

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138760.D
 Acq On : 03 Aug 2024 09:58
 Operator : RC/JU
 Sample : PB162460BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162460BL

Quant Time: Aug 05 00:48:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

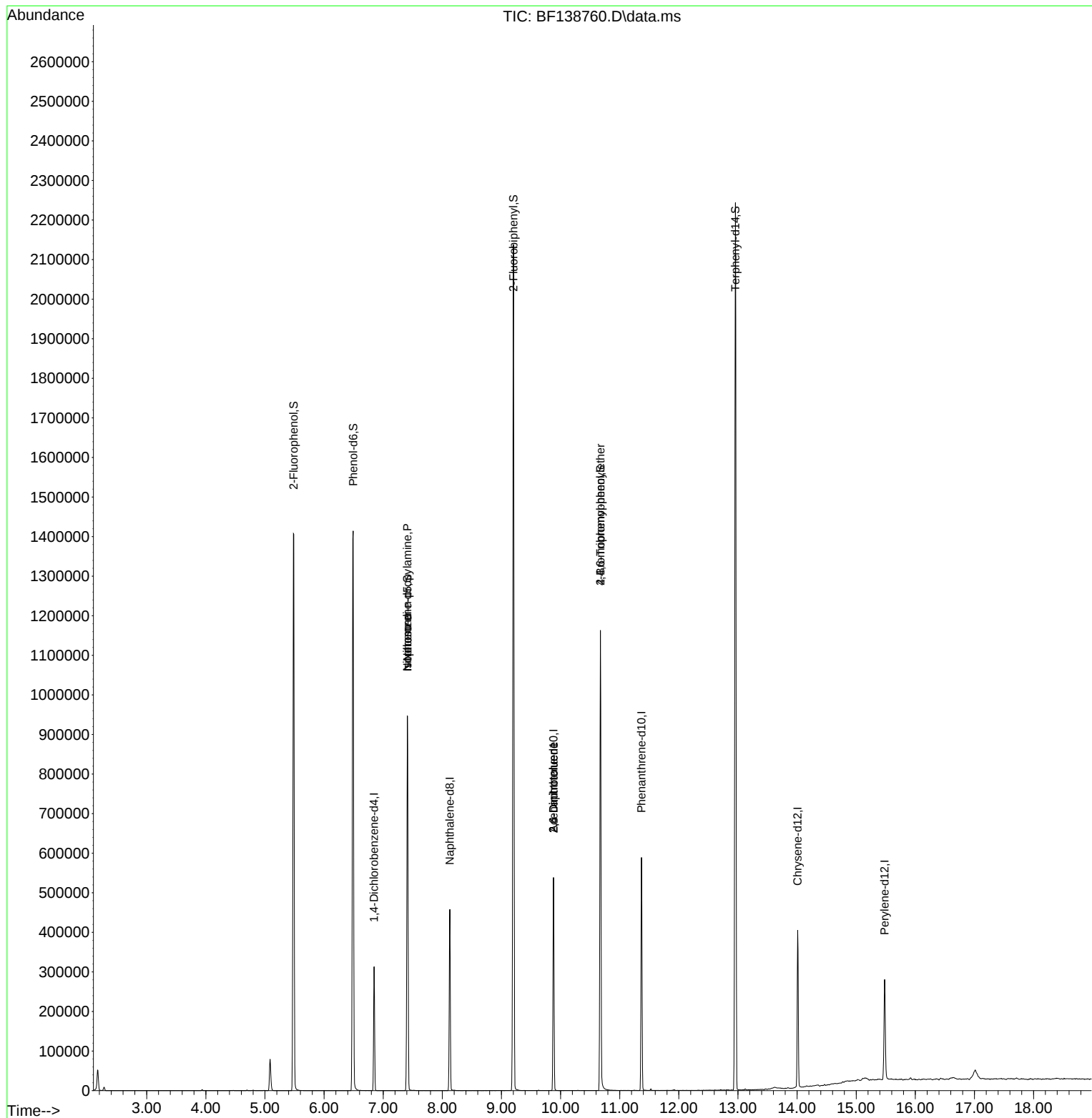
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	59476	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	279727	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	153564	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	295187	20.000	ng	0.00
76) Chrysene-d12	14.010	240	179048	20.000	ng	0.00
86) Perylene-d12	15.480	264	145319	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	504026	130.816	ng	0.02
7) Phenol-d6	6.492	99	692981	133.962	ng	0.00
23) Nitrobenzene-d5	7.410	82	435531	76.123	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	183691	146.030	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	931433	91.133	ng	0.00
79) Terphenyl-d14	12.957	244	1102490	103.093	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	59872	19.163	ng	# 73
25) Isophorone	7.410	82	432769	44.298	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	19329	8.723	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	19329	6.837	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	12760	3.993	ng	# 1

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

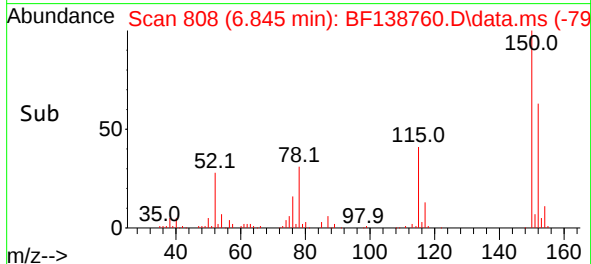
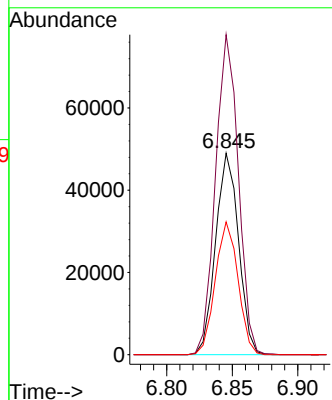
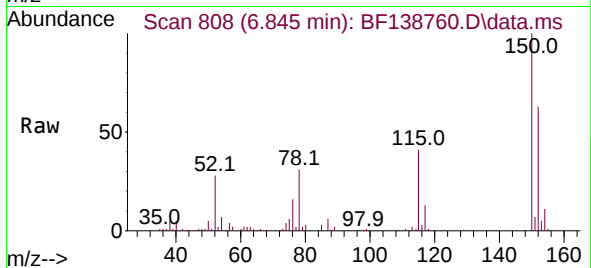




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 808
 Delta R.T. 0.000 min
 Lab File: BF138760.D
 Acq: 03 Aug 2024 09:58

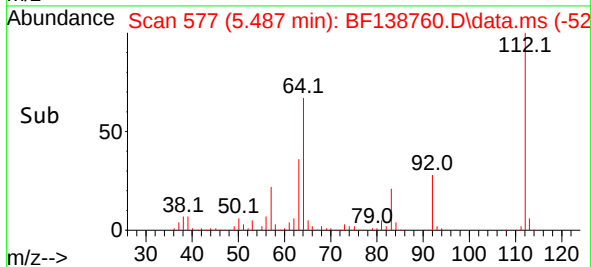
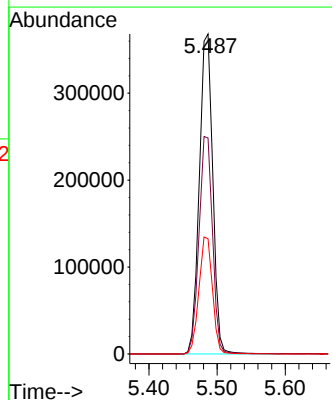
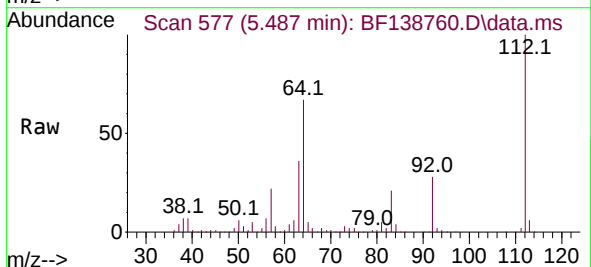
Instrument :
 BNA_F
 ClientSampleId :
 PB162460BL

Tgt Ion:152 Resp: 59476
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.0 189.0
 115 65.9 51.7 77.5



#5
 2-Fluorophenol
 Concen: 130.816 ng
 RT: 5.487 min Scan# 577
 Delta R.T. 0.018 min
 Lab File: BF138760.D
 Acq: 03 Aug 2024 09:58

Tgt Ion:112 Resp: 504026
 Ion Ratio Lower Upper
 112 100
 64 67.5 54.2 81.4
 63 36.0 28.7 43.1

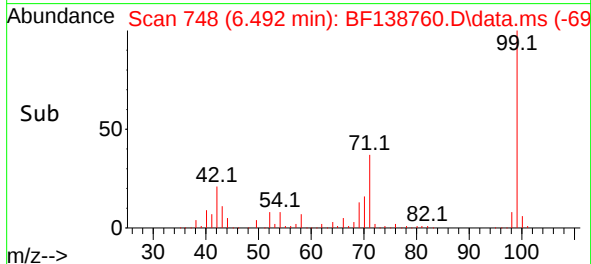
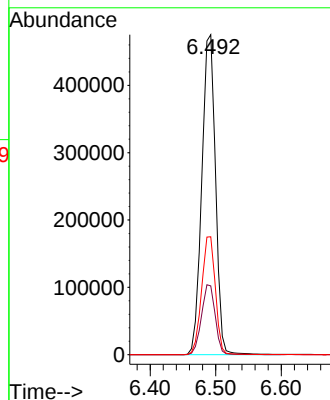
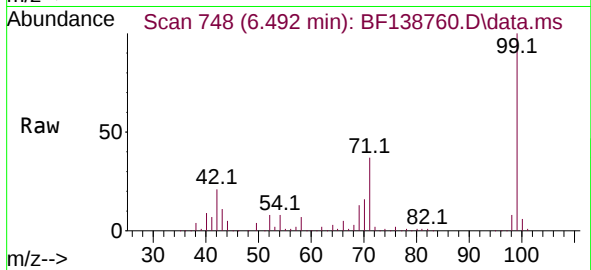




#7
Phenol-d6
Concen: 133.962 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

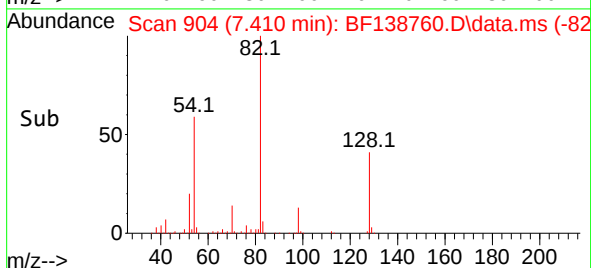
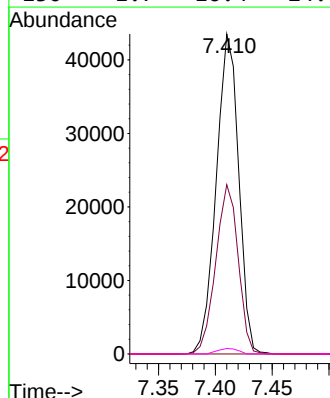
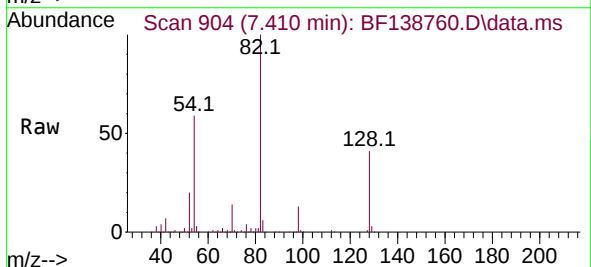
Instrument :
BNA_F
ClientSampleId :
PB162460BL

Tgt Ion: 99 Resp: 692981
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 36.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.163 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Tgt Ion: 70 Resp: 59872
Ion Ratio Lower Upper
70 100
42 52.9 57.4 86.0#
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#





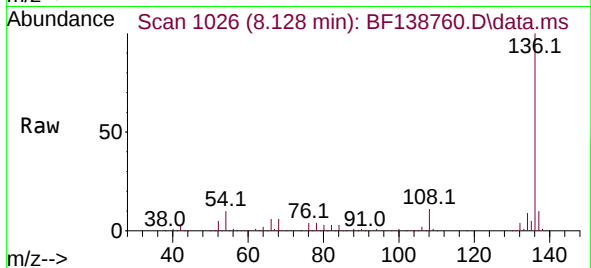
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Instrument :

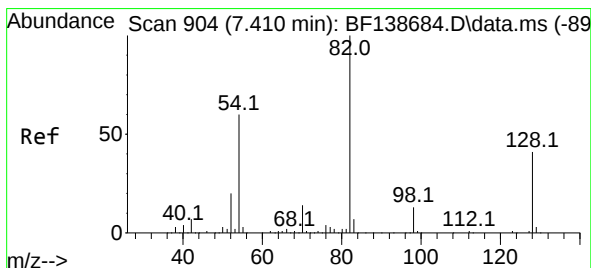
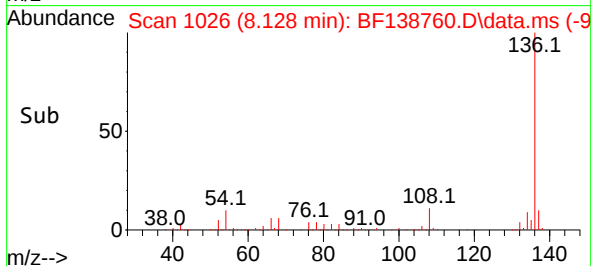
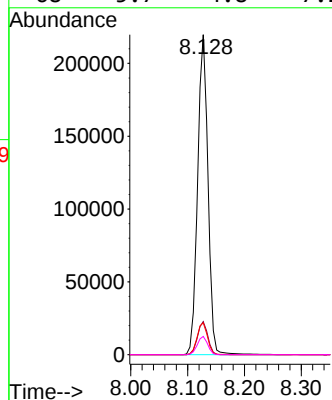
BNA_F

ClientSampleId :

PB162460BL

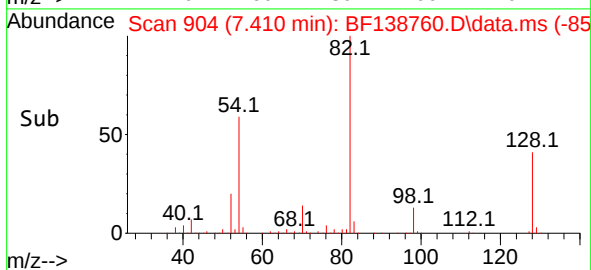
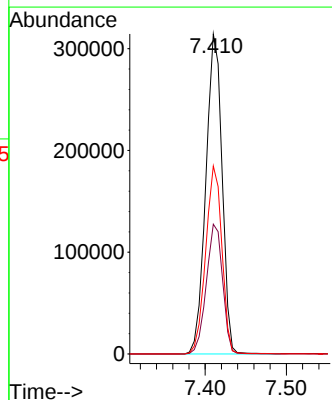
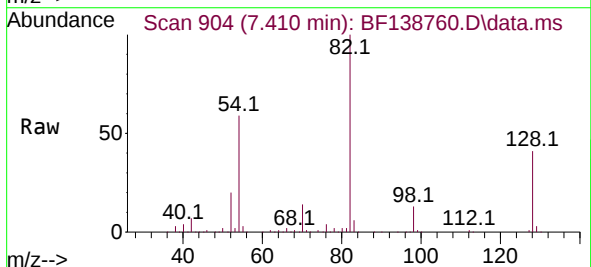


Tgt Ion:	136	Resp:	279727
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.0	8.6	12.8
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 76.123 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Tgt Ion:	82	Resp:	435531
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	58.8	48.3	72.5

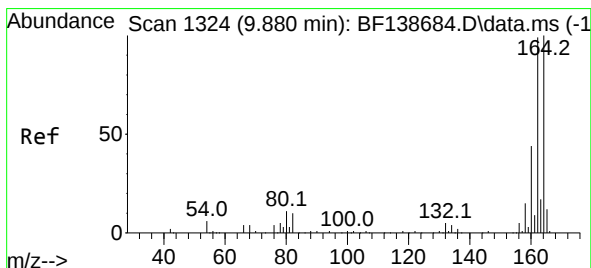
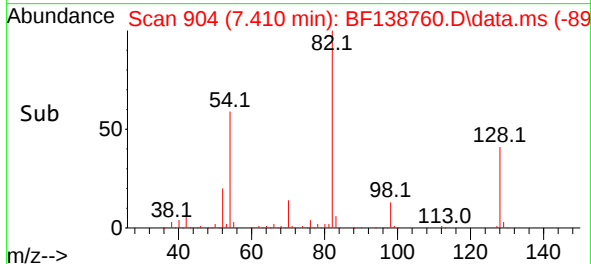
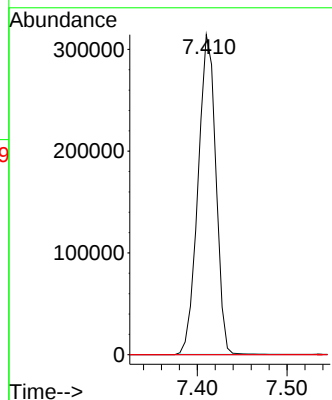
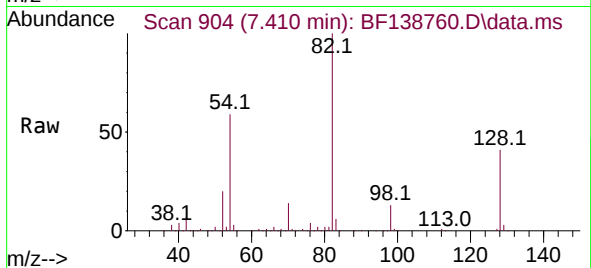




#25
Isophorone
Concen: 44.298 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

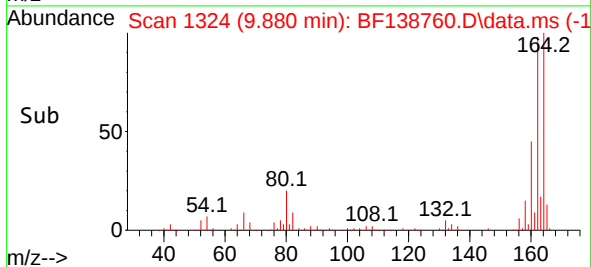
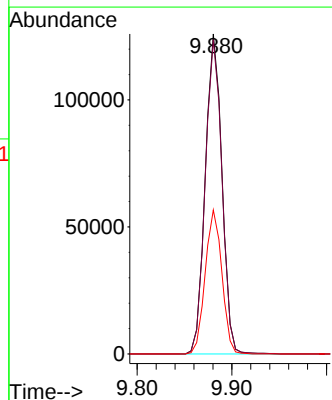
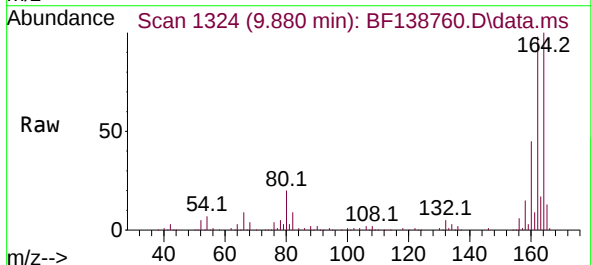
Instrument :
BNA_F
ClientSampleId :
PB162460BL

Tgt Ion: 82 Resp: 432769
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

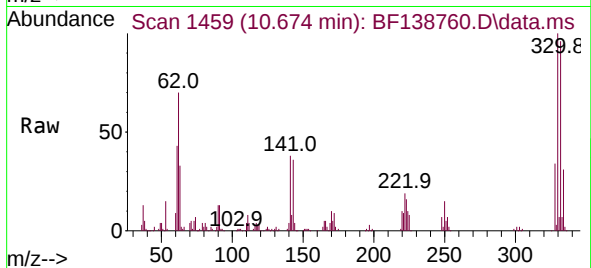
Tgt Ion:164 Resp: 153564
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.0
160 45.0 35.1 52.7



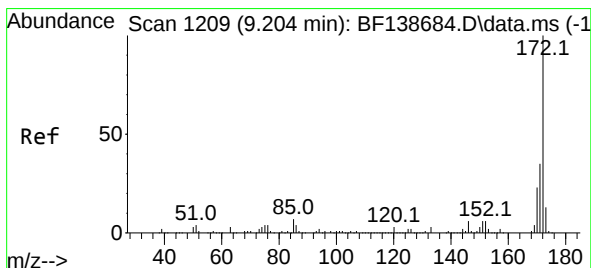
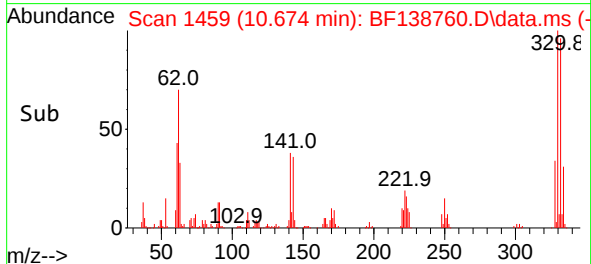
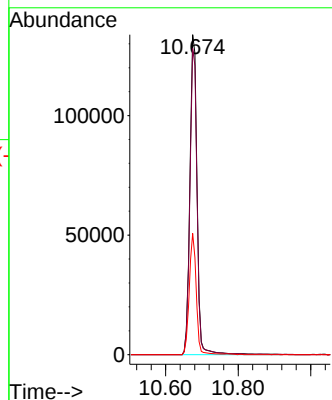


#42
2,4,6-Tribromophenol
Concen: 146.030 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Instrument :
BNA_F
ClientSampleId :
PB162460BL

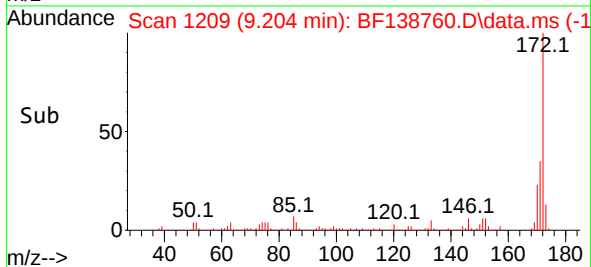
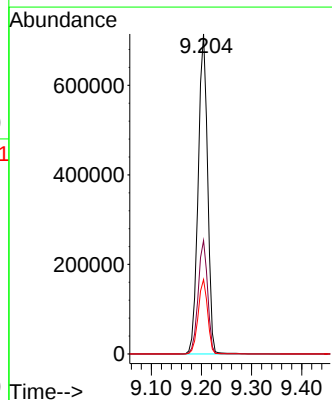
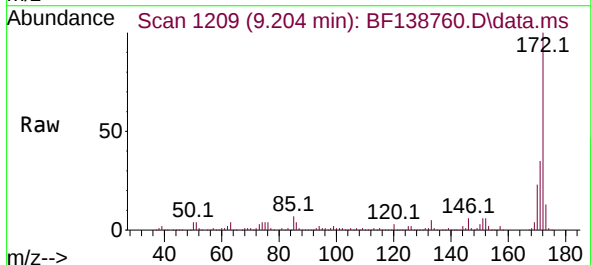


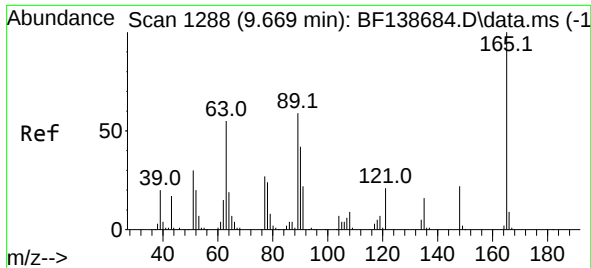
Tgt Ion:330 Resp: 183691
Ion Ratio Lower Upper
330 100
332 95.3 76.4 114.6
141 36.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 91.133 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Tgt Ion:172 Resp: 931433
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 18.8 28.2

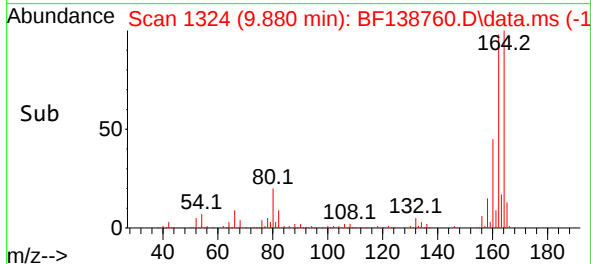
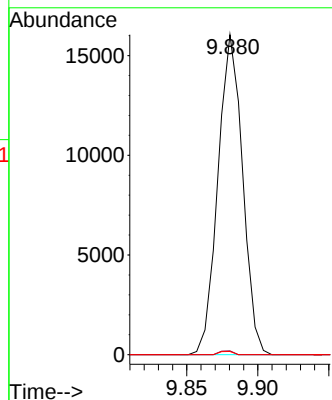
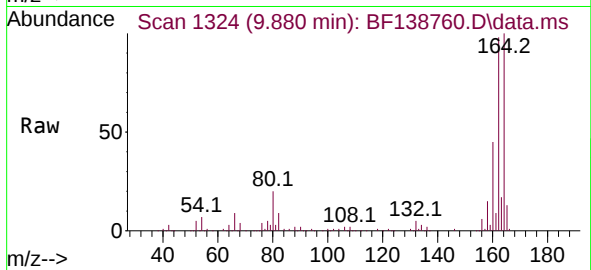




#51
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

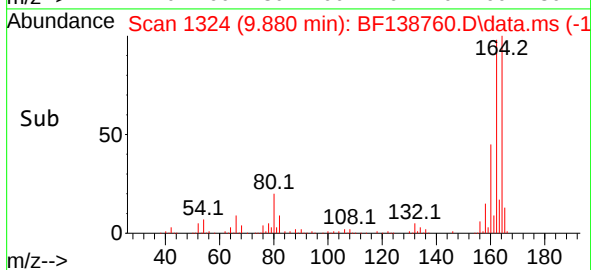
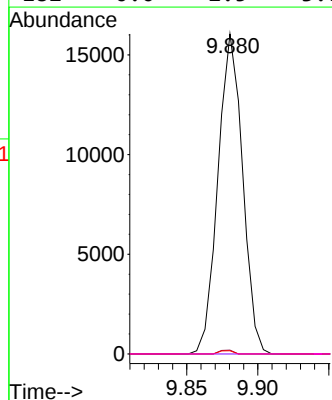
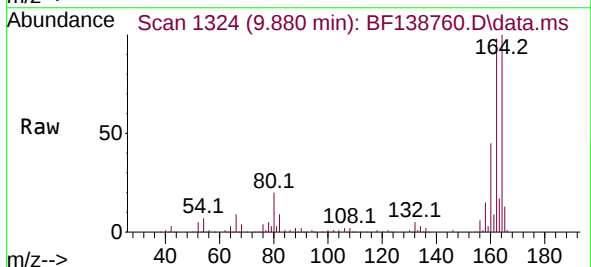
Instrument :
BNA_F
ClientSampleId :
PB162460BL

Tgt Ion:165 Resp: 19329
Ion Ratio Lower Upper
165 100
63 1.2 52.0 78.0#
89 1.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.837 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

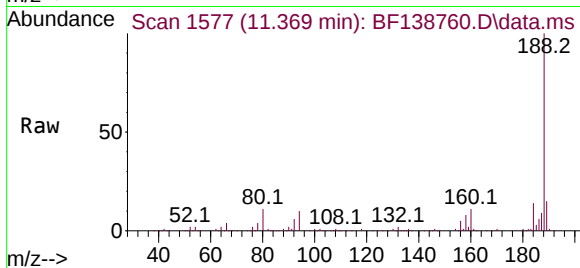
Tgt Ion:165 Resp: 19329
Ion Ratio Lower Upper
165 100
63 1.2 46.3 69.5#
89 1.0 64.2 96.4#
182 0.0 2.5 3.7#



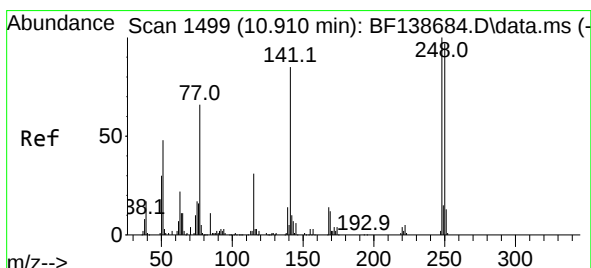
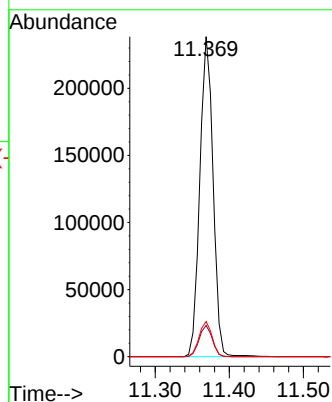
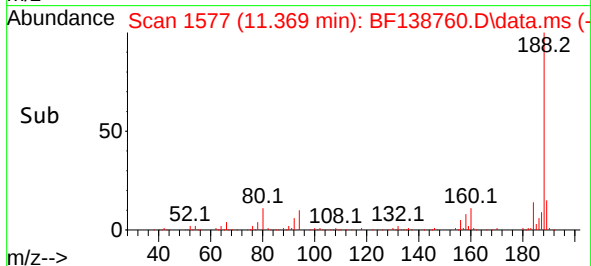


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

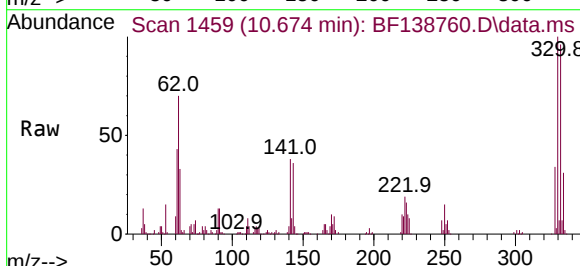
Instrument :
BNA_F
ClientSampleId :
PB162460BL



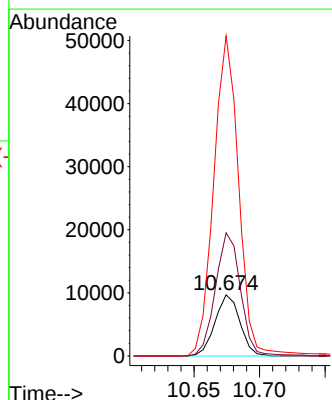
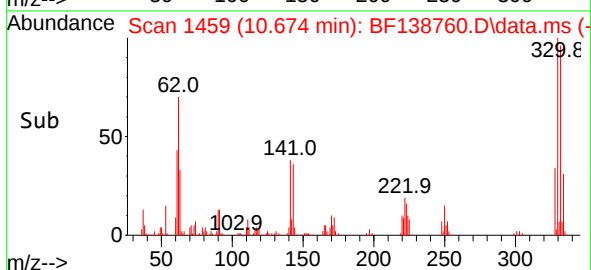
Tgt Ion:188 Resp: 295187
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 11.0 8.6 12.8

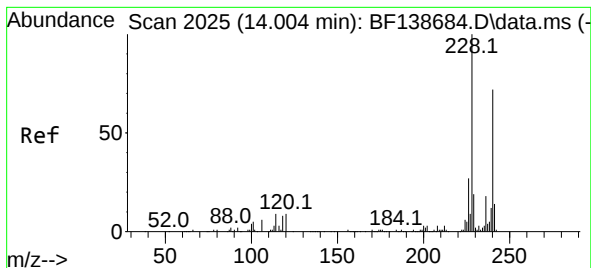


#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58



Tgt Ion:248 Resp: 12760
Ion Ratio Lower Upper
248 100
250 201.5 77.7 116.5#
141 523.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF138760.D

Acq: 03 Aug 2024 09:58

Instrument :

BNA_F

ClientSampleId :

PB162460BL

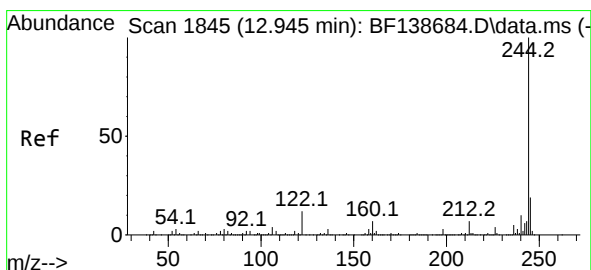
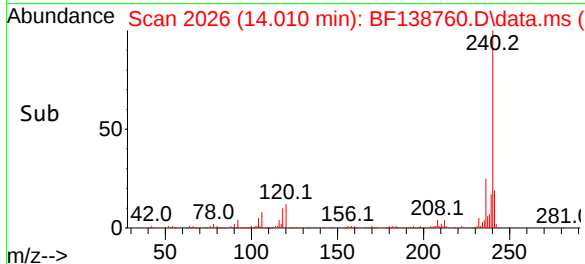
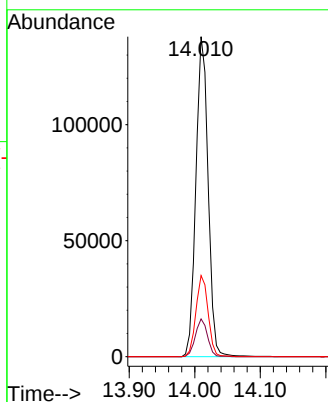
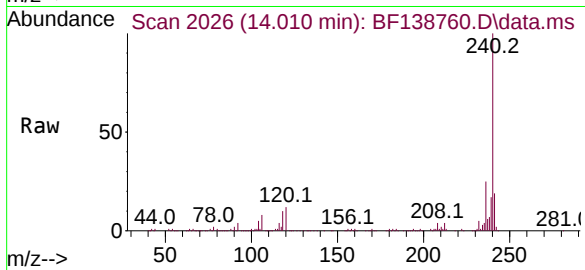
Tgt Ion:240 Resp: 179048

Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.4

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 103.093 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.012 min

Lab File: BF138760.D

Acq: 03 Aug 2024 09:58

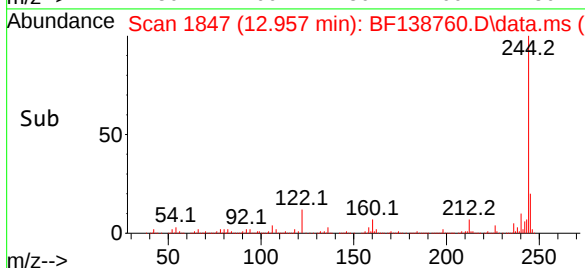
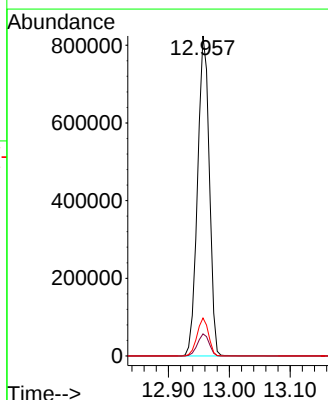
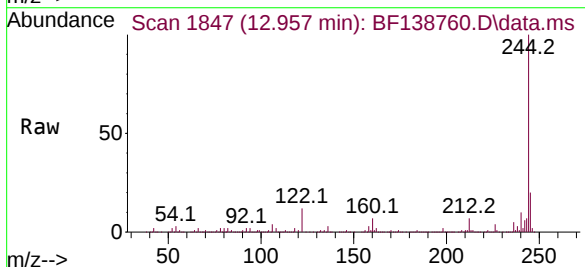
Tgt Ion:244 Resp: 1102490

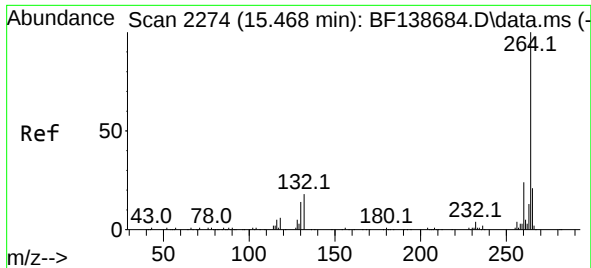
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

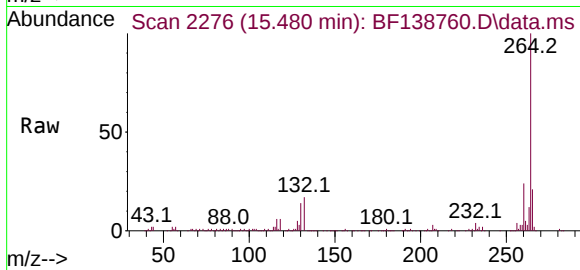
122 11.8 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Instrument :
BNA_F
ClientSampleId :
PB162460BL



Tgt Ion:264 Resp: 145319

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	20.5	17.0	25.6

