

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135817.D
 Acq On : 17 Oct 2023 17:54
 Operator : CG\JU
 Sample : 04723-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6A

Quant Time: Oct 18 01:59:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

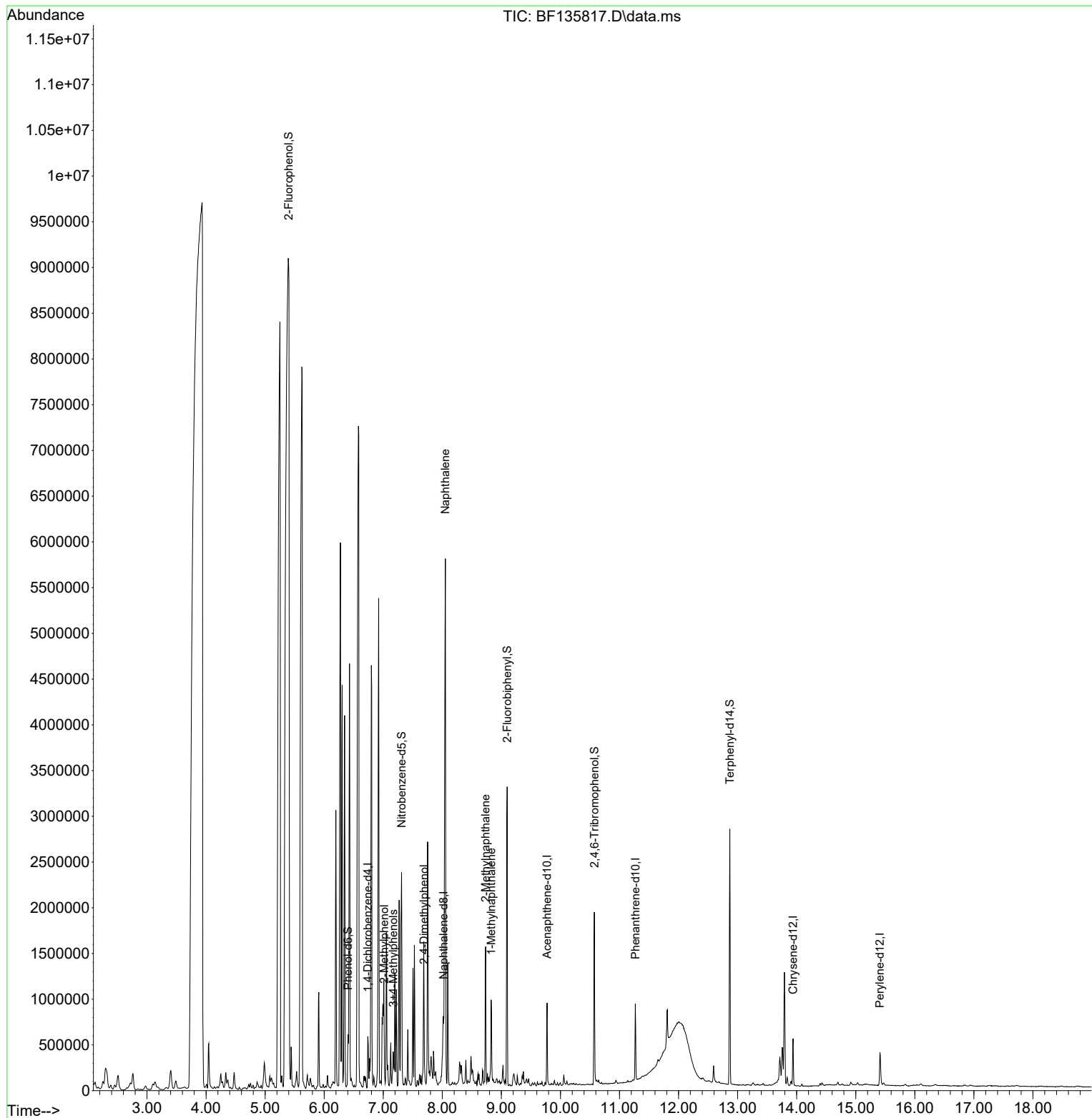
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	85192	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	312617	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	168626	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	300159	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	175672	20.000	ng	-0.01
86) Perylene-d12	15.410	264	183034	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	130904m	24.704	ng	0.02
7) Phenol-d6	6.404	99	216058	32.679	ng	0.00
23) Nitrobenzene-d5	7.310	82	553273	97.338	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	229652	141.927	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1014734	94.087	ng	0.00
79) Terphenyl-d14	12.868	244	990439	104.411	ng	-0.01
Target Compounds						
17) 2-Methylphenol	7.016	107	66681	13.480	ng	Qvalue 93
20) 3+4-Methylphenols	7.169	107	112876	18.304	ng	# 82
27) 2,4-Dimethylphenol	7.692	122	34168	7.455	ng	98
31) Naphthalene	8.051	128	3049614	199.999	ng	97
37) 2-Methylnaphthalene	8.733	142	365870	36.419	ng	100
38) 1-Methylnaphthalene	8.828	142	199105	21.488	ng	99

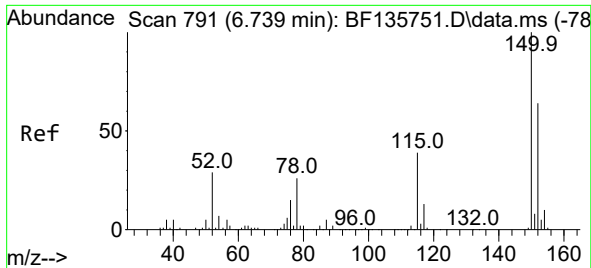
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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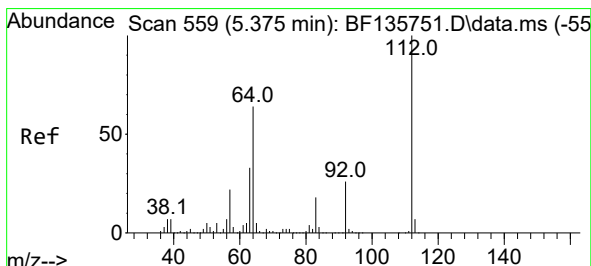
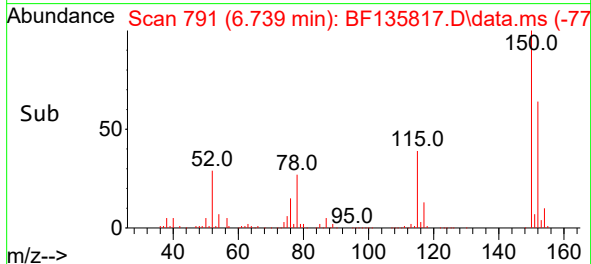
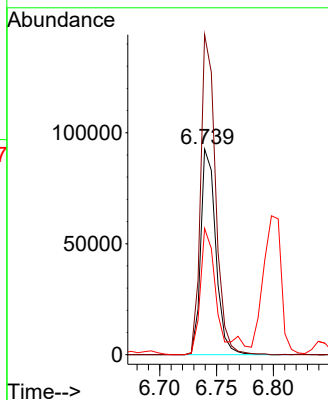
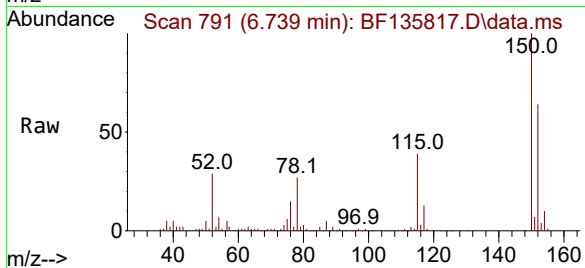




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

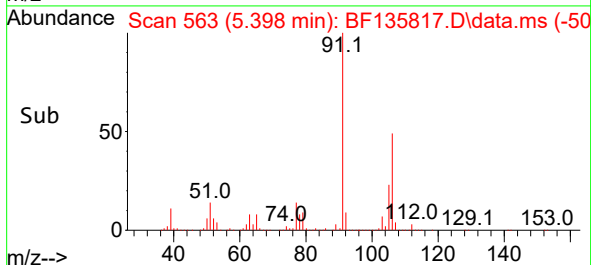
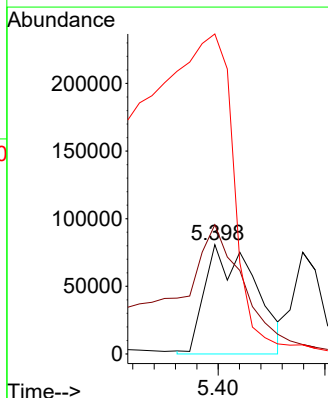
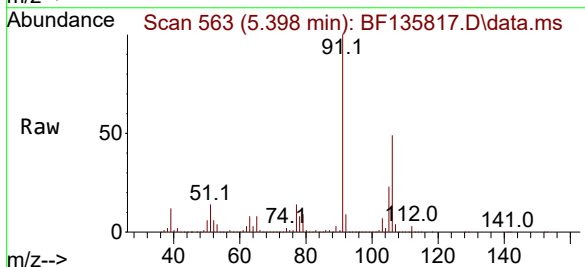
Instrument :
BNA_F
ClientSampleId :
MW-6A

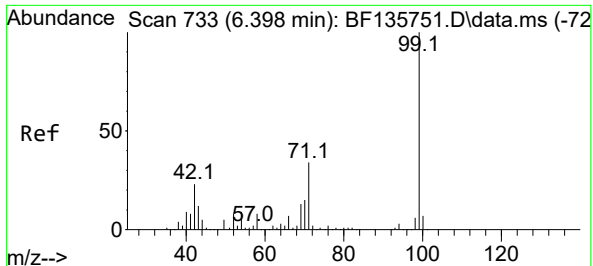
Tgt Ion:152 Resp: 85192
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 61.4 49.0 73.4



#5
2-Fluorophenol
Concen: 24.704 ng m
RT: 5.398 min Scan# 563
Delta R.T. 0.023 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

Tgt Ion:112 Resp: 130904
Ion Ratio Lower Upper
112 100
64 118.2 51.2 76.8#
63 292.7 26.1 39.1#





#7

Phenol-d6

Concen: 32.679 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135817.D

Acq: 17 Oct 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-6A

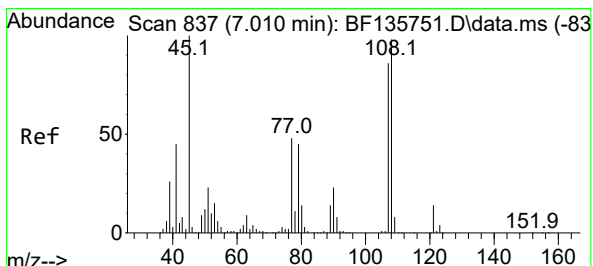
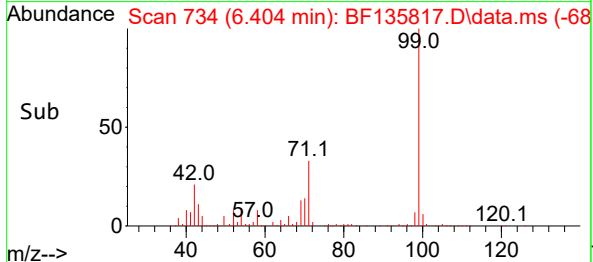
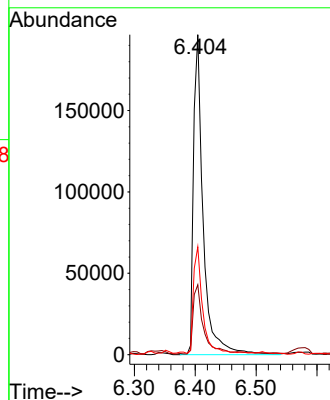
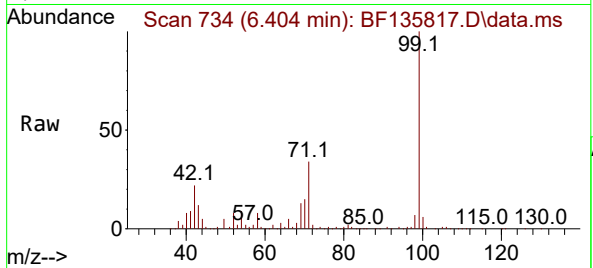
Tgt Ion: 99 Resp: 216058

Ion Ratio Lower Upper

99 100

42 21.8 18.4 27.6

71 33.7 27.2 40.8



#17

2-Methylphenol

Concen: 13.480 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF135817.D

Acq: 17 Oct 2023 17:54

Tgt Ion:107 Resp: 66681

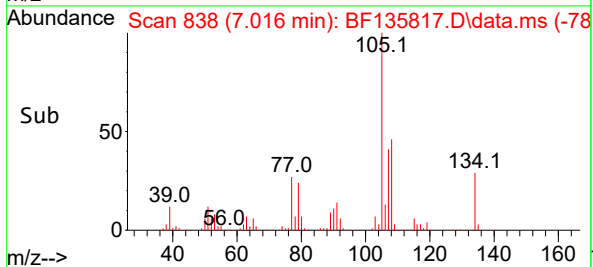
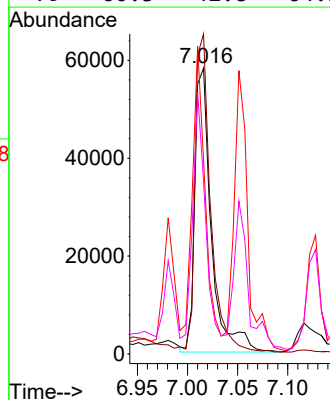
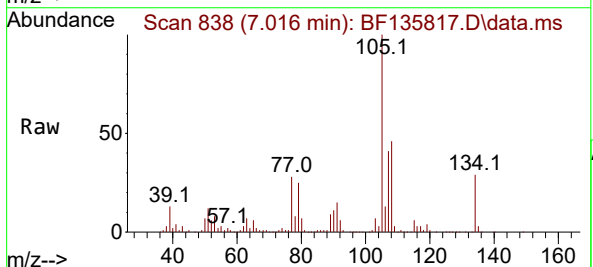
Ion Ratio Lower Upper

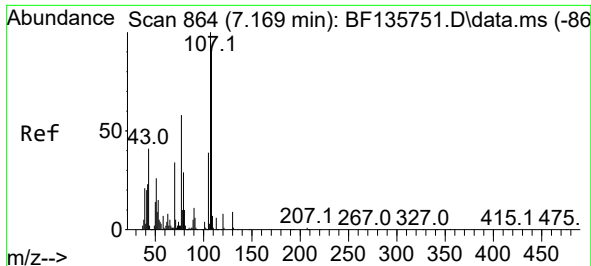
107 100

108 111.9 91.8 137.6

77 67.7 45.4 68.0

79 60.3 42.8 64.2





#20

3+4-Methylphenols

Concen: 18.304 ng

RT: 7.169 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF135817.D

Acq: 17 Oct 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-6A

Tgt Ion:107 Resp: 112876

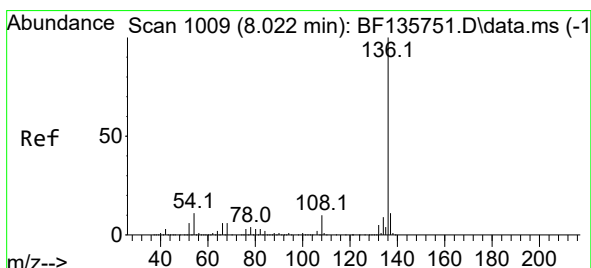
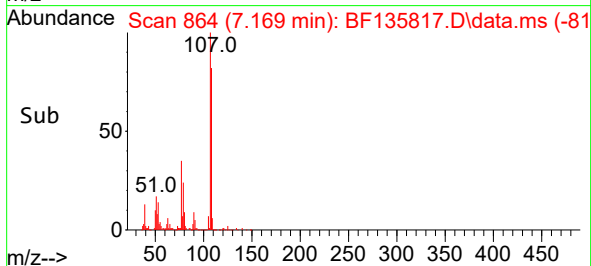
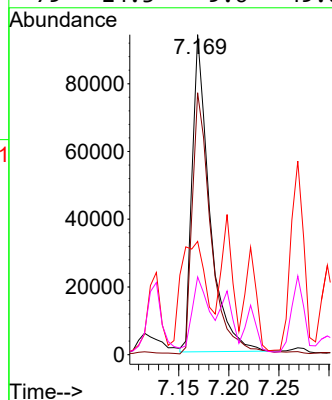
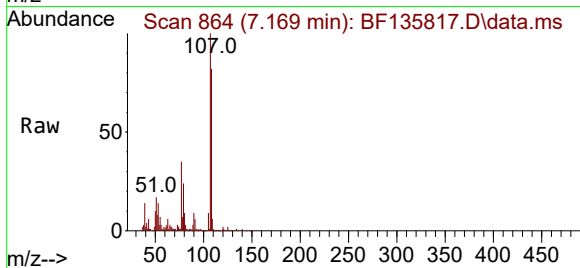
Ion Ratio Lower Upper

107 100

108 81.9 71.1 111.1

77 35.4 42.0 82.0#

79 24.3 9.6 49.6



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF135817.D

Acq: 17 Oct 2023 17:54

Tgt Ion:136 Resp: 312617

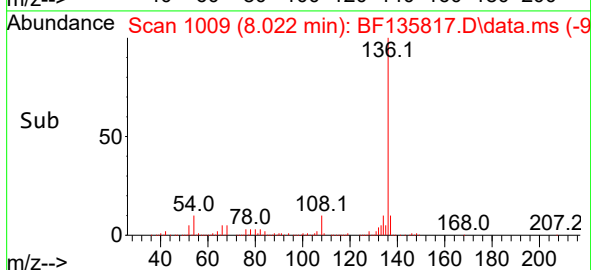
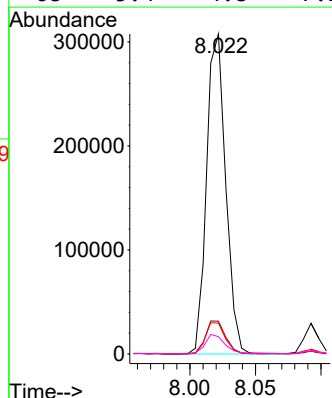
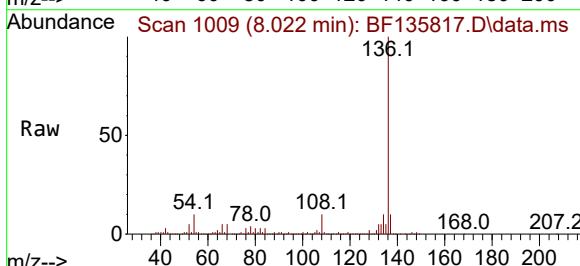
Ion Ratio Lower Upper

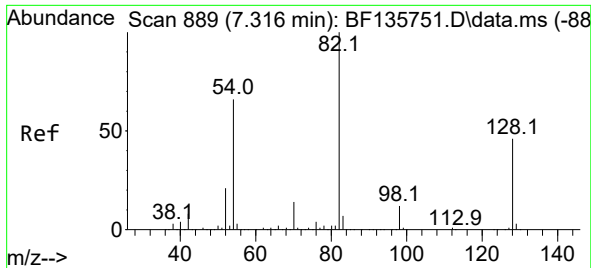
136 100

137 10.3 8.6 12.8

54 9.7 8.5 12.7

68 5.4 4.8 7.2

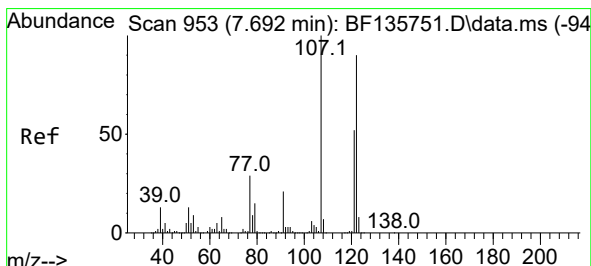
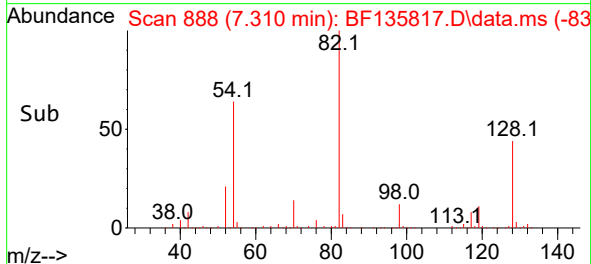
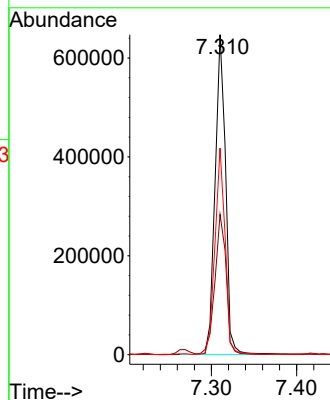
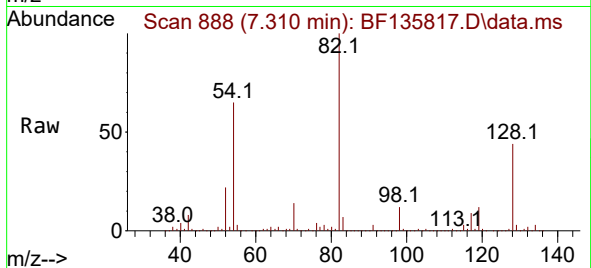




#23
Nitrobenzene-d5
Concen: 97.338 ng
RT: 7.310 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

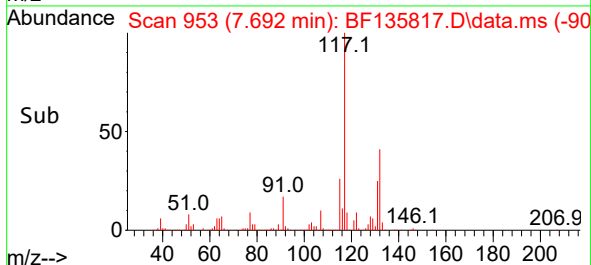
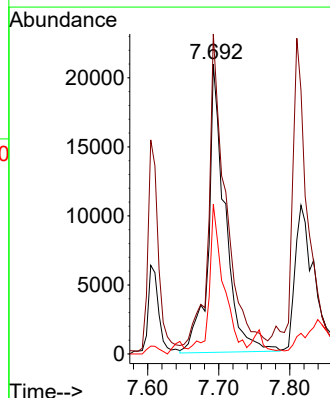
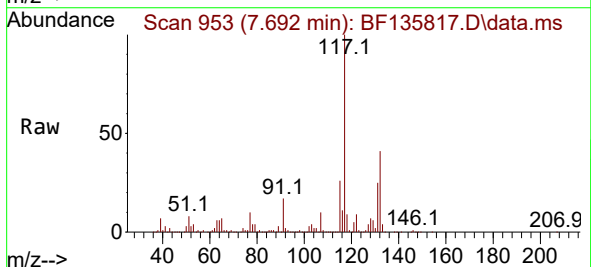
Instrument :
BNA_F
ClientSampleId :
MW-6A

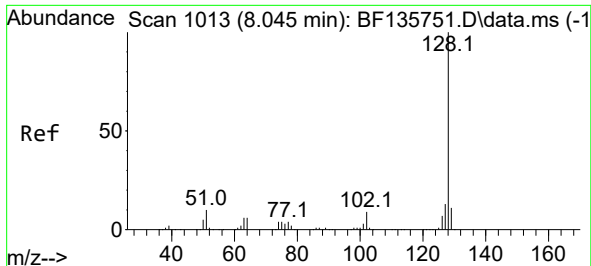
Tgt Ion: 82 Resp: 553273
Ion Ratio Lower Upper
82 100
128 43.8 37.0 55.6
54 64.6 52.8 79.2



#27
2,4-Dimethylphenol
Concen: 7.455 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

Tgt Ion: 122 Resp: 34168
Ion Ratio Lower Upper
122 100
107 110.4 88.2 132.4
121 51.7 45.5 68.3

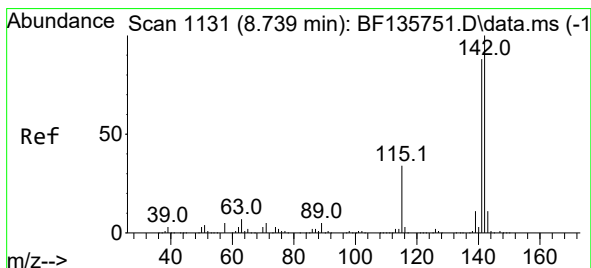
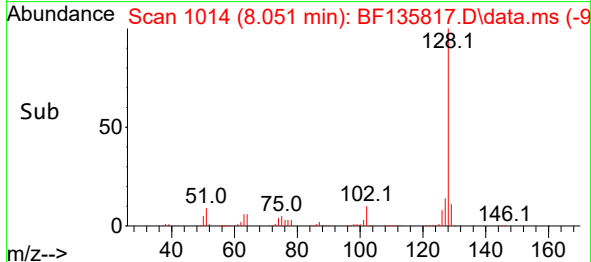
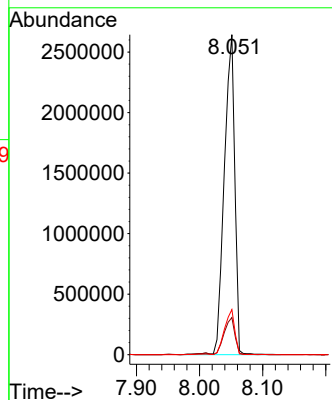
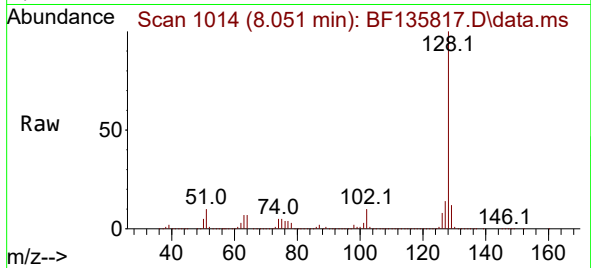




#31
Naphthalene
Concen: 199.999 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

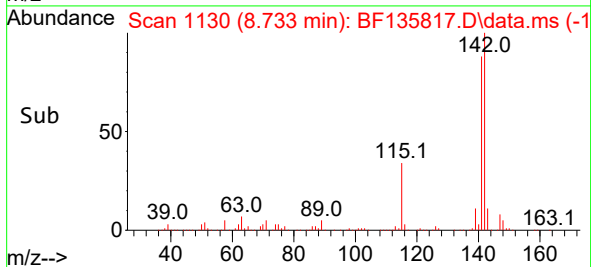
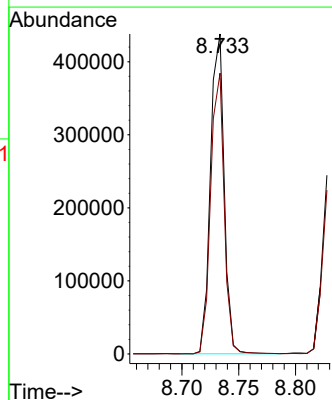
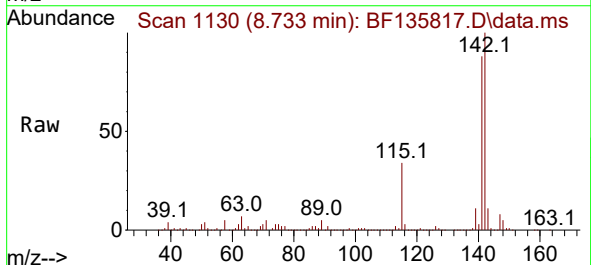
Instrument :
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ClientSampleId :
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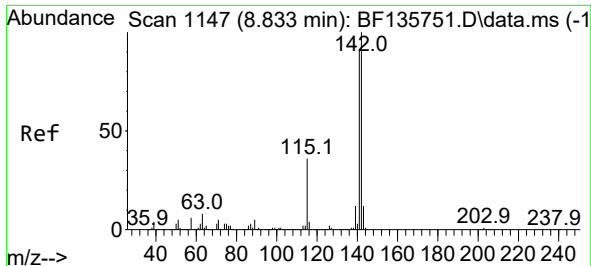
Tgt Ion:128 Resp: 3049614
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 14.1 10.2 15.4



#37
2-Methylnaphthalene
Concen: 36.419 ng
RT: 8.733 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

Tgt Ion:142 Resp: 365870
Ion Ratio Lower Upper
142 100
141 87.8 70.6 105.8

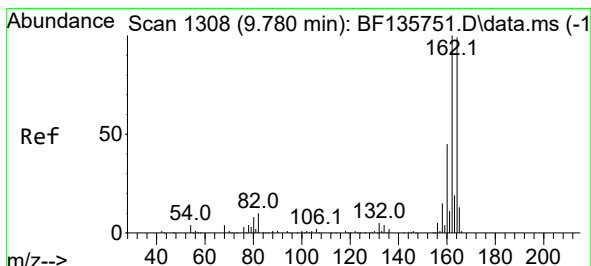
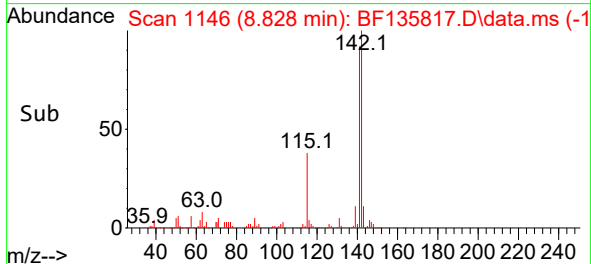
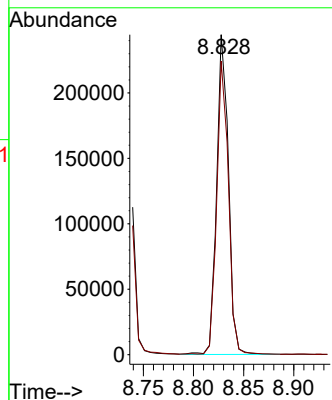
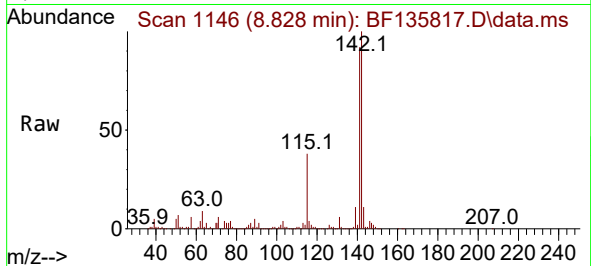




#38
1-Methylnaphthalene
Concen: 21.488 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

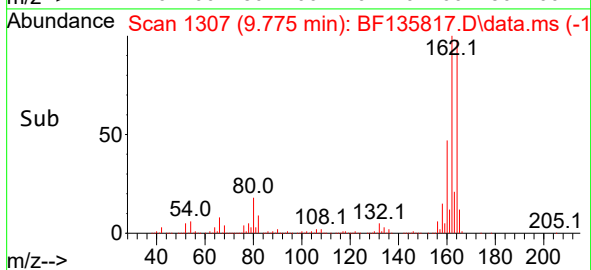
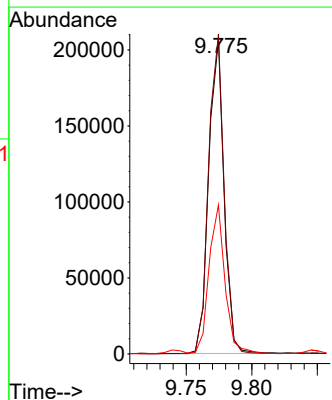
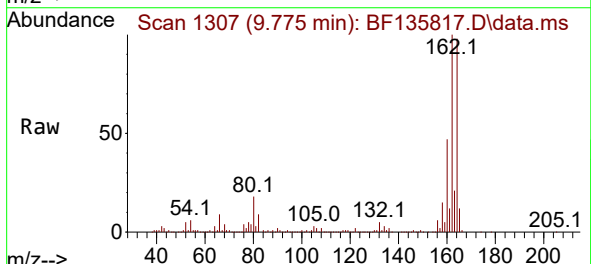
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ClientSampleId :
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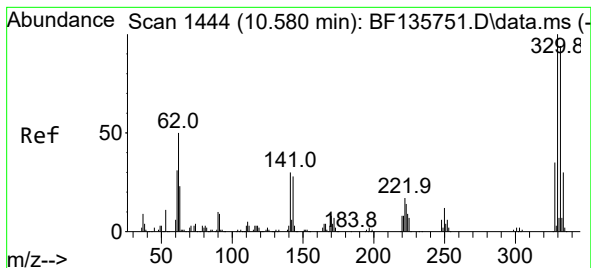
Tgt Ion:142 Resp: 199105
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

Tgt Ion:164 Resp: 168626
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 47.4 36.6 54.8

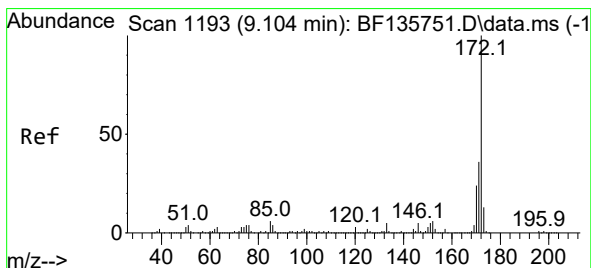
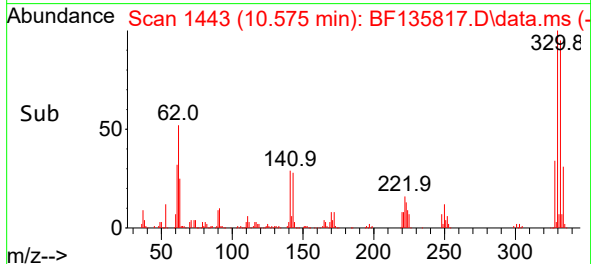
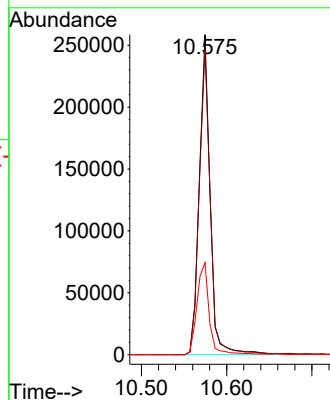
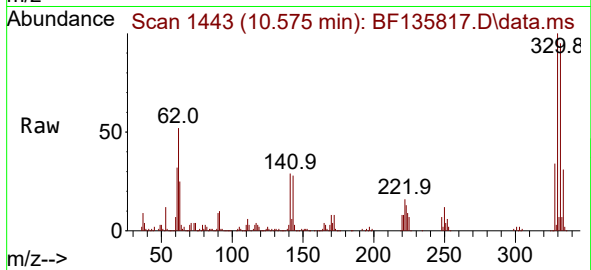




#42
2,4,6-Tribromophenol
Concen: 141.927 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

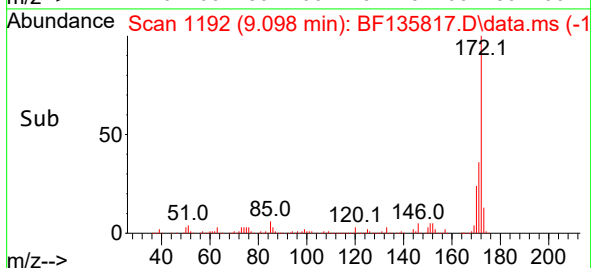
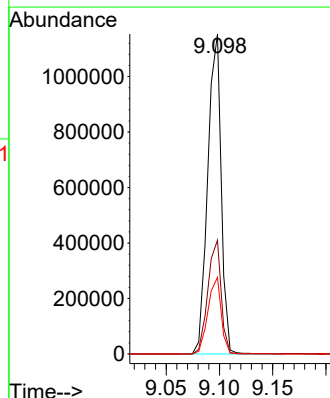
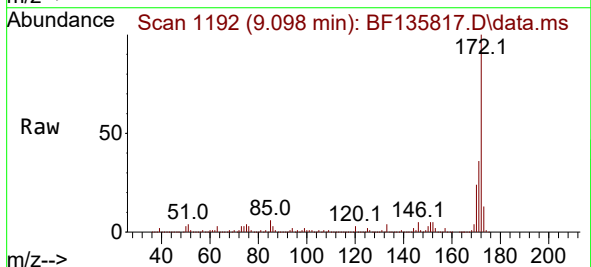
Instrument :
BNA_F
ClientSampleId :
MW-6A

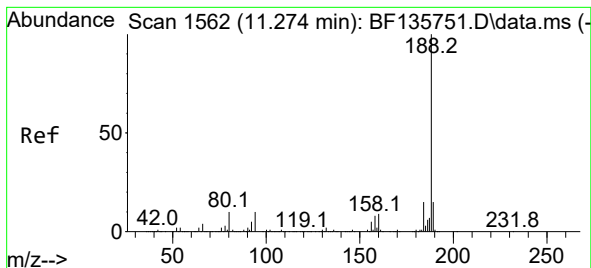
Tgt Ion:330 Resp: 229652
Ion Ratio Lower Upper
330 100
332 98.1 75.0 112.4
141 32.3 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 94.087 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135817.D
Acq: 17 Oct 2023 17:54

Tgt Ion:172 Resp: 1014734
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.0 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135817.D

Acq: 17 Oct 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-6A

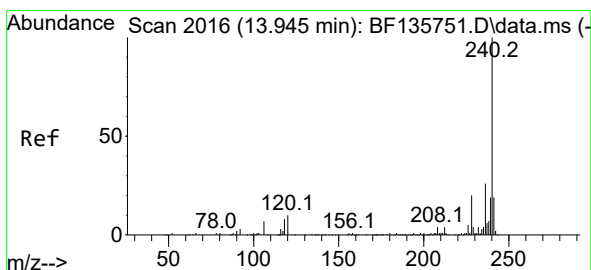
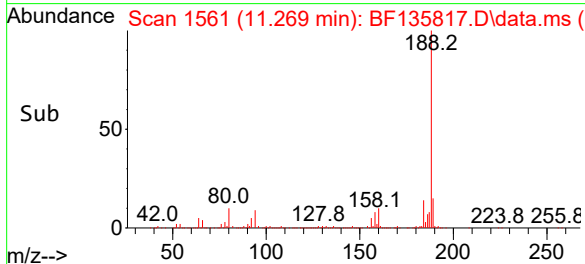
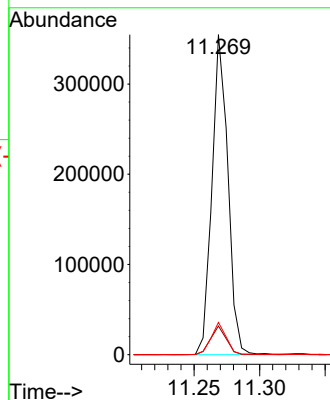
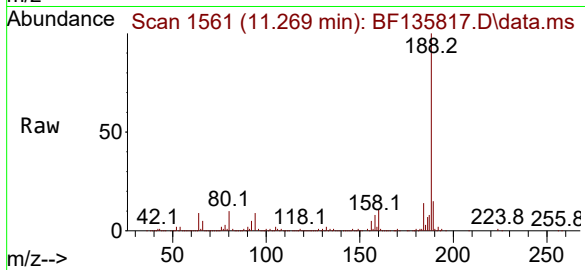
Tgt Ion:188 Resp: 300159

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

80 10.1 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135817.D

Acq: 17 Oct 2023 17:54

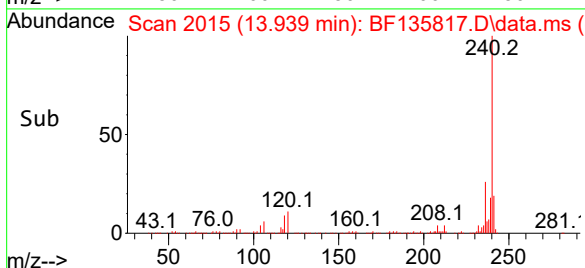
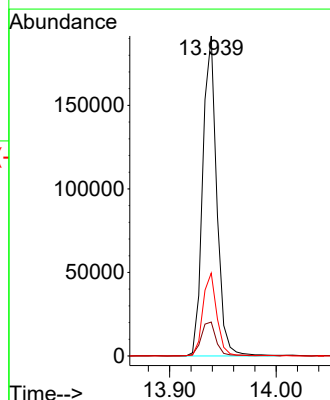
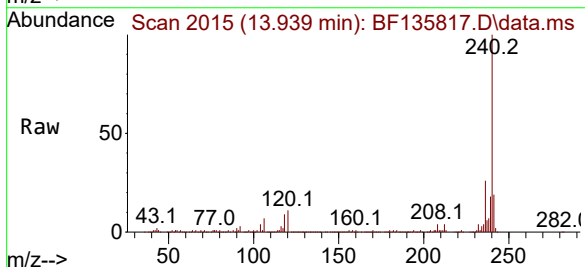
Tgt Ion:240 Resp: 175672

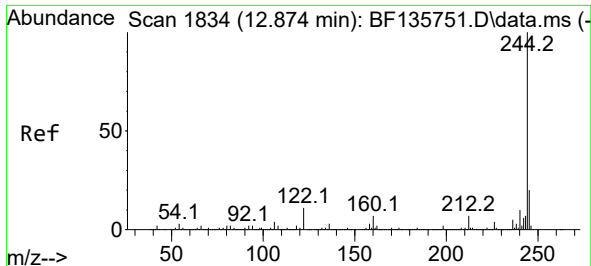
Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

236 25.9 21.2 31.8

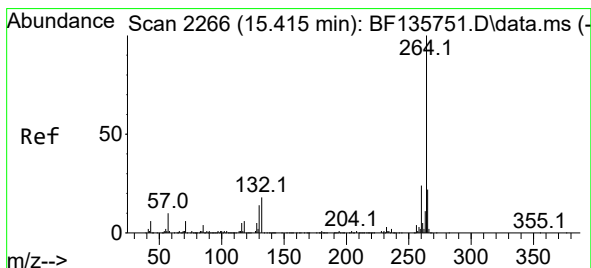
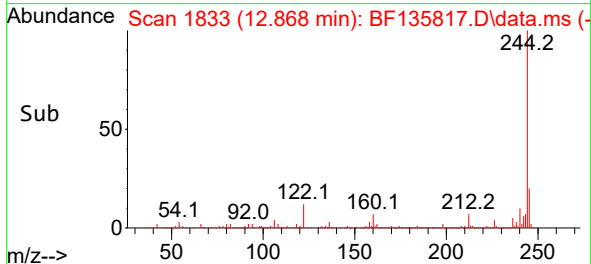
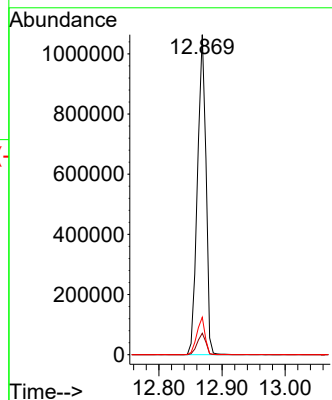
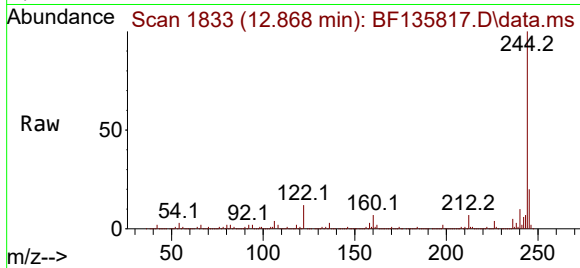




#79
 Terphenyl-d14
 Concen: 104.411 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135817.D
 Acq: 17 Oct 2023 17:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-6A

Tgt Ion:244 Resp: 990439
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135817.D
 Acq: 17 Oct 2023 17:54

Tgt Ion:264 Resp: 183034
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.1 17.4 26.2

