

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138226.D
 Acq On : 18 Jun 2024 15:59
 Operator : CG\JU
 Sample : P2916-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPF

Quant Time: Jun 18 16:24:14 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)

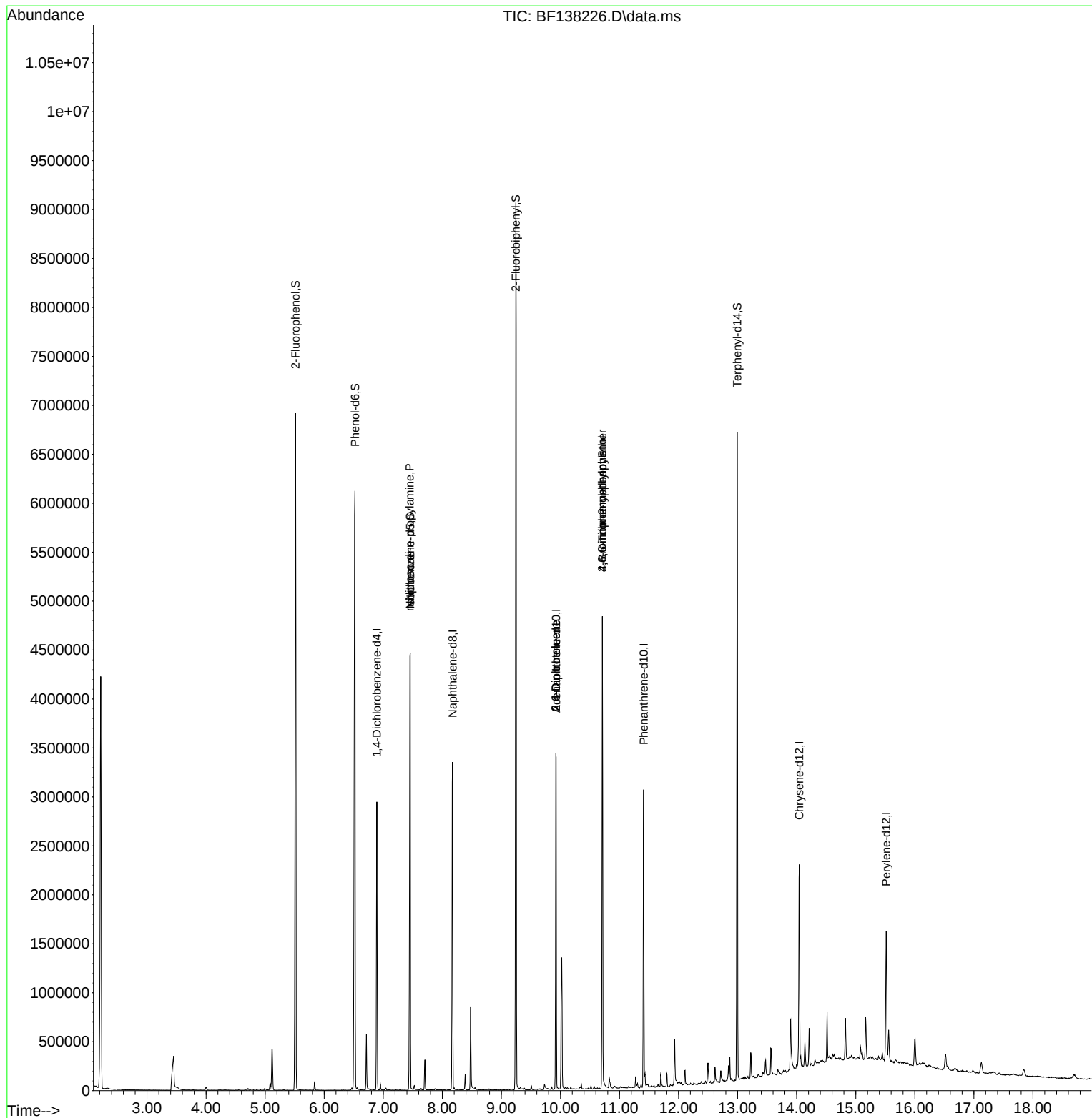
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	391052	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1486105	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	745136	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1026847	20.000	ng	0.00
76) Chrysene-d12	14.045	240	712190	20.000	ng	0.00
86) Perylene-d12	15.515	264	601107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2119791	90.680	ng	0.00
7) Phenol-d6	6.522	99	2635616	88.913	ng	0.00
23) Nitrobenzene-d5	7.457	82	1605697	62.901	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	573927	77.370	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2802486	59.806	ng	0.00
79) Terphenyl-d14	12.992	244	2265610	50.385	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	216215	12.305	ng	# 78
25) Isophorone	7.457	82	1599442	34.640	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	98195	9.914	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	98195	8.038	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1108	7.115	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	36990	3.197	ng	# 1

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

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Quant Time: Jun 18 16:24:14 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

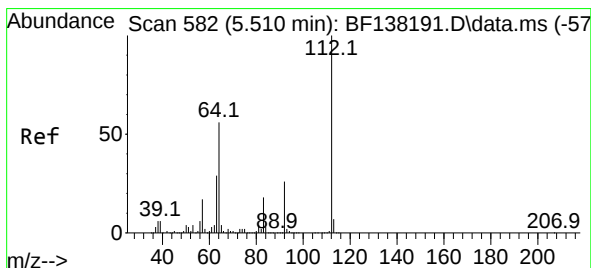
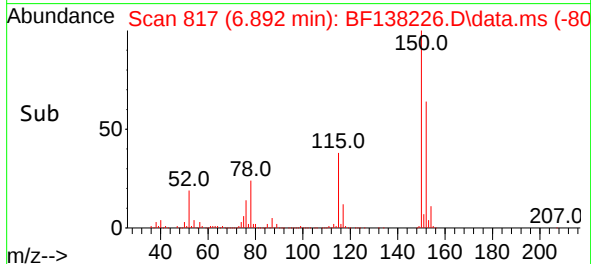
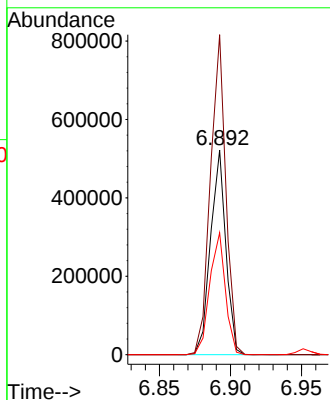
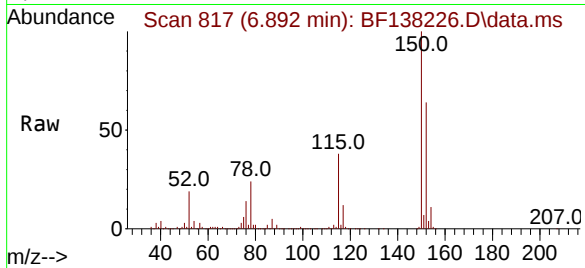




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138226.D
 Acq: 18 Jun 2024 15:59

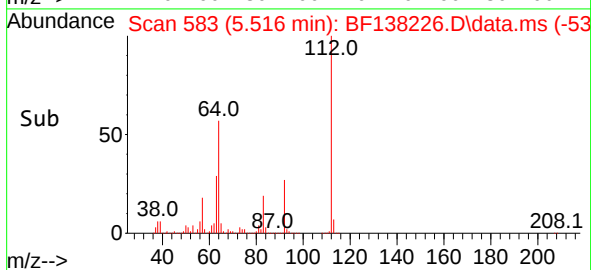
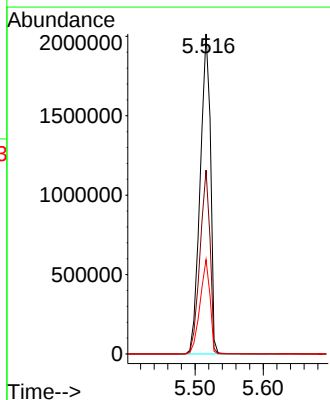
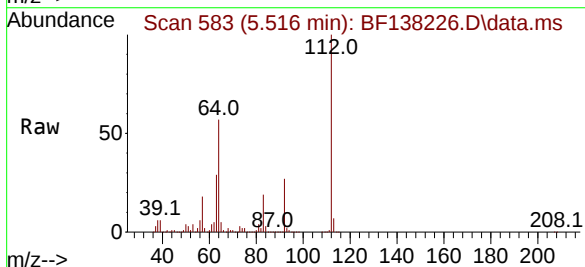
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPF

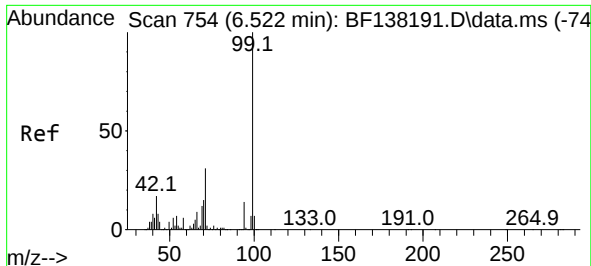
Tgt Ion:152 Resp: 391052
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.0 187.4
 115 59.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 90.680 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF138226.D
 Acq: 18 Jun 2024 15:59

Tgt Ion:112 Resp: 2119791
 Ion Ratio Lower Upper
 112 100
 64 57.5 45.2 67.8
 63 29.5 22.9 34.3

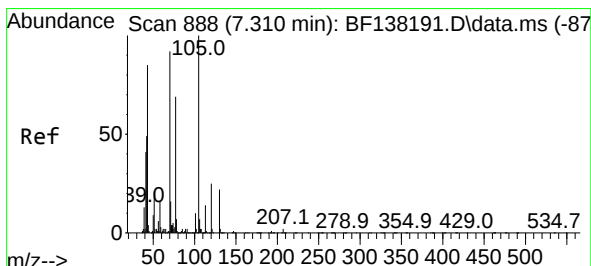
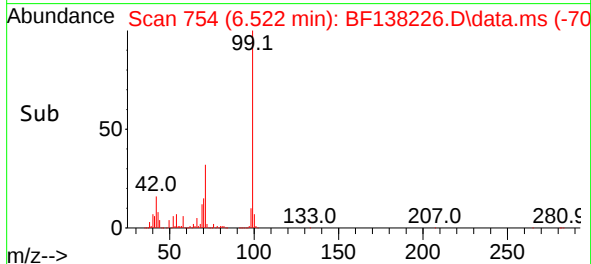
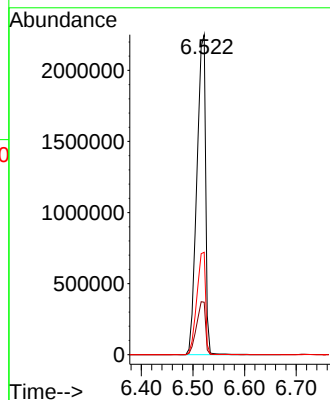
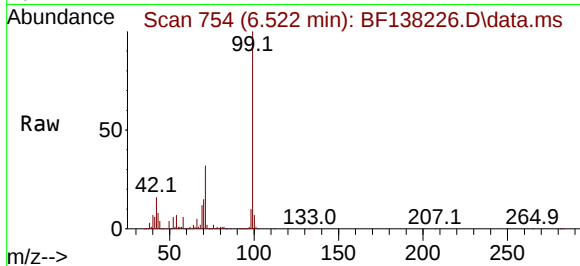




#7
Phenol-d6
Concen: 88.913 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

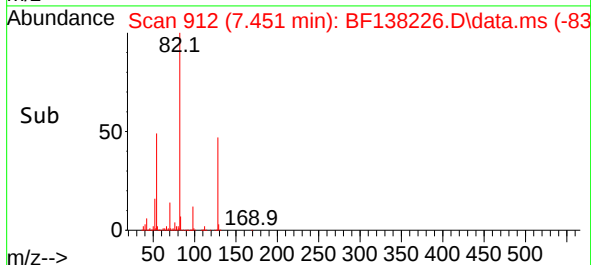
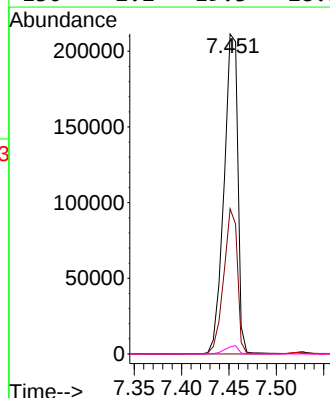
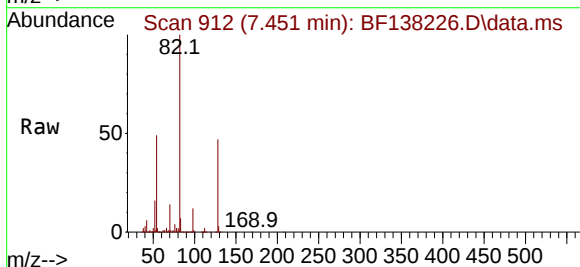
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

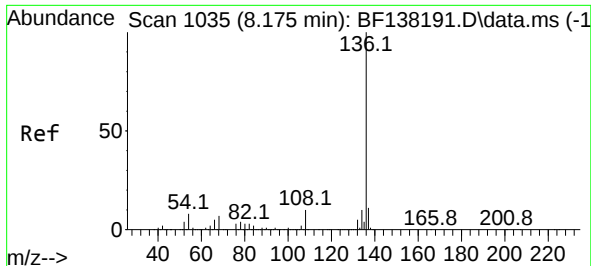
Tgt Ion: 99 Resp: 2635616
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 32.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.305 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

Tgt Ion: 70 Resp: 216215
Ion Ratio Lower Upper
70 100
42 45.4 42.8 64.2
101 0.0 8.4 12.6#
130 2.2 19.3 28.9#

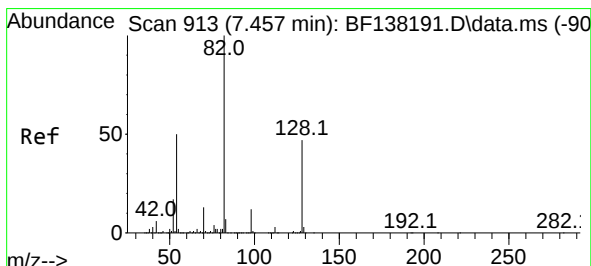
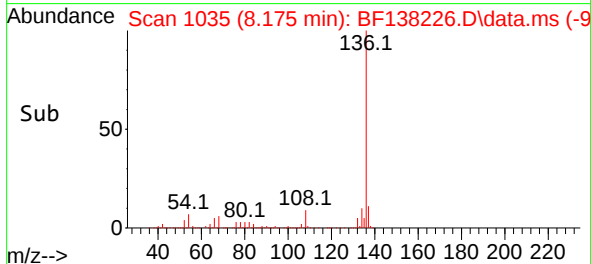
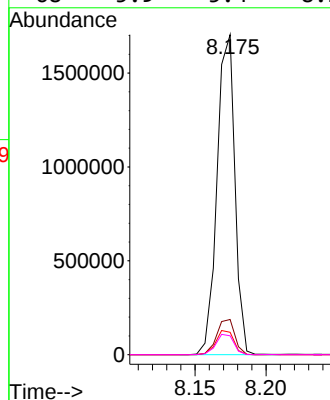
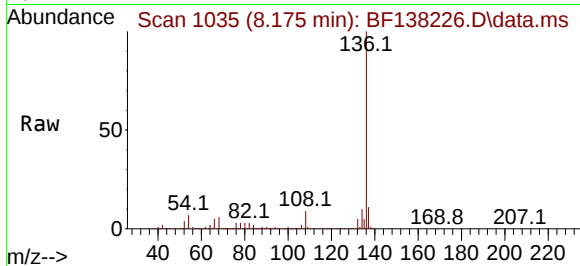




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

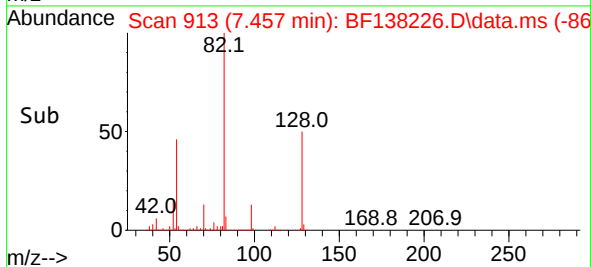
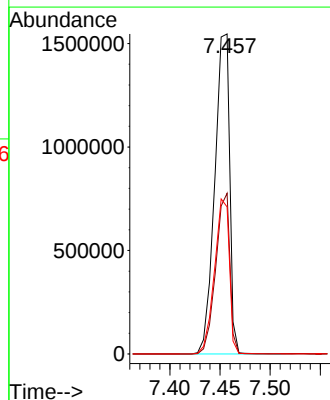
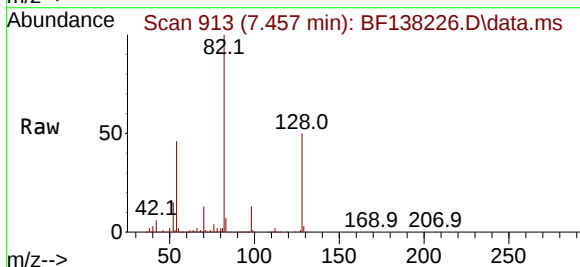
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

Tgt Ion:136 Resp: 1486105
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.0 6.6 10.0
68 5.9 5.4 8.2



#23
Nitrobenzene-d5
Concen: 62.901 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

Tgt Ion: 82 Resp: 1605697
Ion Ratio Lower Upper
82 100
128 50.2 37.2 55.8
54 45.9 39.8 59.6

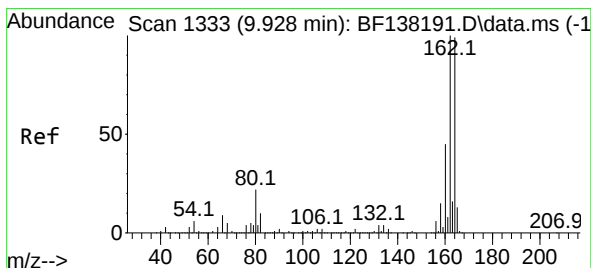
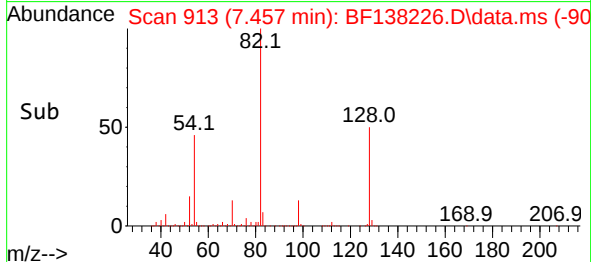
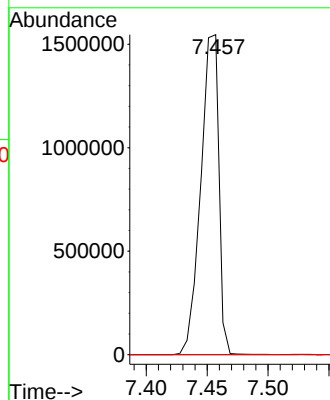
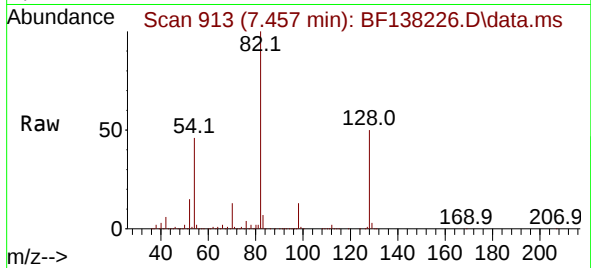




#25
Isophorone
Concen: 34.640 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

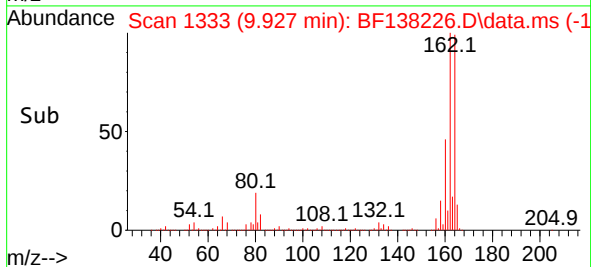
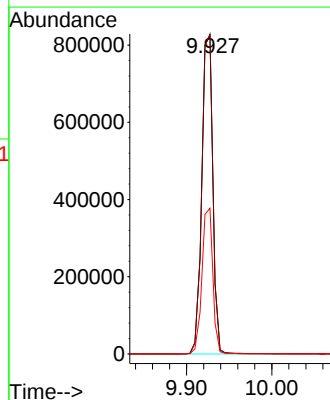
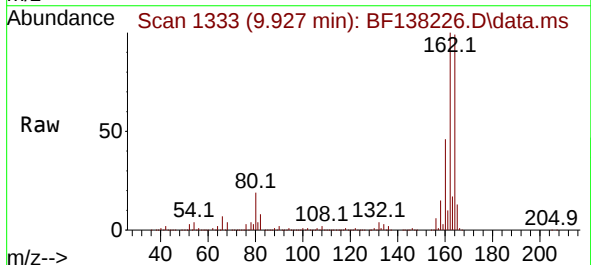
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

Tgt Ion: 82 Resp: 1599442
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: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

Tgt Ion:164 Resp: 745136
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 45.9 36.3 54.5

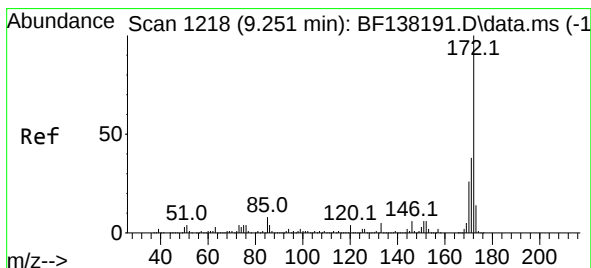
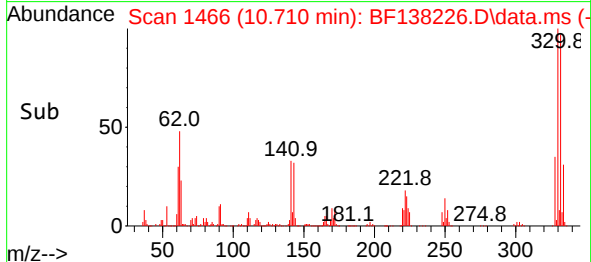
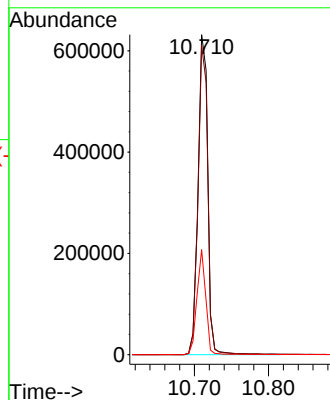
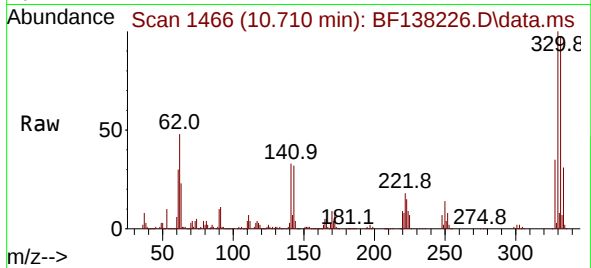




#42
2,4,6-Tribromophenol
Concen: 77.370 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

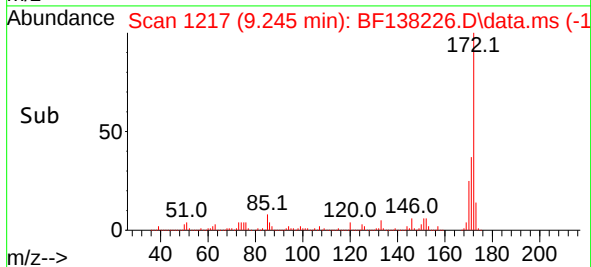
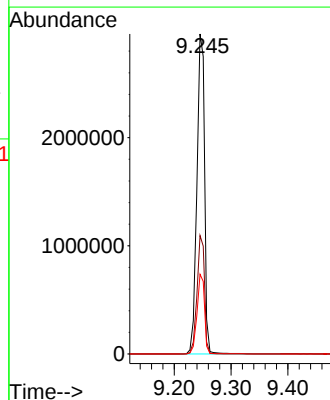
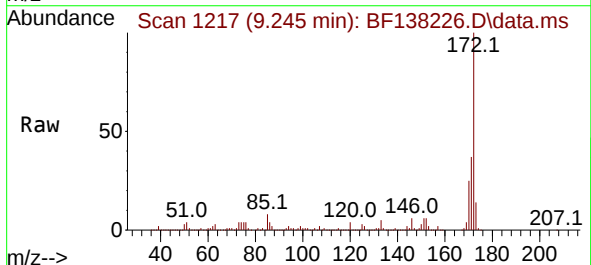
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

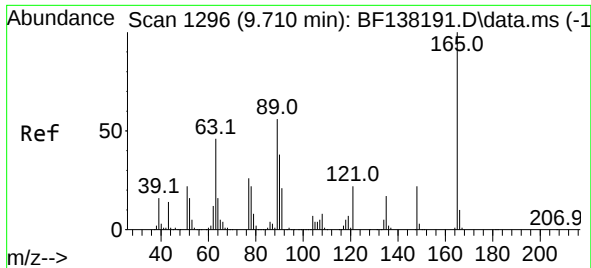
Tgt Ion:330 Resp: 573927
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 30.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 59.806 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

Tgt Ion:172 Resp: 2802486
Ion Ratio Lower Upper
172 100
171 37.0 30.3 45.5
170 24.9 20.6 30.8

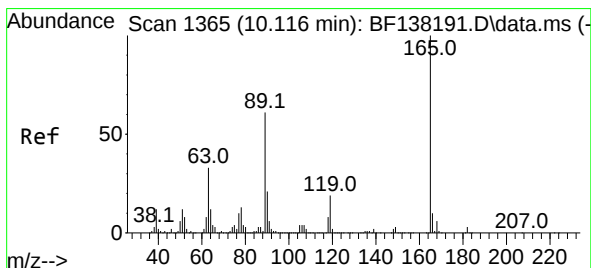
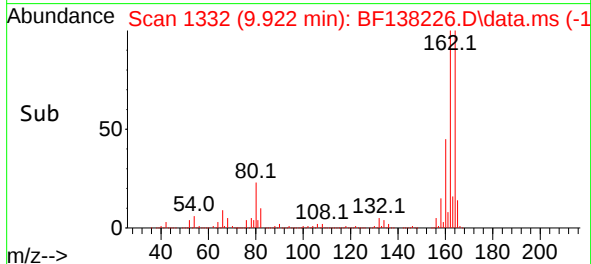
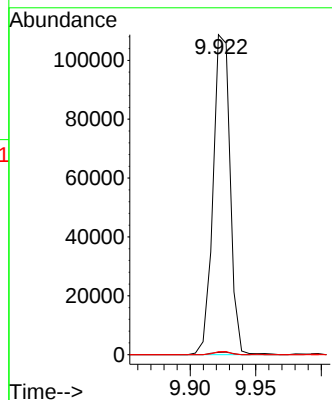
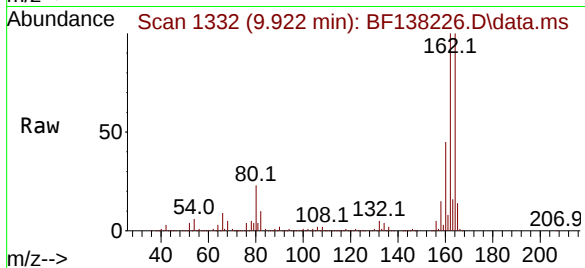




#51
2,6-Dinitrotoluene
Concen: 9.914 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

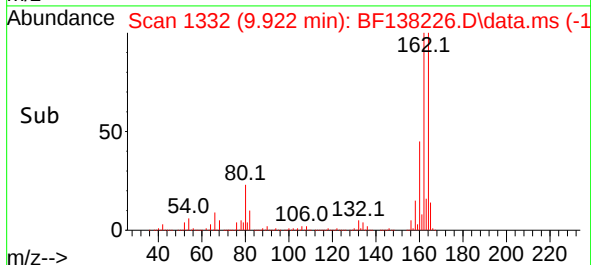
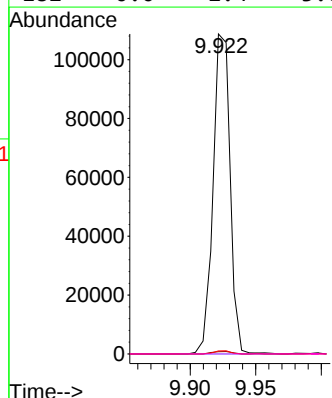
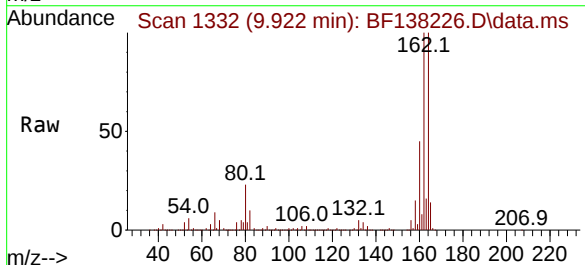
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

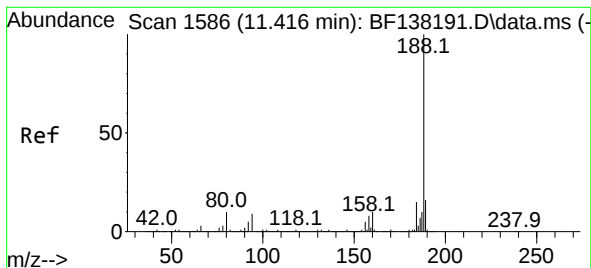
Tgt Ion:165 Resp: 98195
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.038 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

Tgt Ion:165 Resp: 98195
Ion Ratio Lower Upper
165 100
63 0.7 26.6 39.8#
89 1.0 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: BF138226.D

Acq: 18 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

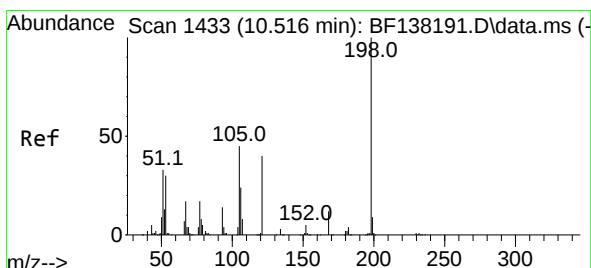
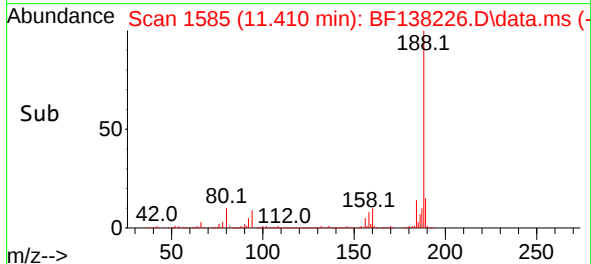
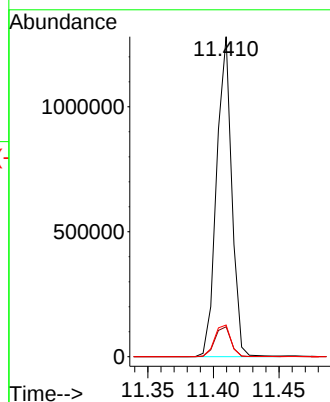
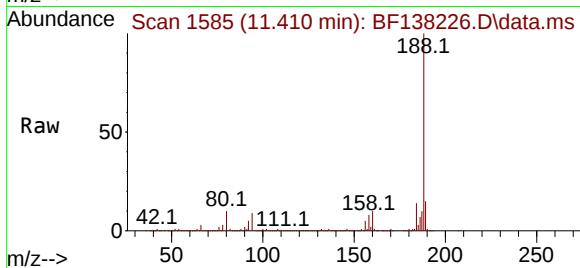
Tgt Ion:188 Resp: 1026847

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.9 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.115 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

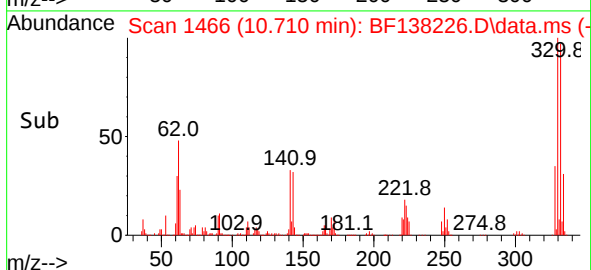
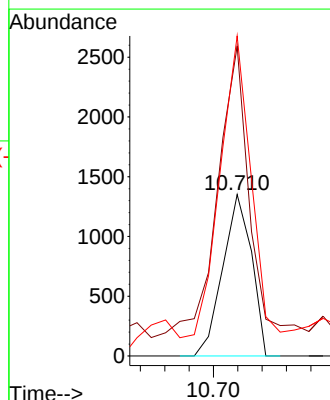
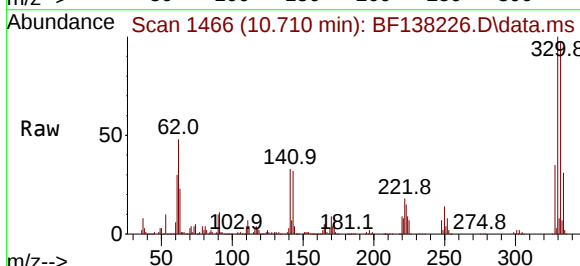
Tgt Ion:198 Resp: 1108

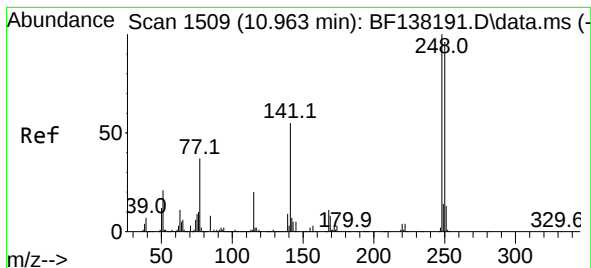
Ion Ratio Lower Upper

198 100

51 191.9 26.9 66.9#

105 198.2 26.0 66.0#

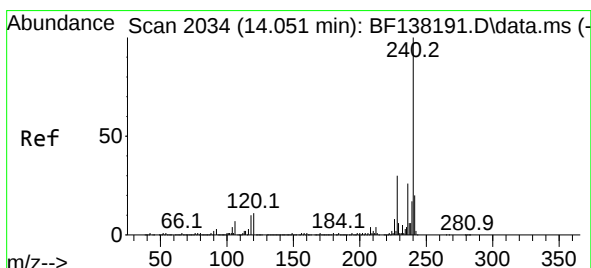
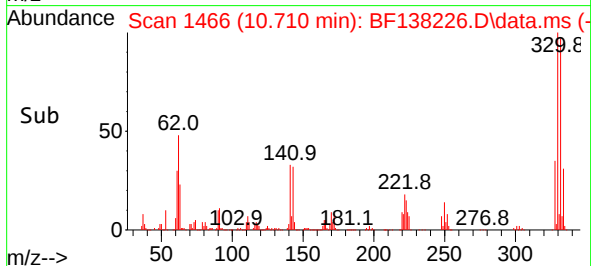
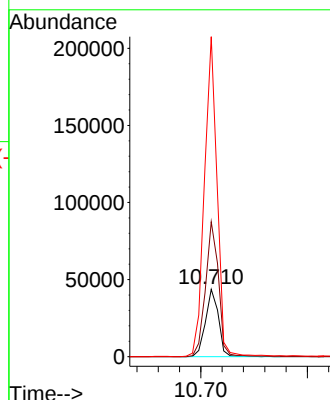
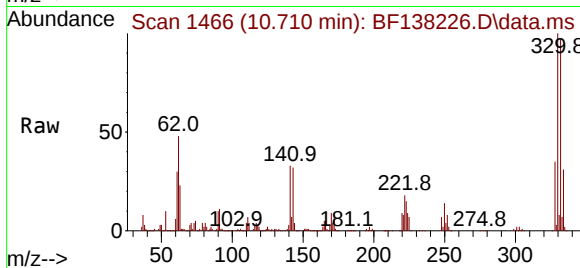




#67
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

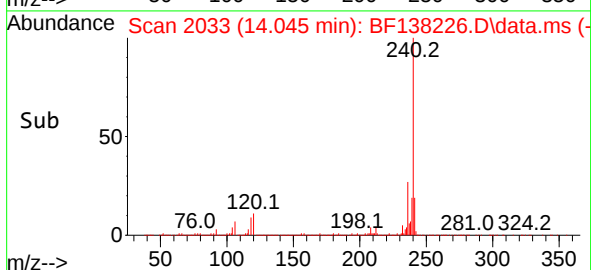
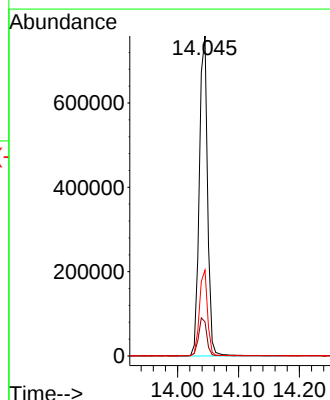
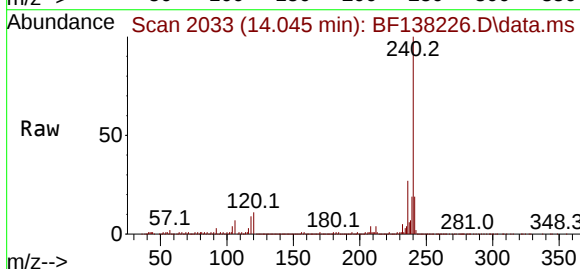
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

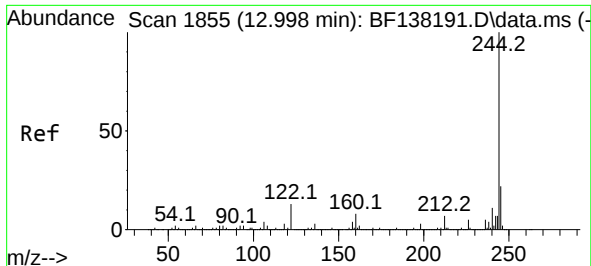
Tgt Ion:248 Resp: 36990
Ion Ratio Lower Upper
248 100
250 200.0 77.2 115.8#
141 474.5 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

Tgt Ion:240 Resp: 712190
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 26.8 21.0 31.6

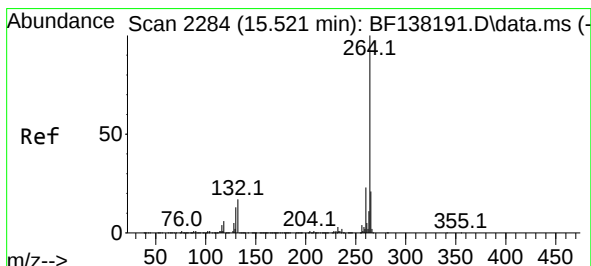
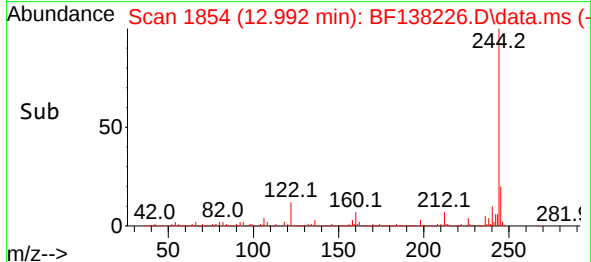
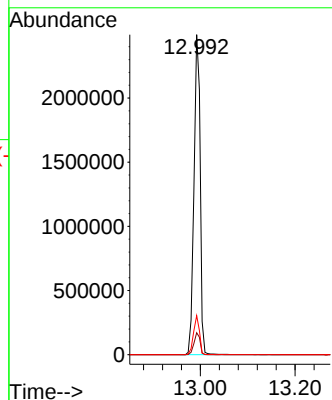
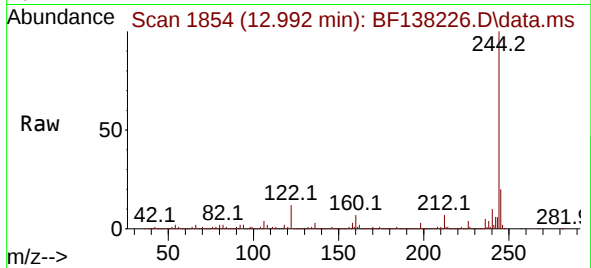




#79
 Terphenyl-d14
 Concen: 50.385 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138226.D
 Acq: 18 Jun 2024 15:59

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPF

Tgt Ion:244 Resp: 2265610
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.2 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: BF138226.D
 Acq: 18 Jun 2024 15:59

Tgt Ion:264 Resp: 601107
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.1 17.0 25.6

