

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135117.D
 Acq On : 06 Sep 2023 03:54
 Operator : CG\JU
 Sample : 04203-05RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(12-12.5)

Quant Time: Sep 06 05:58:35 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)

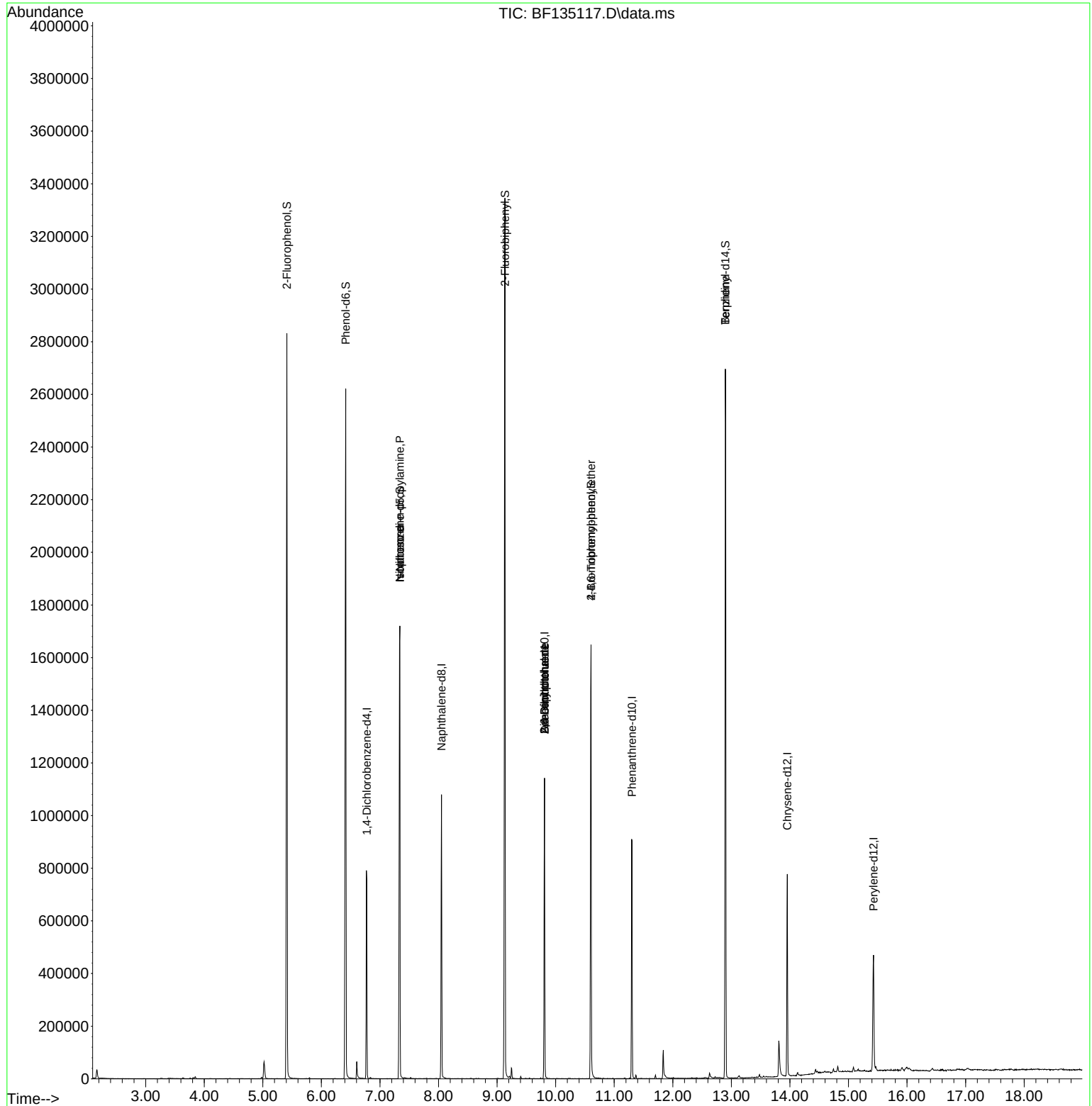
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	115180	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	455500	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	217150	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	357642	20.000	ng	0.00
76) Chrysene-d12	13.957	240	250922	20.000	ng	0.00
86) Perylene-d12	15.427	264	217461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	774855	103.912	ng	0.01
7) Phenol-d6	6.416	99	931418	100.212	ng	0.00
23) Nitrobenzene-d5	7.339	82	602463	74.307	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	208886	90.682	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1056207	79.190	ng	0.00
79) Terphenyl-d14	12.898	244	999679	65.015	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	82805	14.998	ng	# 75
25) Isophorone	7.339	82	602458	39.191	ng	# 65
50) Dimethylphthalate	9.810	163	43404	2.855	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	28546	8.556	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	28546	6.866	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	13100	3.453	ng	# 1
77) Benzidine	12.898	184	12901	2.852	ng	# 93

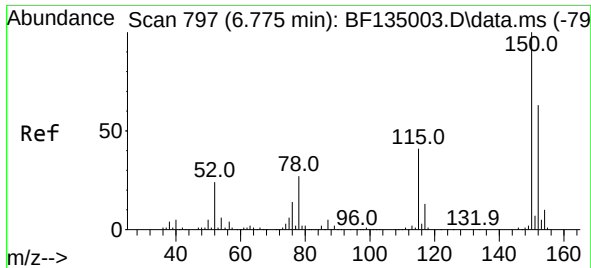
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-6(12-12.5)

Quant Time: Sep 06 05:58:35 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

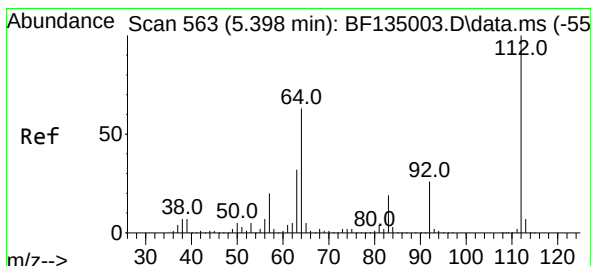
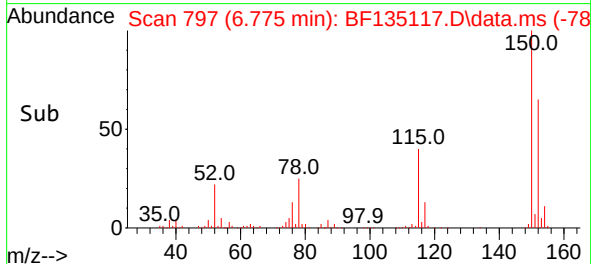
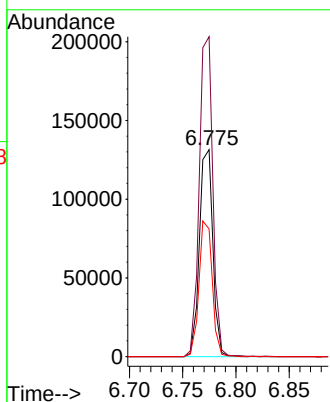
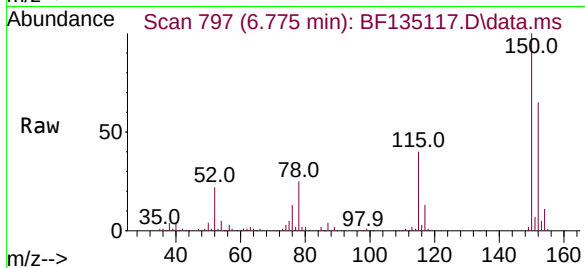




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

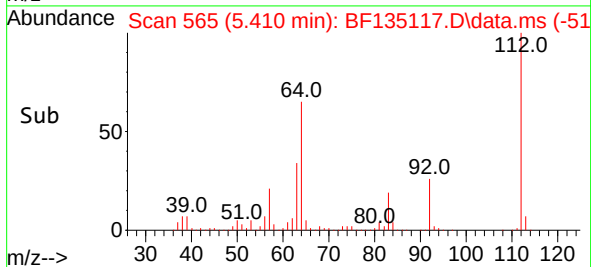
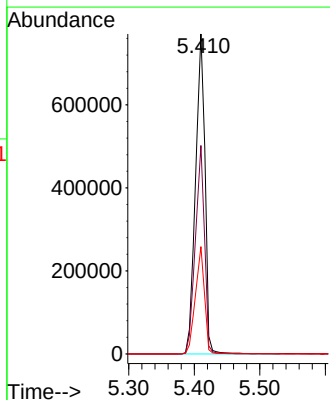
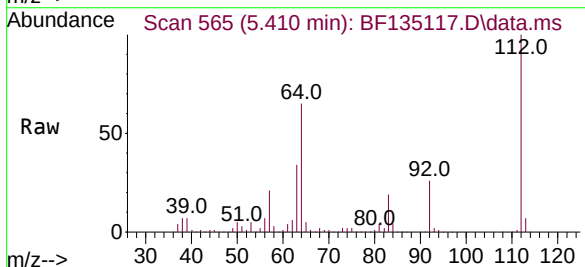
Instrument :
BNA_F
ClientSampleId :
SB-6(12-12.5)

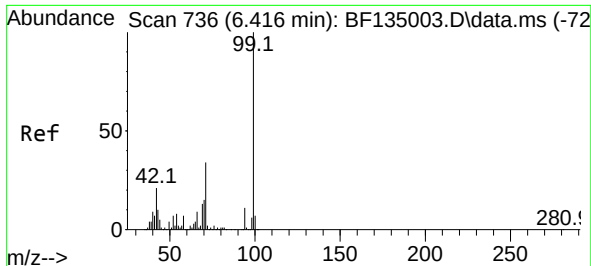
Tgt Ion:152 Resp: 115180
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.4
115 61.7 51.2 76.8



#5
2-Fluorophenol
Concen: 103.912 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

Tgt Ion:112 Resp: 774855
Ion Ratio Lower Upper
112 100
64 65.1 50.5 75.7
63 33.5 25.9 38.9





#7
Phenol-d6
Concen: 100.212 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

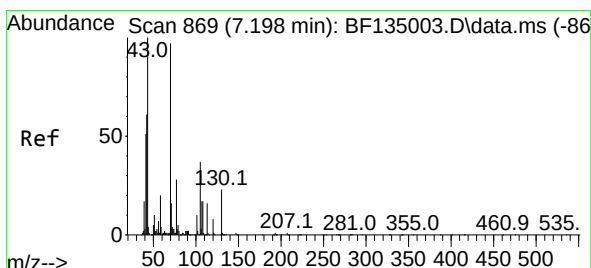
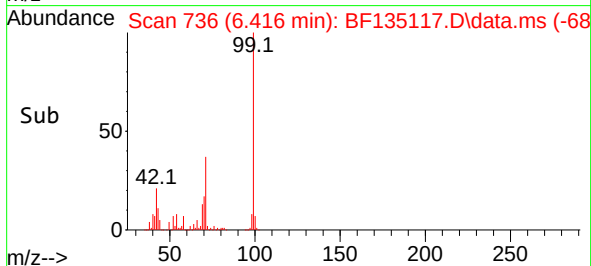
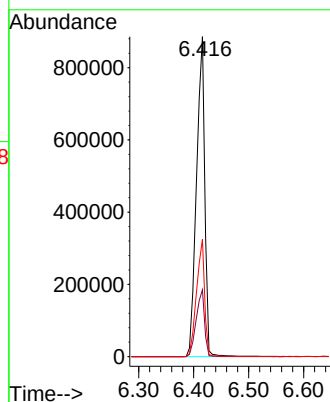
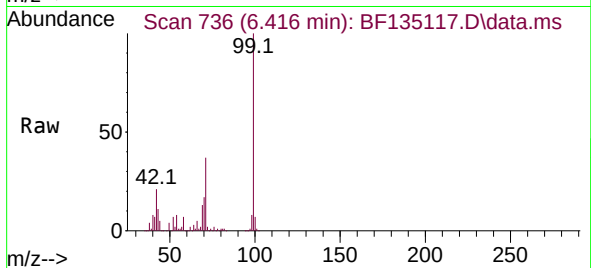
Instrument :

BNA_F

ClientSampleId :

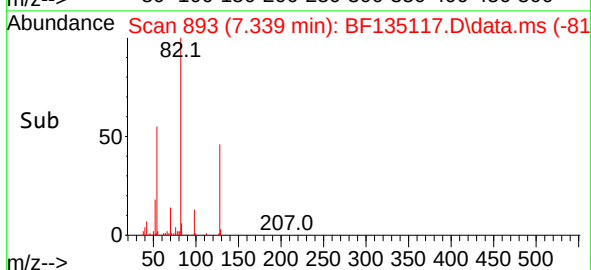
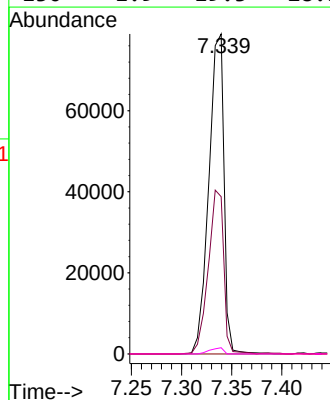
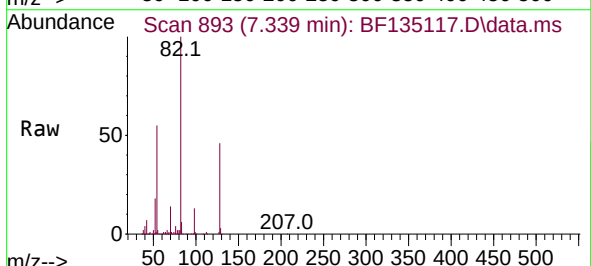
SB-6(12-12.5)

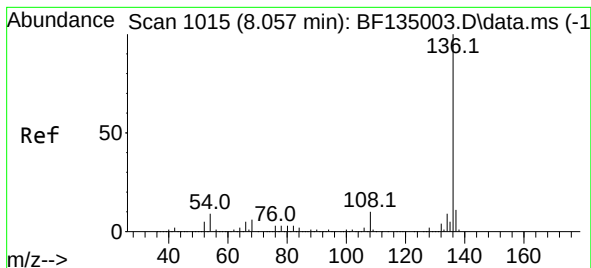
Tgt Ion: 99 Resp: 931418
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 36.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.998 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

Tgt Ion: 70 Resp: 82805
Ion Ratio Lower Upper
70 100
42 49.1 50.2 75.4#
101 0.0 8.1 12.1#
130 1.9 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF135117.D

Acq: 06 Sep 2023 03:54

Instrument :

BNA_F

ClientSampleId :

SB-6(12-12.5)

Tgt Ion:136 Resp: 455500

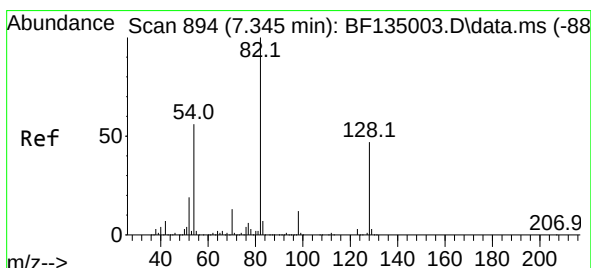
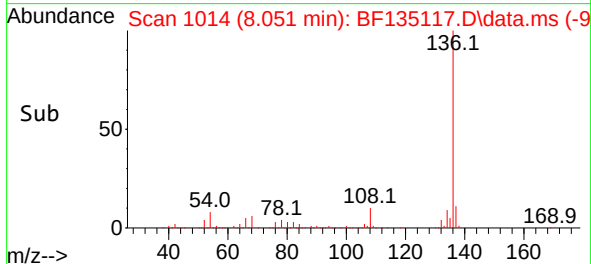
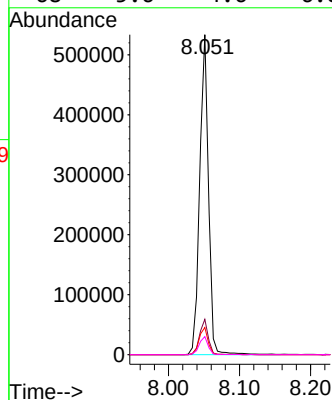
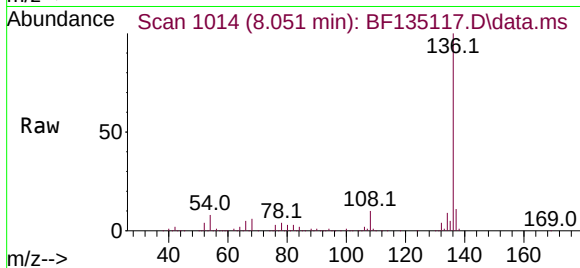
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.5 7.0 10.4

68 5.6 4.6 6.8



#23

Nitrobenzene-d5

Concen: 74.307 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF135117.D

Acq: 06 Sep 2023 03:54

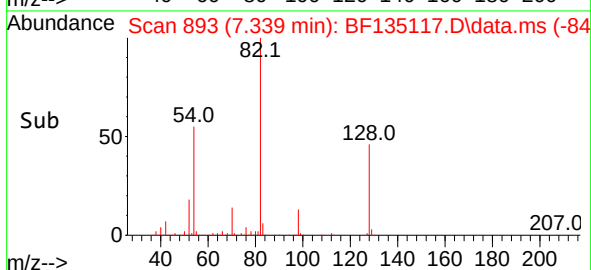
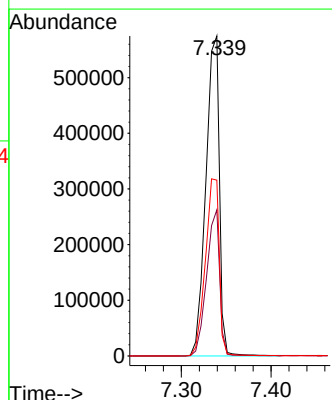
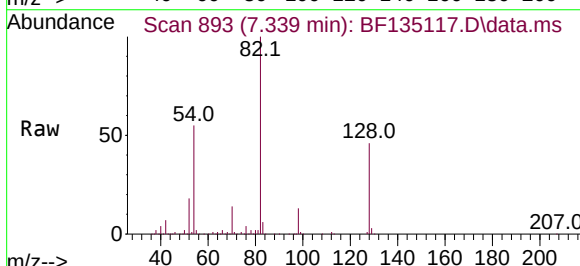
Tgt Ion: 82 Resp: 602463

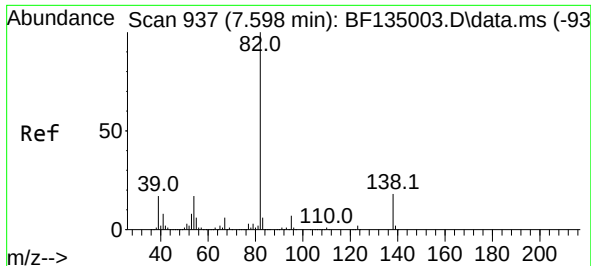
Ion Ratio Lower Upper

82 100

128 45.6 37.8 56.8

54 54.9 45.0 67.6

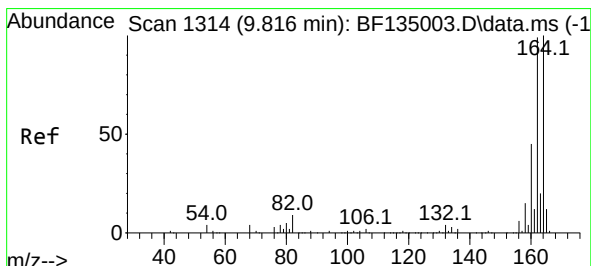
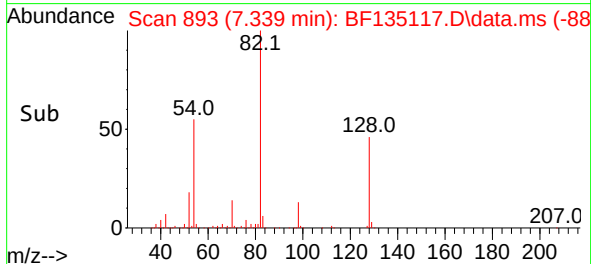
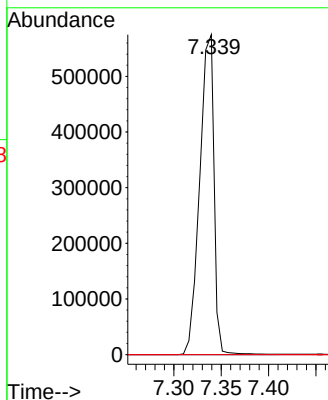
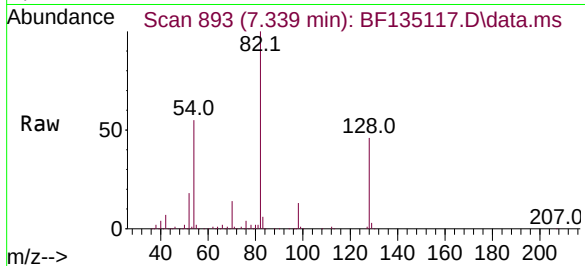




#25
Isophorone
Concen: 39.191 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

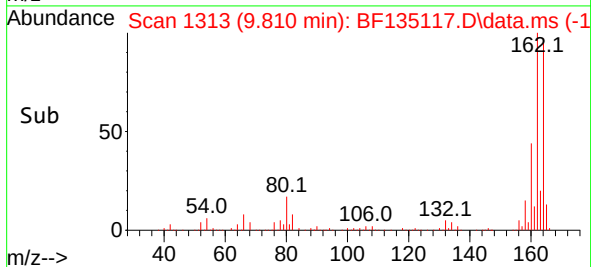
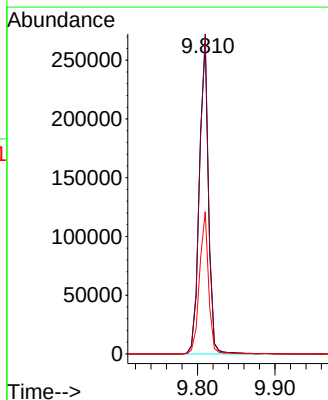
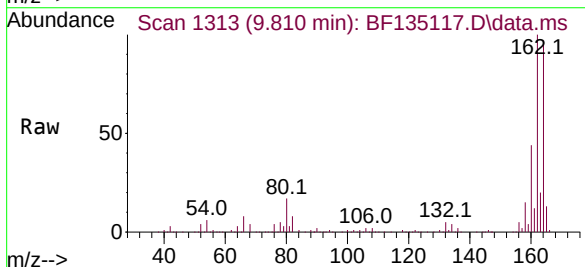
Instrument :
BNA_F
ClientSampleId :
SB-6(12-12.5)

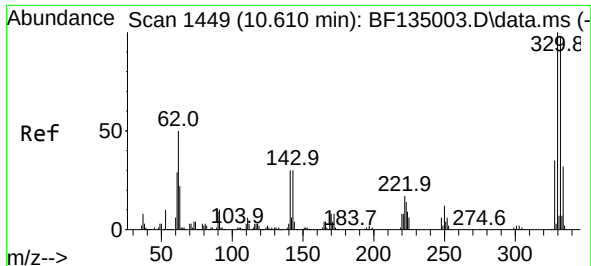
Tgt Ion: 82 Resp: 602458
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

Tgt Ion:164 Resp: 217150
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 45.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 90.682 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF135117.D

Acq: 06 Sep 2023 03:54

Instrument :

BNA_F

ClientSampleId :

SB-6(12-12.5)

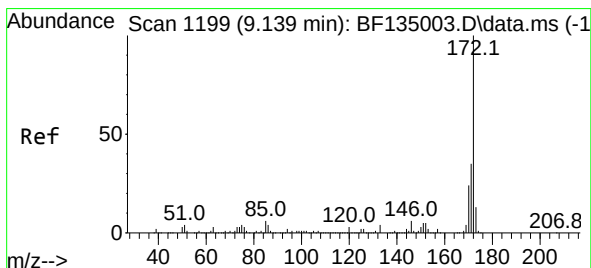
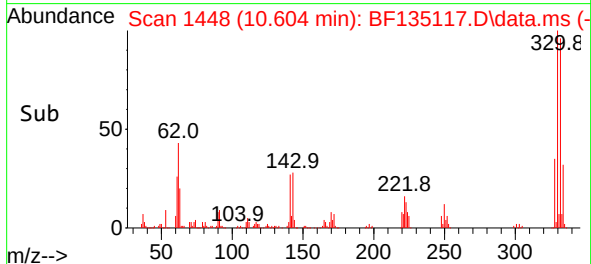
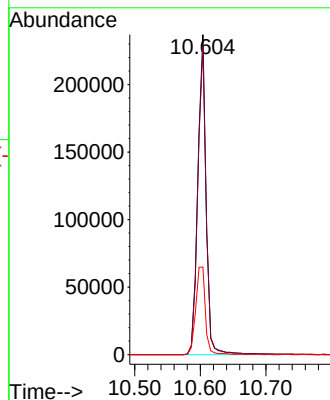
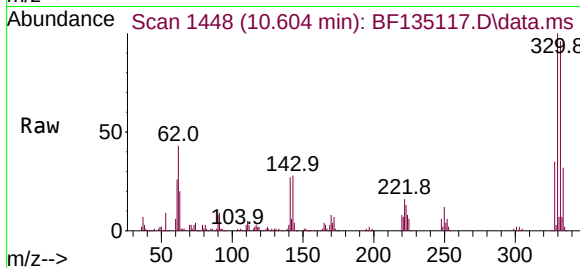
Tgt Ion:330 Resp: 208886

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 79.190 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135117.D

Acq: 06 Sep 2023 03:54

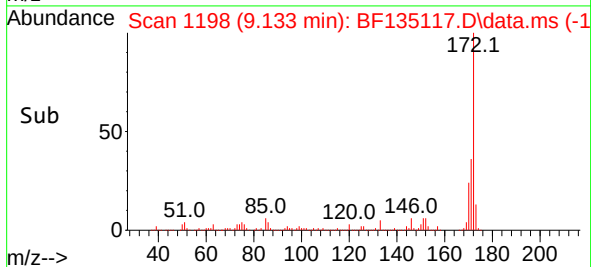
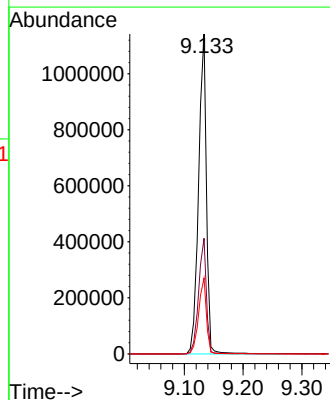
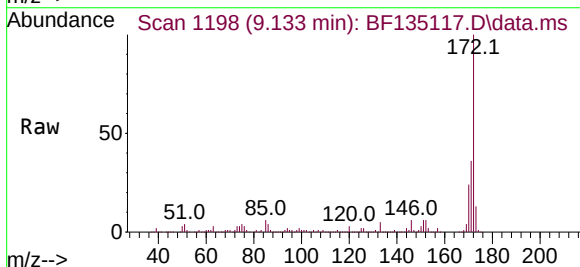
Tgt Ion:172 Resp: 1056207

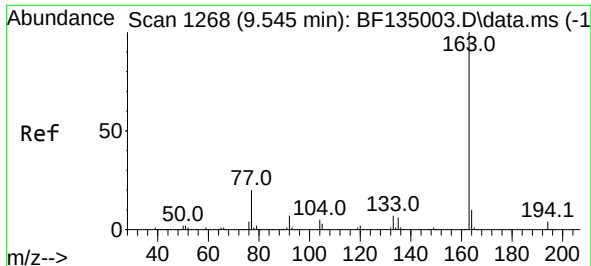
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

170 23.7 19.0 28.4

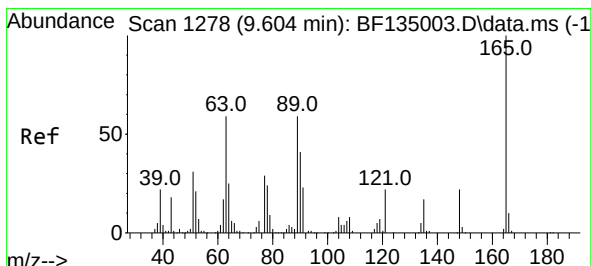
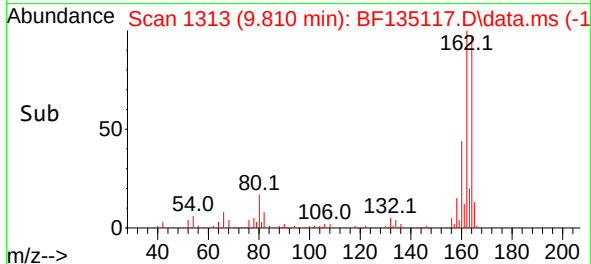
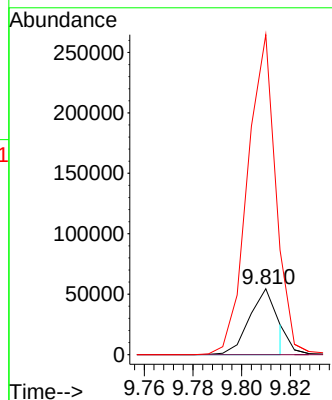
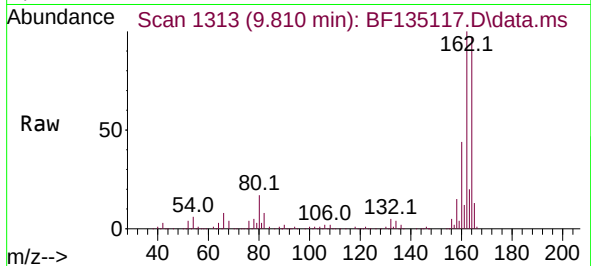




#50
Dimethylphthalate
Concen: 2.855 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

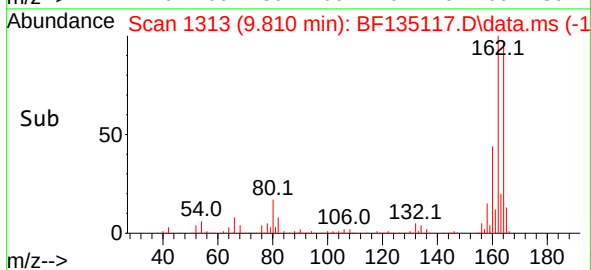
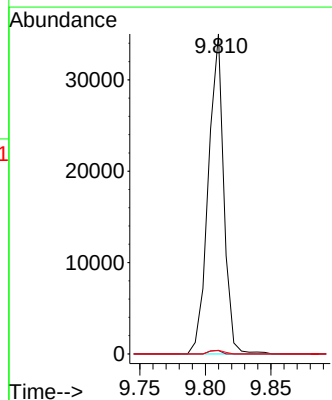
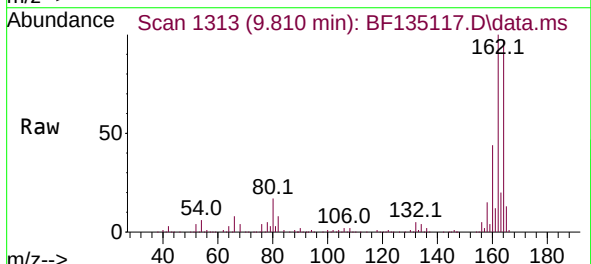
Instrument :
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SB-6(12-12.5)

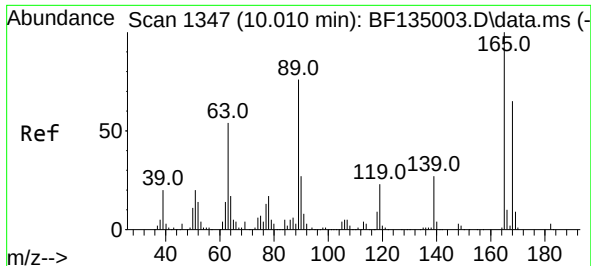
Tgt Ion:163 Resp: 43404
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 486.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.556 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

Tgt Ion:165 Resp: 28546
Ion Ratio Lower Upper
165 100
63 1.0 50.4 75.6#
89 1.1 47.1 70.7#

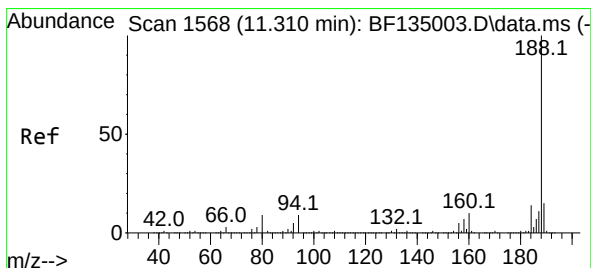
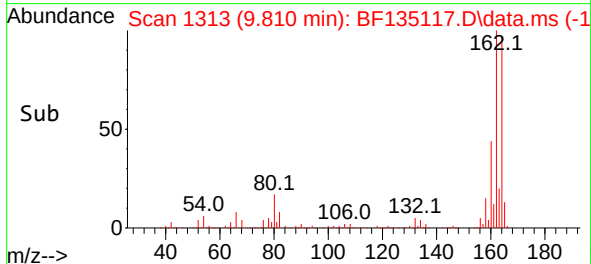
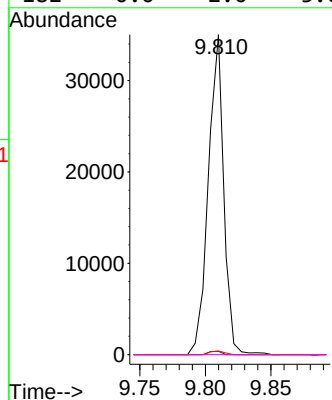
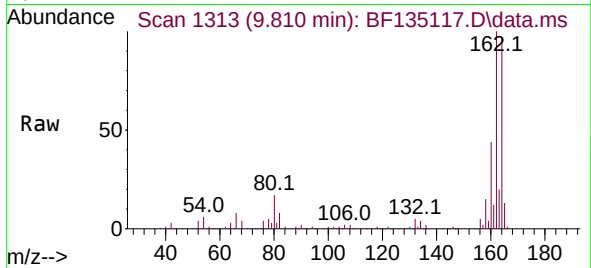




#57
2,4-Dinitrotoluene
Concen: 6.866 ng
RT: 9.810 min Scan# 1347
Delta R.T. -0.200 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

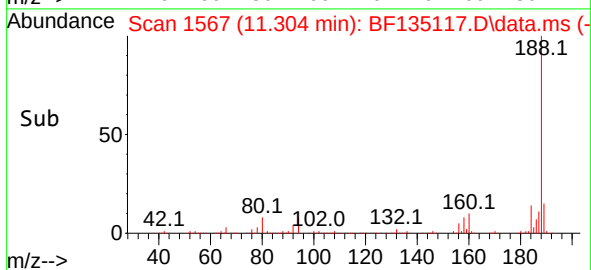
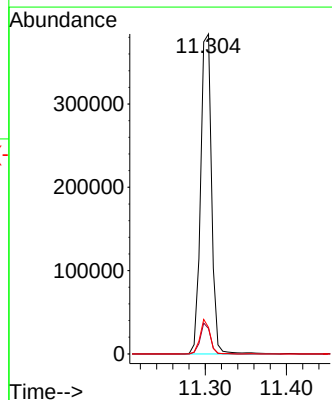
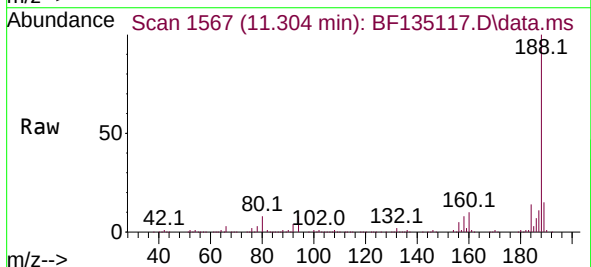
Instrument :
BNA_F
ClientSampleId :
SB-6(12-12.5)

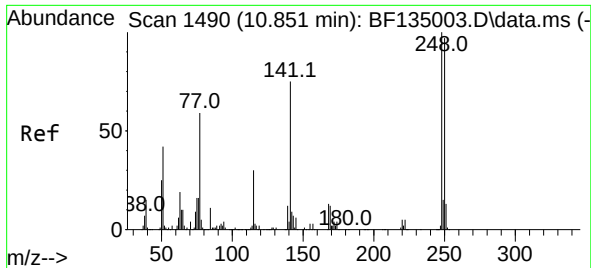
Tgt Ion:165 Resp: 28546
Ion Ratio Lower Upper
165 100
63 1.0 43.2 64.8#
89 1.1 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

Tgt Ion:188 Resp: 357642
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 8.3 7.4 11.2

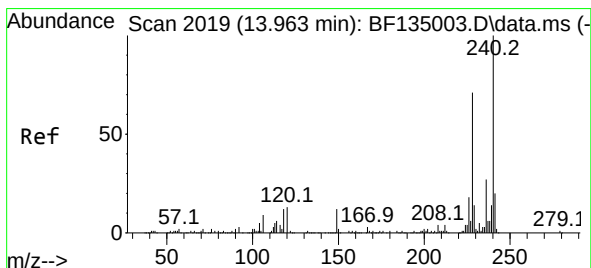
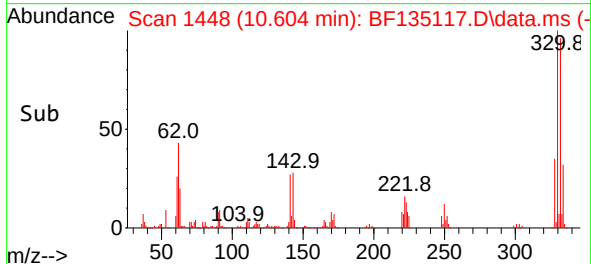
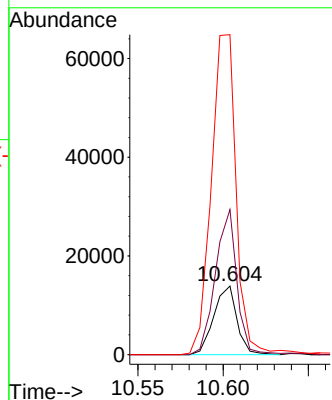
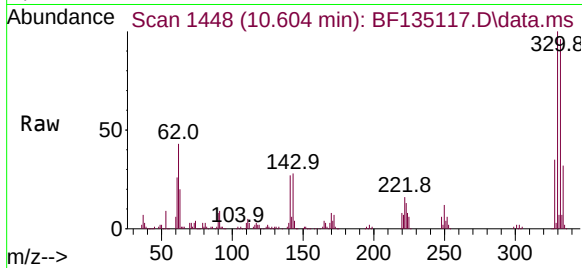




#67
4-Bromophenyl-phenylether
Concen: 3.453 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

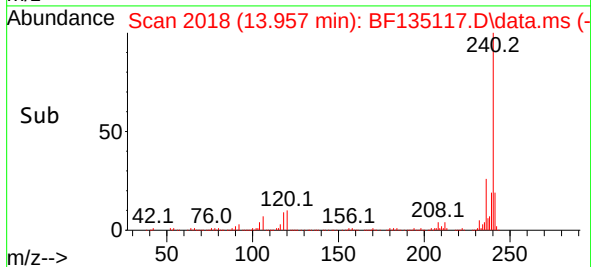
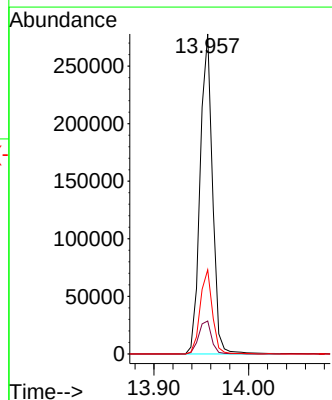
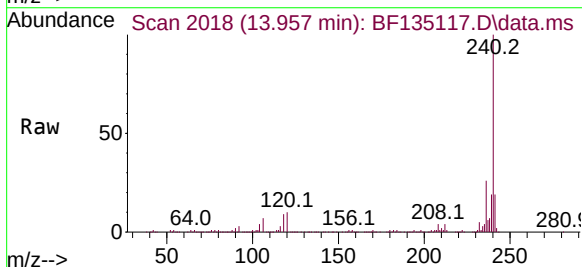
Instrument :
BNA_F
ClientSampleId :
SB-6(12-12.5)

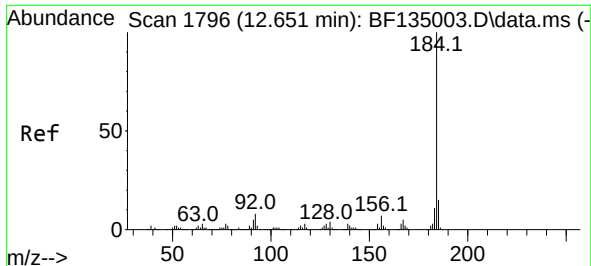
Tgt Ion:248 Resp: 13100
Ion Ratio Lower Upper
248 100
250 211.4 77.9 116.9#
141 466.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

Tgt Ion:240 Resp: 250922
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.2
236 26.3 21.3 31.9

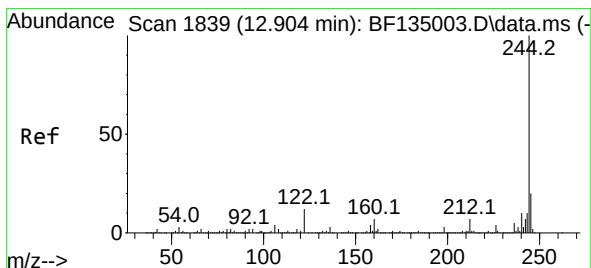
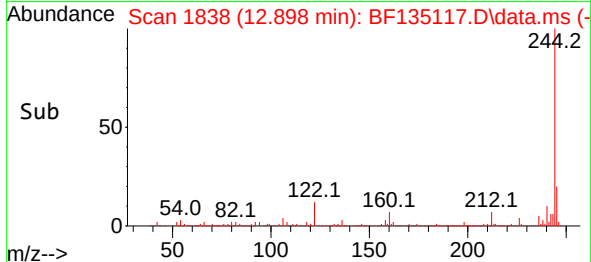
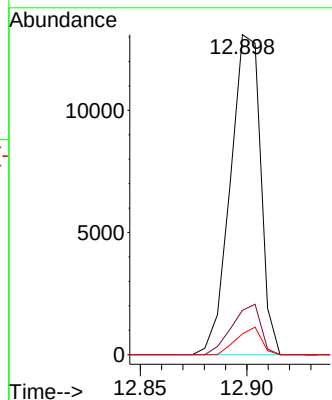
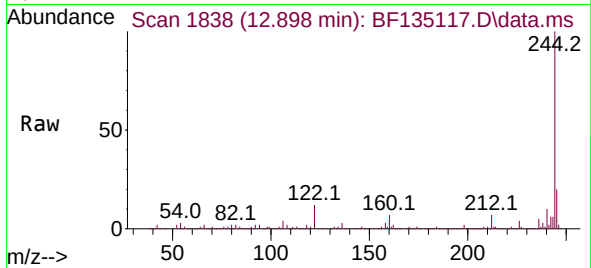




#77
Benzidine
Concen: 2.852 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

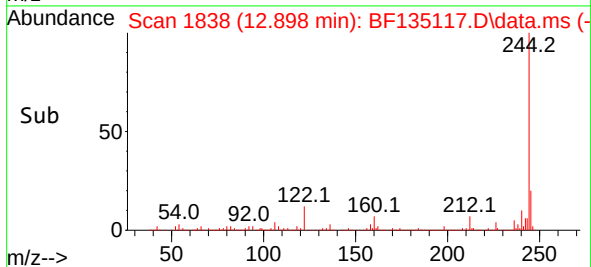
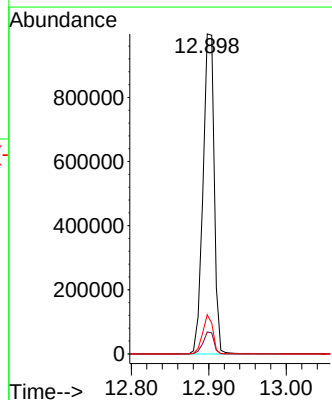
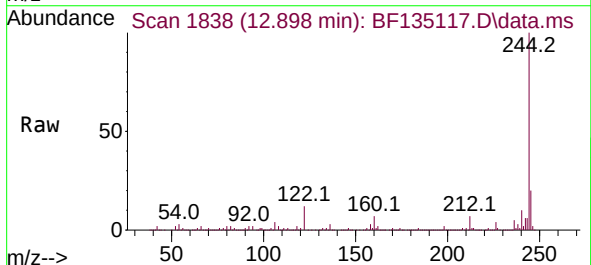
Instrument :
BNA_F
ClientSampleId :
SB-6(12-12.5)

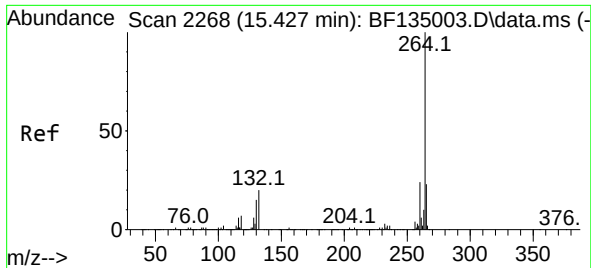
Tgt Ion:184 Resp: 12901
Ion Ratio Lower Upper
184 100
185 13.8 12.0 18.0
183 6.5 9.0 13.6#



#79
Terphenyl-d14
Concen: 65.015 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135117.D
Acq: 06 Sep 2023 03:54

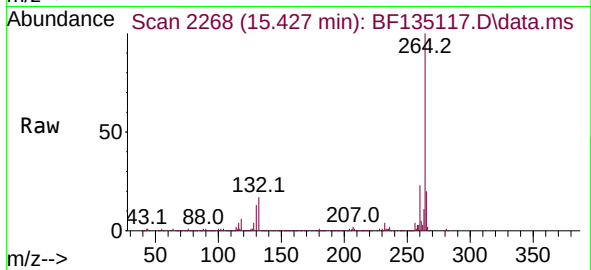
Tgt Ion:244 Resp: 999679
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 12.2 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135117.D
 Acq: 06 Sep 2023 03:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(12-12.5)



Tgt Ion:264 Resp: 217461

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.6
265	20.4	18.2	27.2

