

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138541.D
 Acq On : 12 Jul 2024 12:23
 Operator : CG\JU
 Sample : PB162009BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162009BL

Quant Time: Jul 12 13:03:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

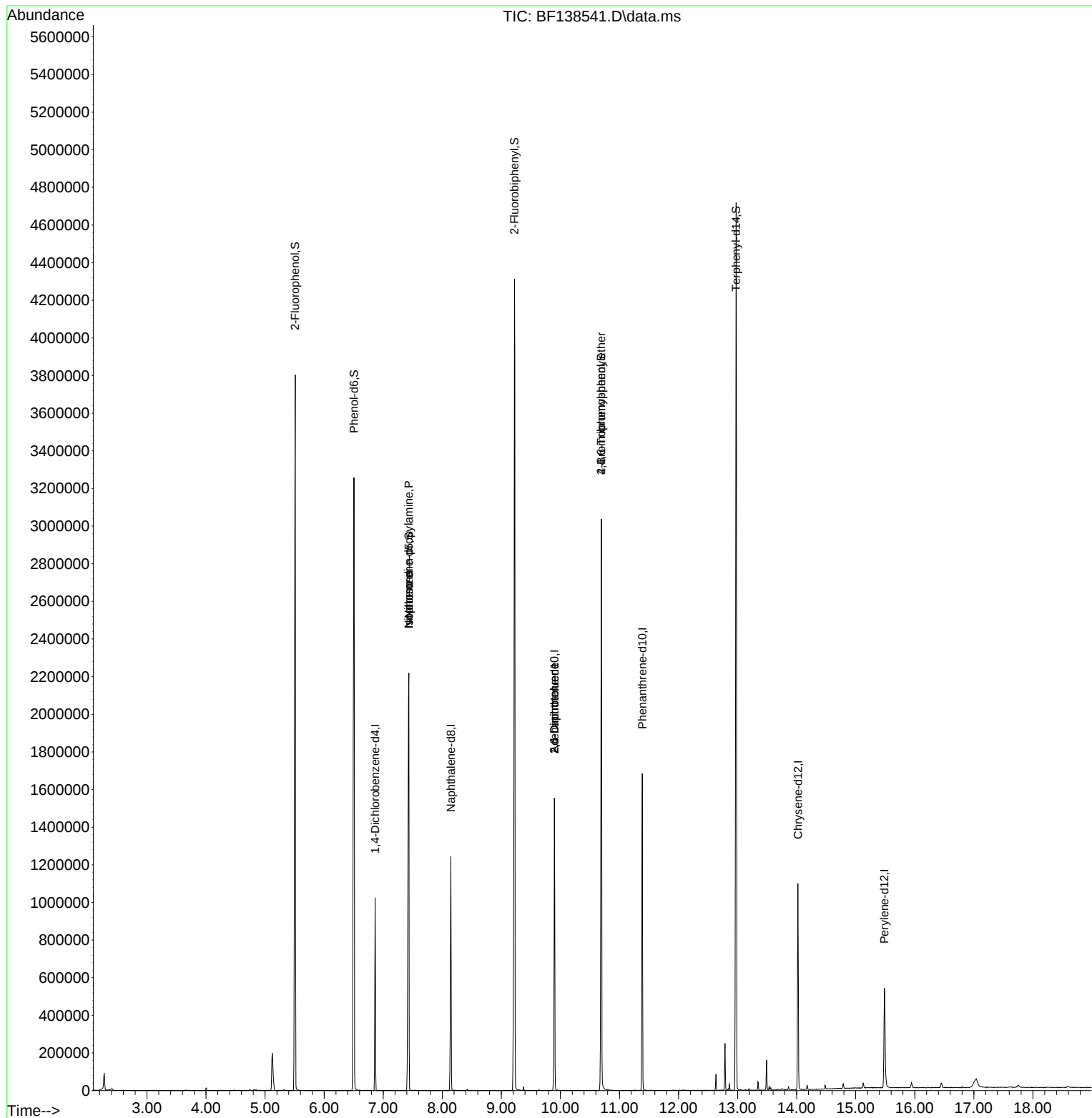
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	128235	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	525931	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	305938	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	557460	20.000	ng	0.00
76) Chrysene-d12	14.021	240	335199	20.000	ng	0.00
86) Perylene-d12	15.486	264	264677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	979931	121.026	ng	0.02
7) Phenol-d6	6.504	99	1316151	122.191	ng	0.00
23) Nitrobenzene-d5	7.434	82	881079	82.252	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	372782	130.375	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1583864	80.913	ng	0.00
79) Terphenyl-d14	12.974	244	1841964	89.522	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	120108	18.046	ng	# 72
25) Isophorone	7.434	82	881066	47.895	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	39125	8.590	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	39125	6.639	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	25061	4.374	ng	# 1

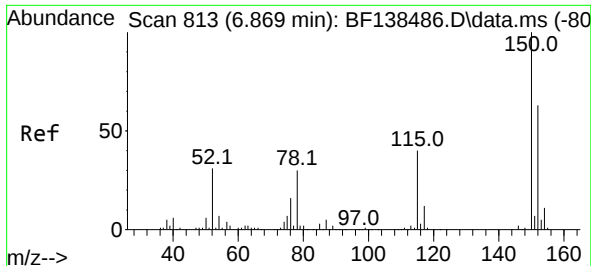
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
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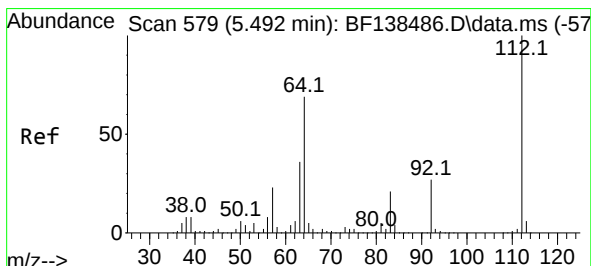
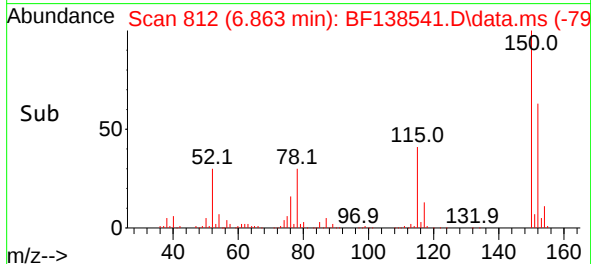
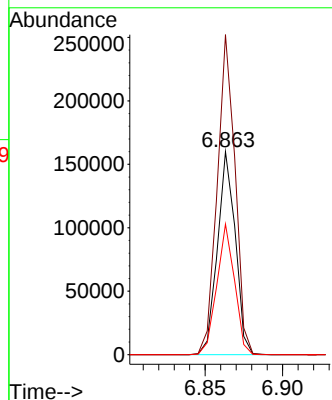
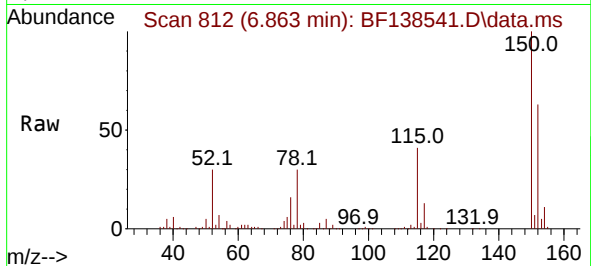




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

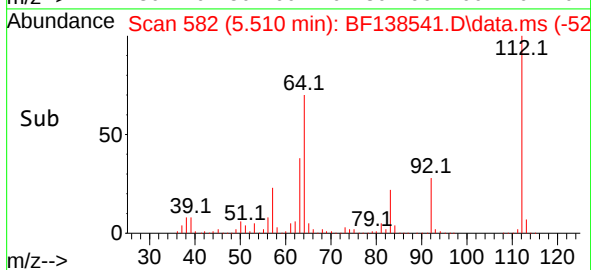
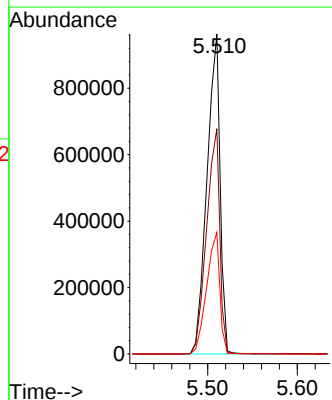
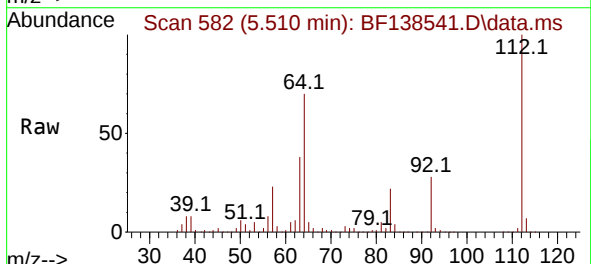
Instrument :
BNA_F
ClientSampleId :
PB162009BL

Tgt Ion:152 Resp: 128235
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.4
115 64.3 50.3 75.5



#5
2-Fluorophenol
Concen: 121.026 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

Tgt Ion:112 Resp: 979931
Ion Ratio Lower Upper
112 100
64 70.4 55.1 82.7
63 38.0 29.0 43.6

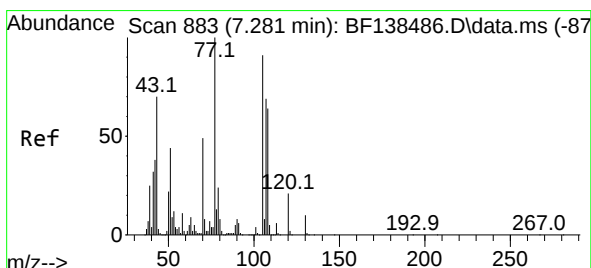
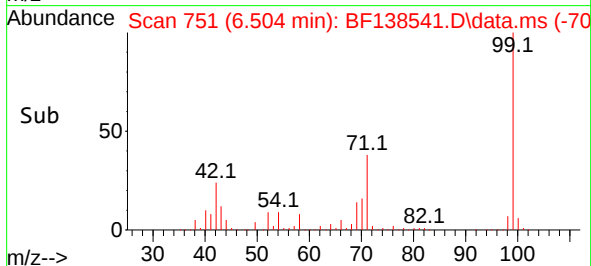
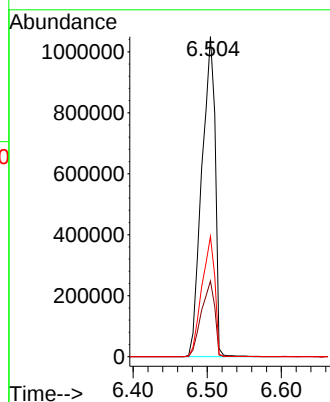
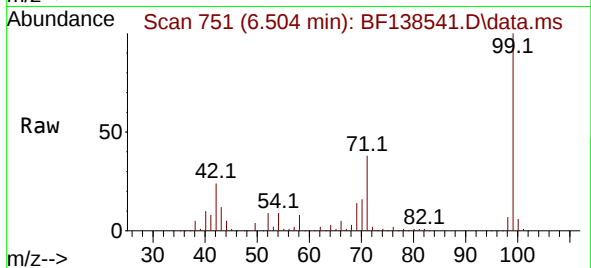




#7
Phenol-d6
Concen: 122.191 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

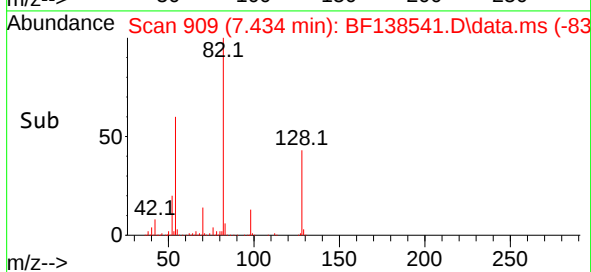
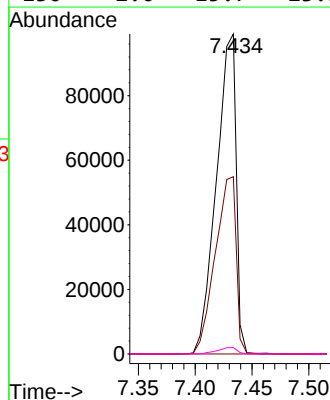
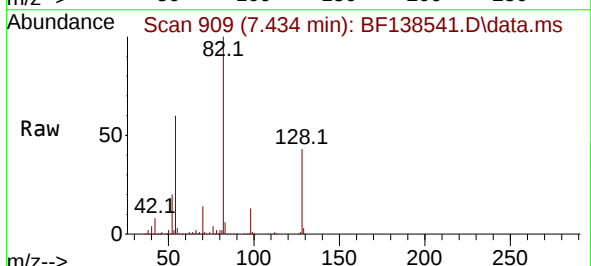
Instrument :
BNA_F
ClientSampleId :
PB162009BL

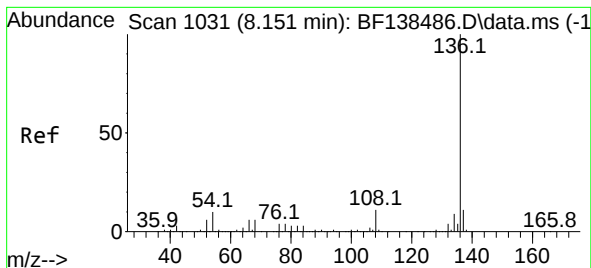
Tgt Ion: 99 Resp: 1316151
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 37.5 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.046 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.153 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

Tgt Ion: 70 Resp: 120108
Ion Ratio Lower Upper
70 100
42 55.4 62.4 93.6#
101 0.0 7.2 10.8#
130 2.0 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162009BL

Tgt Ion:136 Resp: 525931

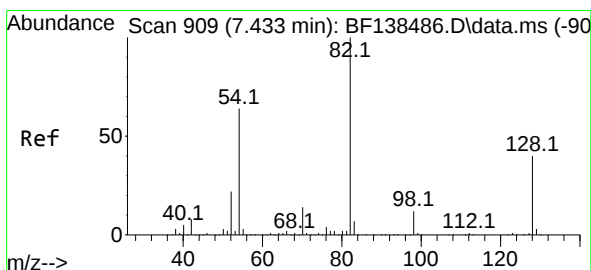
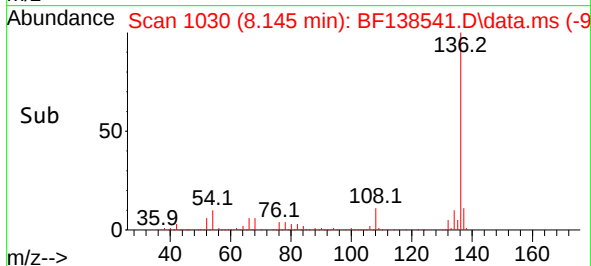
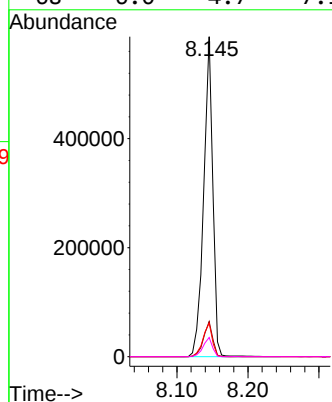
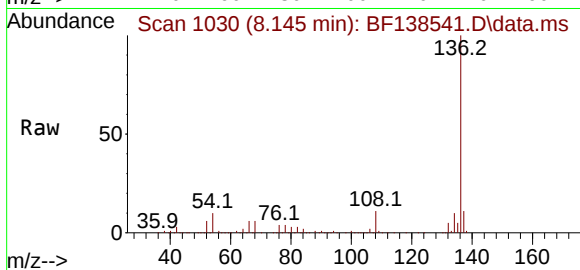
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.5 8.1 12.1

68 6.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 82.252 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

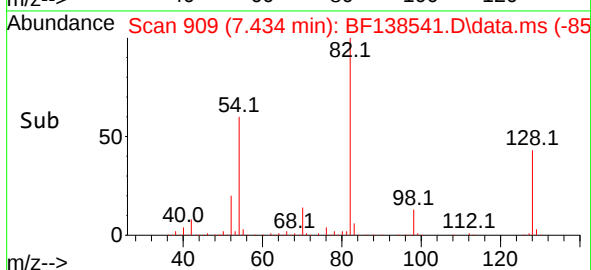
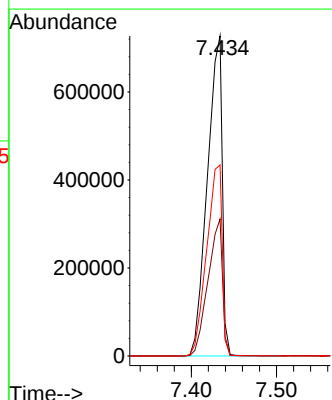
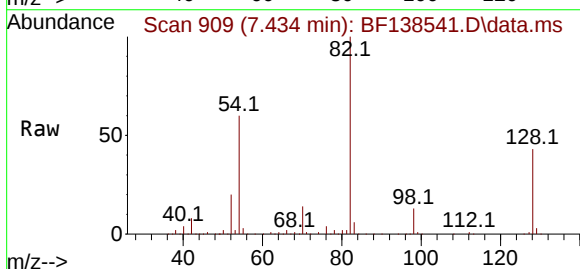
Tgt Ion: 82 Resp: 881079

Ion Ratio Lower Upper

82 100

128 42.8 32.3 48.5

54 59.7 51.4 77.0

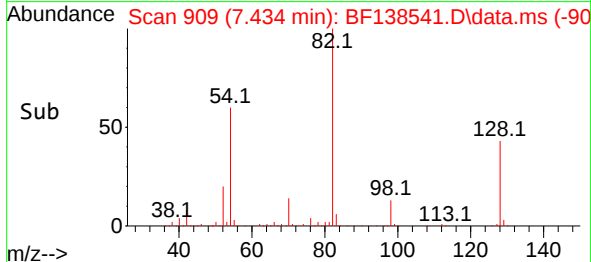
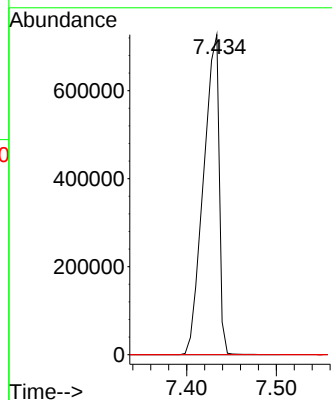
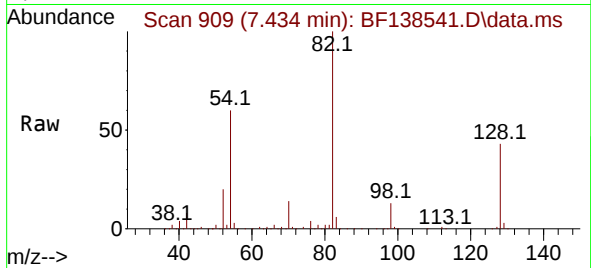




#25
Isophorone
Concen: 47.895 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.253 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

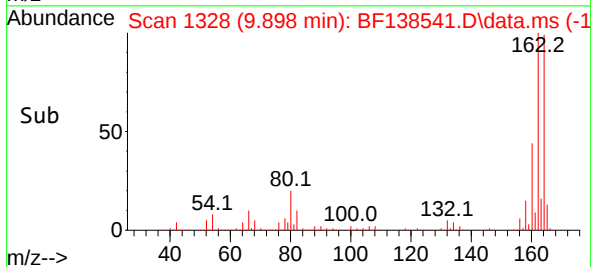
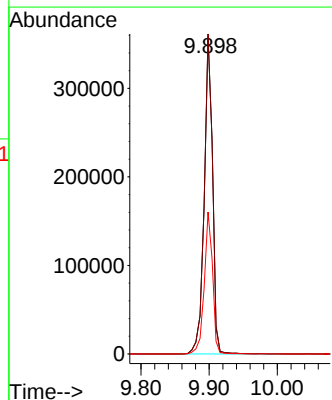
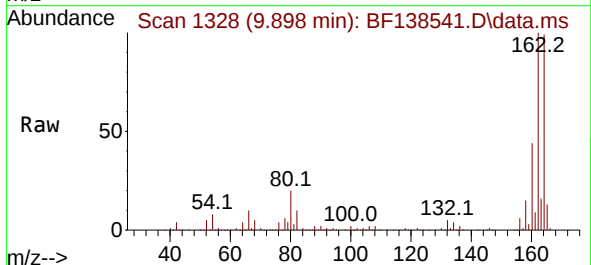
Instrument :
BNA_F
ClientSampleId :
PB162009BL

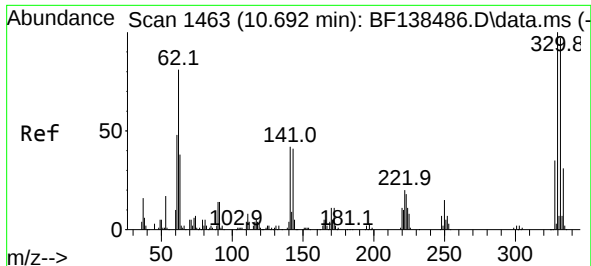
Tgt Ion: 82 Resp: 881066
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

Tgt Ion:164 Resp: 305938
Ion Ratio Lower Upper
164 100
162 101.0 79.0 118.6
160 44.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 130.375 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162009BL

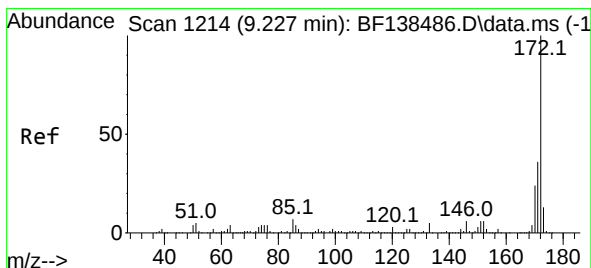
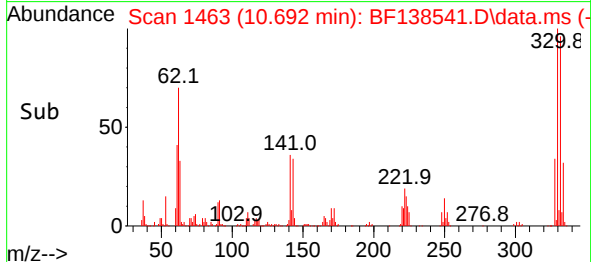
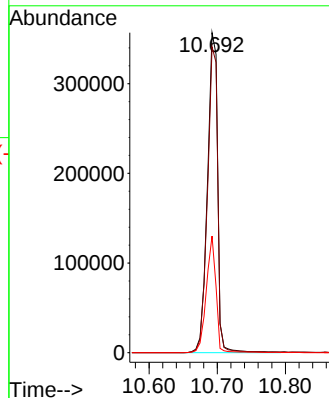
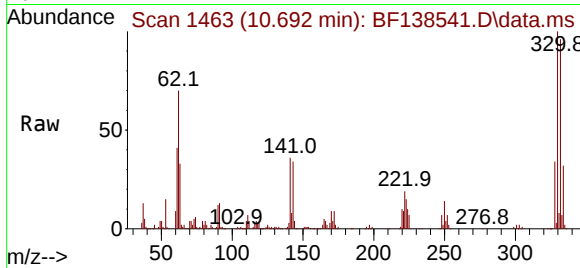
Tgt Ion:330 Resp: 372782

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 34.6 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 80.913 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

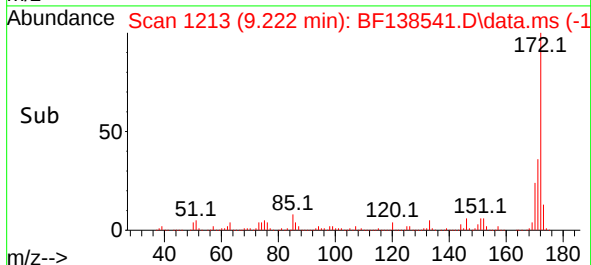
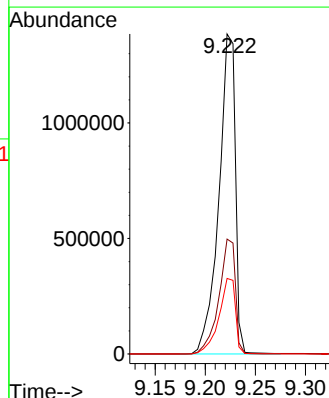
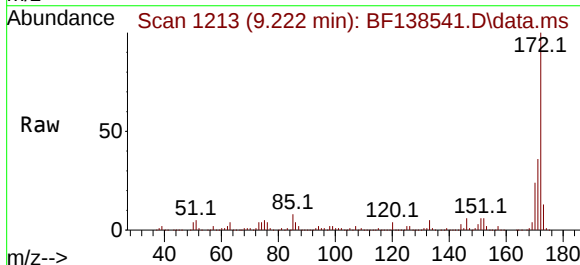
Tgt Ion:172 Resp: 1583864

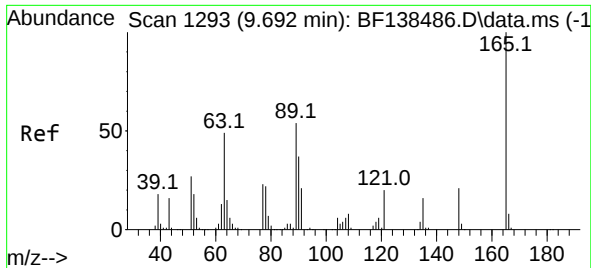
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.590 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162009BL

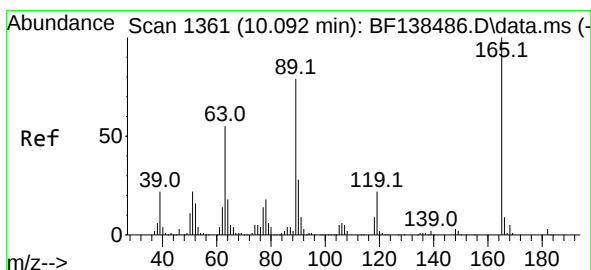
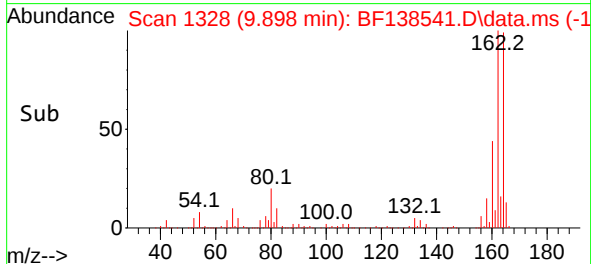
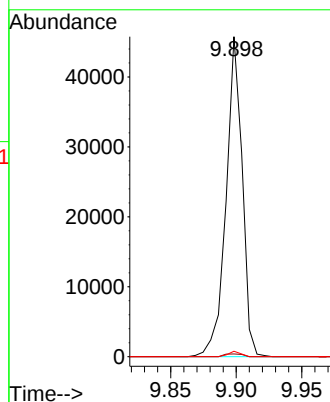
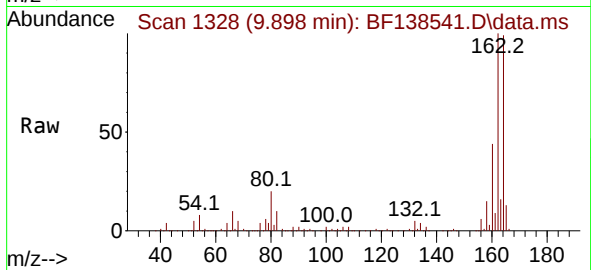
Tgt Ion:165 Resp: 39125

Ion Ratio Lower Upper

165 100

63 0.9 48.1 72.1#

89 1.7 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.639 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.194 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

Tgt Ion:165 Resp: 39125

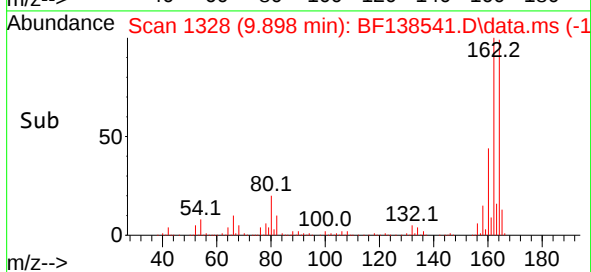
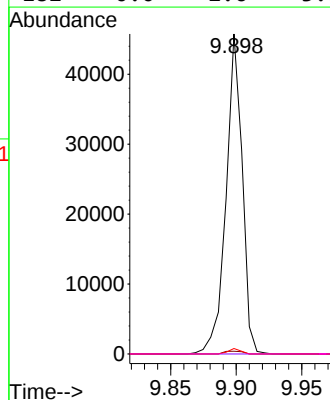
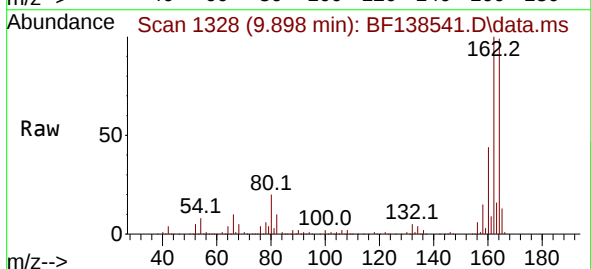
Ion Ratio Lower Upper

165 100

63 0.9 44.6 66.8#

89 1.7 63.4 95.2#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162009BL

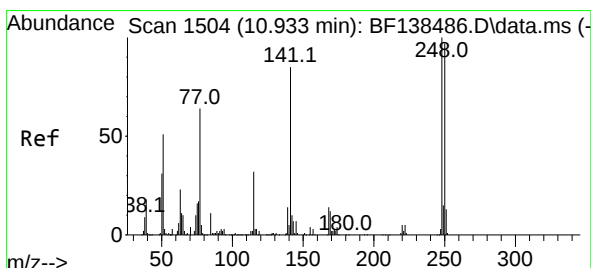
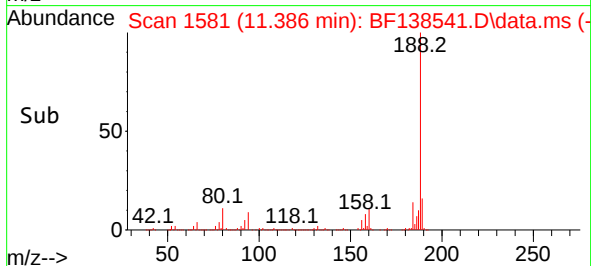
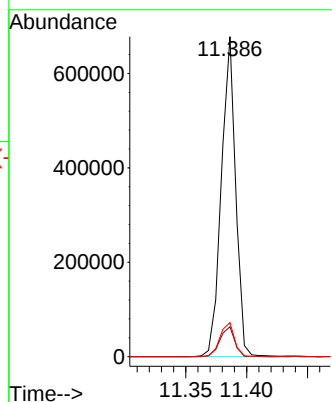
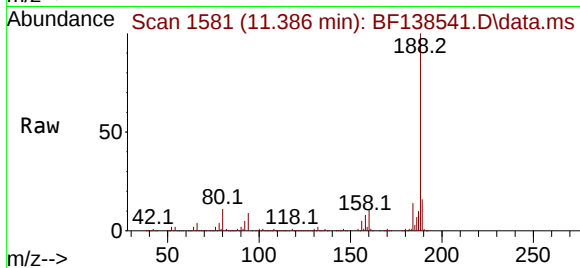
Tgt Ion:188 Resp: 557460

Ion Ratio Lower Upper

188 100

94 9.4 8.7 13.1

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.374 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.241 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

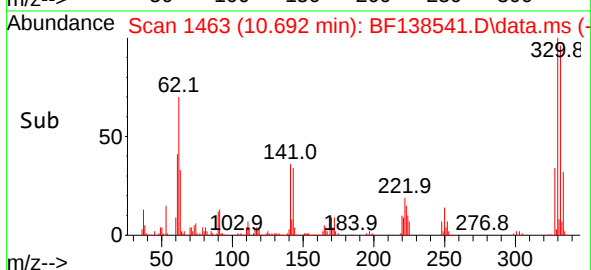
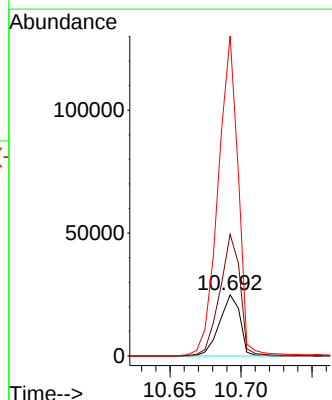
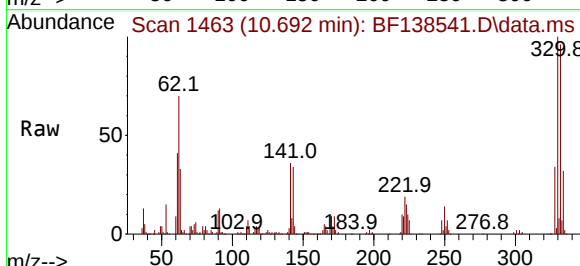
Tgt Ion:248 Resp: 25061

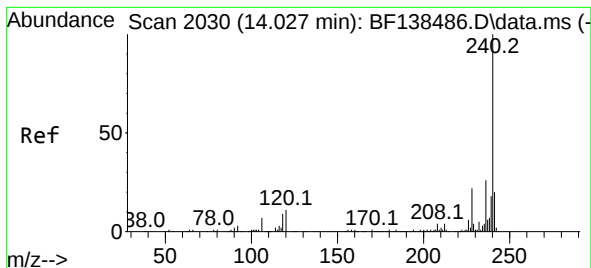
Ion Ratio Lower Upper

248 100

250 199.0 77.9 116.9#

141 523.6 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162009BL

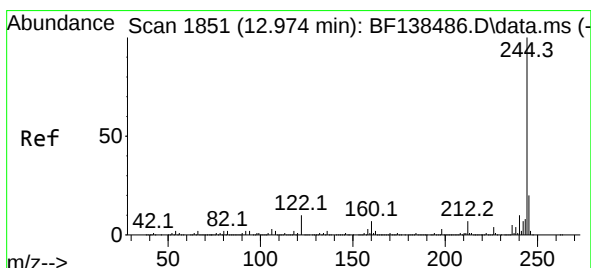
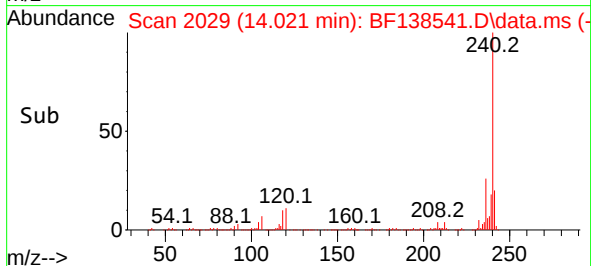
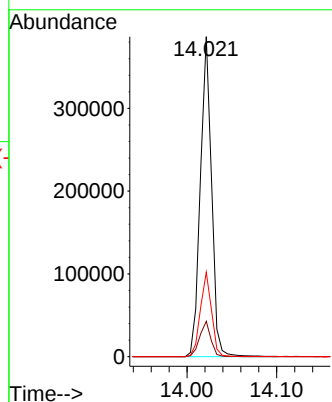
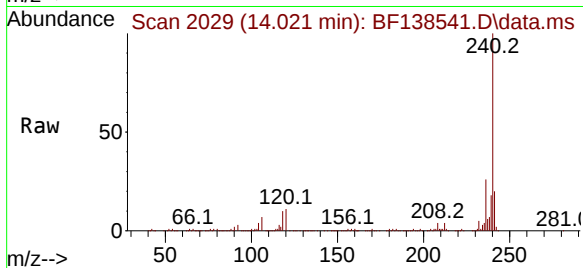
Tgt Ion:240 Resp: 335199

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

236 26.4 21.0 31.6



#79

Terphenyl-d14

Concen: 89.522 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138541.D

Acq: 12 Jul 2024 12:23

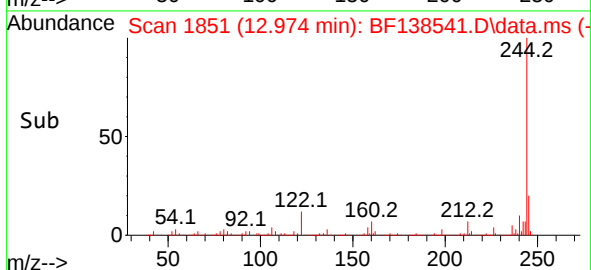
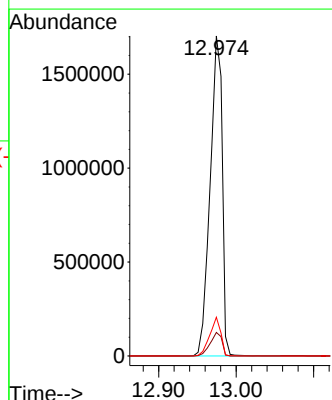
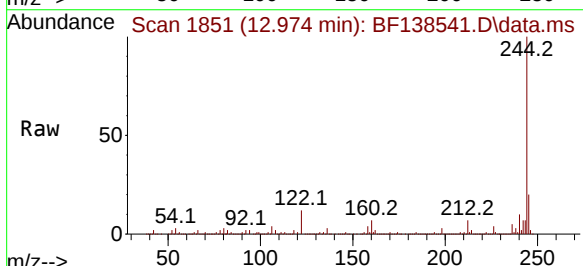
Tgt Ion:244 Resp: 1841964

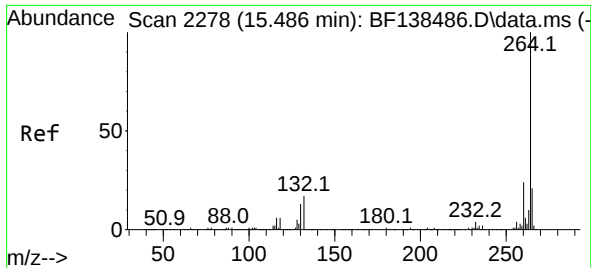
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

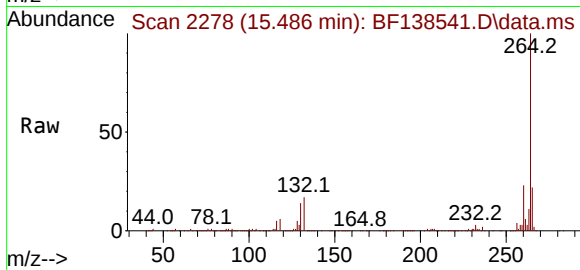
122 12.1 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB162009BL



Tgt Ion:264 Resp: 264677
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.6
265 21.8 17.0 25.4

