

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138963.D
 Acq On : 13 Aug 2024 05:54
 Operator : RC/JU
 Sample : P3474-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A2-COMP

Quant Time: Aug 13 06:24:00 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)

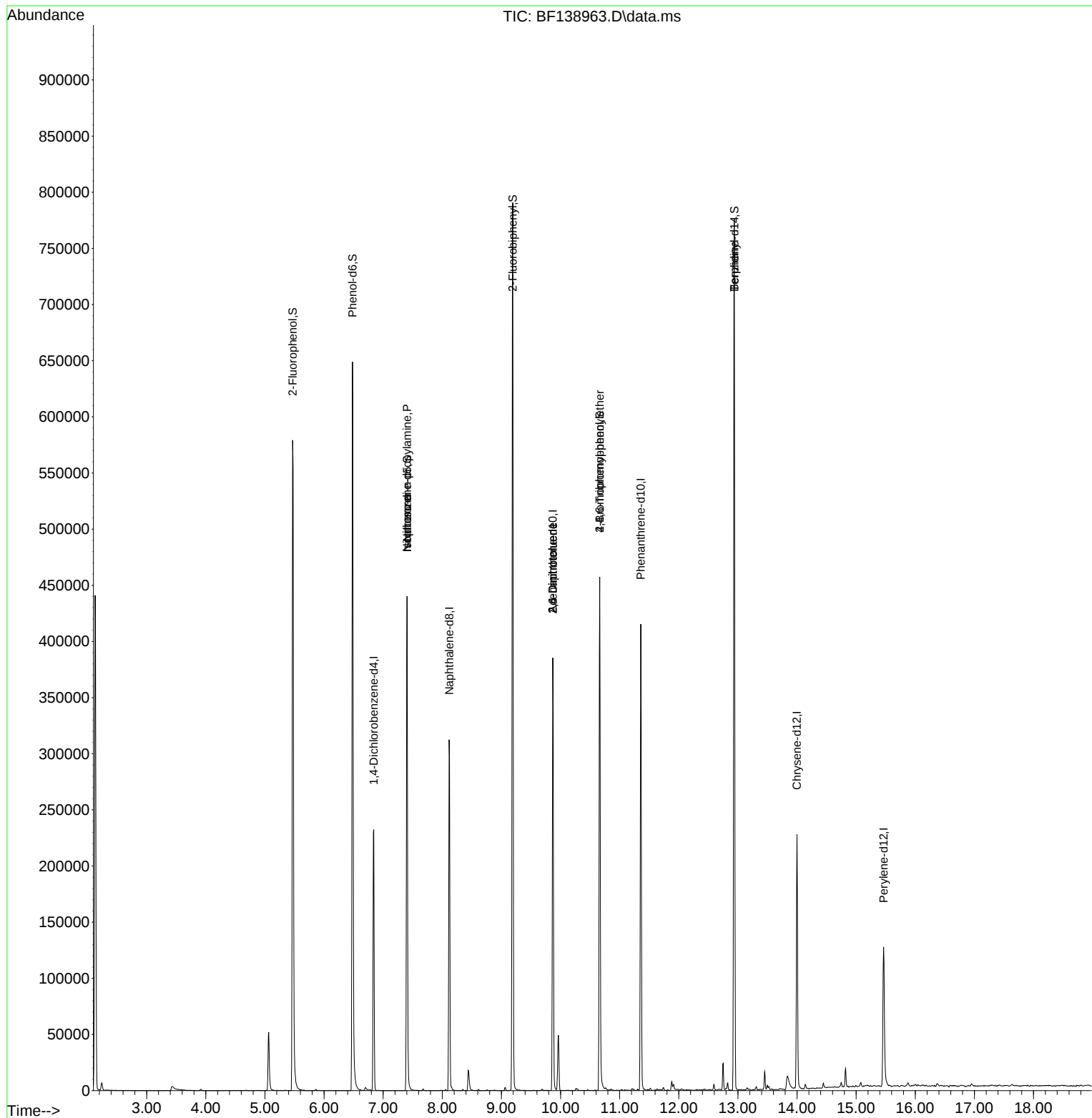
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	44477	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	190949	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	114390	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	208244	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	110393	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	85868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	207130	71.888	ng	0.00
7) Phenol-d6	6.481	99	282456	73.016	ng	0.00
23) Nitrobenzene-d5	7.404	82	183952	47.100	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	65840	70.266	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	335275	44.038	ng	-0.01
79) Terphenyl-d14	12.939	244	359624	54.542	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	25776	11.032	ng	# 82
25) Isophorone	7.404	82	183951	27.583	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	14221	8.615	ng	# 20
57) 2,4-Dinitrotoluene	9.869	165	14221	6.753	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	4881	2.165	ng	# 1
77) Benzidine	12.939	184	5379	2.037	ng	# 94

(#) = 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
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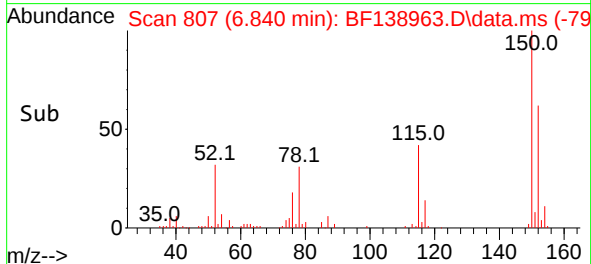
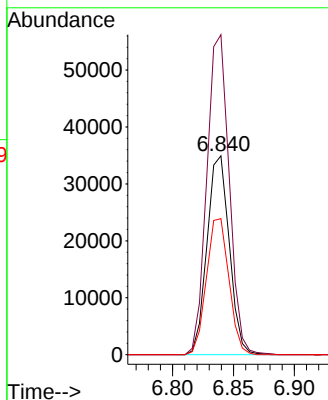
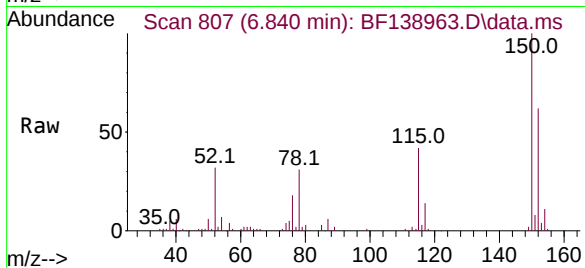




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138963.D
Acq: 13 Aug 2024 05:54

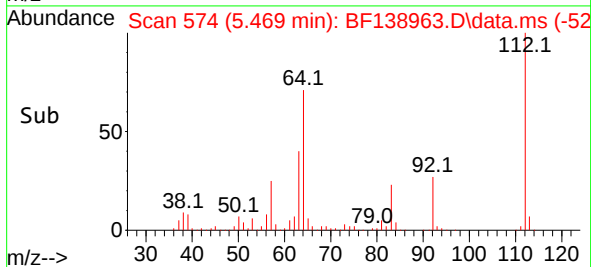
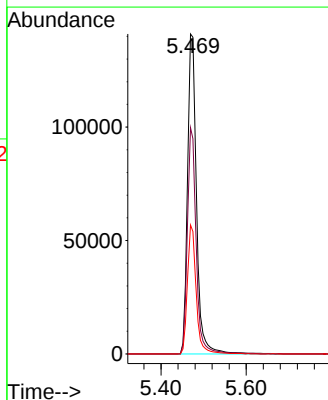
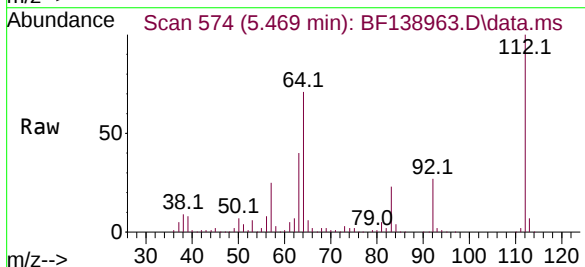
Instrument :
BNA_F
ClientSampleId :
WC-A2-COMP

Tgt Ion:152 Resp: 44477
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 68.4 51.7 77.5



#5
2-Fluorophenol
Concen: 71.888 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138963.D
Acq: 13 Aug 2024 05:54

Tgt Ion:112 Resp: 207130
Ion Ratio Lower Upper
112 100
64 70.7 54.2 81.4
63 40.3 28.7 43.1

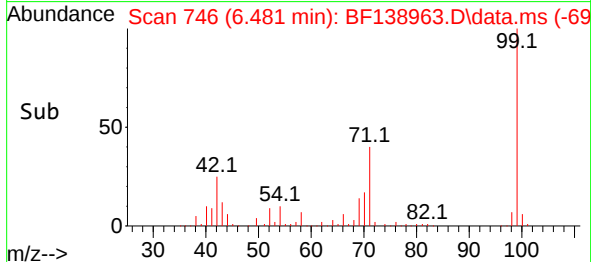
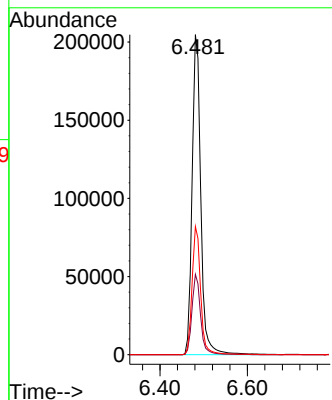
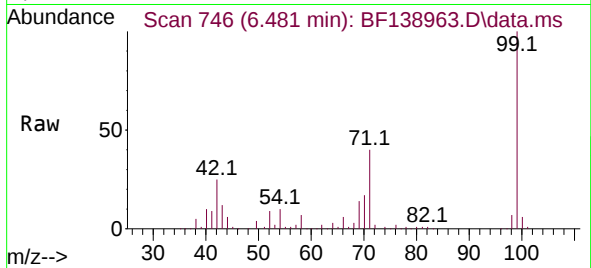




#7
Phenol-d6
Concen: 73.016 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138963.D
Acq: 13 Aug 2024 05:54

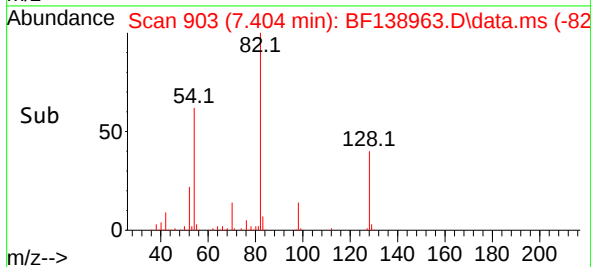
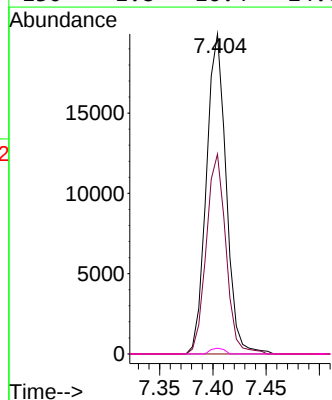
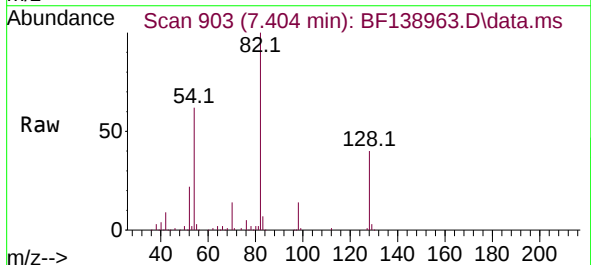
Instrument :
BNA_F
ClientSampleId :
WC-A2-COMP

Tgt Ion: 99 Resp: 282456
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.032 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138963.D
Acq: 13 Aug 2024 05:54

Tgt Ion: 70 Resp: 25776
Ion Ratio Lower Upper
70 100
42 62.5 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138963.D

Acq: 13 Aug 2024 05:54

Instrument :

BNA_F

ClientSampleId :

WC-A2-COMP

Tgt Ion:136 Resp: 190949

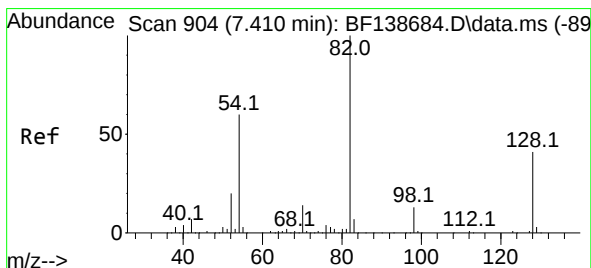
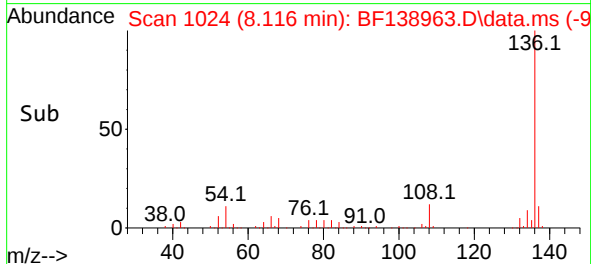
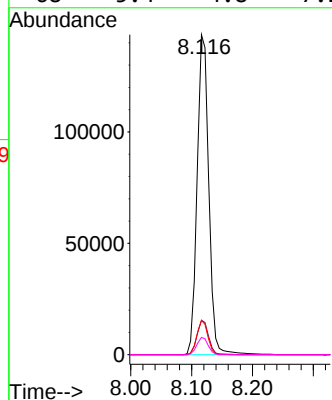
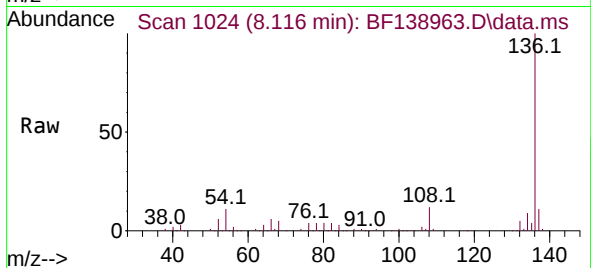
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.7 8.6 12.8

68 5.4 4.8 7.2



#23

Nitrobenzene-d5

Concen: 47.100 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138963.D

Acq: 13 Aug 2024 05:54

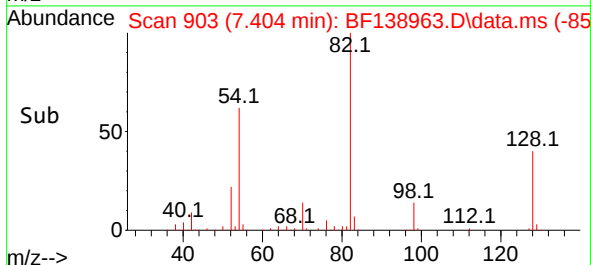
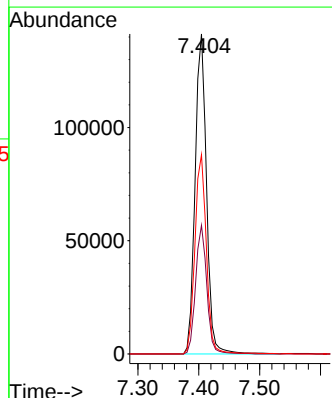
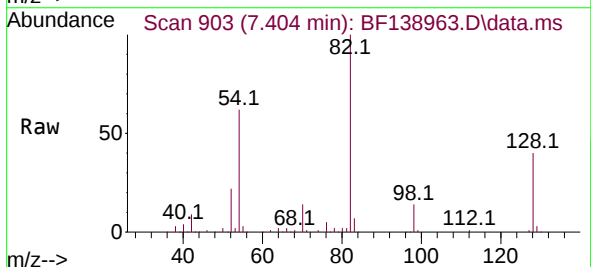
Tgt Ion: 82 Resp: 183952

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 62.3 48.3 72.5

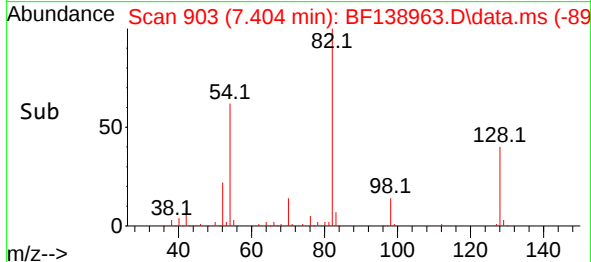
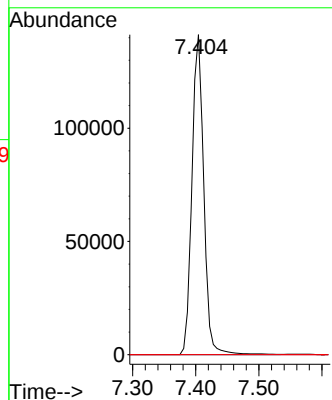
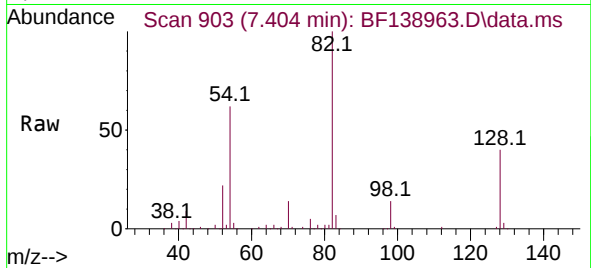




#25
Isophorone
Concen: 27.583 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138963.D
Acq: 13 Aug 2024 05:54

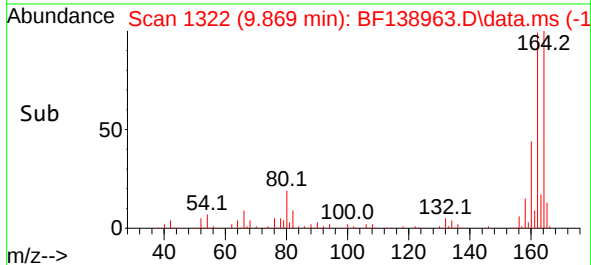
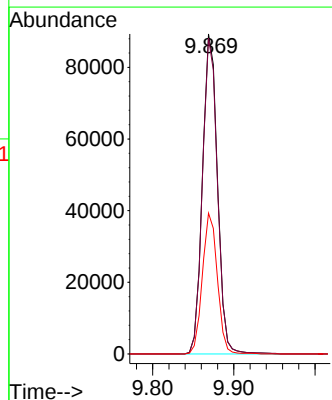
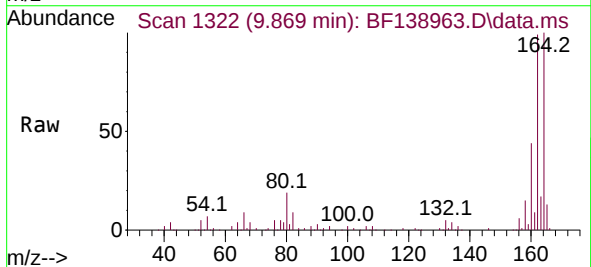
Instrument :
BNA_F
ClientSampleId :
WC-A2-COMP

Tgt Ion: 82 Resp: 183951
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: BF138963.D
Acq: 13 Aug 2024 05:54

Tgt Ion:164 Resp: 114390
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 70.266 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138963.D

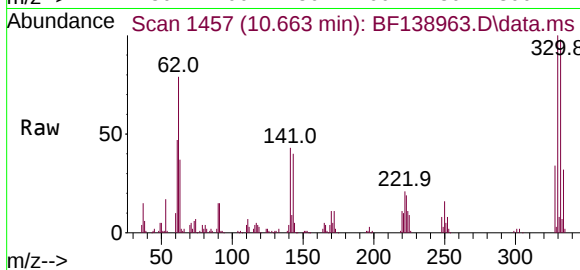
Acq: 13 Aug 2024 05:54

Instrument :

BNA_F

ClientSampleId :

WC-A2-COMP



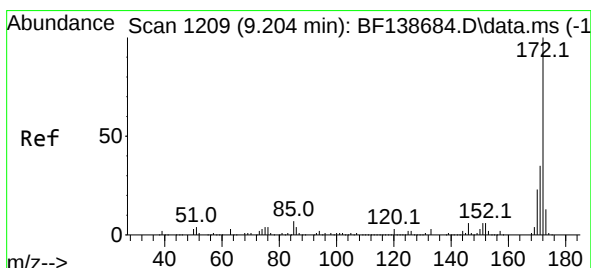
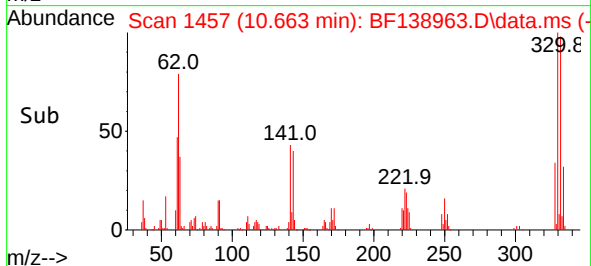
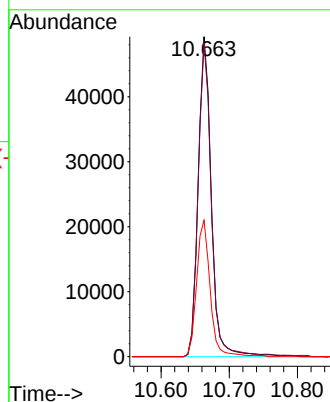
Tgt Ion:330 Resp: 65840

Ion Ratio Lower Upper

330 100

332 98.4 76.4 114.6

141 43.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 44.038 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138963.D

Acq: 13 Aug 2024 05:54

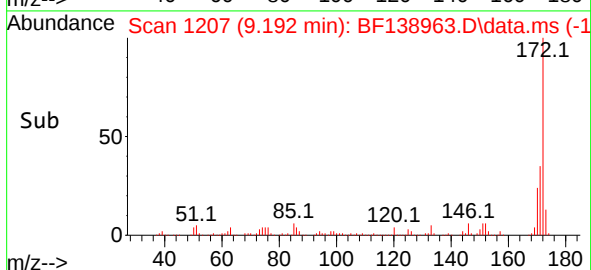
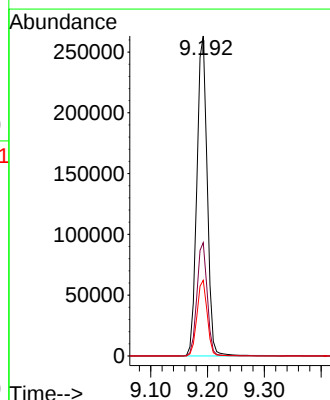
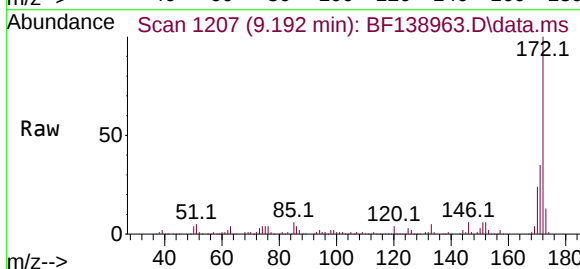
Tgt Ion:172 Resp: 335275

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.615 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138963.D

Acq: 13 Aug 2024 05:54

Instrument :

BNA_F

ClientSampleId :

WC-A2-COMP

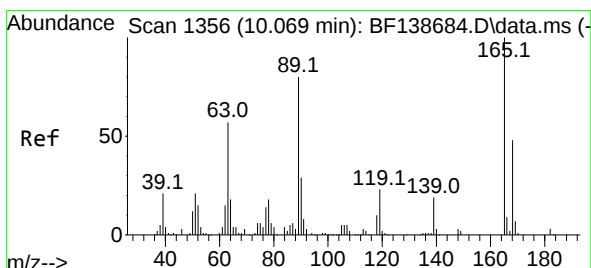
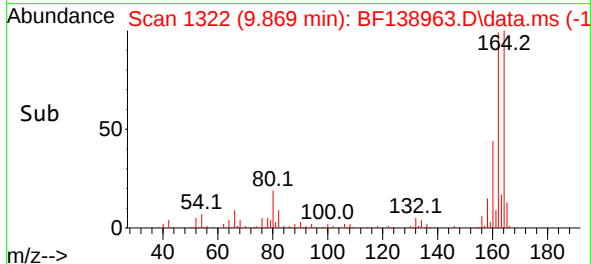
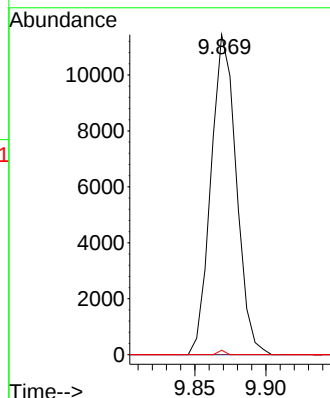
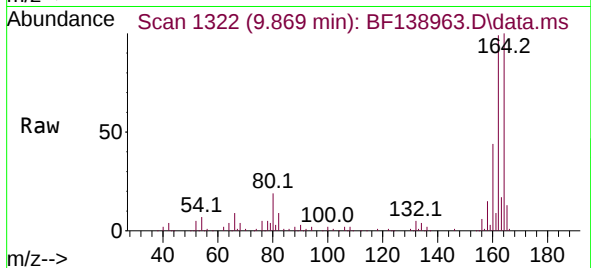
Tgt Ion:165 Resp: 14221

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 1.4 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.753 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF138963.D

Acq: 13 Aug 2024 05:54

Tgt Ion:165 Resp: 14221

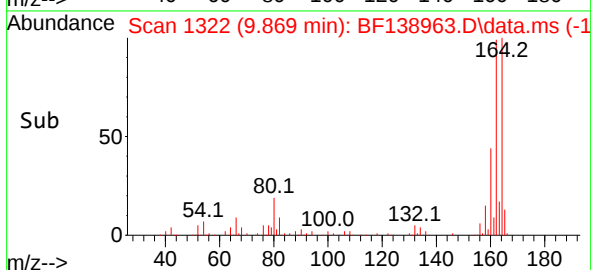
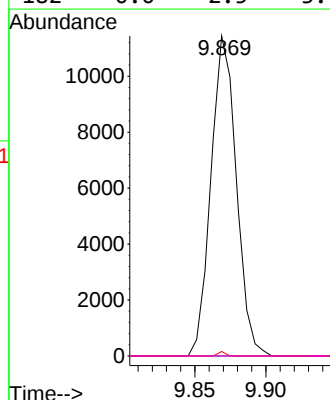
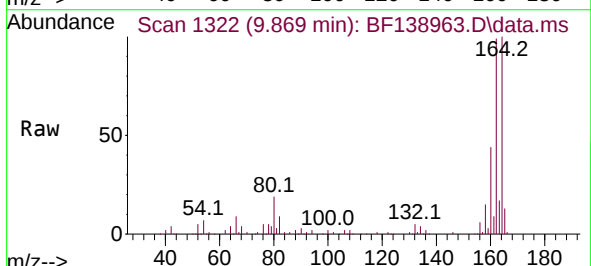
Ion Ratio Lower Upper

165 100

63 0.0 46.3 69.5#

89 1.4 64.2 96.4#

182 0.0 2.5 3.7#

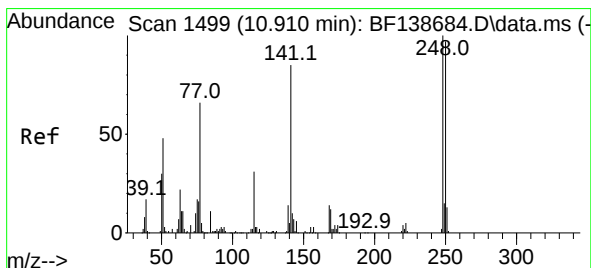
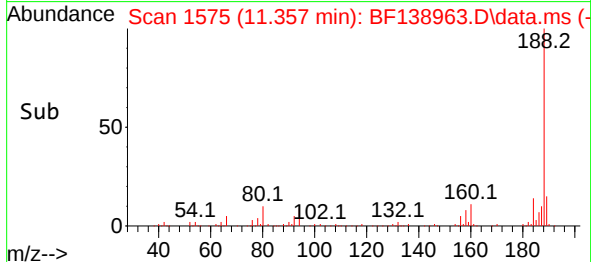
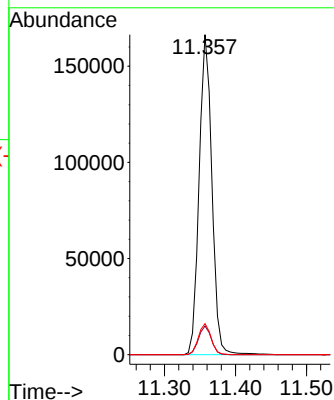
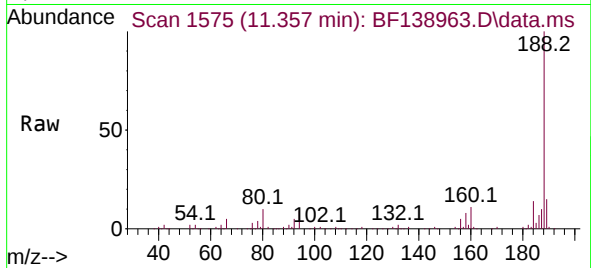




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138963.D
Acq: 13 Aug 2024 05:54

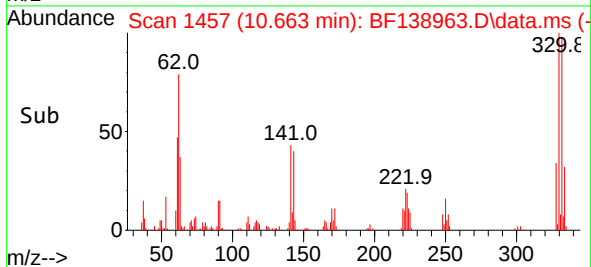
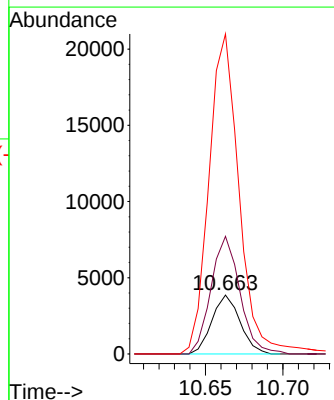
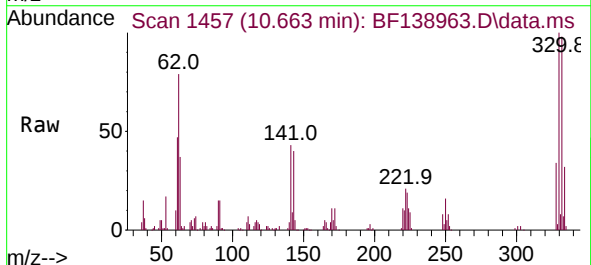
Instrument :
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Tgt Ion:188 Resp: 208244
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.7 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 2.165 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138963.D
Acq: 13 Aug 2024 05:54

Tgt Ion:248 Resp: 4881
Ion Ratio Lower Upper
248 100
250 200.0 77.7 116.5#
141 544.0 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: BF138963.D

Acq: 13 Aug 2024 05:54

Instrument :

BNA_F

ClientSampleId :

WC-A2-COMP

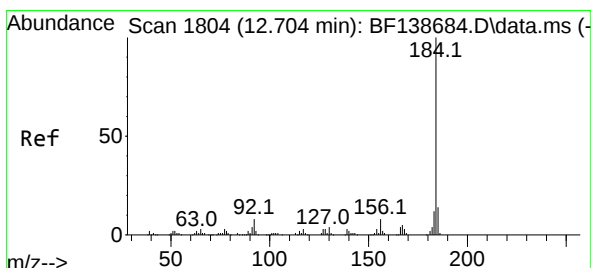
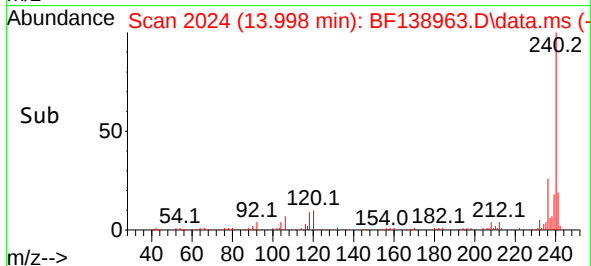
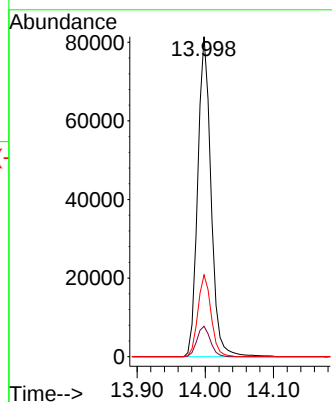
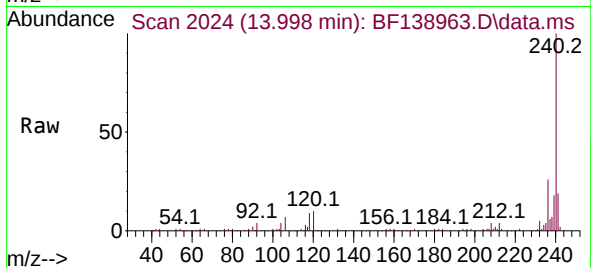
Tgt Ion:240 Resp: 110393

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.5 19.8 29.8



#77

Benzidine

Concen: 2.037 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138963.D

Acq: 13 Aug 2024 05:54

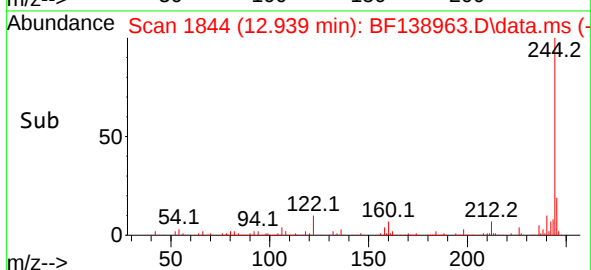
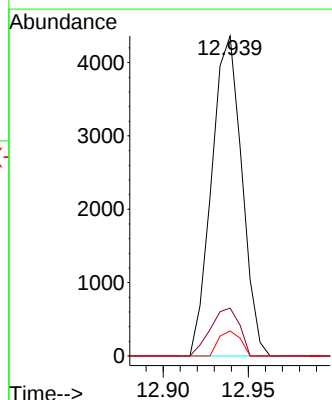
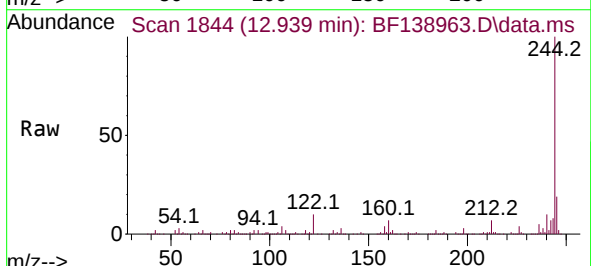
Tgt Ion:184 Resp: 5379

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

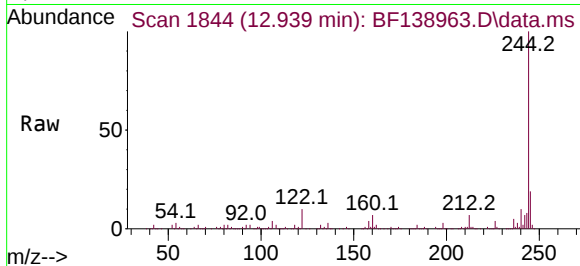
183 7.8 9.6 14.4#



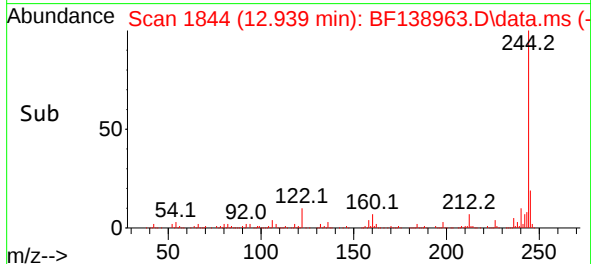
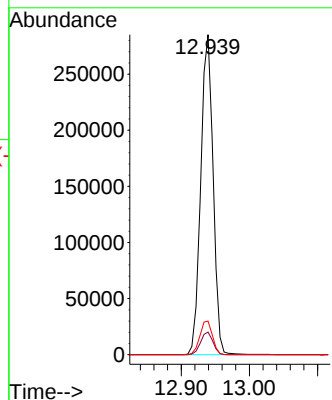


#79
 Terphenyl-d14
 Concen: 54.542 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138963.D
 Acq: 13 Aug 2024 05:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-A2-COMP



Tgt Ion:244 Resp: 359624
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138963.D
 Acq: 13 Aug 2024 05:54

Tgt Ion:264 Resp: 85868
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.9 17.0 25.6

