

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135412.D
 Acq On : 22 Sep 2023 21:46
 Operator : CG\JU
 Sample : 04436-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-10

Quant Time: Sep 23 04:59:32 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)

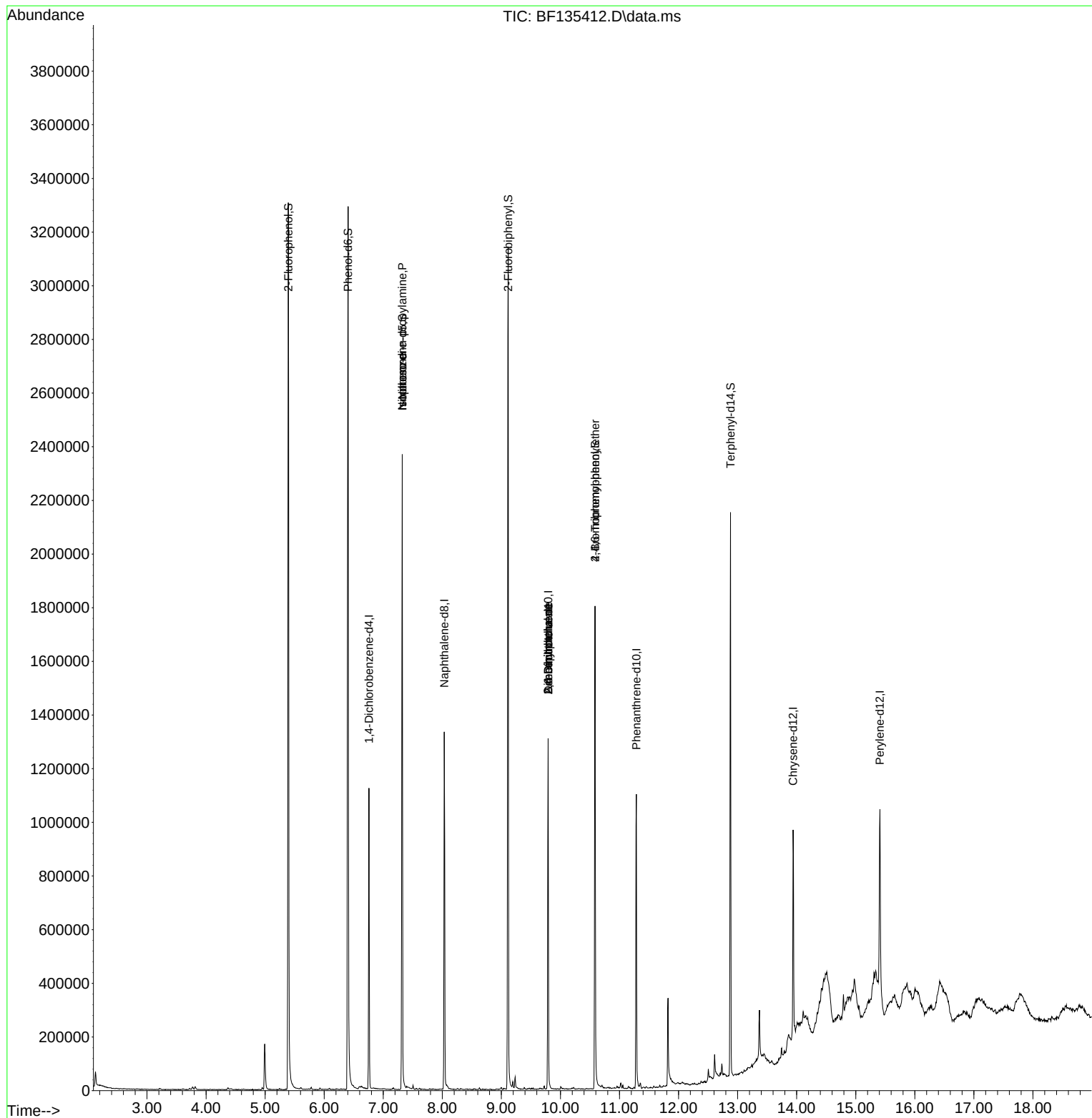
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	152190	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	558736	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	258247	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	421851	20.000	ng	0.00
76) Chrysene-d12	13.939	240	269356	20.000	ng	0.00
86) Perylene-d12	15.410	264	334213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	925581	98.916	ng	0.00
7) Phenol-d6	6.404	99	1150447	96.691	ng	0.00
23) Nitrobenzene-d5	7.322	82	706400	68.688	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	207943	81.027	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1070907	62.564	ng	-0.01
79) Terphenyl-d14	12.880	244	701257	40.359	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	94768	12.859	ng	# 81
25) Isophorone	7.322	82	706389	37.406	ng	# 65
50) Dimethylphthalate	9.792	163	50925	2.917	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	33416	8.736	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	33416	6.978	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	14100	3.361	ng	# 1

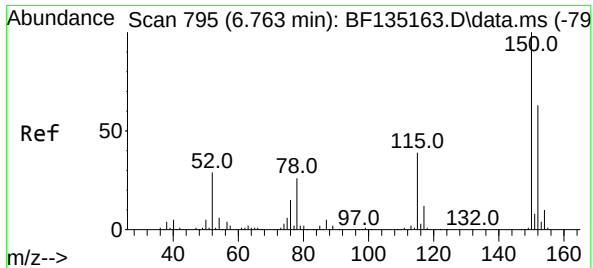
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

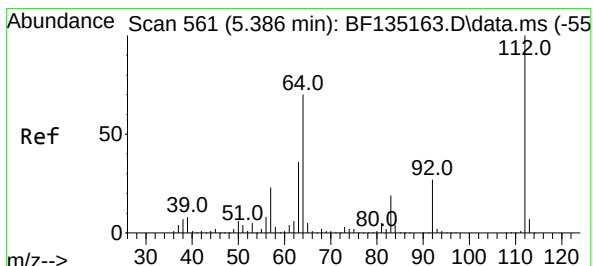
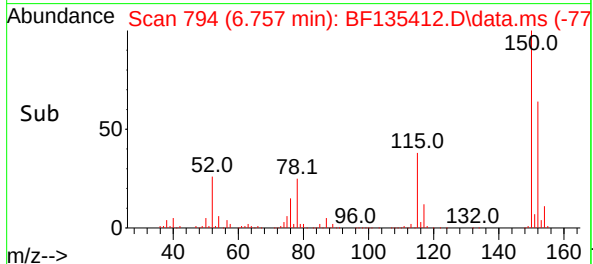
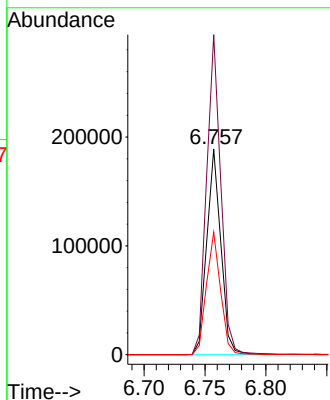
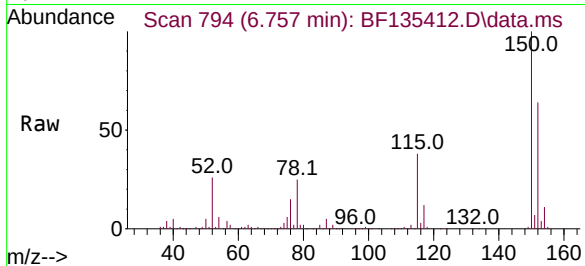




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

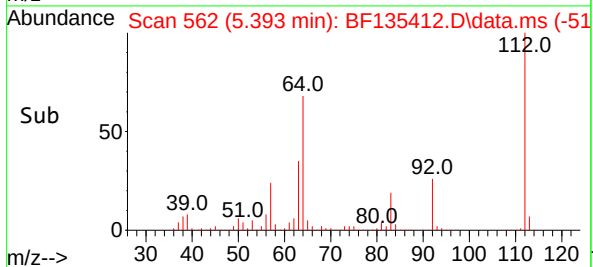
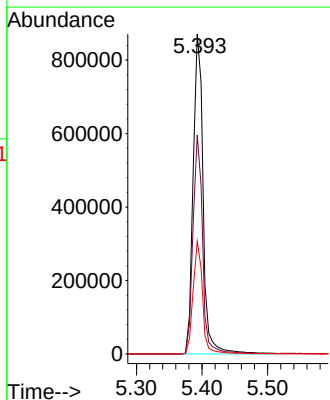
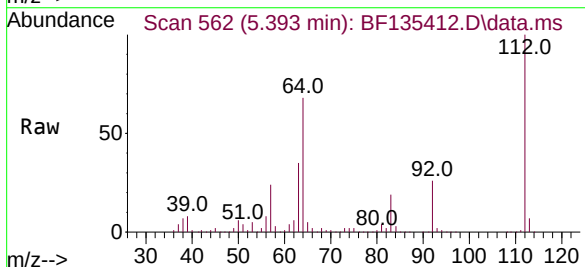
Instrument :
BNA_F
ClientSampleId :
B102-10

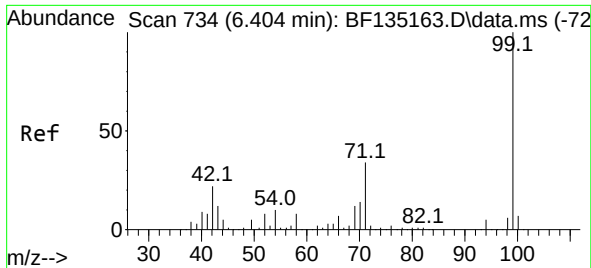
Tgt Ion:152 Resp: 152190
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 59.6 49.8 74.8



#5
2-Fluorophenol
Concen: 98.916 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

Tgt Ion:112 Resp: 925581
Ion Ratio Lower Upper
112 100
64 68.4 55.9 83.9
63 35.2 29.0 43.6





#7

Phenol-d6

Concen: 96.691 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135412.D

Acq: 22 Sep 2023 21:46

Instrument :

BNA_F

ClientSampleId :

B102-10

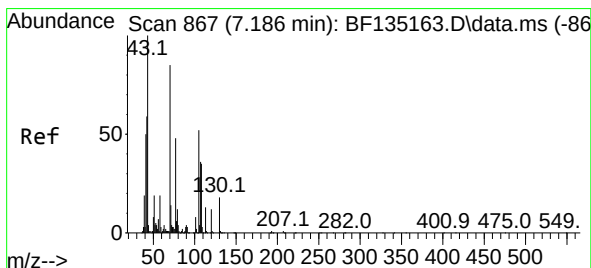
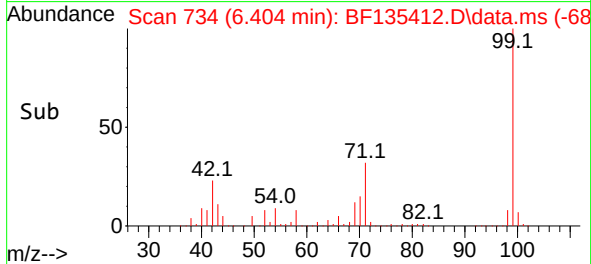
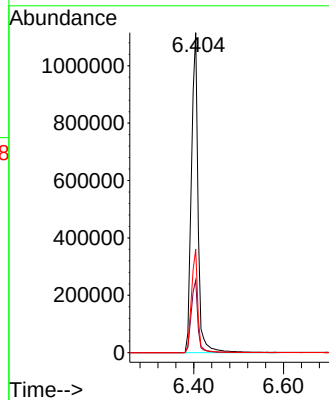
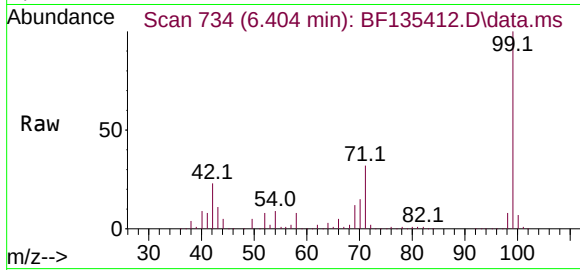
Tgt Ion: 99 Resp: 1150447

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 32.3 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.859 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.135 min

Lab File: BF135412.D

Acq: 22 Sep 2023 21:46

Tgt Ion: 70 Resp: 94768

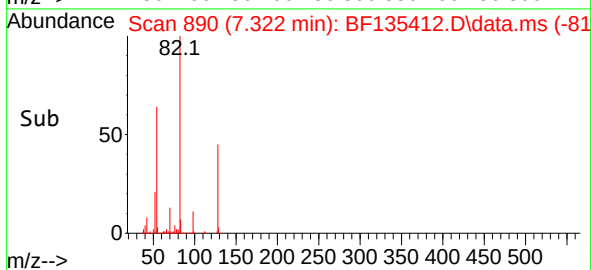
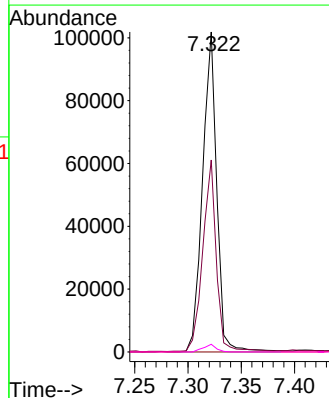
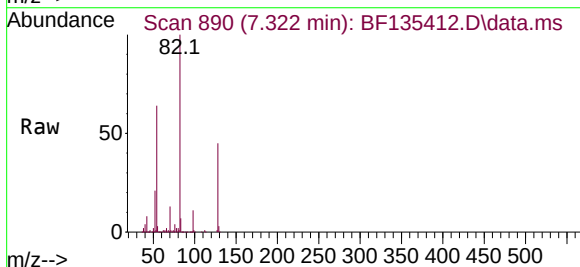
Ion Ratio Lower Upper

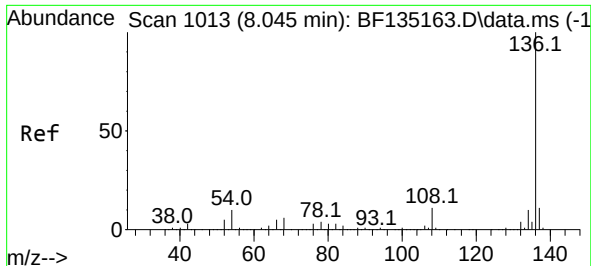
70 100

42 60.0 55.4 83.0

101 0.0 7.7 11.5#

130 2.4 17.0 25.6#

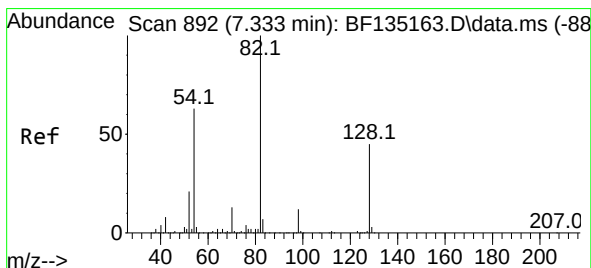
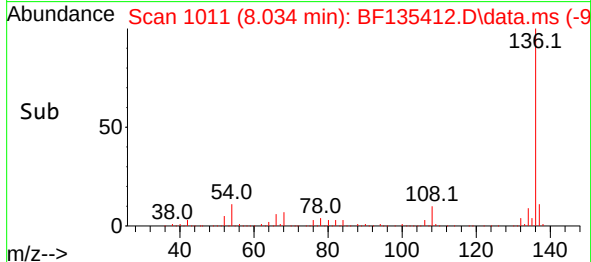
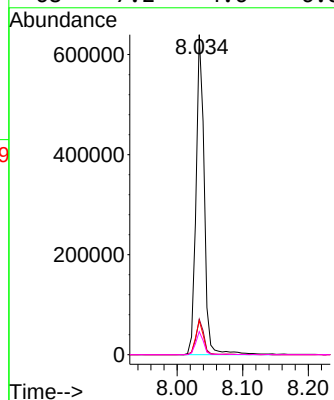
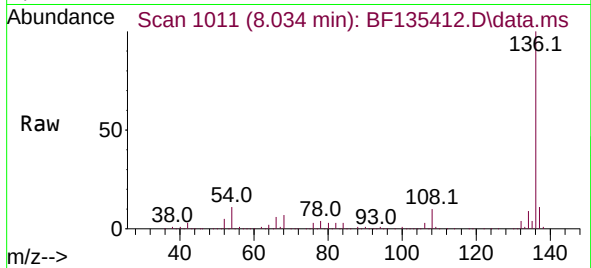




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

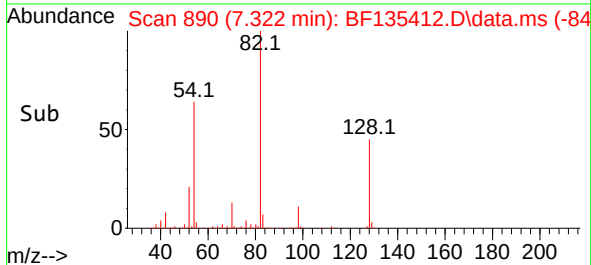
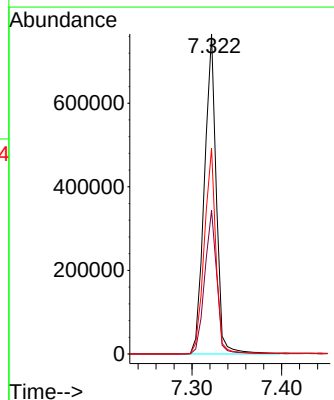
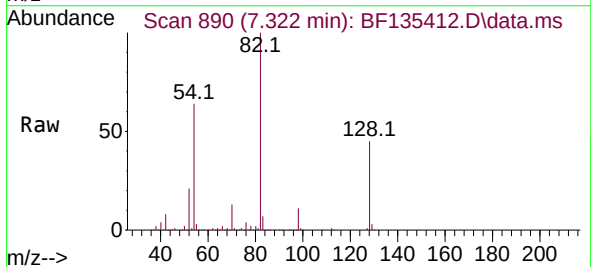
Instrument :
BNA_F
ClientSampleId :
B102-10

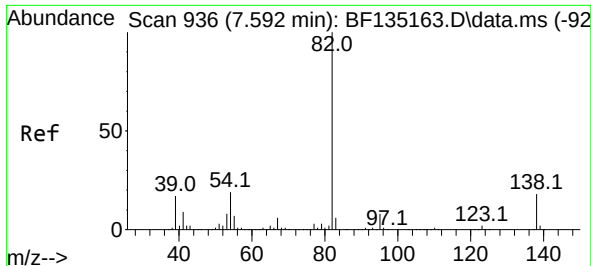
Tgt Ion:136 Resp: 558736
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.7 7.7 11.5
68 7.2 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 68.688 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

Tgt Ion: 82 Resp: 706400
Ion Ratio Lower Upper
82 100
128 44.9 35.8 53.6
54 64.3 50.6 76.0

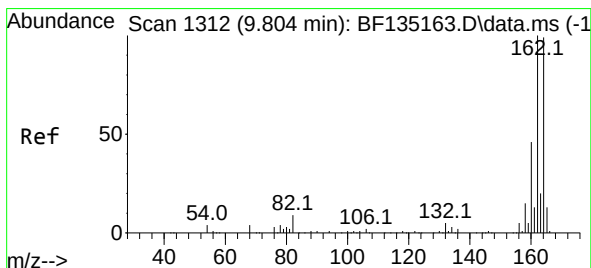
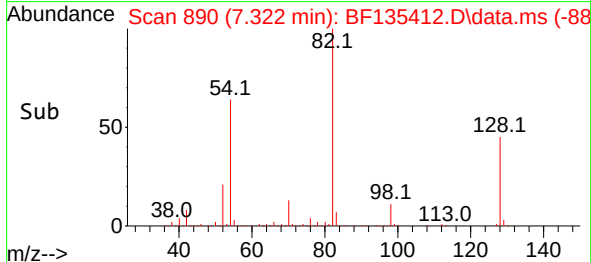
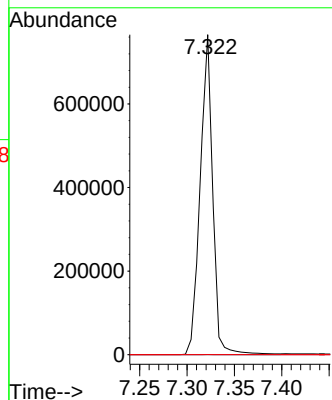
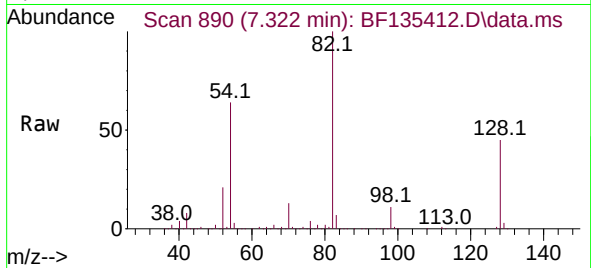




#25
Isophorone
Concen: 37.406 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

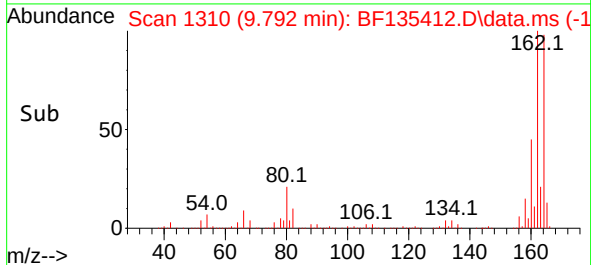
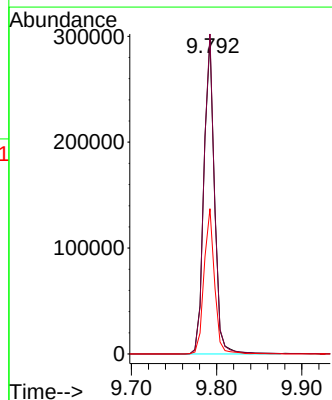
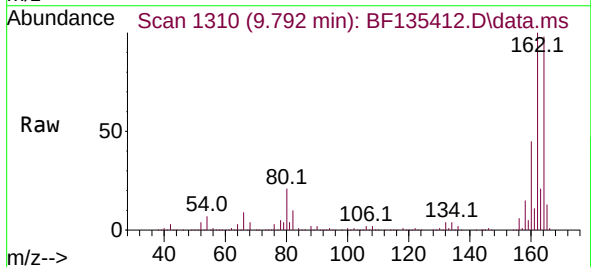
Instrument :
BNA_F
ClientSampleId :
B102-10

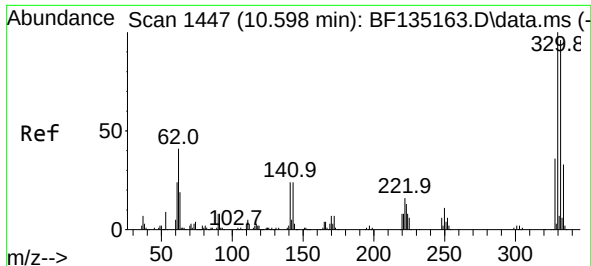
Tgt Ion: 82 Resp: 706389
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

Tgt Ion:164 Resp: 258247
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 81.027 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135412.D

Acq: 22 Sep 2023 21:46

Instrument :

BNA_F

ClientSampleId :

B102-10

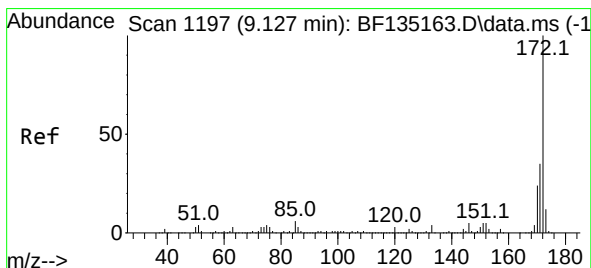
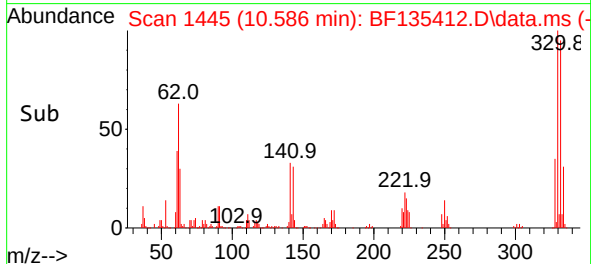
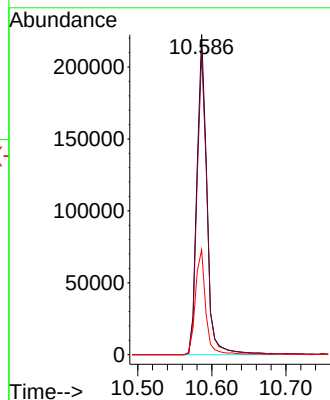
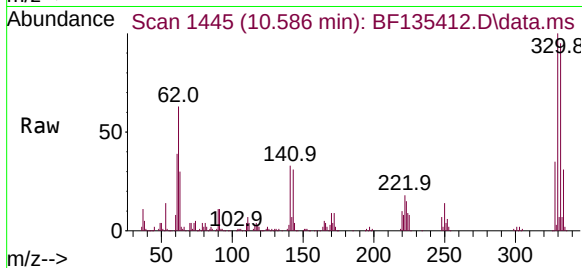
Tgt Ion:330 Resp: 207943

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

141 33.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.564 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135412.D

Acq: 22 Sep 2023 21:46

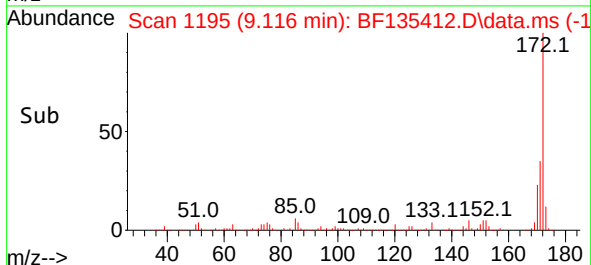
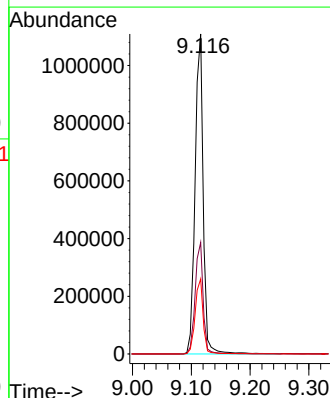
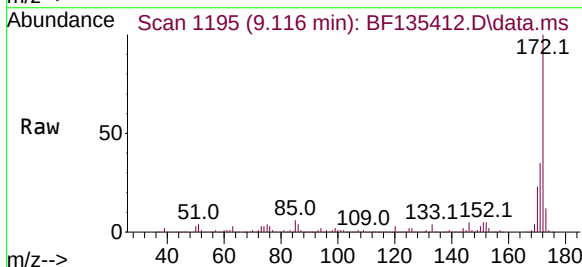
Tgt Ion:172 Resp: 1070907

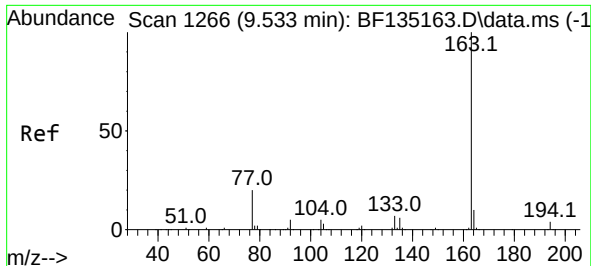
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.5 19.0 28.4

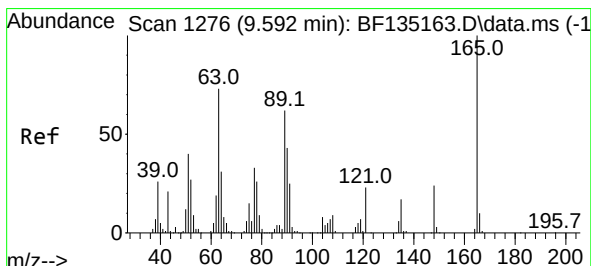
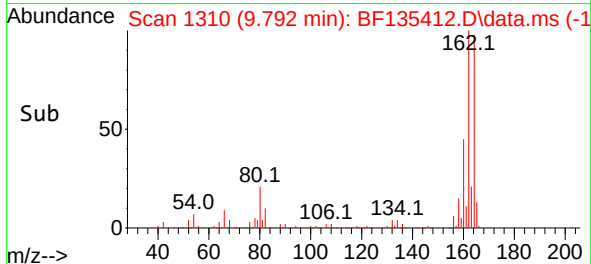
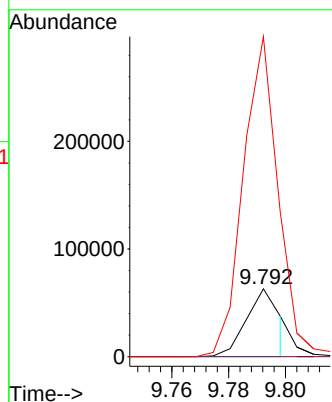
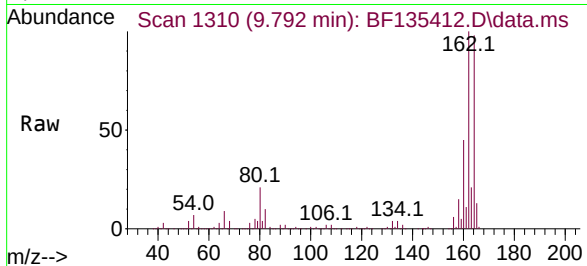




#50
Dimethylphthalate
Concen: 2.917 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

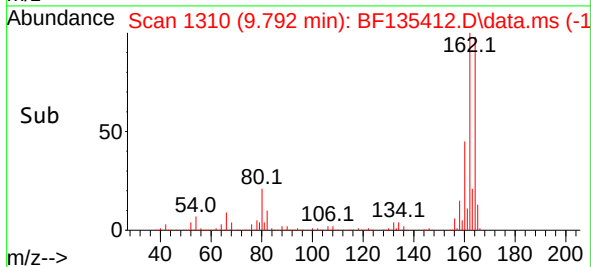
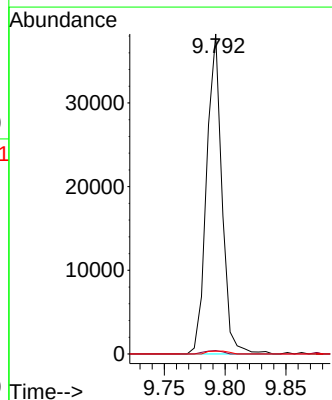
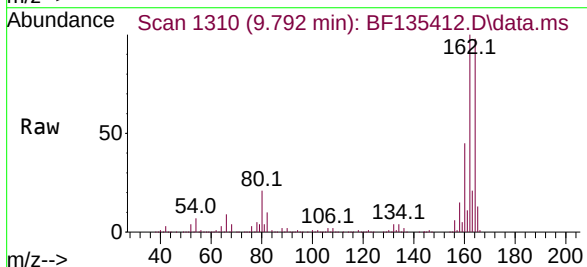
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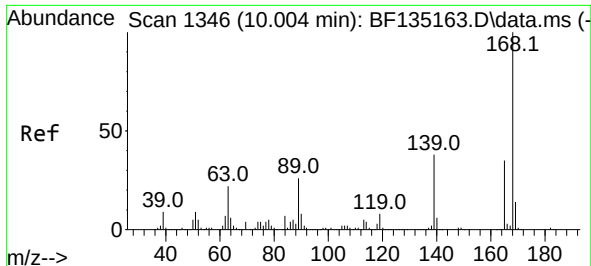
Tgt Ion:163 Resp: 50925
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 471.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.736 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

Tgt Ion:165 Resp: 33416
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 0.8 49.8 74.8#

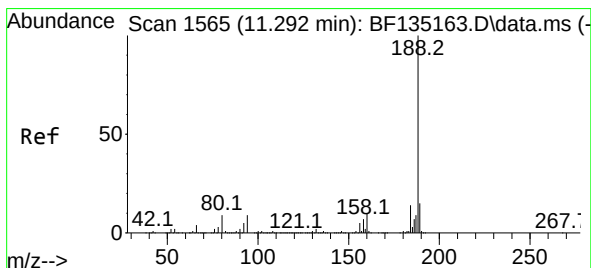
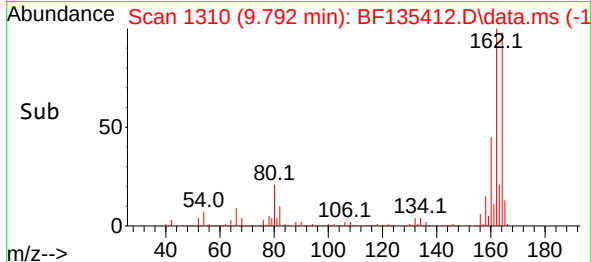
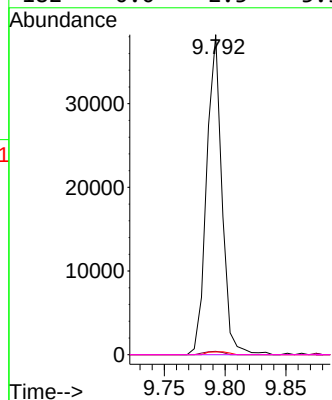
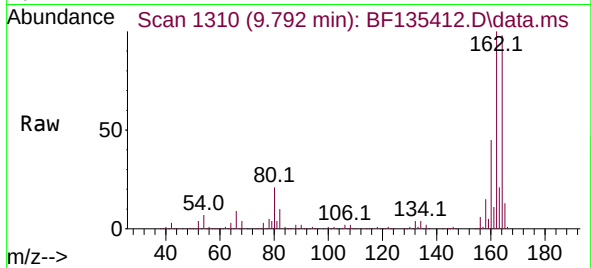




#57
2,4-Dinitrotoluene
Concen: 6.978 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

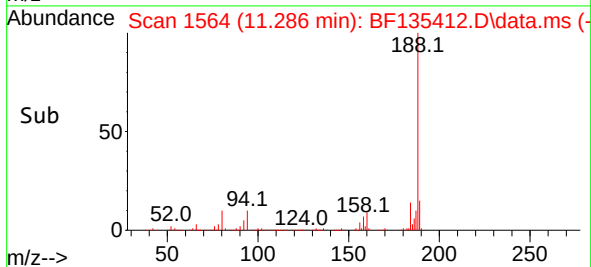
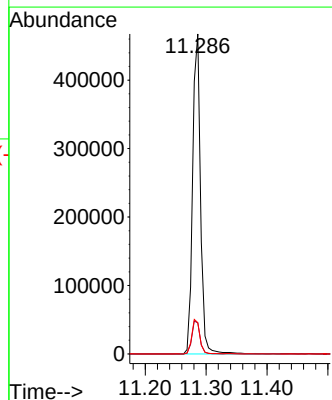
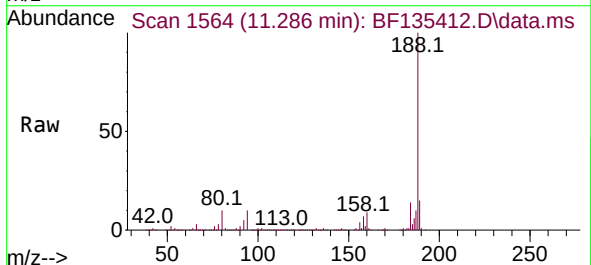
Instrument :
BNA_F
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B102-10

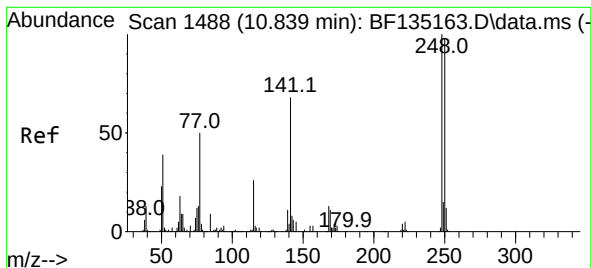
Tgt Ion:165	Resp:	33416
Ion Ratio	Lower	Upper
165	100	
63	1.1	50.1 75.1#
89	0.8	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

Tgt Ion:188	Resp:	421851
Ion Ratio	Lower	Upper
188	100	
94	9.7	7.0 10.6
80	9.8	7.5 11.3

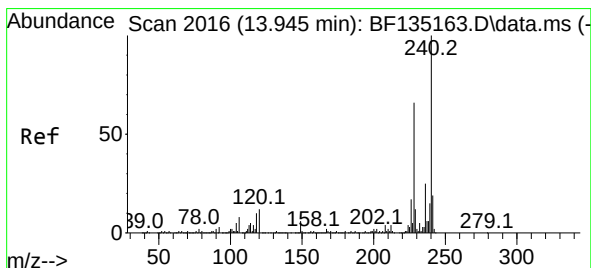
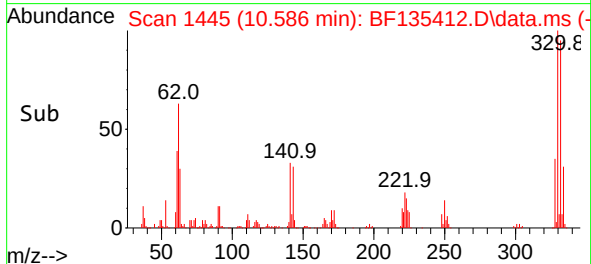
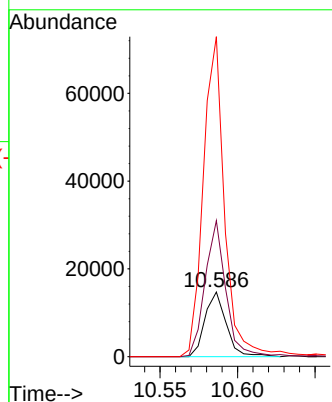
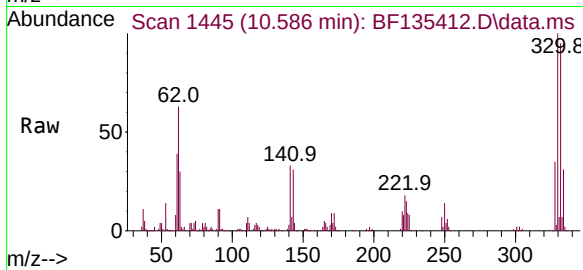




#67
4-Bromophenyl-phenylether
Concen: 3.361 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

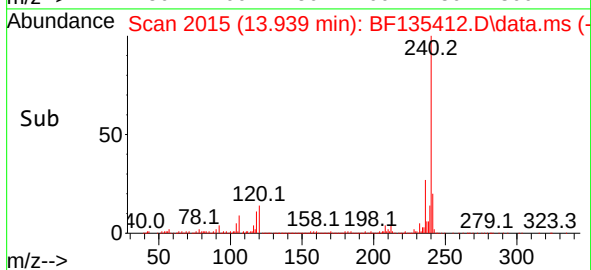
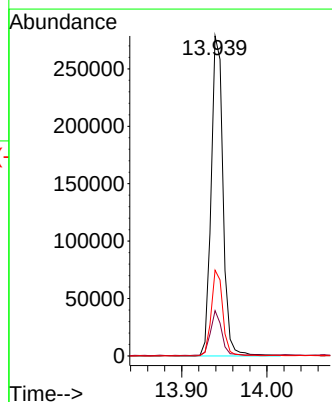
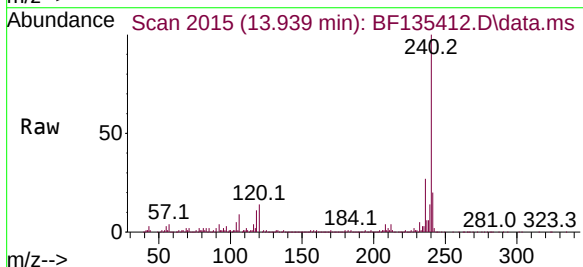
Instrument :
BNA_F
ClientSampleId :
B102-10

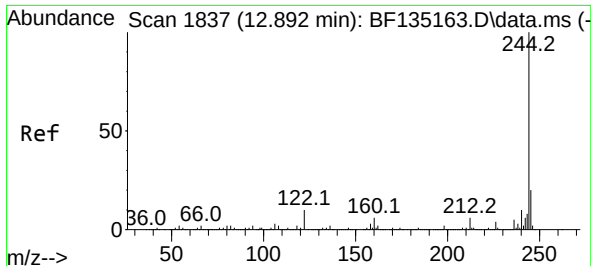
Tgt Ion:248 Resp: 14100
Ion Ratio Lower Upper
248 100
250 210.2 78.6 117.8#
141 494.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

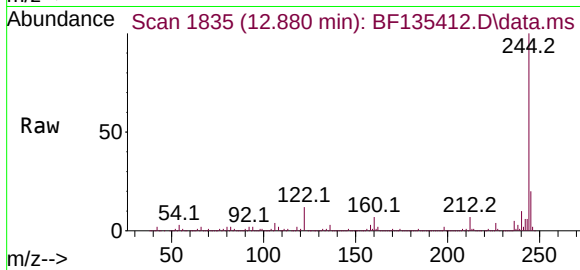
Tgt Ion:240 Resp: 269356
Ion Ratio Lower Upper
240 100
120 14.1 9.4 14.2
236 26.8 19.8 29.8



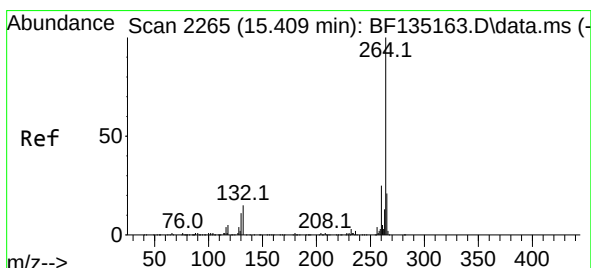
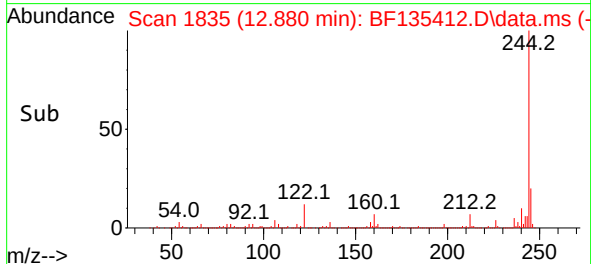
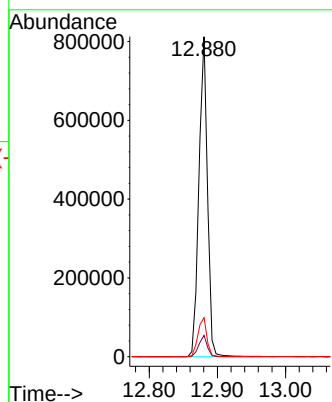


#79
 Terphenyl-d14
 Concen: 40.359 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135412.D
 Acq: 22 Sep 2023 21:46

Instrument :
 BNA_F
 ClientSampleId :
 B102-10



Tgt Ion:244 Resp: 701257
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.2 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: BF135412.D
 Acq: 22 Sep 2023 21:46

Tgt Ion:264 Resp: 334213
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.7 17.0 25.4

