

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138313.D
 Acq On : 24 Jun 2024 16:43
 Operator : CG\JU
 Sample : P2977-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-D4

Quant Time: Jun 24 17:05:39 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)

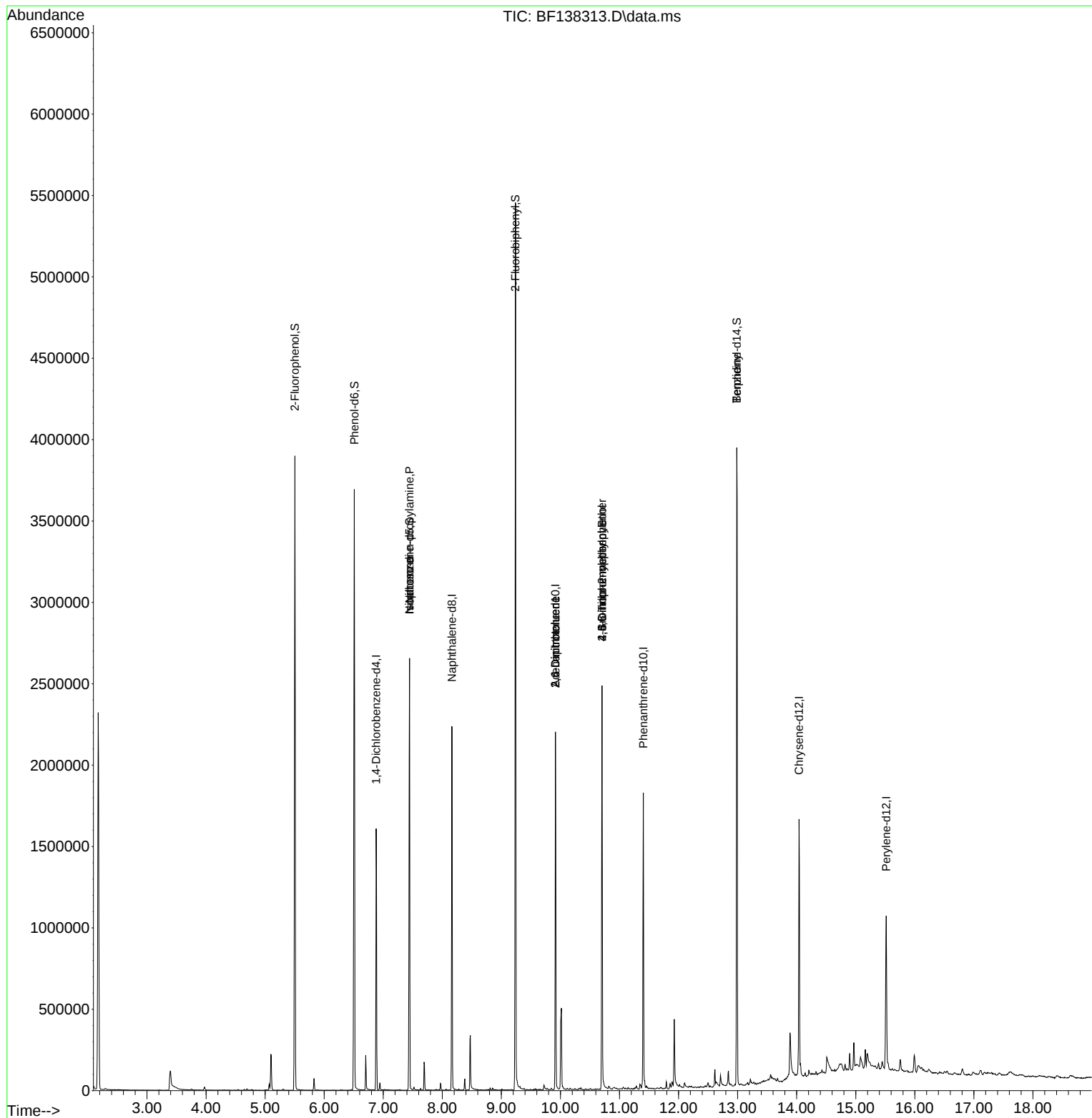
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	235605	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	866306	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	434691	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	610196	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	515121	20.000	ng	-0.01
86) Perylene-d12	15.515	264	448124	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1109957	78.808	ng	0.00
7) Phenol-d6	6.510	99	1363872	76.367	ng	-0.01
23) Nitrobenzene-d5	7.445	82	801788	53.881	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	301876	69.758	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1564736	57.240	ng	-0.01
79) Terphenyl-d14	12.986	244	1438925	44.242	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	106172	10.029	ng	# 76
25) Isophorone	7.445	82	800635	29.745	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	55991	9.690	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	55991	7.857	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	581	7.094	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	18585	2.703	ng	# 1
77) Benzidine	12.986	184	17421	2.924	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138313.D
Acq On : 24 Jun 2024 16:43
Operator : CG\JU
Sample : P2977-22
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D4

Quant Time: Jun 24 17:05:39 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

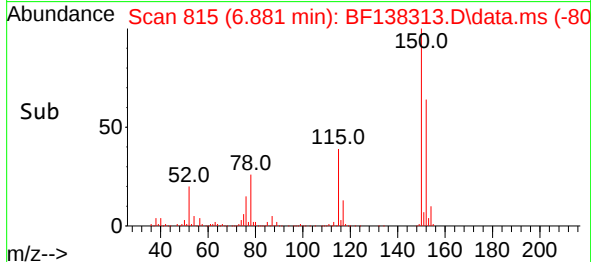
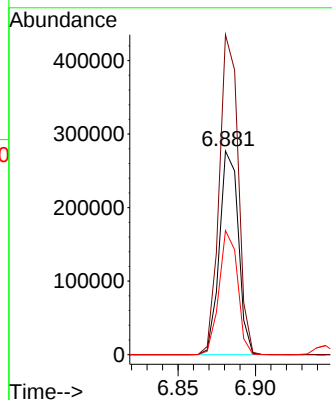
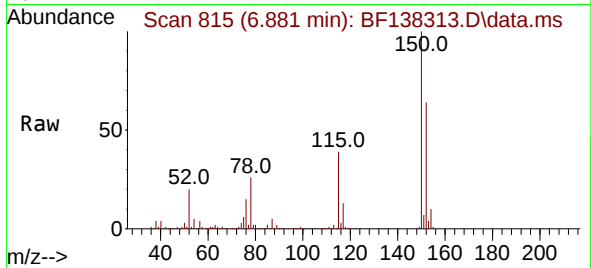




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

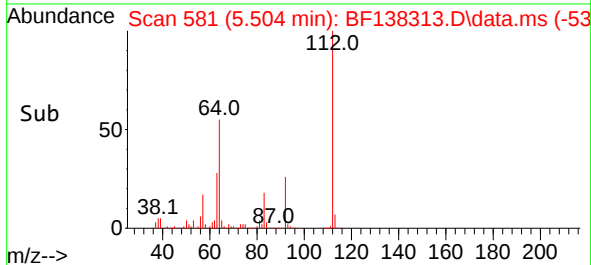
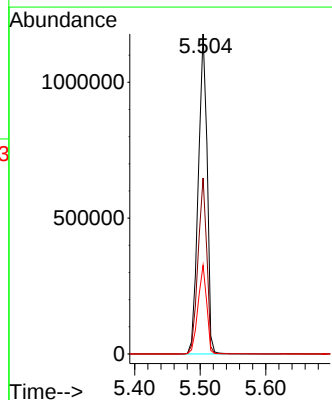
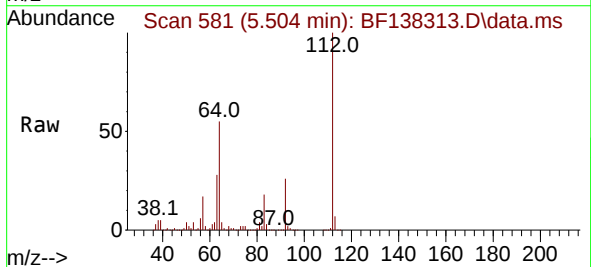
Instrument :
BNA_F
ClientSampleId :
OSTL-D4

Tgt Ion:152 Resp: 235605
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.4
115 60.9 48.4 72.6



#5
2-Fluorophenol
Concen: 78.808 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

Tgt Ion:112 Resp: 1109957
Ion Ratio Lower Upper
112 100
64 55.0 45.2 67.8
63 27.7 22.9 34.3

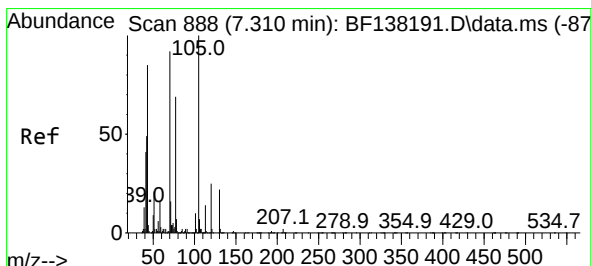
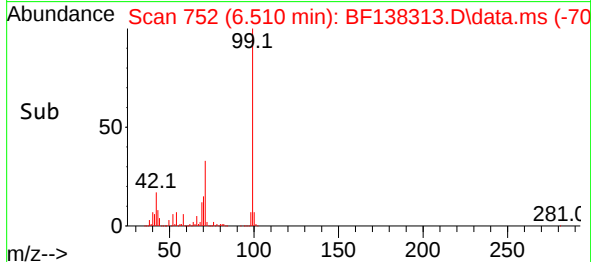
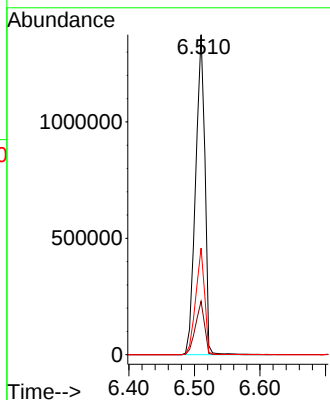
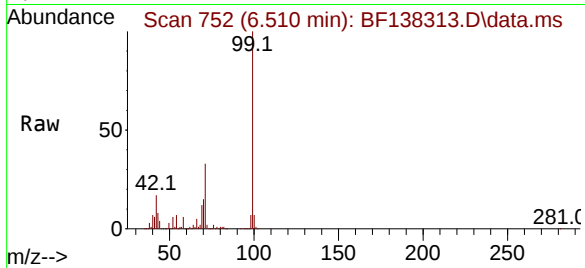




#7
Phenol-d6
Concen: 76.367 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

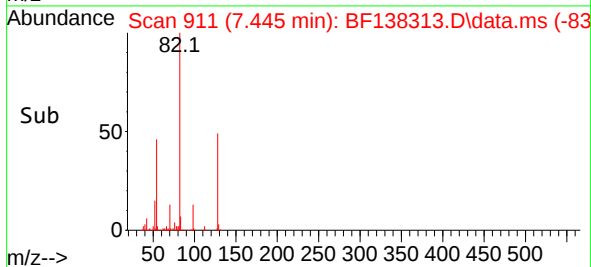
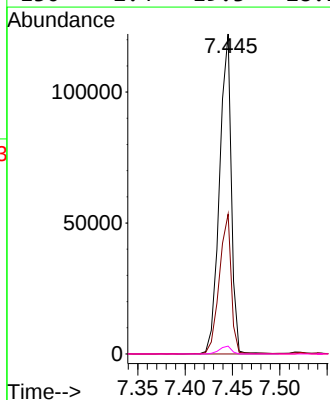
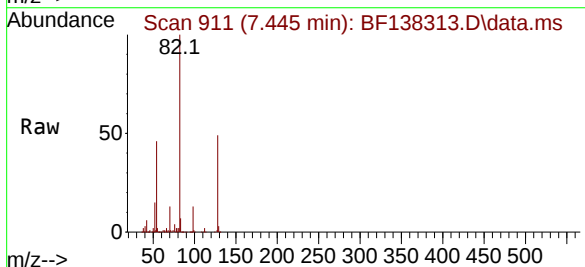
Instrument :
BNA_F
ClientSampleId :
OSTL-D4

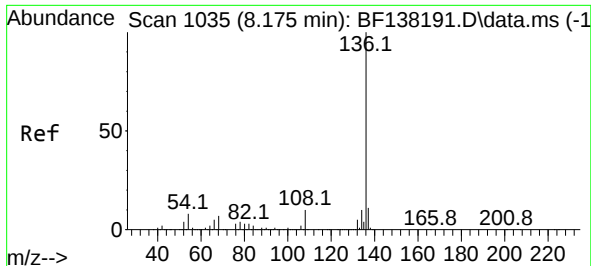
Tgt Ion: 99 Resp: 1363872
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.3 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.029 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

Tgt Ion: 70 Resp: 106172
Ion Ratio Lower Upper
70 100
42 43.7 42.8 64.2
101 0.0 8.4 12.6#
130 2.4 19.3 28.9#



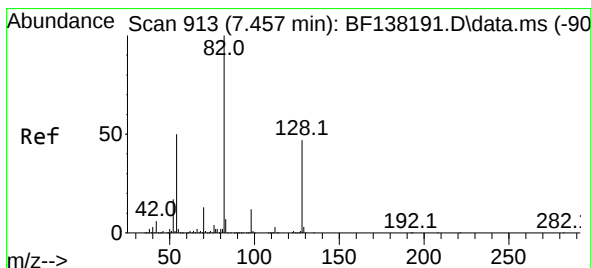
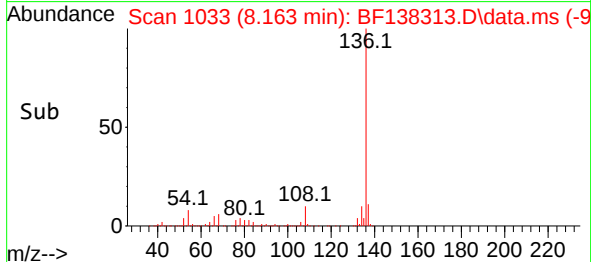
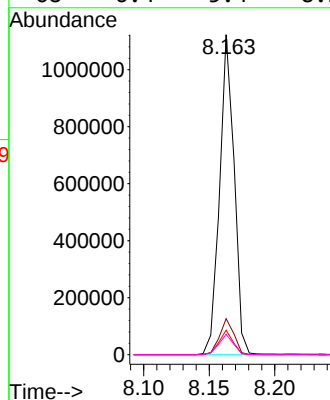
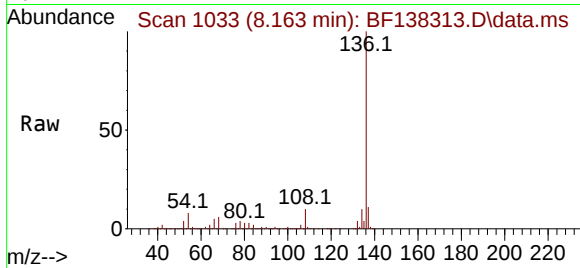


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

Instrument :
BNA_F
ClientSampleId :
OSTL-D4

Tgt Ion:136 Resp: 866306

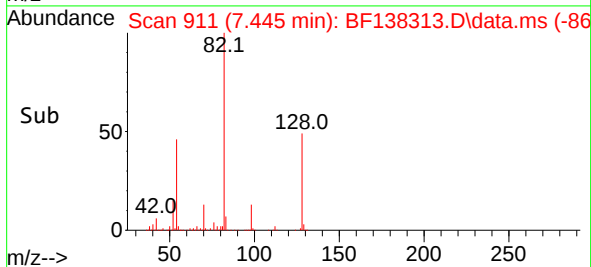
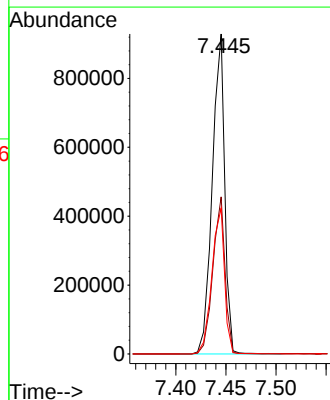
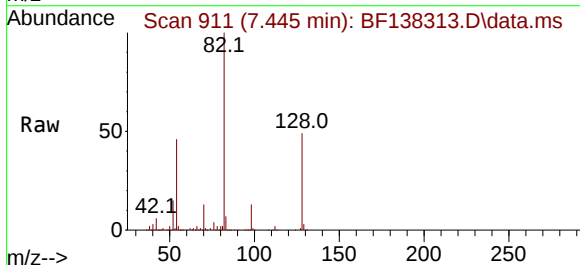
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.6	6.6	10.0
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 53.881 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

Tgt Ion: 82 Resp: 801788

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.2	55.8
54	45.6	39.8	59.6

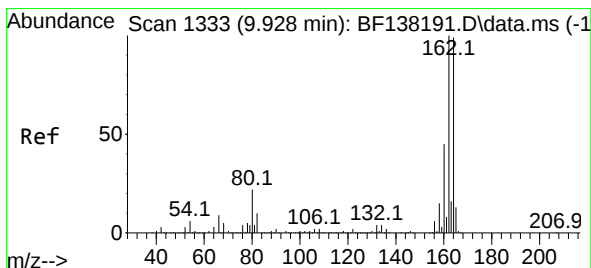
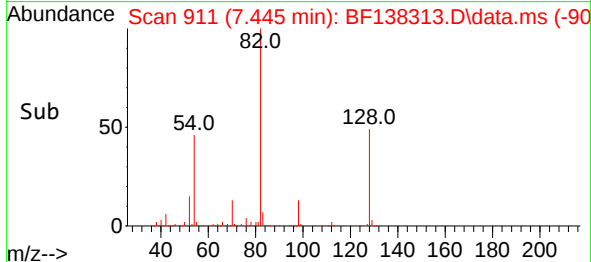
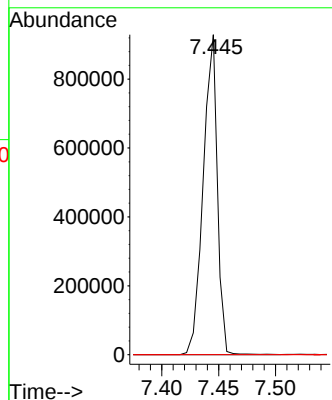
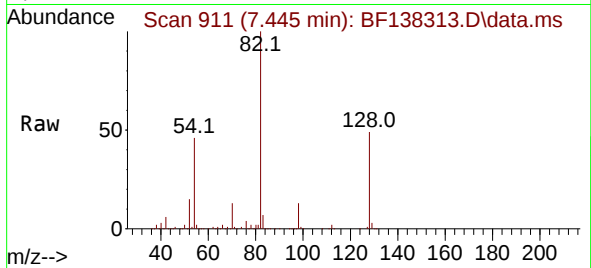




#25
Isophorone
Concen: 29.745 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.271 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

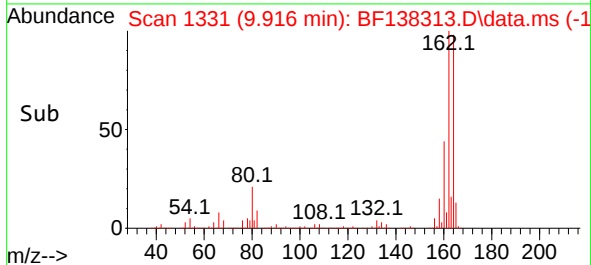
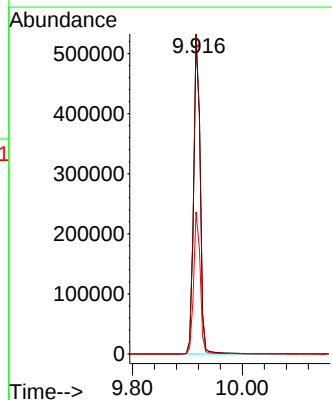
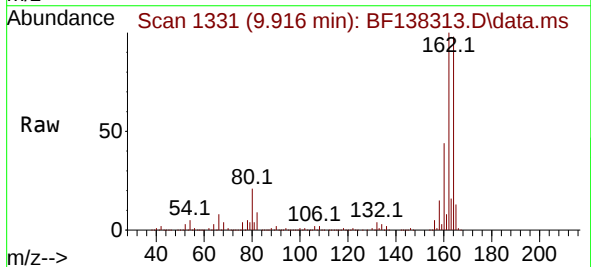
Instrument :
BNA_F
ClientSampleId :
OSTL-D4

Tgt Ion: 82 Resp: 800635
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: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

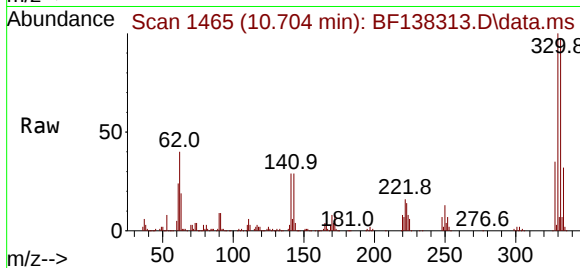
Tgt Ion: 164 Resp: 434691
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 45.2 36.3 54.5



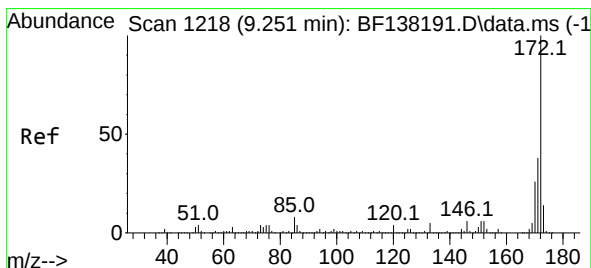
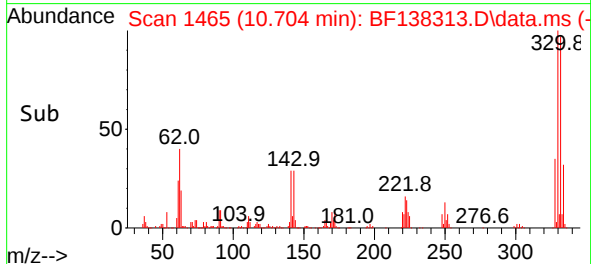
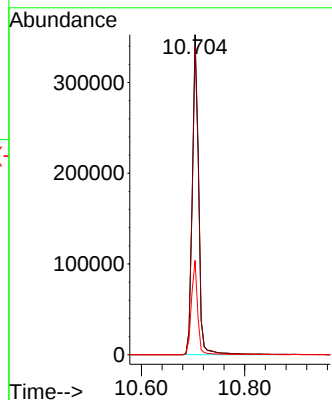


#42
2,4,6-Tribromophenol
Concen: 69.758 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

Instrument :
BNA_F
ClientSampleId :
OSTL-D4

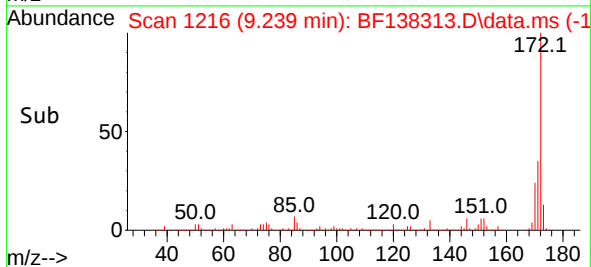
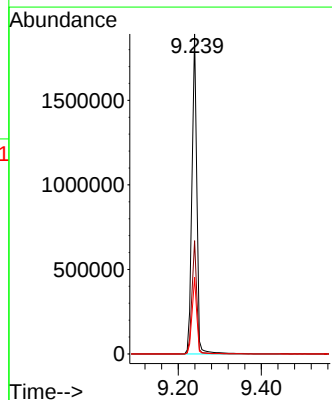
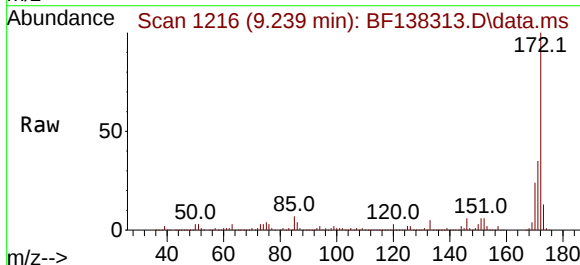


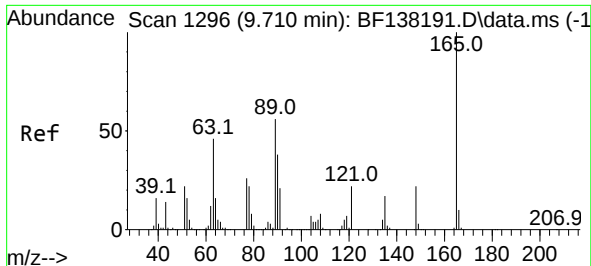
Tgt Ion:330 Resp: 301876
Ion Ratio Lower Upper
330 100
332 97.2 76.6 115.0
141 28.7 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 57.240 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

Tgt Ion:172 Resp: 1564736
Ion Ratio Lower Upper
172 100
171 35.4 30.3 45.5
170 23.9 20.6 30.8

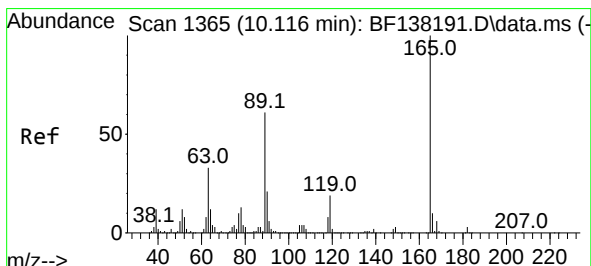
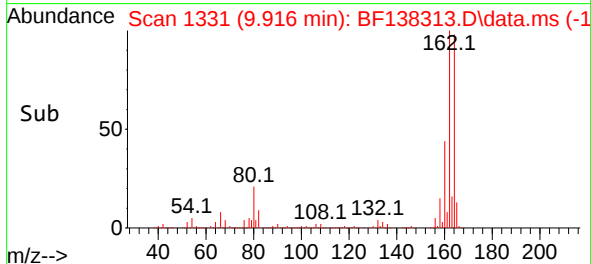
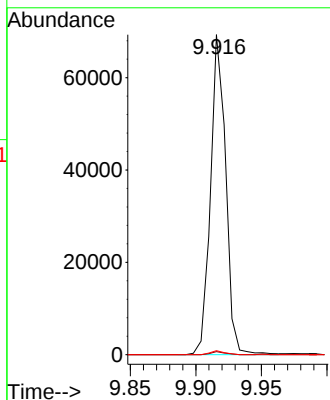
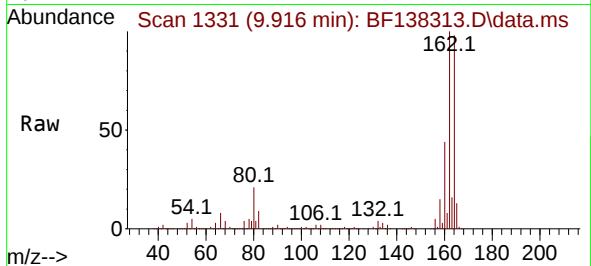




#51
2,6-Dinitrotoluene
Concen: 9.690 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

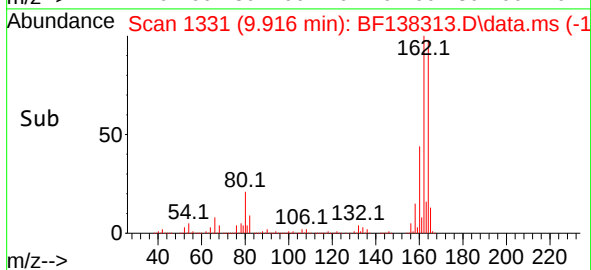
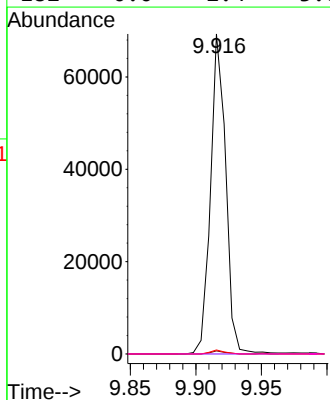
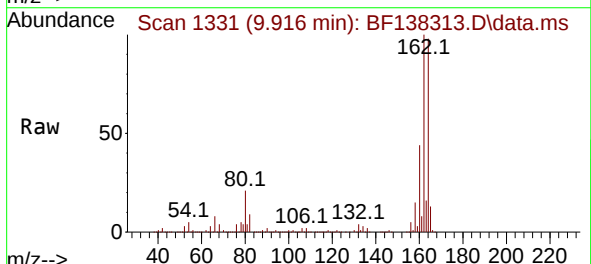
Instrument :
BNA_F
ClientSampleId :
OSTL-D4

Tgt Ion:165 Resp: 55991
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.857 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

Tgt Ion:165 Resp: 55991
Ion Ratio Lower Upper
165 100
63 1.0 26.6 39.8#
89 1.2 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138313.D

Acq: 24 Jun 2024 16:43

Instrument :

BNA_F

ClientSampleId :

OSTL-D4

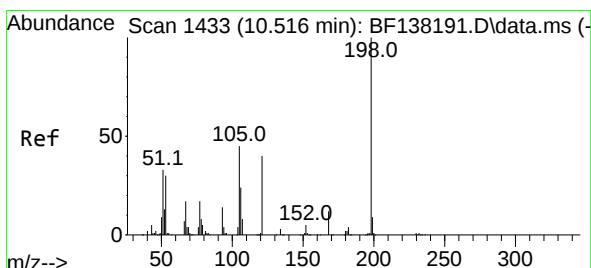
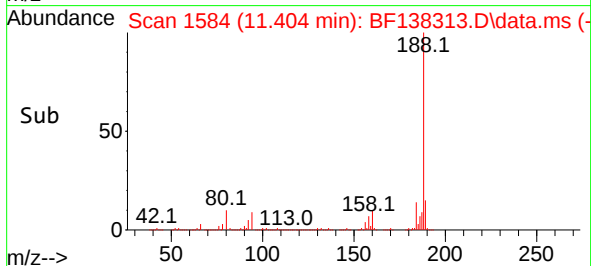
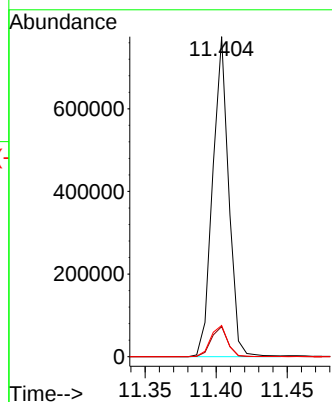
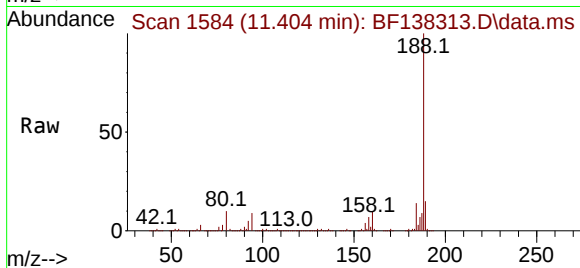
Tgt Ion:188 Resp: 610196

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.7 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.094 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138313.D

Acq: 24 Jun 2024 16:43

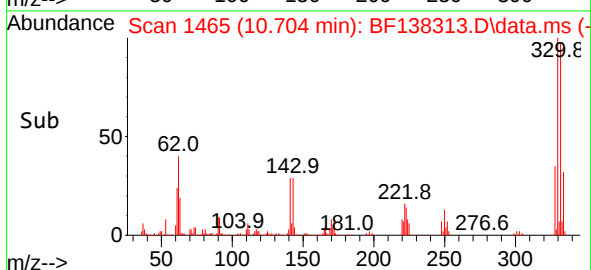
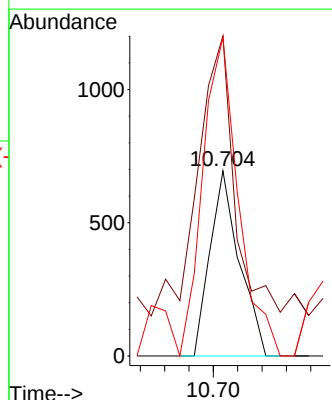
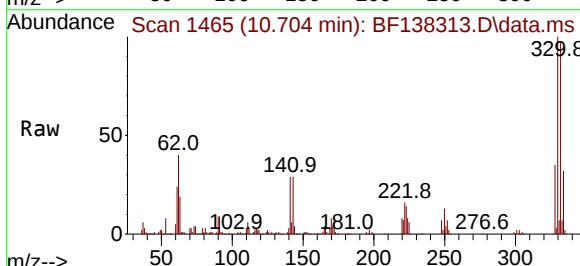
Tgt Ion:198 Resp: 581

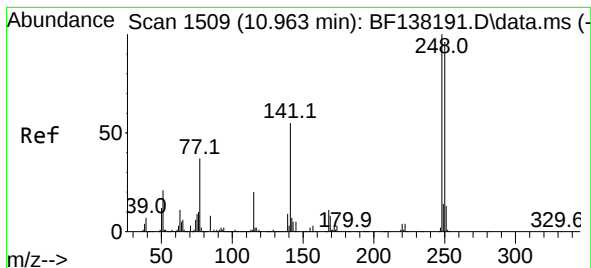
Ion Ratio Lower Upper

198 100

51 172.8 26.9 66.9#

105 172.1 26.0 66.0#

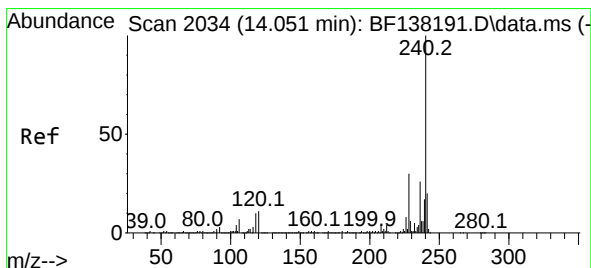
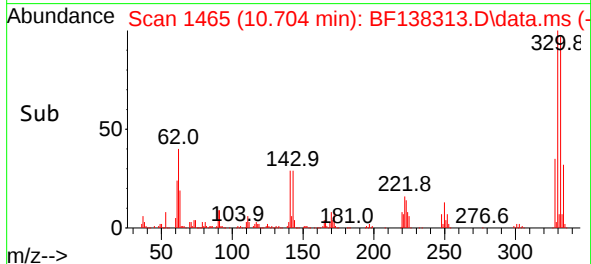
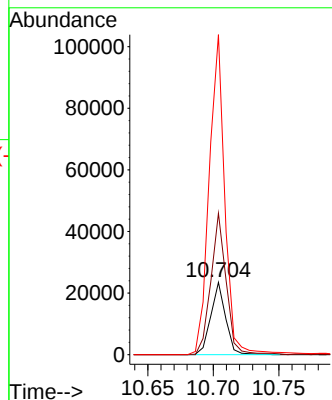
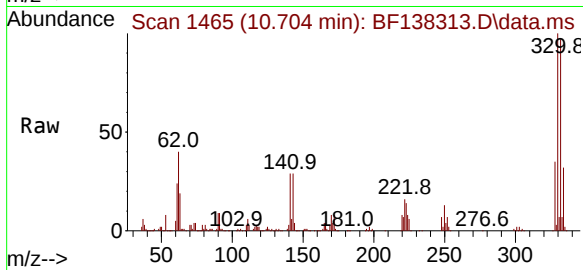




#67
4-Bromophenyl-phenylether
Concen: 2.703 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

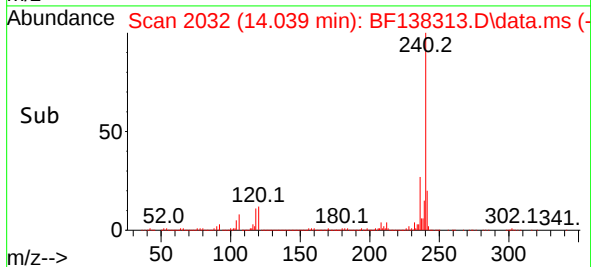
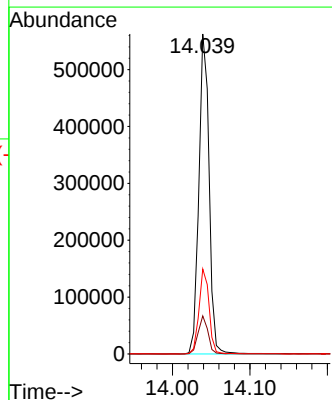
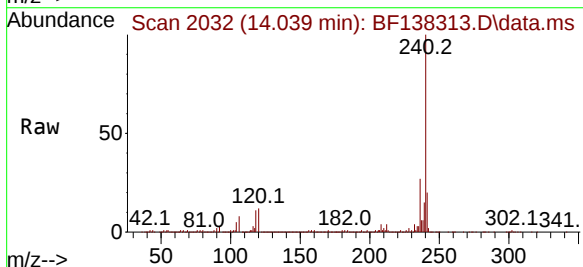
Instrument :
BNA_F
ClientSampleId :
OSTL-D4

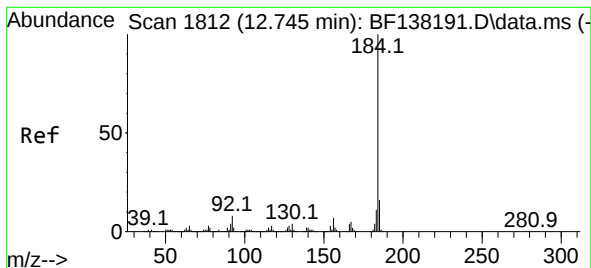
Tgt Ion:248 Resp: 18585
Ion Ratio Lower Upper
248 100
250 195.4 77.2 115.8#
141 442.0 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138313.D
Acq: 24 Jun 2024 16:43

Tgt Ion:240 Resp: 515121
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.5 21.0 31.6





#77

Benzidine

Concen: 2.924 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138313.D

Acq: 24 Jun 2024 16:43

Instrument :

BNA_F

ClientSampleId :

OSTL-D4

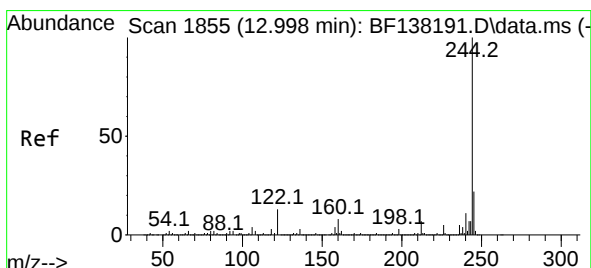
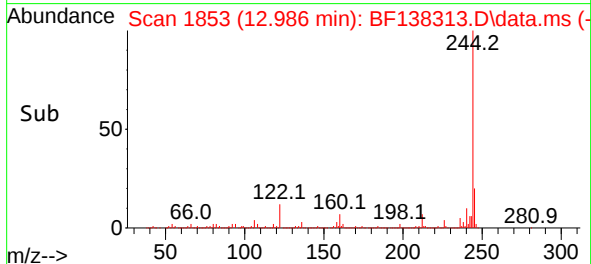
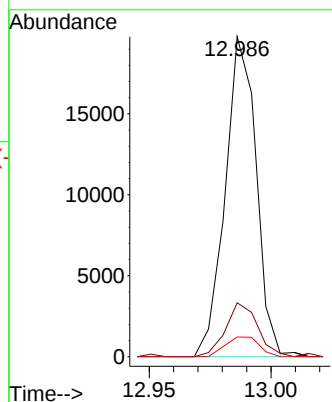
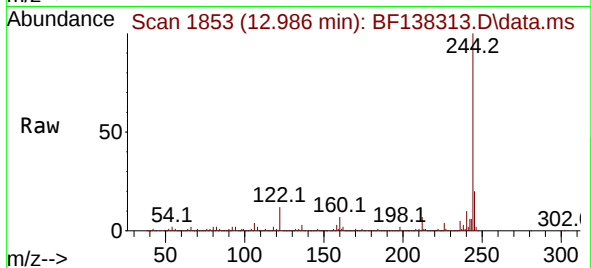
Tgt Ion:184 Resp: 17421

Ion Ratio Lower Upper

184 100

185 16.9 12.6 19.0

183 6.2 9.0 13.6#



#79

Terphenyl-d14

Concen: 44.242 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138313.D

Acq: 24 Jun 2024 16:43

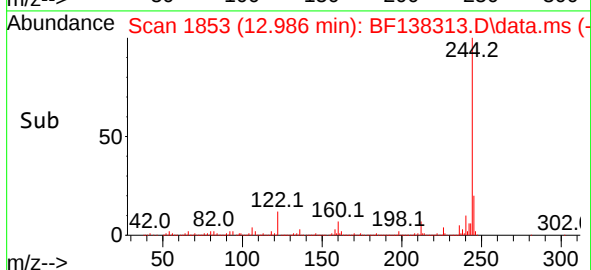
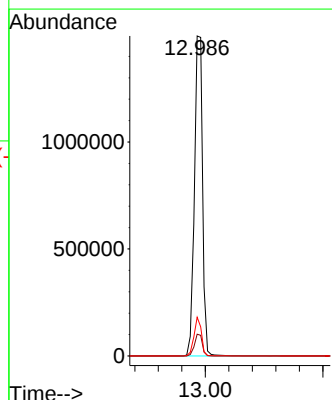
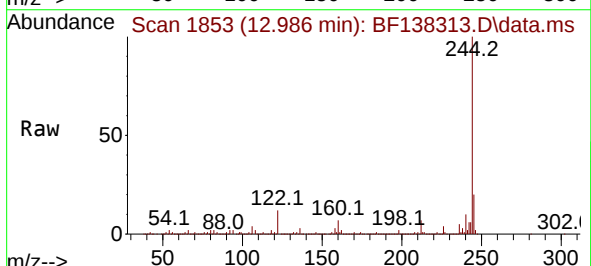
Tgt Ion:244 Resp: 1438925

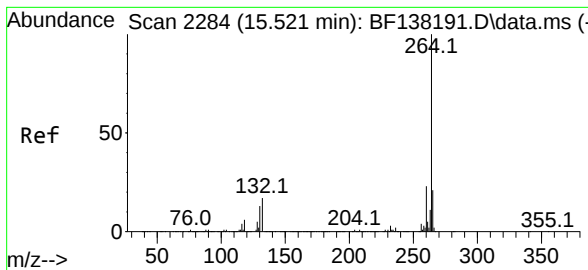
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 12.1 10.6 15.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138313.D
 Acq: 24 Jun 2024 16:43

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-D4

Tgt Ion:264 Resp: 448124

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.5	17.0	25.6

