

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138992.D
 Acq On : 14 Aug 2024 14:08
 Operator : RC/JU
 Sample : P3474-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B2-COMP

Quant Time: Aug 14 14:40:32 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)

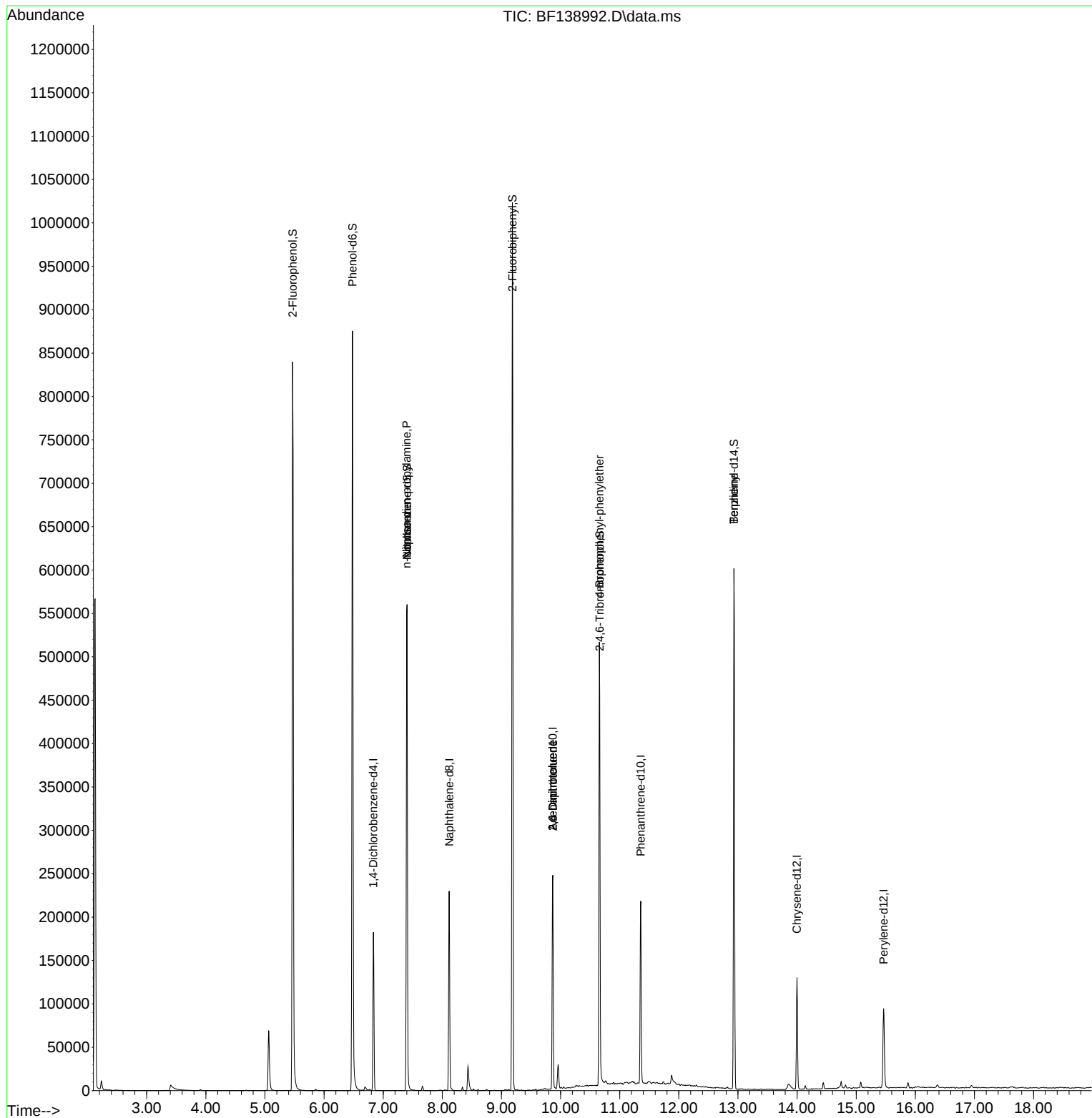
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	33042	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	135315	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	72810	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	108422	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61880	20.000	ng	0.00
86) Perylene-d12	15.462	264	55831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	279492	130.573	ng	0.00
7) Phenol-d6	6.481	99	369133	128.445	ng	0.00
23) Nitrobenzene-d5	7.404	82	241968	87.427	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	71349	119.631	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	414063	85.445	ng	-0.02
79) Terphenyl-d14	12.933	244	273194	73.917	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	34145	19.672	ng	# 80
25) Isophorone	7.404	82	241966	51.200	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	8752	8.330	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	8752	6.529	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	5235	4.460	ng	# 1
77) Benzydine	12.933	184	4282	2.893	ng	# 94

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

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Quant Time: Aug 14 14:40:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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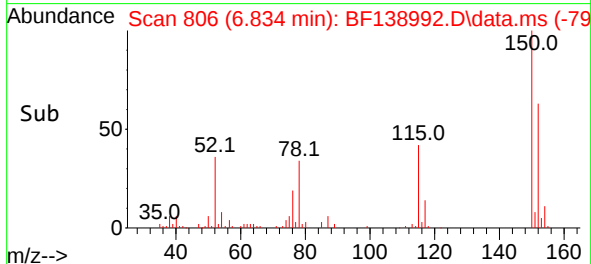
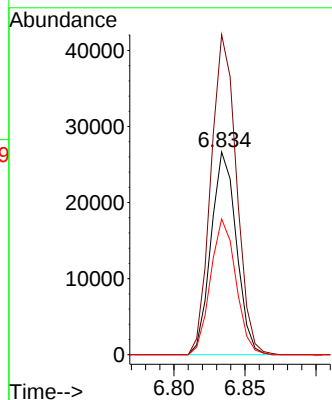
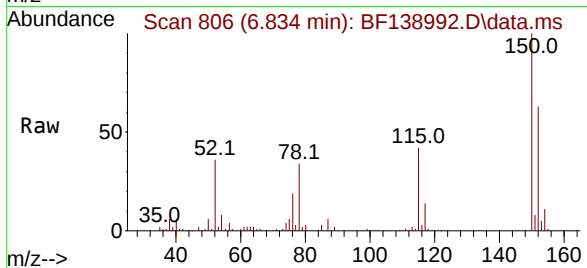




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

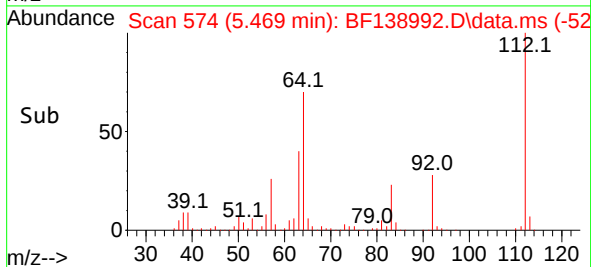
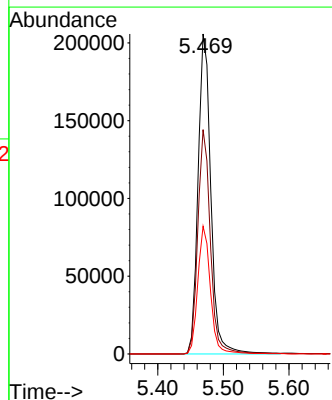
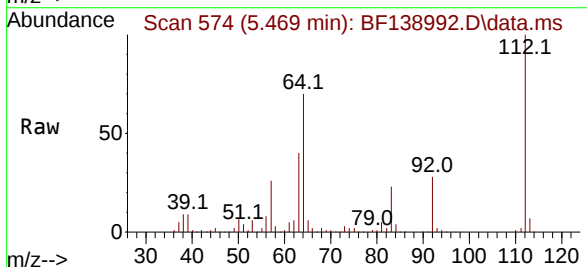
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP

Tgt Ion:152 Resp: 33042
Ion Ratio Lower Upper
152 100
150 157.9 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 130.573 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

Tgt Ion:112 Resp: 279492
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 39.9 28.7 43.1

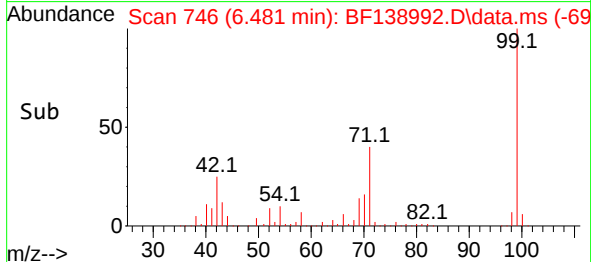
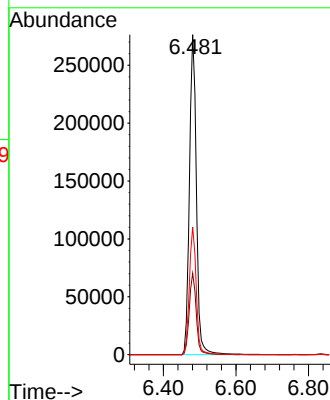
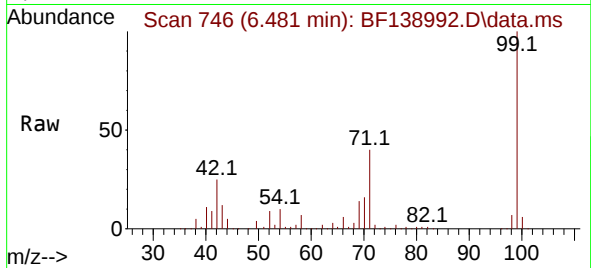




#7
Phenol-d6
Concen: 128.445 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

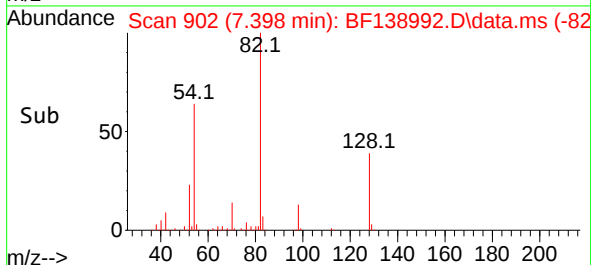
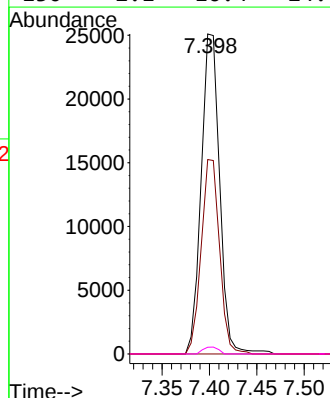
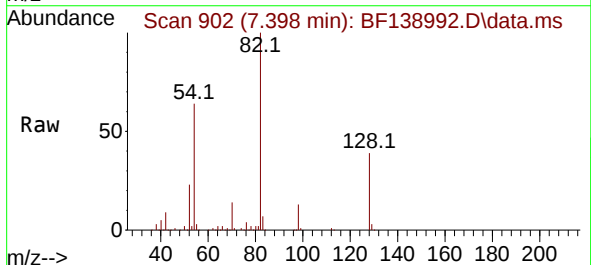
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP

Tgt Ion: 99 Resp: 369133
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.672 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

Tgt Ion: 70 Resp: 34145
Ion Ratio Lower Upper
70 100
42 60.8 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#

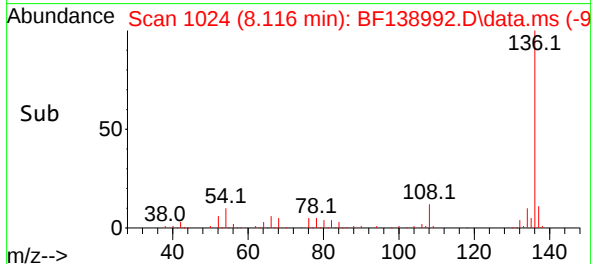
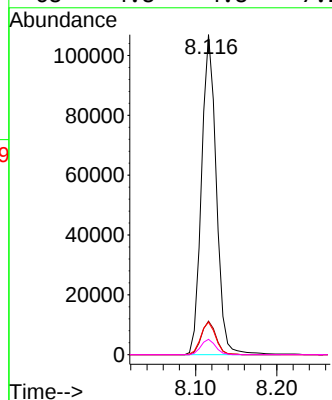
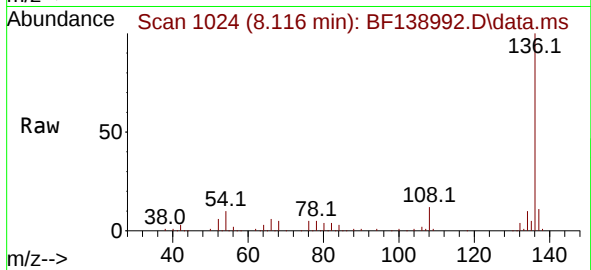




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

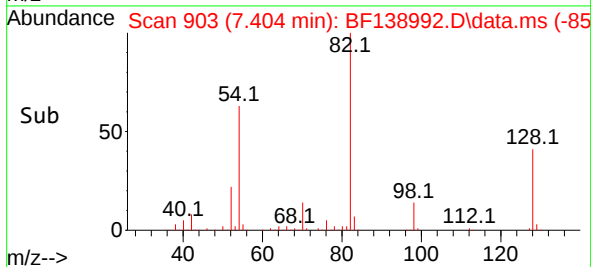
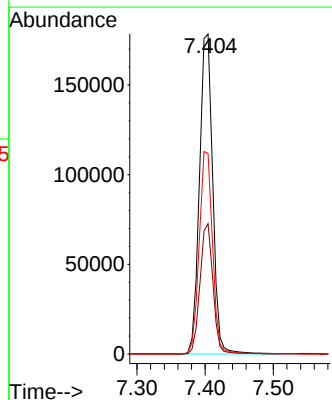
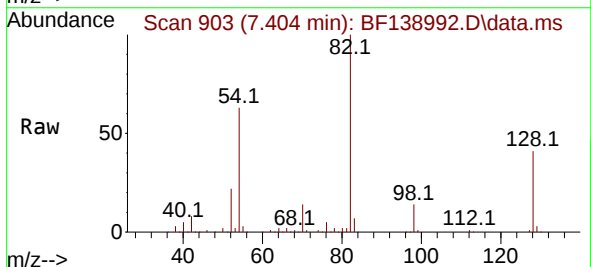
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP

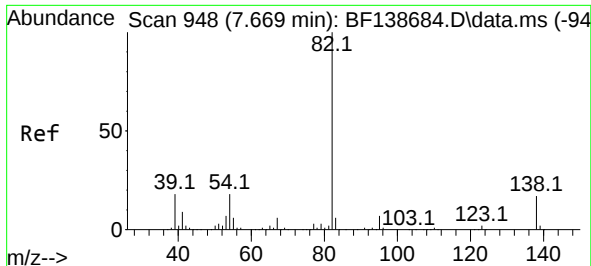
Tgt Ion:	136	Resp:	135315
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.1	8.6	12.8
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.427 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

Tgt Ion:	82	Resp:	241968
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.8	49.2
54	62.7	48.3	72.5

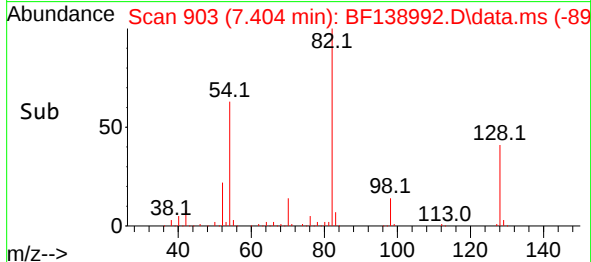
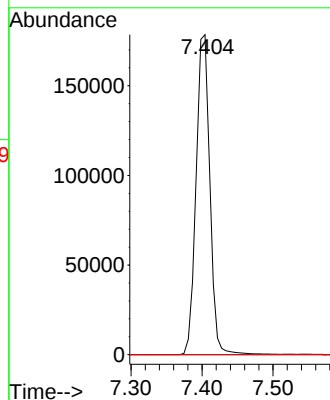
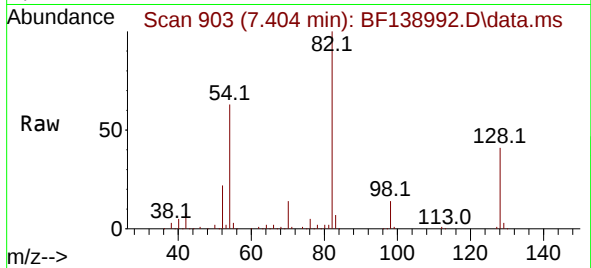




#25
Isophorone
Concen: 51.200 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

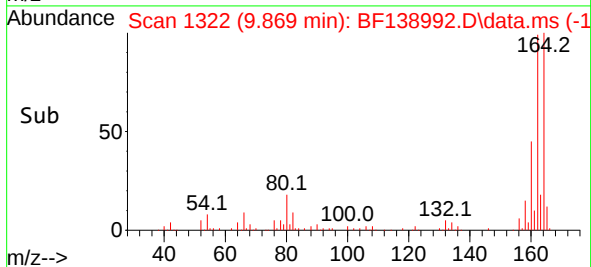
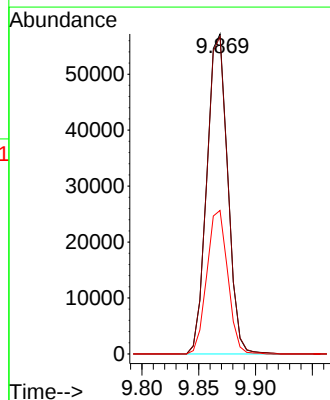
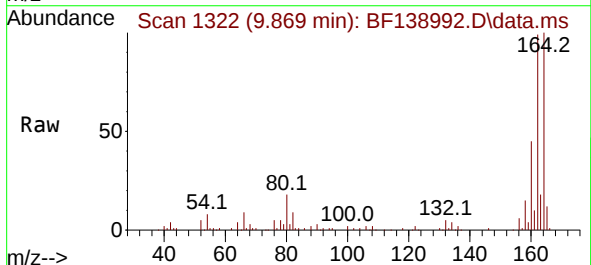
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP

Tgt Ion: 82 Resp: 241966
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: BF138992.D
Acq: 14 Aug 2024 14:08

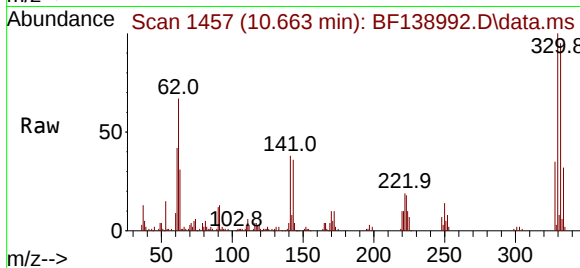
Tgt Ion:164 Resp: 72810
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 44.9 35.1 52.7



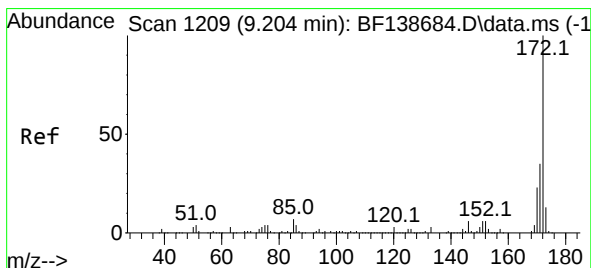
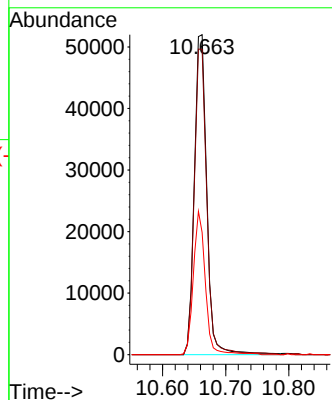
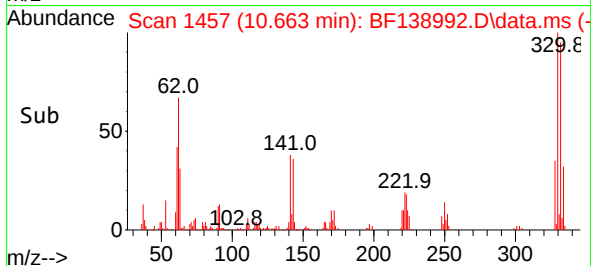


#42
2,4,6-Tribromophenol
Concen: 119.631 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

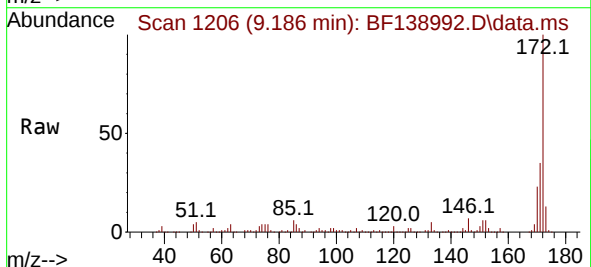
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP



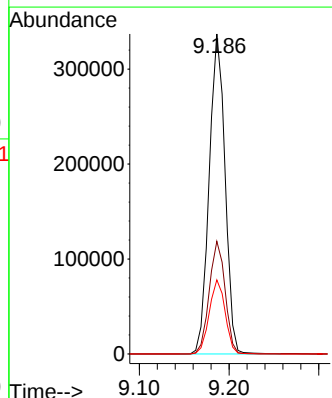
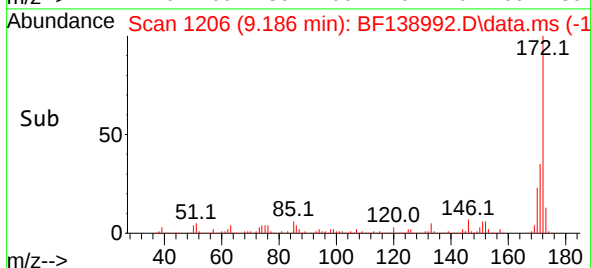
Tgt Ion: 330 Resp: 71349
Ion Ratio Lower Upper
330 100
332 96.1 76.4 114.6
141 43.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 85.445 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08



Tgt Ion: 172 Resp: 414063
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 18.8 28.2

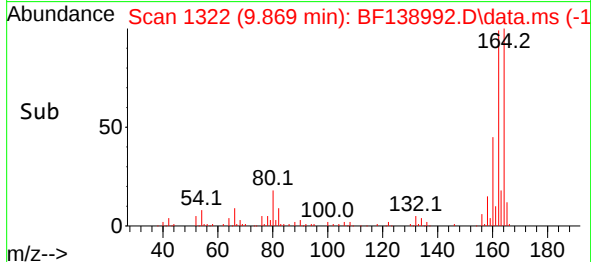
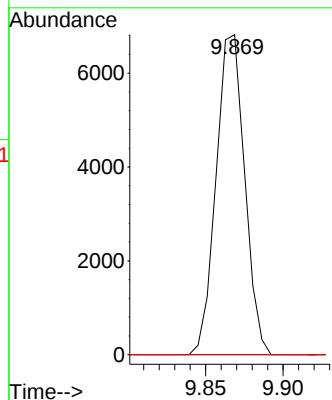
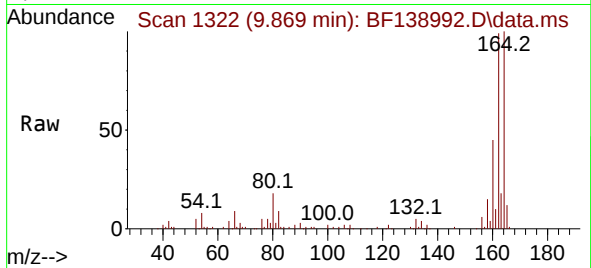




#51
2,6-Dinitrotoluene
Concen: 8.330 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

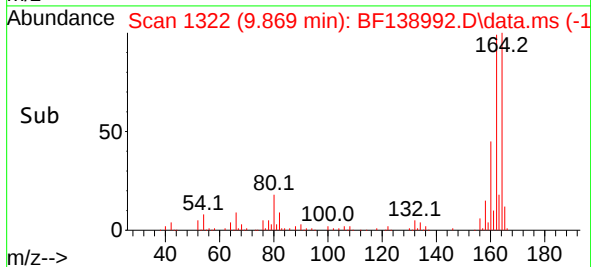
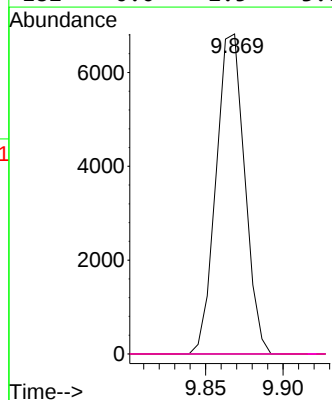
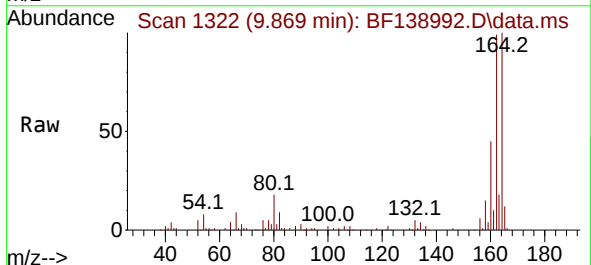
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP

Tgt Ion:165 Resp: 8752
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: 6.529 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

Tgt Ion:165 Resp: 8752
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: BF138992.D

Acq: 14 Aug 2024 14:08

Instrument :

BNA_F

ClientSampleId :

WC-B2-COMP

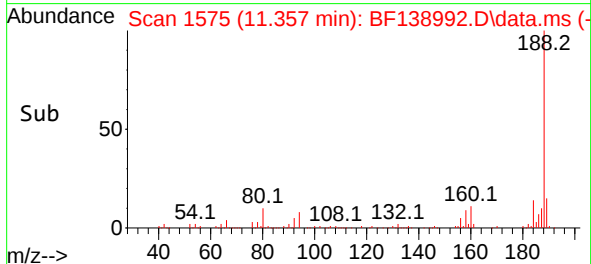
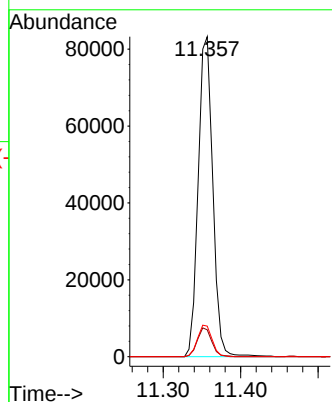
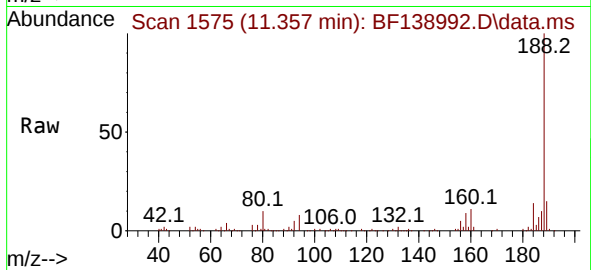
Tgt Ion:188 Resp: 108422

Ion Ratio Lower Upper

188 100

94 8.4 7.6 11.4

80 9.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.460 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF138992.D

Acq: 14 Aug 2024 14:08

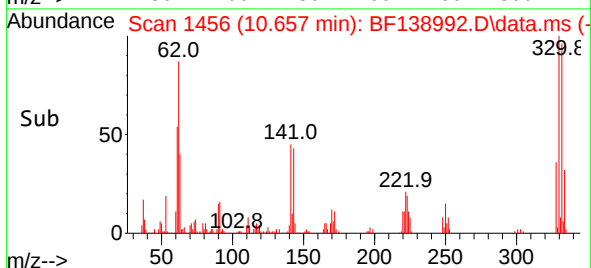
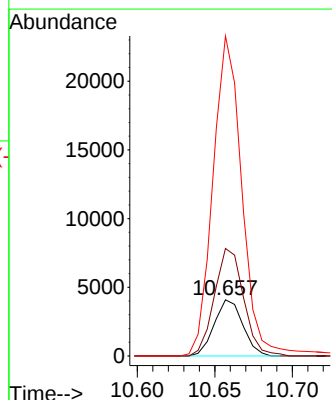
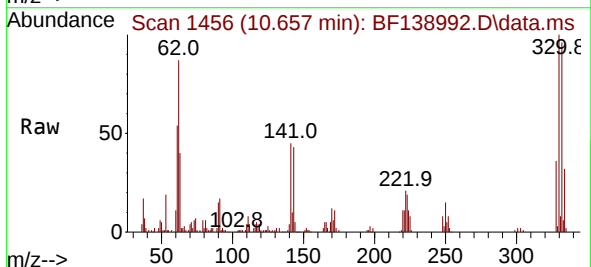
Tgt Ion:248 Resp: 5235

Ion Ratio Lower Upper

248 100

250 191.4 77.7 116.5#

141 569.6 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: BF138992.D

Acq: 14 Aug 2024 14:08

Instrument :

BNA_F

ClientSampleId :

WC-B2-COMP

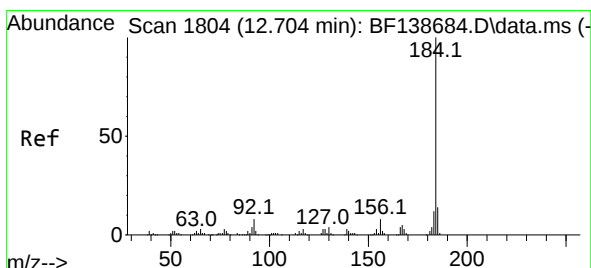
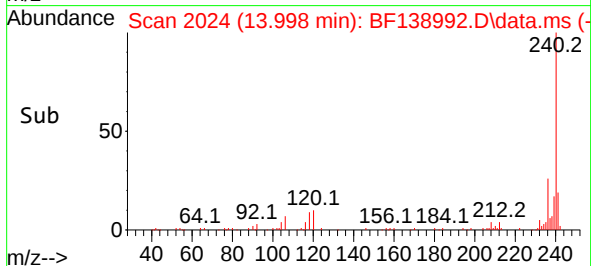
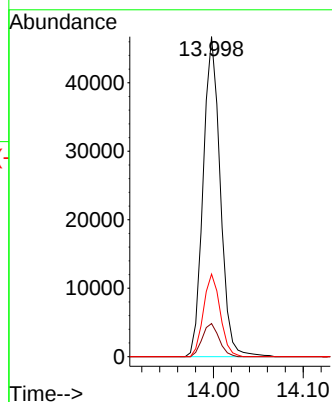
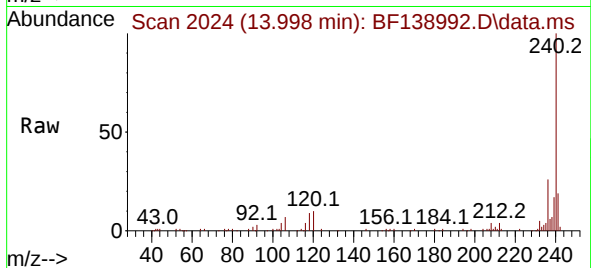
Tgt Ion:240 Resp: 61880

Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

236 25.8 19.8 29.8



#77

Benzidine

Concen: 2.893 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.229 min

Lab File: BF138992.D

Acq: 14 Aug 2024 14:08

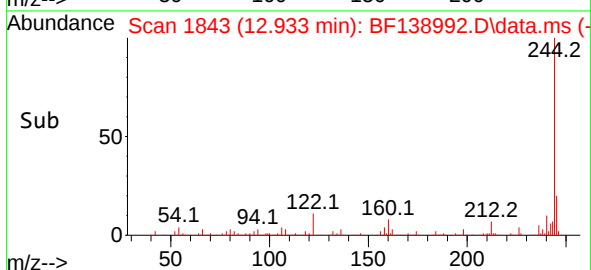
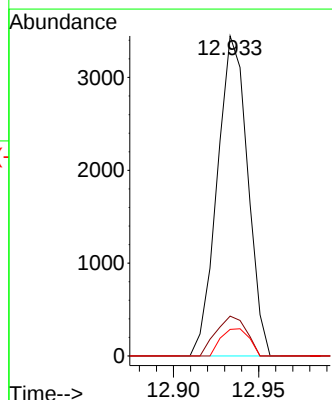
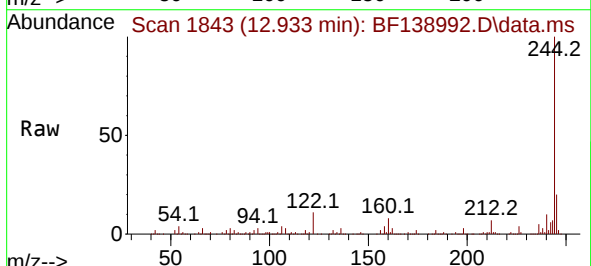
Tgt Ion:184 Resp: 4282

Ion Ratio Lower Upper

184 100

185 12.5 11.1 16.7

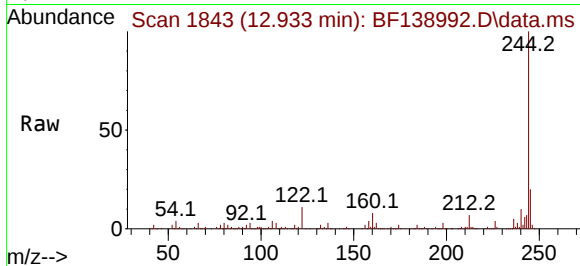
183 8.3 9.6 14.4#



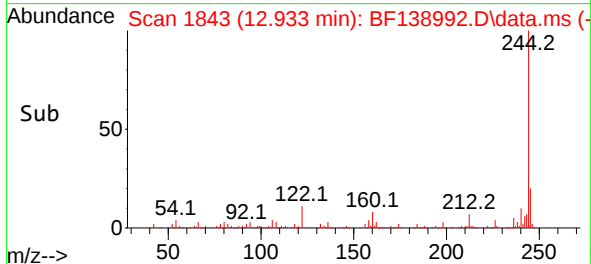
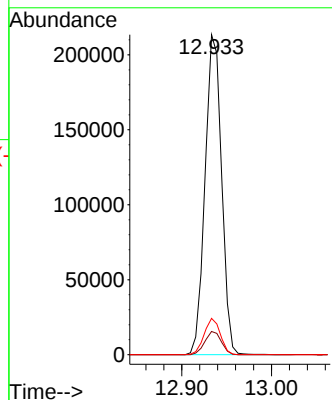


#79
 Terphenyl-d14
 Concen: 73.917 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF138992.D
 Acq: 14 Aug 2024 14:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-B2-COMP



Tgt Ion:244 Resp: 273194
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138992.D
 Acq: 14 Aug 2024 14:08

Tgt Ion:264 Resp: 55831
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.6
 265 20.5 17.0 25.6

