

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135084.D
 Acq On : 01 Sep 2023 19:17
 Operator : CG\JU
 Sample : 04093-03DL2 1000X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z83-84DL2

Quant Time: Sep 04 01:09:30 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)

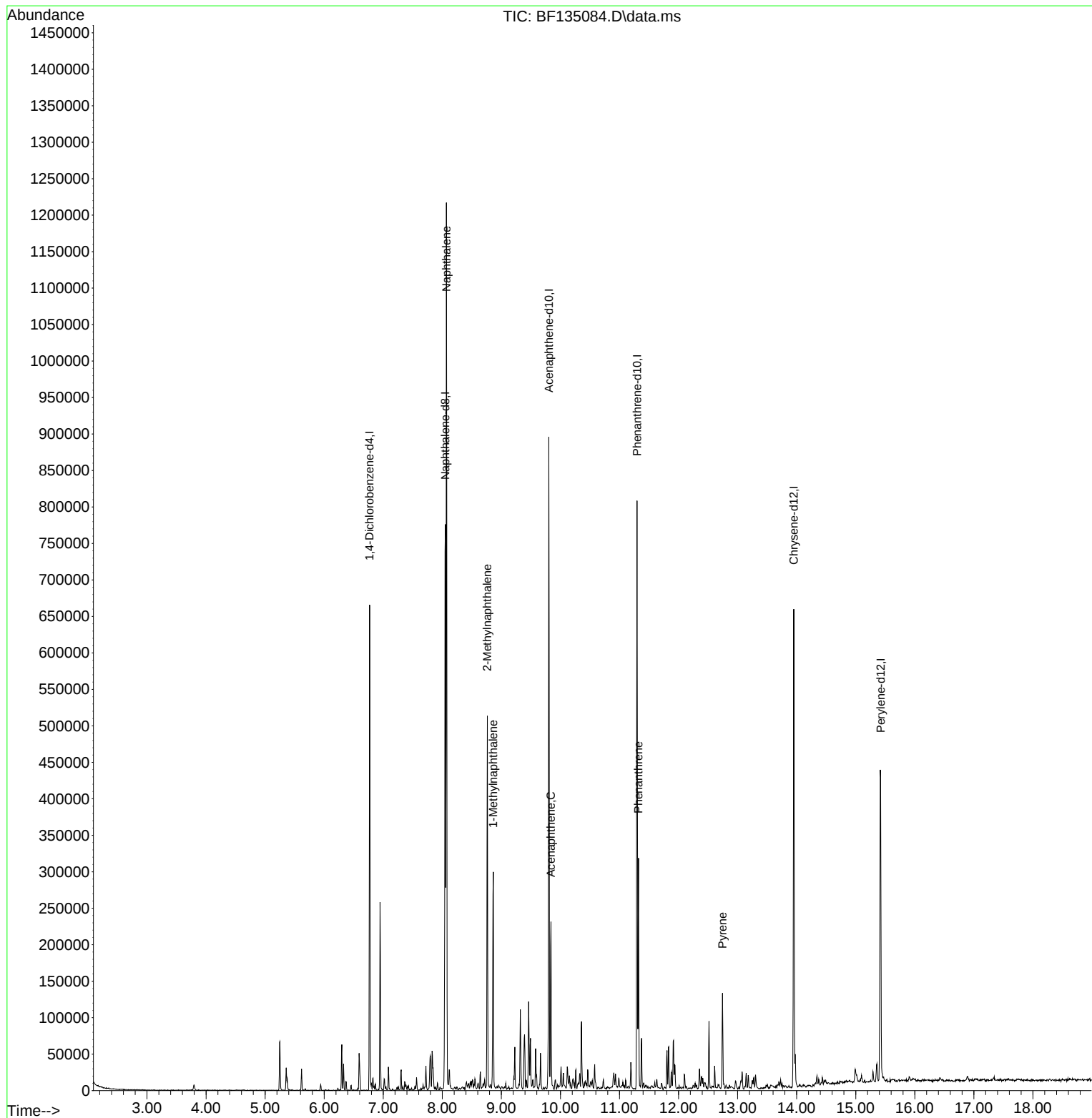
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	89115	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	350170	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	167783	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	272174	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	195861	20.000	ng	-0.01
86) Perylene-d12	15.421	264	207399	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	722	0.070	ng	-0.01
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
31) Naphthalene	8.069	128	479517	28.033	ng	100
37) 2-Methylnaphthalene	8.763	142	121230	10.622	ng	98
38) 1-Methylnaphthalene	8.863	142	78609	7.361	ng	99
52) Acenaphthene	9.839	154	46416	4.998	ng	97
71) Phenanthrene	11.322	178	107855	7.681	ng	98
78) Pyrene	12.745	202	50791	2.731	ng	97

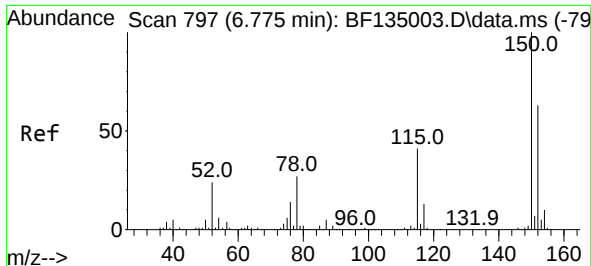
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135084.D
Acq On : 01 Sep 2023 19:17
Operator : CG\JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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NEVINS-SB04-Z83-84DL2

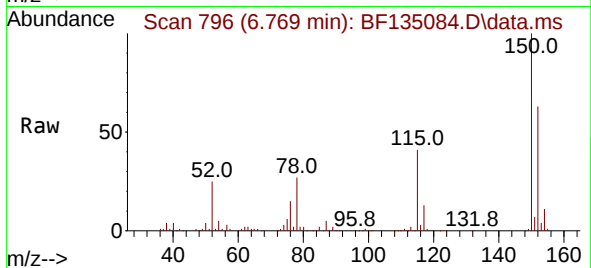
Quant Time: Sep 04 01:09:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration



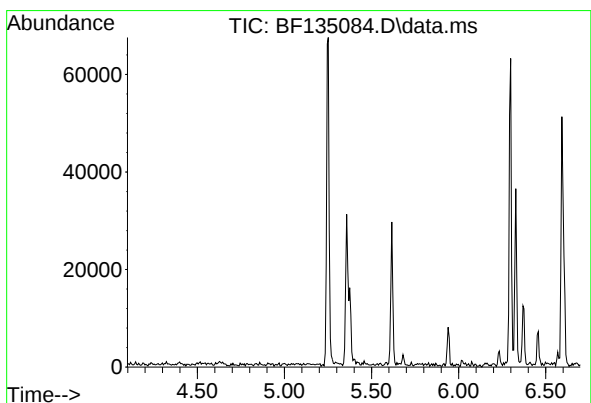
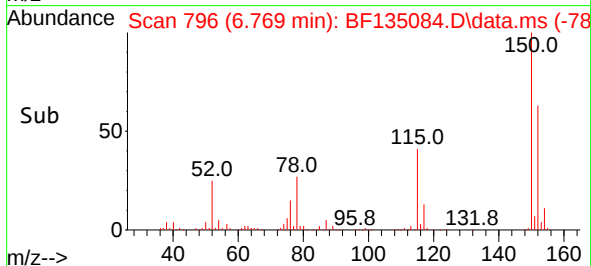
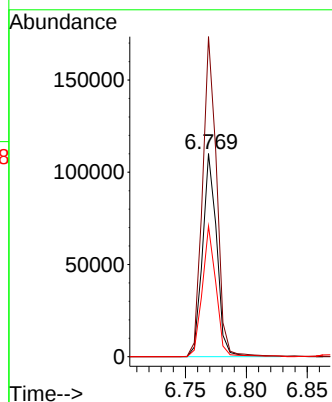


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135084.D
 Acq: 01 Sep 2023 19:17

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z83-84DL2



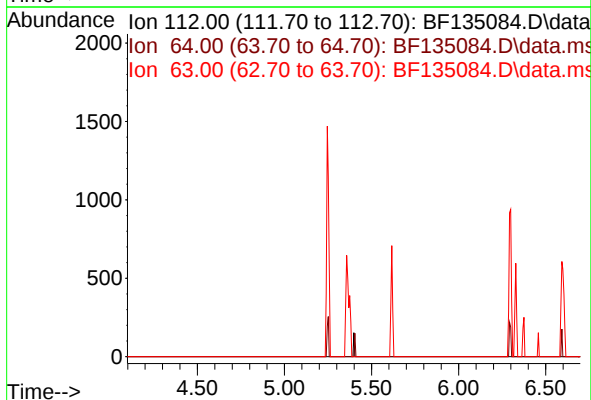
Tgt Ion:152 Resp: 89115
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.4
 115 64.3 51.2 76.8



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

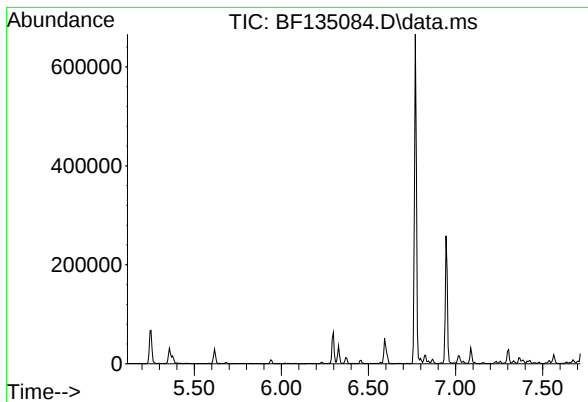
Lab File: BF135084.D
 Acq: 01 Sep 2023 19:17

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



Ion 64.00 (63.70 to 64.70): BF135084.D\data.ms

Ion 63.00 (62.70 to 63.70): BF135084.D\data.ms

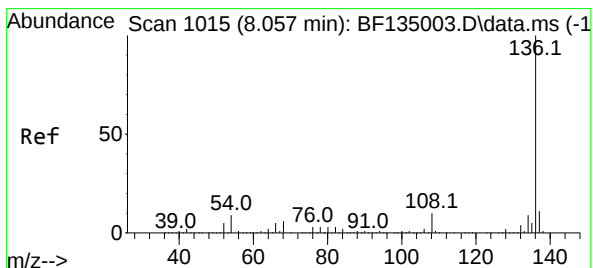
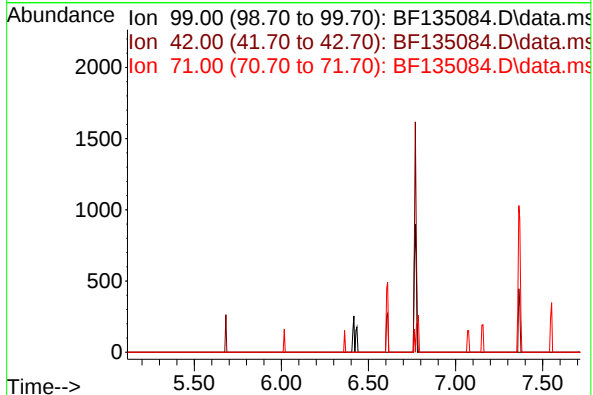


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.42 min
 Lab File: BF135084.D
 Acq: 01 Sep 2023 19:17

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z83-84DL2

Tgt Ion: 99

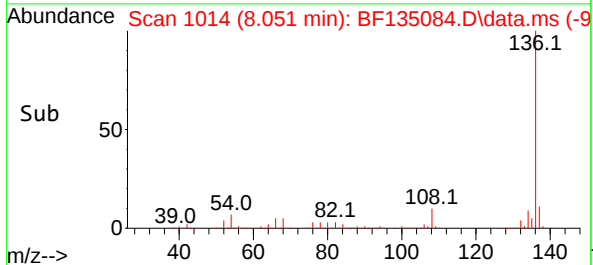
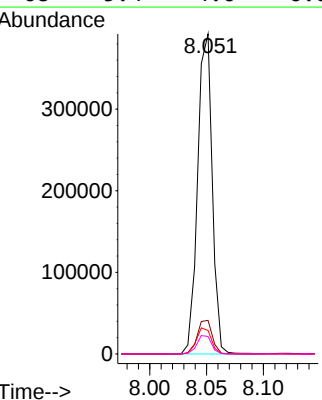
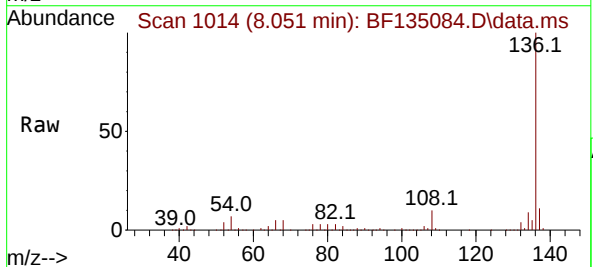
Sig	Exp Ratio
99	100
42	20.8
71	33.8

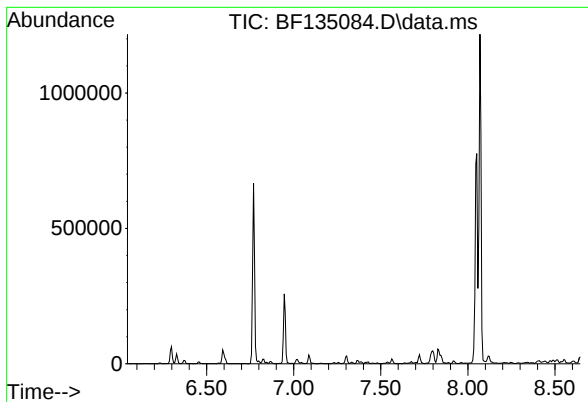


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.051 min Scan# 1014
 Delta R.T. -0.006 min
 Lab File: BF135084.D
 Acq: 01 Sep 2023 19:17

Tgt Ion: 136 Resp: 350170

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.3	7.0	10.4
68	5.4	4.6	6.8

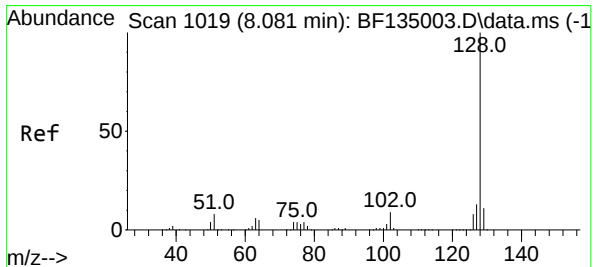
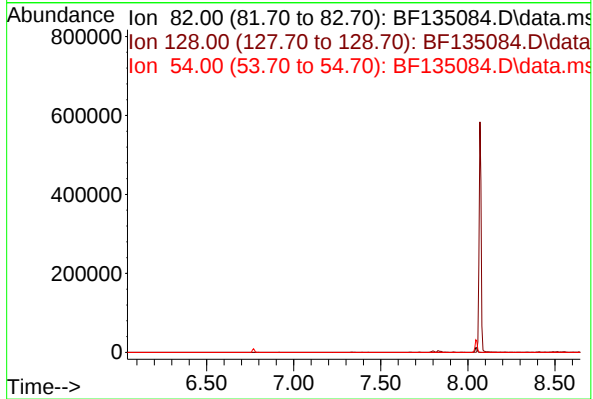




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.35 min
 Lab File: BF135084.D
 Acq: 01 Sep 2023 19:17

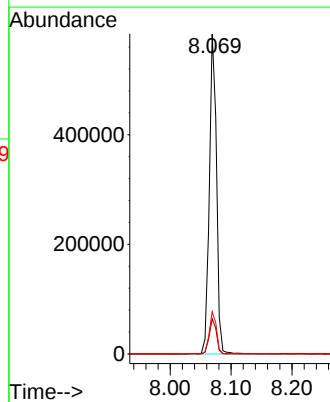
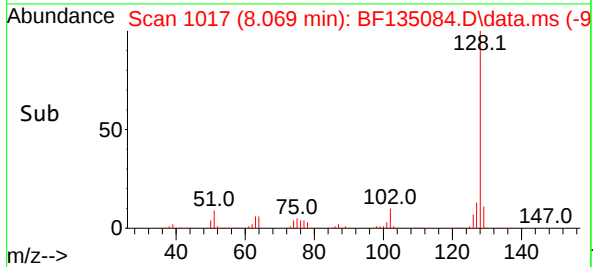
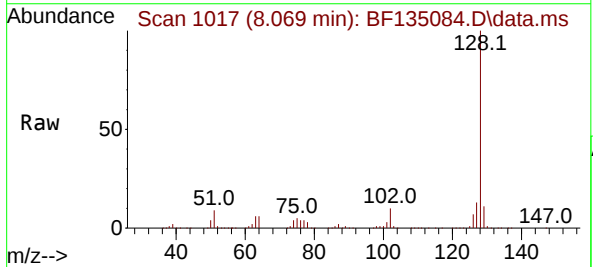
Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z83-84DL2

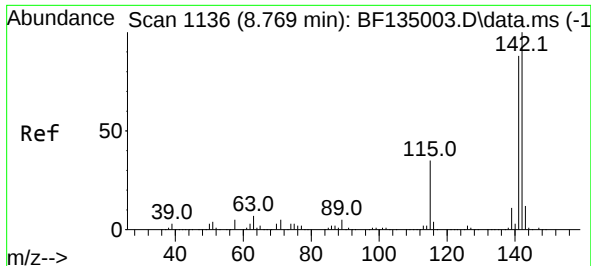
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 47.3
 54 56.3



#31
 Naphthalene
 Concen: 28.033 ng
 RT: 8.069 min Scan# 1017
 Delta R.T. -0.012 min
 Lab File: BF135084.D
 Acq: 01 Sep 2023 19:17

Tgt Ion: 128 Resp: 479517
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 13.0
 127 13.2 10.6 16.0





#37

2-Methylnaphthalene

Concen: 10.622 ng

RT: 8.763 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF135084.D

Acq: 01 Sep 2023 19:17

Instrument :

BNA_F

ClientSampleId :

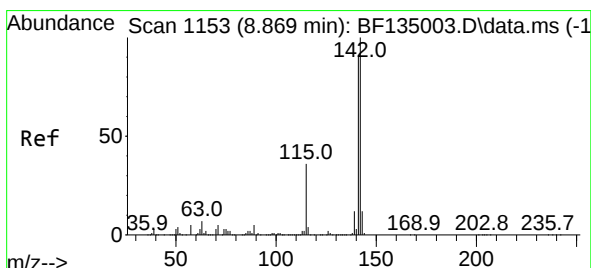
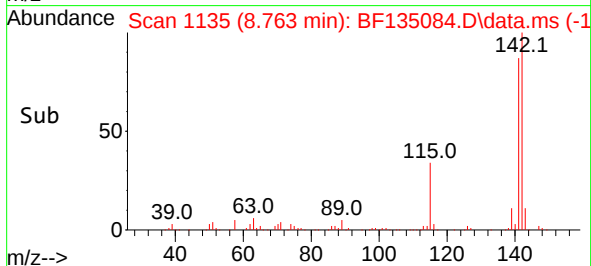
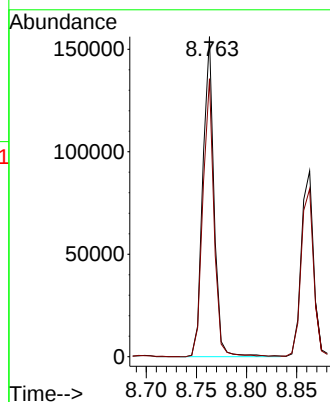
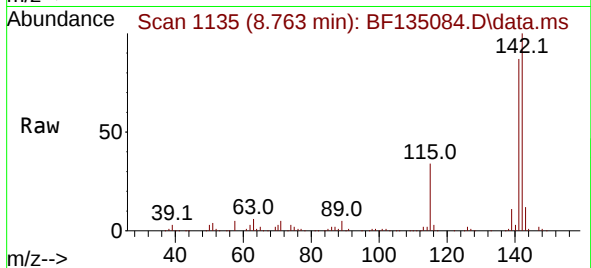
NEVINS-SB04-Z83-84DL2

Tgt Ion:142 Resp: 121230

Ion Ratio Lower Upper

142 100

141 86.8 70.7 106.1



#38

1-Methylnaphthalene

Concen: 7.361 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF135084.D

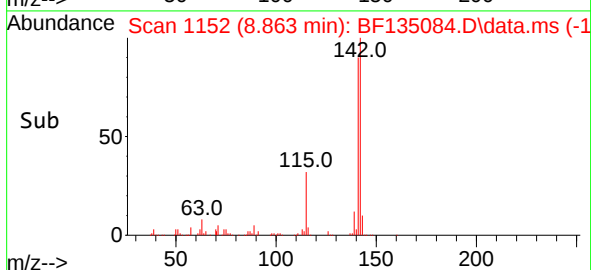
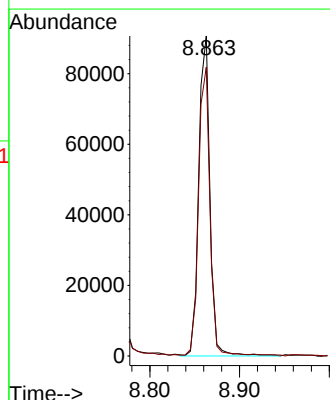
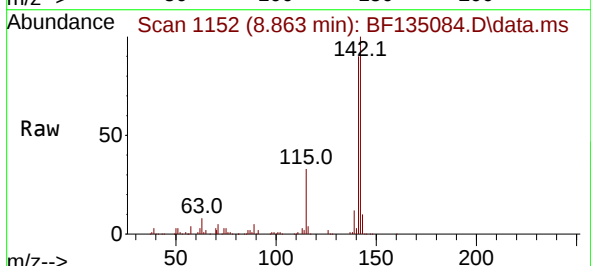
Acq: 01 Sep 2023 19:17

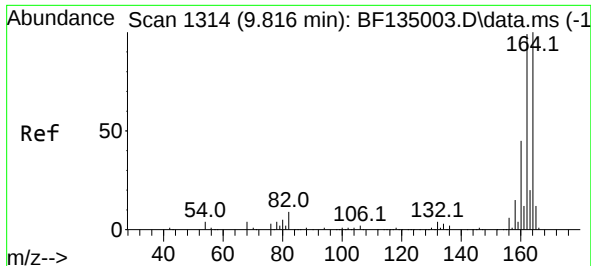
Tgt Ion:142 Resp: 78609

Ion Ratio Lower Upper

142 100

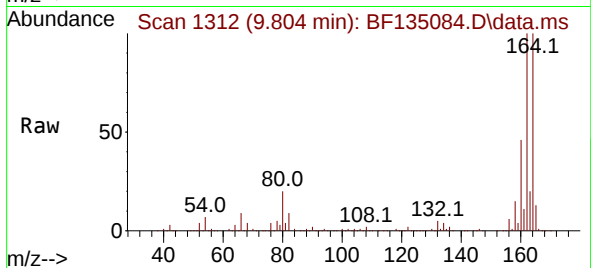
141 90.3 73.0 109.4



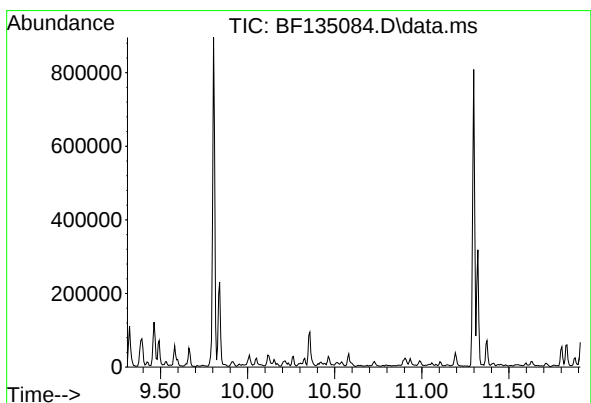
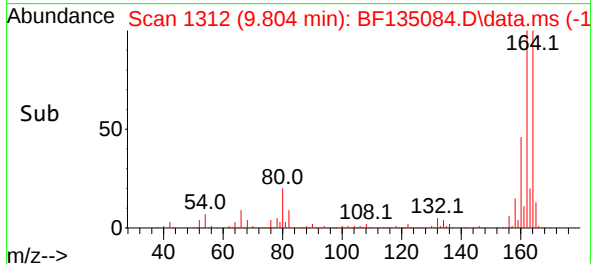
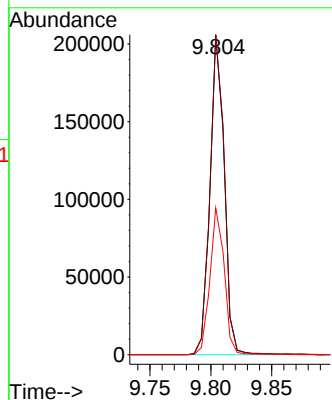


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135084.D
Acq: 01 Sep 2023 19:17

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84DL2



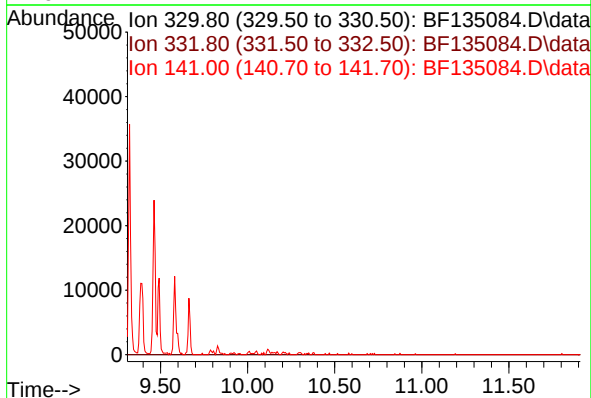
Tgt Ion:164 Resp: 167783
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 45.9 36.0 54.0

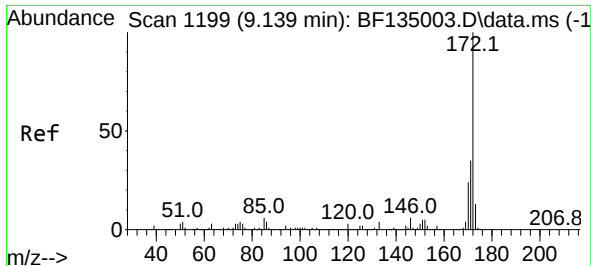


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.61 min

Lab File: BF135084.D
Acq: 01 Sep 2023 19:17

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

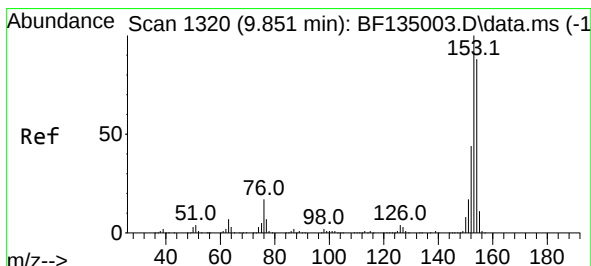
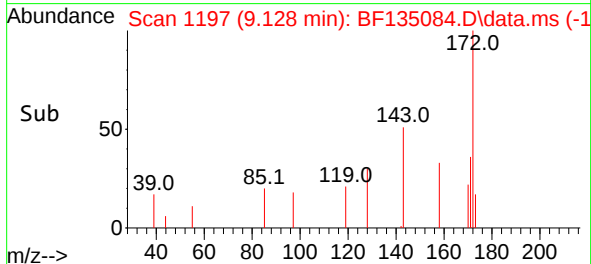
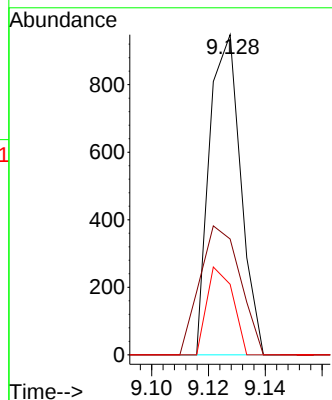
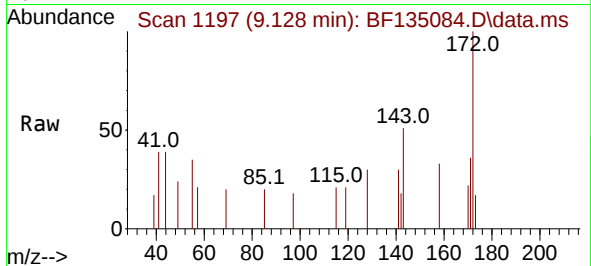




#45
2-Fluorobiphenyl
Concen: 0.070 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF135084.D
Acq: 01 Sep 2023 19:17

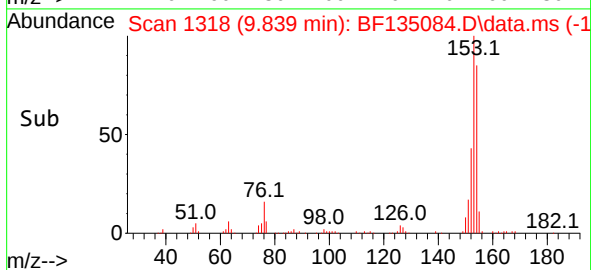
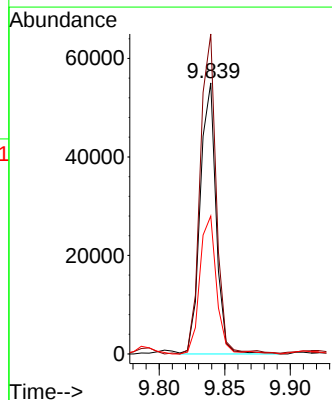
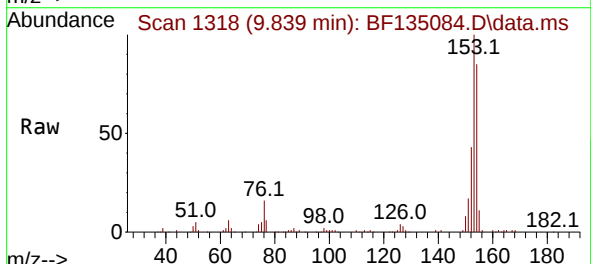
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84DL2

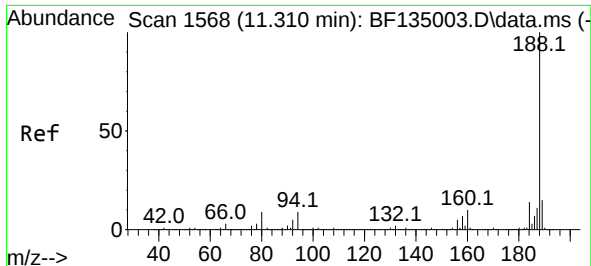
Tgt Ion:172	Resp:	722
Ion	Ratio	Lower Upper
172	100	
171	36.2	28.2 42.2
170	22.0	19.0 28.4



#52
Acenaphthene
Concen: 4.998 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF135084.D
Acq: 01 Sep 2023 19:17

Tgt Ion:154	Resp:	46416
Ion	Ratio	Lower Upper
154	100	
153	118.1	90.8 136.2
152	50.9	40.2 60.4

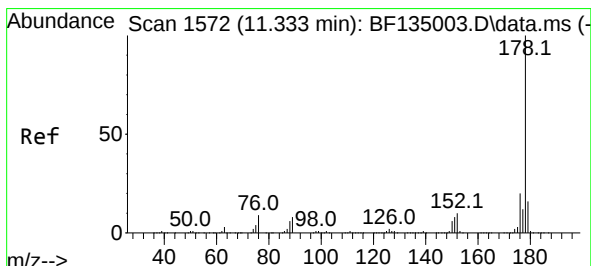
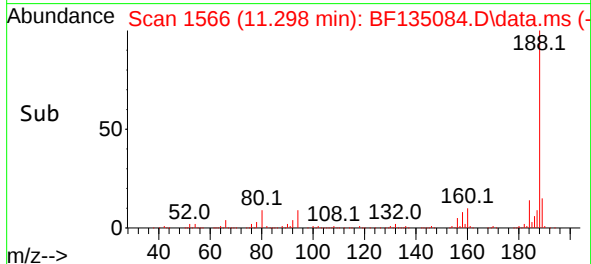
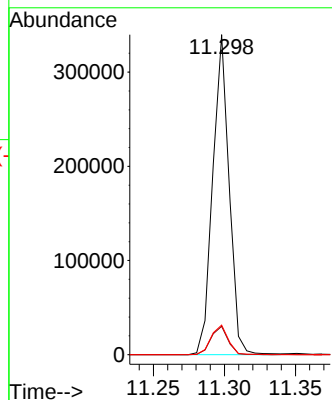
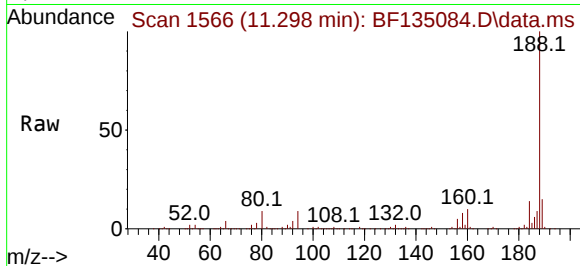




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135084.D
Acq: 01 Sep 2023 19:17

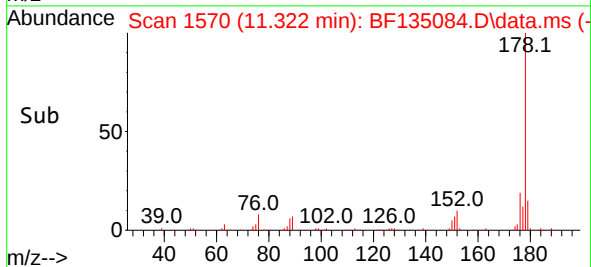
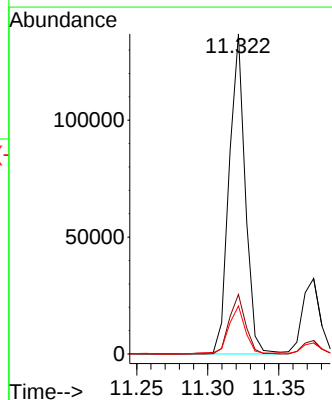
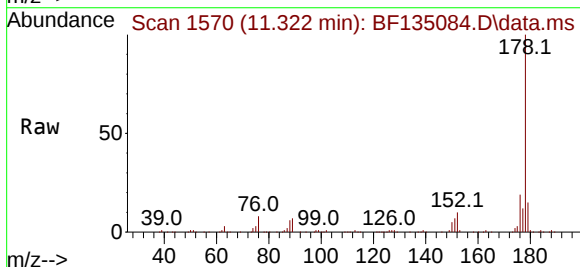
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84DL2

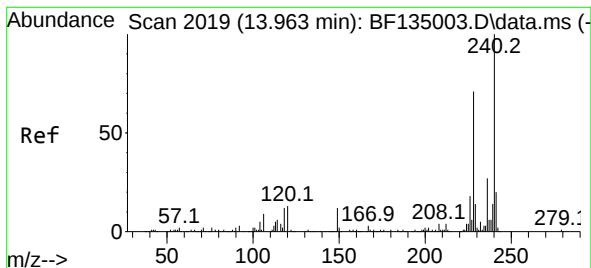
Tgt Ion:188 Resp: 272174
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.2 7.4 11.2



#71
Phenanthrene
Concen: 7.681 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF135084.D
Acq: 01 Sep 2023 19:17

Tgt Ion:178 Resp: 107855
Ion Ratio Lower Upper
178 100
176 18.6 15.9 23.9
179 15.0 12.5 18.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF135084.D

Acq: 01 Sep 2023 19:17

Instrument :

BNA_F

ClientSampleId :

NEVINS-SB04-Z83-84DL2

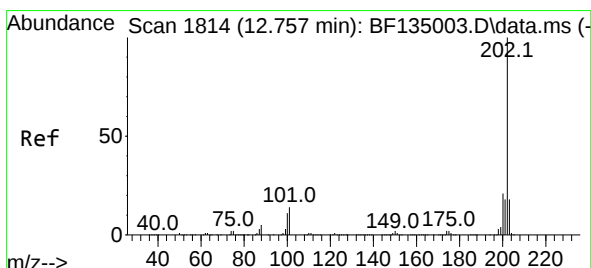
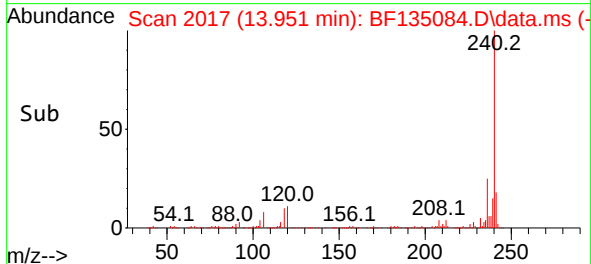
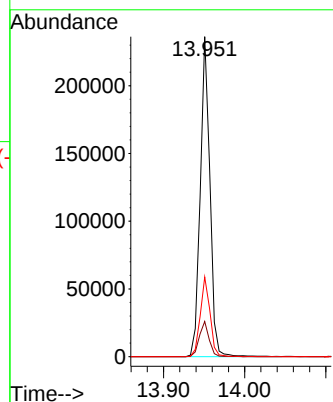
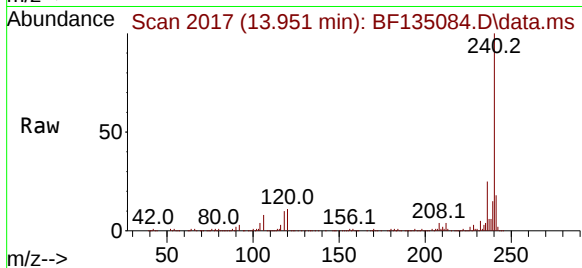
Tgt Ion:240 Resp: 195861

Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.2

236 24.9 21.3 31.9



#78

Pyrene

Concen: 2.731 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF135084.D

Acq: 01 Sep 2023 19:17

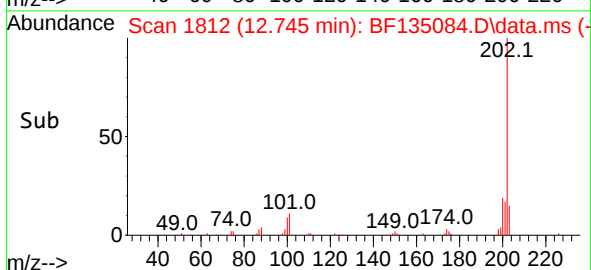
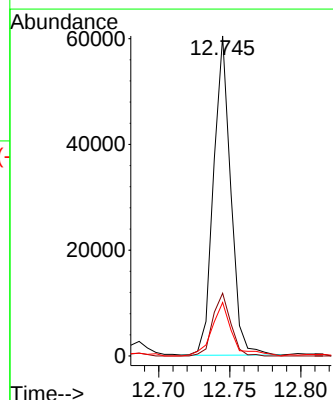
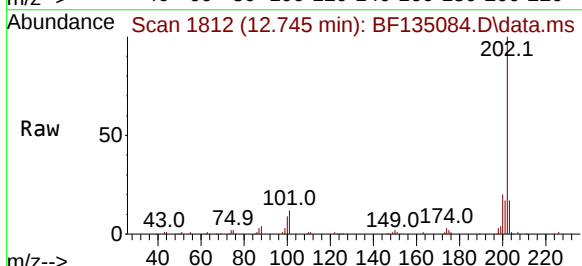
Tgt Ion:202 Resp: 50791

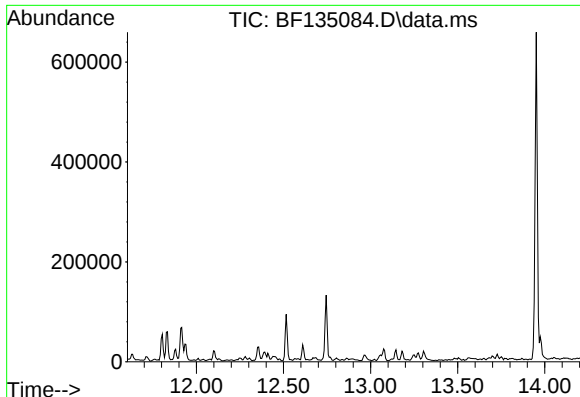
Ion Ratio Lower Upper

202 100

200 19.6 17.0 25.6

203 16.7 14.2 21.2



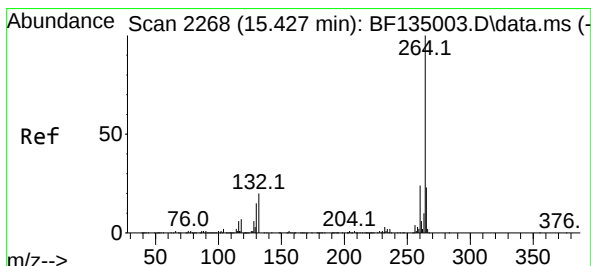
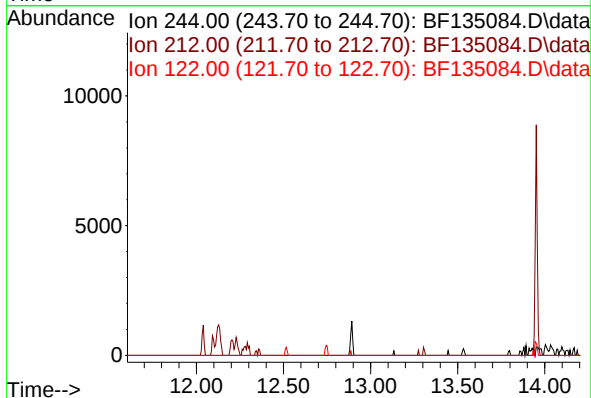


#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.90 min
 Lab File: BF135084.D
 Acq: 01 Sep 2023 19:17

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z83-84DL2

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135084.D
 Acq: 01 Sep 2023 19:17

Tgt Ion: 264 Resp: 207399

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	20.8	18.2	27.2

