

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138260.D
 Acq On : 20 Jun 2024 12:32
 Operator : CG\JU
 Sample : PB161578BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161578BL

Quant Time: Jun 20 13:01:19 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)

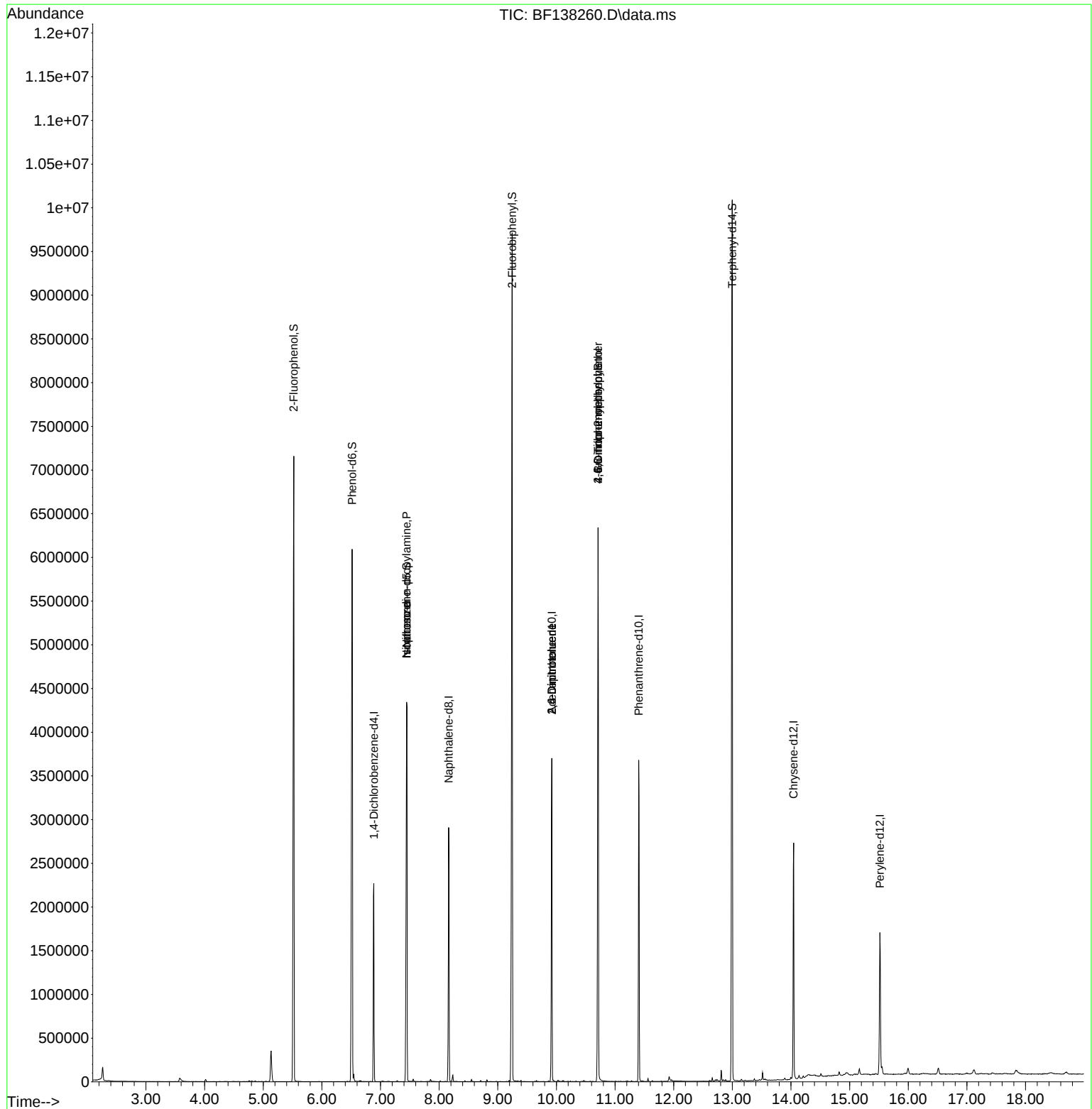
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	346334	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1363337	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	760146	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1385016	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	895871	20.000	ng	0.00
86) Perylene-d12	15.515	264	771260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2253025	108.823	ng	0.01
7) Phenol-d6	6.516	99	2853514	108.693	ng	0.00
23) Nitrobenzene-d5	7.445	82	1809399	77.264	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	902273	119.231	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3306602	69.171	ng	0.00
79) Terphenyl-d14	12.998	244	3946455	69.770	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	243267	15.633	ng	# 77
25) Isophorone	7.445	82	1804875	42.609	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	99712	9.869	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	99713	8.001	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1990	7.175	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	59759	3.829	ng	# 1

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

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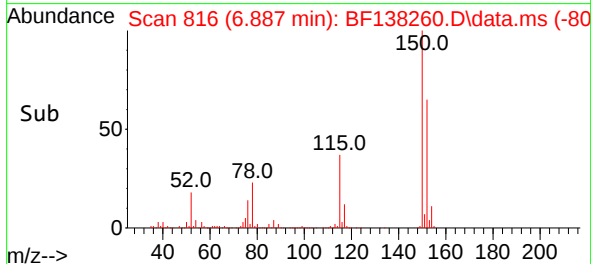
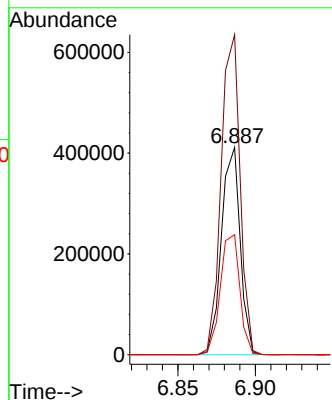
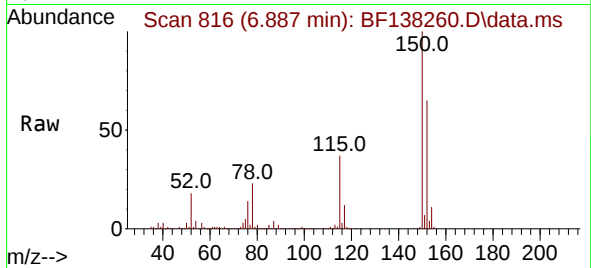




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

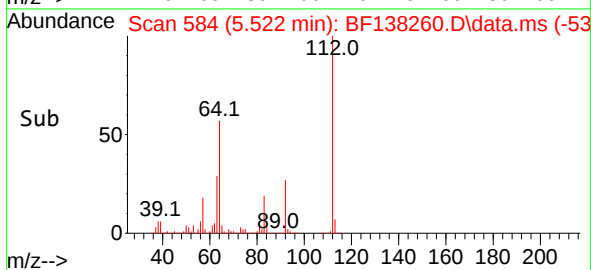
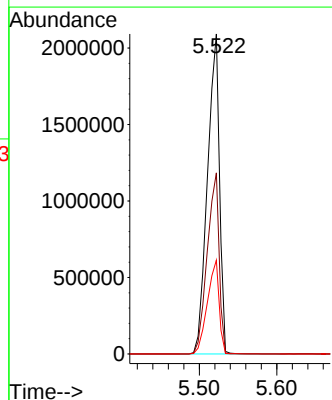
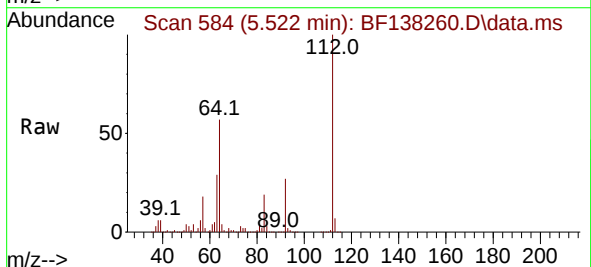
Instrument :
BNA_F
ClientSampleId :
PB161578BL

Tgt Ion:152 Resp: 346334
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 57.9 48.4 72.6



#5
2-Fluorophenol
Concen: 108.823 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

Tgt Ion:112 Resp: 2253025
Ion Ratio Lower Upper
112 100
64 56.6 45.2 67.8
63 29.3 22.9 34.3

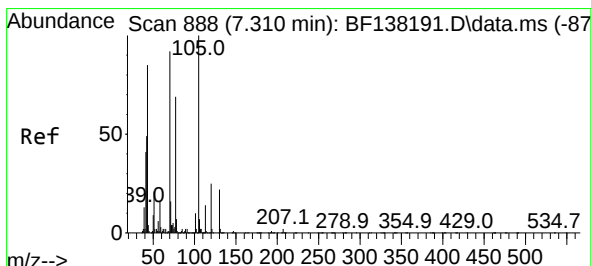
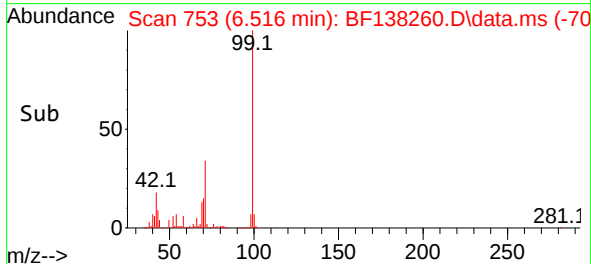
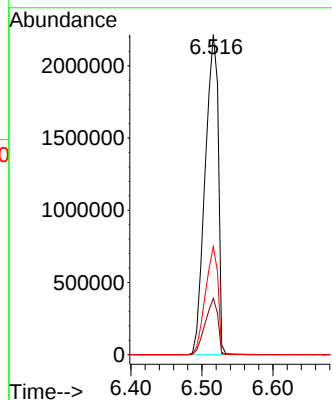
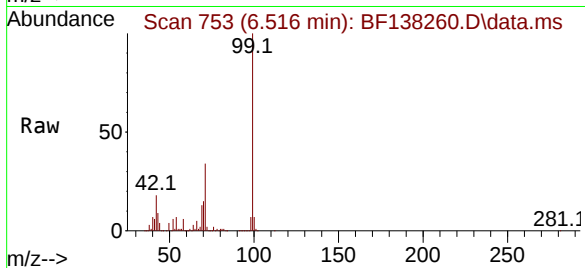




#7
Phenol-d6
Concen: 108.693 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

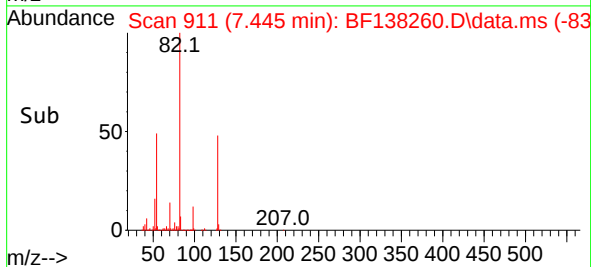
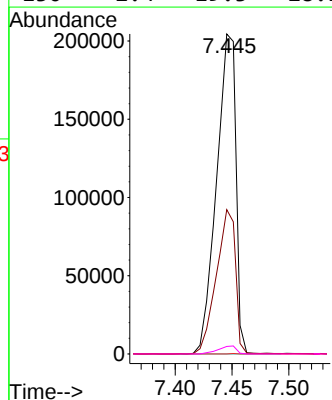
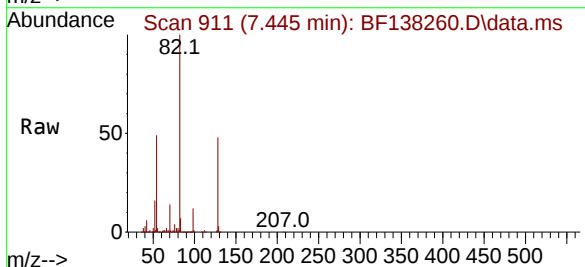
Instrument :
BNA_F
ClientSampleId :
PB161578BL

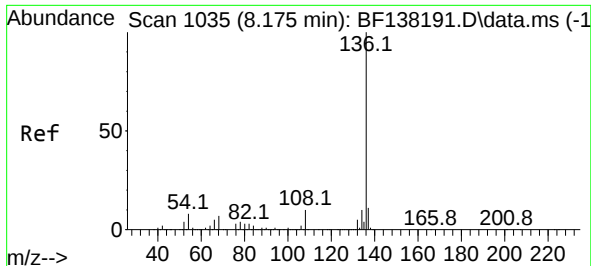
Tgt Ion: 99 Resp: 2853514
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 33.8 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.633 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

Tgt Ion: 70 Resp: 243267
Ion Ratio Lower Upper
70 100
42 45.1 42.8 64.2
101 0.0 8.4 12.6#
130 2.4 19.3 28.9#

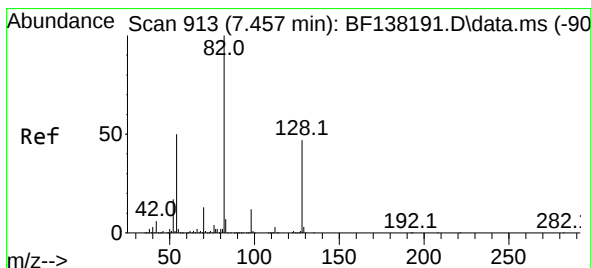
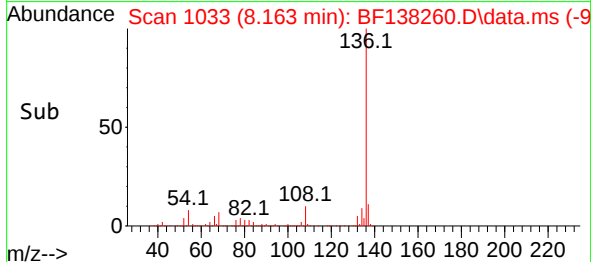
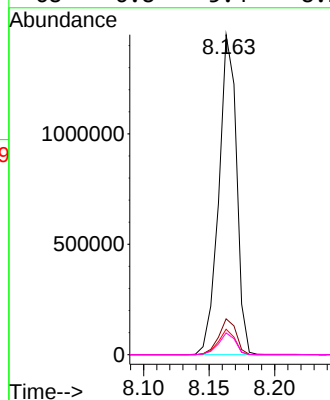
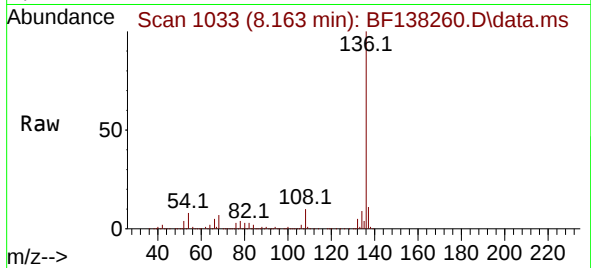




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

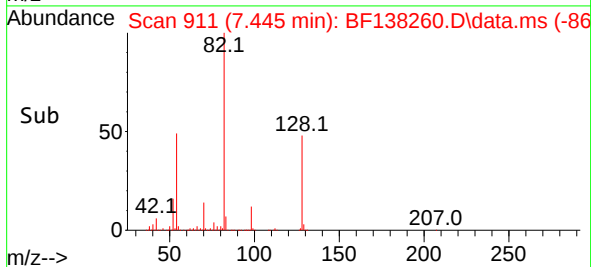
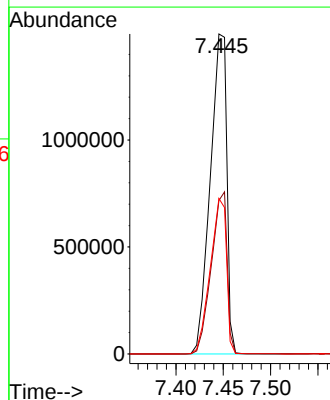
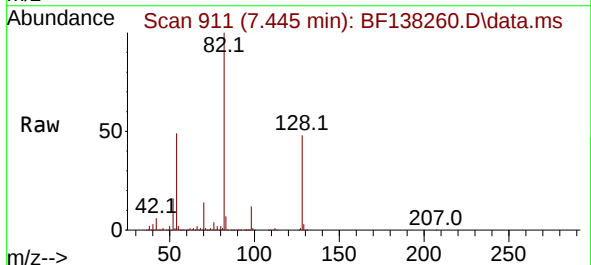
Instrument :
BNA_F
ClientSampleId :
PB161578BL

Tgt Ion:136 Resp: 1363337
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.9 6.6 10.0
68 6.8 5.4 8.2



#23
Nitrobenzene-d5
Concen: 77.264 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

Tgt Ion: 82 Resp: 1809399
Ion Ratio Lower Upper
82 100
128 48.0 37.2 55.8
54 48.6 39.8 59.6

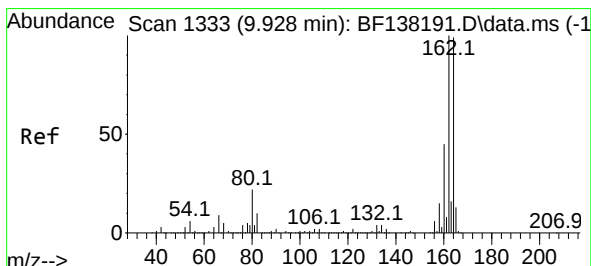
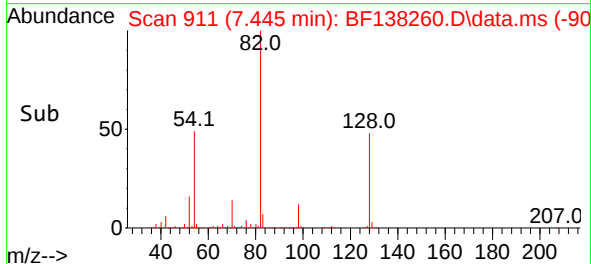
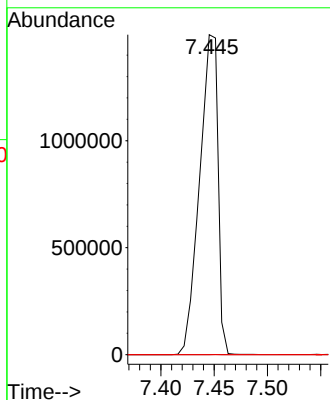
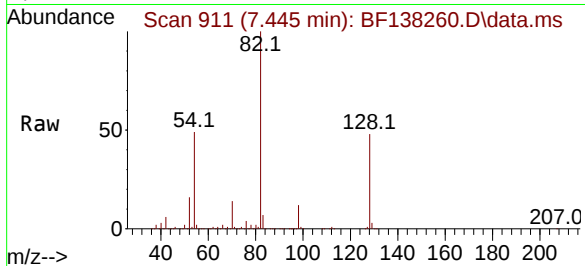




#25
Isophorone
Concen: 42.609 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

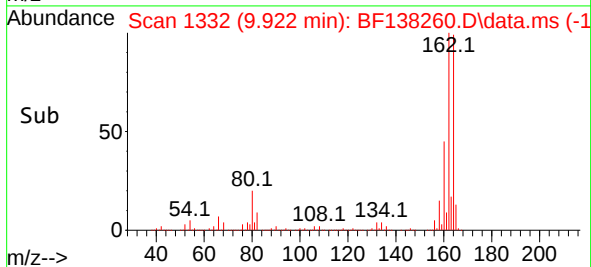
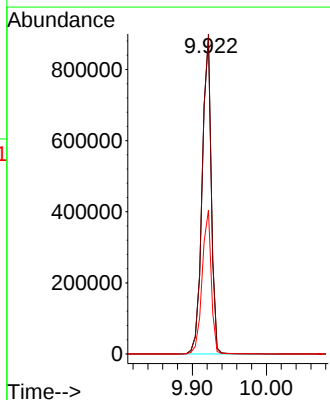
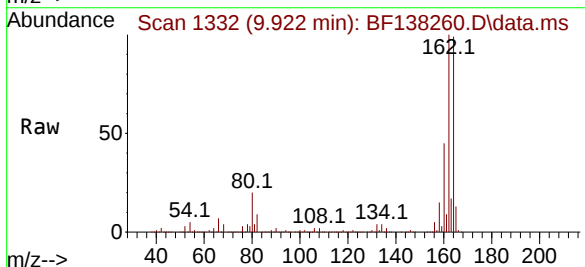
Instrument :
BNA_F
ClientSampleId :
PB161578BL

Tgt Ion: 82 Resp: 1804875
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: BF138260.D
Acq: 20 Jun 2024 12:32

Tgt Ion:164 Resp: 760146
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 45.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 119.231 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161578BL

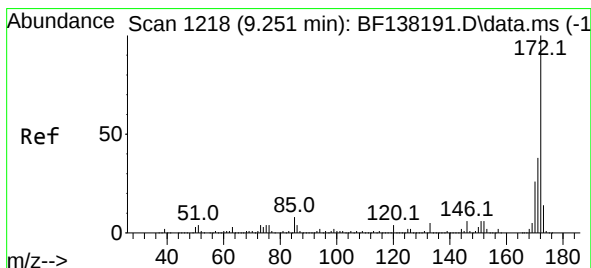
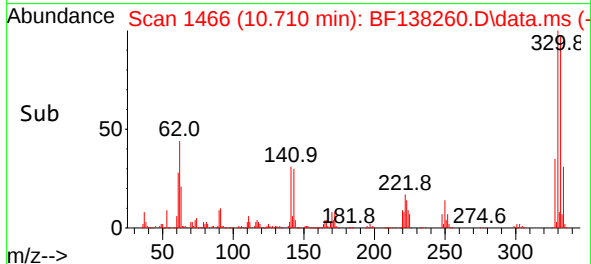
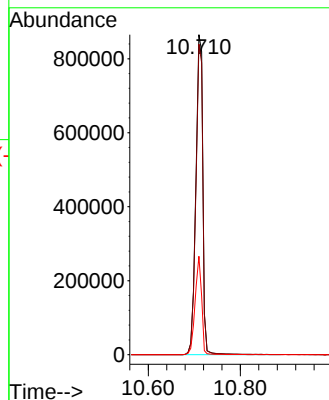
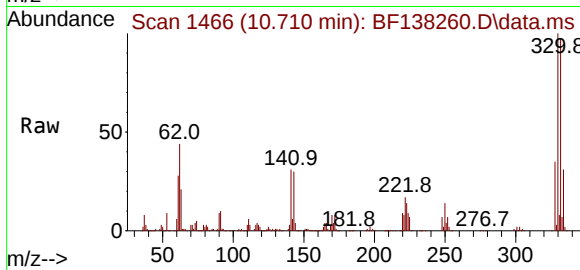
Tgt Ion:330 Resp: 902273

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 28.8 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 69.171 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

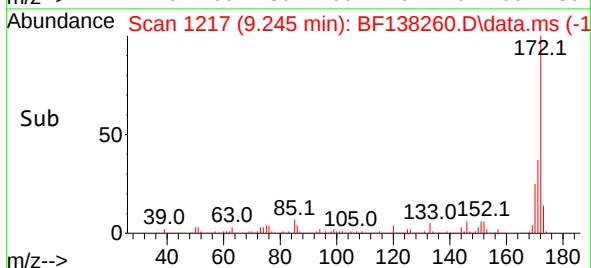
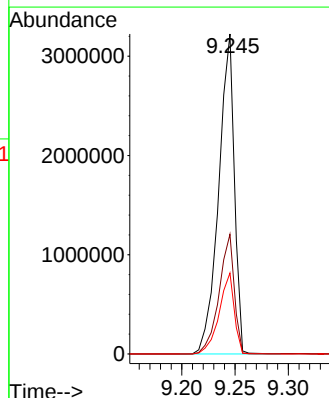
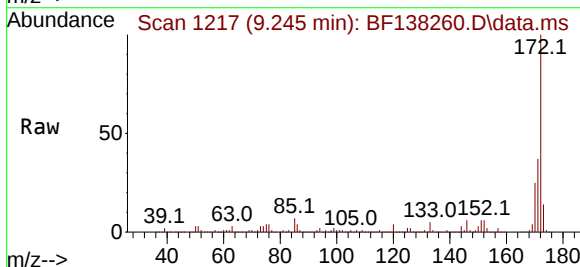
Tgt Ion:172 Resp: 3306602

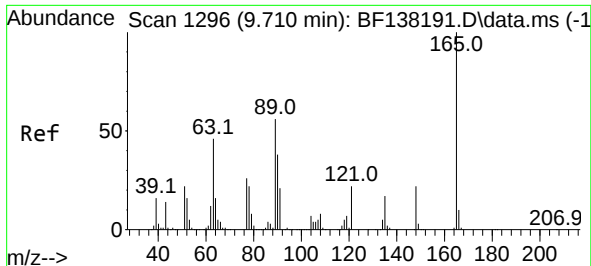
Ion Ratio Lower Upper

172 100

171 37.4 30.3 45.5

170 25.3 20.6 30.8

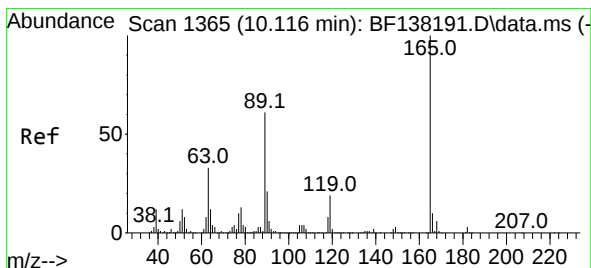
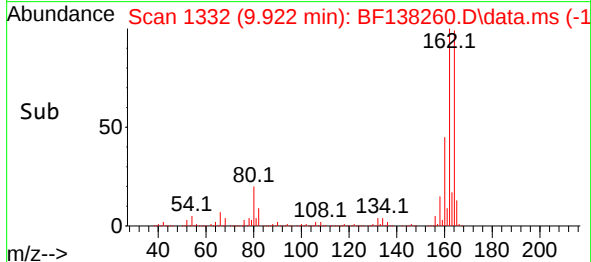
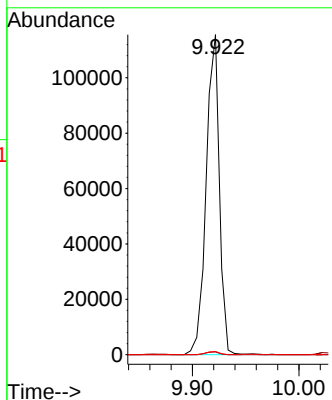
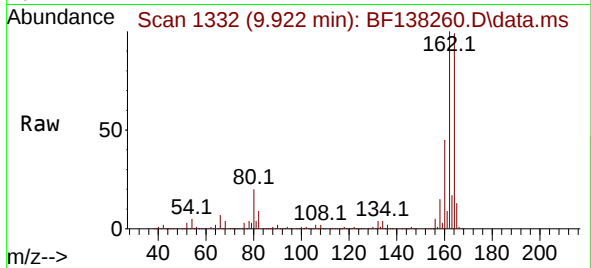




#51
2,6-Dinitrotoluene
Concen: 9.869 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

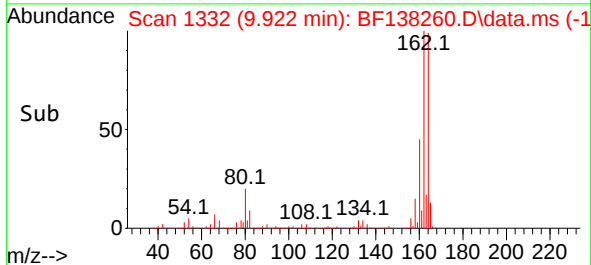
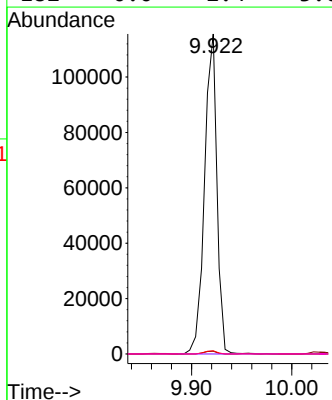
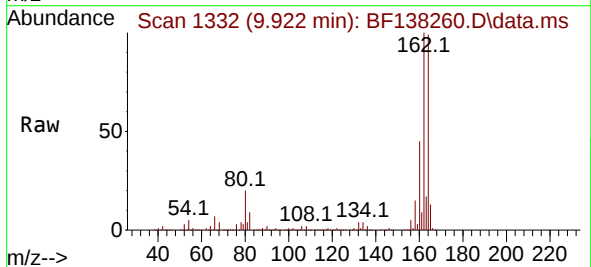
Instrument :
BNA_F
ClientSampleId :
PB161578BL

Tgt Ion:165 Resp: 99712
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.001 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

Tgt Ion:165 Resp: 99713
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161578BL

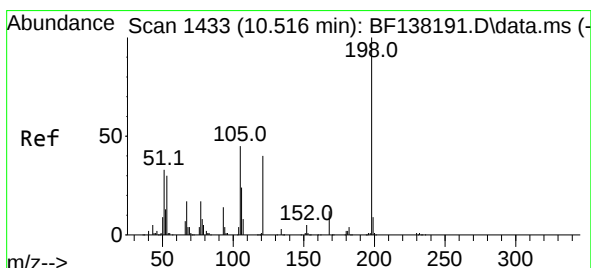
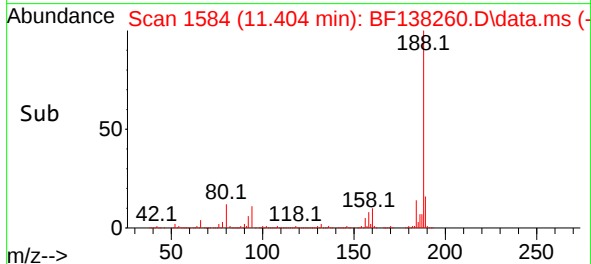
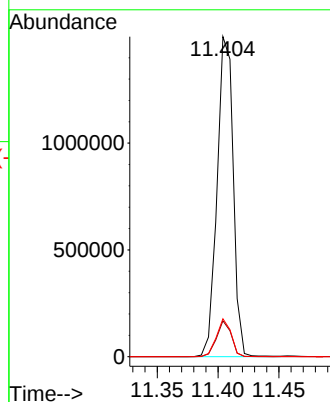
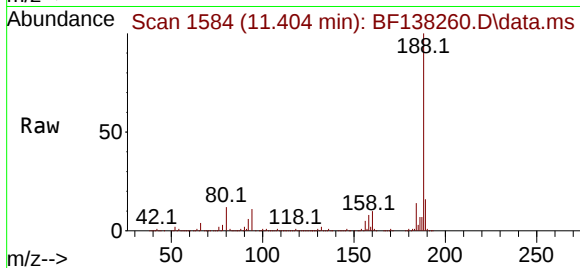
Tgt Ion:188 Resp: 1385016

Ion Ratio Lower Upper

188 100

94 11.2 7.6 11.4

80 11.9 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.175 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

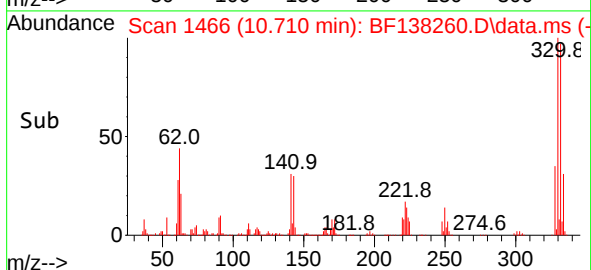
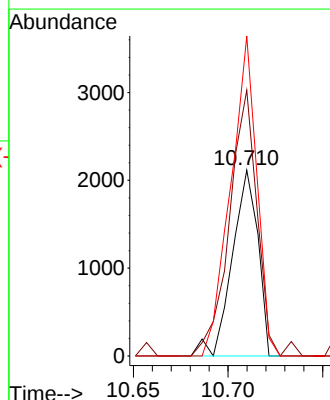
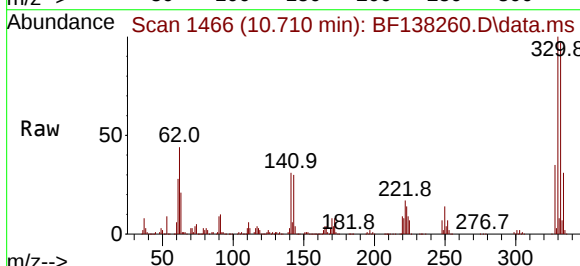
Tgt Ion:198 Resp: 1990

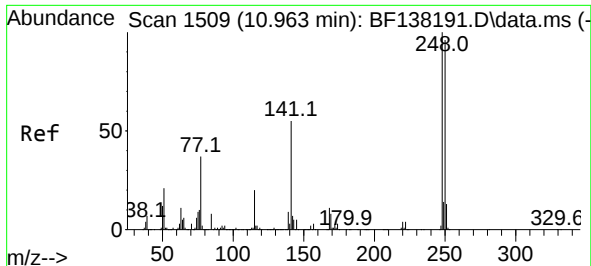
Ion Ratio Lower Upper

198 100

51 143.1 26.9 66.9#

105 172.3 26.0 66.0#

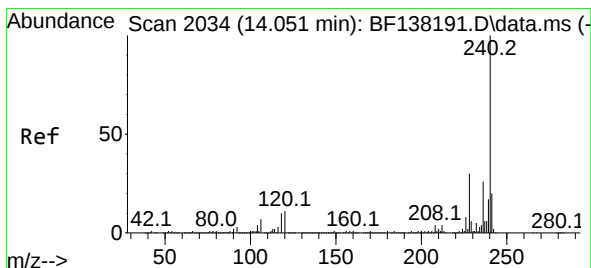
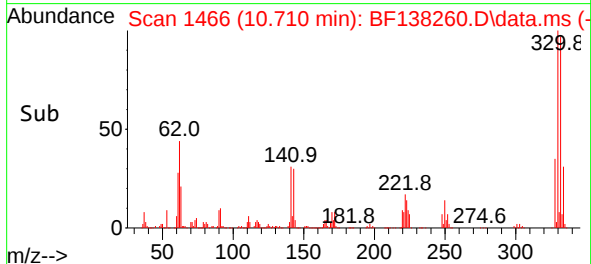
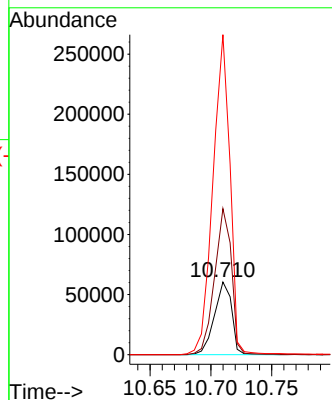
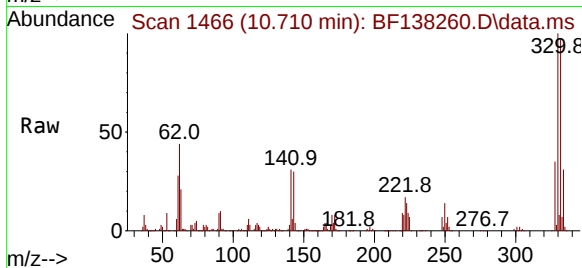




#67
4-Bromophenyl-phenylether
Concen: 3.829 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

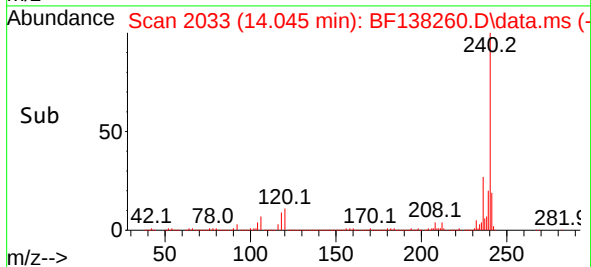
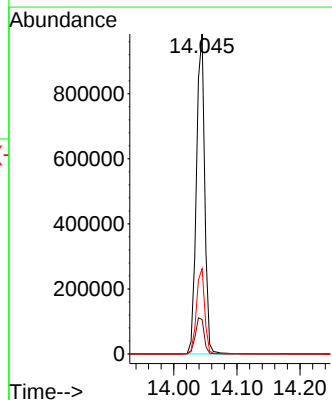
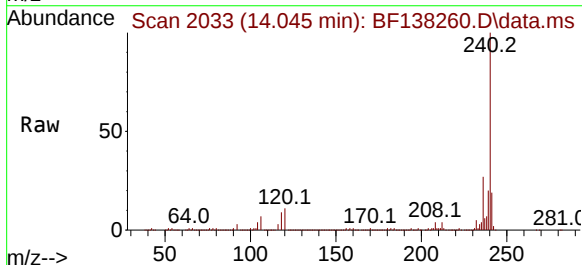
Instrument :
BNA_F
ClientSampleId :
PB161578BL

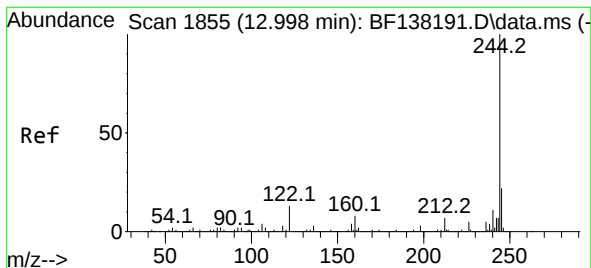
Tgt Ion:248 Resp: 59759
Ion Ratio Lower Upper
248 100
250 201.2 77.2 115.8#
141 440.5 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

Tgt Ion:240 Resp: 895871
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 26.6 21.0 31.6





#79

Terphenyl-d14

Concen: 69.770 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161578BL

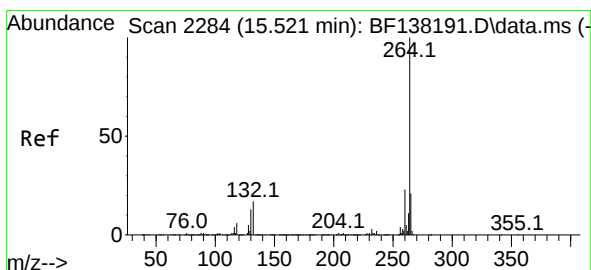
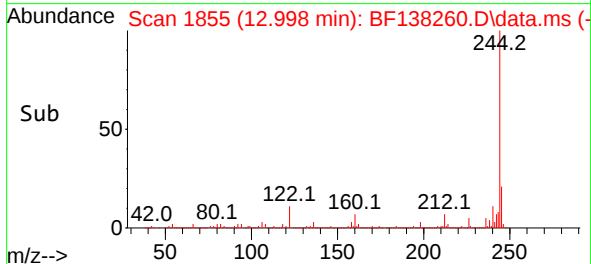
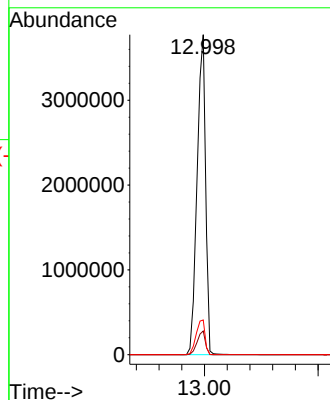
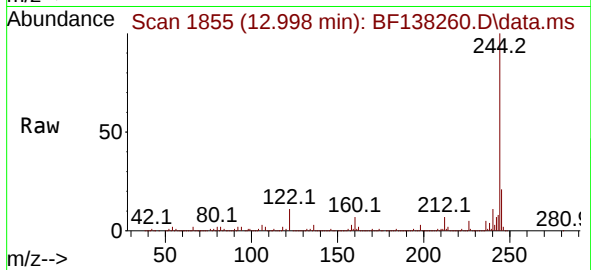
Tgt Ion:244 Resp: 3946455

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.9 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: BF138260.D

Acq: 20 Jun 2024 12:32

Tgt Ion:264 Resp: 771260

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.0 17.0 25.6

