

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138246.D
 Acq On : 19 Jun 2024 15:19
 Operator : CG\JU
 Sample : PB161582BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161582BL

Quant Time: Jun 19 15:49:20 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)

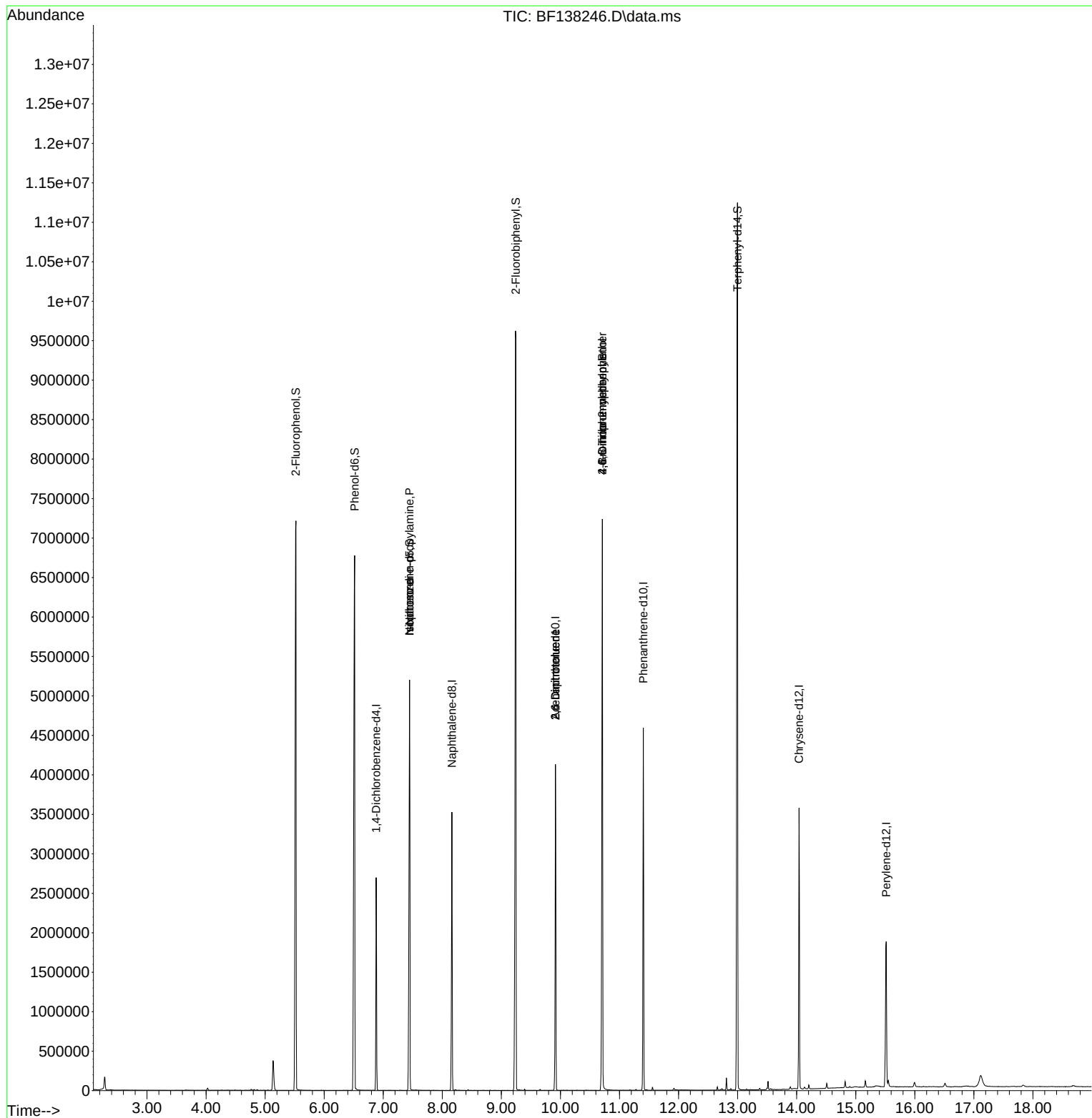
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	386608	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1539169	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	863587	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1593235	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	1115492	20.000	ng	-0.01
86) Perylene-d12	15.515	264	901082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2547497	110.229	ng	0.01
7) Phenol-d6	6.516	99	3167747	108.093	ng	0.00
23) Nitrobenzene-d5	7.445	82	2016756	76.280	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	1016934	118.287	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3724970	68.589	ng	0.00
79) Terphenyl-d14	12.998	244	4505026	63.965	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	268521	15.458	ng	# 78
25) Isophorone	7.445	82	2011010	42.052	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	114794	10.000	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	114794	8.108	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	2150	7.161	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	66930	3.728	ng	# 1

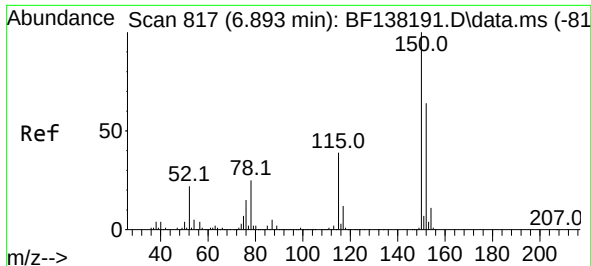
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

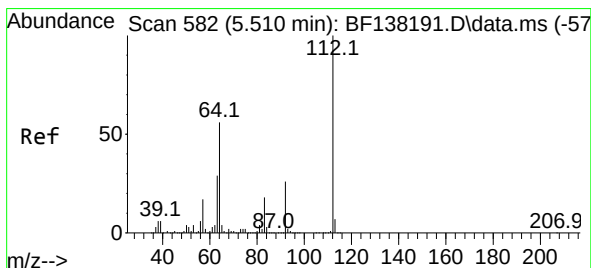
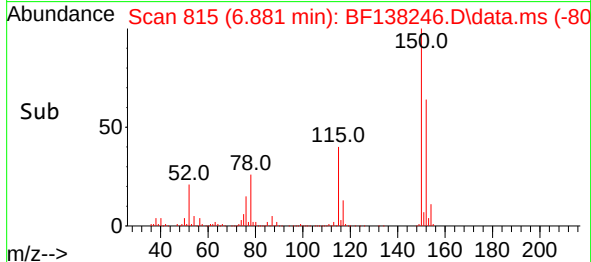
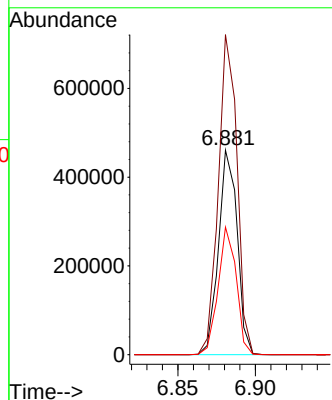
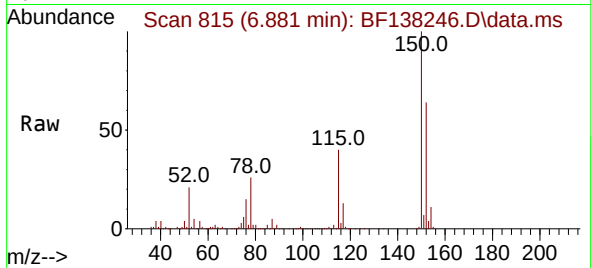




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF138246.D
 Acq: 19 Jun 2024 15:19

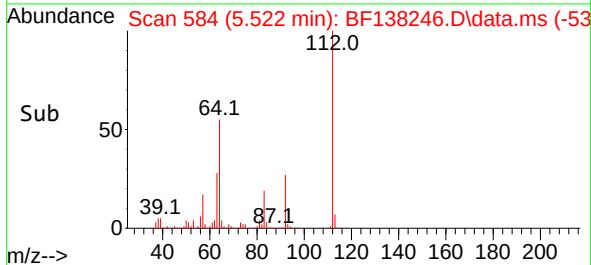
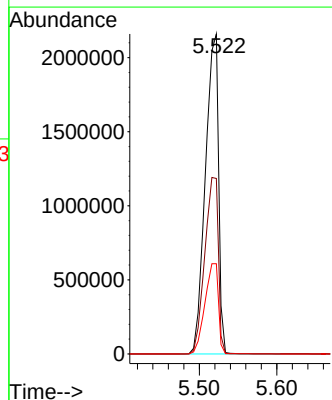
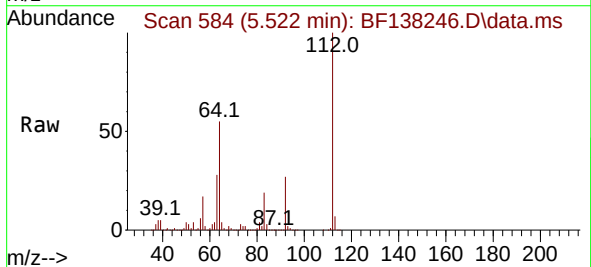
Instrument :
 BNA_F
 ClientSampleId :
 PB161582BL

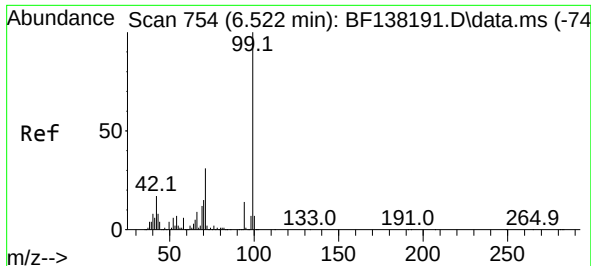
Tgt Ion:152 Resp: 386608
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.0 187.4
 115 62.3 48.4 72.6



#5
 2-Fluorophenol
 Concen: 110.229 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.012 min
 Lab File: BF138246.D
 Acq: 19 Jun 2024 15:19

Tgt Ion:112 Resp: 2547497
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.2 67.8
 63 28.2 22.9 34.3

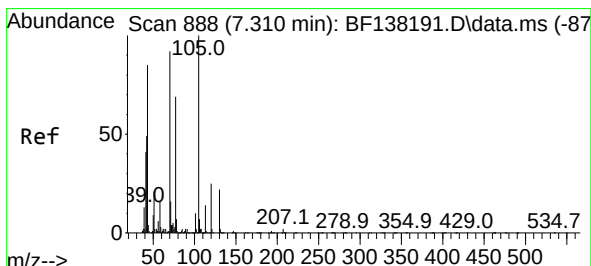
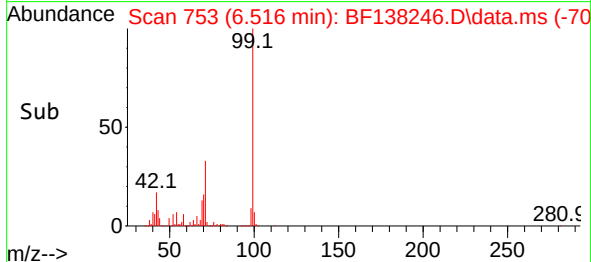
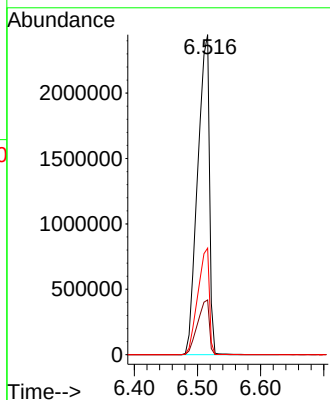
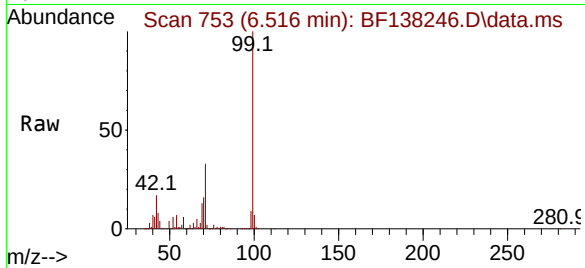




#7
Phenol-d6
Concen: 108.093 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

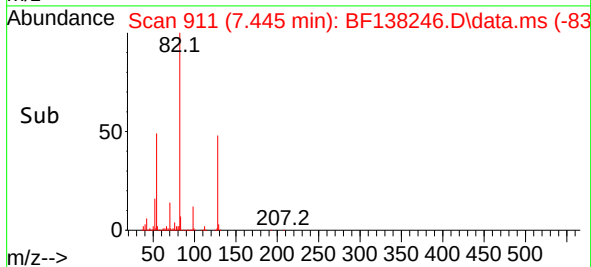
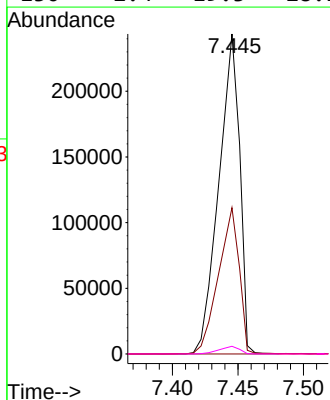
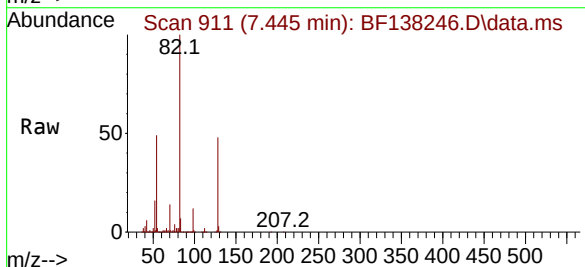
Instrument :
BNA_F
ClientSampleId :
PB161582BL

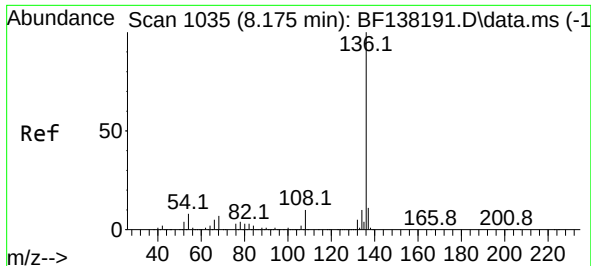
Tgt Ion: 99 Resp: 3167747
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 33.3 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.458 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

Tgt Ion: 70 Resp: 268521
Ion Ratio Lower Upper
70 100
42 45.7 42.8 64.2
101 0.0 8.4 12.6#
130 2.4 19.3 28.9#



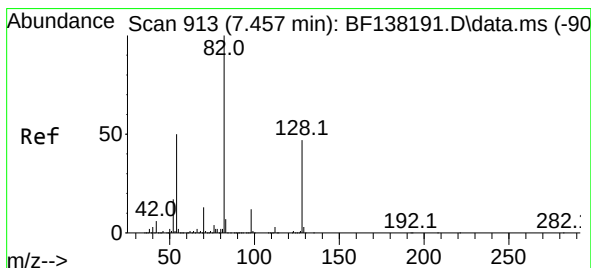
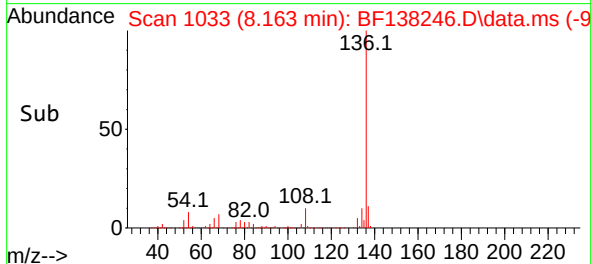
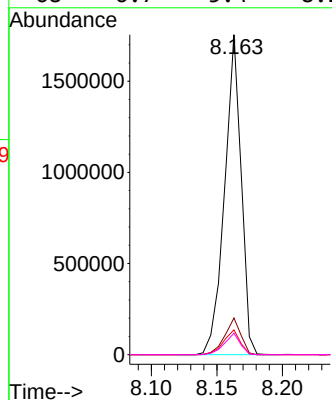
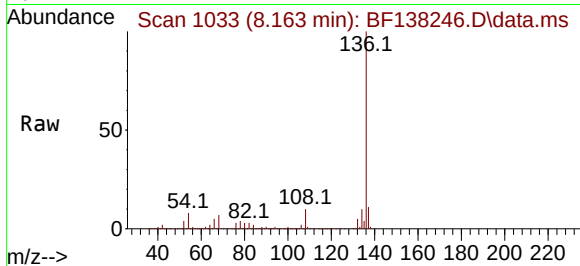


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

Instrument :
BNA_F
ClientSampleId :
PB161582BL

Tgt Ion:136 Resp: 1539169

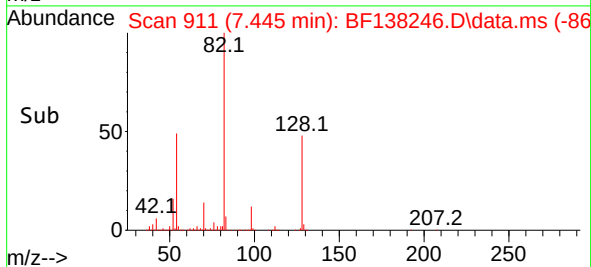
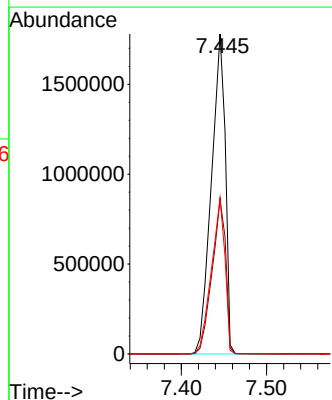
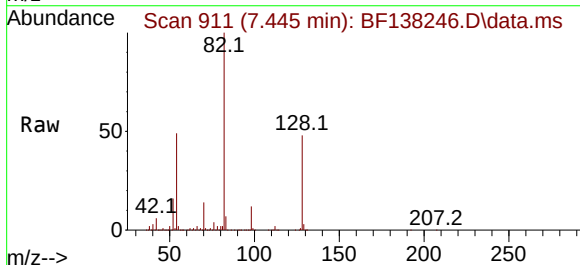
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.7	6.6	10.0
68	6.7	5.4	8.2

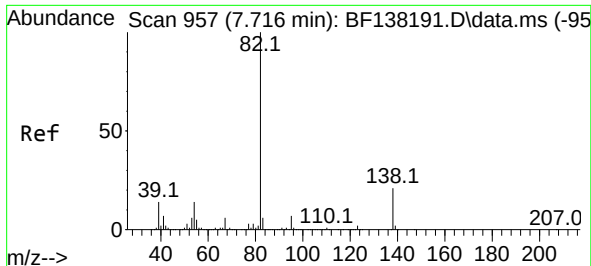


#23
Nitrobenzene-d5
Concen: 76.280 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

Tgt Ion: 82 Resp: 2016756

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.2	55.8
54	48.8	39.8	59.6

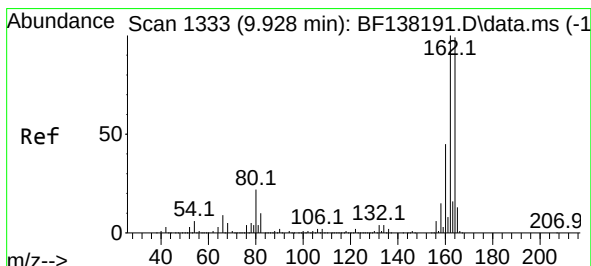
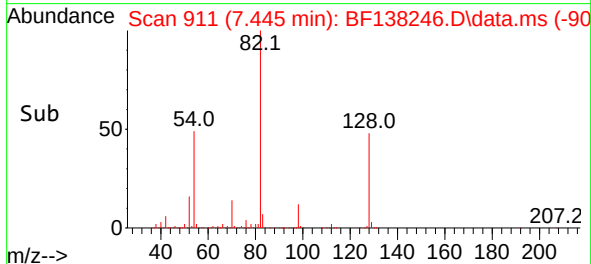
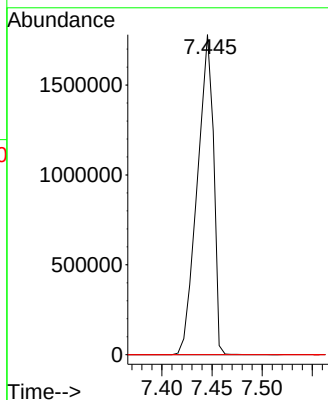
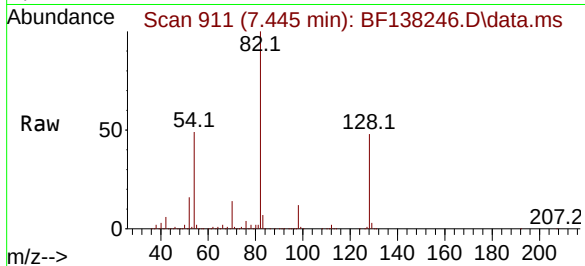




#25
Isophorone
Concen: 42.052 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

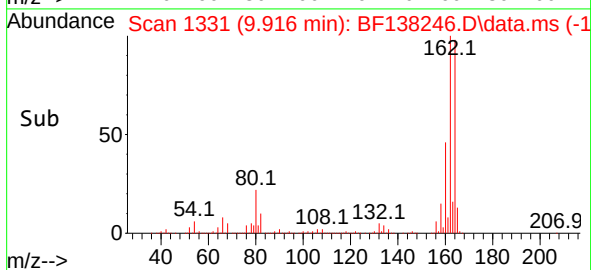
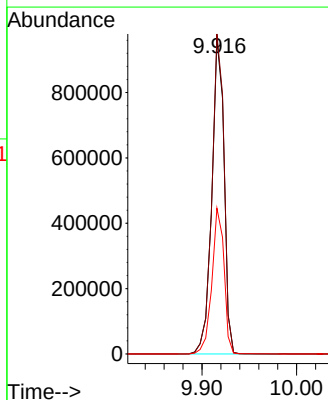
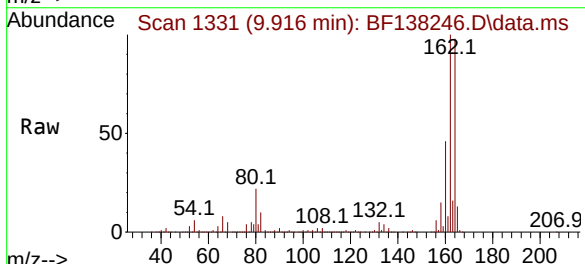
Instrument :
BNA_F
ClientSampleId :
PB161582BL

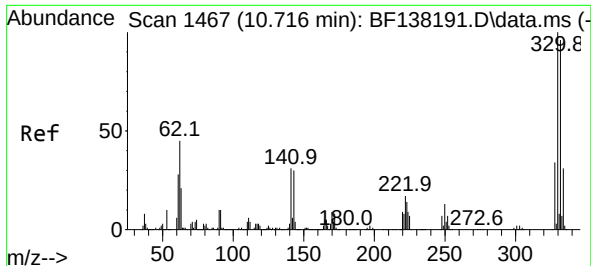
Tgt Ion: 82 Resp: 2011010
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

Tgt Ion:164 Resp: 863587
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 46.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 118.287 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138246.D

Acq: 19 Jun 2024 15:19

Instrument :

BNA_F

ClientSampleId :

PB161582BL

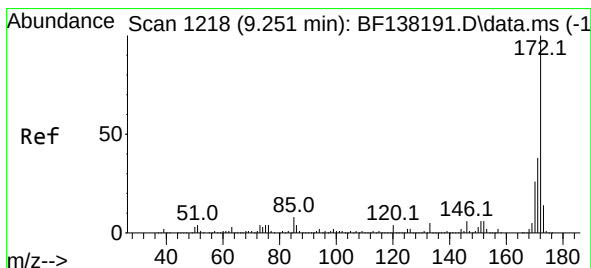
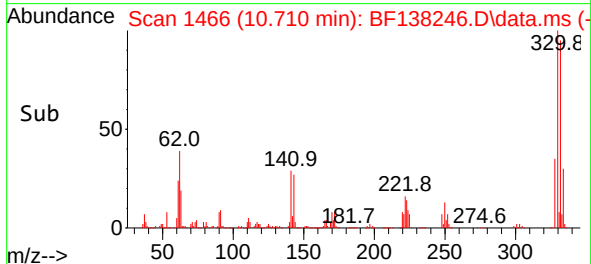
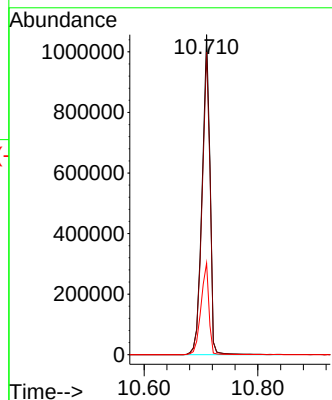
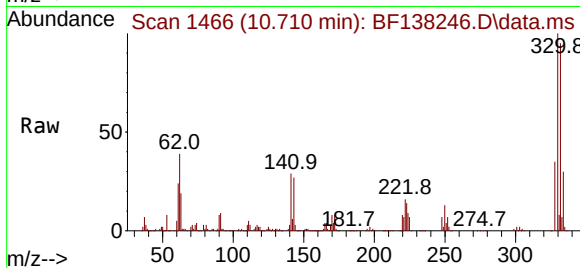
Tgt Ion:330 Resp: 1016934

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

141 29.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 68.589 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138246.D

Acq: 19 Jun 2024 15:19

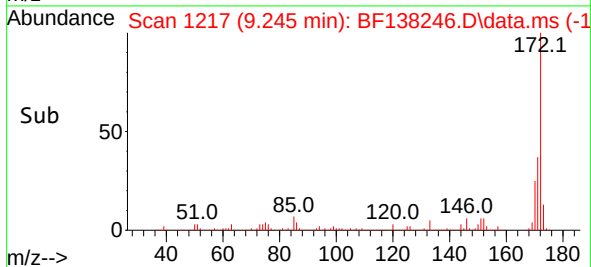
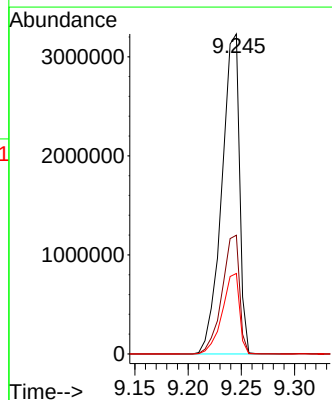
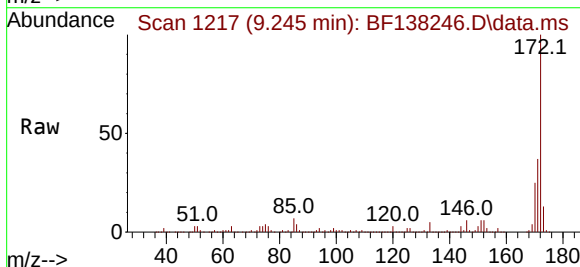
Tgt Ion:172 Resp: 3724970

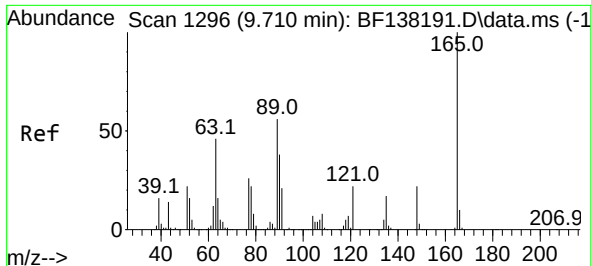
Ion Ratio Lower Upper

172 100

171 37.1 30.3 45.5

170 25.2 20.6 30.8

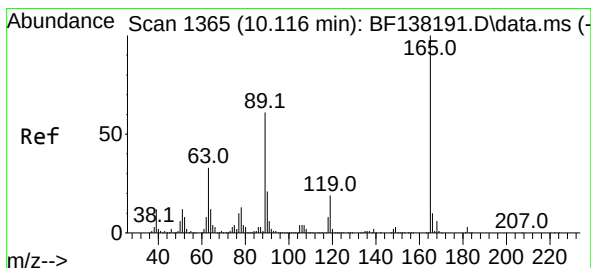
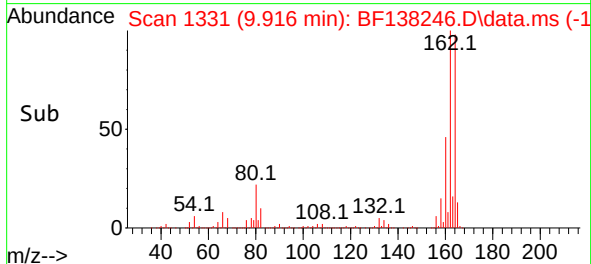
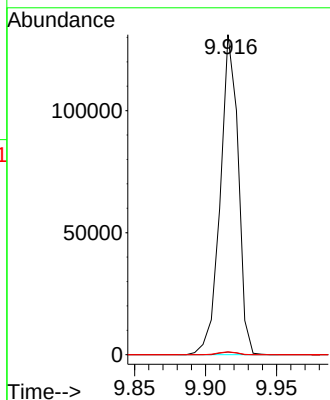
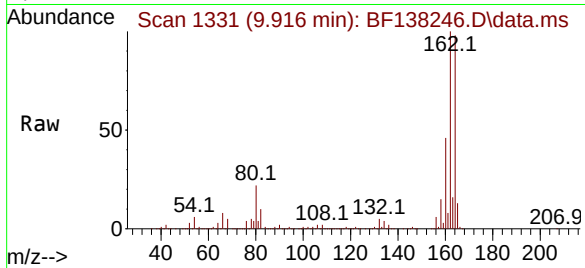




#51
2,6-Dinitrotoluene
Concen: 10.000 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

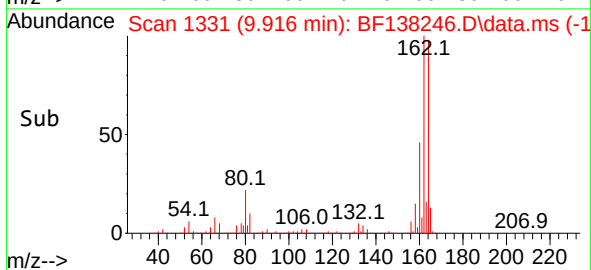
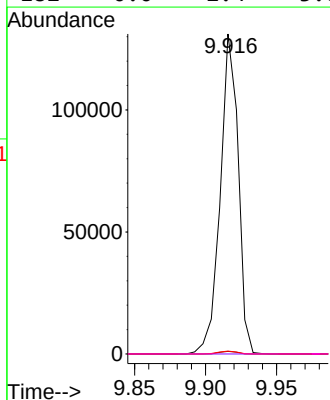
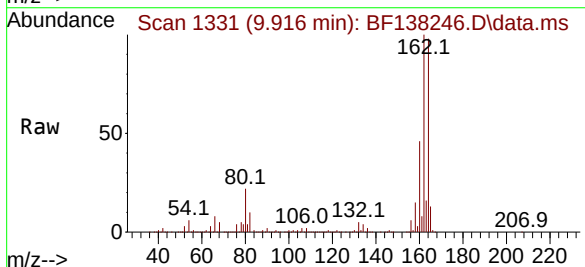
Instrument :
BNA_F
ClientSampleId :
PB161582BL

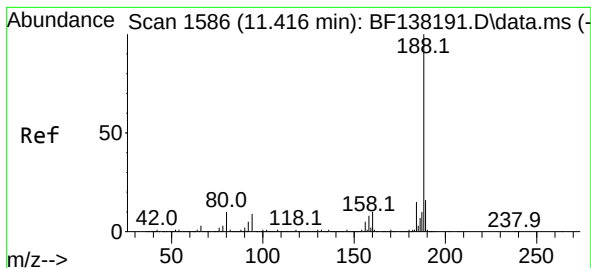
Tgt Ion:165 Resp: 114794
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.108 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

Tgt Ion:165 Resp: 114794
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 0.9 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: BF138246.D

Acq: 19 Jun 2024 15:19

Instrument :

BNA_F

ClientSampleId :

PB161582BL

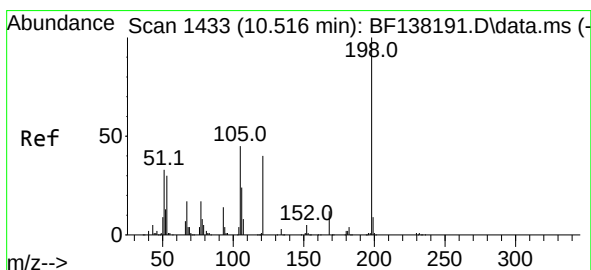
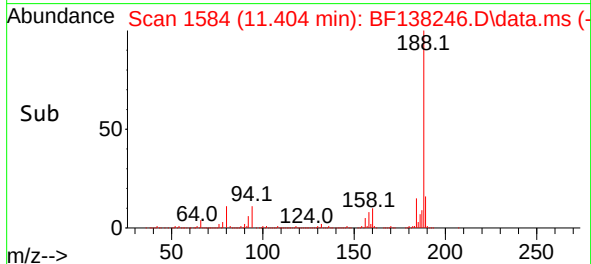
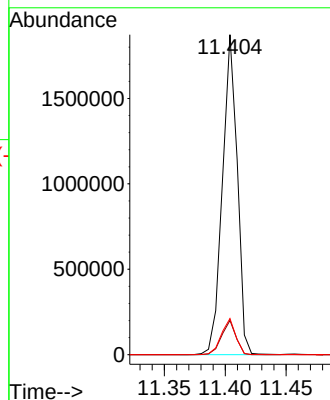
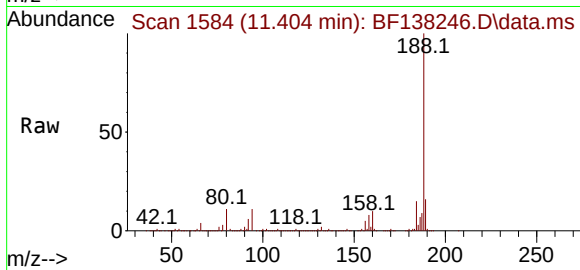
Tgt Ion:188 Resp: 1593235

Ion Ratio Lower Upper

188 100

94 10.7 7.6 11.4

80 11.3 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.161 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138246.D

Acq: 19 Jun 2024 15:19

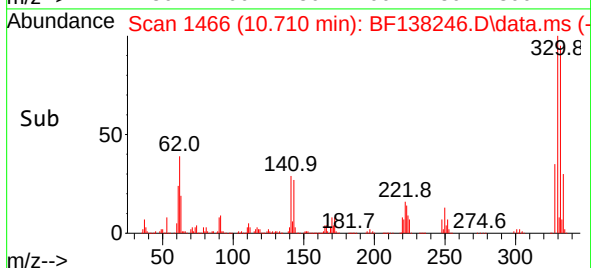
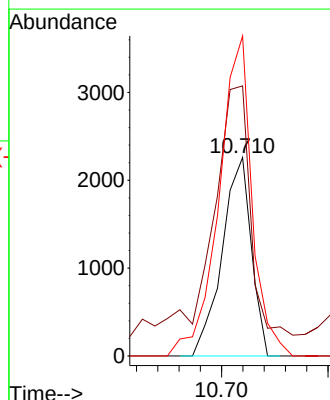
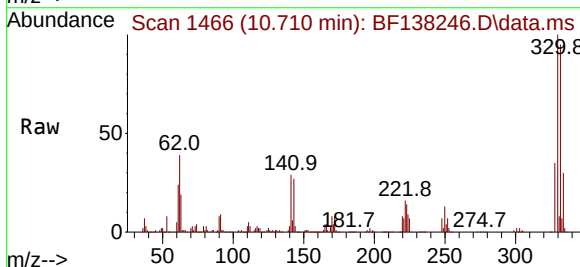
Tgt Ion:198 Resp: 2150

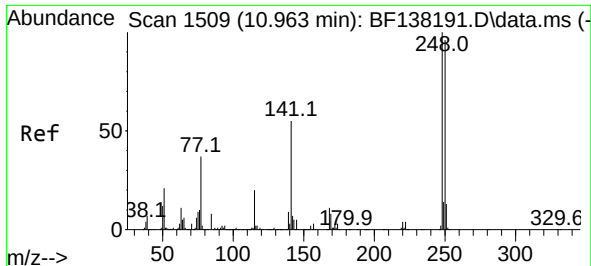
Ion Ratio Lower Upper

198 100

51 136.0 26.9 66.9#

105 161.2 26.0 66.0#

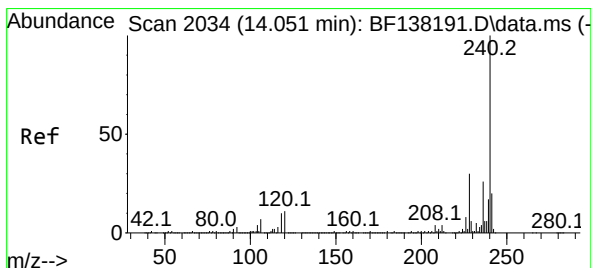
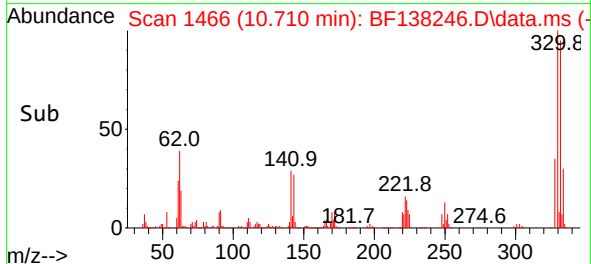
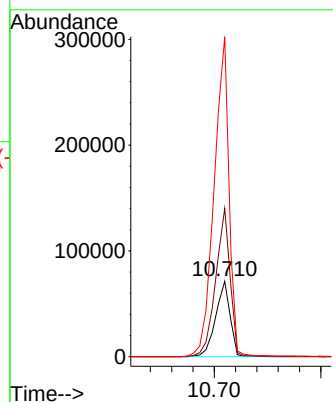
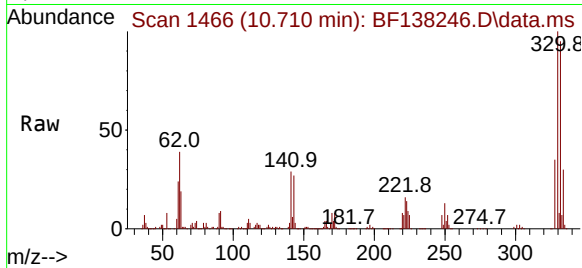




#67
4-Bromophenyl-phenylether
Concen: 3.728 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

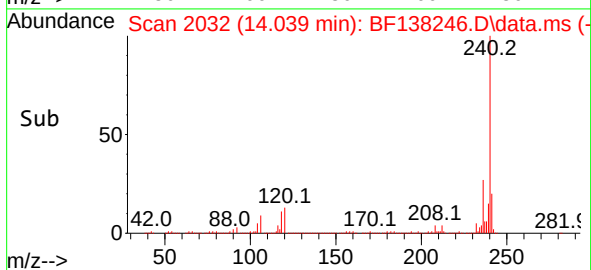
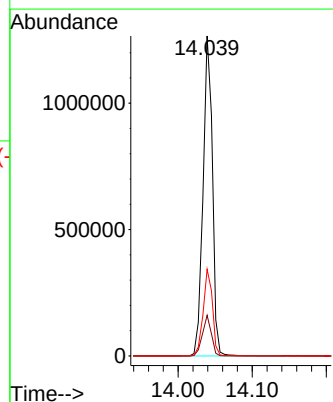
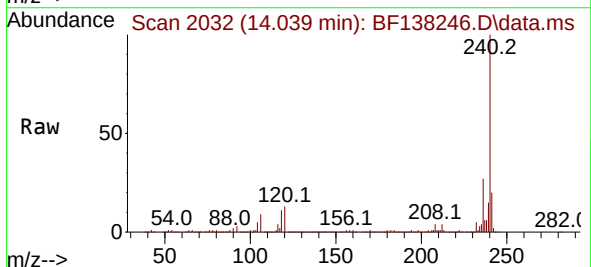
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BNA_F
ClientSampleId :
PB161582BL

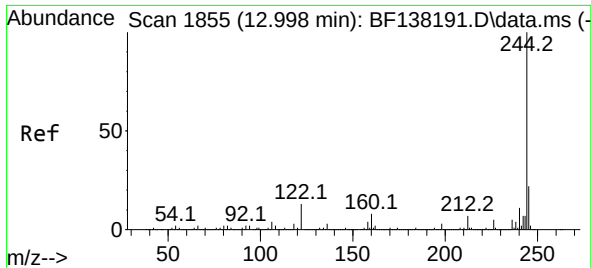
Tgt Ion:248 Resp: 66930
Ion Ratio Lower Upper
248 100
250 196.7 77.2 115.8#
141 424.1 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

Tgt Ion:240 Resp: 1115492
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 27.1 21.0 31.6

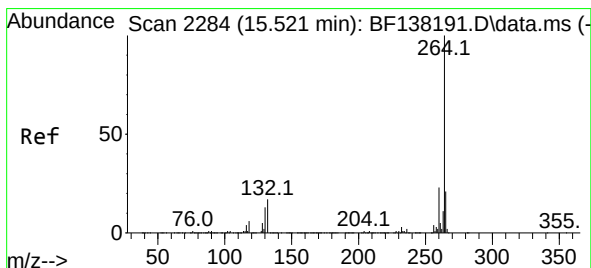
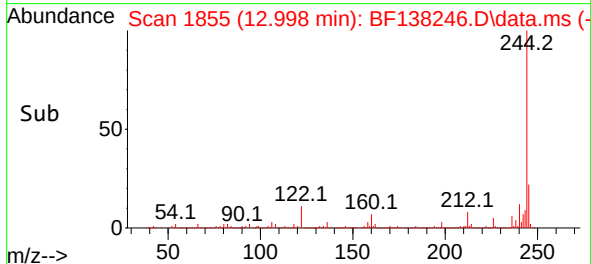
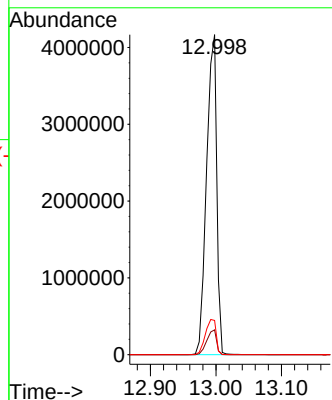
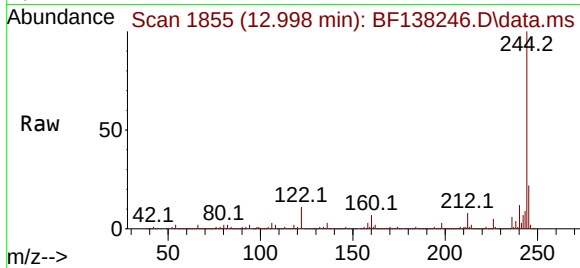




#79
 Terphenyl-d14
 Concen: 63.965 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138246.D
 Acq: 19 Jun 2024 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB161582BL

Tgt Ion:244 Resp: 4505026
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.7 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: BF138246.D
 Acq: 19 Jun 2024 15:19

Tgt Ion:264 Resp: 901082
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.9 17.0 25.6

