

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138930.D
 Acq On : 12 Aug 2024 13:12
 Operator : RC/JU
 Sample : P3520-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-11-080624

Quant Time: Aug 12 13:56:51 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)

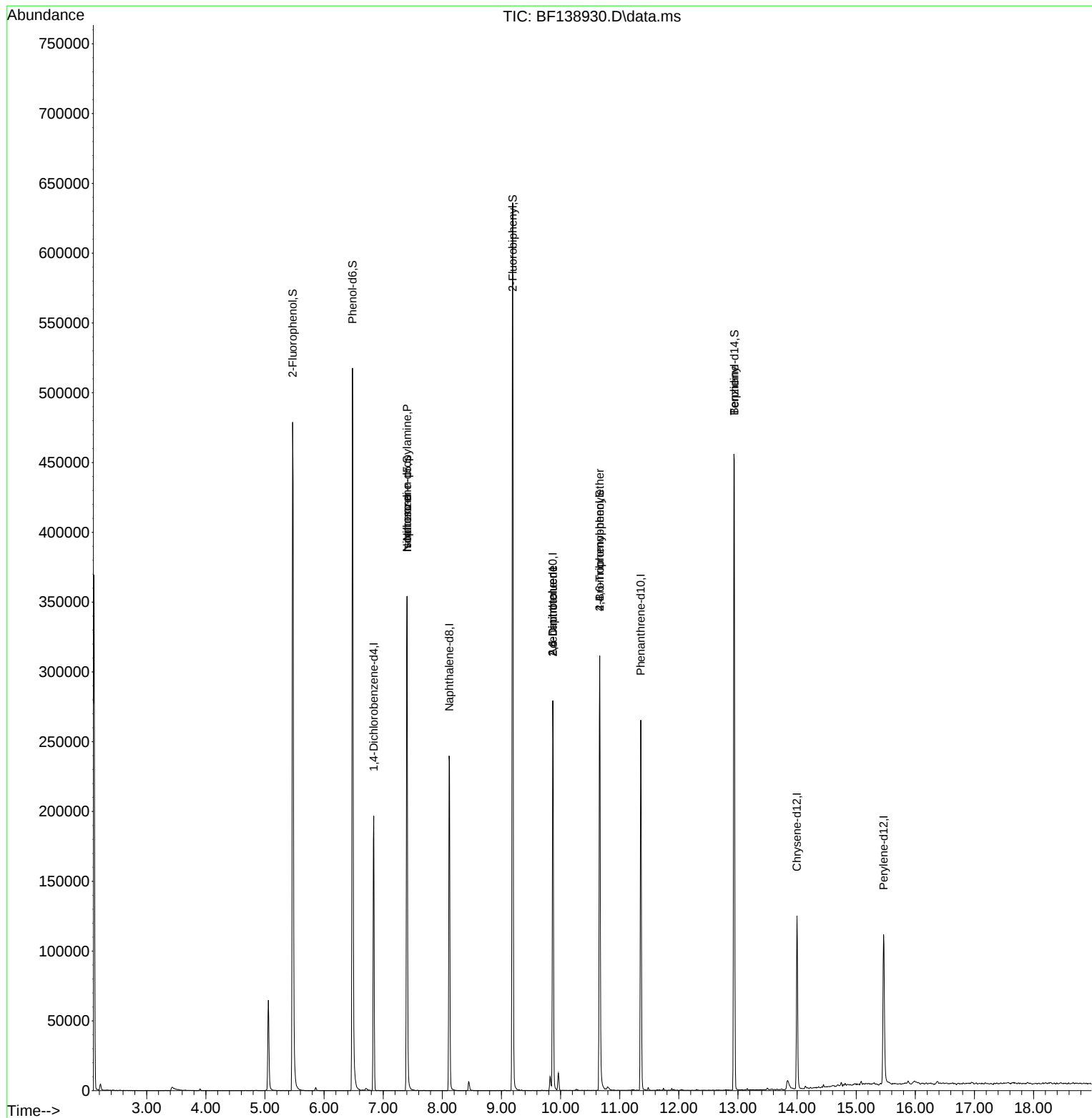
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	37405	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	152807	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	80675	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	135968	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61639	20.000	ng	0.00
86) Perylene-d12	15.462	264	71373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	169196	69.825	ng	0.00
7) Phenol-d6	6.481	99	227274	69.859	ng	0.00
23) Nitrobenzene-d5	7.404	82	149780	47.923	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	47362	71.670	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	273487	50.934	ng	-0.01
79) Terphenyl-d14	12.939	244	219248	59.553	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	20909	10.641	ng	# 78
25) Isophorone	7.404	82	149779	28.065	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10140	8.710	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10140	6.827	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	3352	2.277	ng	# 1
77) Benzydine	12.939	184	3429	2.326	ng	# 90

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

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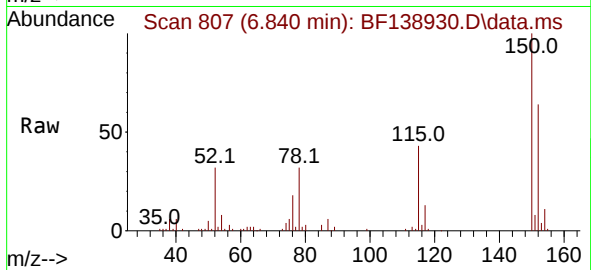
Quant Time: Aug 12 13:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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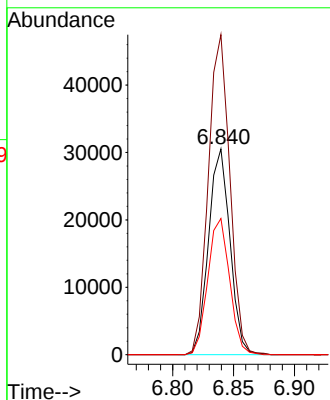
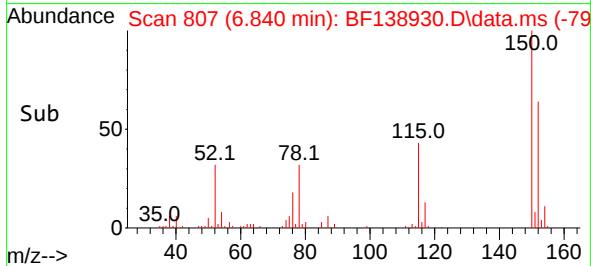


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

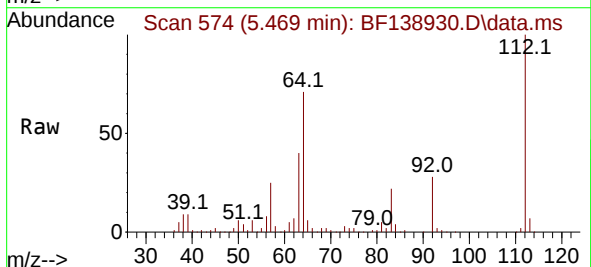
Instrument :
BNA_F
ClientSampleId :
OU4-CF-11-080624



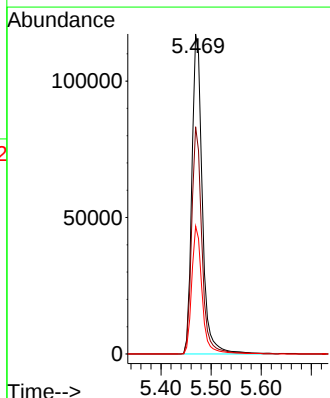
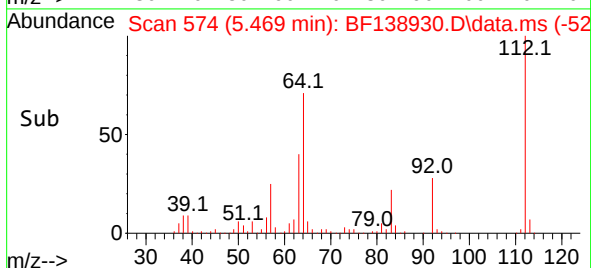
Tgt Ion:152 Resp: 37405
Ion Ratio Lower Upper
152 100
150 155.5 126.0 189.0
115 66.2 51.7 77.5



#5
2-Fluorophenol
Concen: 69.825 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12



Tgt Ion:112 Resp: 169196
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.4
63 39.9 28.7 43.1

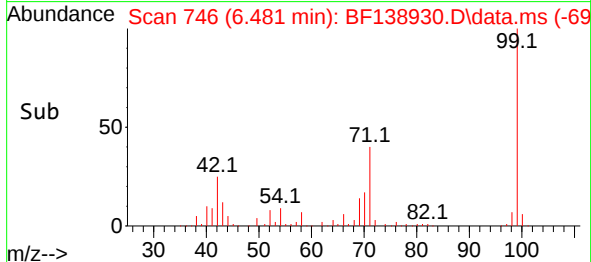
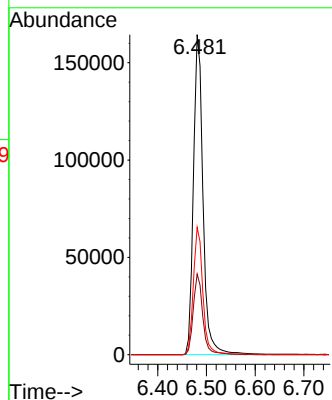
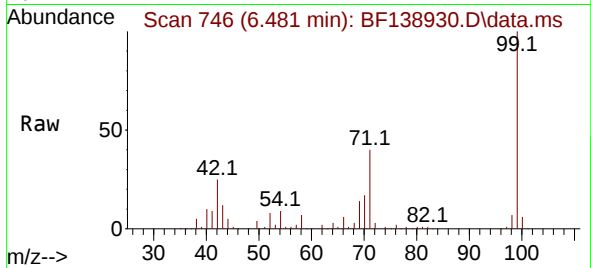




#7
Phenol-d6
Concen: 69.859 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

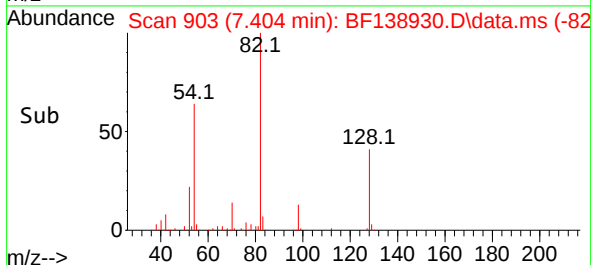
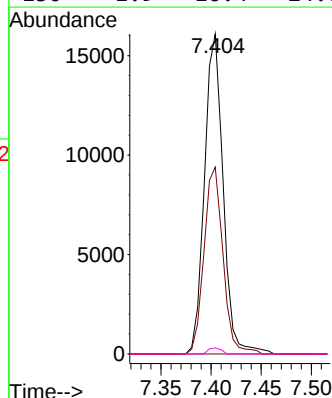
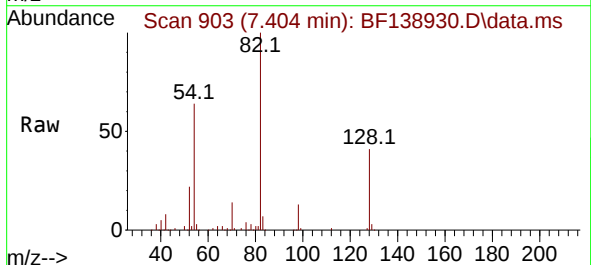
Instrument :
BNA_F
ClientSampleId :
OU4-CF-11-080624

Tgt Ion: 99 Resp: 227274
Ion Ratio Lower Upper
99 100
42 25.2 17.4 26.0
71 39.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.641 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

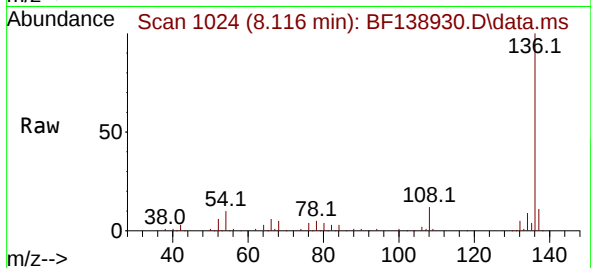
Tgt Ion: 70 Resp: 20909
Ion Ratio Lower Upper
70 100
42 58.4 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



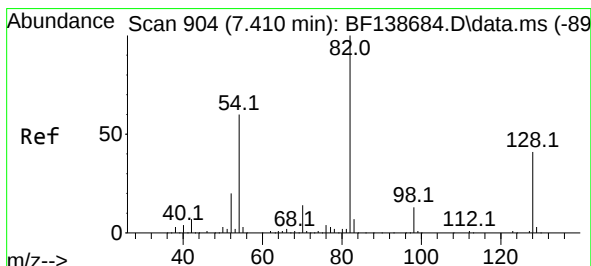
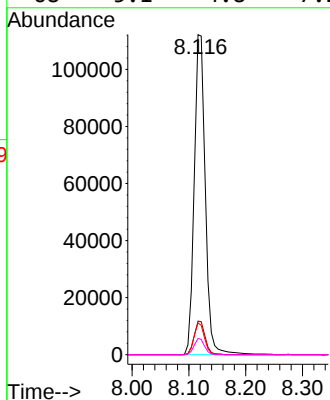
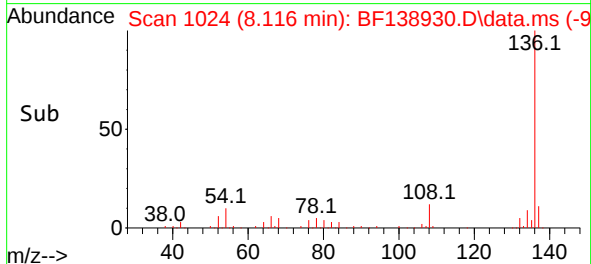


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

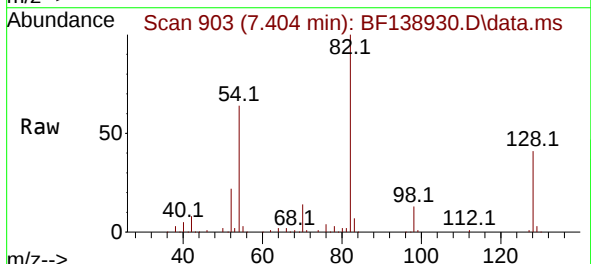
Instrument :
BNA_F
ClientSampleId :
OU4-CF-11-080624



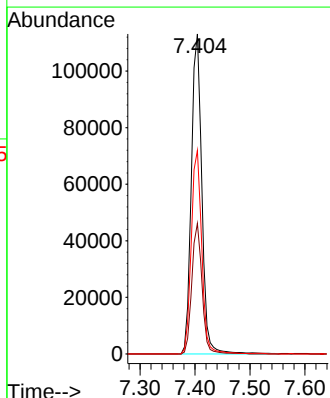
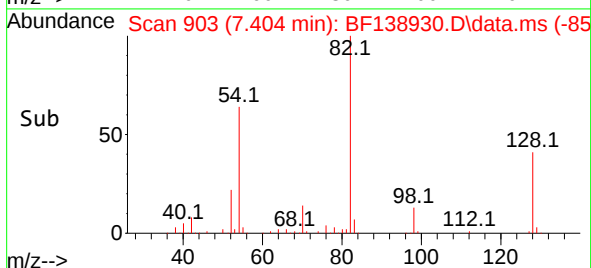
Tgt Ion:136 Resp: 152807
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.9 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 47.923 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12



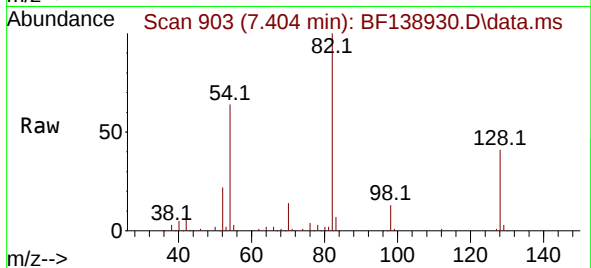
Tgt Ion: 82 Resp: 149780
Ion Ratio Lower Upper
82 100
128 40.8 32.8 49.2
54 63.6 48.3 72.5



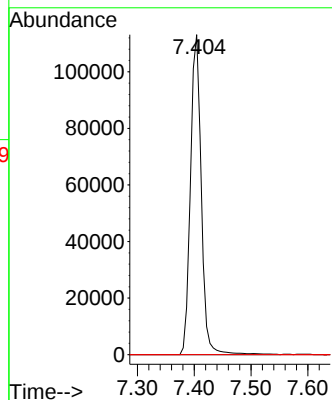
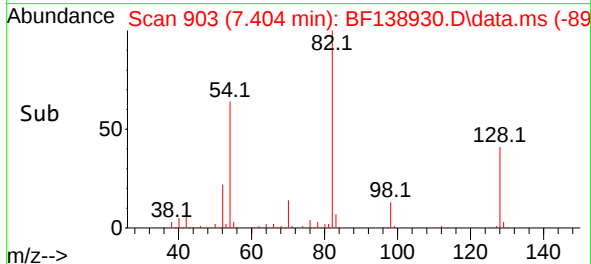


#25
Isophorone
Concen: 28.065 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

Instrument :
BNA_F
ClientSampleId :
OU4-CF-11-080624

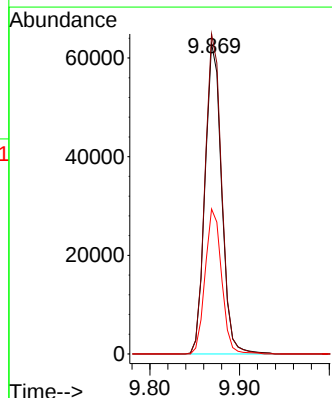
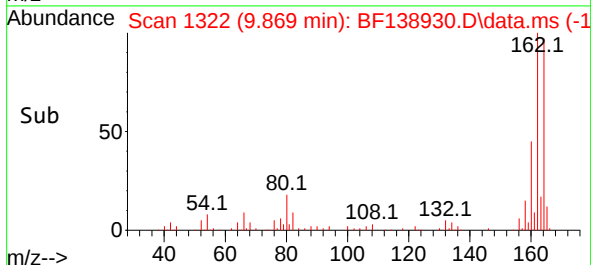
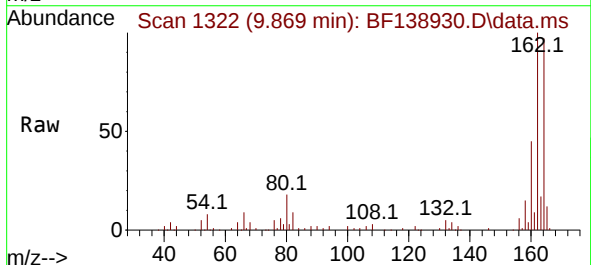


Tgt Ion: 82 Resp: 149779
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

Tgt Ion: 164 Resp: 80675
Ion Ratio Lower Upper
164 100
162 103.0 79.4 119.0
160 46.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 71.670 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138930.D

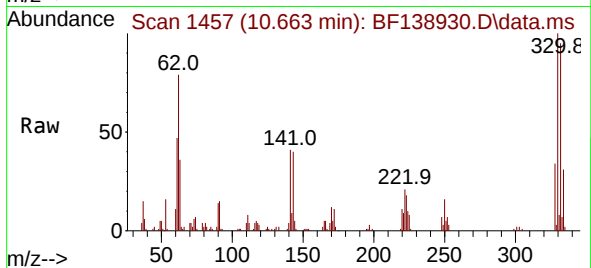
Acq: 12 Aug 2024 13:12

Instrument :

BNA_F

ClientSampleId :

OU4-CF-11-080624



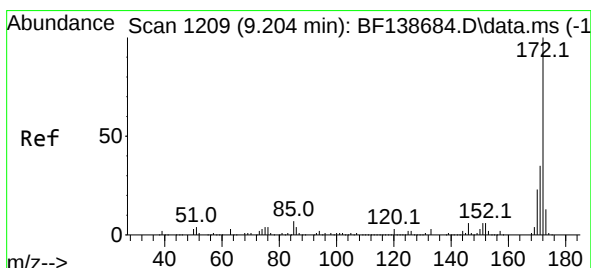
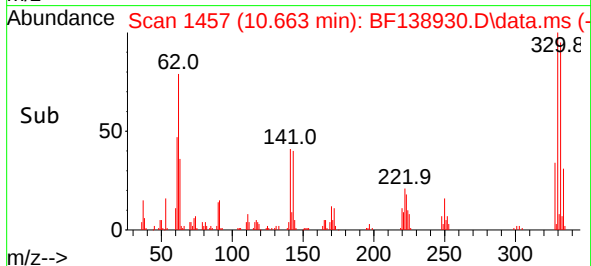
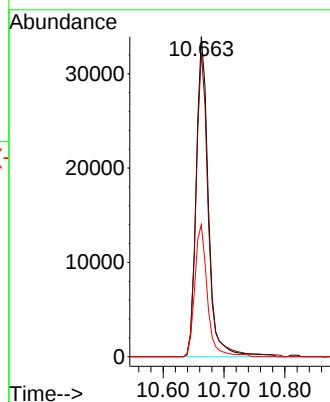
Tgt Ion:330 Resp: 47362

Ion Ratio Lower Upper

330 100

332 95.4 76.4 114.6

141 42.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 50.934 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138930.D

Acq: 12 Aug 2024 13:12

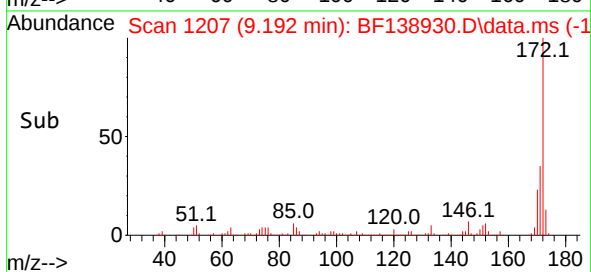
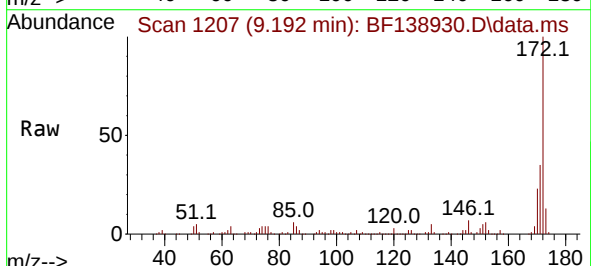
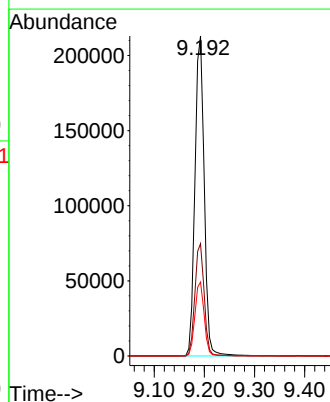
Tgt Ion:172 Resp: 273487

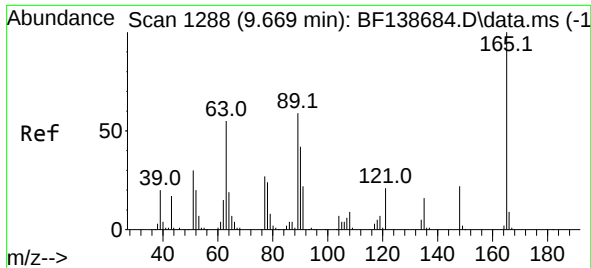
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.1 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.710 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138930.D

Acq: 12 Aug 2024 13:12

Instrument :

BNA_F

ClientSampleId :

OU4-CF-11-080624

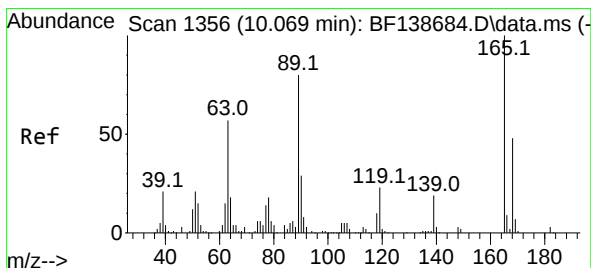
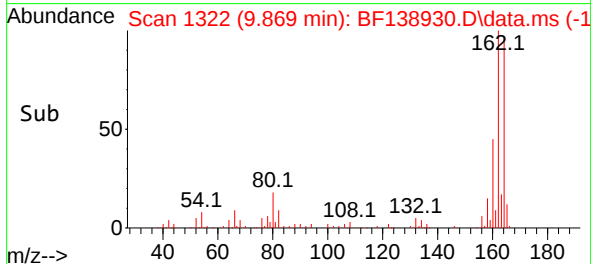
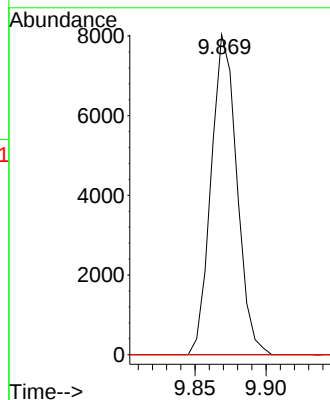
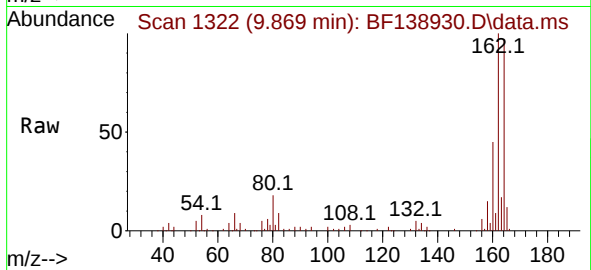
Tgt Ion:165 Resp: 10140

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.827 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF138930.D

Acq: 12 Aug 2024 13:12

Tgt Ion:165 Resp: 10140

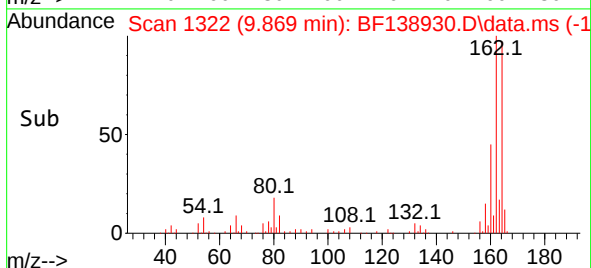
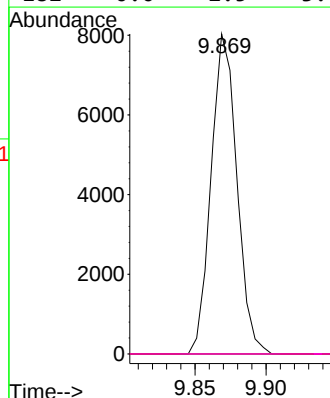
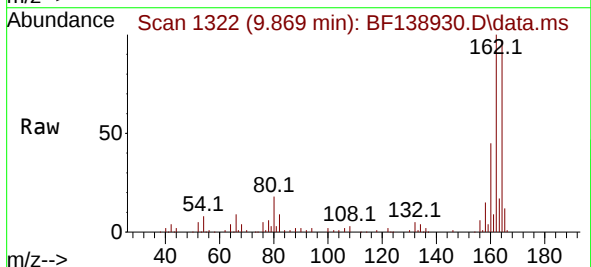
Ion Ratio Lower Upper

165 100

63 0.0 46.3 69.5#

89 0.0 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138930.D

Acq: 12 Aug 2024 13:12

Instrument :

BNA_F

ClientSampleId :

OU4-CF-11-080624

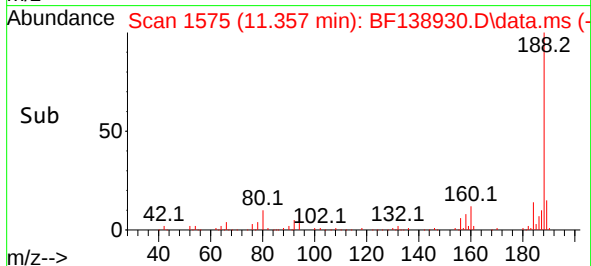
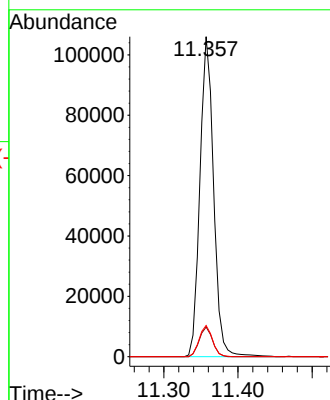
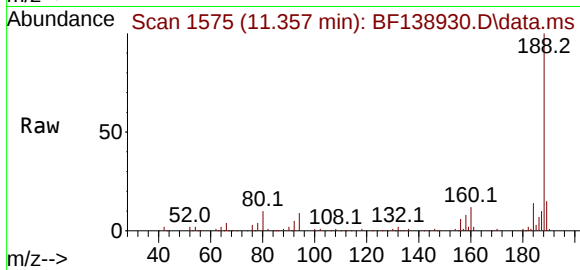
Tgt Ion:188 Resp: 135968

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.277 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138930.D

Acq: 12 Aug 2024 13:12

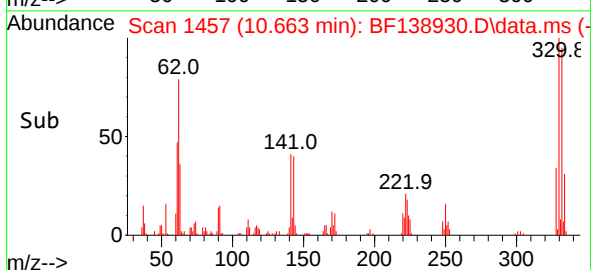
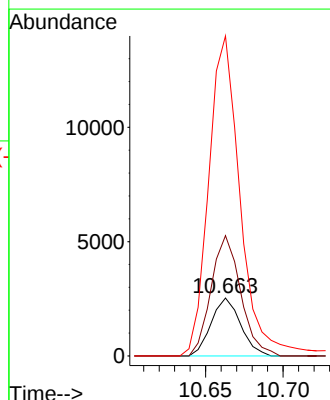
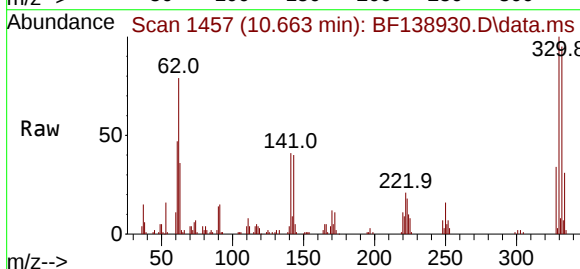
Tgt Ion:248 Resp: 3352

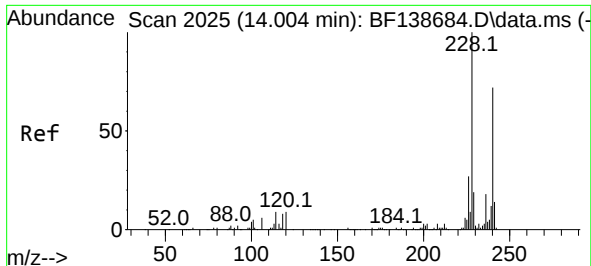
Ion Ratio Lower Upper

248 100

250 207.6 77.7 116.5#

141 552.1 68.0 102.0#

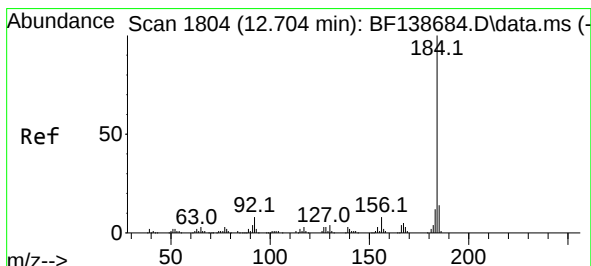
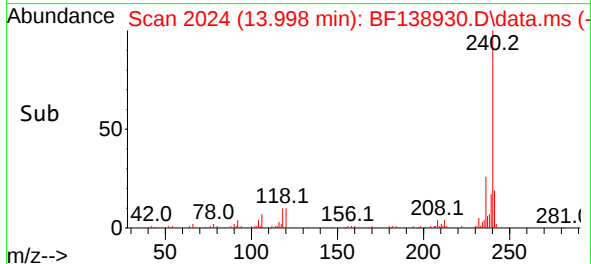
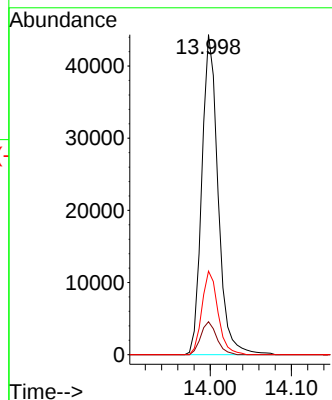
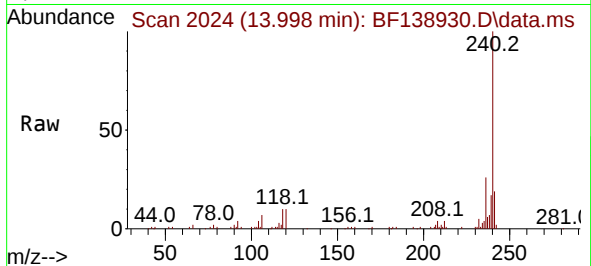




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

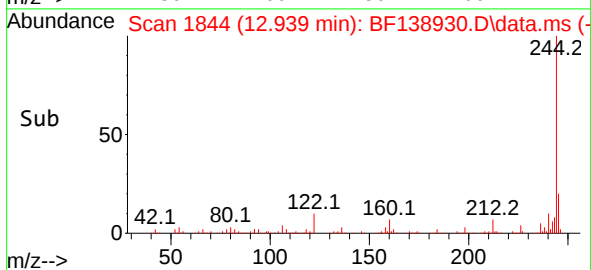
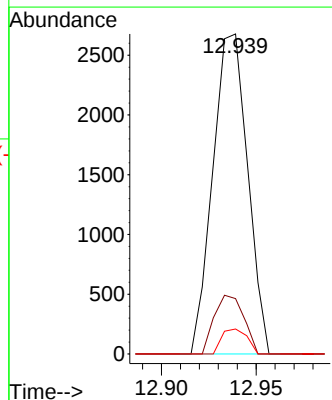
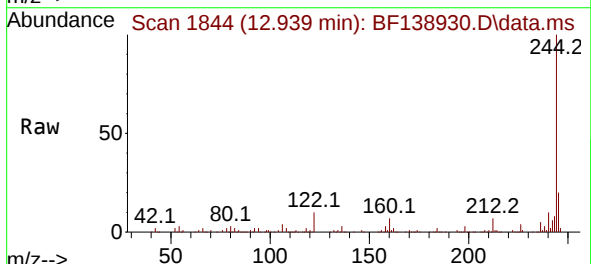
Instrument :
BNA_F
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OU4-CF-11-080624

Tgt Ion:240 Resp: 61639
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 26.1 19.8 29.8



#77
Benzidine
Concen: 2.326 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

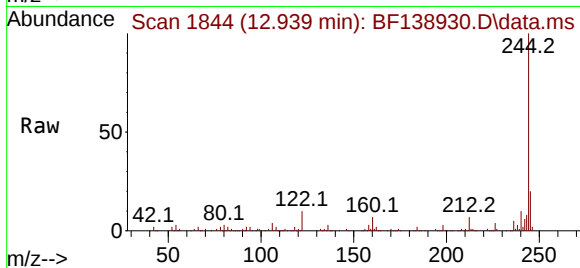
Tgt Ion:184 Resp: 3429
Ion Ratio Lower Upper
184 100
185 17.3 11.1 16.7#
183 7.8 9.6 14.4#



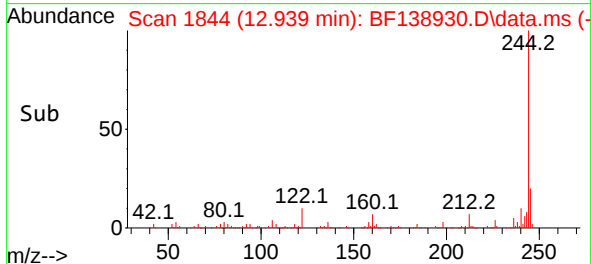
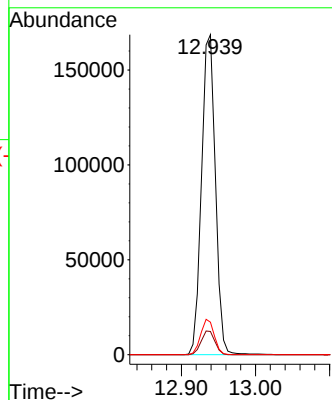


#79
Terphenyl-d14
Concen: 59.553 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

Instrument :
BNA_F
ClientSampleId :
OU4-CF-11-080624



Tgt Ion:244 Resp: 219248
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.2 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138930.D
Acq: 12 Aug 2024 13:12

Tgt Ion:264 Resp: 71373
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 22.0 17.0 25.6

