

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138847.D
 Acq On : 07 Aug 2024 17:36
 Operator : RC/JU
 Sample : P3429-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 926-K1-WS-073124

Quant Time: Aug 07 18:21:07 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)

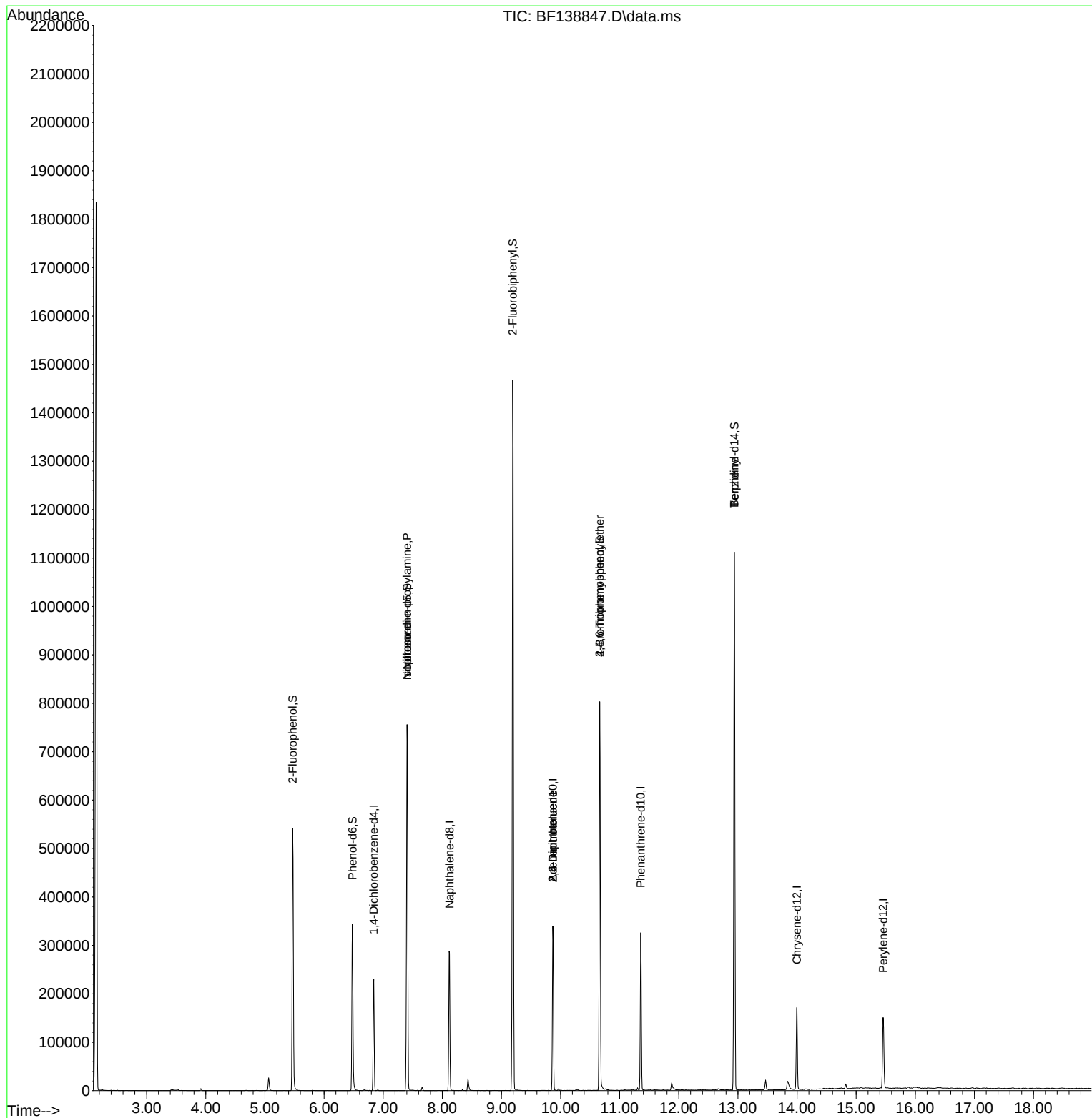
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	42757	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	180039	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	99192	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	163767	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	80836	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	84652	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	181343	65.470	ng	0.00
7) Phenol-d6	6.481	99	145945	39.245	ng	0.00
23) Nitrobenzene-d5	7.404	82	343231	93.208	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	119492	147.064	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	634862	96.165	ng	-0.01
79) Terphenyl-d14	12.939	244	523175	108.360	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	48859	21.753	ng	# 75
25) Isophorone	7.404	82	342789	54.516	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12506	8.737	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12506	6.848	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	8109	4.573	ng	# 1
77) Benzidine	12.939	184	7432	3.844	ng	# 89

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

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Data File : BF138847.D
Acq On : 07 Aug 2024 17:36
Operator : RC/JU
Sample : P3429-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
926-K1-WS-073124

Quant Time: Aug 07 18:21:07 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

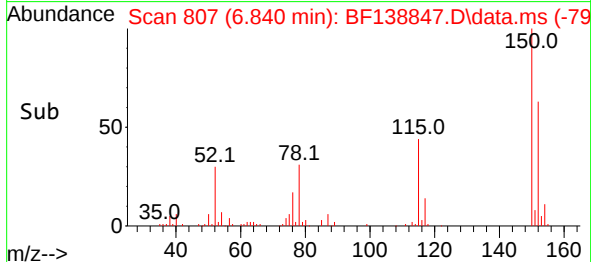
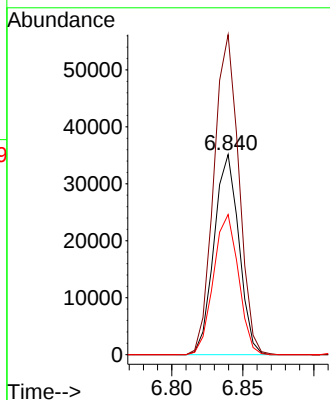
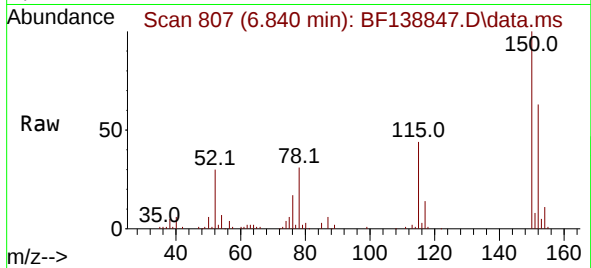




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

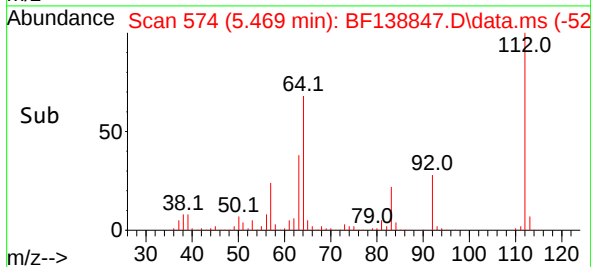
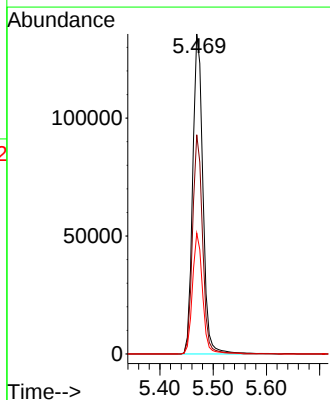
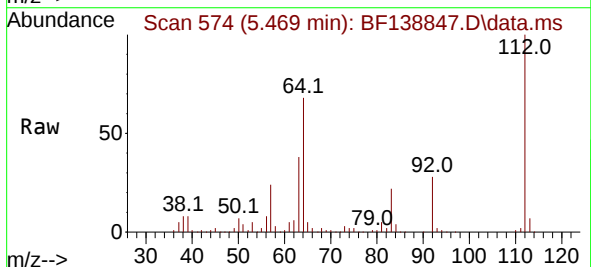
Instrument :
BNA_F
ClientSampleId :
926-K1-WS-073124

Tgt Ion:152 Resp: 42757
Ion Ratio Lower Upper
152 100
150 159.9 126.0 189.0
115 70.0 51.7 77.5



#5
2-Fluorophenol
Concen: 65.470 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Tgt Ion:112 Resp: 181343
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.8 28.7 43.1

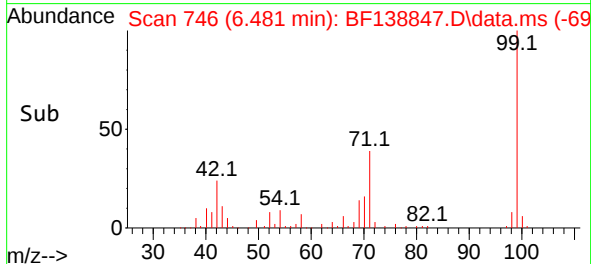
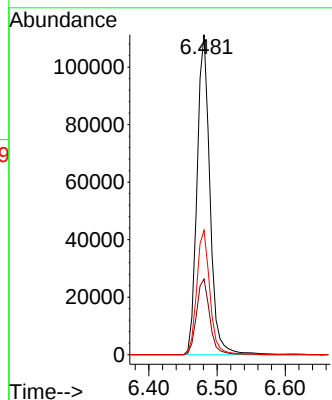
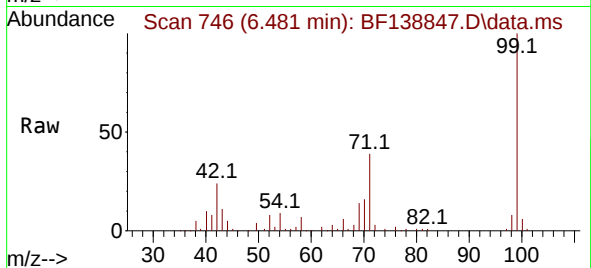




#7
Phenol-d6
Concen: 39.245 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

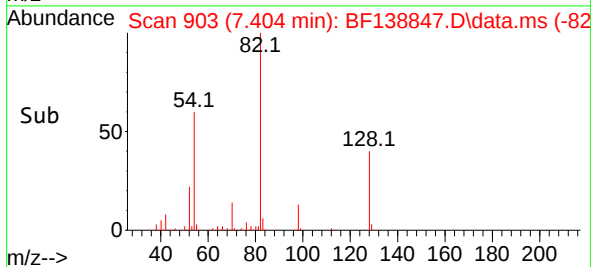
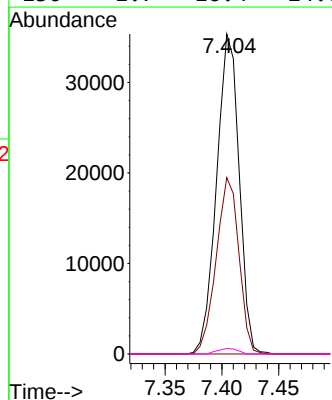
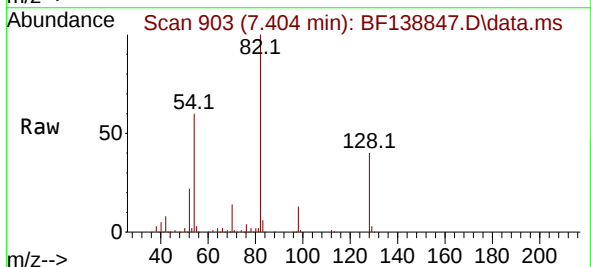
Instrument :
BNA_F
ClientSampleId :
926-K1-WS-073124

Tgt Ion: 99 Resp: 145945
Ion Ratio Lower Upper
99 100
42 23.6 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.753 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

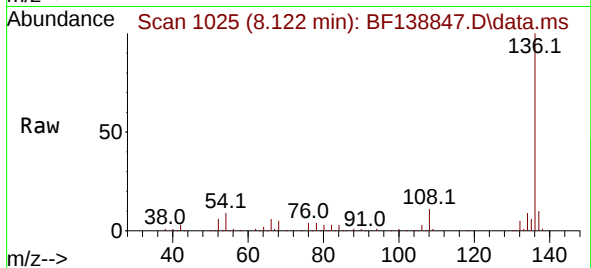
Tgt Ion: 70 Resp: 48859
Ion Ratio Lower Upper
70 100
42 55.1 57.4 86.0#
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#



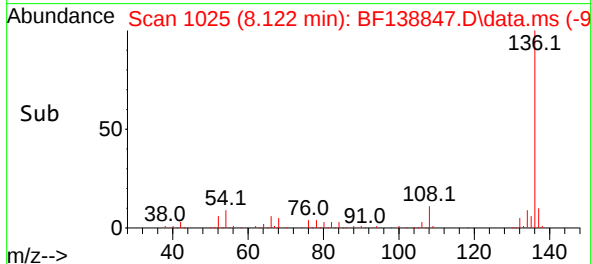
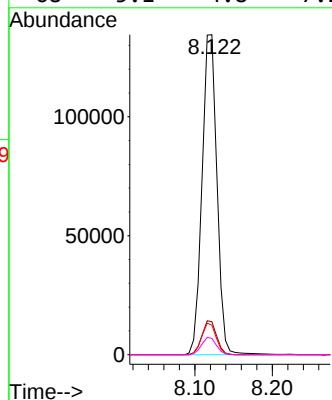


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Instrument :
BNA_F
ClientSampleId :
926-K1-WS-073124

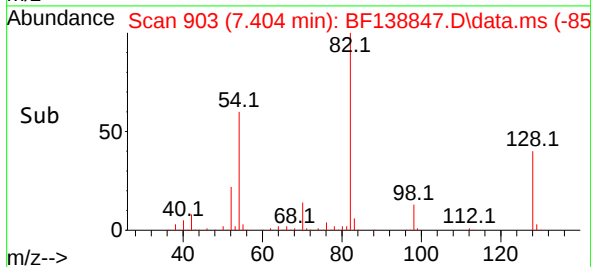
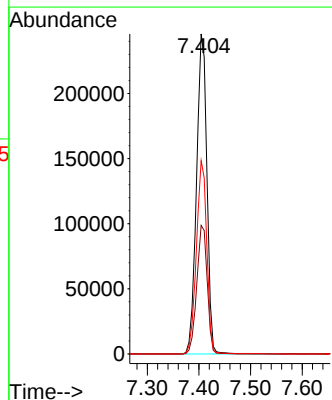
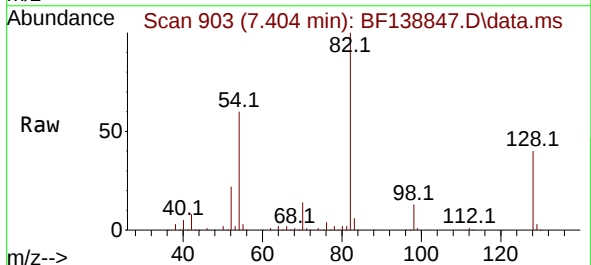


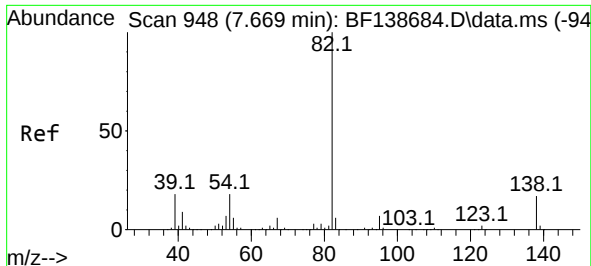
Tgt Ion:136 Resp: 180039
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.2 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 93.208 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Tgt Ion: 82 Resp: 343231
Ion Ratio Lower Upper
82 100
128 40.1 32.8 49.2
54 60.4 48.3 72.5

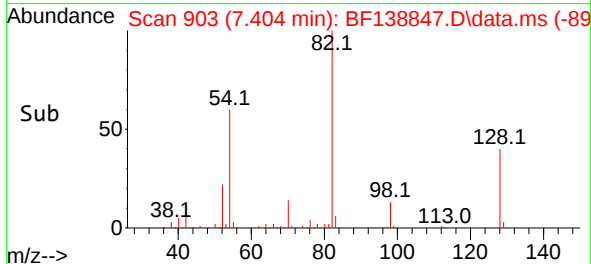
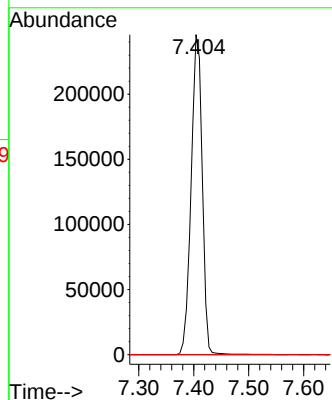
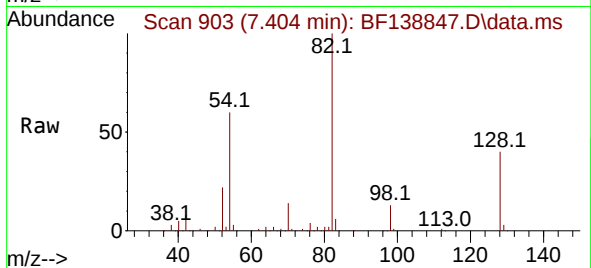




#25
Isophorone
Concen: 54.516 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

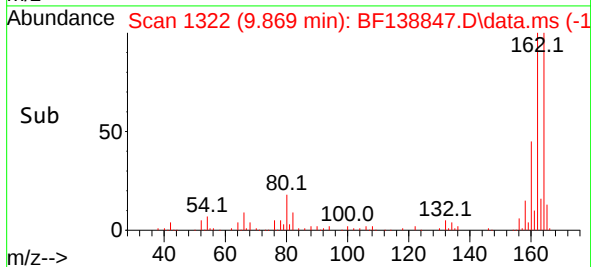
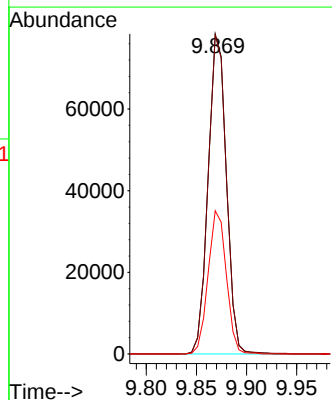
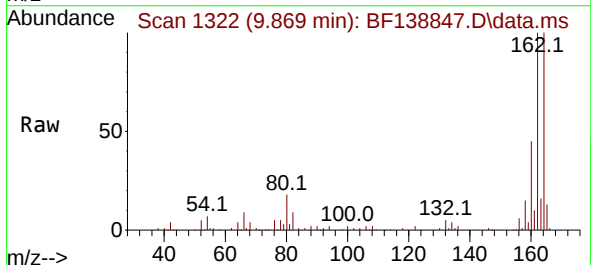
Instrument :
BNA_F
ClientSampleId :
926-K1-WS-073124

Tgt Ion: 82 Resp: 342789
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: BF138847.D
Acq: 07 Aug 2024 17:36

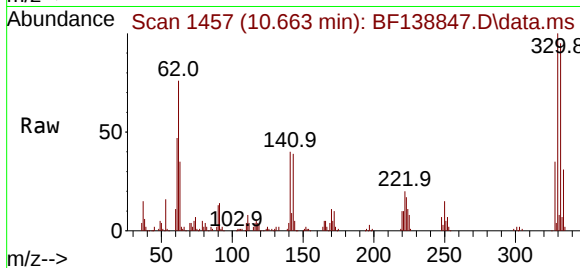
Tgt Ion:164 Resp: 99192
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.8 35.1 52.7



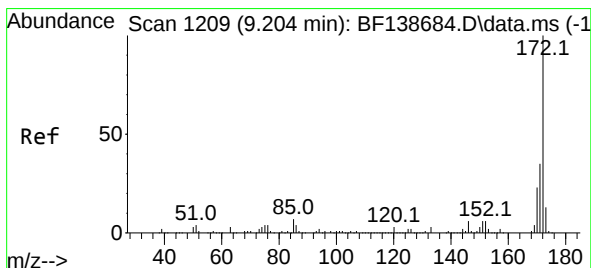
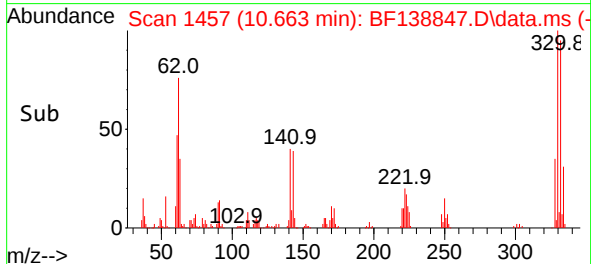
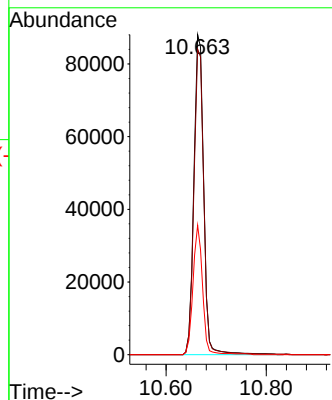


#42
2,4,6-Tribromophenol
Concen: 147.064 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Instrument :
BNA_F
ClientSampleId :
926-K1-WS-073124

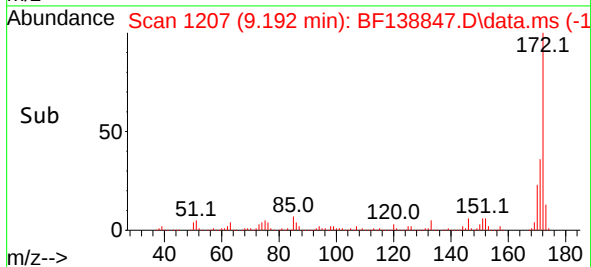
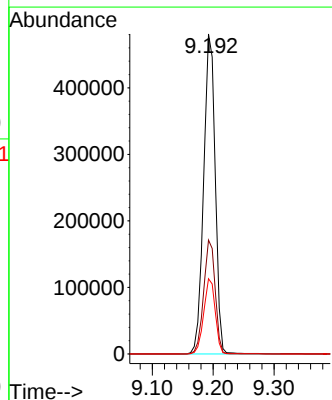
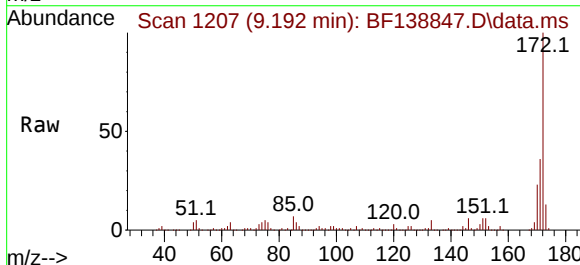


Tgt Ion: 330 Resp: 119492
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 39.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 96.165 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Tgt Ion: 172 Resp: 634862
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

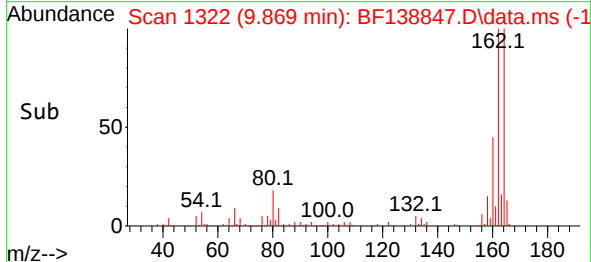
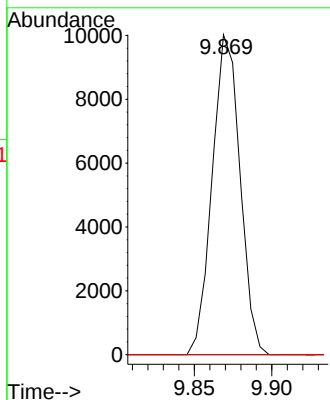
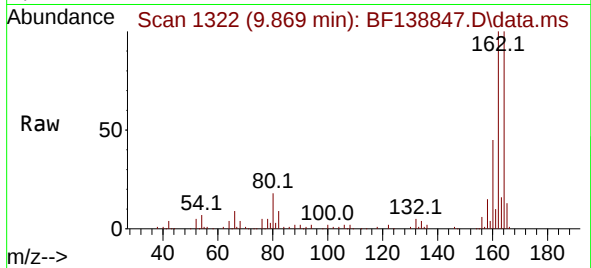




#51
2,6-Dinitrotoluene
Concen: 8.737 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

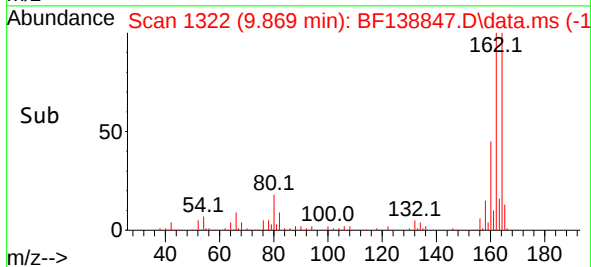
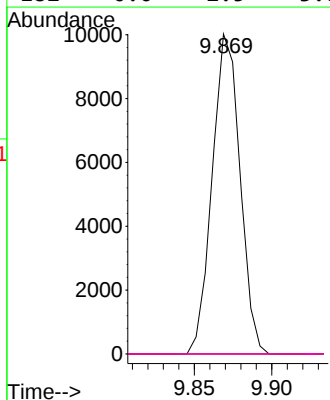
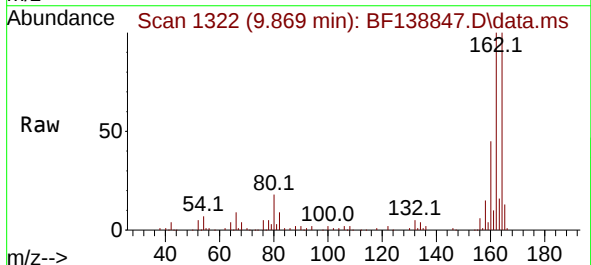
Instrument :
BNA_F
ClientSampleId :
926-K1-WS-073124

Tgt Ion:165 Resp: 12506
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: 6.848 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Tgt Ion:165 Resp: 12506
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: BF138847.D

Acq: 07 Aug 2024 17:36

Instrument :

BNA_F

ClientSampleId :

926-K1-WS-073124

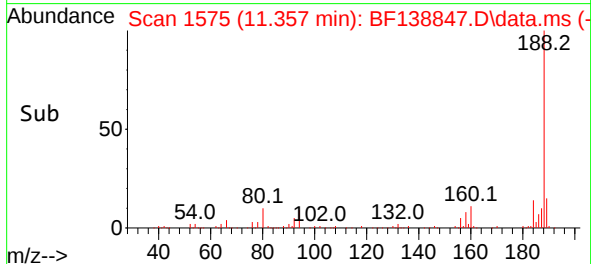
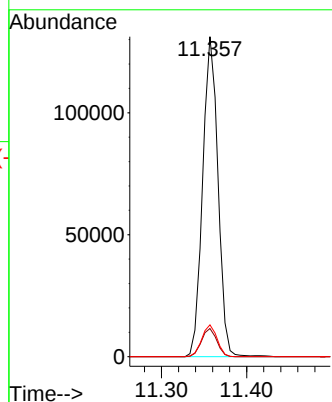
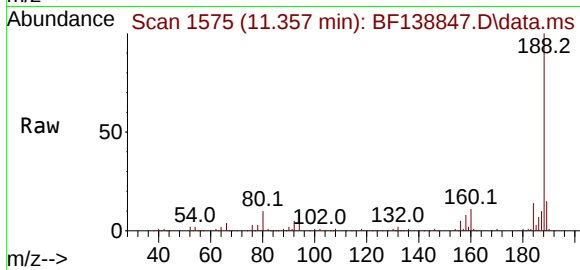
Tgt Ion:188 Resp: 163767

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.9 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.573 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138847.D

Acq: 07 Aug 2024 17:36

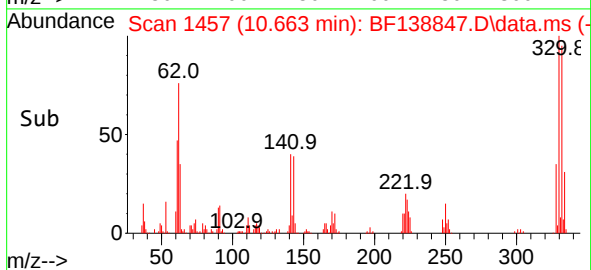
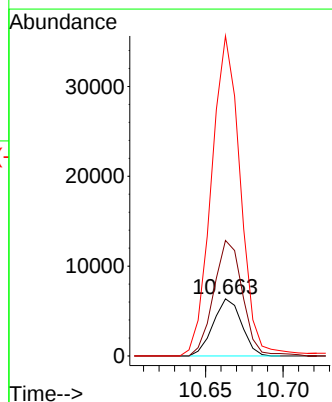
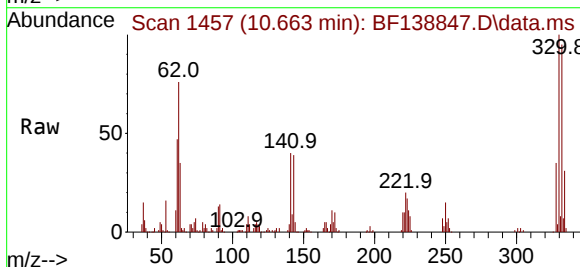
Tgt Ion:248 Resp: 8109

Ion Ratio Lower Upper

248 100

250 202.5 77.7 116.5#

141 560.7 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: BF138847.D

Acq: 07 Aug 2024 17:36

Instrument :

BNA_F

ClientSampleId :

926-K1-WS-073124

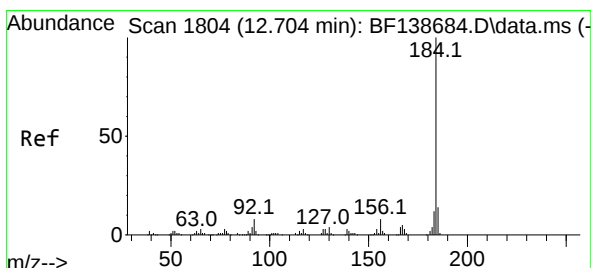
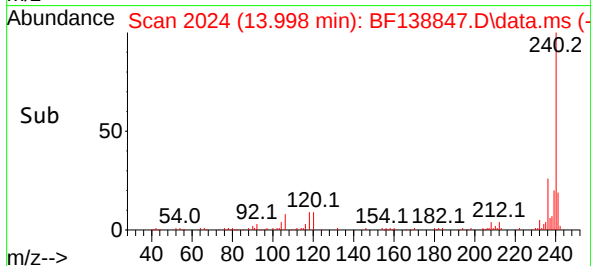
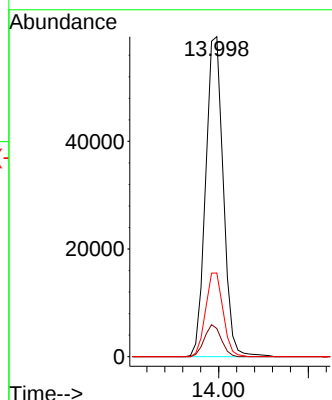
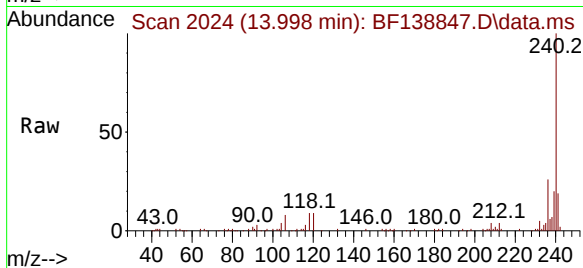
Tgt Ion:240 Resp: 80836

Ion Ratio Lower Upper

240 100

120 8.8 10.2 15.4#

236 26.2 19.8 29.8



#77

Benzidine

Concen: 3.844 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138847.D

Acq: 07 Aug 2024 17:36

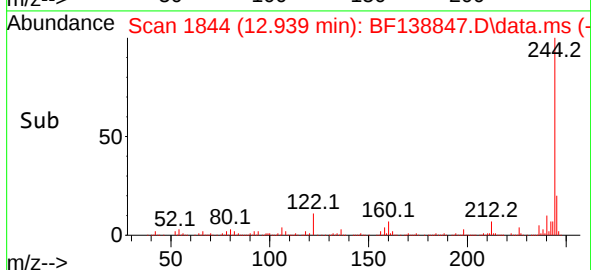
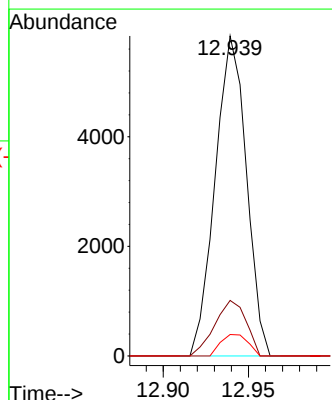
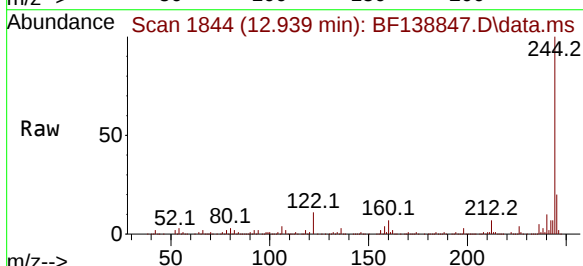
Tgt Ion:184 Resp: 7432

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

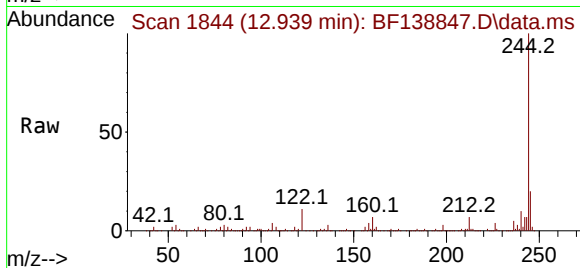
183 6.7 9.6 14.4#



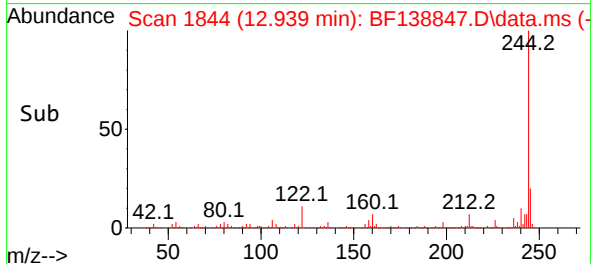
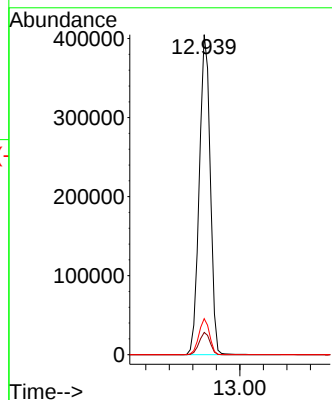


#79
 Terphenyl-d14
 Concen: 108.360 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138847.D
 Acq: 07 Aug 2024 17:36

Instrument :
 BNA_F
 ClientSampleId :
 926-K1-WS-073124



Tgt Ion:244 Resp: 523175
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF138847.D
 Acq: 07 Aug 2024 17:36

Tgt Ion:264 Resp: 84652
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 21.8 17.0 25.6

