

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138840.D
 Acq On : 07 Aug 2024 14:05
 Operator : RC/JU
 Sample : P3440-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-WS-080124

Quant Time: Aug 07 14:48:58 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)

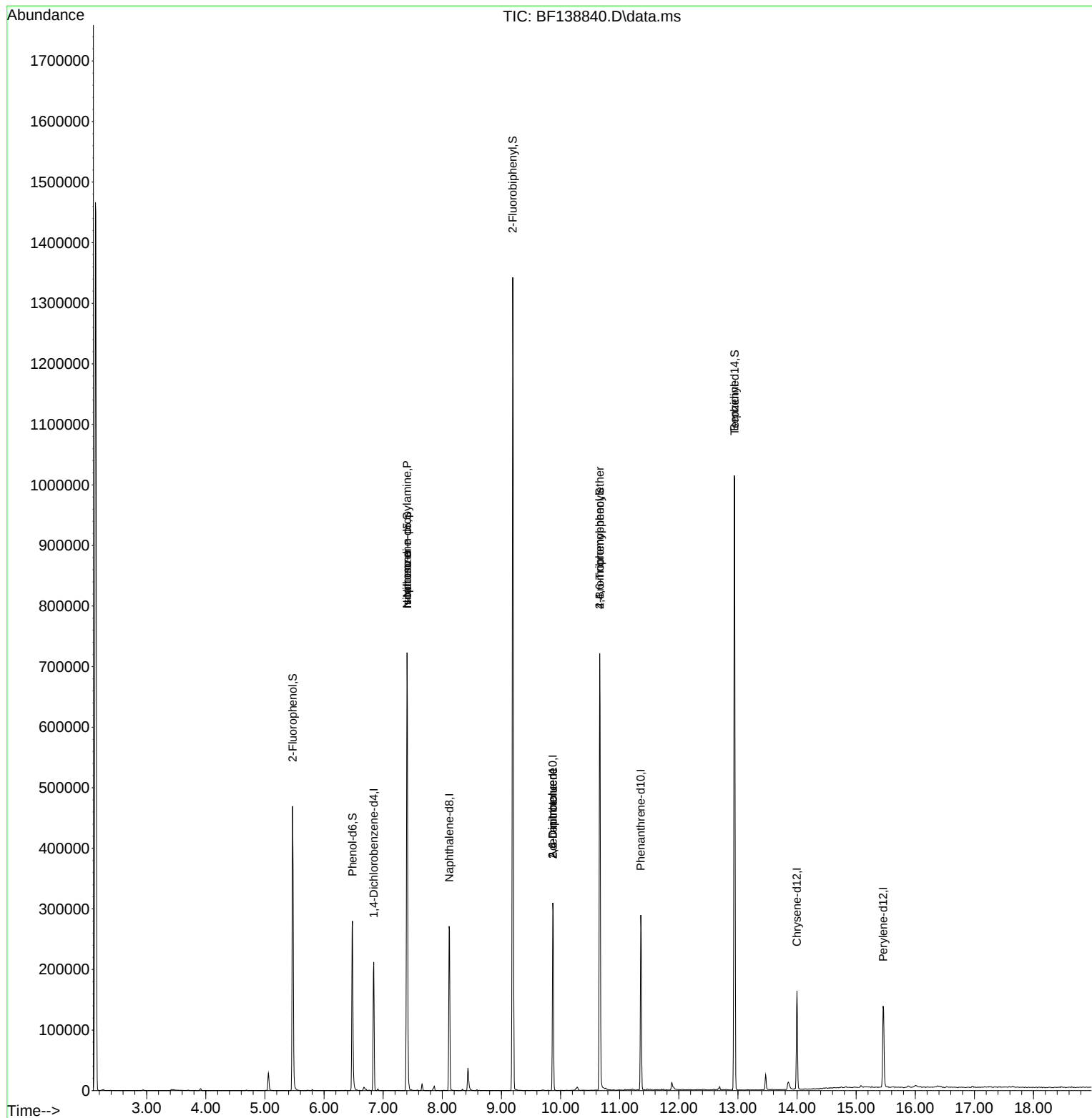
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	41750	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169871	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89884	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	145951	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	76059	20.000	ng	0.00
86) Perylene-d12	15.457	264	79882	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	156639	57.915	ng	0.00
7) Phenol-d6	6.481	99	125175	34.472	ng	0.00
23) Nitrobenzene-d5	7.404	82	320945	92.373	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	108547	147.428	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	579001	96.786	ng	-0.01
79) Terphenyl-d14	12.945	244	492412	108.393	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	44337	20.216	ng	# 76
25) Isophorone	7.404	82	320941	54.096	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11756	9.064	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11756	7.104	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7572	4.792	ng	# 1
77) Benzidine	12.939	184	6956	3.824	ng	# 92

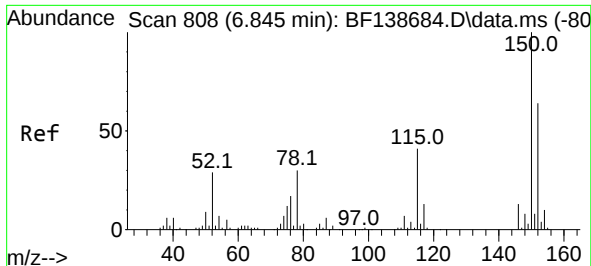
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

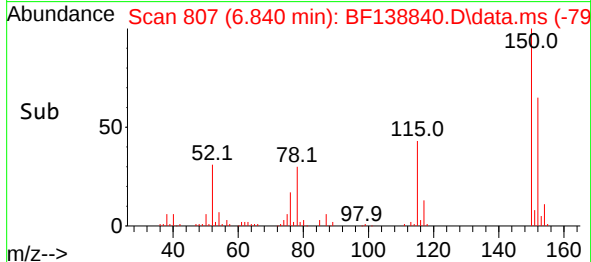
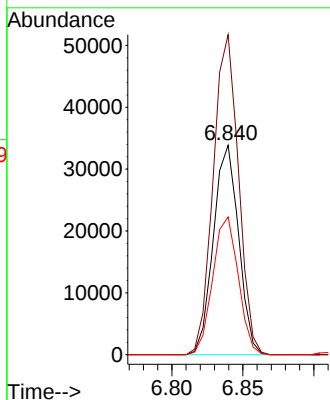
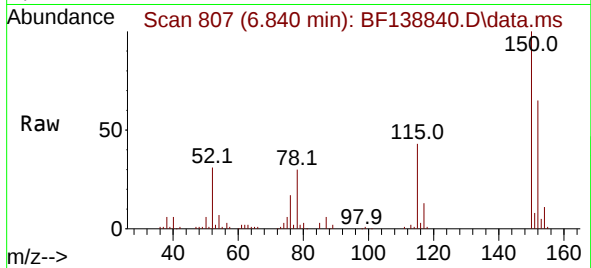




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

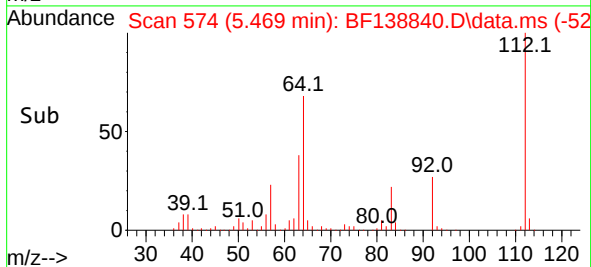
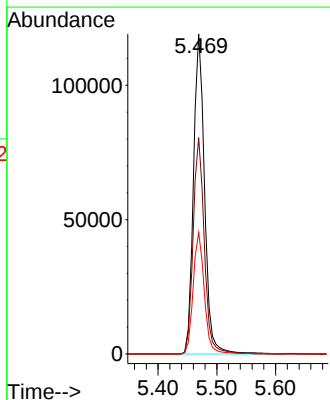
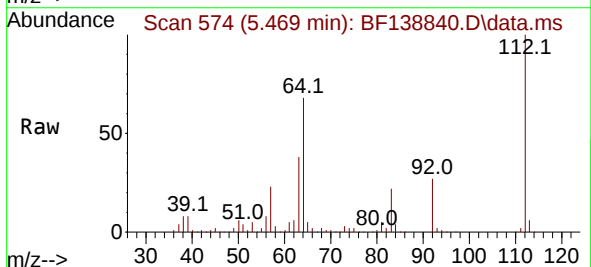
Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

Tgt Ion:152 Resp: 41750
Ion Ratio Lower Upper
152 100
150 152.8 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 57.915 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Tgt Ion:112 Resp: 156639
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 38.0 28.7 43.1

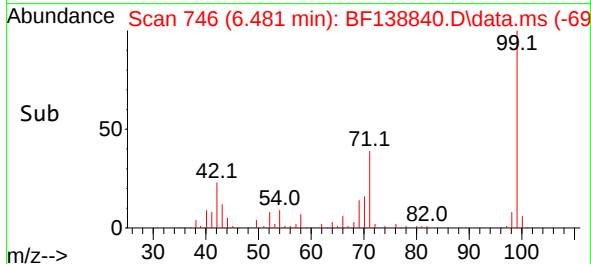
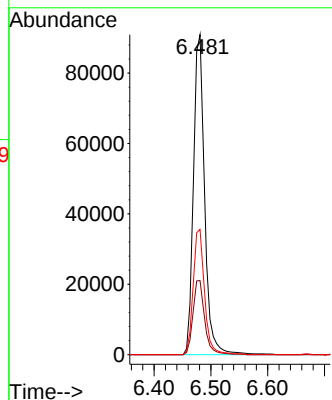
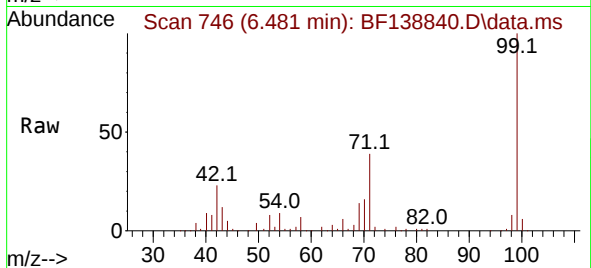




#7
Phenol-d6
Concen: 34.472 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

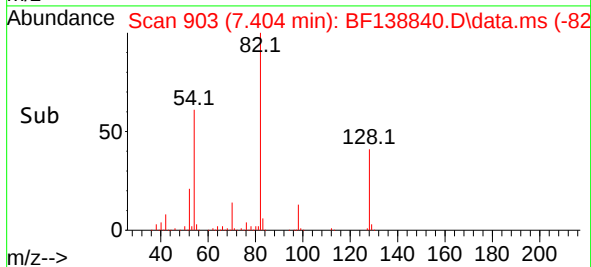
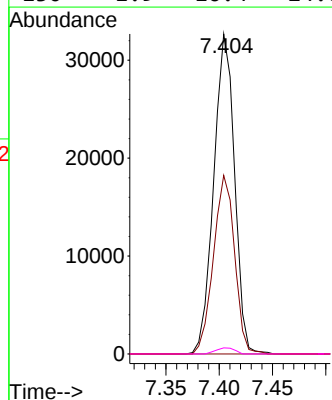
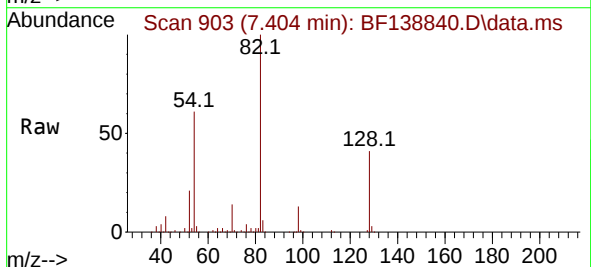
Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

Tgt Ion: 99 Resp: 125175
Ion Ratio Lower Upper
99 100
42 23.2 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.216 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Tgt Ion: 70 Resp: 44337
Ion Ratio Lower Upper
70 100
42 55.8 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



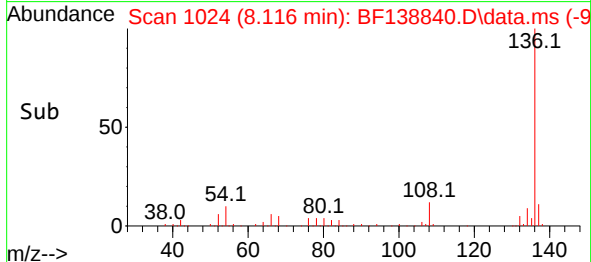
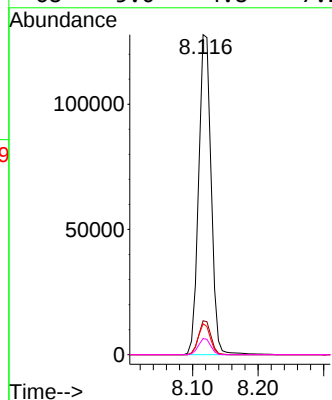
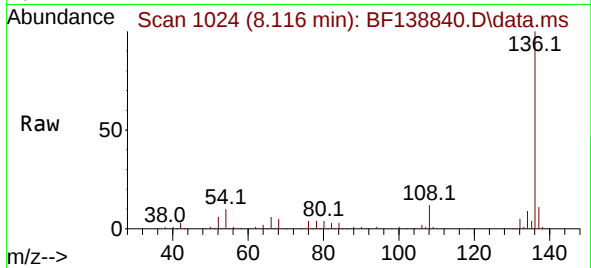


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

Tgt Ion:136 Resp: 169871

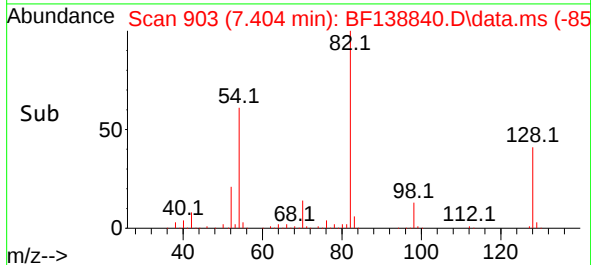
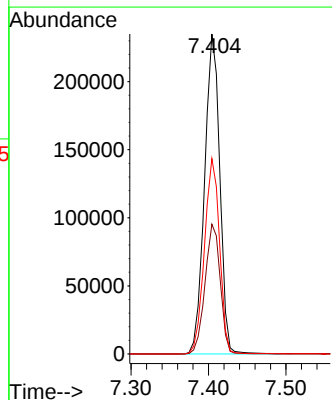
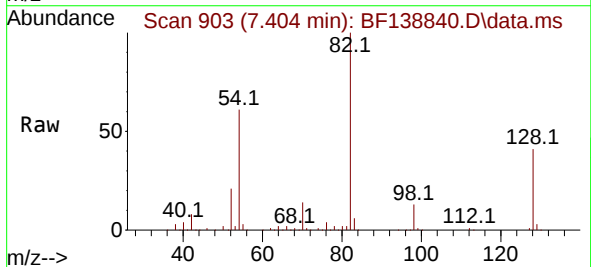
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.7	8.6	12.8
68	5.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 92.373 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Tgt Ion: 82 Resp: 320945

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	61.1	48.3	72.5

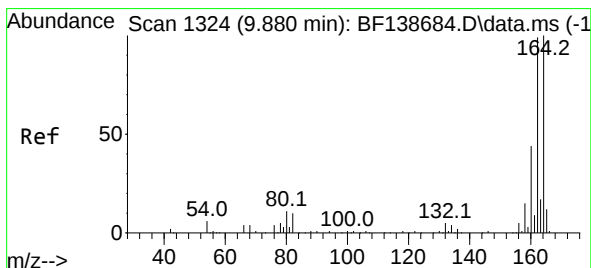
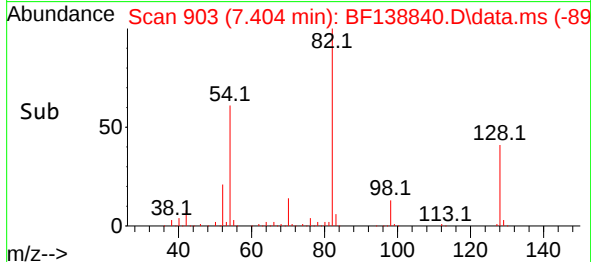
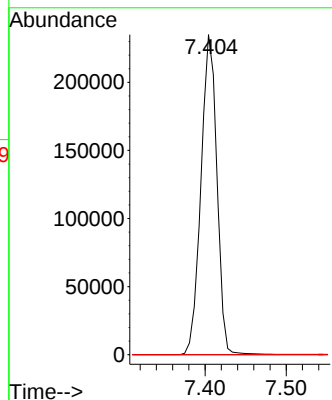
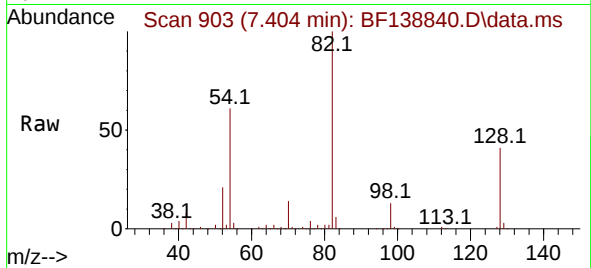




#25
Isophorone
Concen: 54.096 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

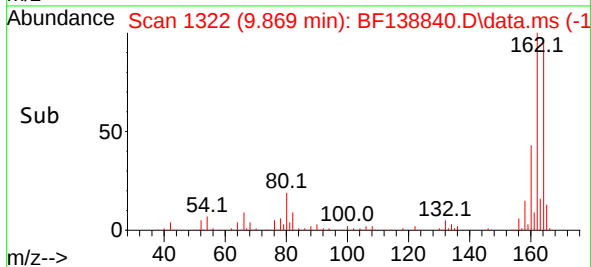
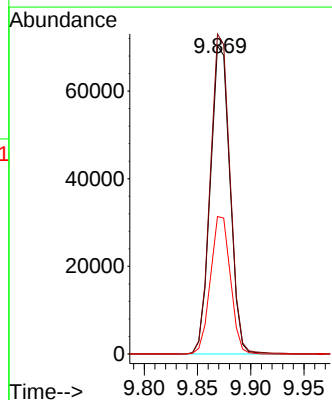
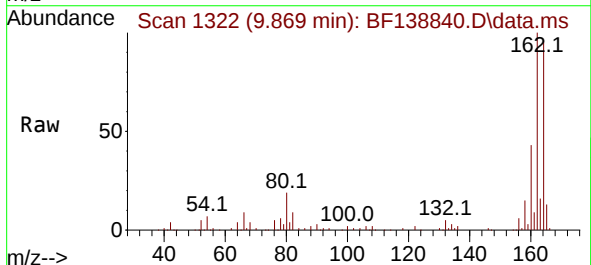
Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

Tgt Ion: 82 Resp: 320941
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: BF138840.D
Acq: 07 Aug 2024 14:05

Tgt Ion:164 Resp: 89884
Ion Ratio Lower Upper
164 100
162 103.9 79.4 119.0
160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 147.428 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138840.D

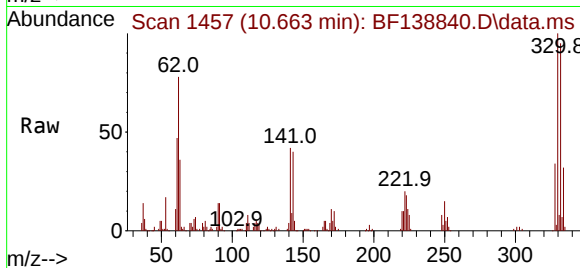
Acq: 07 Aug 2024 14:05

Instrument :

BNA_F

ClientSampleId :

922-K1-WS-080124



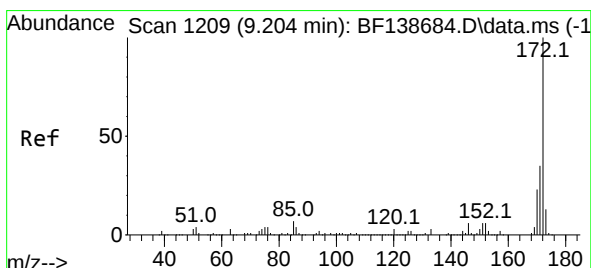
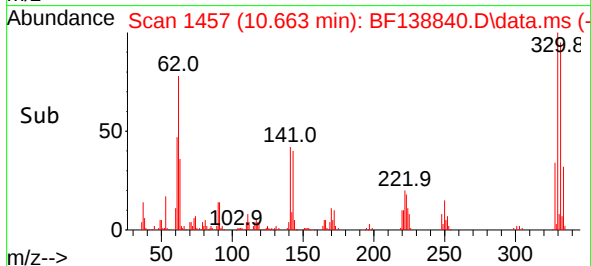
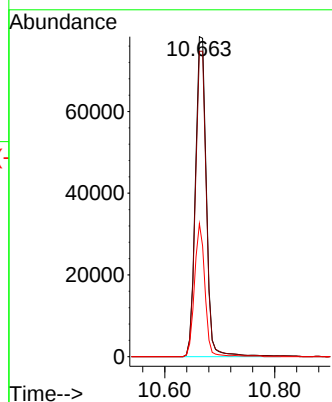
Tgt Ion:330 Resp: 108547

Ion Ratio Lower Upper

330 100

332 95.0 76.4 114.6

141 39.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 96.786 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138840.D

Acq: 07 Aug 2024 14:05

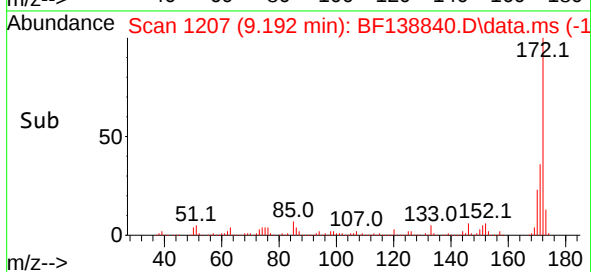
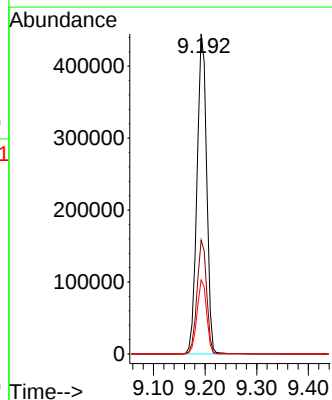
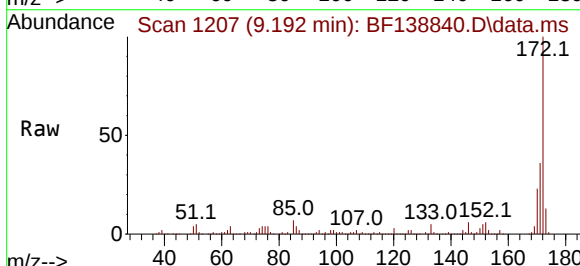
Tgt Ion:172 Resp: 579001

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.1 18.8 28.2

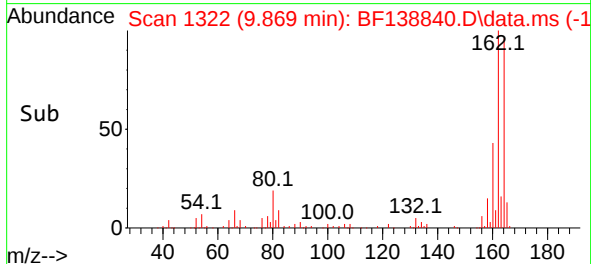
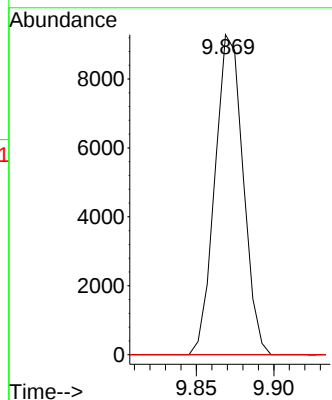
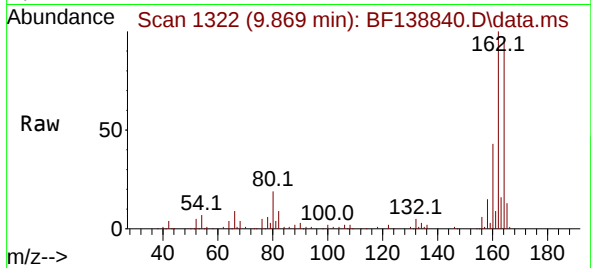




#51
2,6-Dinitrotoluene
Concen: 9.064 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

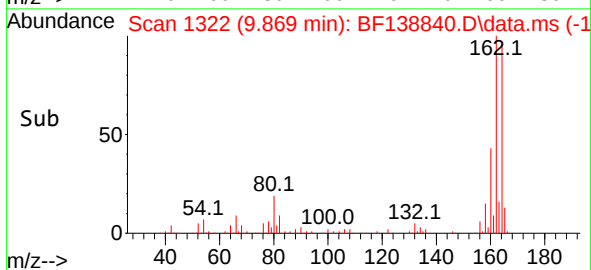
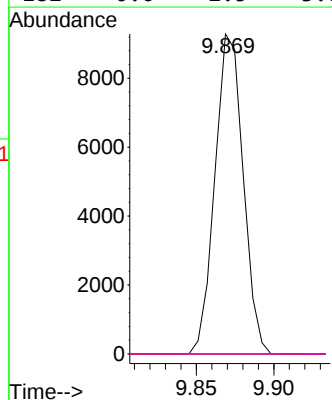
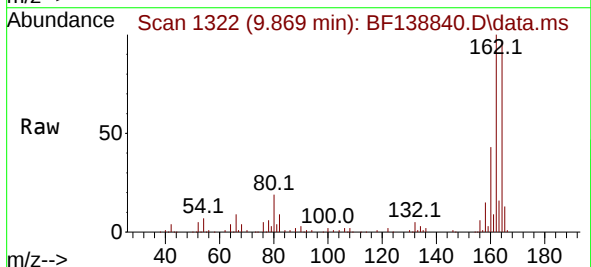
Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

Tgt Ion:165 Resp: 11756
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: 7.104 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Tgt Ion:165 Resp: 11756
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: BF138840.D

Acq: 07 Aug 2024 14:05

Instrument :

BNA_F

ClientSampleId :

922-K1-WS-080124

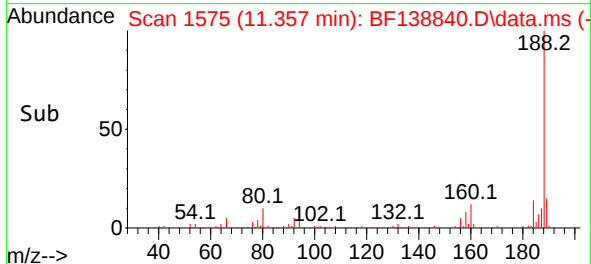
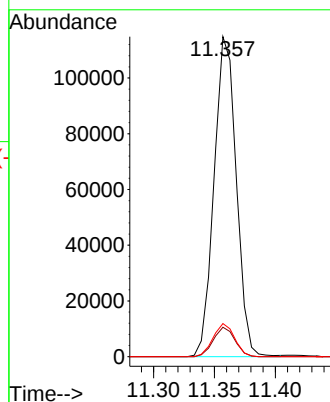
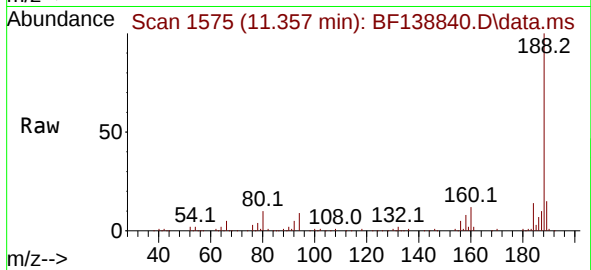
Tgt Ion:188 Resp: 145951

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 10.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.792 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138840.D

Acq: 07 Aug 2024 14:05

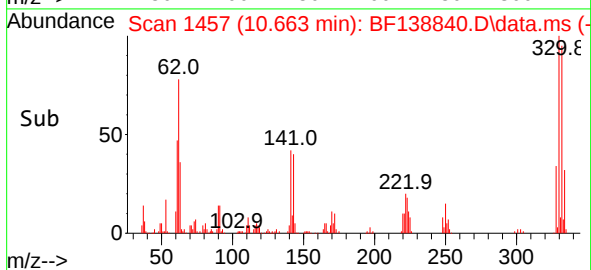
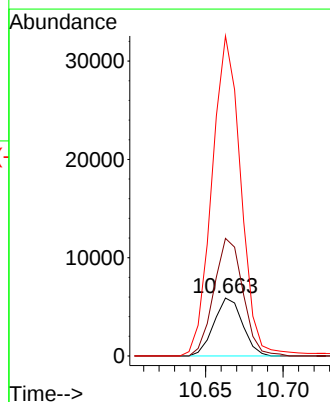
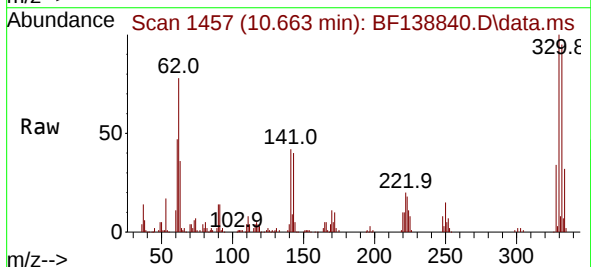
Tgt Ion:248 Resp: 7572

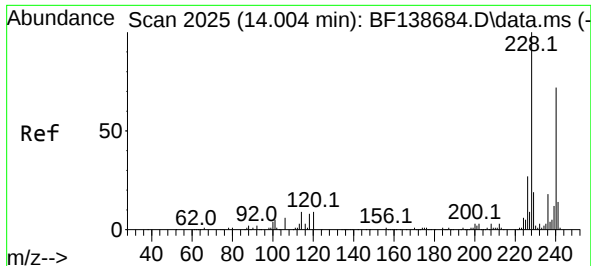
Ion Ratio Lower Upper

248 100

250 203.0 77.7 116.5#

141 552.0 68.0 102.0#

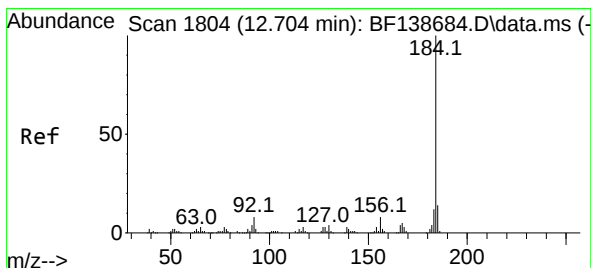
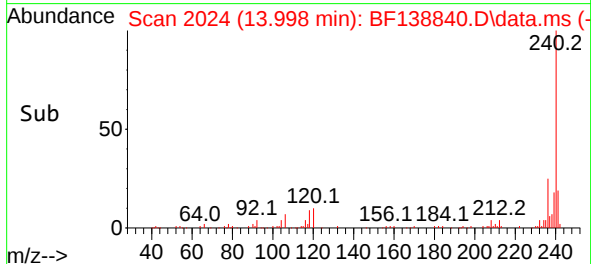
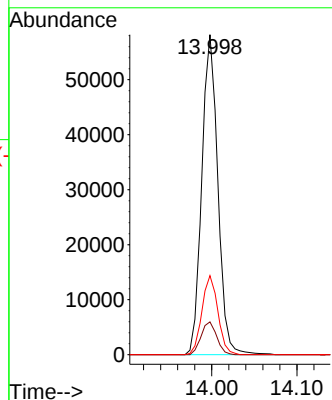
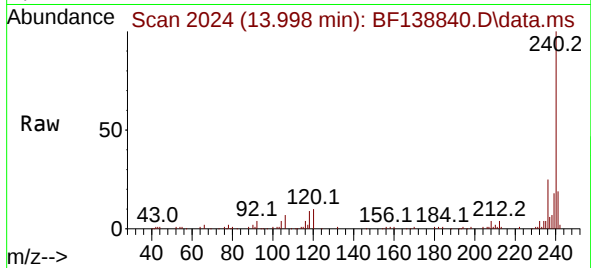




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

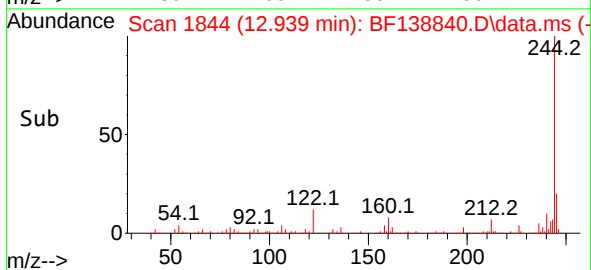
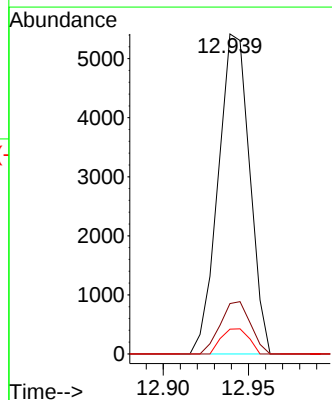
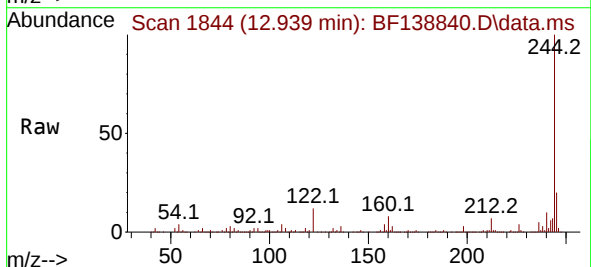
Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

Tgt Ion:240 Resp: 76059
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 24.7 19.8 29.8



#77
Benzidine
Concen: 3.824 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

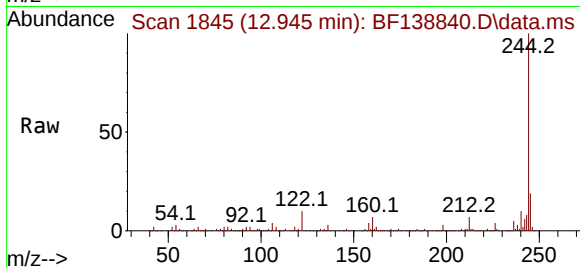
Tgt Ion:184 Resp: 6956
Ion Ratio Lower Upper
184 100
185 15.7 11.1 16.7
183 7.7 9.6 14.4#



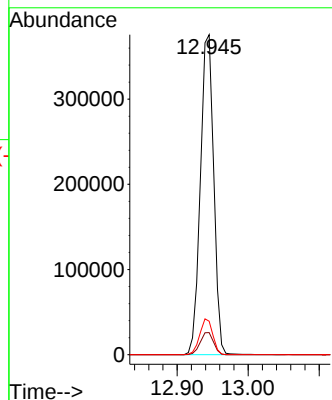
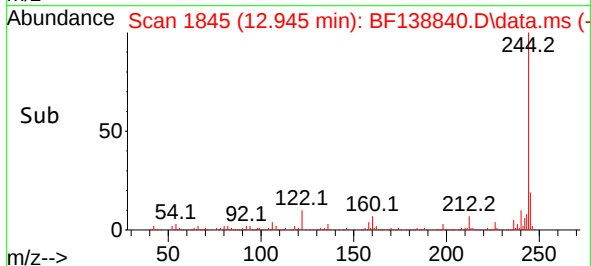


#79
 Terphenyl-d14
 Concen: 108.393 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138840.D
 Acq: 07 Aug 2024 14:05

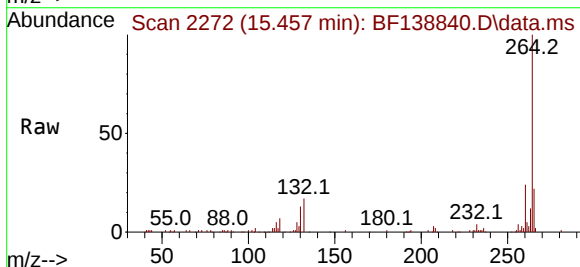
Instrument :
 BNA_F
 ClientSampleId :
 922-K1-WS-080124



Tgt Ion:244 Resp: 492412
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.5 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: BF138840.D
 Acq: 07 Aug 2024 14:05



Tgt Ion:264 Resp: 79882
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.5 17.0 25.6

