

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135063.D
 Acq On : 01 Sep 2023 02:45
 Operator : CG\JU
 Sample : 04093-02DL2 1000X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z52-53DL2

Quant Time: Sep 01 03:42:41 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)

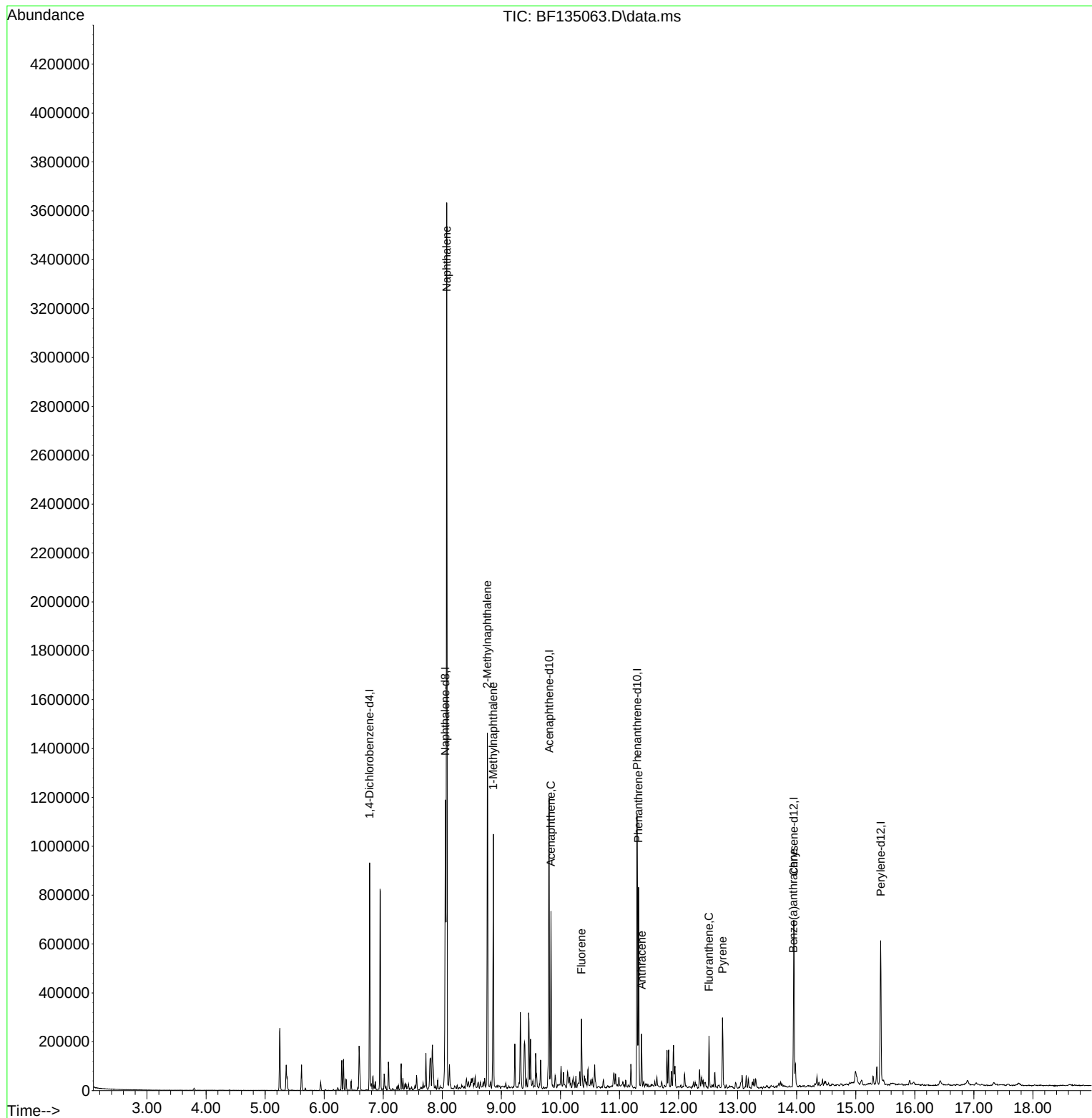
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	124921	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	502667	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	234138	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	389478	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	218604	20.000	ng	-0.01
86) Perylene-d12	15.421	264	255670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.128	172	1326	0.092	ng	-0.01
79) Terphenyl-d14	12.892	244	2043	0.153	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.075	128	1441543	58.707	ng	99
37) 2-Methylnaphthalene	8.763	142	376267	22.966	ng	99
38) 1-Methylnaphthalene	8.863	142	232926	15.194	ng	100
52) Acenaphthene	9.839	154	135190	10.432	ng	98
58) Fluorene	10.357	166	69329	4.865	ng	96
71) Phenanthrene	11.322	178	292195	14.542	ng	99
72) Anthracene	11.375	178	76040	3.704	ng	97
75) Fluoranthene	12.516	202	76236	3.753	ng	98
78) Pyrene	12.745	202	110261	5.312	ng	99
81) Benzo(a)anthracene	13.945	228	40290	2.702	ng #	73

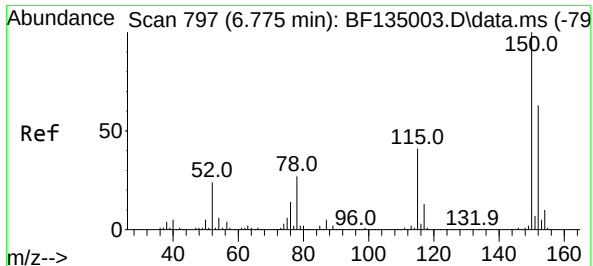
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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NEVINS-SB04-Z52-53DL2

Quant Time: Sep 01 03:42:41 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

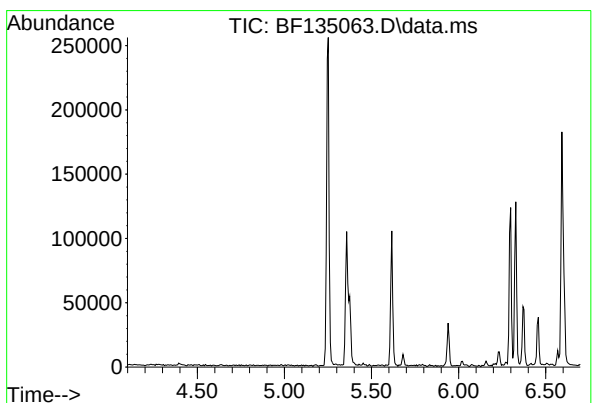
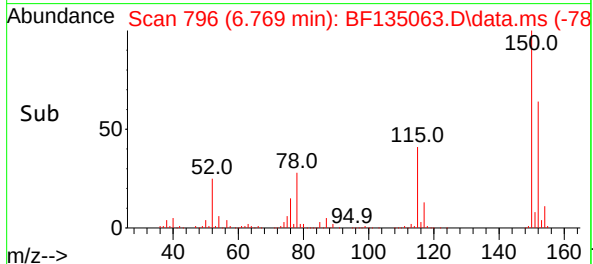
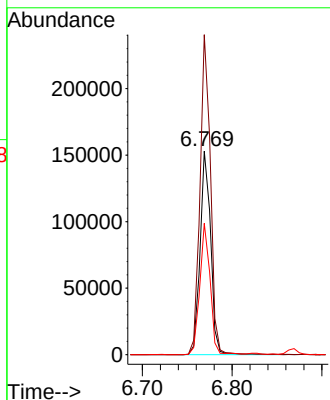
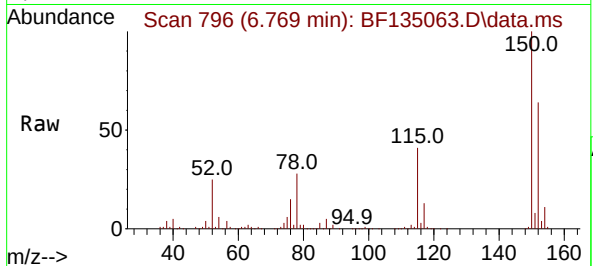




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135063.D
 Acq: 01 Sep 2023 02:45

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z52-53DL2

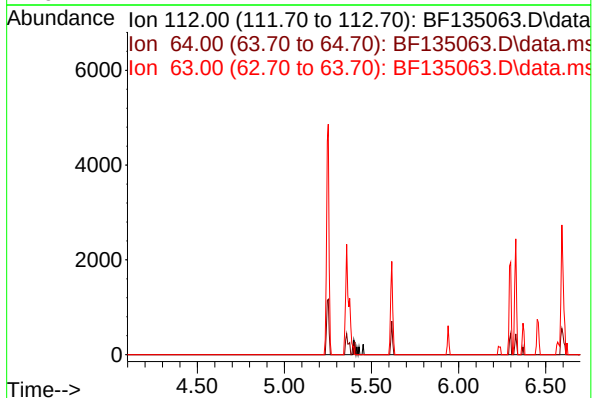
Tgt Ion:152 Resp: 124921
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.2 189.4
 115 64.6 51.2 76.8

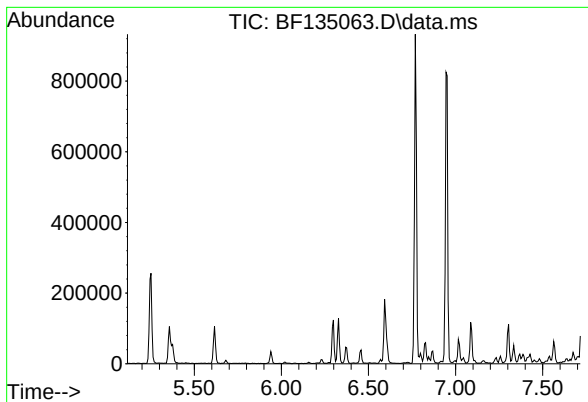


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.40 min

Lab File: BF135063.D
 Acq: 01 Sep 2023 02:45

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 63.1
 63 32.4



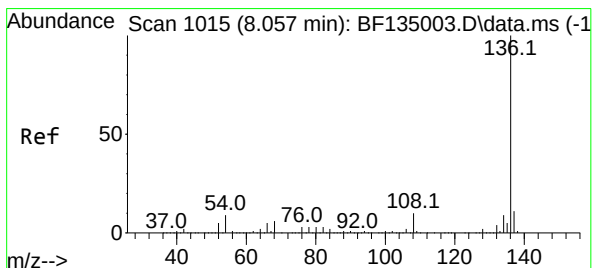
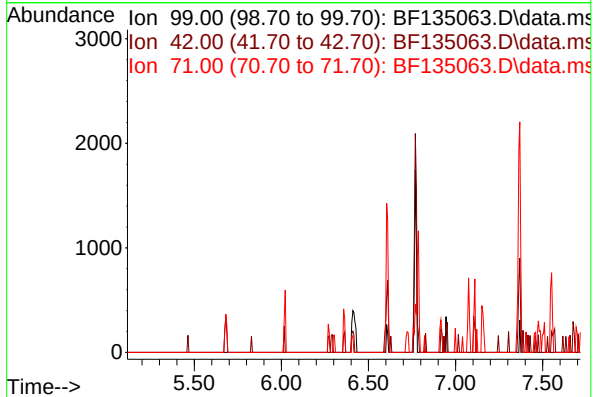


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.42 min
 Lab File: BF135063.D
 Acq: 01 Sep 2023 02:45

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z52-53DL2

Tgt Ion: 99

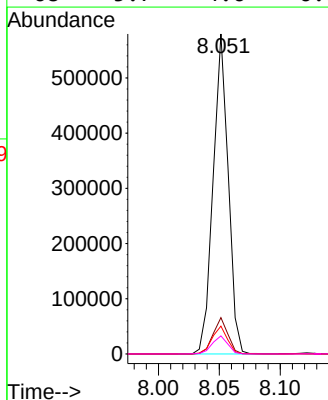
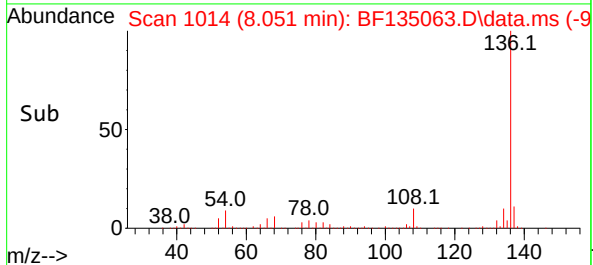
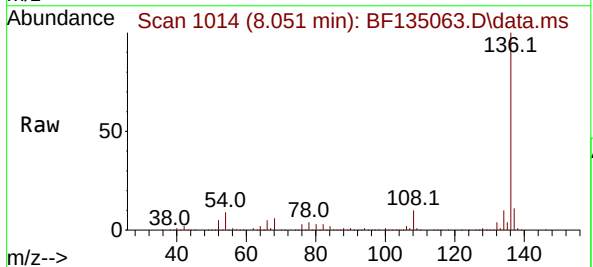
Sig	Exp Ratio
99	100
42	20.8
71	33.8

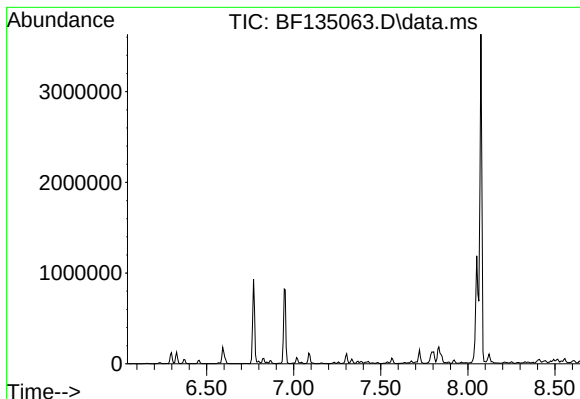


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.051 min Scan# 1014
 Delta R.T. -0.006 min
 Lab File: BF135063.D
 Acq: 01 Sep 2023 02:45

Tgt Ion: 136 Resp: 502667

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.7	7.0	10.4
68	5.7	4.6	6.8



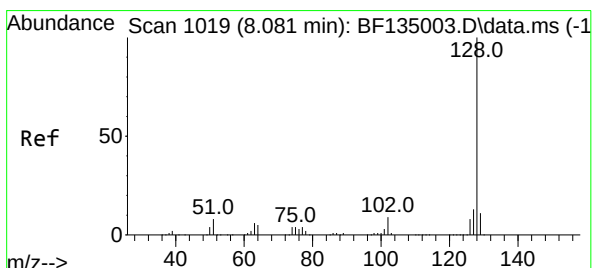
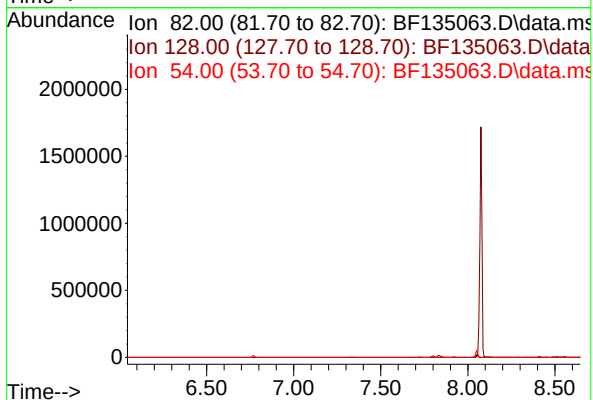


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.35 min
 Lab File: BF135063.D
 Acq: 01 Sep 2023 02:45

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z52-53DL2

Tgt Ion: 82

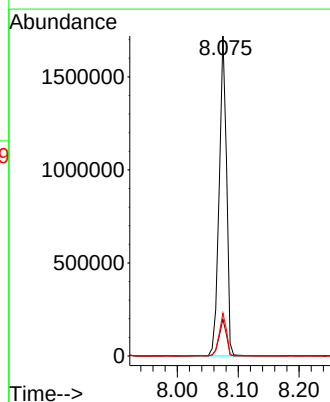
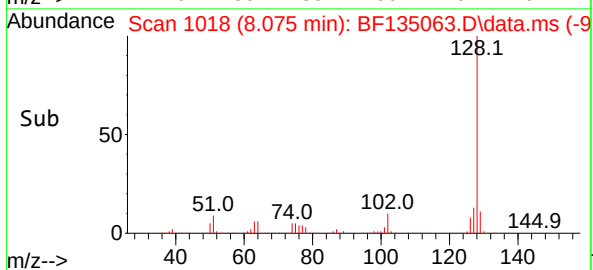
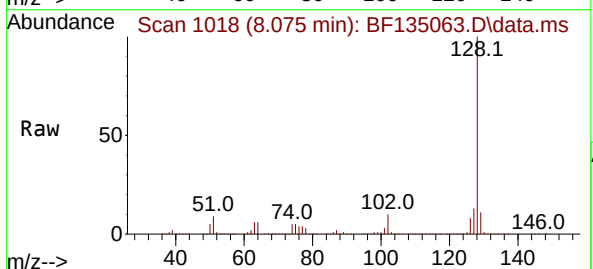
Sig	Exp Ratio
82	100
128	47.3
54	56.3

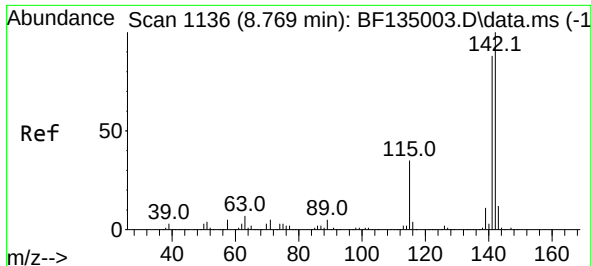


#31
 Naphthalene
 Concen: 58.707 ng
 RT: 8.075 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: BF135063.D
 Acq: 01 Sep 2023 02:45

Tgt Ion: 128 Resp: 1441543

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.4	10.6	16.0





#37

2-Methylnaphthalene

Concen: 22.966 ng

RT: 8.763 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF135063.D

Acq: 01 Sep 2023 02:45

Instrument :

BNA_F

ClientSampleId :

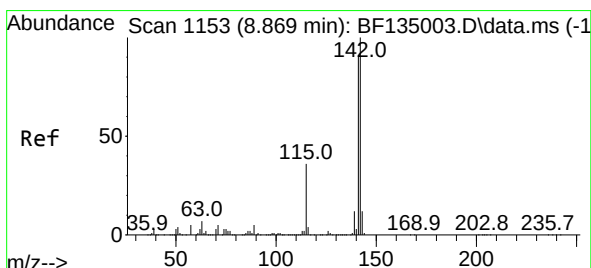
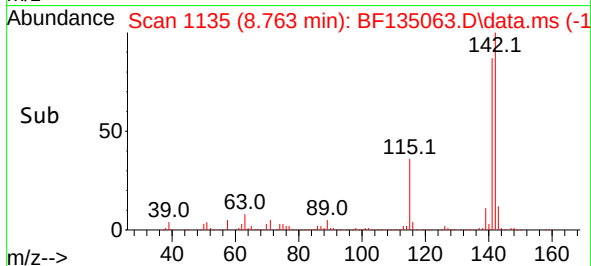
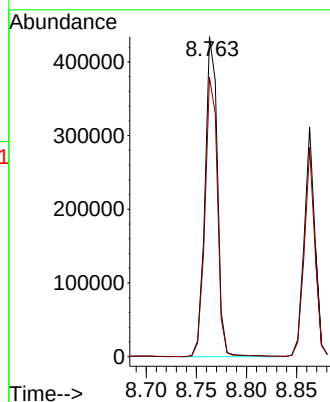
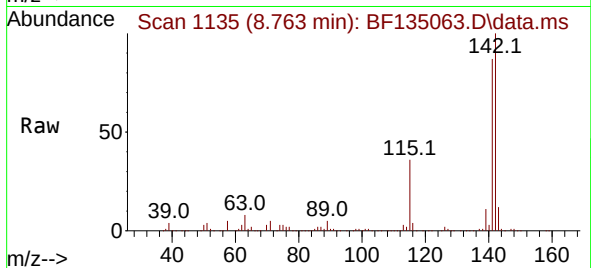
NEVINS-SB04-Z52-53DL2

Tgt Ion:142 Resp: 376267

Ion Ratio Lower Upper

142 100

141 87.3 70.7 106.1



#38

1-Methylnaphthalene

Concen: 15.194 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF135063.D

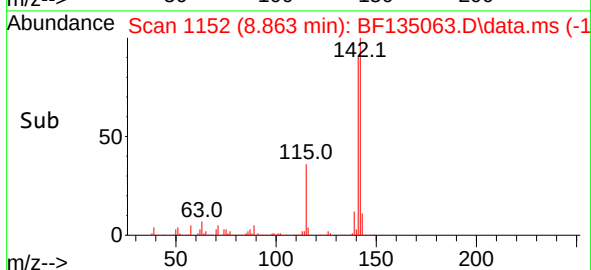
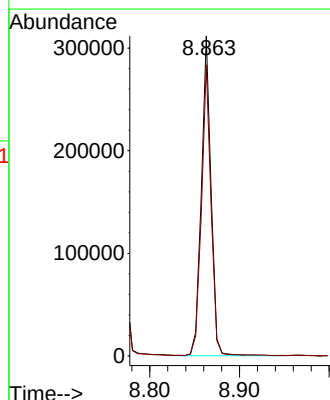
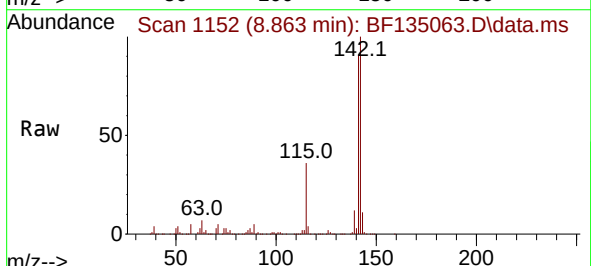
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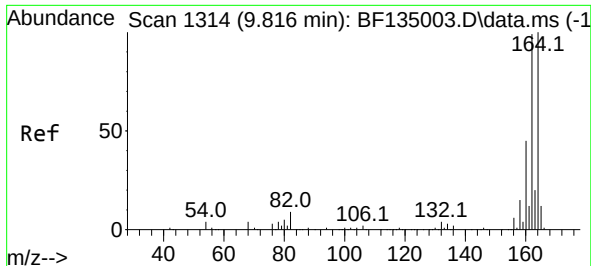
Tgt Ion:142 Resp: 232926

Ion Ratio Lower Upper

142 100

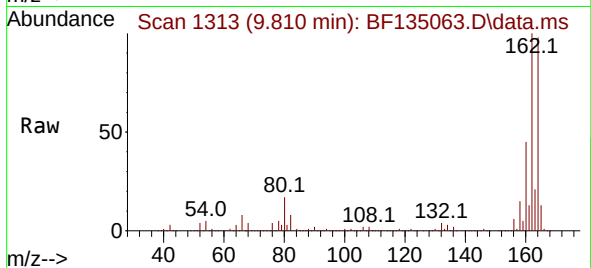
141 91.0 73.0 109.4



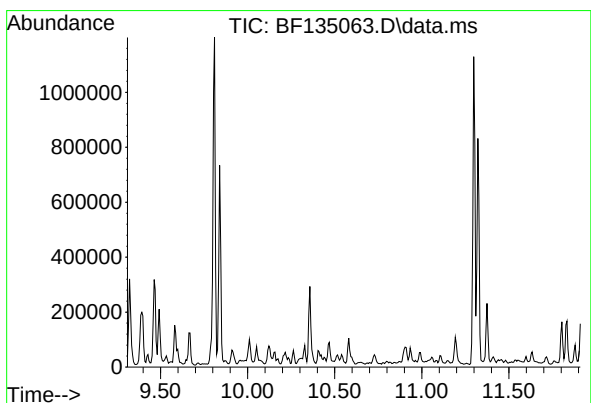
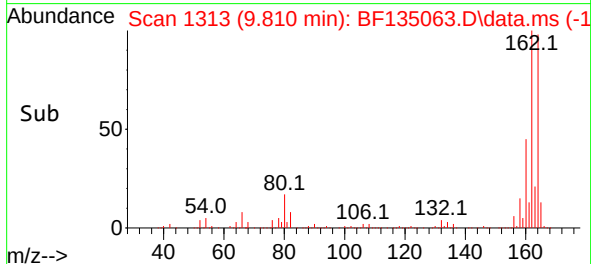
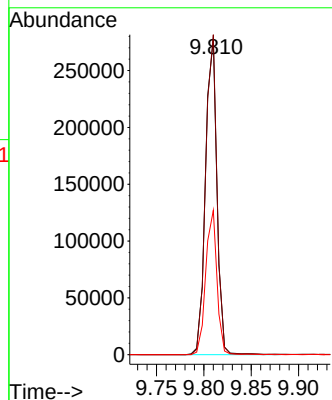


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53DL2



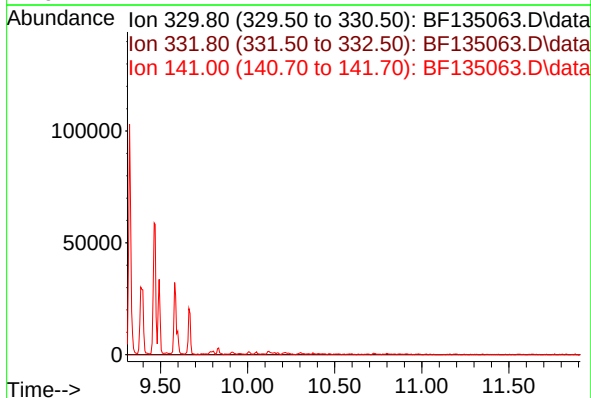
Tgt Ion:164 Resp: 234138
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 45.8 36.0 54.0

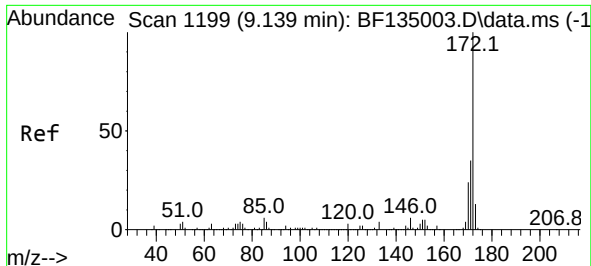


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.61 min

Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

Tgt Ion: 330
Sig Exp Ratio
330 100
332 97.0
141 32.9

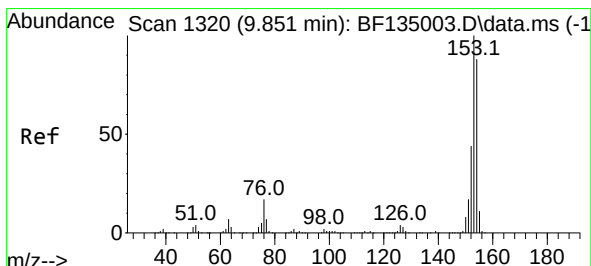
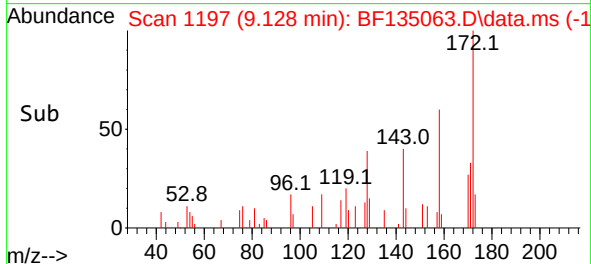
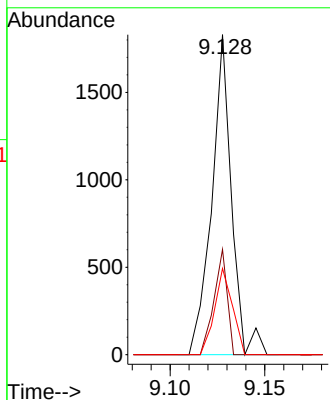
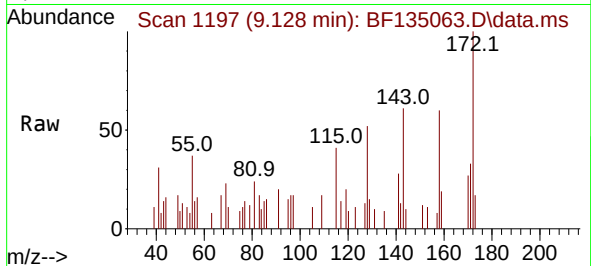




#45
2-Fluorobiphenyl
Concen: 0.092 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

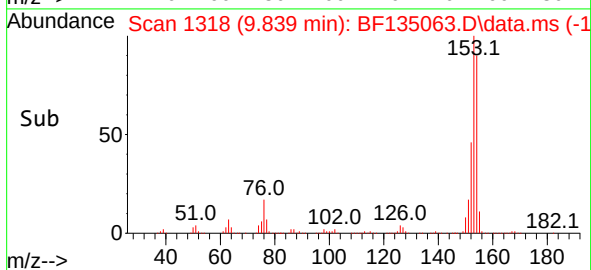
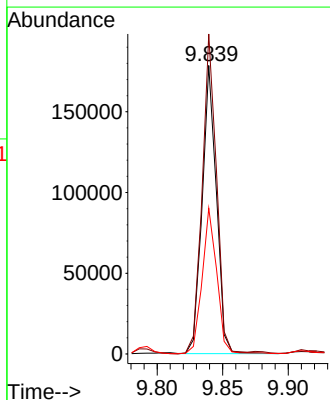
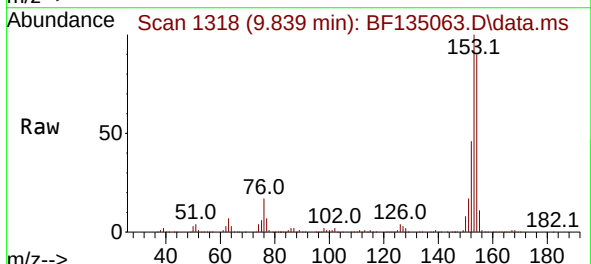
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53DL2

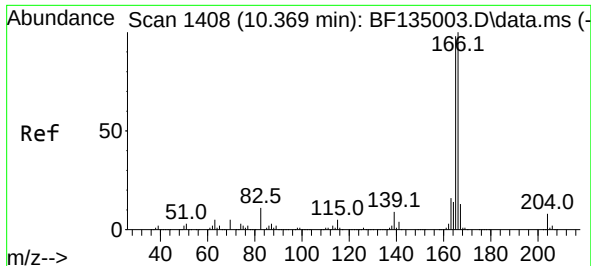
Tgt Ion:172	Resp:	1326
Ion Ratio	Lower	Upper
172	100	
171	32.9	28.2 42.2
170	26.9	19.0 28.4



#52
Acenaphthene
Concen: 10.432 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

Tgt Ion:154	Resp:	135190
Ion Ratio	Lower	Upper
154	100	
153	110.9	90.8 136.2
152	50.5	40.2 60.4

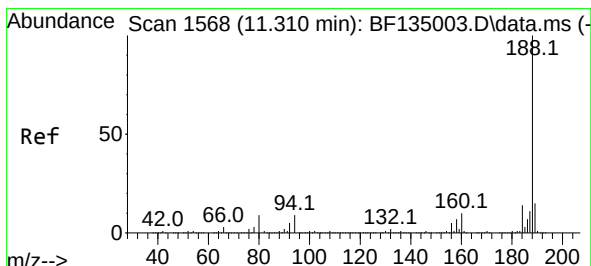
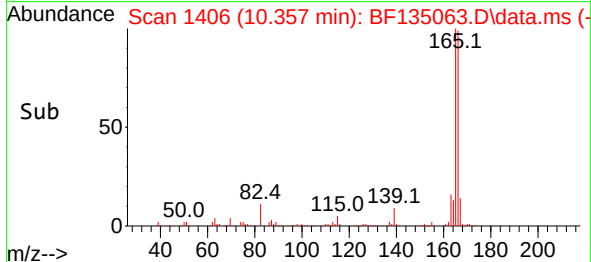
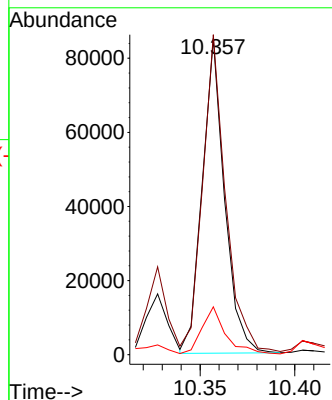
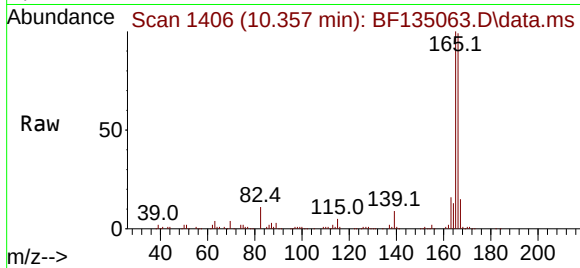




#58
Fluorene
Concen: 4.865 ng
RT: 10.357 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

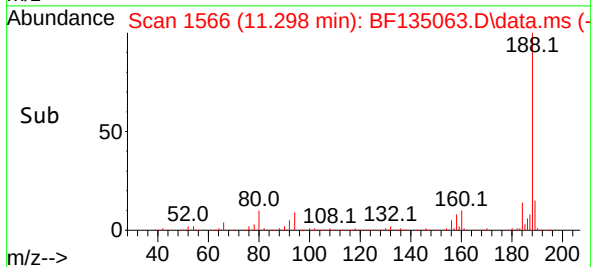
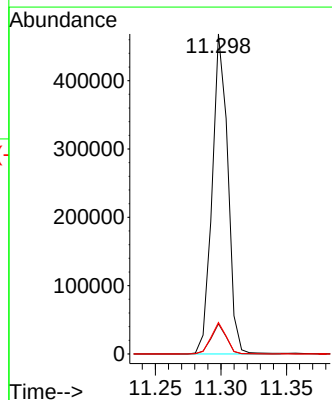
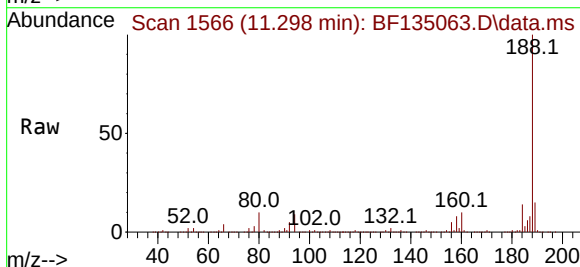
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53DL2

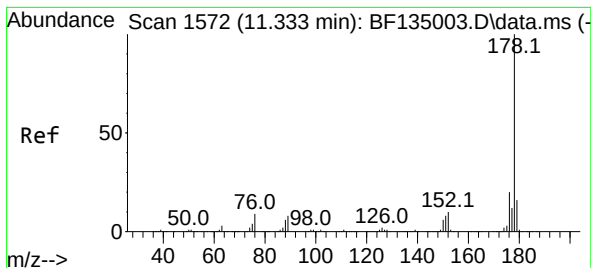
Tgt Ion:166 Resp: 69329
Ion Ratio Lower Upper
166 100
165 101.2 78.0 117.0
167 15.1 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

Tgt Ion:188 Resp: 389478
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 9.9 7.4 11.2





#71

Phenanthrene

Concen: 14.542 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135063.D

Acq: 01 Sep 2023 02:45

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53DL2

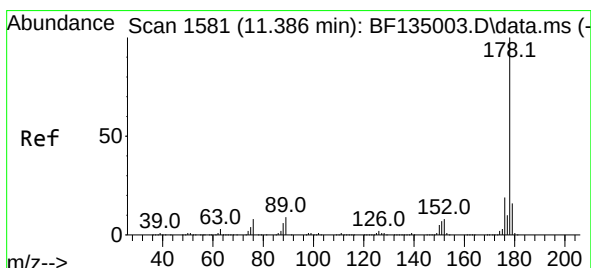
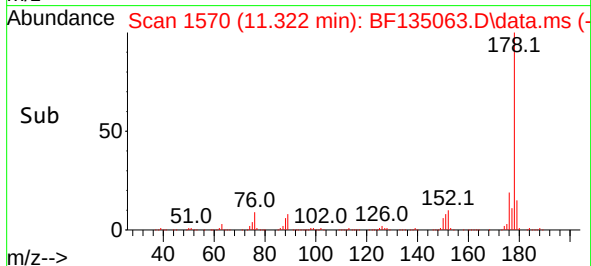
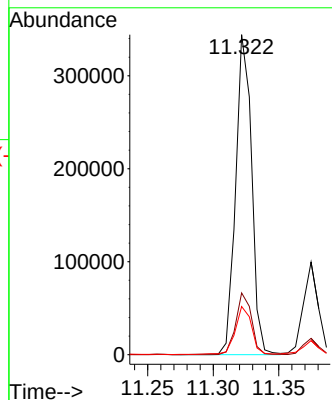
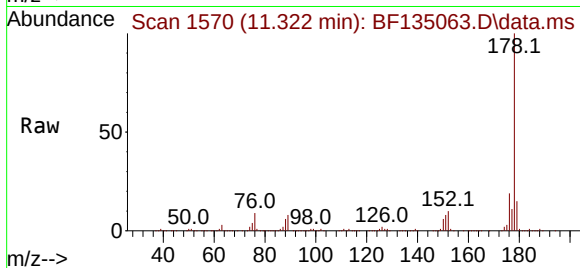
Tgt Ion:178 Resp: 292195

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

179 15.1 12.5 18.7



#72

Anthracene

Concen: 3.704 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF135063.D

Acq: 01 Sep 2023 02:45

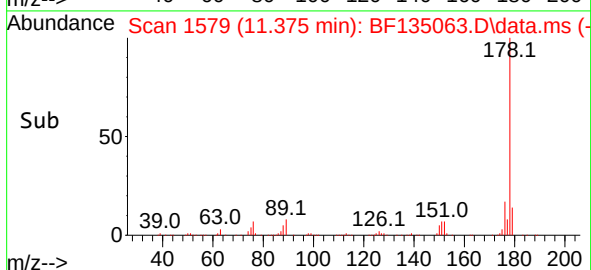
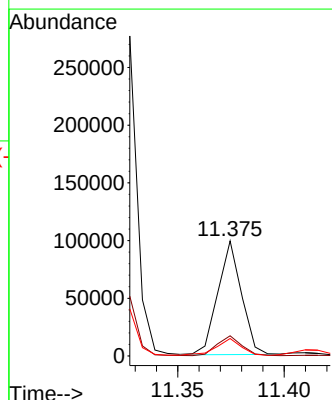
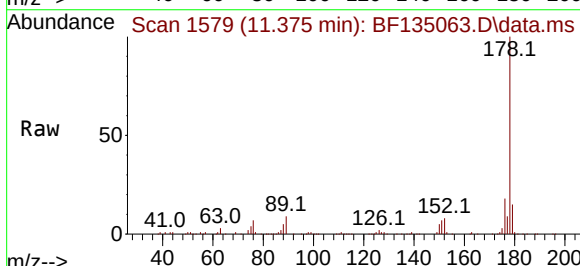
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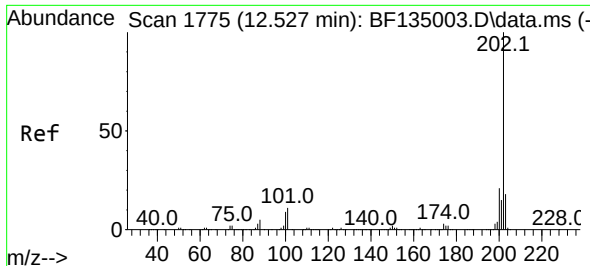
Ion Ratio Lower Upper

178 100

176 17.6 15.4 23.2

179 15.1 12.8 19.2

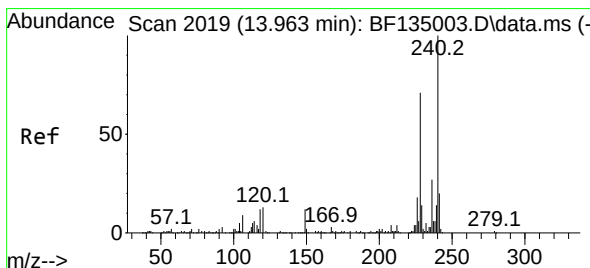
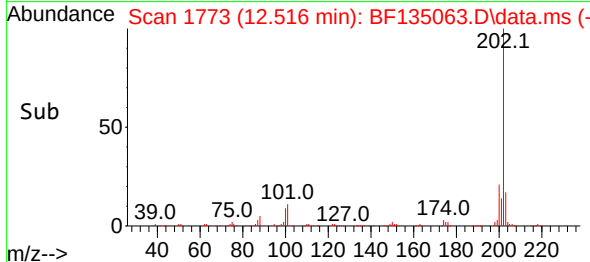
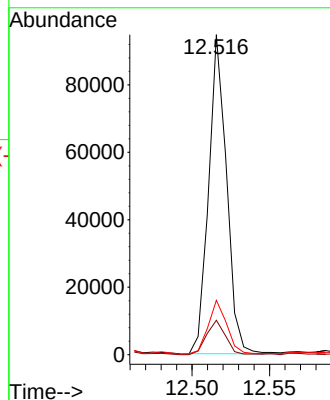
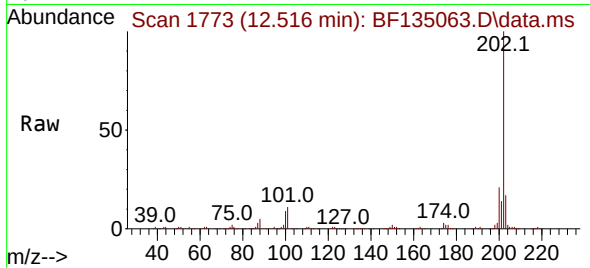




#75
Fluoranthene
Concen: 3.753 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

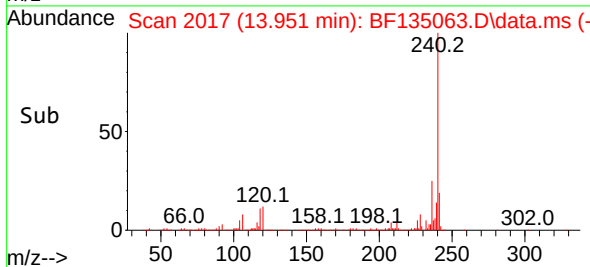
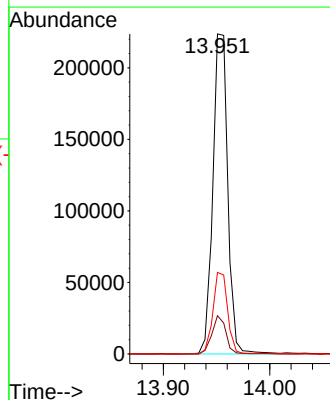
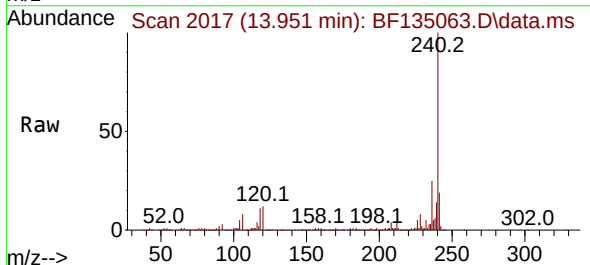
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53DL2

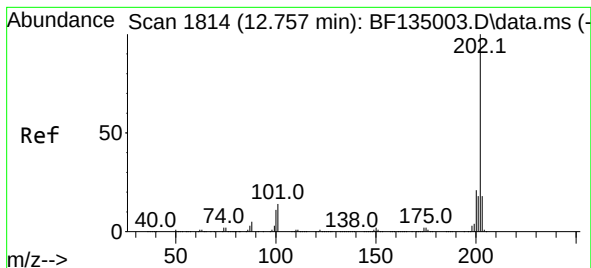
Tgt Ion:202 Resp: 76236
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 17.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

Tgt Ion:240 Resp: 218604
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.2
236 25.5 21.3 31.9





#78

Pyrene

Concen: 5.312 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF135063.D

Acq: 01 Sep 2023 02:45

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z52-53DL2

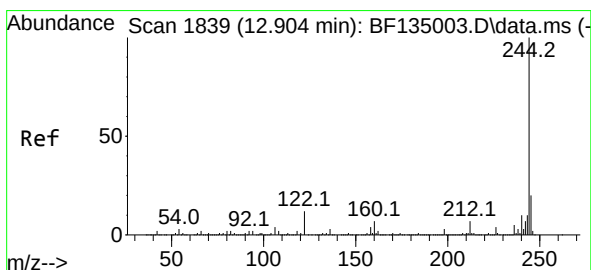
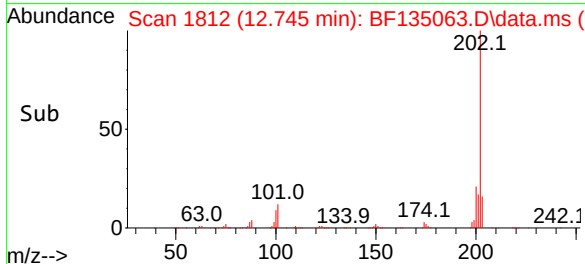
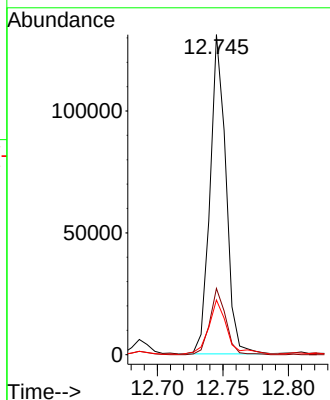
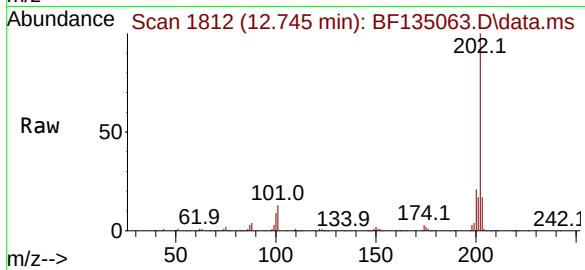
Tgt Ion:202 Resp: 110261

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 17.1 14.2 21.2



#79

Terphenyl-d14

Concen: 0.153 ng

RT: 12.892 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF135063.D

Acq: 01 Sep 2023 02:45

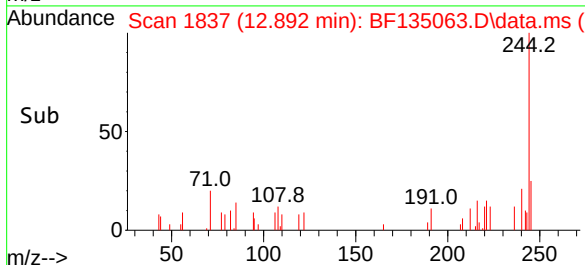
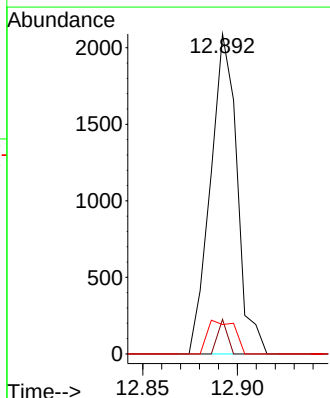
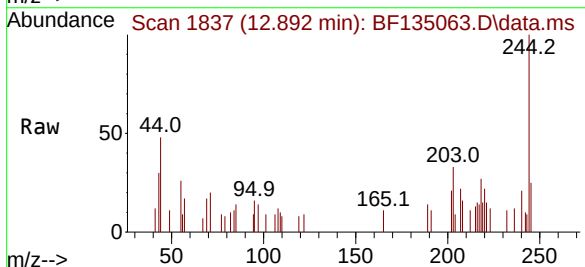
Tgt Ion:244 Resp: 2043

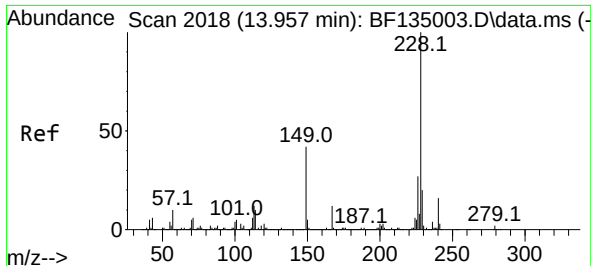
Ion Ratio Lower Upper

244 100

212 10.8 5.6 8.4#

122 9.2 9.8 14.6#

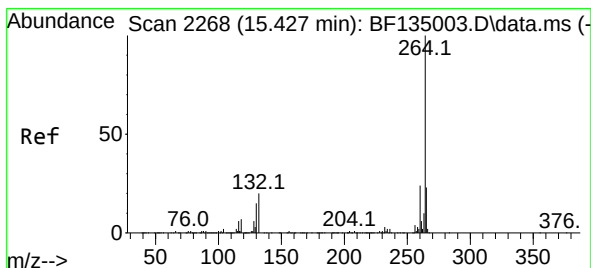
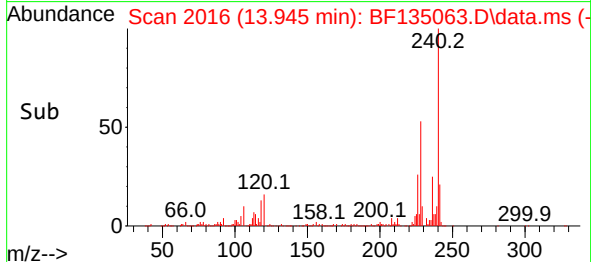
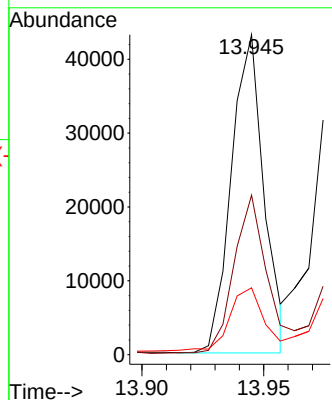
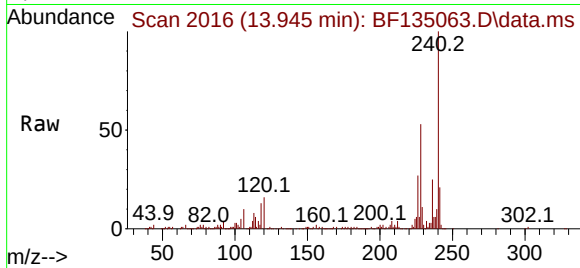




#81
Benzo(a)anthracene
Concen: 2.702 ng
RT: 13.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53DL2

Tgt Ion:228 Resp: 40290
Ion Ratio Lower Upper
228 100
226 49.8 21.6 32.4#
229 20.9 15.6 23.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF135063.D
Acq: 01 Sep 2023 02:45

Tgt Ion:264 Resp: 255670
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.3 18.2 27.2

