

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135012.D
 Acq On : 30 Aug 2023 19:07
 Operator : CG\JU
 Sample : 04152-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Aug 31 05:32:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

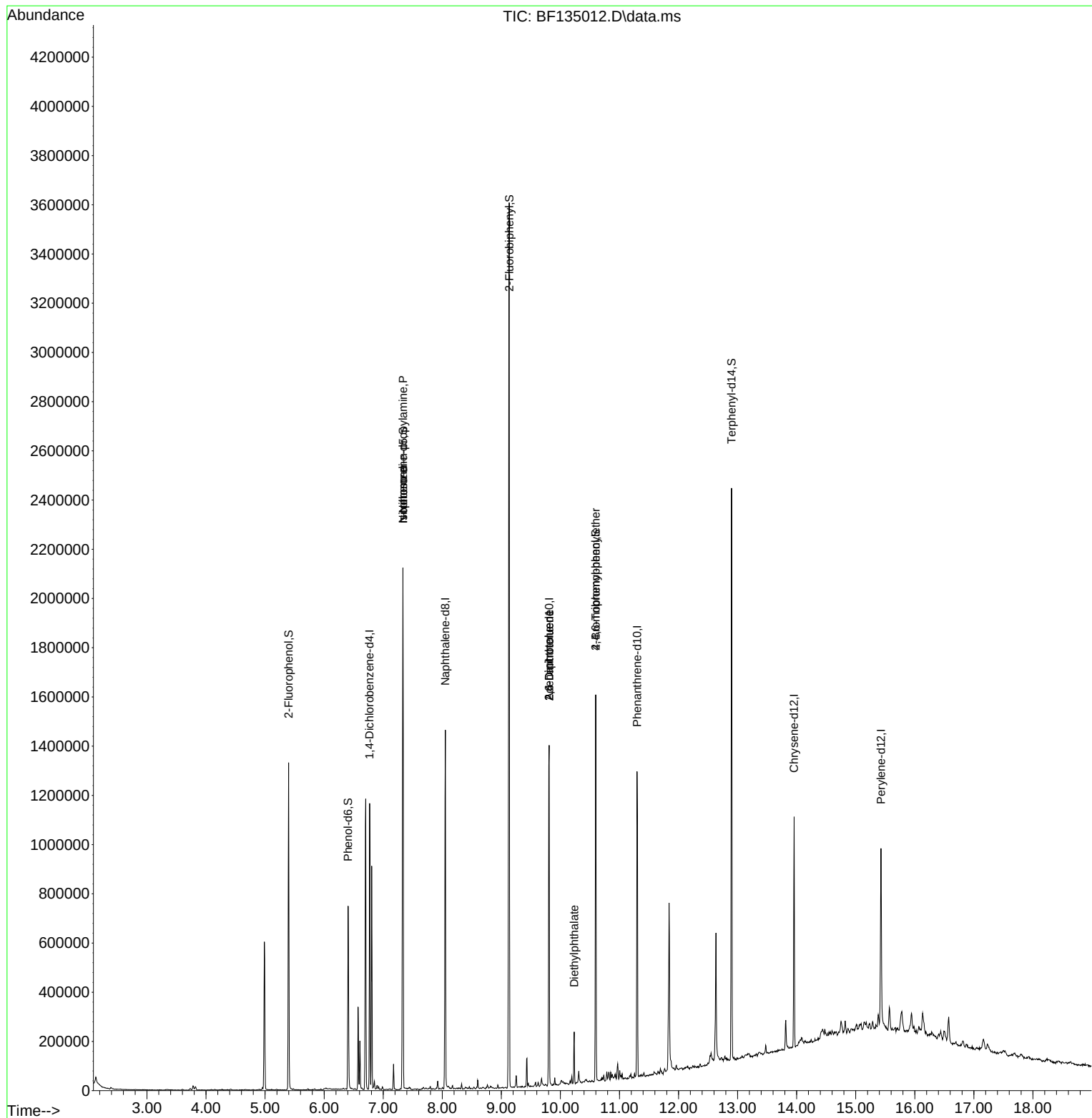
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	157637	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	624876	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	288625	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	447368	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	285927	20.000	ng	0.00
86) Perylene-d12	15.427	264	319458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	326365	31.979	ng	0.00
7) Phenol-d6	6.404	99	251749	19.791	ng	-0.01
23) Nitrobenzene-d5	7.334	82	705004	63.385	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	168100	54.904	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	1198905	67.629	ng	0.00
79) Terphenyl-d14	12.898	244	796416	45.455	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	93142	12.327	ng	# 79
25) Isophorone	7.334	82	704026	33.385	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	37824	8.529	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	37824	6.844	ng	# 20
60) Diethylphthalate	10.233	149	68269	3.589	ng	96
67) 4-Bromophenyl-phenylether	10.598	248	10379	2.187	ng	# 1
69) Atrazine	11.204	200	212	Below Cal		# 11

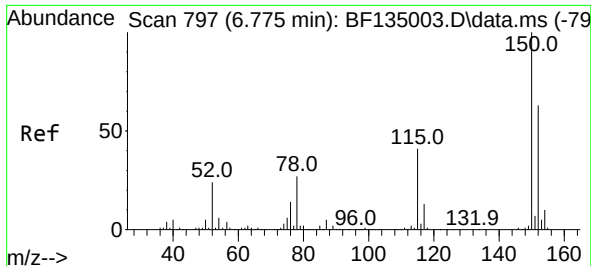
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135012.D
Acq On : 30 Aug 2023 19:07
Operator : CG\JU
Sample : 04152-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Quant Time: Aug 31 05:32:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

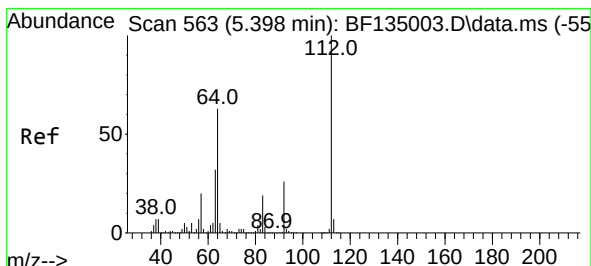
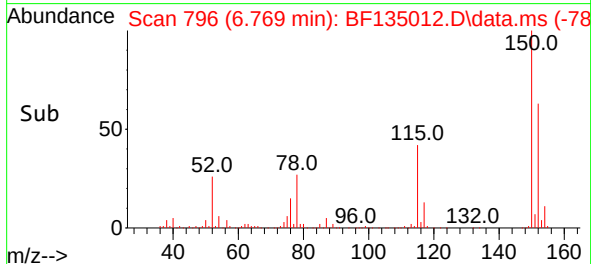
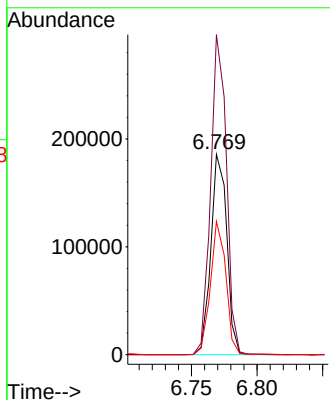
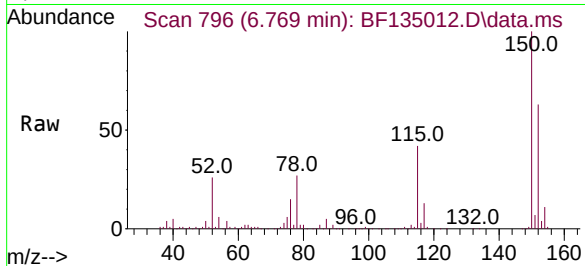




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

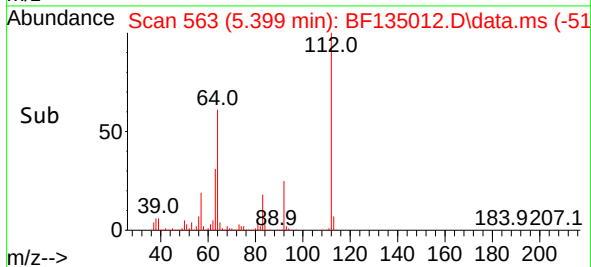
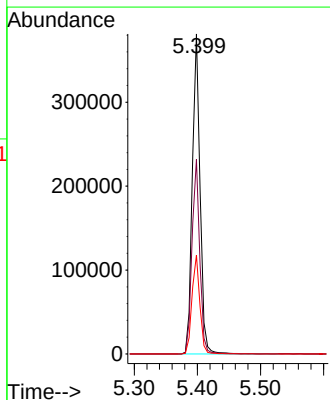
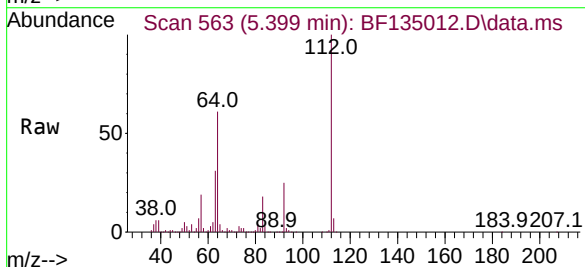
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

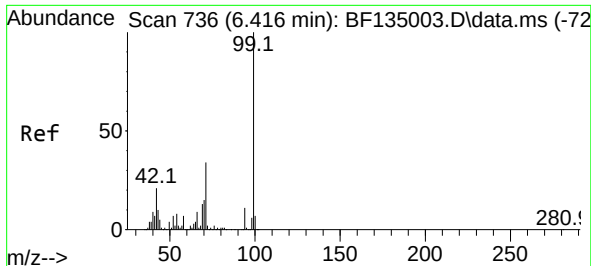
Tgt Ion:152 Resp: 157637
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.4
115 66.5 51.2 76.8



#5
2-Fluorophenol
Concen: 31.979 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

Tgt Ion:112 Resp: 326365
Ion Ratio Lower Upper
112 100
64 60.8 50.5 75.7
63 30.9 25.9 38.9

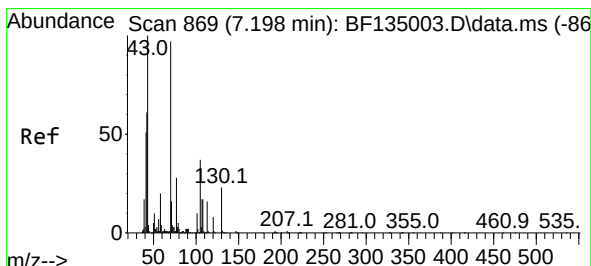
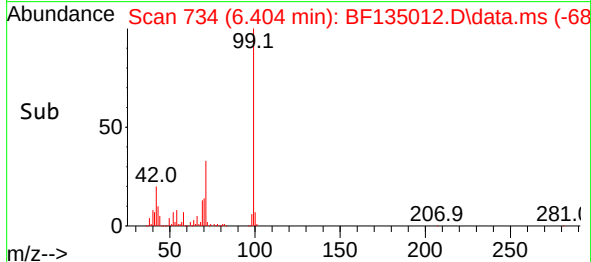
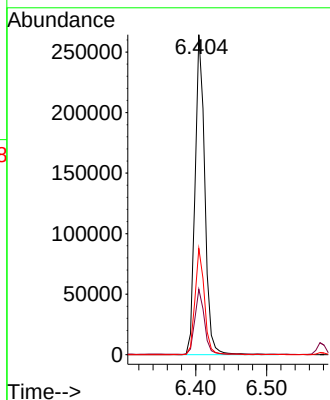
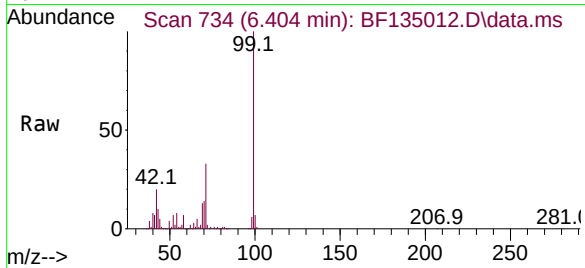




#7
Phenol-d6
Concen: 19.791 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

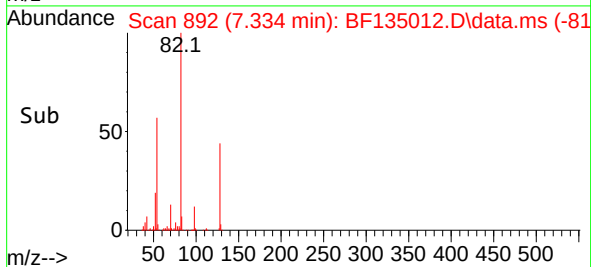
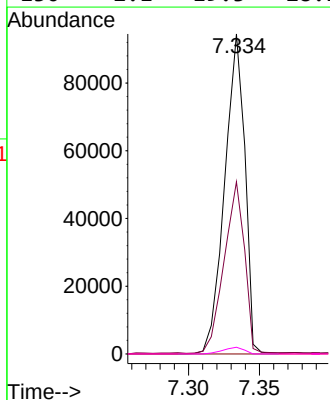
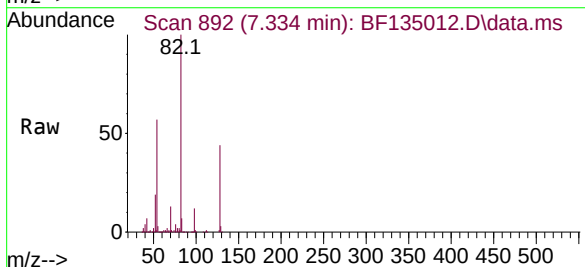
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

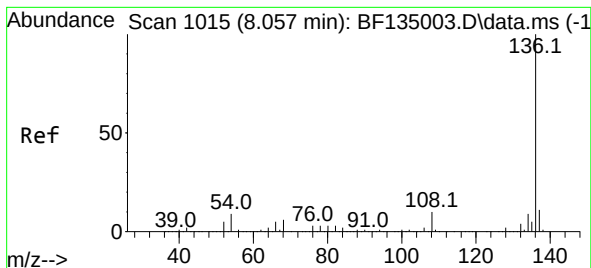
Tgt Ion: 99 Resp: 251749
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 33.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.327 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

Tgt Ion: 70 Resp: 93142
Ion Ratio Lower Upper
70 100
42 53.8 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF135012.D

Acq: 30 Aug 2023 19:07

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

Tgt Ion:136 Resp: 624876

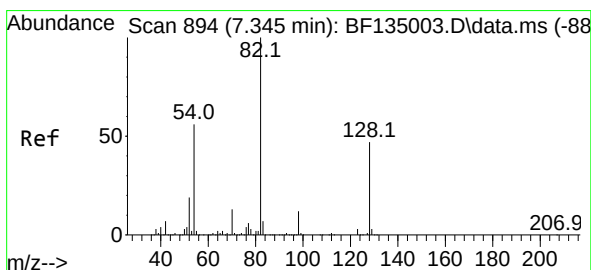
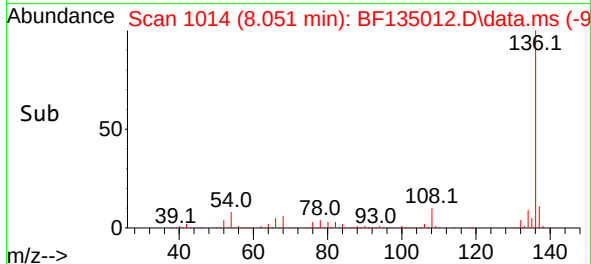
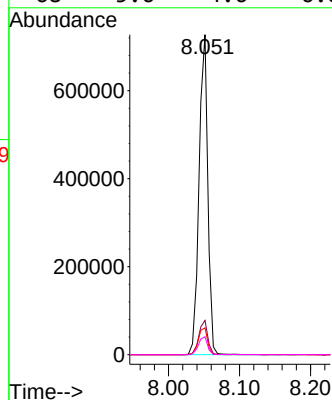
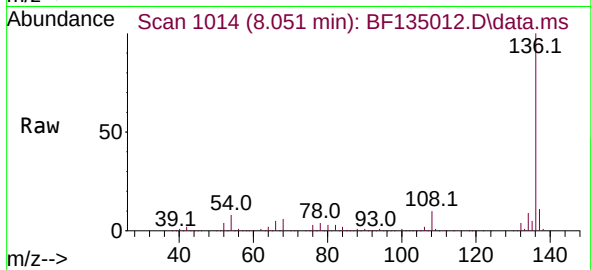
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.4 7.0 10.4

68 5.6 4.6 6.8



#23

Nitrobenzene-d5

Concen: 63.385 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135012.D

Acq: 30 Aug 2023 19:07

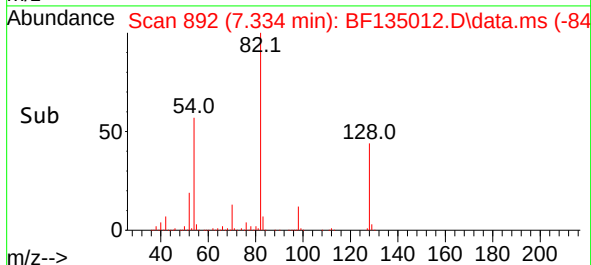
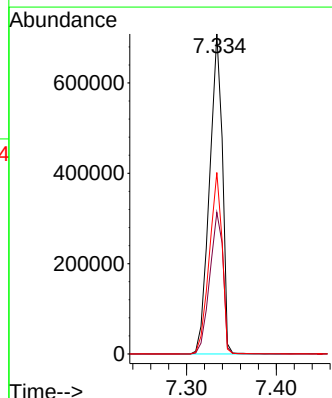
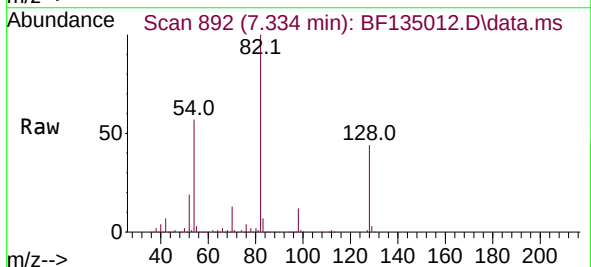
Tgt Ion: 82 Resp: 705004

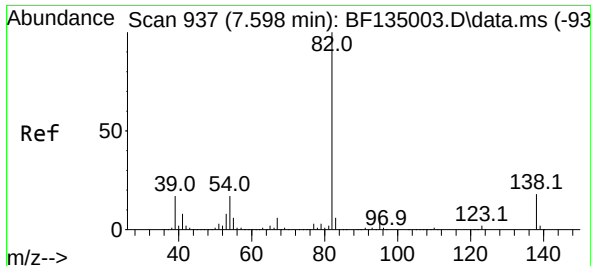
Ion Ratio Lower Upper

82 100

128 44.3 37.8 56.8

54 56.7 45.0 67.6

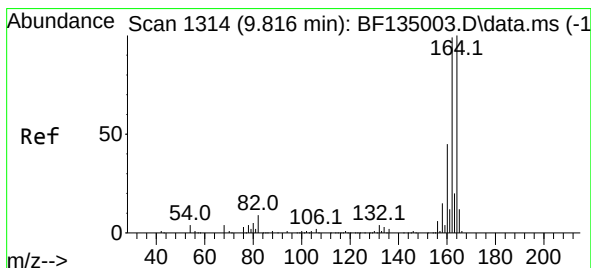
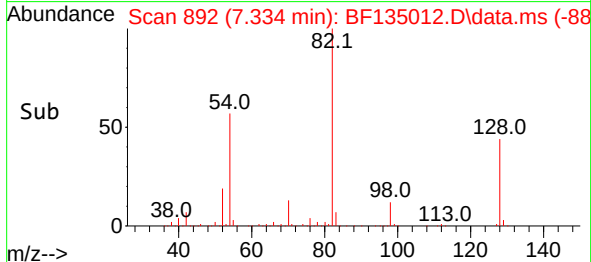
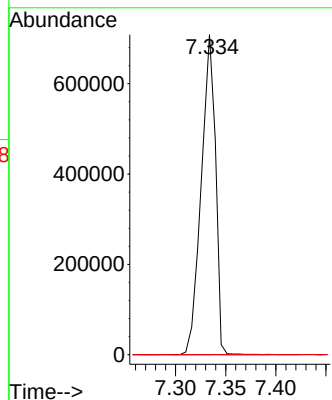
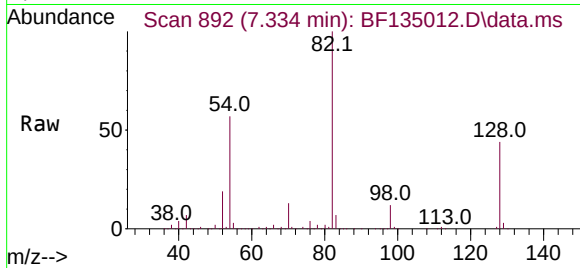




#25
Isophorone
Concen: 33.385 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

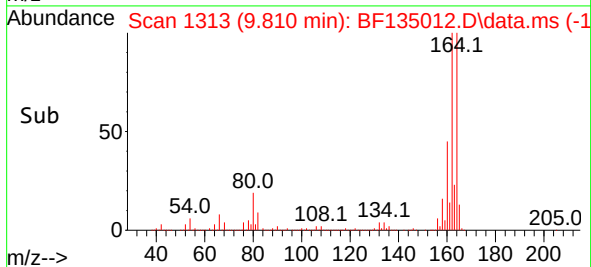
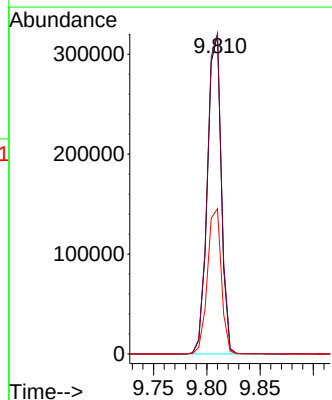
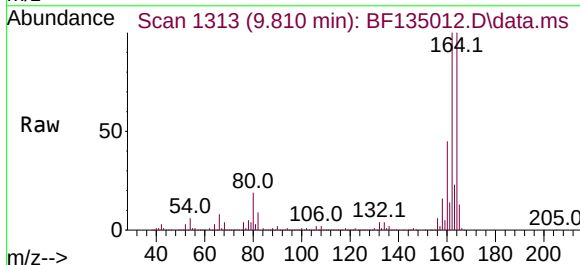
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

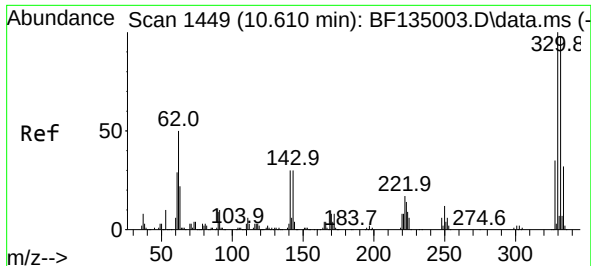
Tgt Ion: 82 Resp: 704026
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

Tgt Ion: 164 Resp: 288625
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 45.5 36.0 54.0

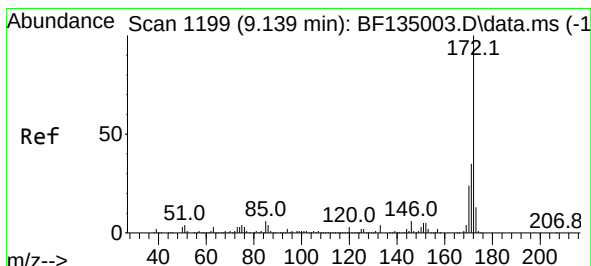
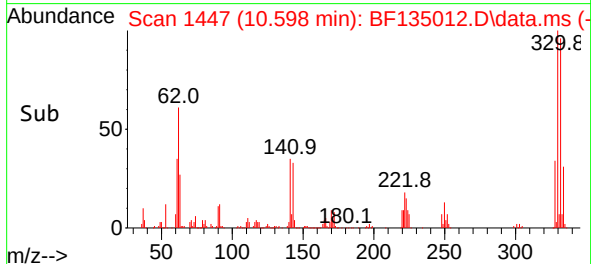
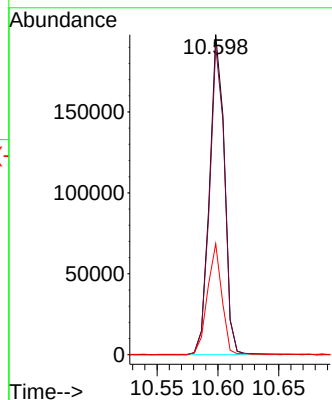
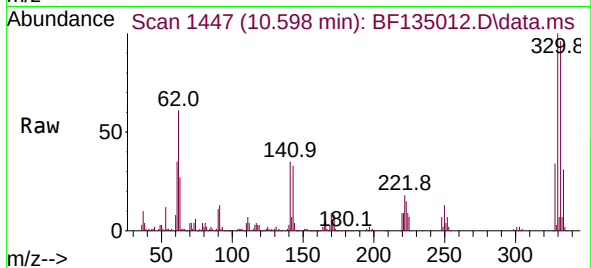




#42
2,4,6-Tribromophenol
Concen: 54.904 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

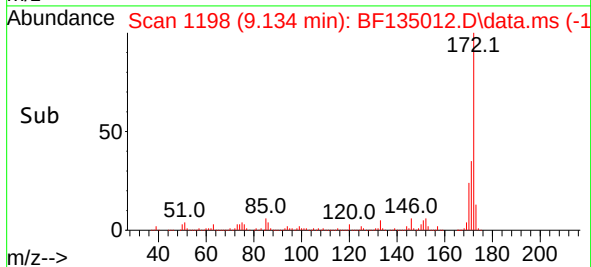
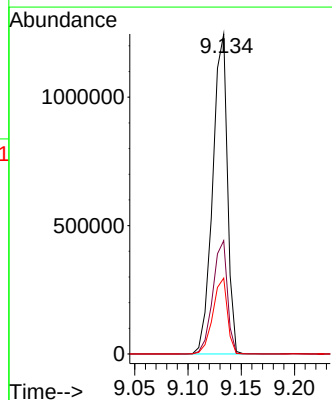
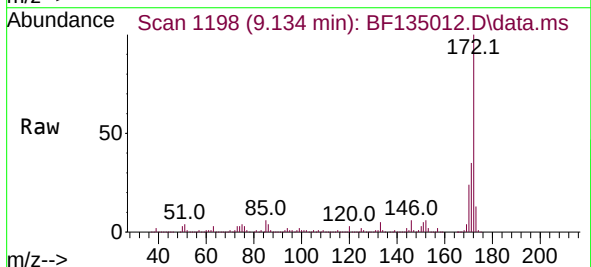
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

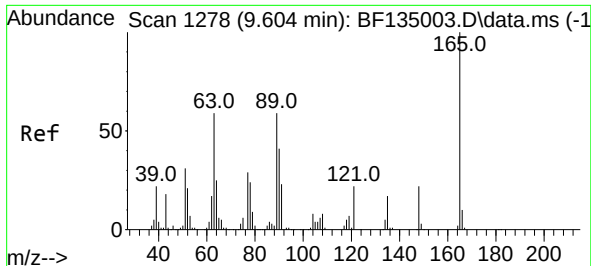
Tgt Ion:330 Resp: 168100
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 33.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 67.629 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

Tgt Ion:172 Resp: 1198905
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.7 19.0 28.4

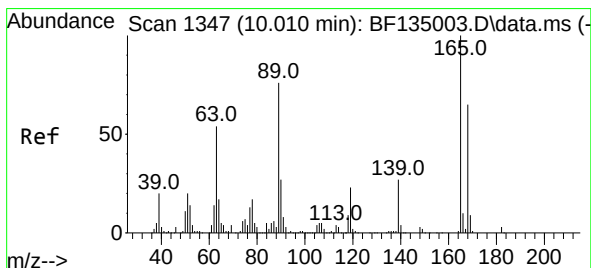
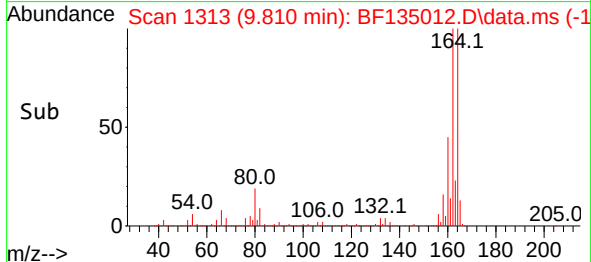
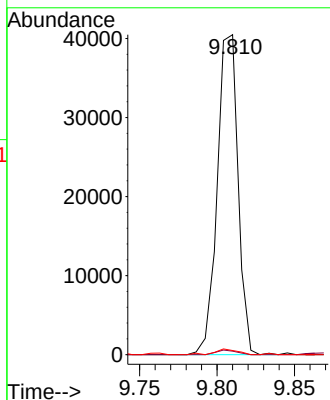
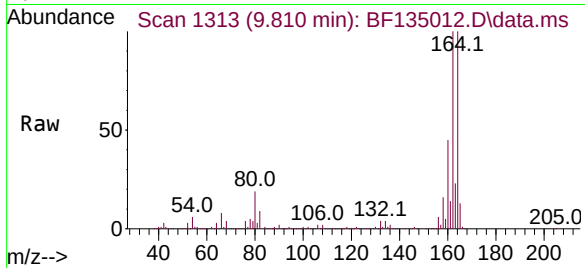




#51
2,6-Dinitrotoluene
Concen: 8.529 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

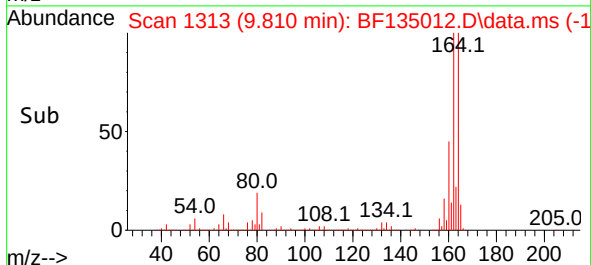
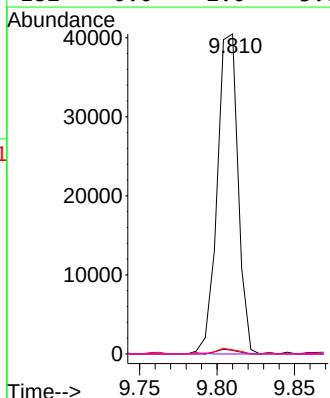
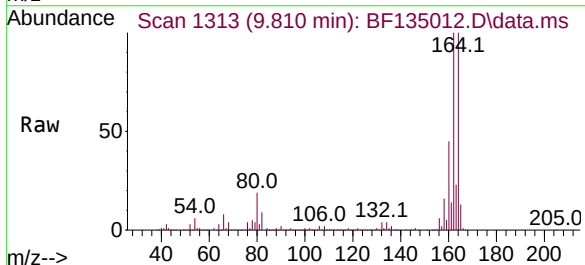
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

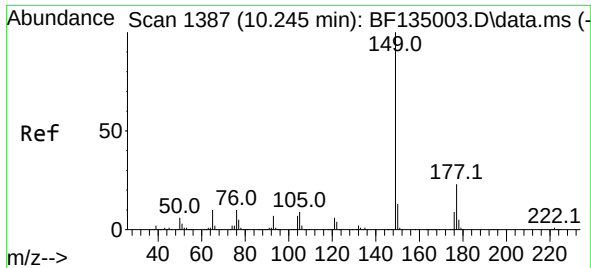
Tgt Ion:165 Resp: 37824
Ion Ratio Lower Upper
165 100
63 1.1 50.4 75.6#
89 1.3 47.1 70.7#



#57
2,4-Dinitrotoluene
Concen: 6.844 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.200 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

Tgt Ion:165 Resp: 37824
Ion Ratio Lower Upper
165 100
63 1.1 43.2 64.8#
89 1.3 60.8 91.2#
182 0.0 2.0 3.0#

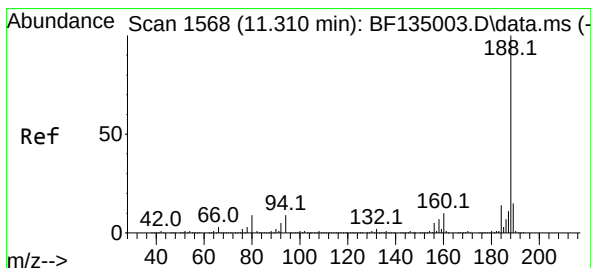
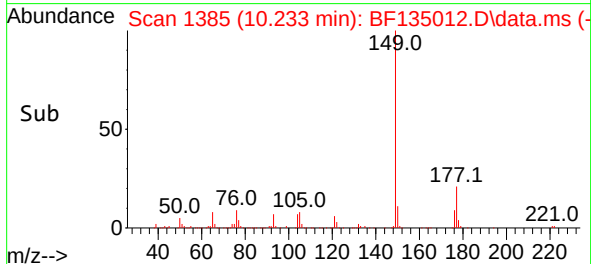
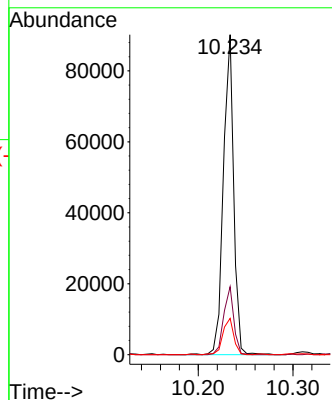
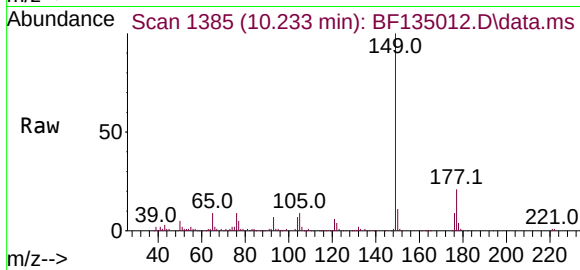




#60
Diethylphthalate
Concen: 3.589 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

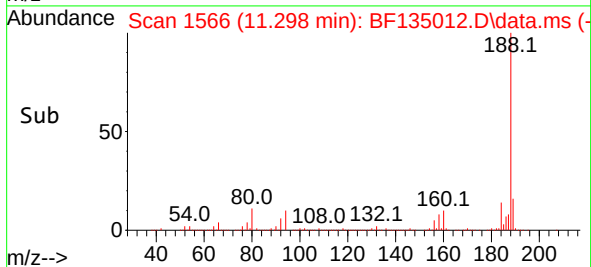
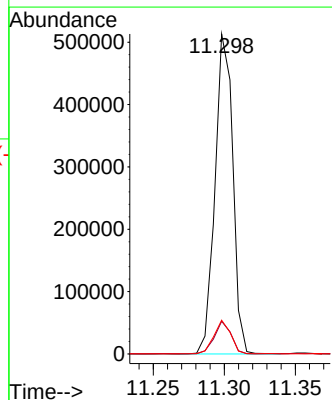
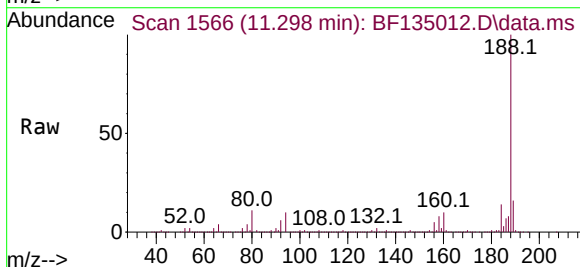
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

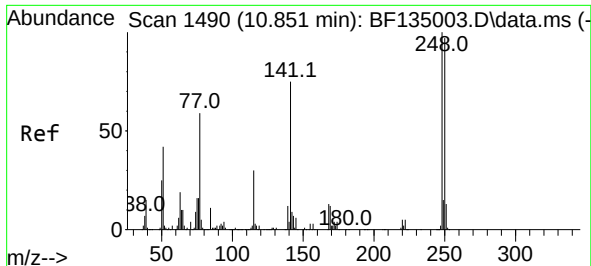
Tgt Ion:149 Resp: 68269
Ion Ratio Lower Upper
149 100
177 21.2 18.5 27.7
150 11.4 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

Tgt Ion:188 Resp: 447368
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 10.6 7.4 11.2

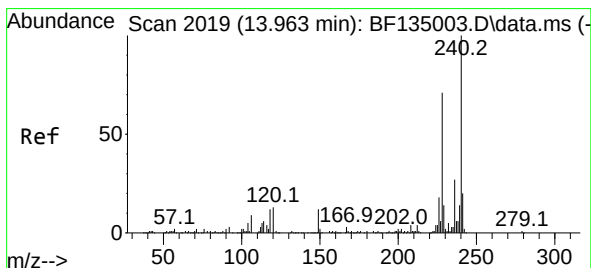
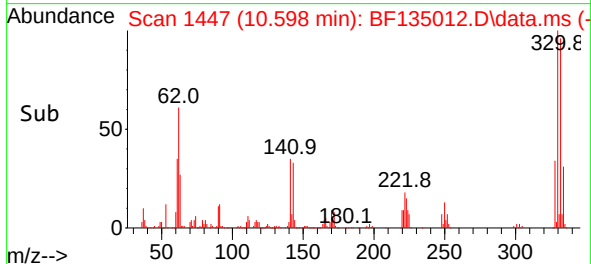
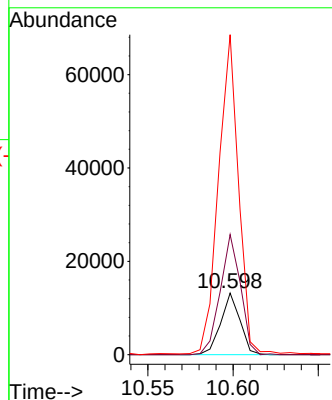
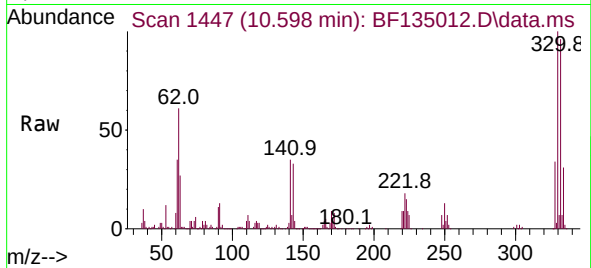




#67
4-Bromophenyl-phenylether
Concen: 2.187 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

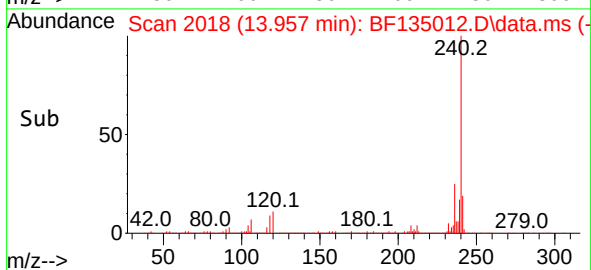
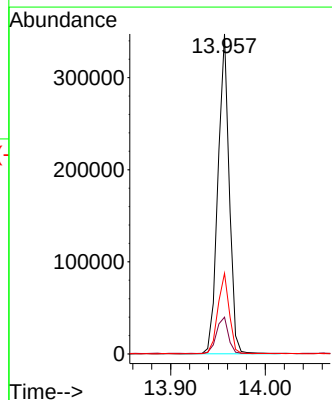
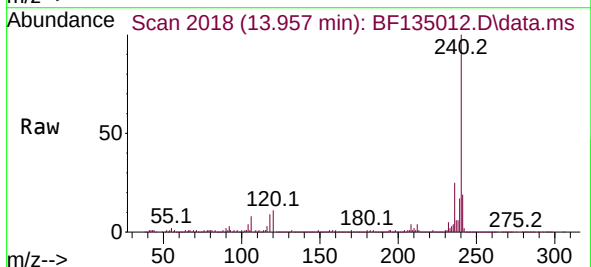
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

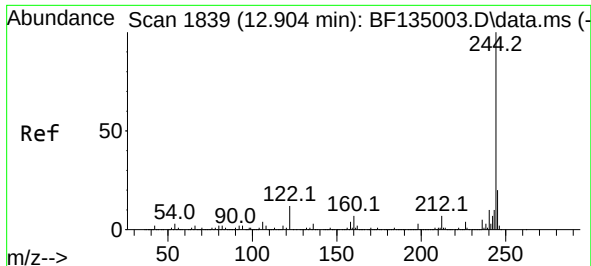
Tgt Ion:248 Resp: 10379
Ion Ratio Lower Upper
248 100
250 194.9 77.9 116.9#
141 519.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135012.D
Acq: 30 Aug 2023 19:07

Tgt Ion:240 Resp: 285927
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.2
236 25.2 21.3 31.9

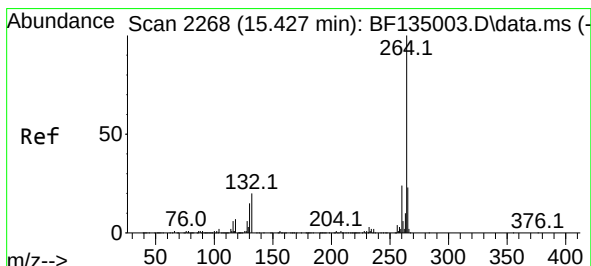
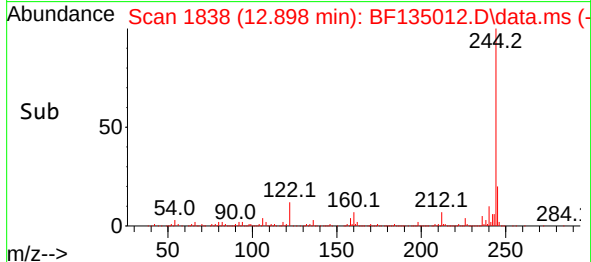
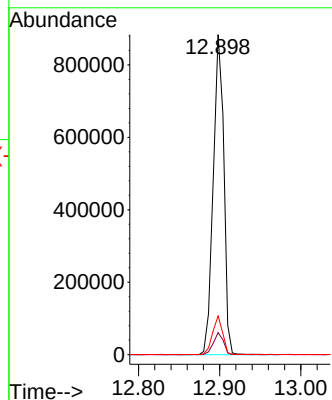
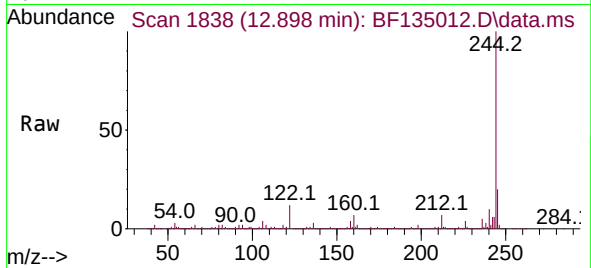




#79
 Terphenyl-d14
 Concen: 45.455 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135012.D
 Acq: 30 Aug 2023 19:07

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:244 Resp: 796416
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.1 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135012.D
 Acq: 30 Aug 2023 19:07

Tgt Ion:264 Resp: 319458
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.9 18.2 27.2

