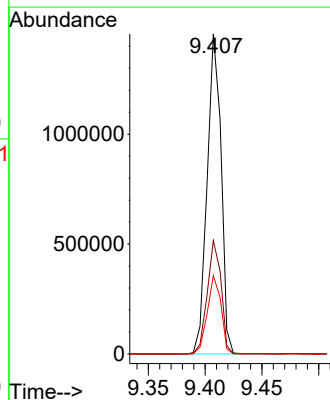
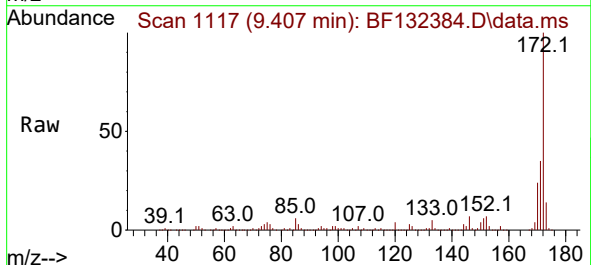
Instrument :
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ClientSampleId :
RS-2

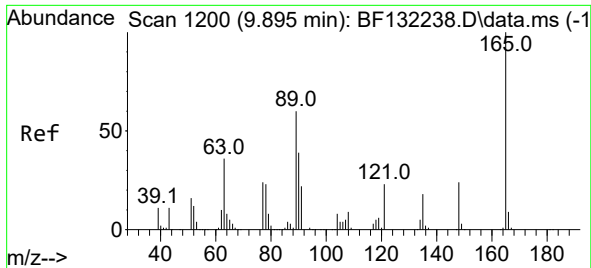
Tgt Ion:330 Resp: 363631
Ion Ratio Lower Upper
330 100
332 95.4 77.9 116.9
141 32.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 65.534 ng
RT: 9.407 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

Tgt Ion:172 Resp: 1238644
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.4 19.7 29.5

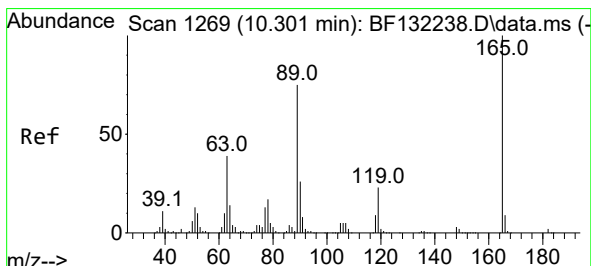
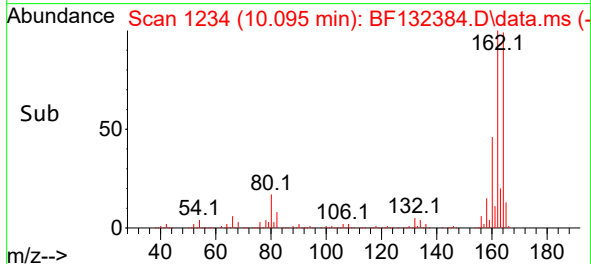
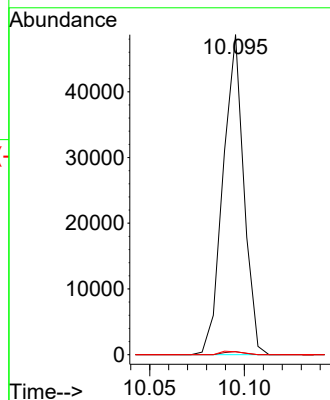
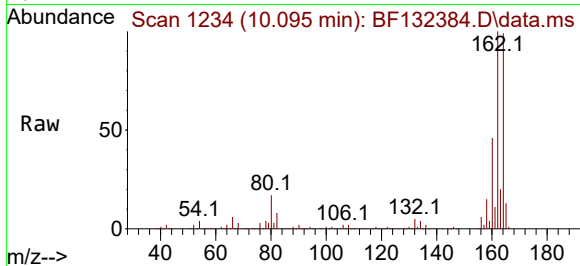




#51
2,6-Dinitrotoluene
Concen: 8.142 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

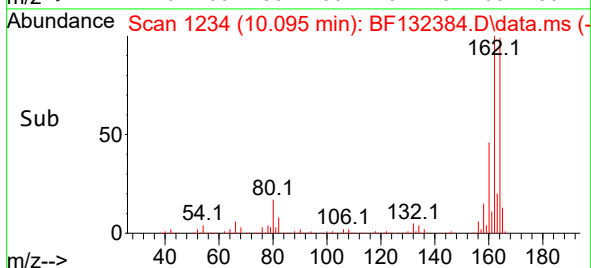
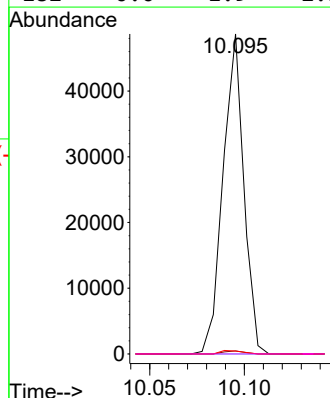
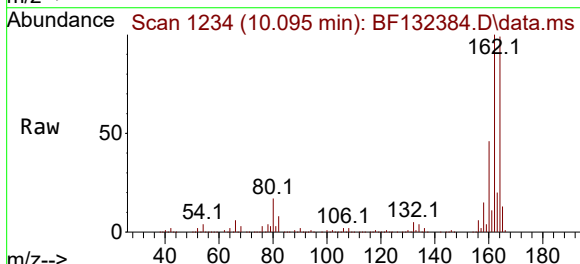
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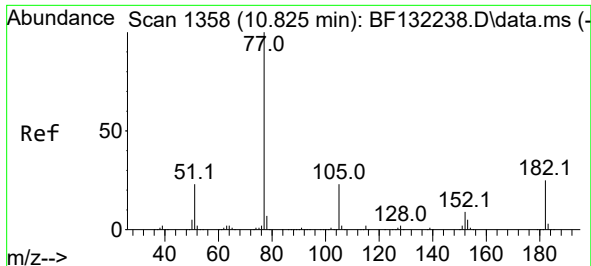
Tgt Ion:165 Resp: 37126
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 0.9 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.268 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132384.D
Acq: 09 Feb 2023 18:08

Tgt Ion:165 Resp: 37126
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 0.9 60.1 90.1#
182 0.0 1.9 2.9#

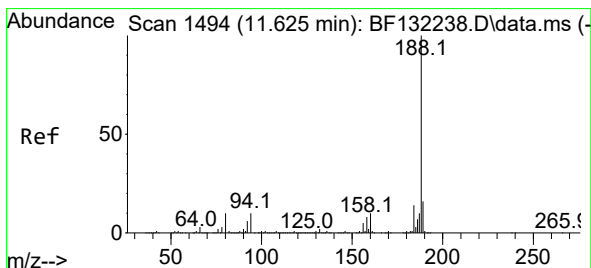
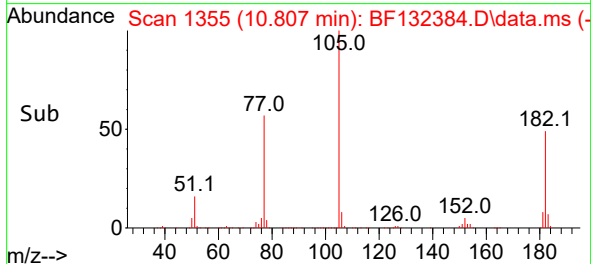
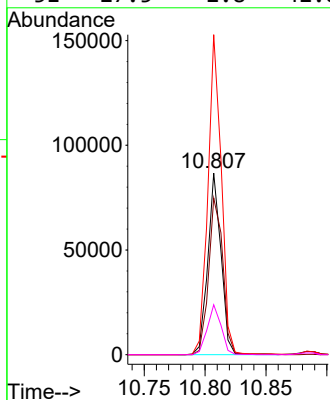
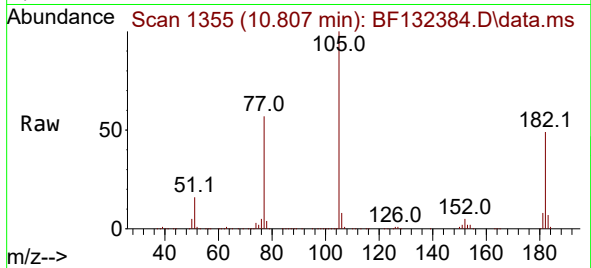




#63
 Azobenzene
 Concen: 3.309 ng
 RT: 10.807 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132384.D
 Acq: 09 Feb 2023 18:08

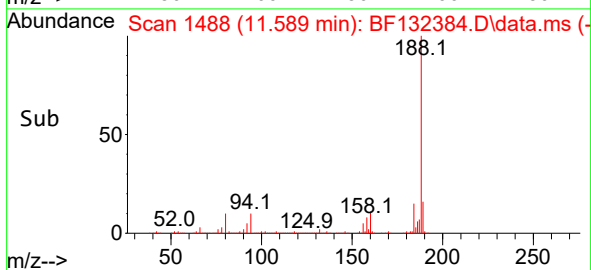
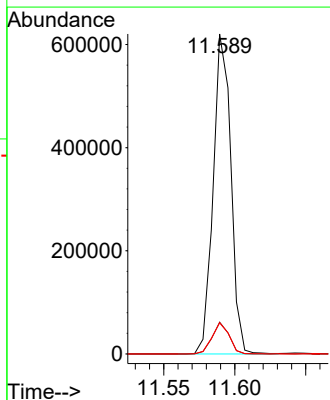
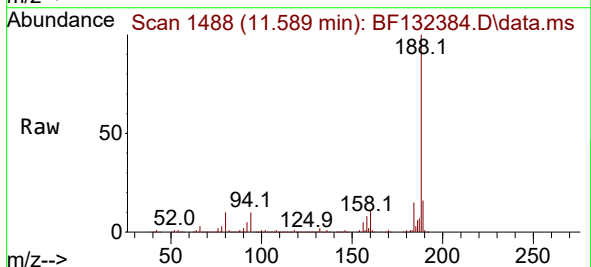
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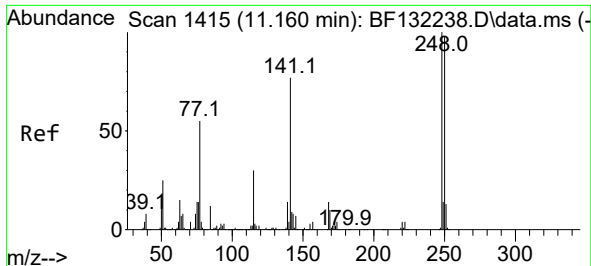
Tgt Ion: 77 Resp: 65472
 Ion Ratio Lower Upper
 77 100
 182 86.3 4.5 44.5#
 105 176.2 2.7 42.7#
 51 27.5 2.8 42.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.589 min Scan# 1488
 Delta R.T. -0.006 min
 Lab File: BF132384.D
 Acq: 09 Feb 2023 18:08

Tgt Ion: 188 Resp: 536806
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.2 12.2
 80 9.7 8.3 12.5





#67

4-Bromophenyl-phenylether

Concen: 3.746 ng

RT: 10.889 min Scan# 1

Delta R.T. -0.241 min

Lab File: BF132384.D

Acq: 09 Feb 2023 18:08

Instrument :

BNA_F

ClientSampleId :

RS-2

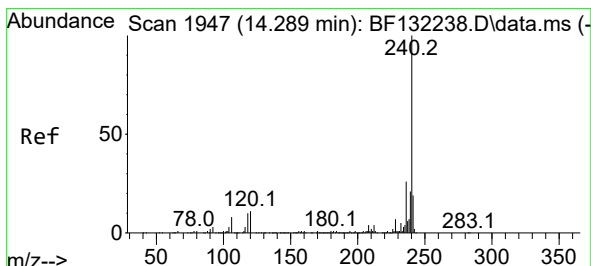
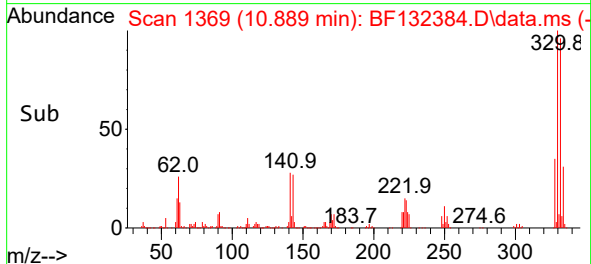
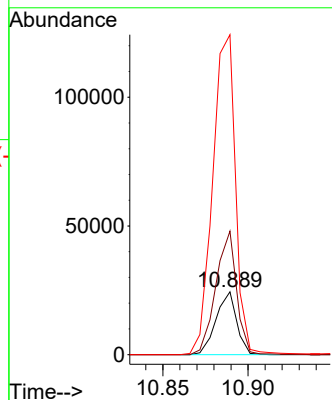
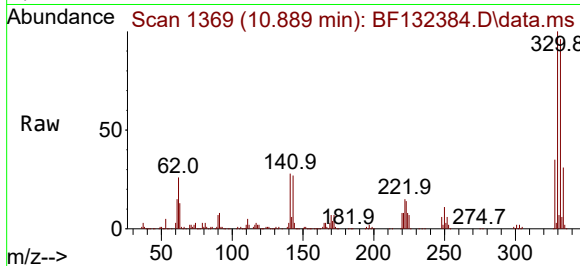
Tgt Ion:248 Resp: 20591

Ion Ratio Lower Upper

248 100

250 196.7 78.6 117.8#

141 509.2 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: BF132384.D

Acq: 09 Feb 2023 18:08

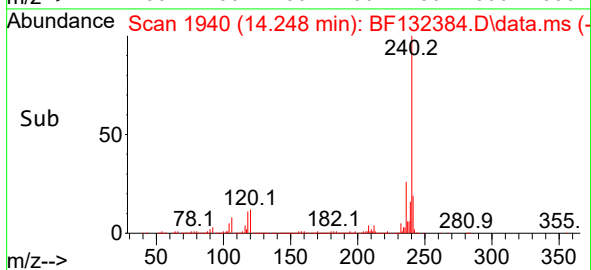
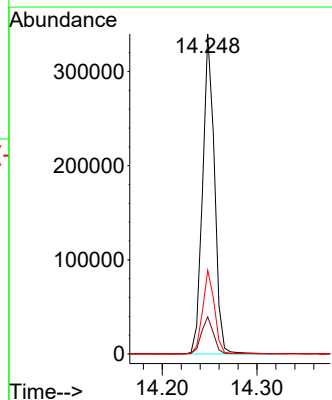
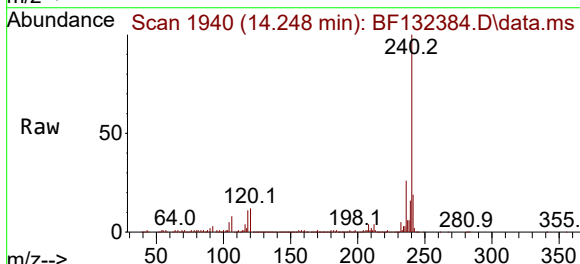
Tgt Ion:240 Resp: 296639

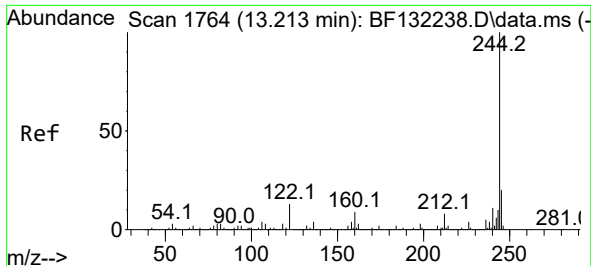
Ion Ratio Lower Upper

240 100

120 11.6 8.8 13.2

236 26.2 21.0 31.6

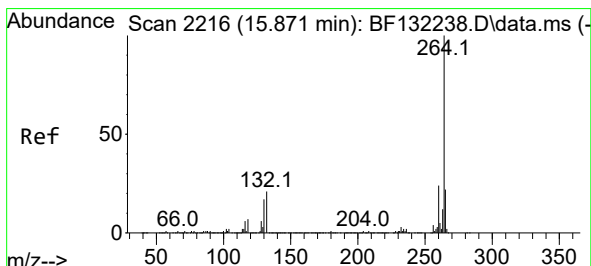
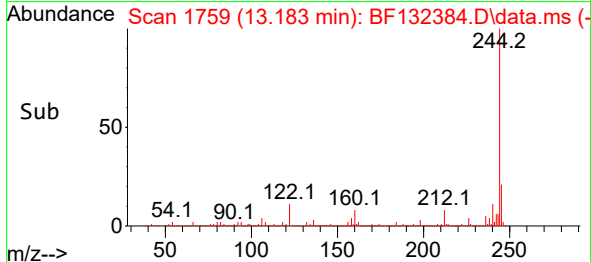
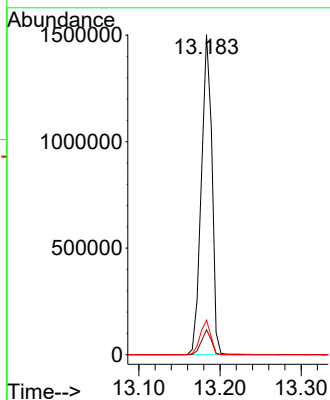
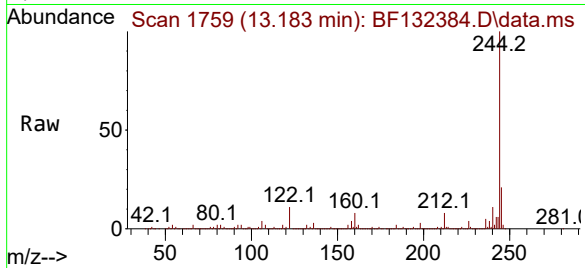




#79
 Terphenyl-d14
 Concen: 88.460 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132384.D
 Acq: 09 Feb 2023 18:08

Instrument :
 BNA_F
 ClientSampleId :
 RS-2

Tgt Ion:244 Resp: 1356524
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 10.8 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.819 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF132384.D
 Acq: 09 Feb 2023 18:08

Tgt Ion:264 Resp: 329633
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 22.3 17.4 26.2

