

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138235.D
 Acq On : 18 Jun 2024 20:29
 Operator : CG\JU
 Sample : P2887-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-06132024

Quant Time: Jun 19 01:24:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

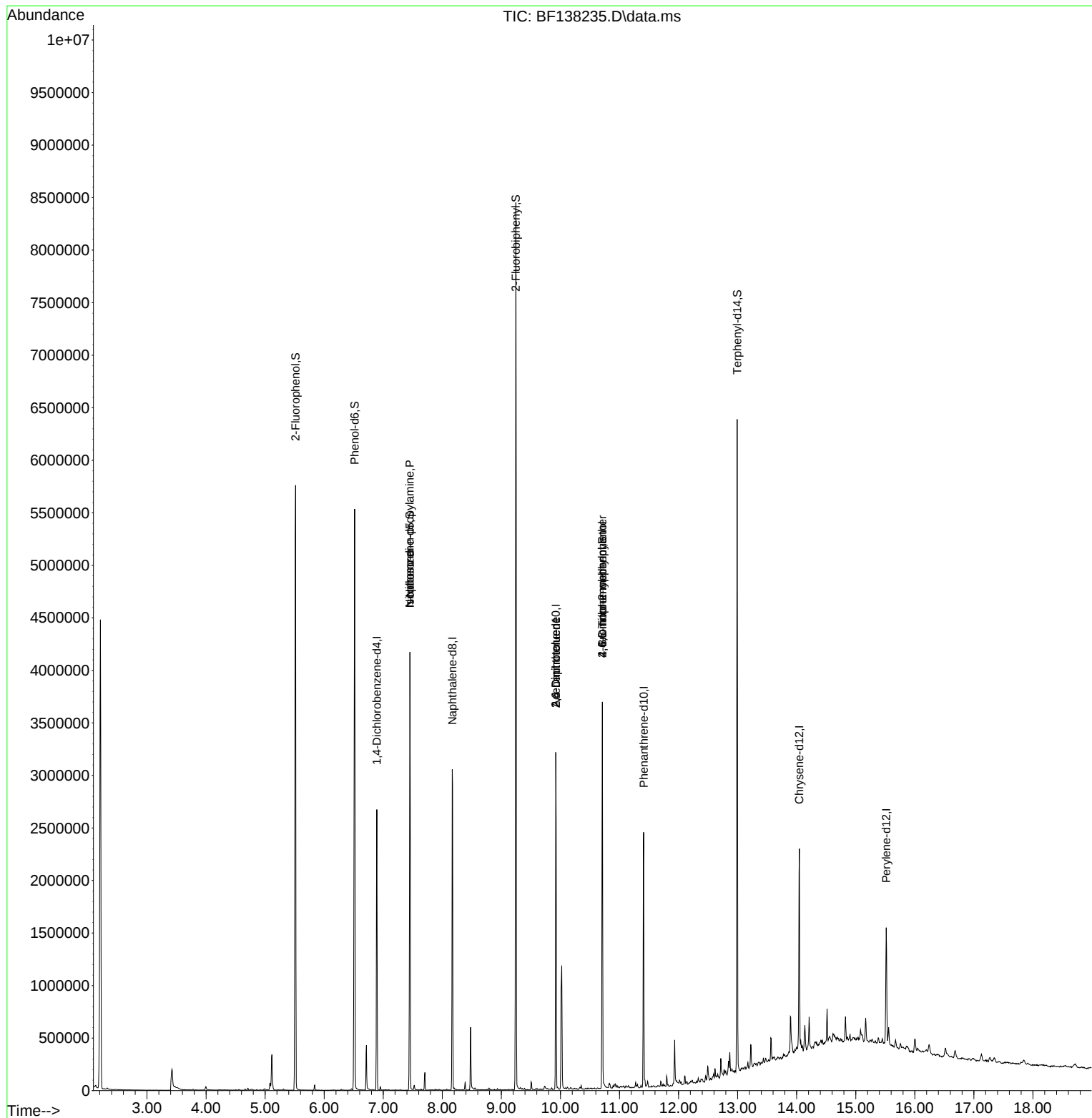
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	366135	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1351168	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	639181	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	868707	20.000	ng	0.00
76) Chrysene-d12	14.045	240	650559	20.000	ng	0.00
86) Perylene-d12	15.515	264	527847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1738537	79.432	ng	0.00
7) Phenol-d6	6.516	99	2119948	76.384	ng	0.00
23) Nitrobenzene-d5	7.451	82	1262541	54.398	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	425276	66.834	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2441066	60.729	ng	0.00
79) Terphenyl-d14	12.992	244	2041310	49.697	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	169184	10.284	ng	# 76
25) Isophorone	7.451	82	1261453	30.048	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	82604	9.723	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	82690	7.891	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	858	7.100	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	26746	2.732	ng	# 1

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

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Quant Time: Jun 19 01:24:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

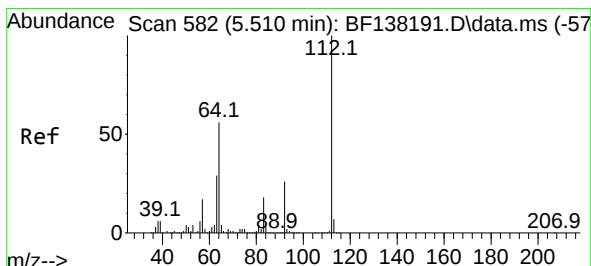
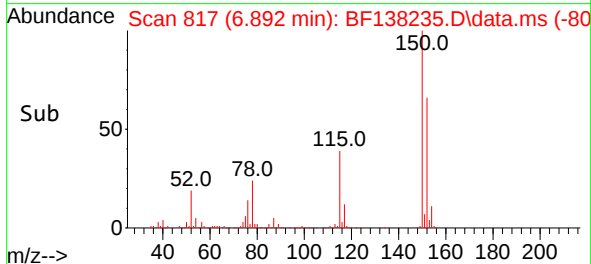
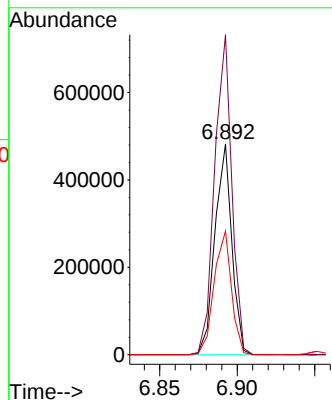
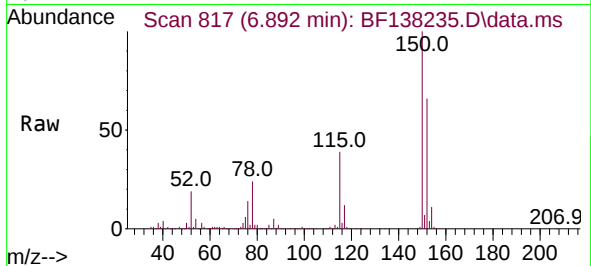




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

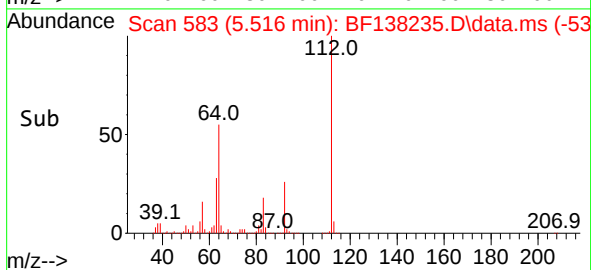
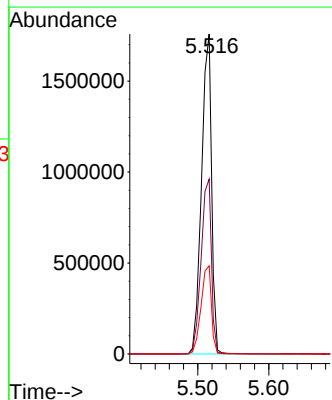
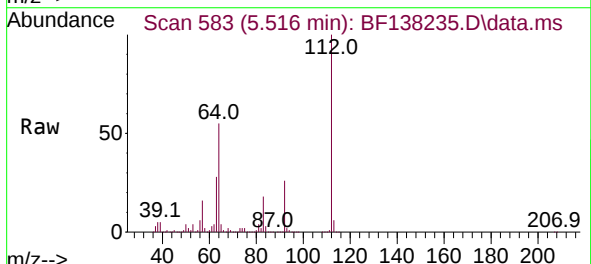
Instrument :
BNA_F
ClientSampleId :
HD-01-06132024

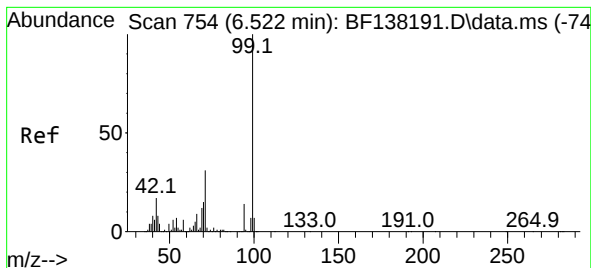
Tgt Ion:152 Resp: 366135
Ion Ratio Lower Upper
152 100
150 151.9 125.0 187.4
115 58.7 48.4 72.6



#5
2-Fluorophenol
Concen: 79.432 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

Tgt Ion:112 Resp: 1738537
Ion Ratio Lower Upper
112 100
64 54.6 45.2 67.8
63 27.5 22.9 34.3





#7

Phenol-d6

Concen: 76.384 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

Instrument :

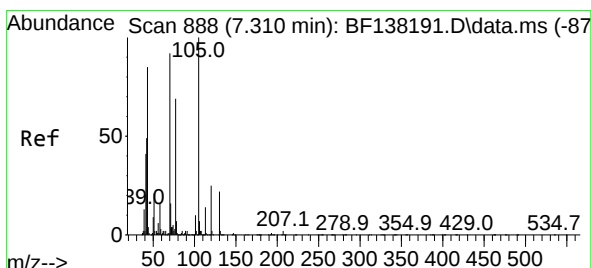
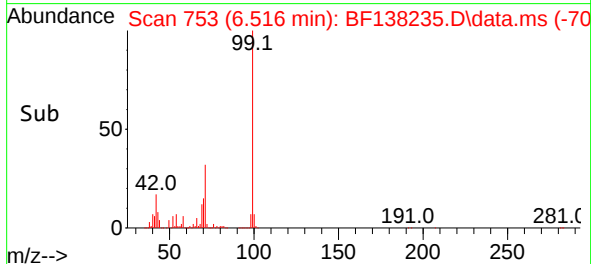
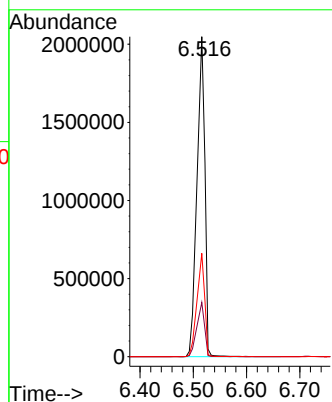
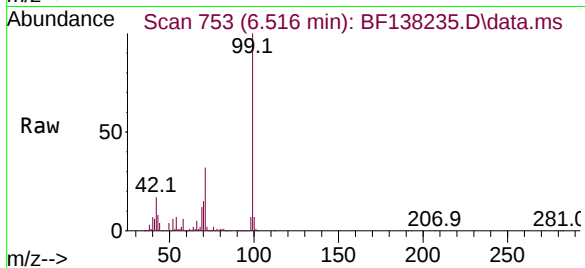
BNA_F

ClientSampleId :

HD-01-06132024

Tgt Ion: 99 Resp: 2119948

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	32.3	25.0	37.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.284 ng

RT: 7.451 min Scan# 912

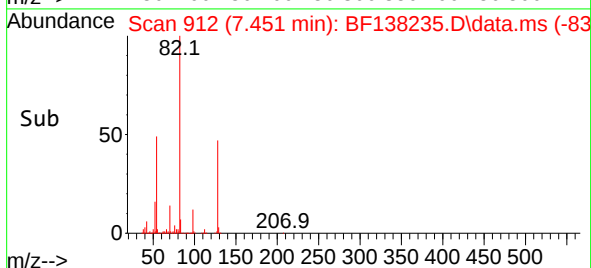
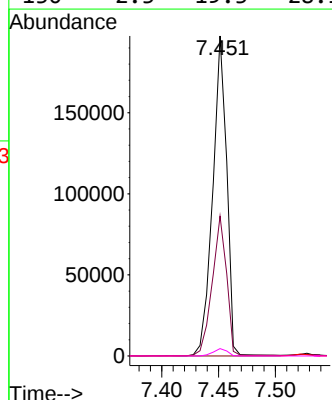
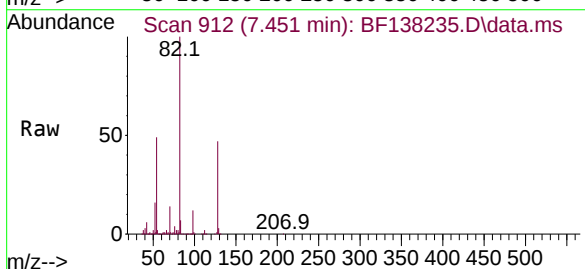
Delta R.T. 0.141 min

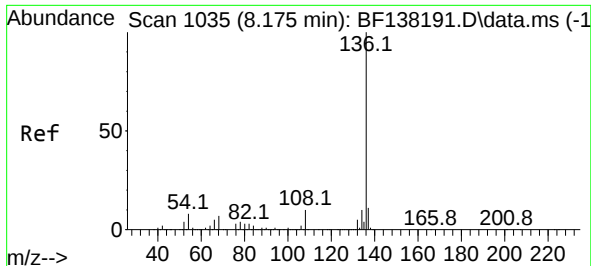
Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

Tgt Ion: 70 Resp: 169184

Ion	Ratio	Lower	Upper
70	100		
42	43.7	42.8	64.2
101	0.0	8.4	12.6#
130	2.3	19.3	28.9#

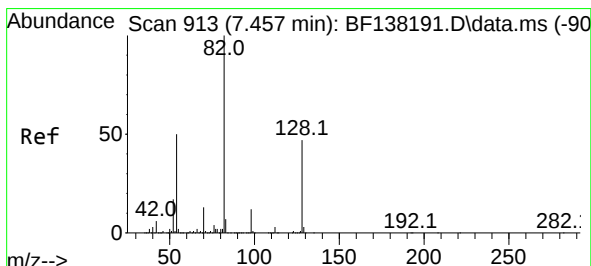
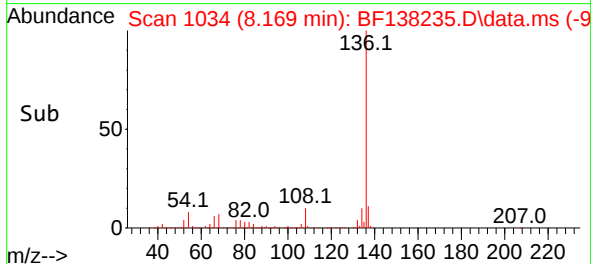
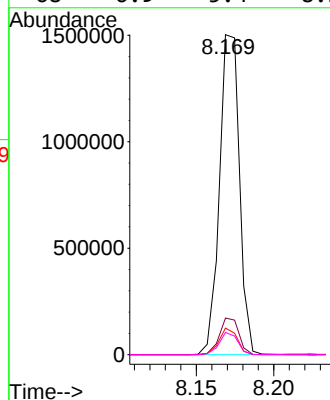
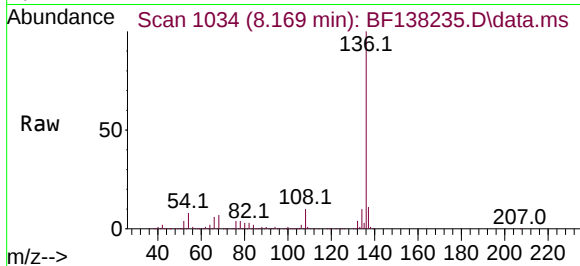




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

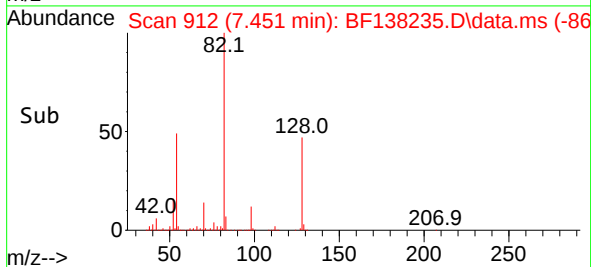
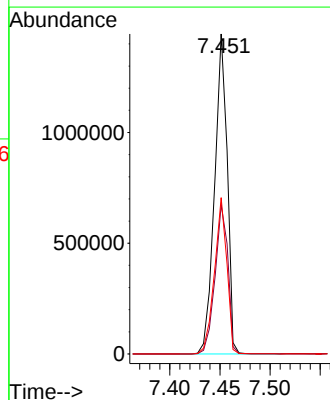
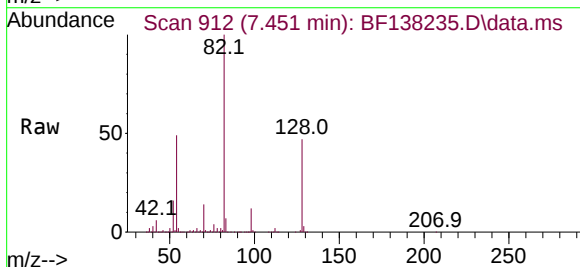
Instrument :
BNA_F
ClientSampleId :
HD-01-06132024

Tgt Ion:136 Resp: 1351168
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.3 6.6 10.0
68 6.9 5.4 8.2



#23
Nitrobenzene-d5
Concen: 54.398 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

Tgt Ion: 82 Resp: 1262541
Ion Ratio Lower Upper
82 100
128 46.6 37.2 55.8
54 48.8 39.8 59.6

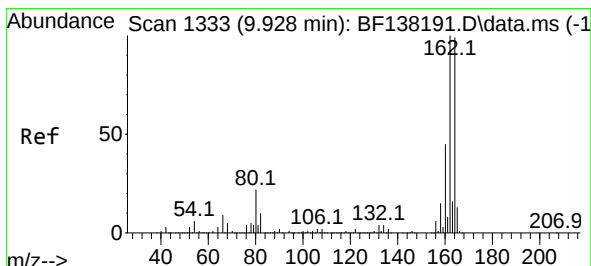
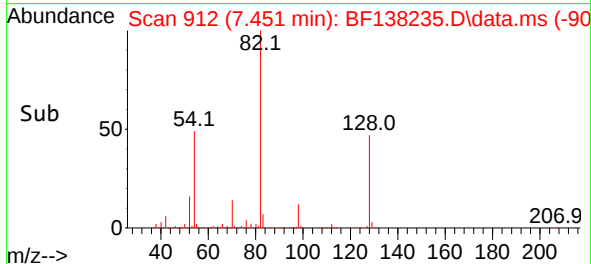
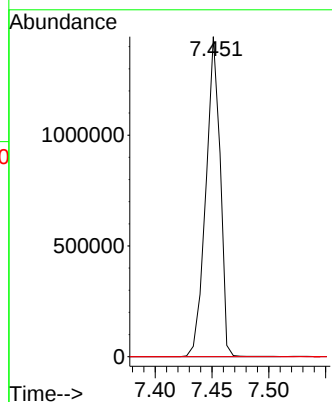
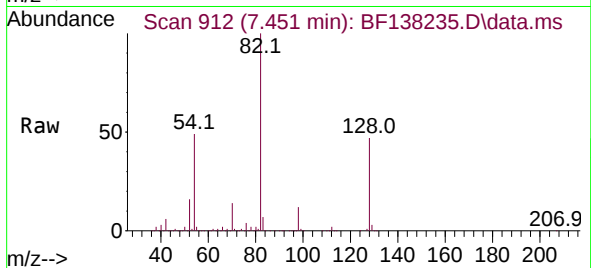




#25
Isophorone
Concen: 30.048 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

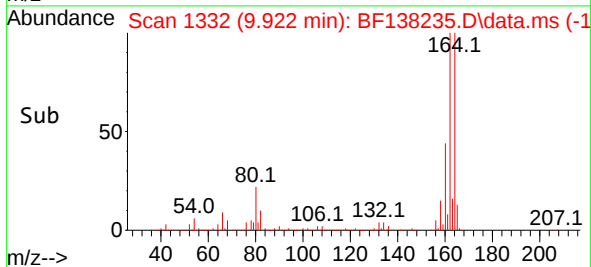
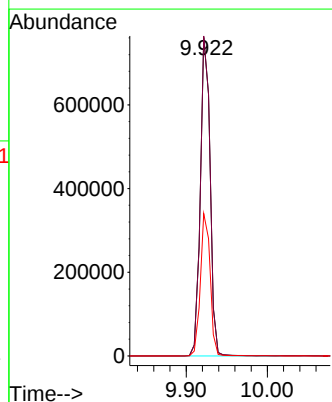
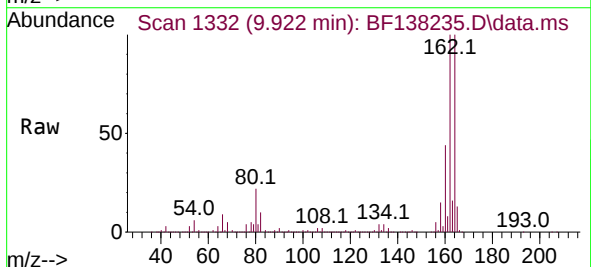
Instrument :
BNA_F
ClientSampleId :
HD-01-06132024

Tgt Ion: 82 Resp: 1261453
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

Tgt Ion:164 Resp: 639181
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 66.834 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

Instrument :

BNA_F

ClientSampleId :

HD-01-06132024

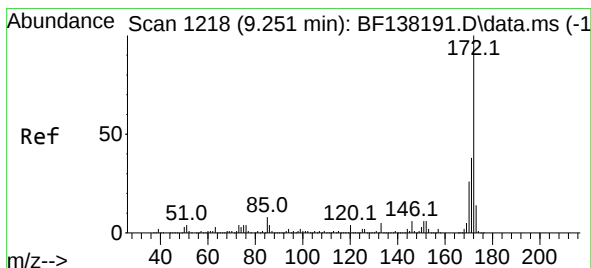
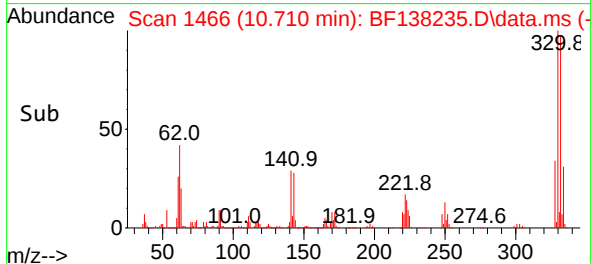
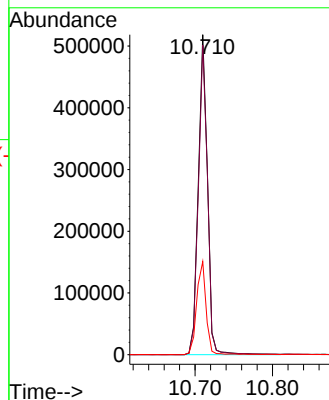
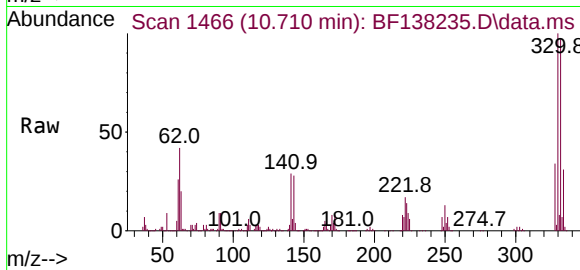
Tgt Ion:330 Resp: 425276

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

141 30.2 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 60.729 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

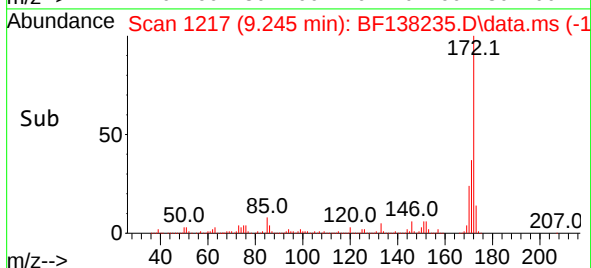
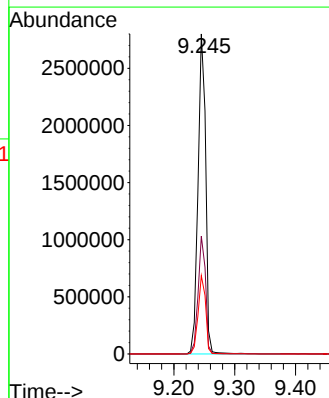
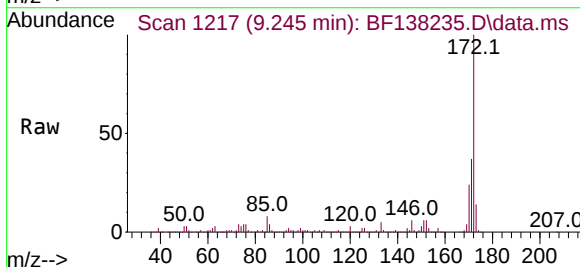
Tgt Ion:172 Resp: 2441066

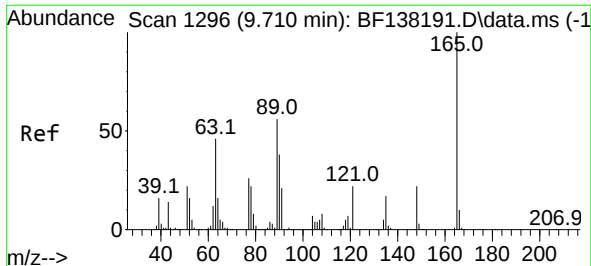
Ion Ratio Lower Upper

172 100

171 36.8 30.3 45.5

170 24.5 20.6 30.8

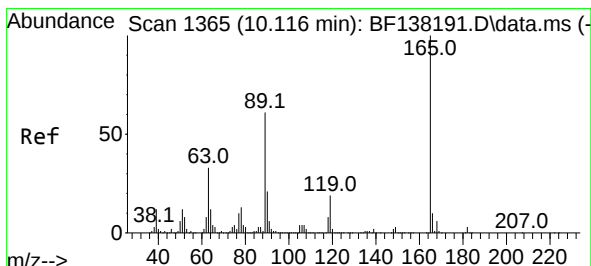
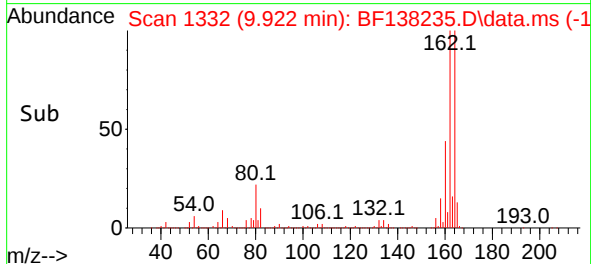
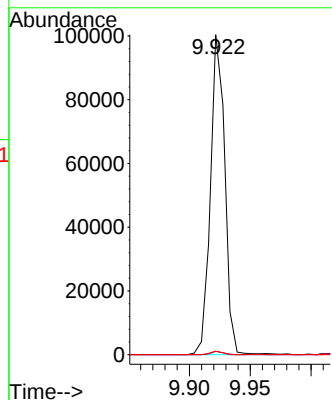
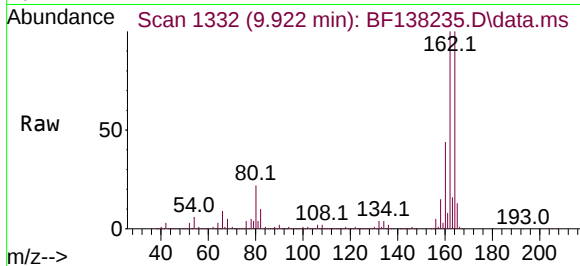




#51
2,6-Dinitrotoluene
Concen: 9.723 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

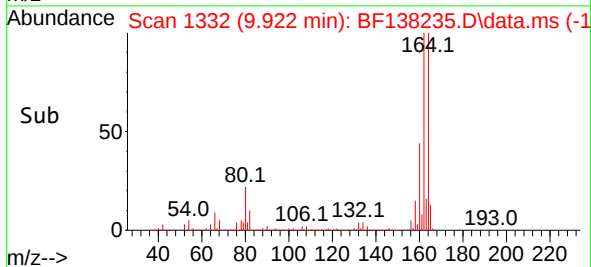
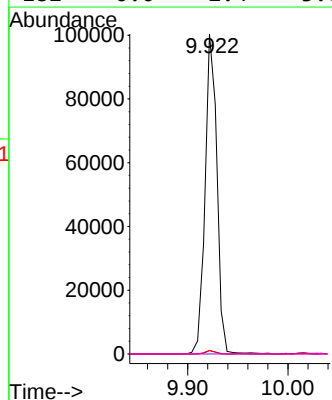
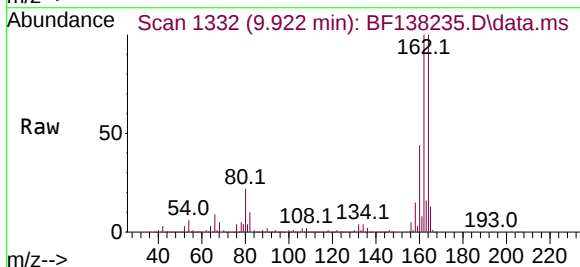
Instrument :
BNA_F
ClientSampleId :
HD-01-06132024

Tgt Ion:165 Resp: 82604
Ion Ratio Lower Upper
165 100
63 1.1 43.7 65.5#
89 1.1 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.891 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

Tgt Ion:165 Resp: 82690
Ion Ratio Lower Upper
165 100
63 1.1 26.6 39.8#
89 1.1 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

Instrument :

BNA_F

ClientSampleId :

HD-01-06132024

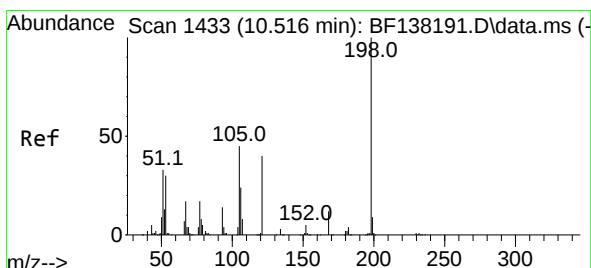
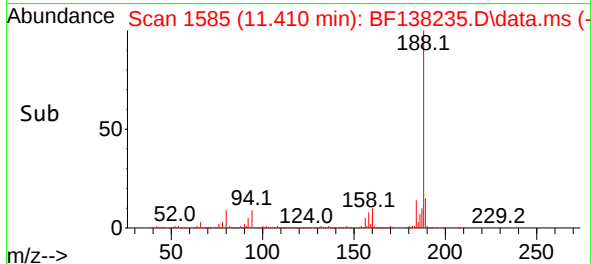
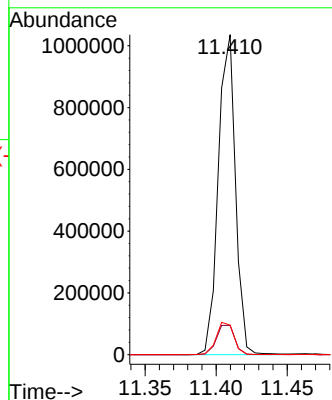
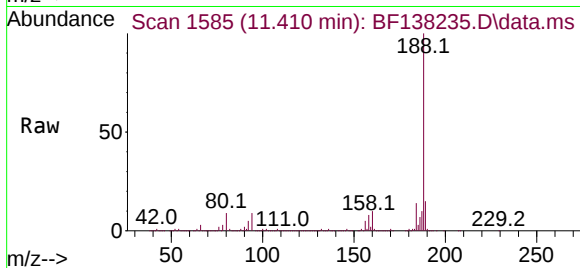
Tgt Ion:188 Resp: 868707

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.3 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.100 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

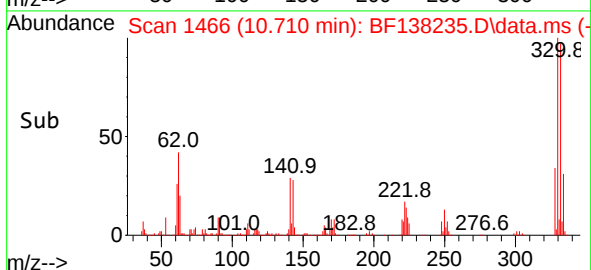
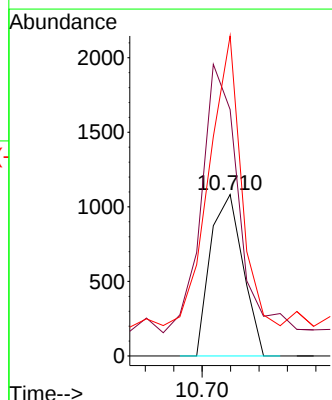
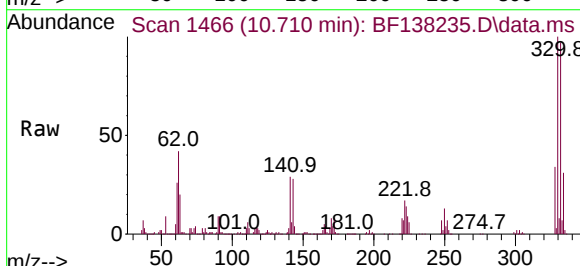
Tgt Ion:198 Resp: 858

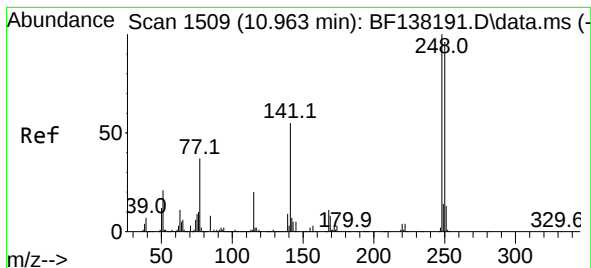
Ion Ratio Lower Upper

198 100

51 152.6 26.9 66.9#

105 198.2 26.0 66.0#

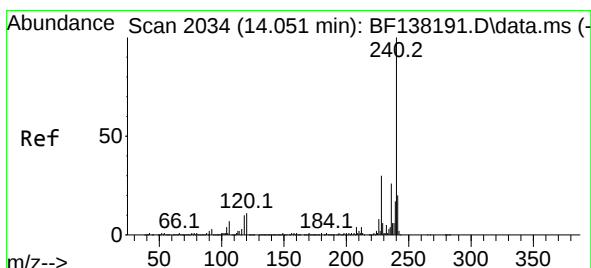
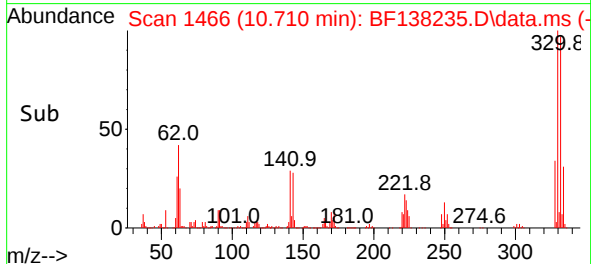
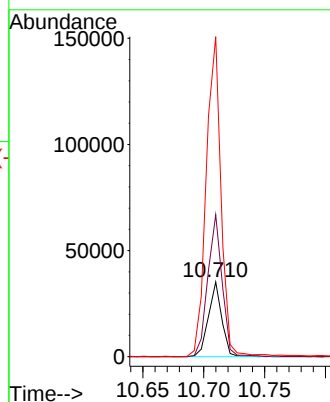
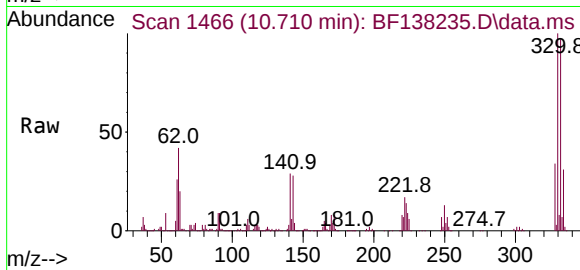




#67
4-Bromophenyl-phenylether
Concen: 2.732 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

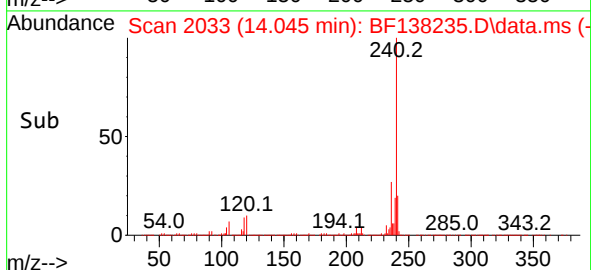
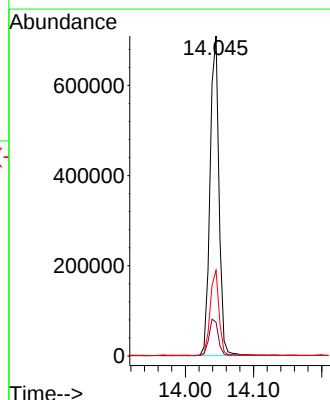
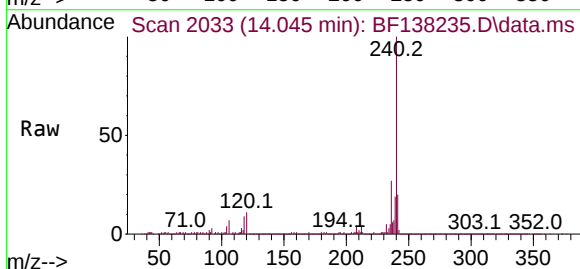
Instrument :
BNA_F
ClientSampleId :
HD-01-06132024

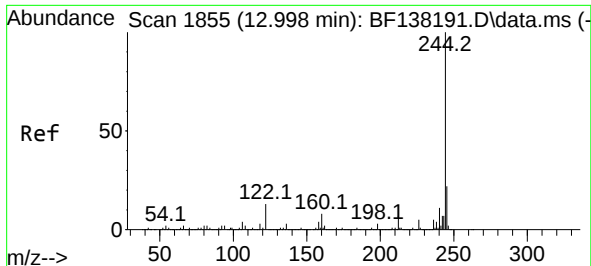
Tgt Ion:248 Resp: 26746
Ion Ratio Lower Upper
248 100
250 190.1 77.2 115.8#
141 428.7 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

Tgt Ion:240 Resp: 650559
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.7 21.0 31.6

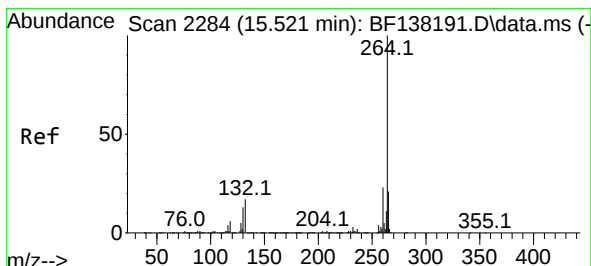
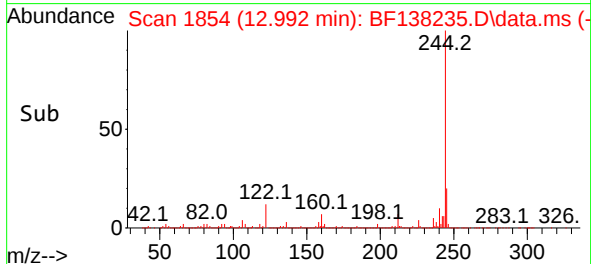
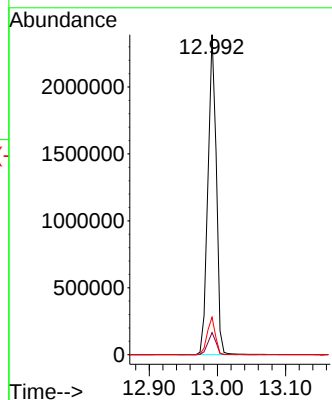
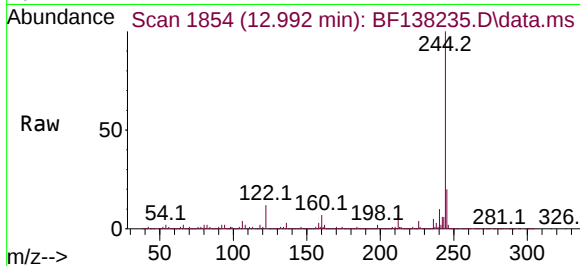




#79
 Terphenyl-d14
 Concen: 49.697 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138235.D
 Acq: 18 Jun 2024 20:29

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-06132024

Tgt Ion:244 Resp: 2041310
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.7 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138235.D
 Acq: 18 Jun 2024 20:29

Tgt Ion:264 Resp: 527847
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 22.4 17.0 25.6

