

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138883.D
 Acq On : 09 Aug 2024 11:52
 Operator : RC/JU
 Sample : PB162423BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162423BL

Quant Time: Aug 09 12:30:19 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)

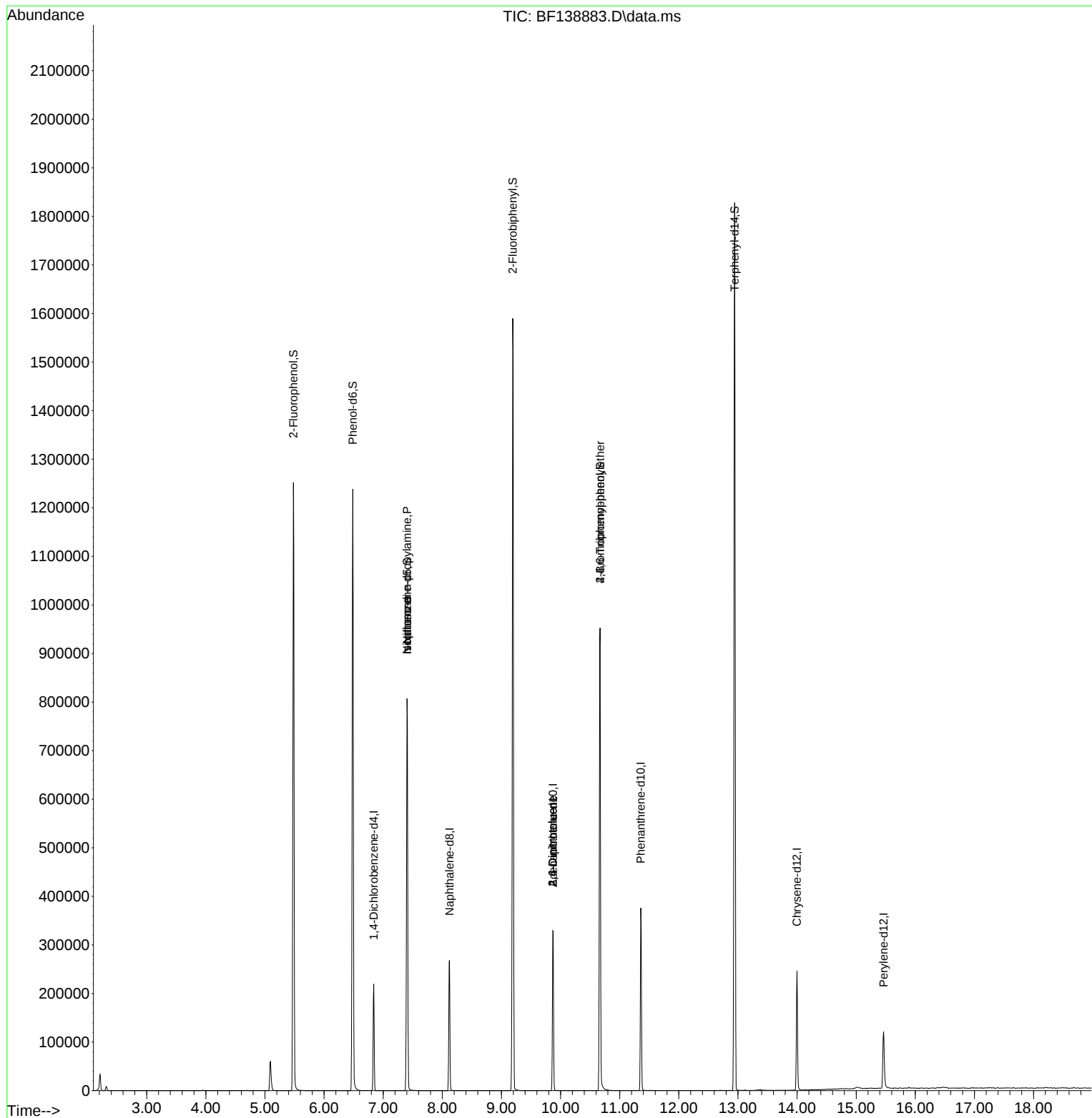
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	40879	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	169292	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	101270	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	195894	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	116610	20.000	ng	0.00
86) Perylene-d12	15.463	264	79046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	425919	160.833	ng	0.01
7) Phenol-d6	6.487	99	571773	160.814	ng	0.00
23) Nitrobenzene-d5	7.404	82	372319	107.525	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	148717	179.277	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	713549	105.866	ng	-0.01
79) Terphenyl-d14	12.945	244	896366	128.699	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	51907	24.172	ng	# 76
25) Isophorone	7.404	82	369530	62.499	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12617	8.634	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	12617	6.767	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	10877	5.128	ng	# 1

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

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Quant Time: Aug 09 12:30:19 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
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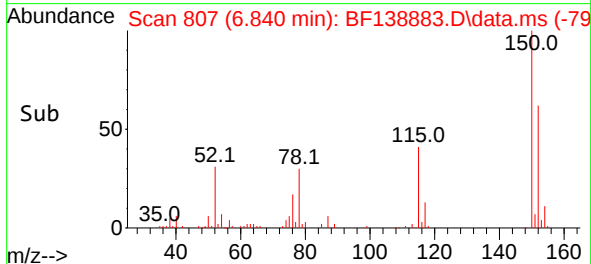
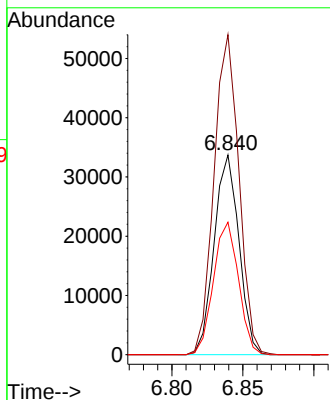
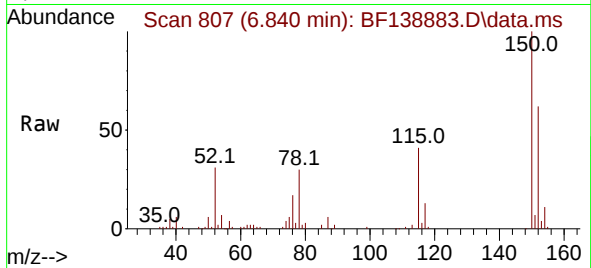




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

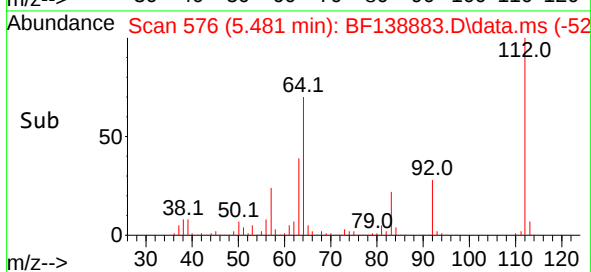
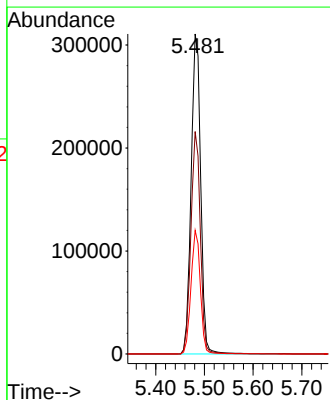
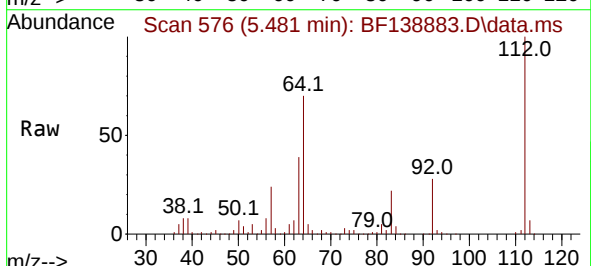
Instrument :
BNA_F
ClientSampleId :
PB162423BL

Tgt Ion:152 Resp: 40879
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 160.833 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

Tgt Ion:112 Resp: 425919
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 38.6 28.7 43.1





#7

Phenol-d6

Concen: 160.814 ng

RT: 6.487 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF138883.D

Acq: 09 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB162423BL

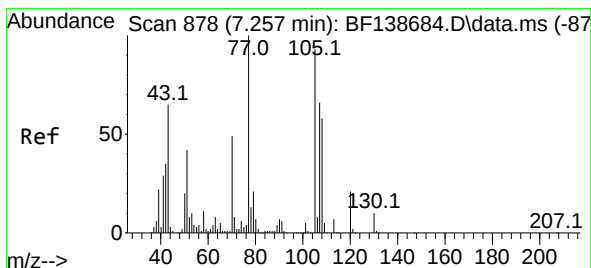
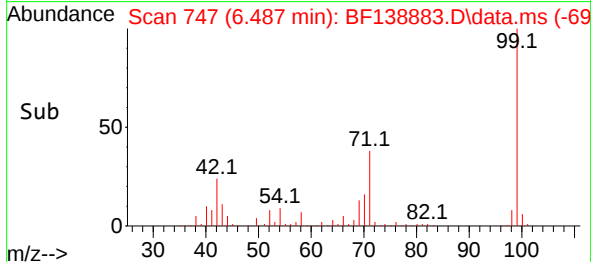
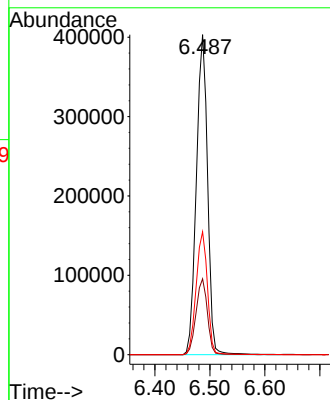
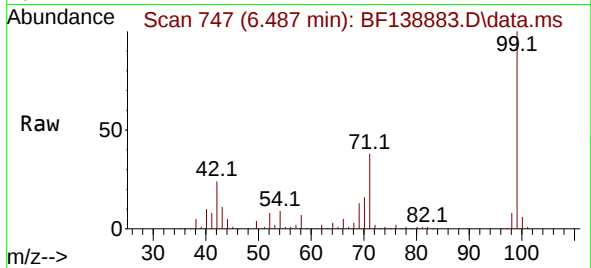
Tgt Ion: 99 Resp: 571773

Ion Ratio Lower Upper

99 100

42 23.7 17.4 26.0

71 38.4 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 24.172 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.147 min

Lab File: BF138883.D

Acq: 09 Aug 2024 11:52

Tgt Ion: 70 Resp: 51907

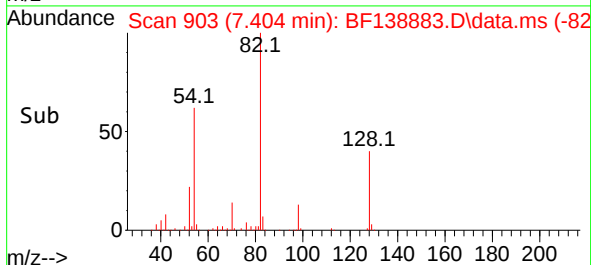
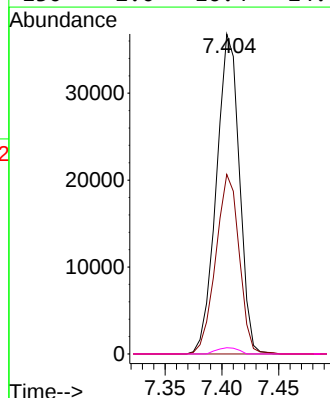
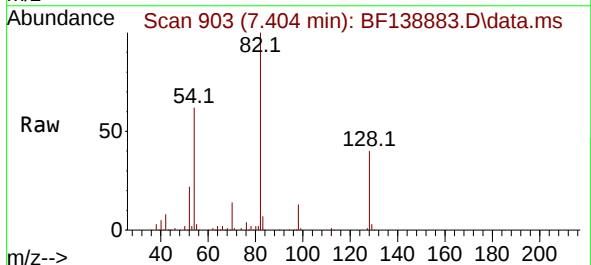
Ion Ratio Lower Upper

70 100

42 56.1 57.4 86.0#

101 0.0 7.5 11.3#

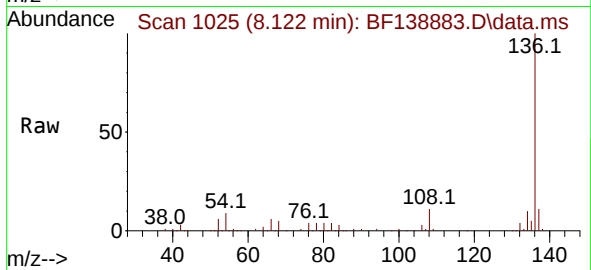
130 2.0 16.4 24.6#



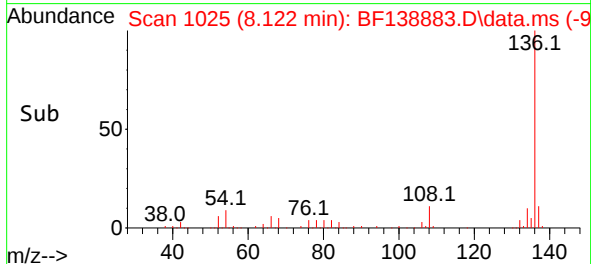
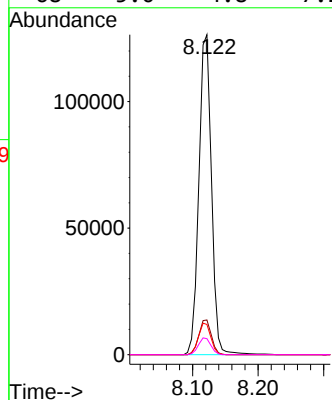


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB162423BL

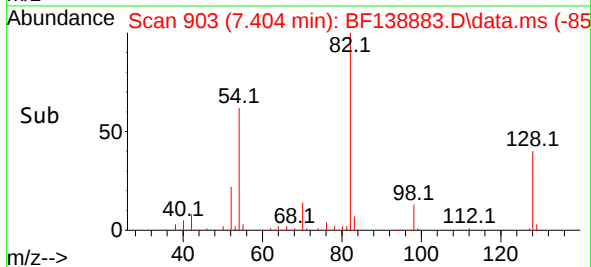
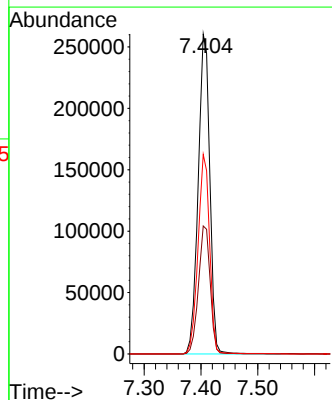
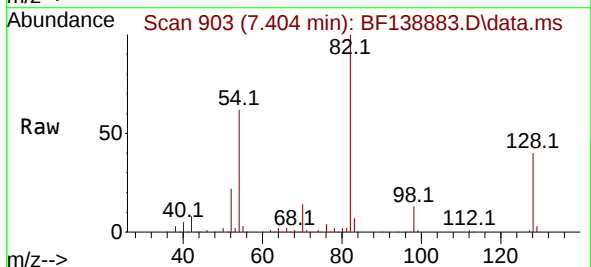


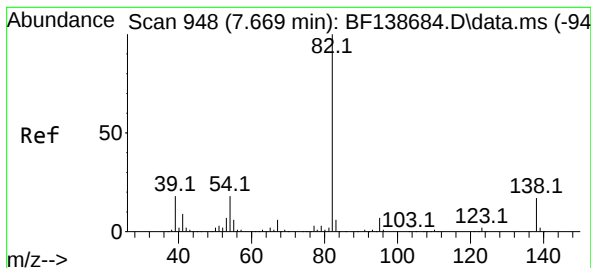
Tgt Ion:136 Resp: 169292
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.5 8.6 12.8
68 5.0 4.8 7.2



#23
Nitrobenzene-d5
Concen: 107.525 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

Tgt Ion: 82 Resp: 372319
Ion Ratio Lower Upper
82 100
128 40.0 32.8 49.2
54 62.4 48.3 72.5





#25

Isophorone

Concen: 62.499 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.265 min

Lab File: BF138883.D

Acq: 09 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB162423BL

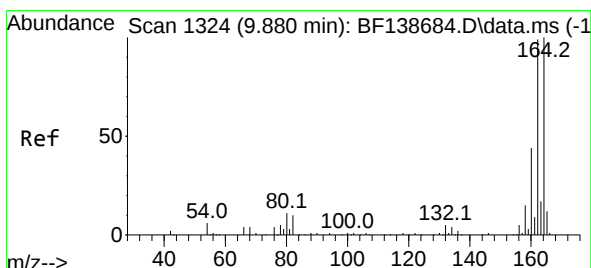
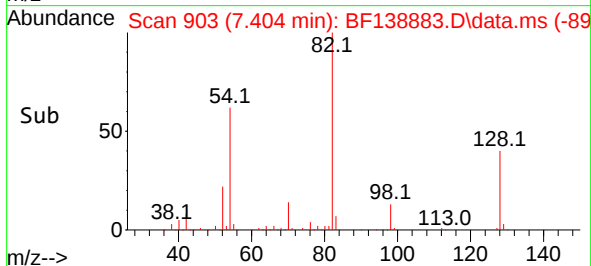
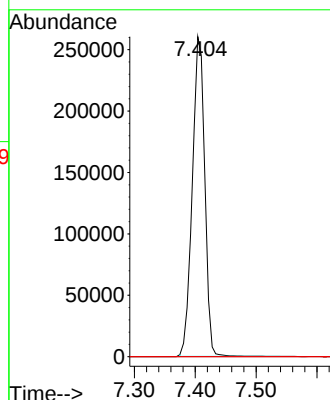
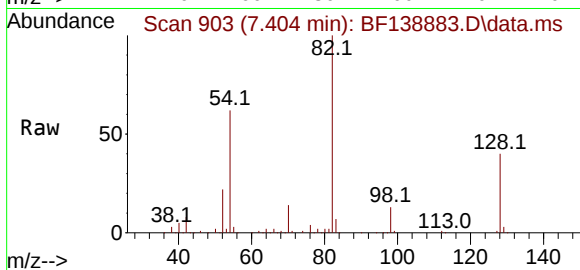
Tgt Ion: 82 Resp: 369530

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: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138883.D

Acq: 09 Aug 2024 11:52

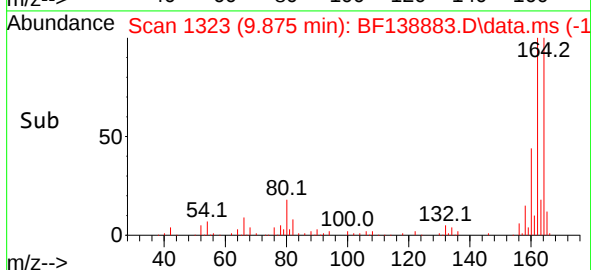
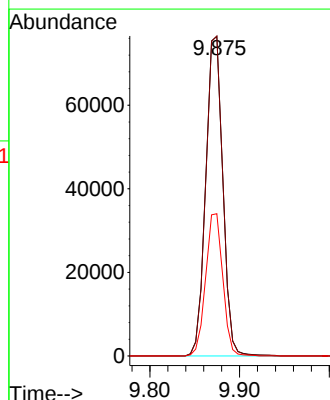
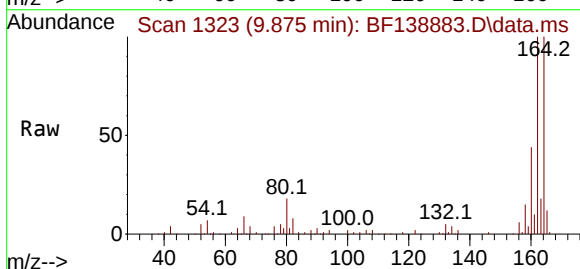
Tgt Ion:164 Resp: 101270

Ion Ratio Lower Upper

164 100

162 100.2 79.4 119.0

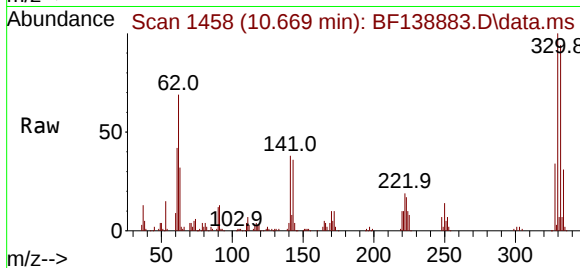
160 44.5 35.1 52.7



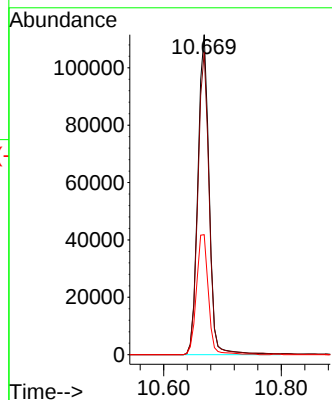
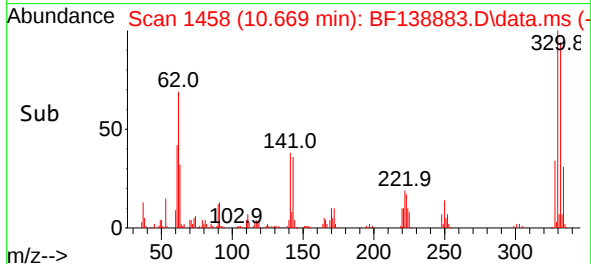


#42
2,4,6-Tribromophenol
Concen: 179.277 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

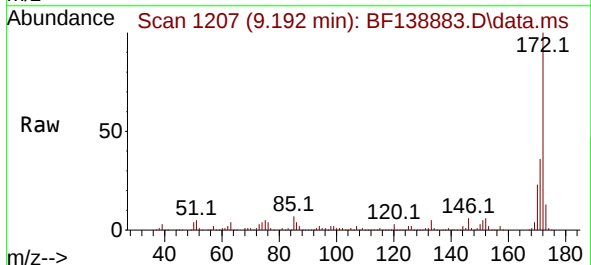
Instrument :
BNA_F
ClientSampleId :
PB162423BL



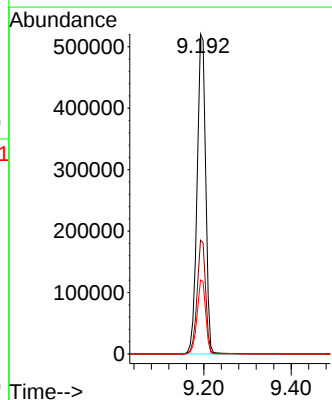
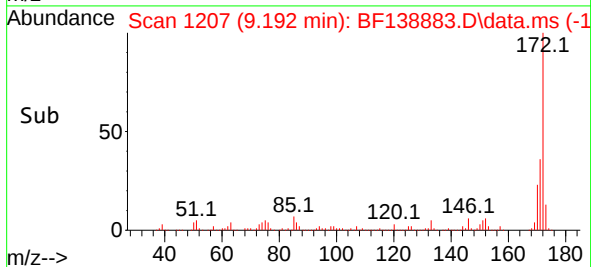
Tgt Ion:330 Resp: 148717
Ion Ratio Lower Upper
330 100
332 94.2 76.4 114.6
141 39.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 105.866 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52



Tgt Ion:172 Resp: 713549
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 18.8 28.2

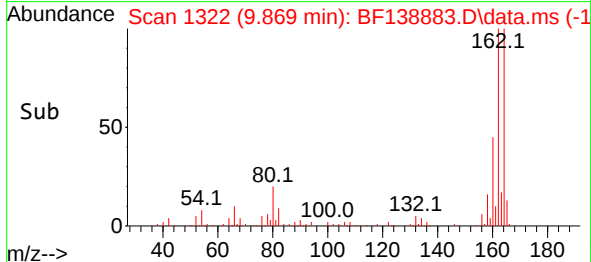
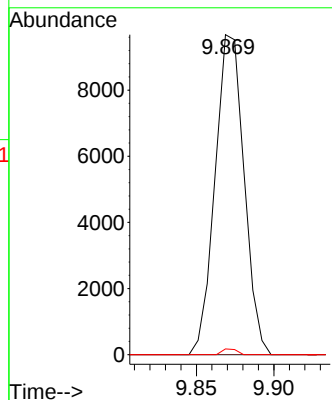
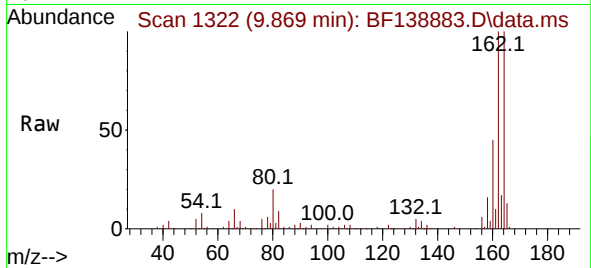




#51
2,6-Dinitrotoluene
Concen: 8.634 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

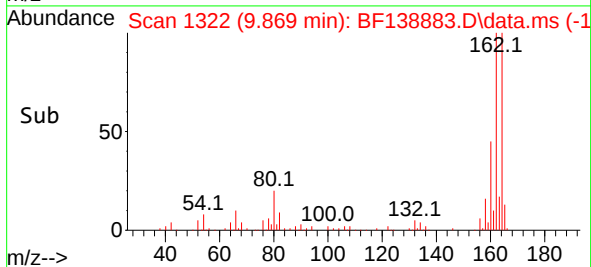
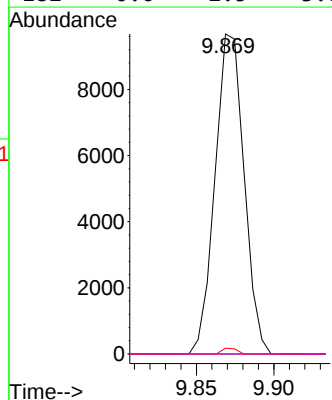
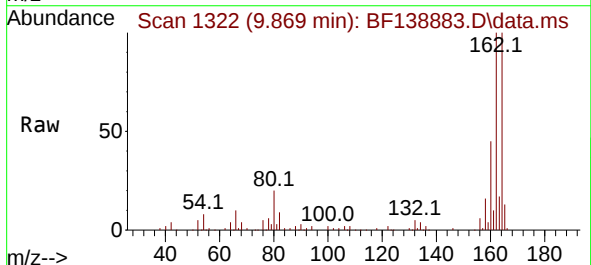
Instrument :
BNA_F
ClientSampleId :
PB162423BL

Tgt Ion:165 Resp: 12617
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.767 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

Tgt Ion:165 Resp: 12617
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.8 64.2 96.4#
182 0.0 2.5 3.7#

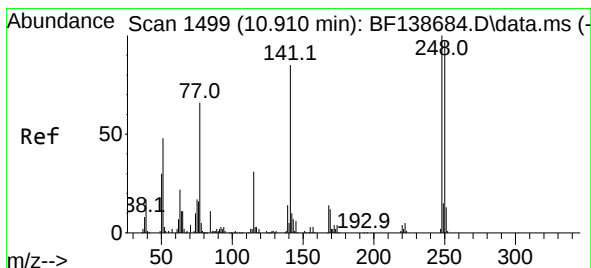
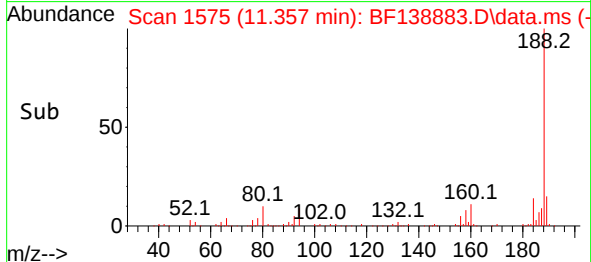
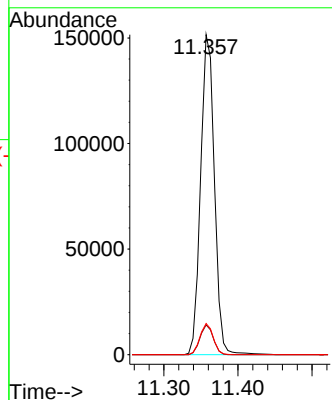
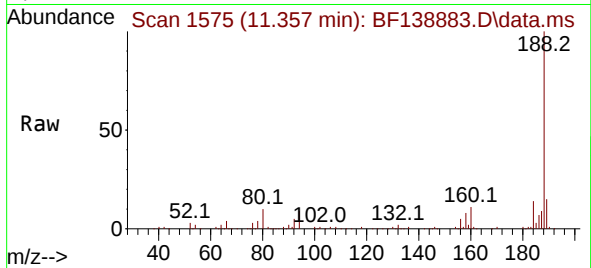




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

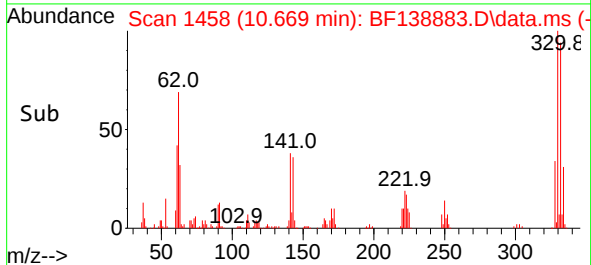
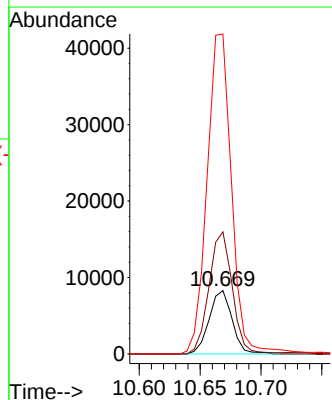
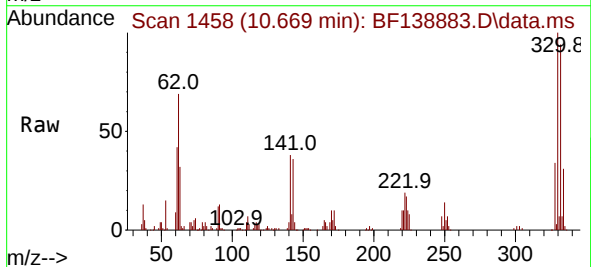
Instrument :
BNA_F
ClientSampleId :
PB162423BL

Tgt Ion:188 Resp: 195894
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.8 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.128 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138883.D
Acq: 09 Aug 2024 11:52

Tgt Ion:248 Resp: 10877
Ion Ratio Lower Upper
248 100
250 192.8 77.7 116.5#
141 505.0 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: BF138883.D

Acq: 09 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB162423BL

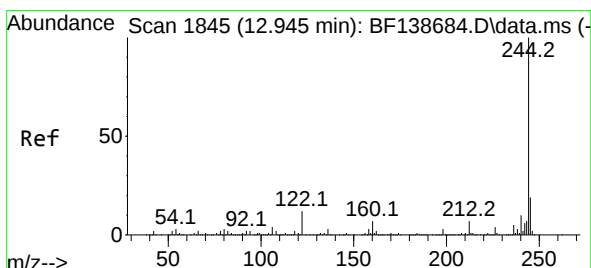
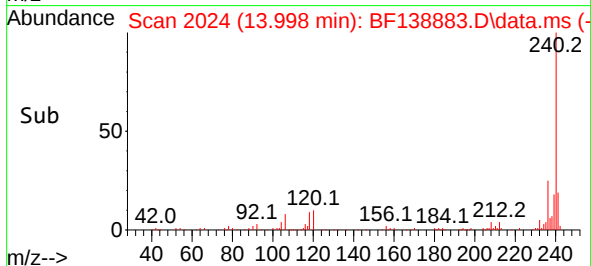
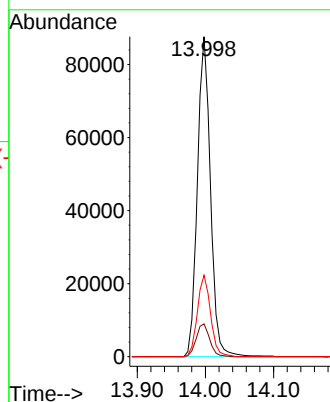
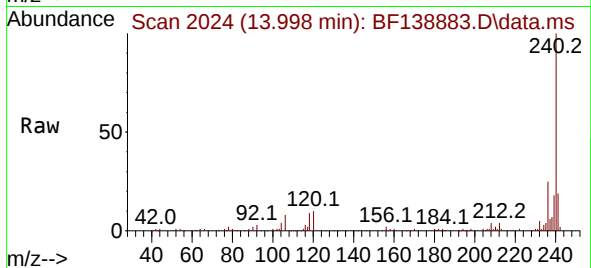
Tgt Ion:240 Resp: 116610

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 128.699 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138883.D

Acq: 09 Aug 2024 11:52

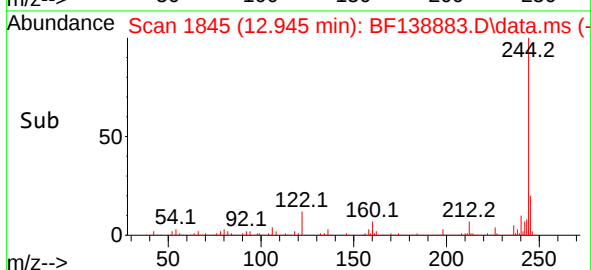
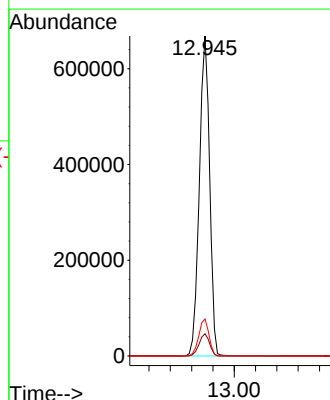
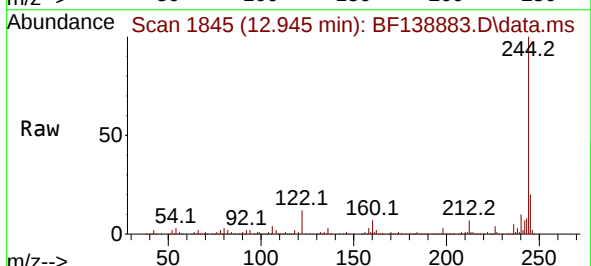
Tgt Ion:244 Resp: 896366

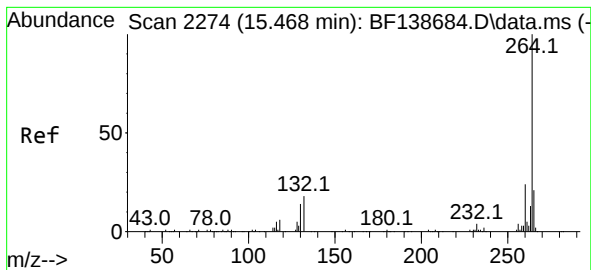
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.5 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138883.D

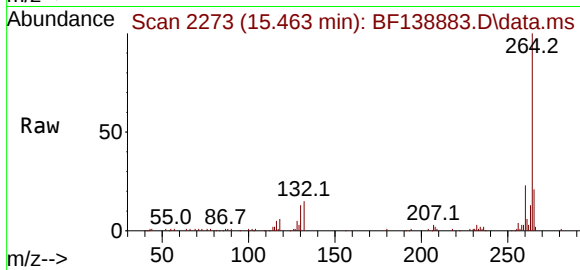
Acq: 09 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB162423BL



Tgt Ion:264 Resp: 79046

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 20.9 17.0 25.6

