

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138903.D
 Acq On : 10 Aug 2024 11:46
 Operator : RC/JU
 Sample : P3479-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS09

Quant Time: Aug 12 01:12:29 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)

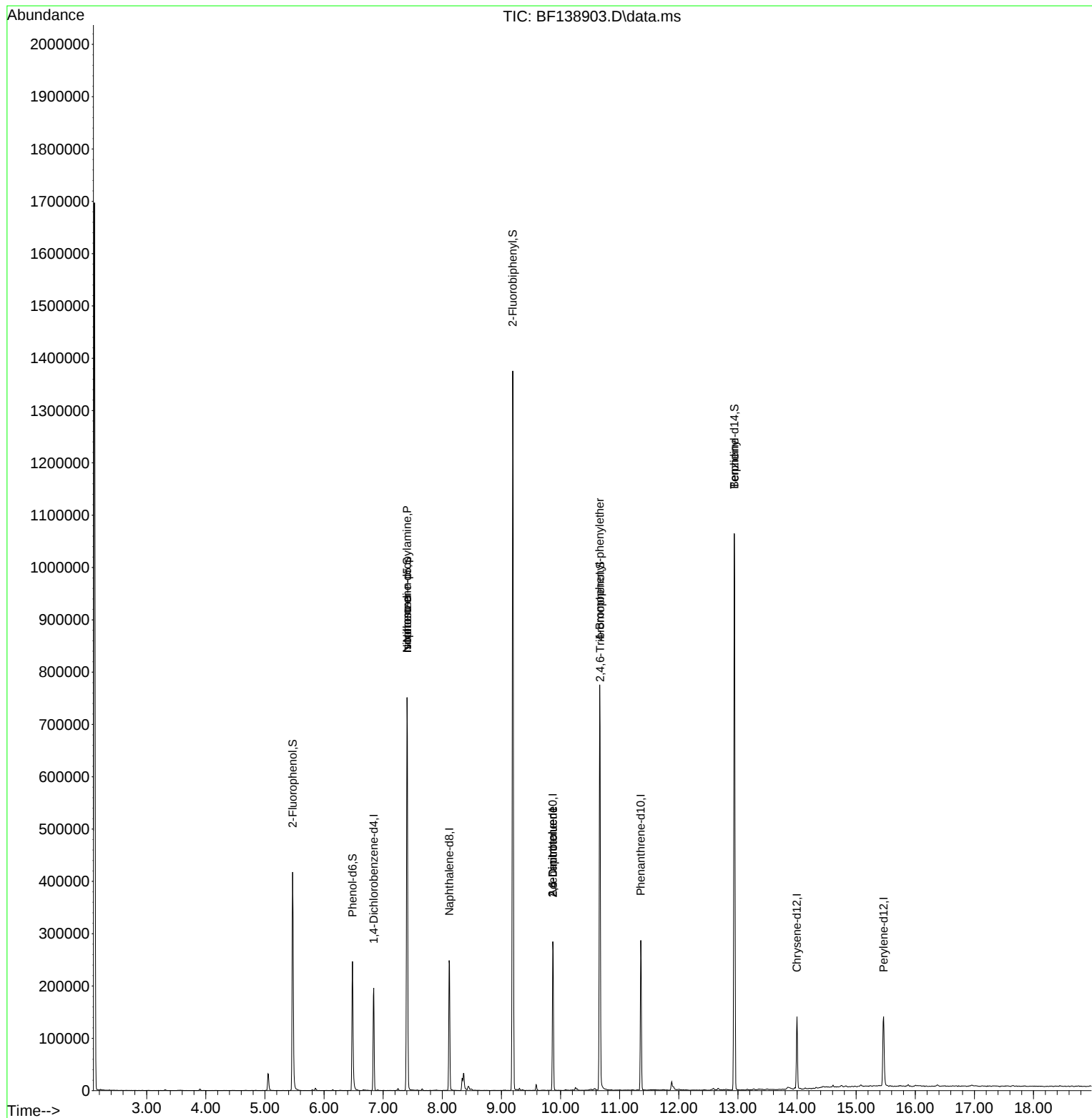
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	37445	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	149499	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	82973	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	141300	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64391	20.000	ng	0.00
86) Perylene-d12	15.463	264	80935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	141585	58.368	ng	0.00
7) Phenol-d6	6.481	99	110183	33.832	ng	0.00
23) Nitrobenzene-d5	7.404	82	329257	107.678	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	114374	168.281	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	582873	105.548	ng	-0.01
79) Terphenyl-d14	12.939	244	503167	130.831	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	44474	22.609	ng	# 77
25) Isophorone	7.404	82	329295	63.068	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11134	9.299	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11134	7.289	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	8060	5.269	ng	# 1
77) Benzydine	12.939	184	7096	4.607	ng	# 92

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

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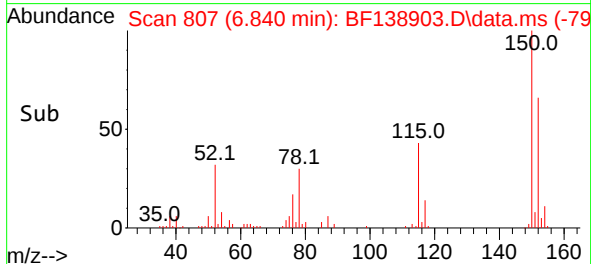
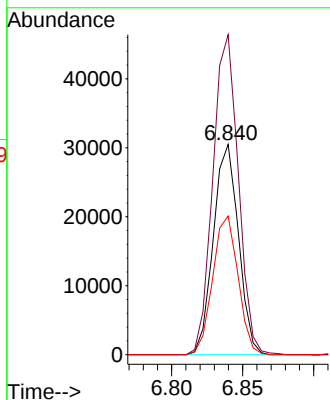
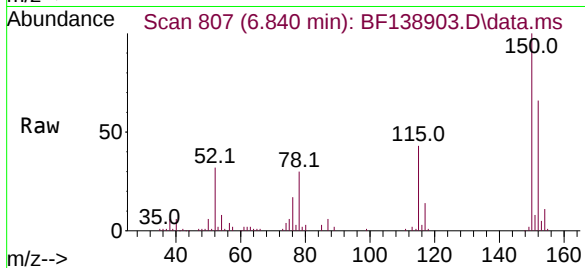




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

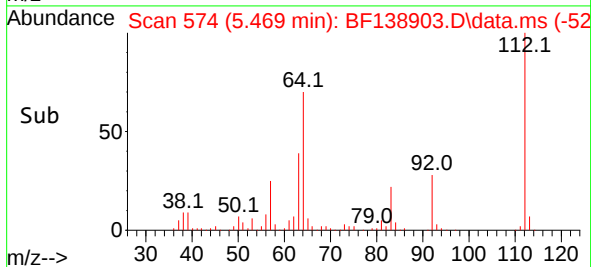
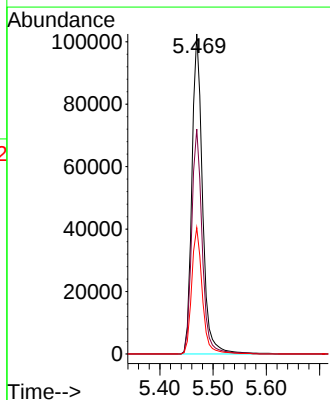
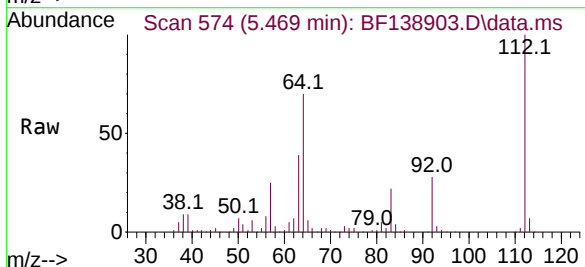
Instrument :
BNA_F
ClientSampleId :
TS09

Tgt Ion:152 Resp: 37445
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 66.0 51.7 77.5



#5
2-Fluorophenol
Concen: 58.368 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

Tgt Ion:112 Resp: 141585
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 39.5 28.7 43.1

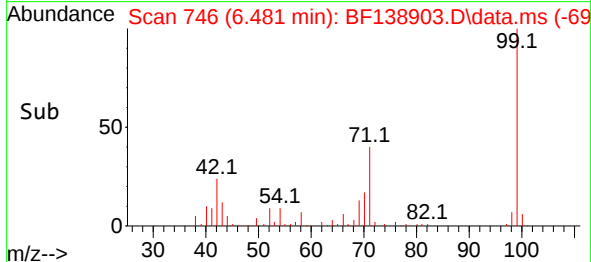
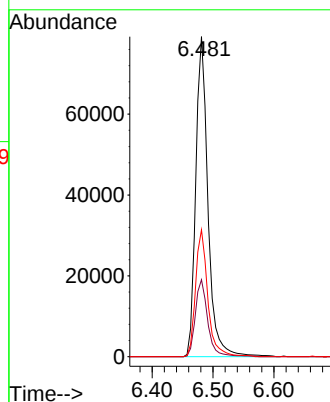
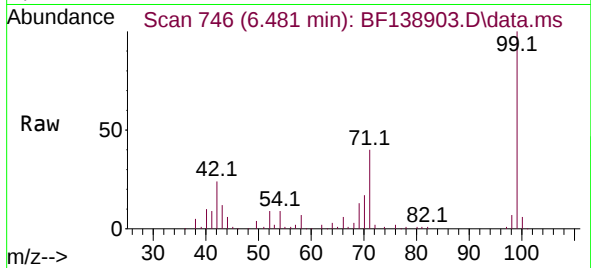




#7
Phenol-d6
Concen: 33.832 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

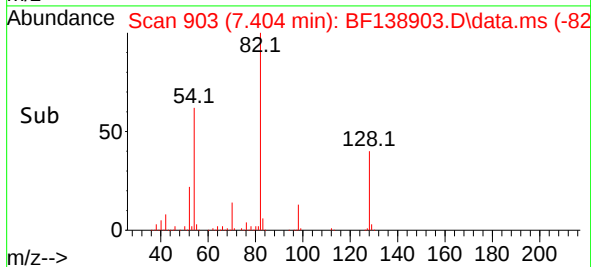
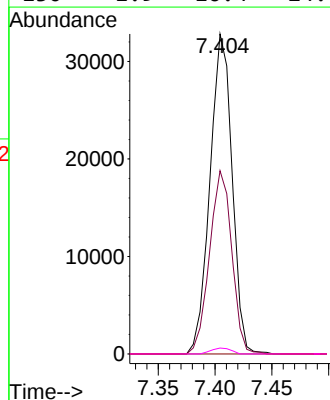
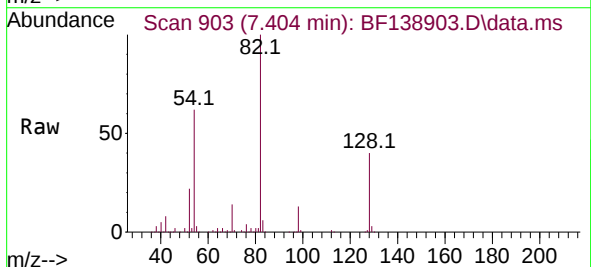
Instrument :
BNA_F
ClientSampleId :
TS09

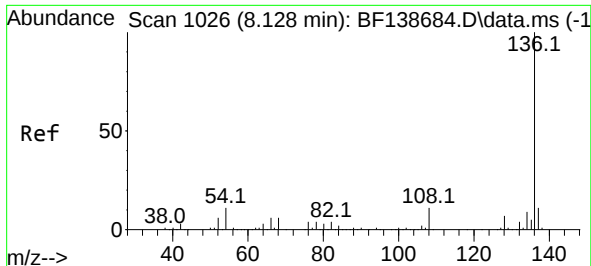
Tgt Ion: 99 Resp: 110183
Ion Ratio Lower Upper
99 100
42 24.0 17.4 26.0
71 39.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.609 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

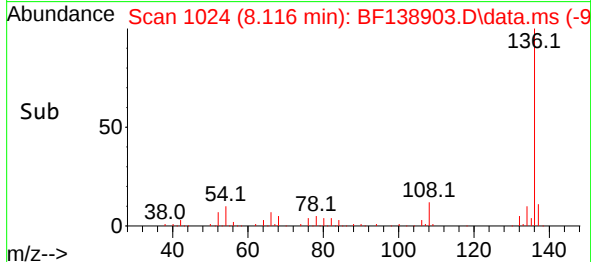
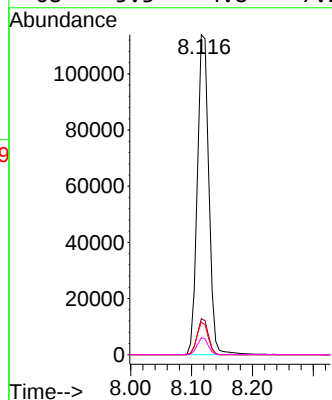
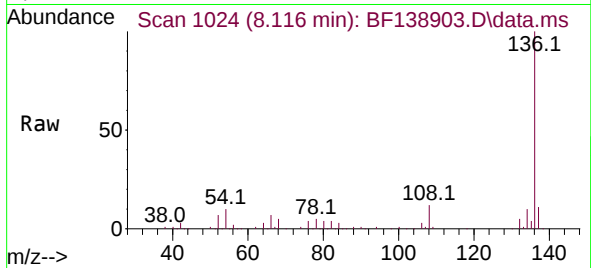
Tgt Ion: 70 Resp: 44474
Ion Ratio Lower Upper
70 100
42 57.3 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



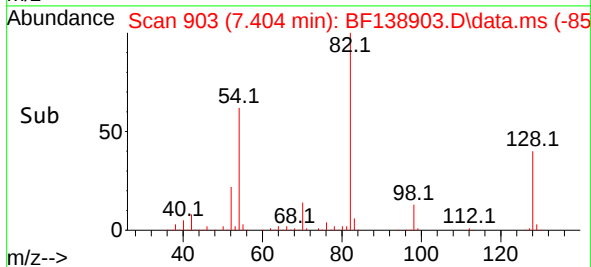
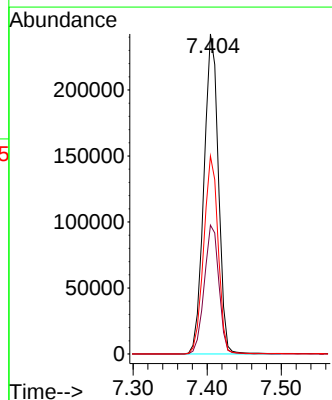
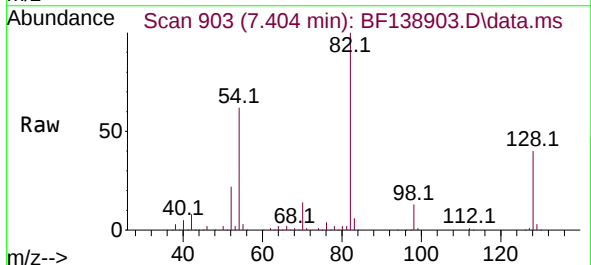


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
TS09



#23
Nitrobenzene-d5
Concen: 107.678 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

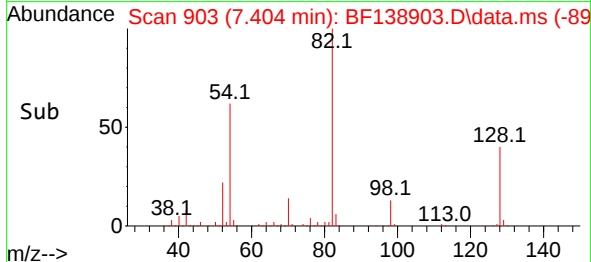
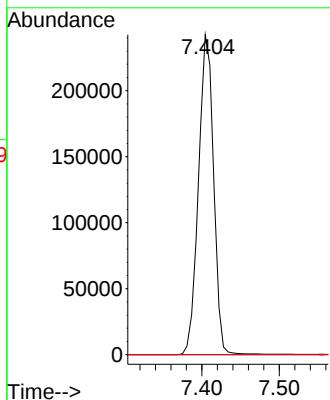
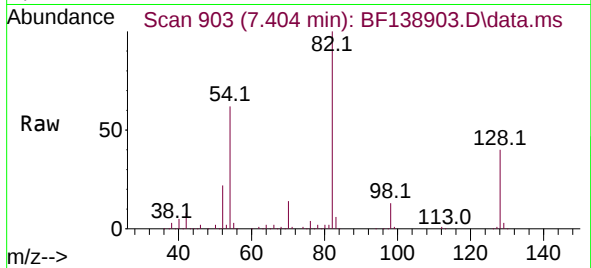




#25
Isophorone
Concen: 63.068 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

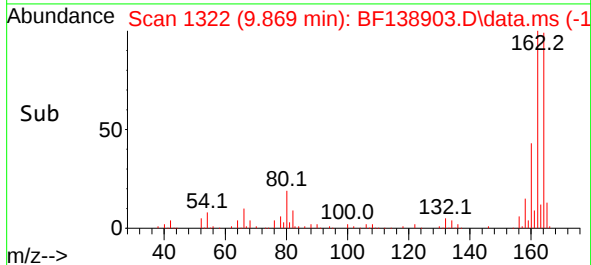
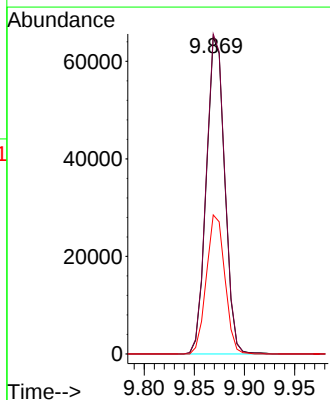
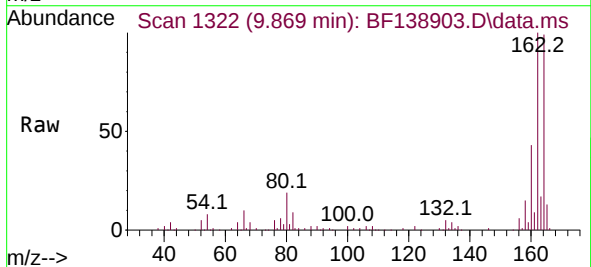
Instrument :
BNA_F
ClientSampleId :
TS09

Tgt Ion: 82 Resp: 329295
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: BF138903.D
Acq: 10 Aug 2024 11:46

Tgt Ion:164 Resp: 82973
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 43.9 35.1 52.7

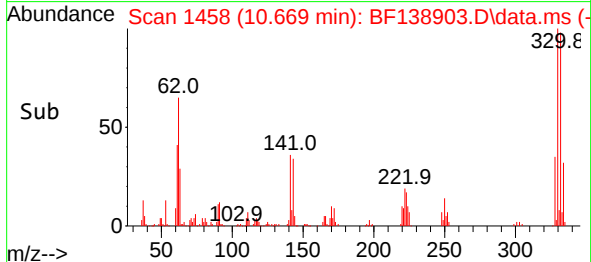
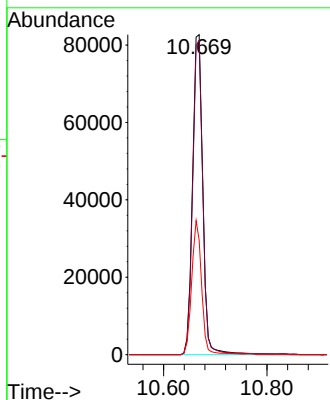
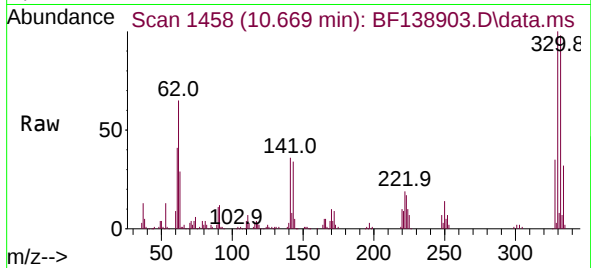




#42
2,4,6-Tribromophenol
Concen: 168.281 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

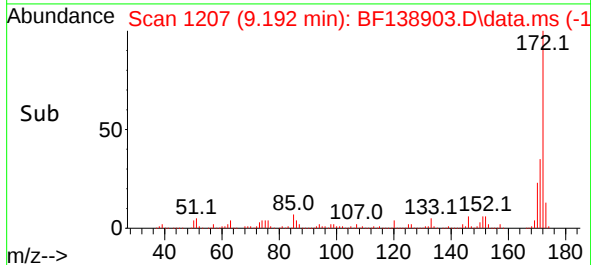
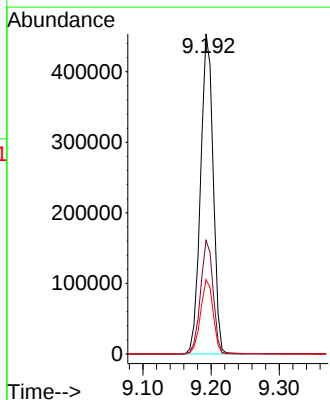
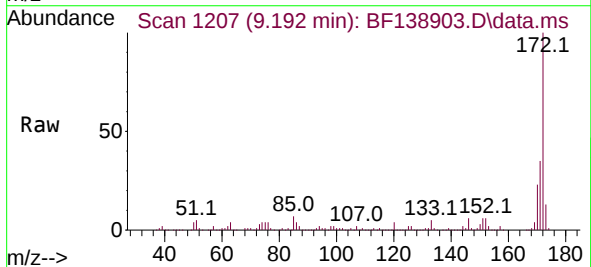
Instrument :
BNA_F
ClientSampleId :
TS09

Tgt Ion: 330 Resp: 114374
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 40.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 105.548 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

Tgt Ion: 172 Resp: 582873
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 18.8 28.2

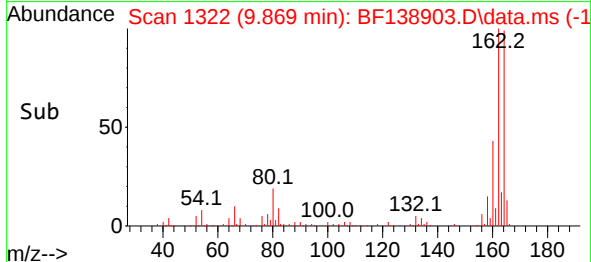
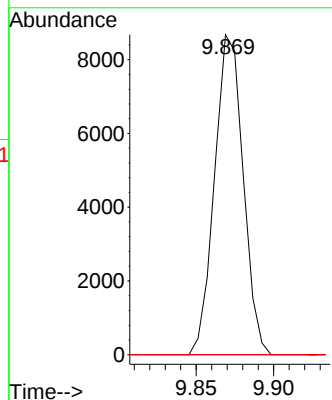
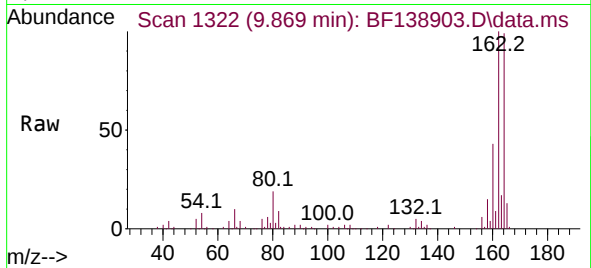




#51
2,6-Dinitrotoluene
Concen: 9.299 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

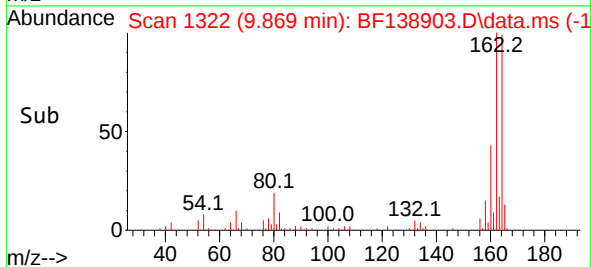
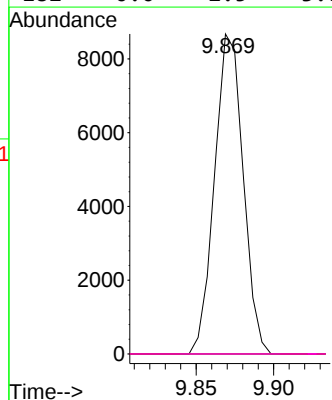
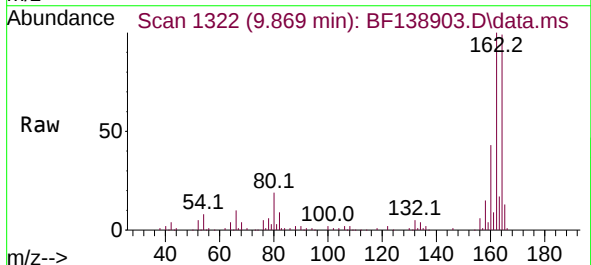
Instrument :
BNA_F
ClientSampleId :
TS09

Tgt Ion:165 Resp: 11134
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: 7.289 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

Tgt Ion:165 Resp: 11134
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# 1

Delta R.T. -0.012 min

Lab File: BF138903.D

Acq: 10 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TS09

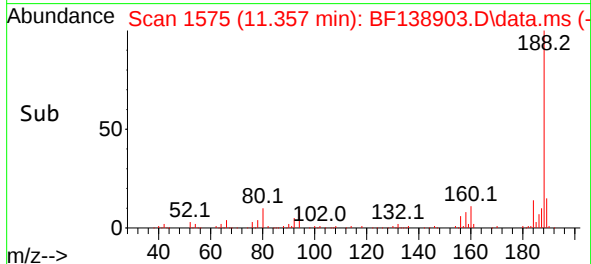
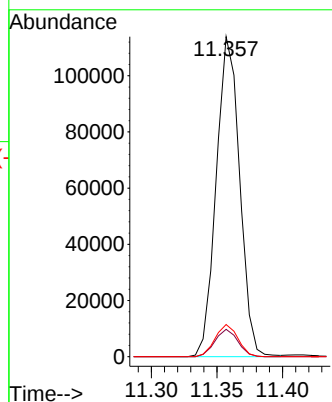
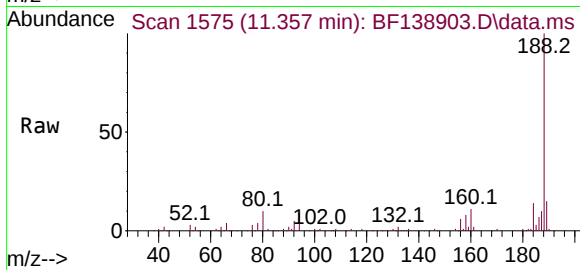
Tgt Ion:188 Resp: 141300

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.269 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138903.D

Acq: 10 Aug 2024 11:46

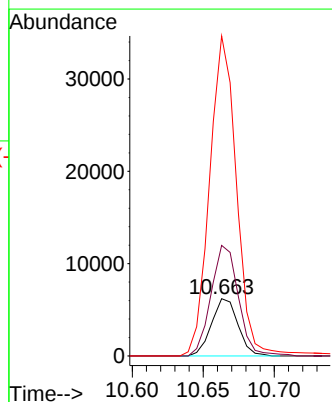
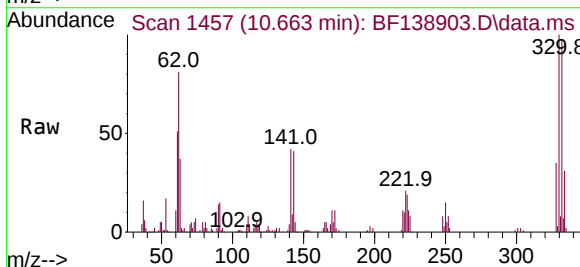
Tgt Ion:248 Resp: 8060

Ion Ratio Lower Upper

248 100

250 193.1 77.7 116.5#

141 558.6 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: BF138903.D

Acq: 10 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TS09

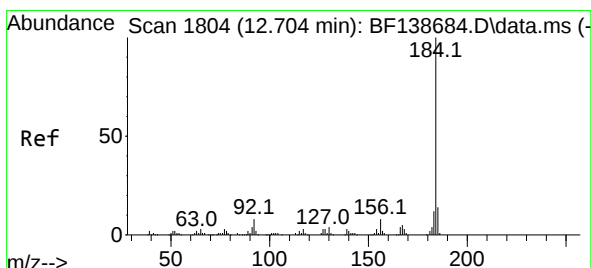
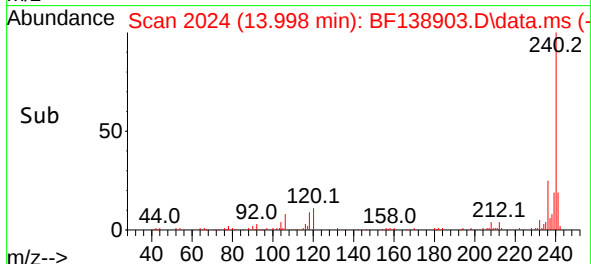
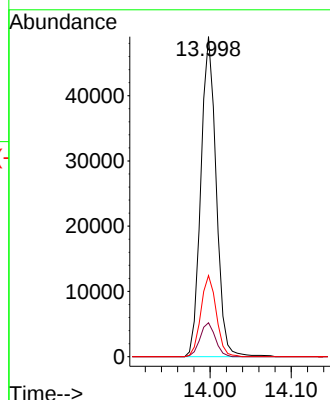
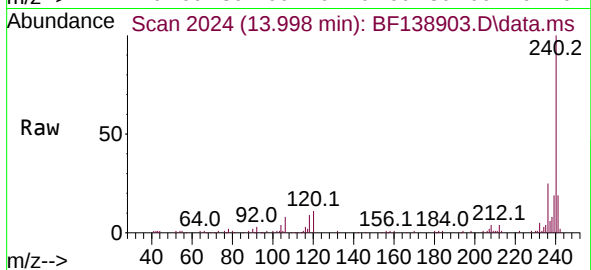
Tgt Ion:240 Resp: 64391

Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.4

236 25.3 19.8 29.8



#77

Benzidine

Concen: 4.607 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138903.D

Acq: 10 Aug 2024 11:46

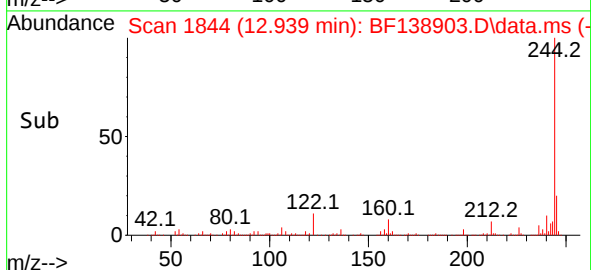
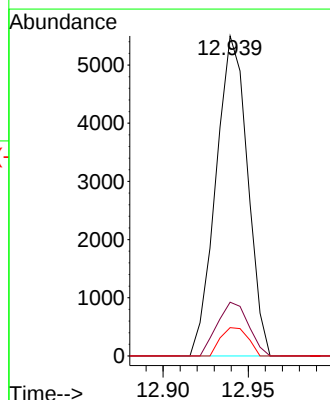
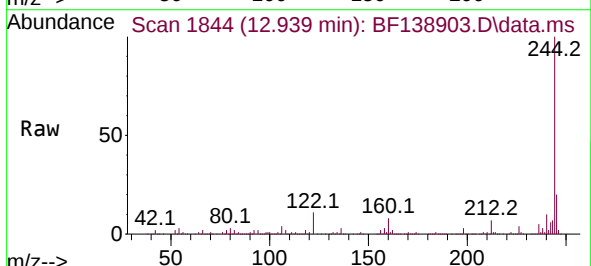
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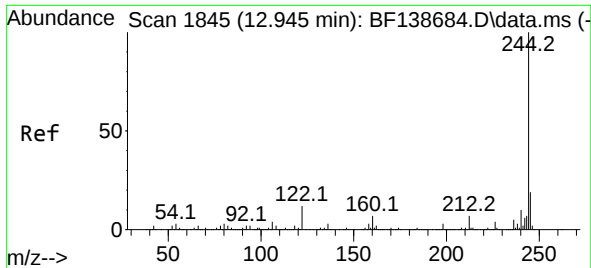
Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

183 8.8 9.6 14.4#

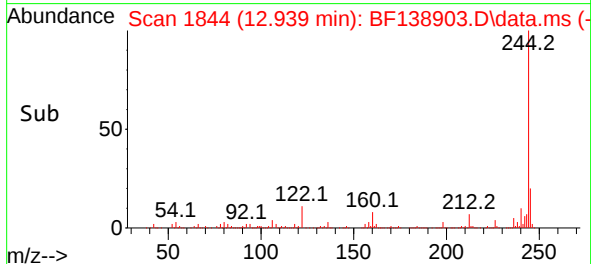
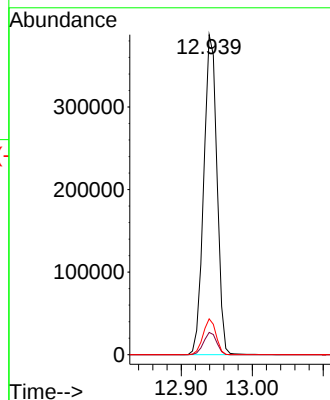
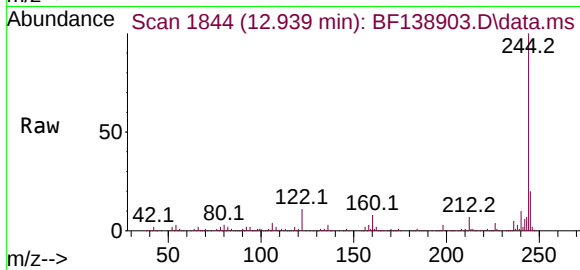




#79
 Terphenyl-d14
 Concen: 130.831 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138903.D
 Acq: 10 Aug 2024 11:46

Instrument :
 BNA_F
 ClientSampleId :
 TS09

Tgt Ion:244 Resp: 503167
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.2 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: BF138903.D
 Acq: 10 Aug 2024 11:46

Tgt Ion:264 Resp: 80935
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.7 17.0 25.6

