

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135236.D
 Acq On : 13 Sep 2023 22:31
 Operator : CG\JU
 Sample : 04338-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Sep 14 02:24:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

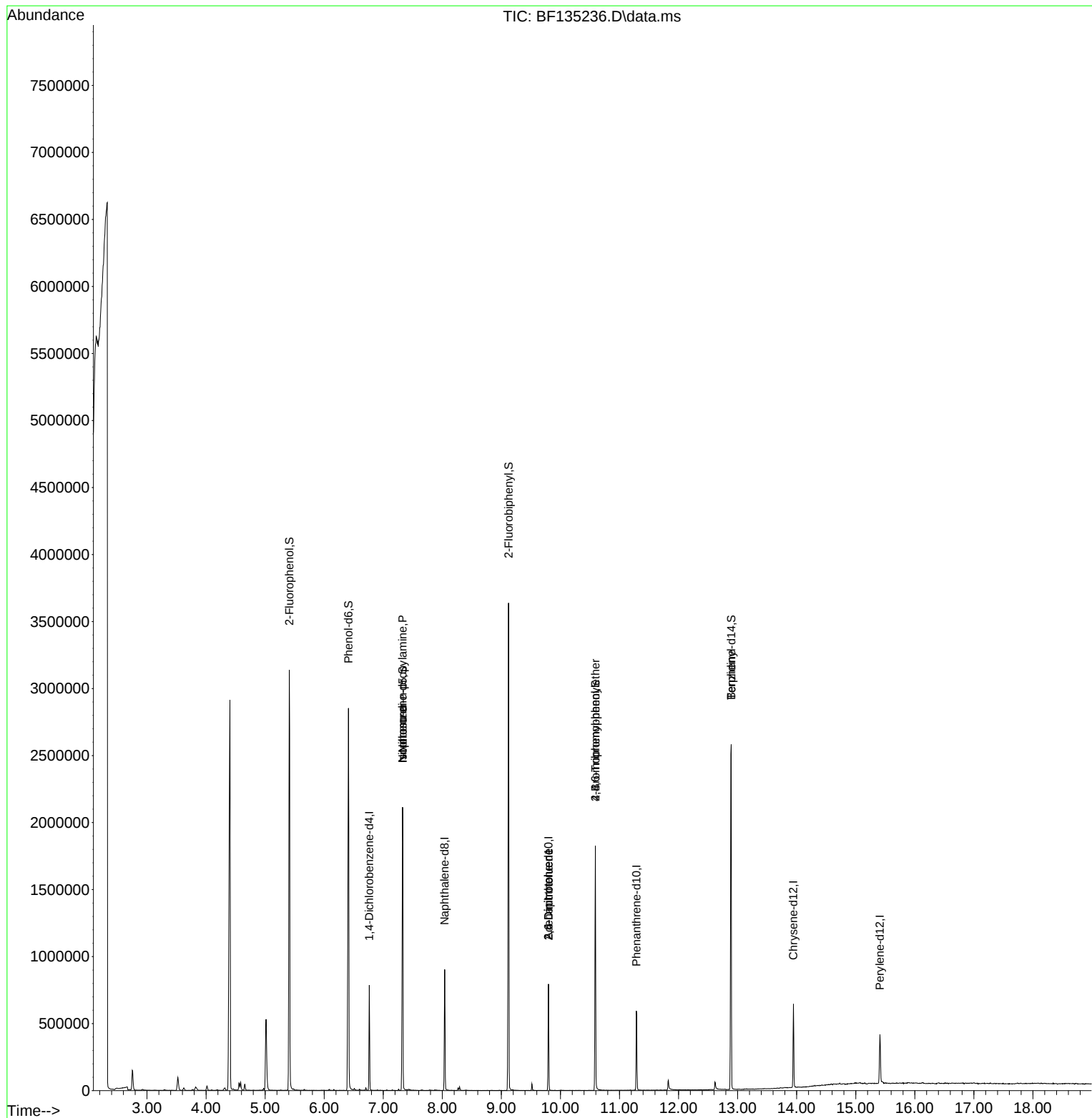
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	100657	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	363703	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	142935	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	234711	20.000	ng	0.00
76) Chrysene-d12	13.945	240	201179	20.000	ng	0.00
86) Perylene-d12	15.410	264	168988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	897627	145.041	ng	0.02
7) Phenol-d6	6.410	99	1032837	131.248	ng	0.00
23) Nitrobenzene-d5	7.328	82	726577	108.535	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	209142	147.239	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1124595	118.704	ng	0.00
79) Terphenyl-d14	12.892	244	988003	76.131	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	99392	20.391	ng	# 82
25) Isophorone	7.328	82	726572	59.106	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	18167	8.581	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	18167	6.855	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	13106	5.614	ng	# 1
77) Benzidine	12.892	184	12826	3.112	ng	# 94

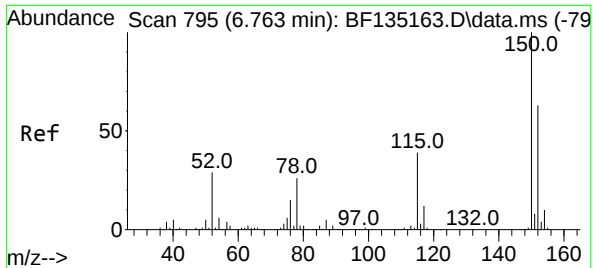
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135236.D
Acq On : 13 Sep 2023 22:31
Operator : CG\JU
Sample : 04338-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4

Quant Time: Sep 14 02:24:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

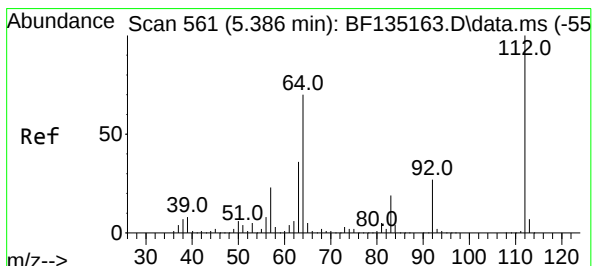
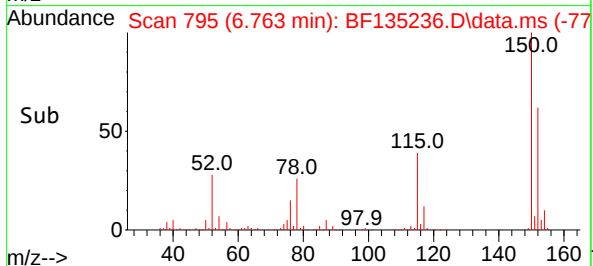
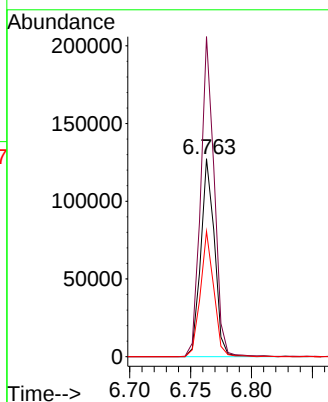
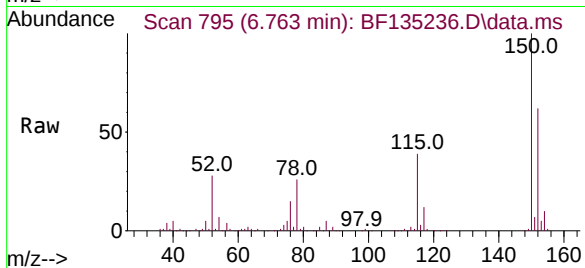




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135236.D
 Acq: 13 Sep 2023 22:31

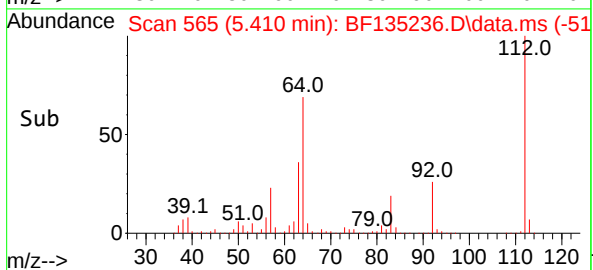
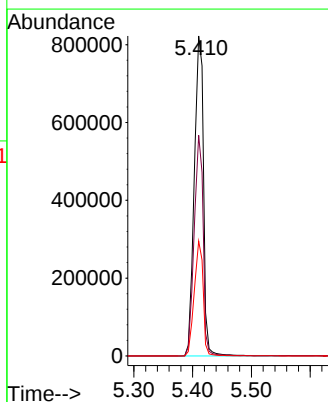
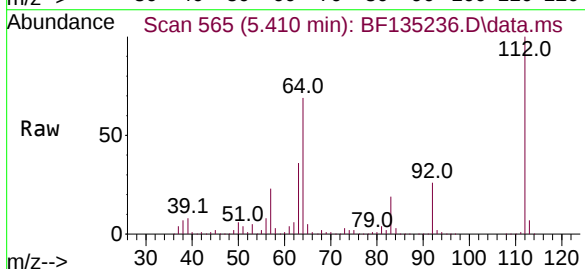
Instrument :
 BNA_F
 ClientSampleId :
 TP4

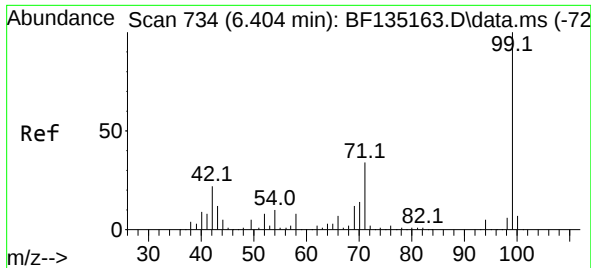
Tgt Ion:152 Resp: 100657
 Ion Ratio Lower Upper
 152 100
 150 161.6 127.8 191.6
 115 63.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 145.041 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.024 min
 Lab File: BF135236.D
 Acq: 13 Sep 2023 22:31

Tgt Ion:112 Resp: 897627
 Ion Ratio Lower Upper
 112 100
 64 69.0 55.9 83.9
 63 35.9 29.0 43.6

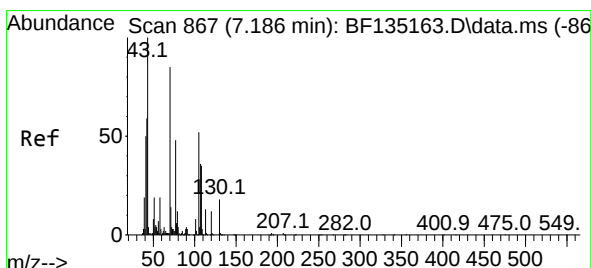
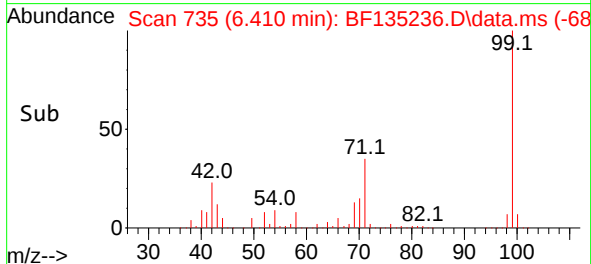
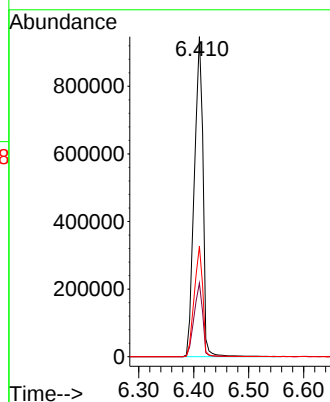
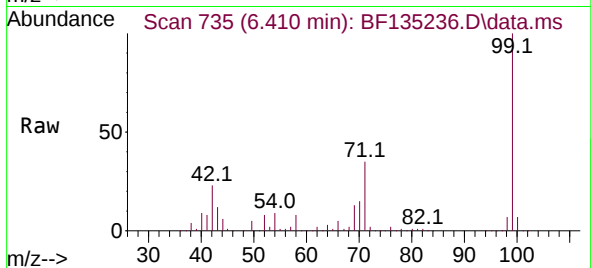




#7
Phenol-d6
Concen: 131.248 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

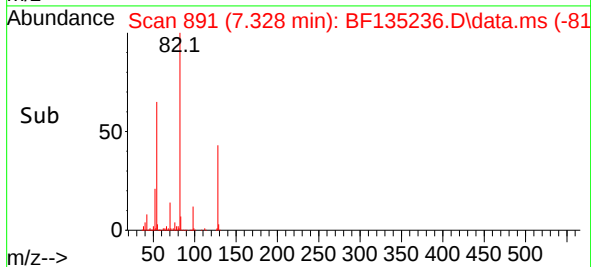
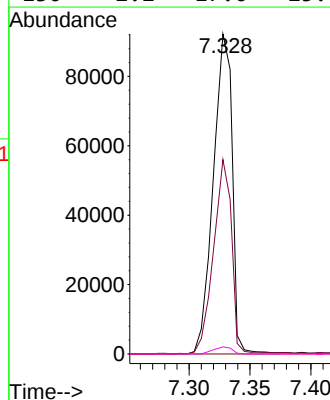
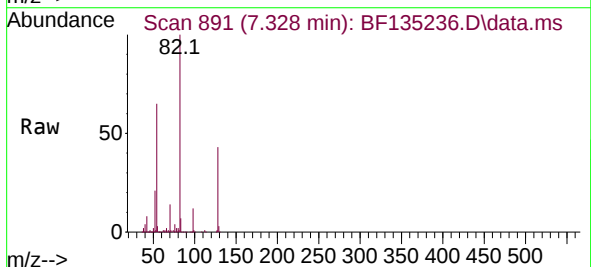
Instrument :
BNA_F
ClientSampleId :
TP4

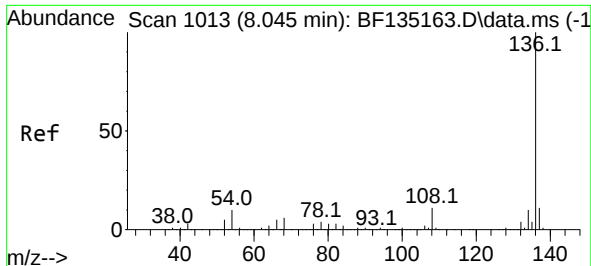
Tgt Ion: 99 Resp: 1032837
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 34.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.391 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

Tgt Ion: 70 Resp: 99392
Ion Ratio Lower Upper
70 100
42 60.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

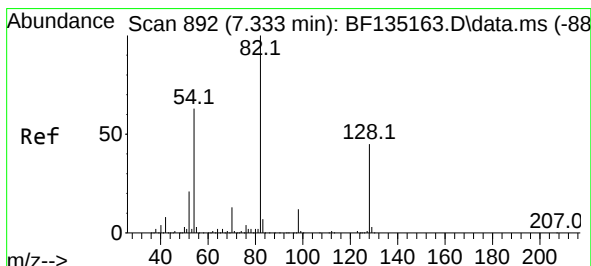
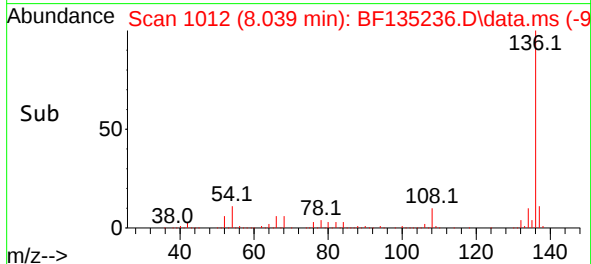
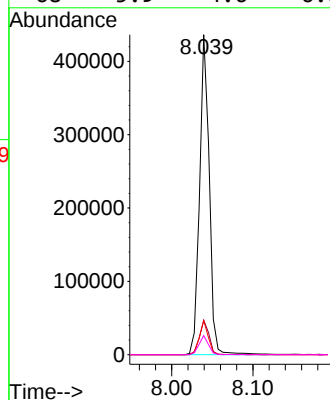
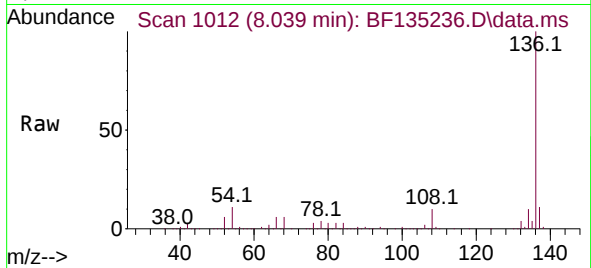




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

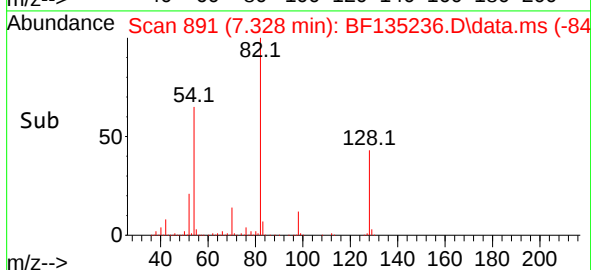
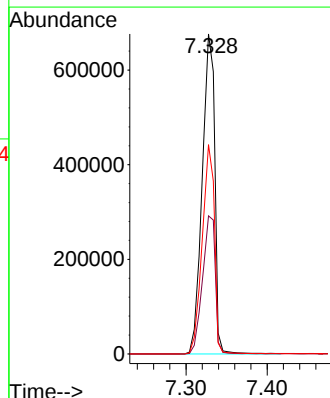
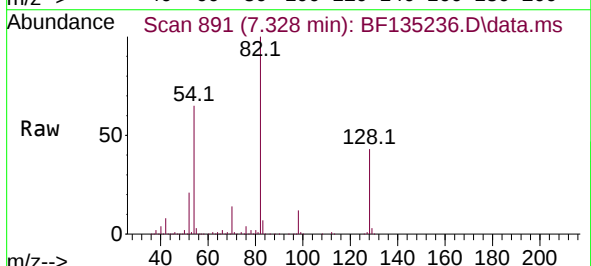
Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion	136	Resp: 363703	
	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.7	7.7	11.5
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 108.535 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

Tgt Ion: 82	Resp: 726577
Ion Ratio	Lower Upper
82 100	
128 43.1	35.8 53.6
54 65.4	50.6 76.0

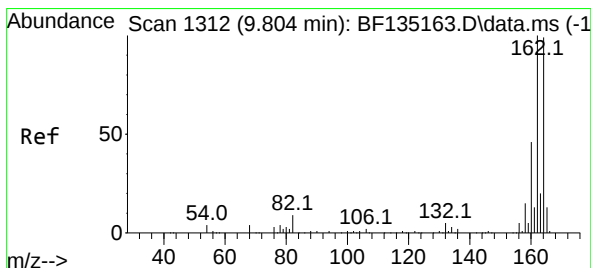
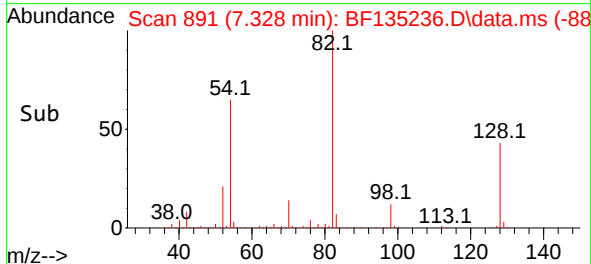
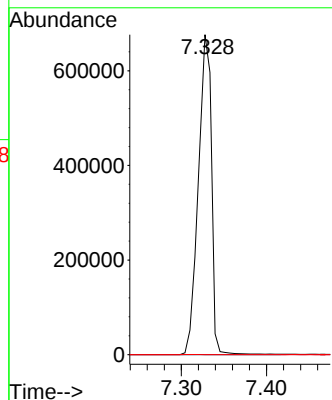
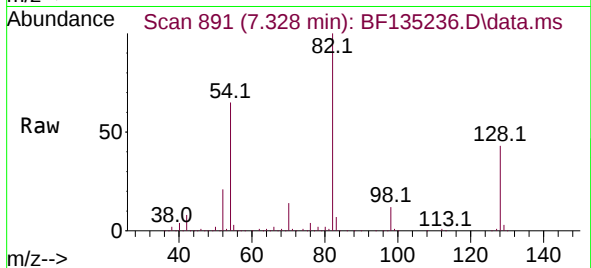




#25
Isophorone
Concen: 59.106 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

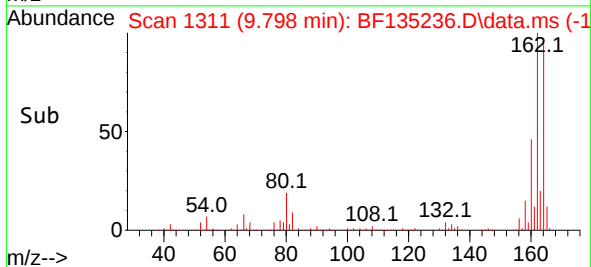
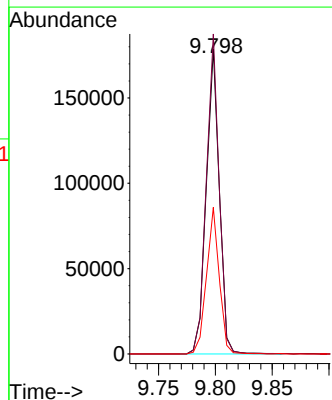
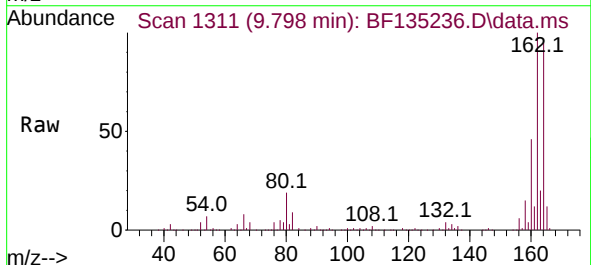
Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion: 82 Resp: 726572
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135236.D
Acq: 13 Sep 2023 22:31

Tgt Ion: 164 Resp: 142935
Ion Ratio Lower Upper
164 100
162 104.9 81.0 121.4
160 48.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 147.239 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135236.D

Acq: 13 Sep 2023 22:31

Instrument :

BNA_F

ClientSampleId :

TP4

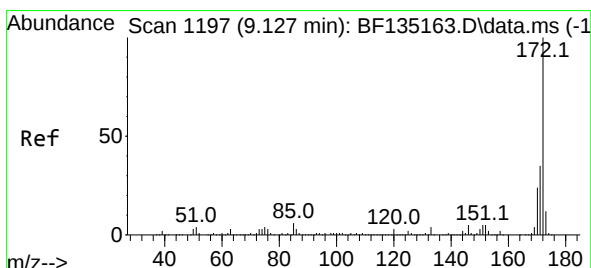
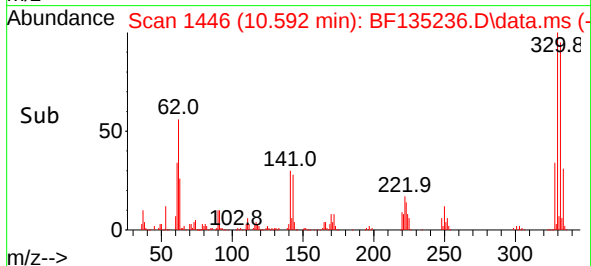
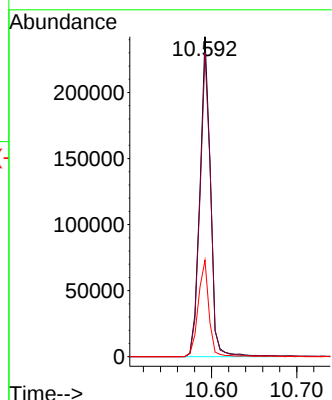
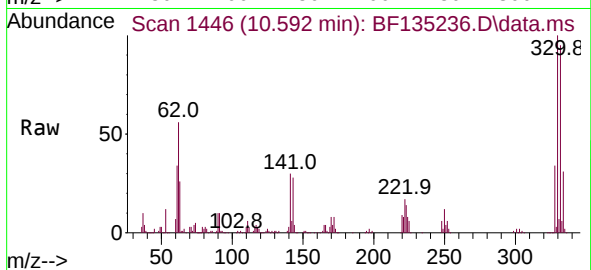
Tgt Ion:330 Resp: 209142

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 30.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 118.704 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135236.D

Acq: 13 Sep 2023 22:31

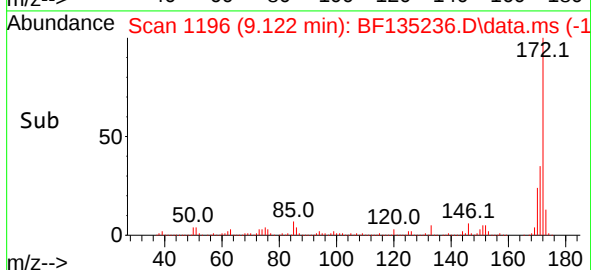
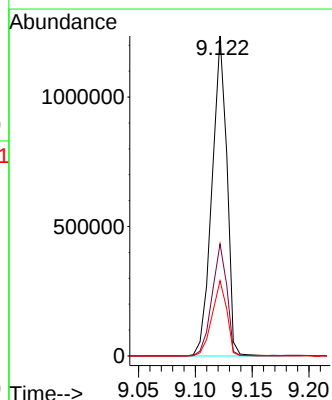
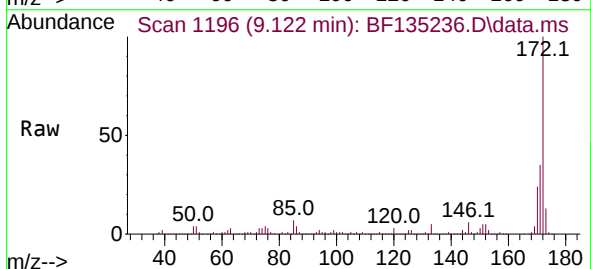
Tgt Ion:172 Resp: 1124595

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.581 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.206 min

Lab File: BF135236.D

Acq: 13 Sep 2023 22:31

Instrument :

BNA_F

ClientSampleId :

TP4

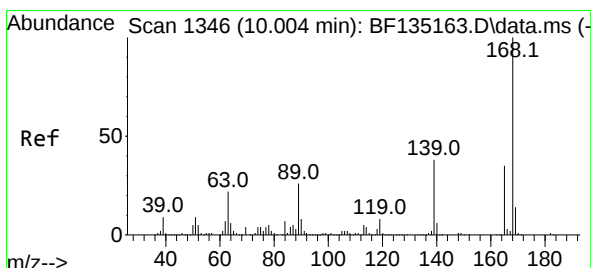
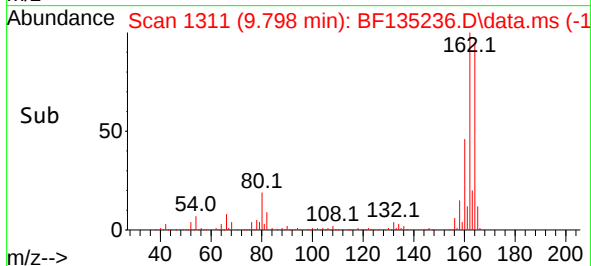
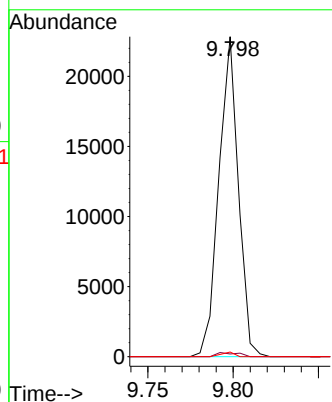
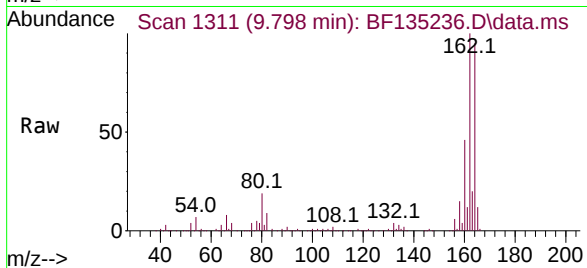
Tgt Ion:165 Resp: 18167

Ion Ratio Lower Upper

165 100

63 0.8 59.4 89.2#

89 1.5 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.855 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.206 min

Lab File: BF135236.D

Acq: 13 Sep 2023 22:31

Tgt Ion:165 Resp: 18167

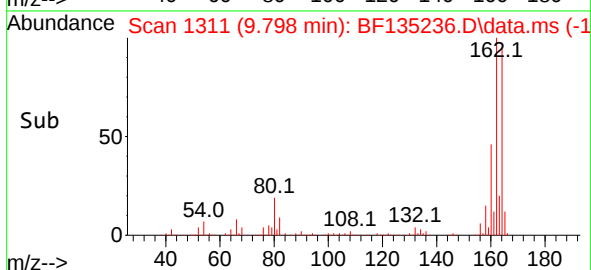
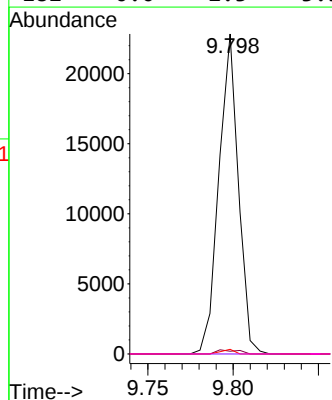
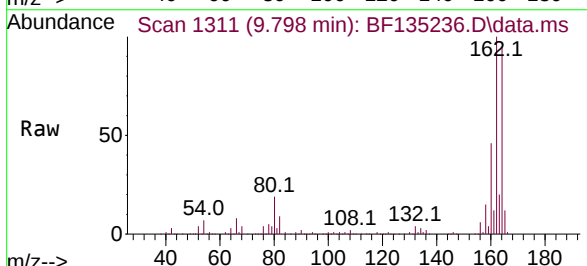
Ion Ratio Lower Upper

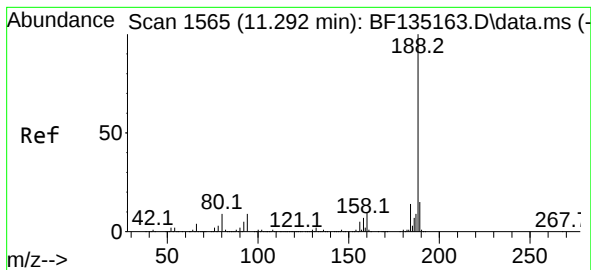
165 100

63 0.8 50.1 75.1#

89 1.5 59.3 88.9#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135236.D

Acq: 13 Sep 2023 22:31

Instrument :

BNA_F

ClientSampleId :

TP4

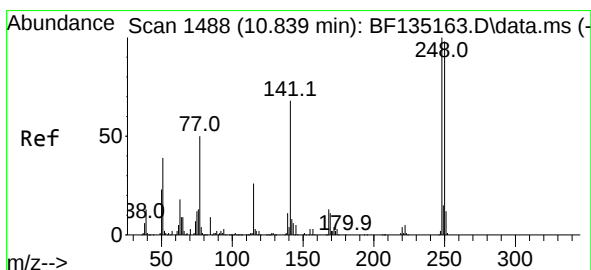
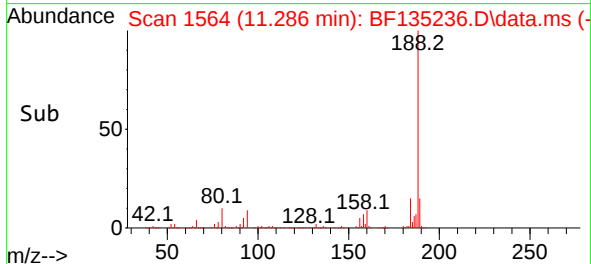
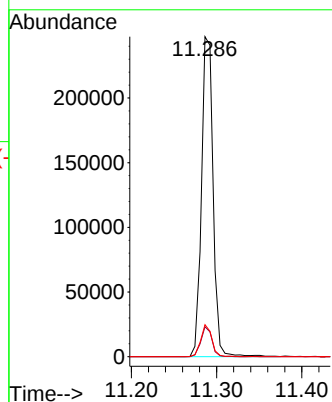
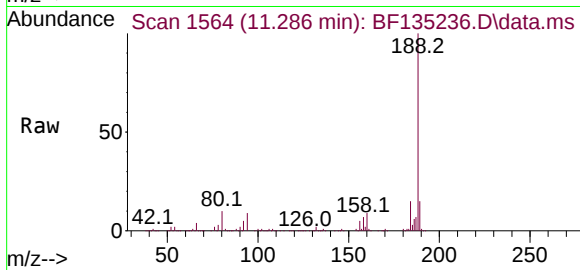
Tgt Ion:188 Resp: 234711

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 10.0 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 5.614 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF135236.D

Acq: 13 Sep 2023 22:31

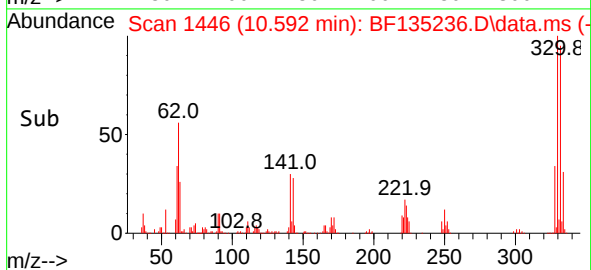
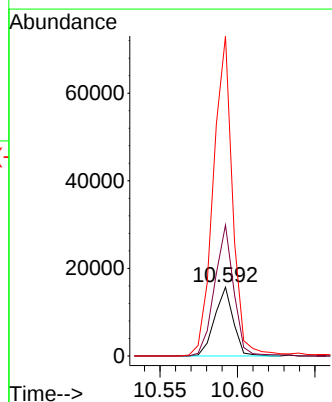
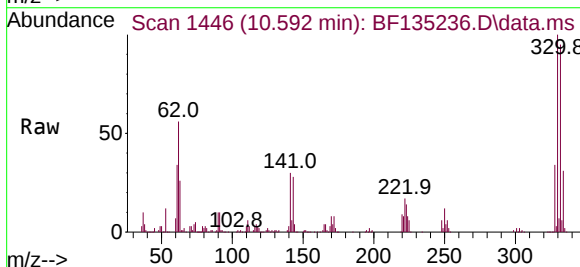
Tgt Ion:248 Resp: 13106

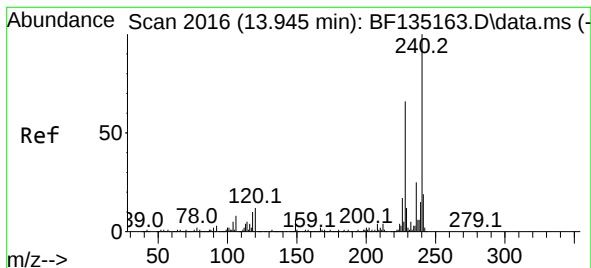
Ion Ratio Lower Upper

248 100

250 190.3 78.6 117.8#

141 465.4 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135236.D

Acq: 13 Sep 2023 22:31

Instrument :

BNA_F

ClientSampleId :

TP4

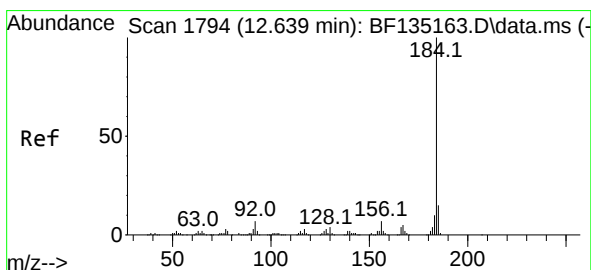
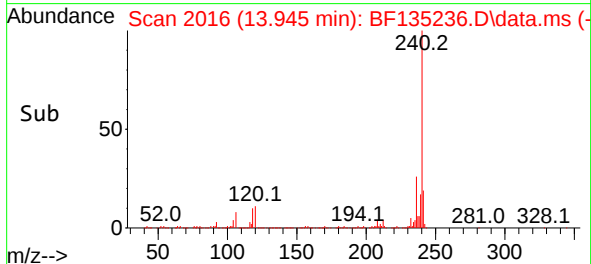
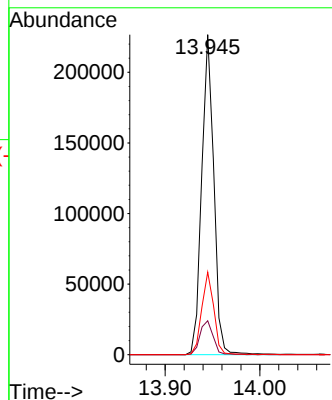
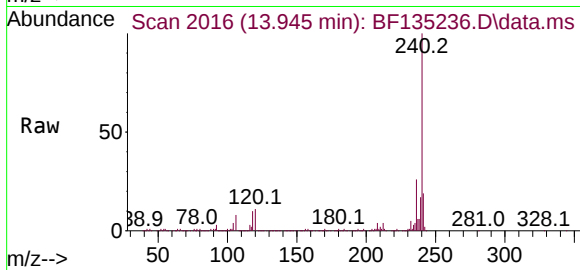
Tgt Ion:240 Resp: 201179

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.8 19.8 29.8



#77

Benzidine

Concen: 3.112 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF135236.D

Acq: 13 Sep 2023 22:31

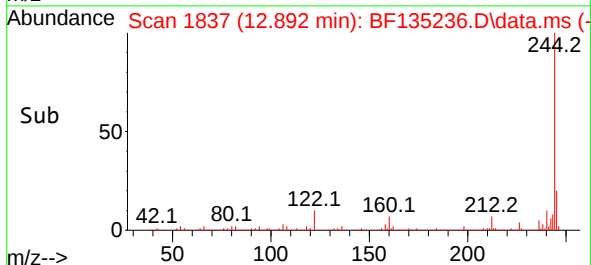
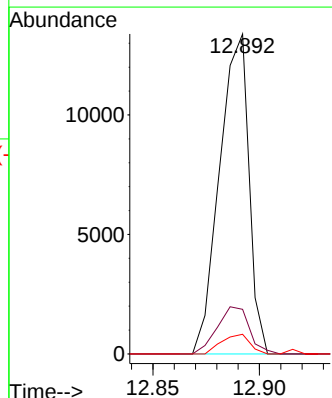
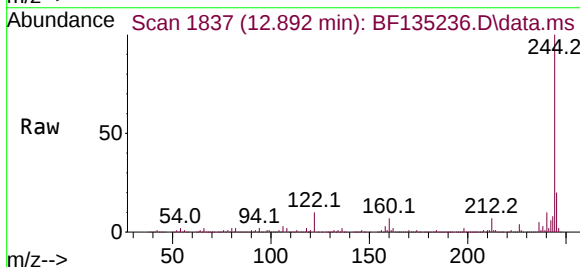
Tgt Ion:184 Resp: 12826

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

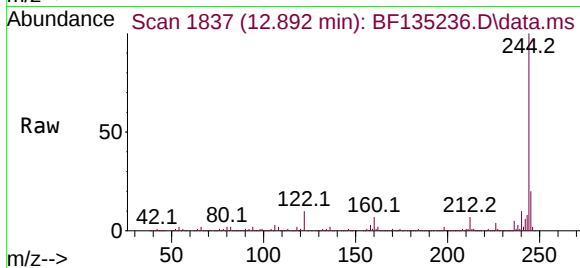
183 6.2 8.2 12.4#



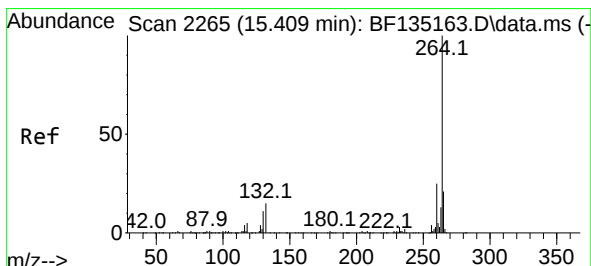
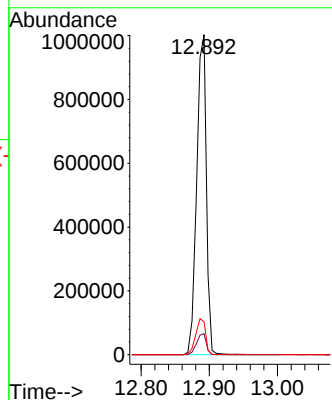
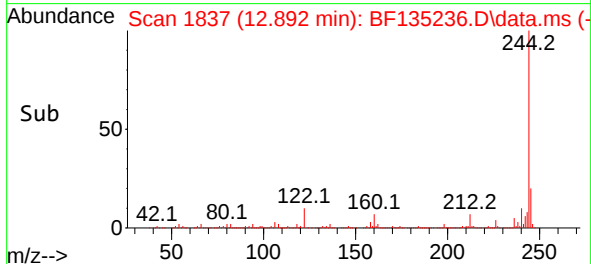


#79
 Terphenyl-d14
 Concen: 76.131 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135236.D
 Acq: 13 Sep 2023 22:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4



Tgt Ion:244 Resp: 988003
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135236.D
 Acq: 13 Sep 2023 22:31

Tgt Ion:264 Resp: 168988
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 20.7 17.0 25.4

