

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138962.D
 Acq On : 13 Aug 2024 05:24
 Operator : RC/JU
 Sample : P3474-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-COMP

Quant Time: Aug 13 05:52:39 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)

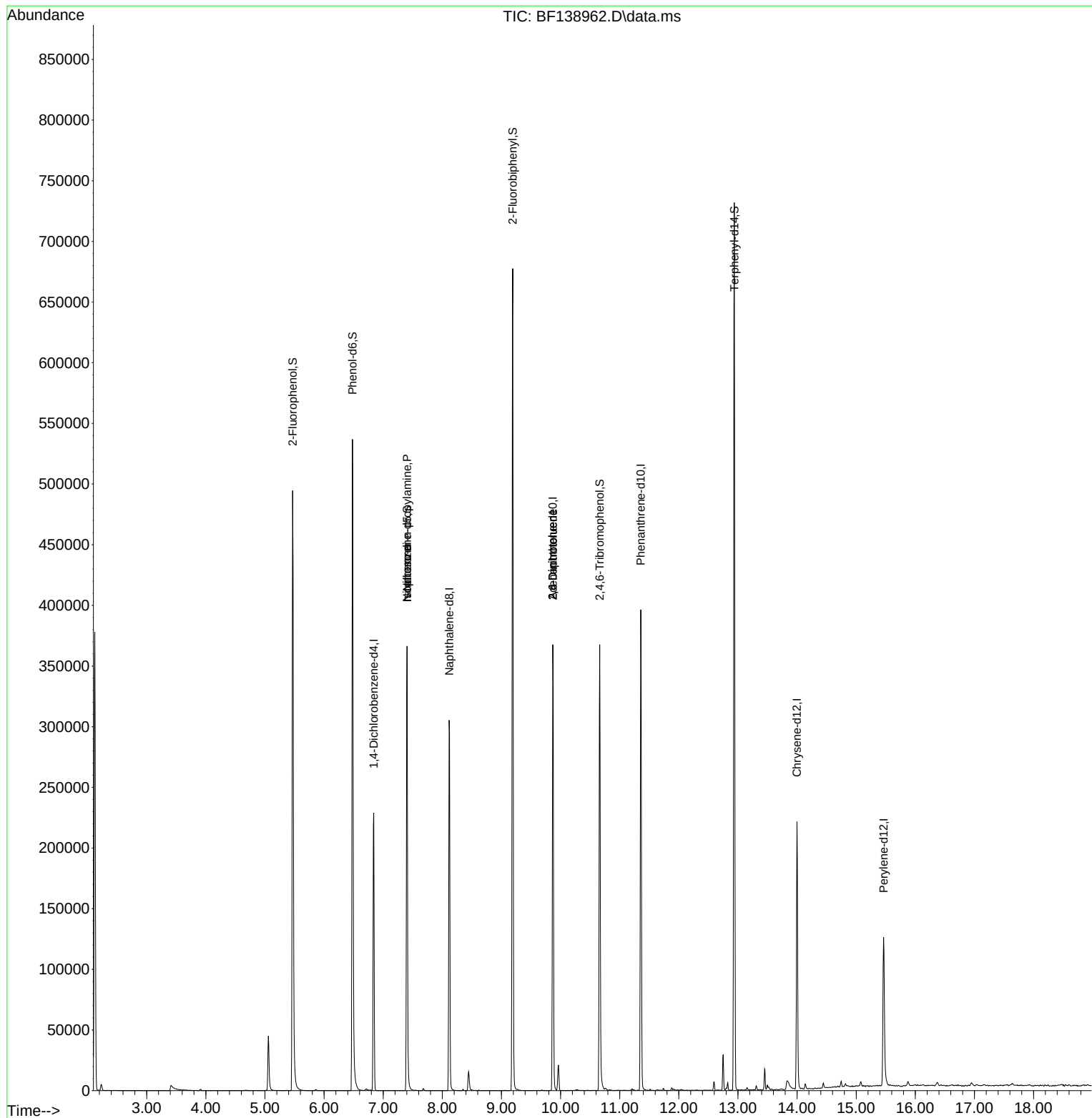
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	44053	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	190410	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	109047	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	204934	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	108191	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	83952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	173811	60.905	ng	0.00
7) Phenol-d6	6.481	99	238836	62.334	ng	0.00
23) Nitrobenzene-d5	7.404	82	154467	39.662	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	55155	61.747	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	286063	39.415	ng	-0.01
79) Terphenyl-d14	12.939	244	333474	51.605	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	21958	9.488	ng	# 79
25) Isophorone	7.404	82	154466	23.228	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13319	8.464	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	13319	6.634	ng	# 18

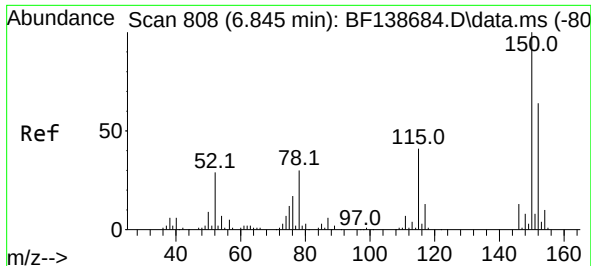
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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QLast Update : Tue Jul 30 17:50:01 2024
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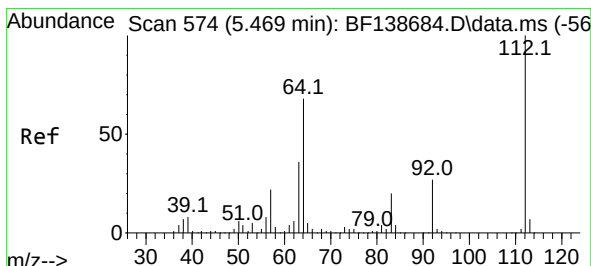
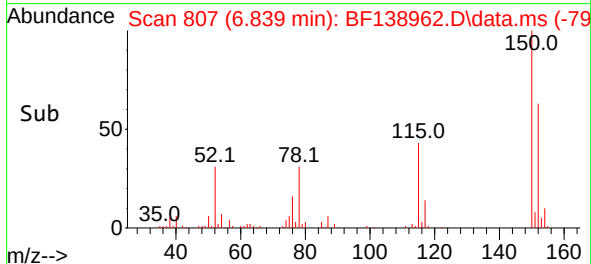
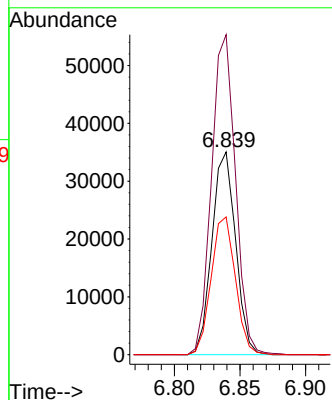
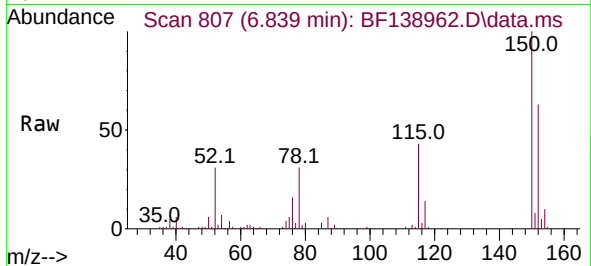




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

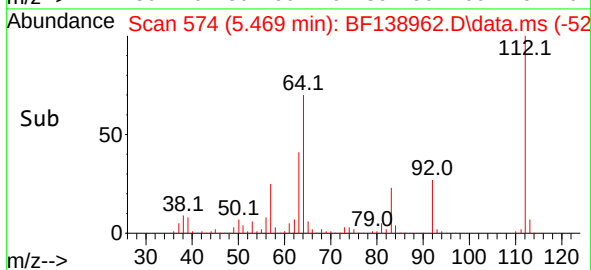
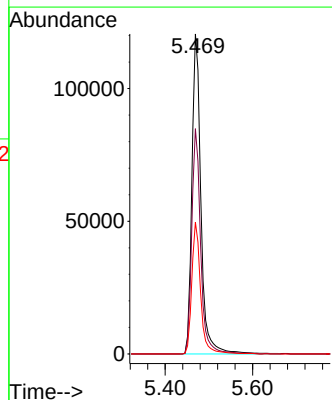
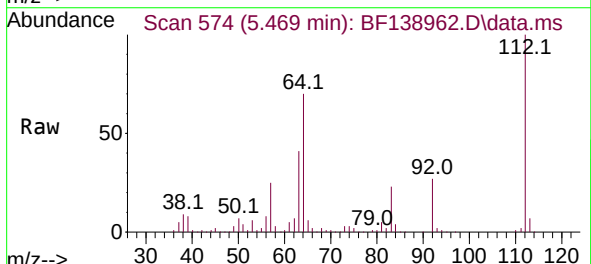
Instrument :
BNA_F
ClientSampleId :
WC-B1-COMP

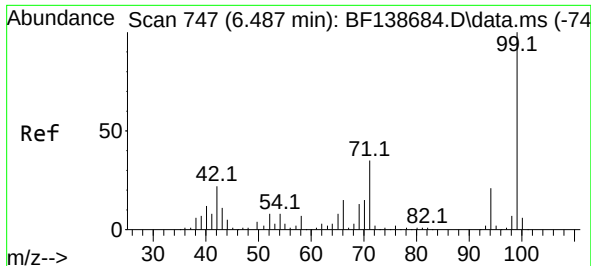
Tgt Ion:152 Resp: 44053
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 67.9 51.7 77.5



#5
2-Fluorophenol
Concen: 60.905 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Tgt Ion:112 Resp: 173811
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.4
63 41.2 28.7 43.1

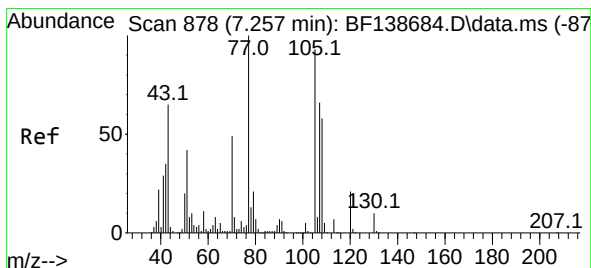
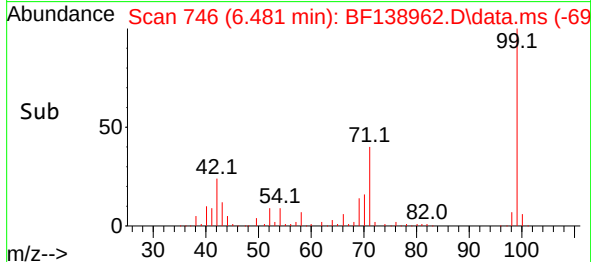
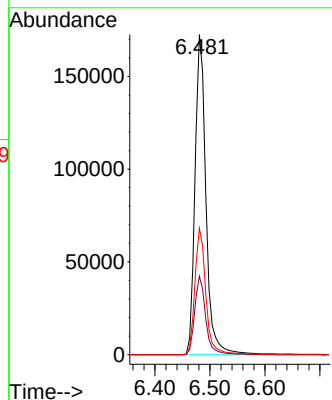
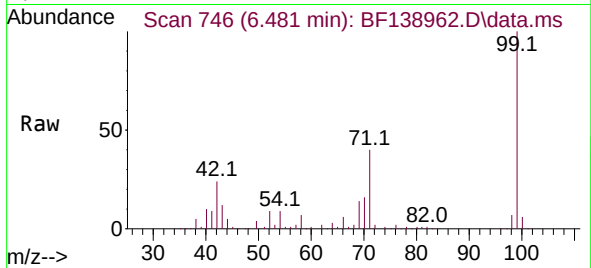




#7
Phenol-d6
Concen: 62.334 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

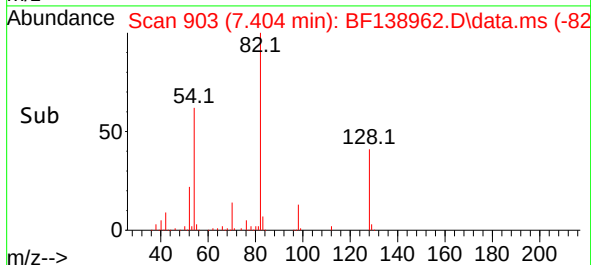
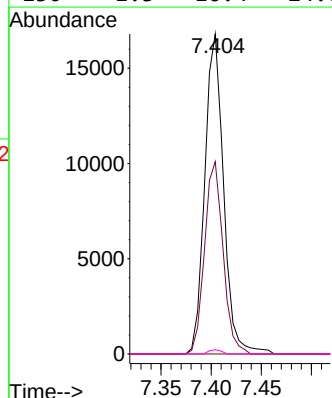
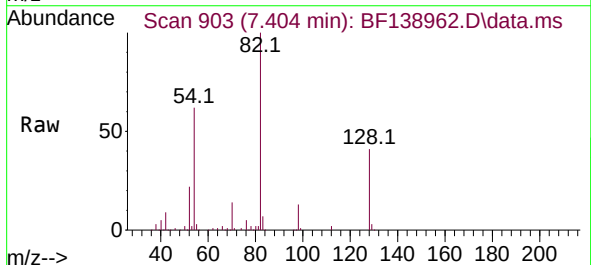
Instrument :
BNA_F
ClientSampleId :
WC-B1-COMP

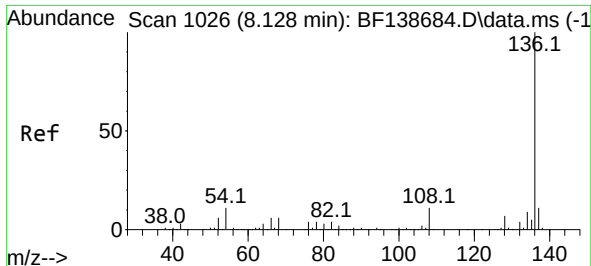
Tgt Ion: 99 Resp: 238836
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 39.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.488 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Tgt Ion: 70 Resp: 21958
Ion Ratio Lower Upper
70 100
42 60.1 57.4 86.0
101 0.0 7.5 11.3#
130 1.3 16.4 24.6#



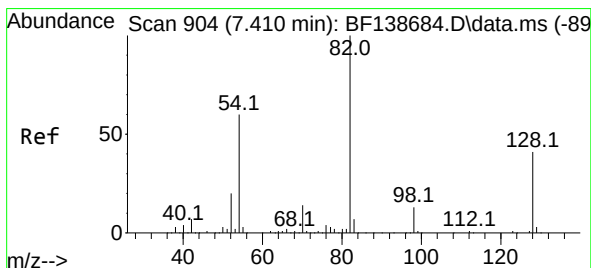
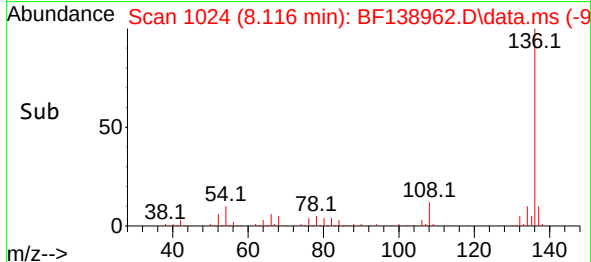
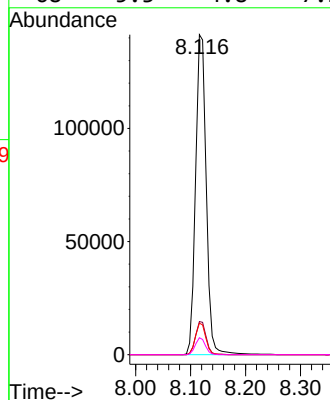
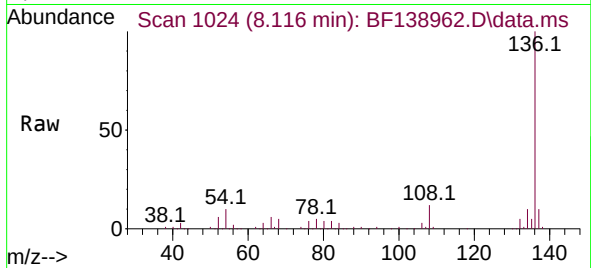


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Instrument :
BNA_F
ClientSampleId :
WC-B1-COMP

Tgt Ion:136 Resp: 190410

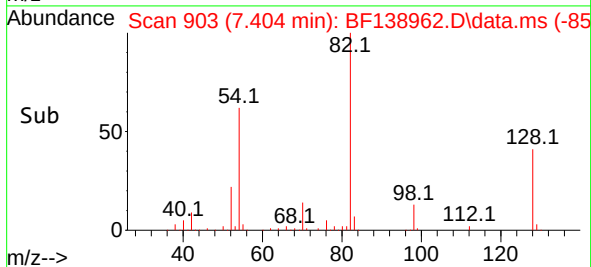
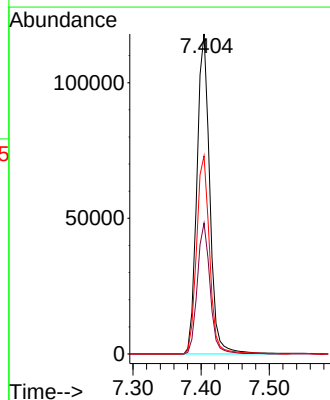
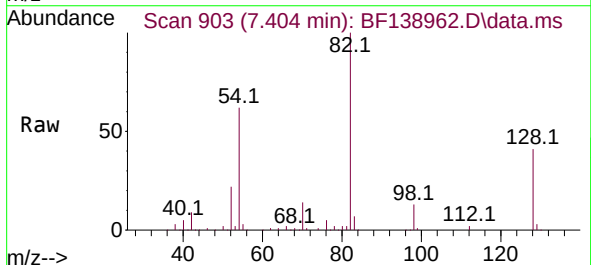
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.9	8.6	12.8
68	5.3	4.8	7.2

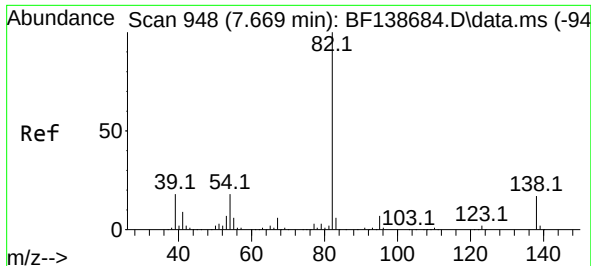


#23
Nitrobenzene-d5
Concen: 39.662 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Tgt Ion: 82 Resp: 154467

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.8	49.2
54	61.9	48.3	72.5

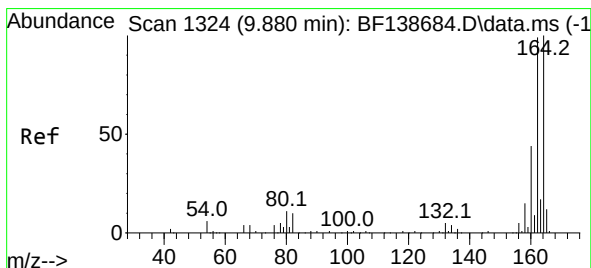
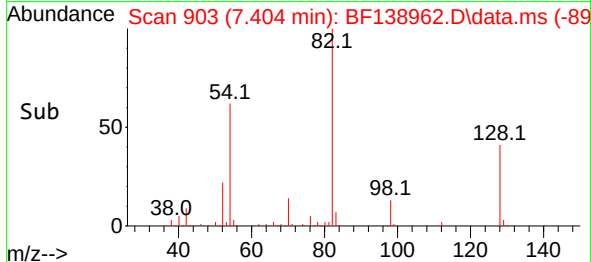
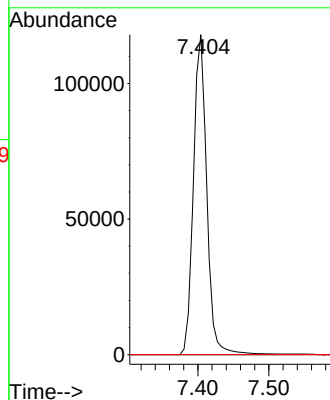
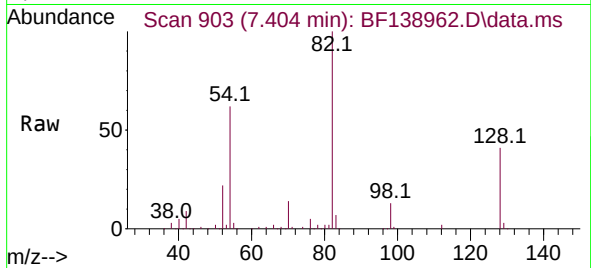




#25
Isophorone
Concen: 23.228 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

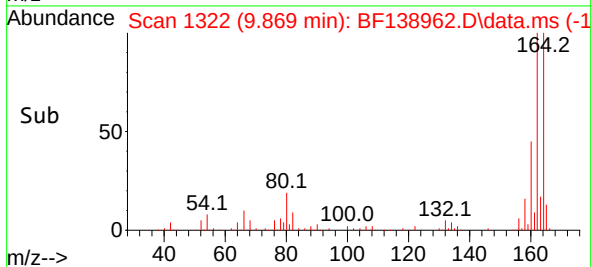
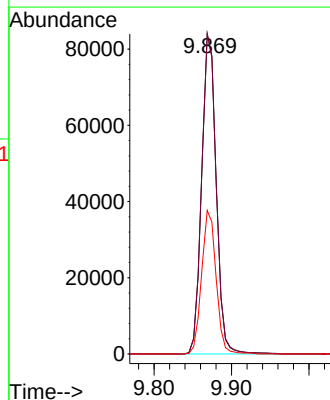
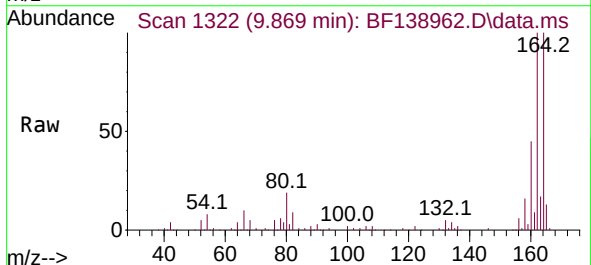
Instrument :
BNA_F
ClientSampleId :
WC-B1-COMP

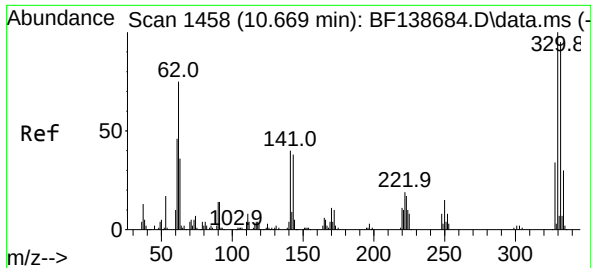
Tgt Ion: 82 Resp: 154466
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

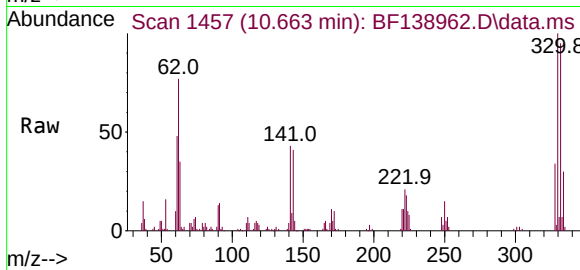
Tgt Ion:164 Resp: 109047
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.9 35.1 52.7



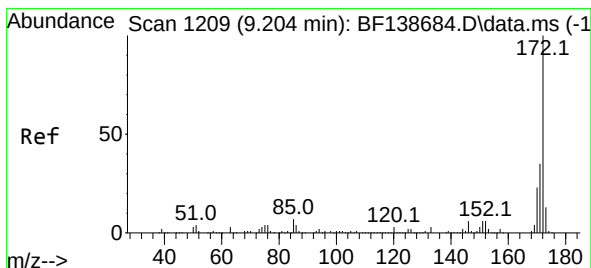
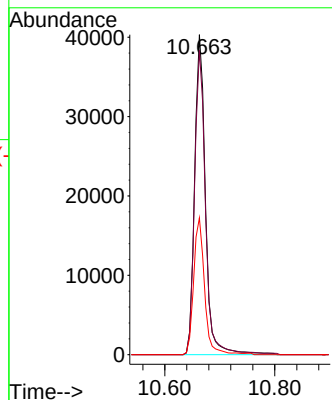
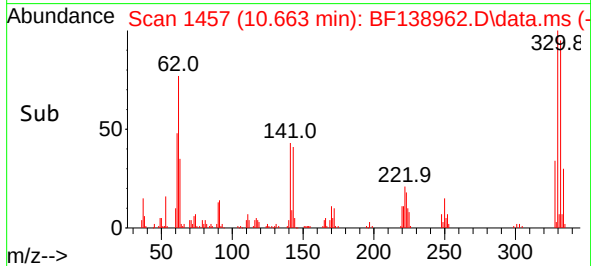


#42
2,4,6-Tribromophenol
Concen: 61.747 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Instrument :
BNA_F
ClientSampleId :
WC-B1-COMP

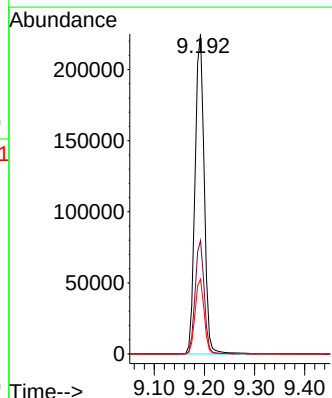
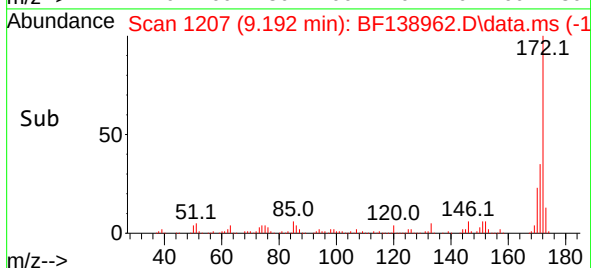
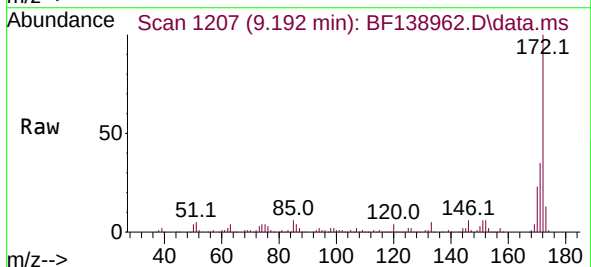


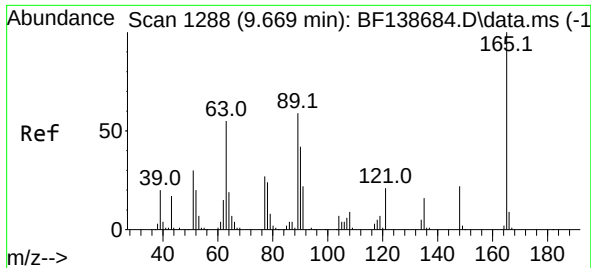
Tgt Ion: 330 Resp: 55155
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 43.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 39.415 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Tgt Ion: 172 Resp: 286063
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.8 28.2

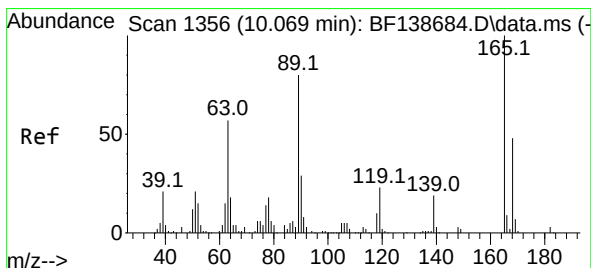
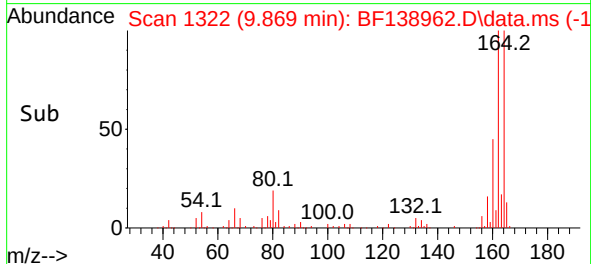
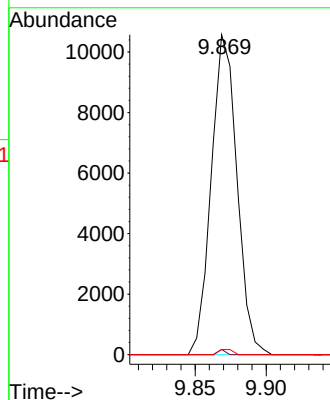
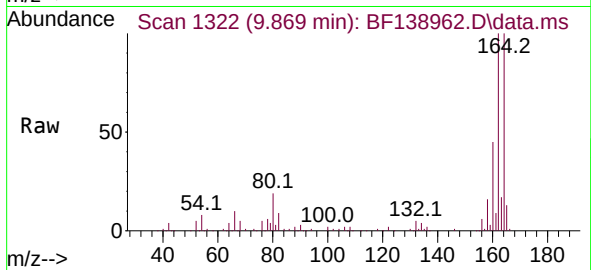




#51
2,6-Dinitrotoluene
Concen: 8.464 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

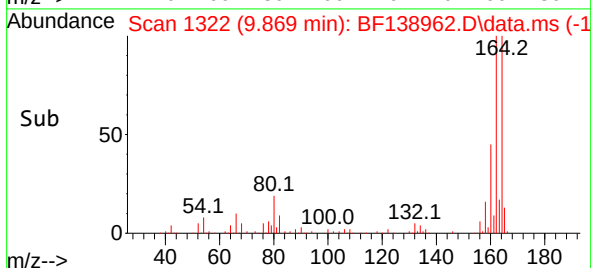
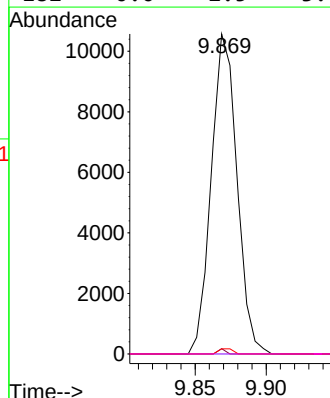
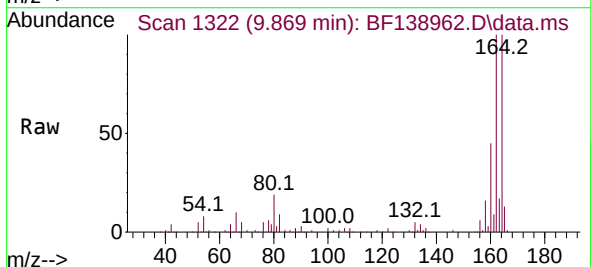
Instrument :
BNA_F
ClientSampleId :
WC-B1-COMP

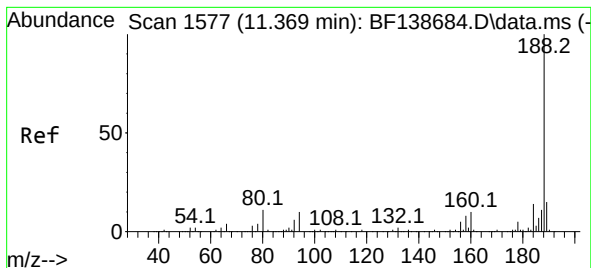
Tgt Ion:165 Resp: 13319
Ion Ratio Lower Upper
165 100
63 1.6 52.0 78.0#
89 1.6 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.634 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Tgt Ion:165 Resp: 13319
Ion Ratio Lower Upper
165 100
63 1.6 46.3 69.5#
89 1.6 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: BF138962.D

Acq: 13 Aug 2024 05:24

Instrument :

BNA_F

ClientSampleId :

WC-B1-COMP

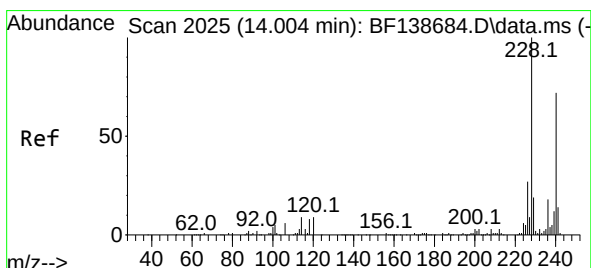
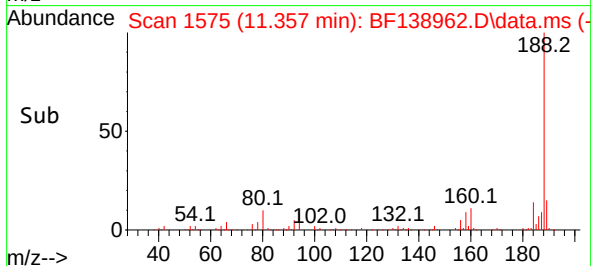
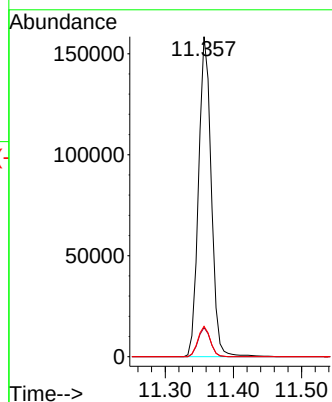
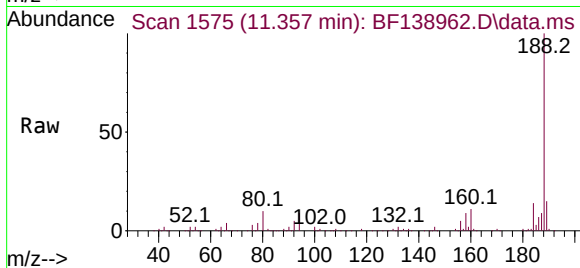
Tgt Ion:188 Resp: 204934

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.5 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF138962.D

Acq: 13 Aug 2024 05:24

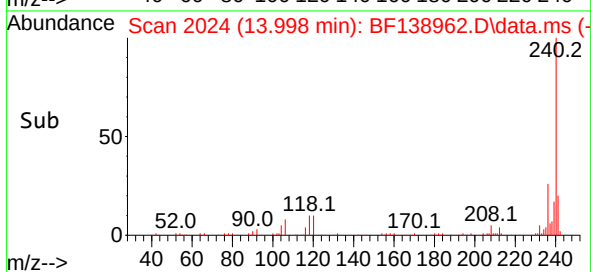
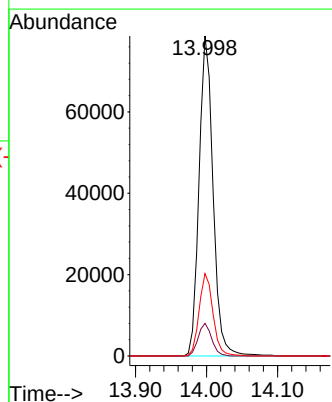
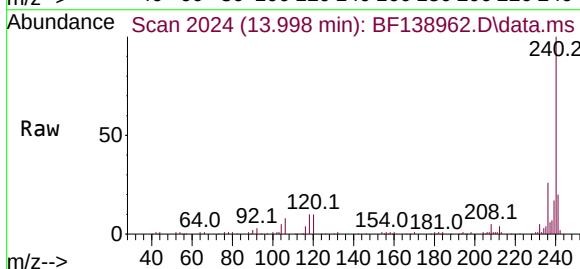
Tgt Ion:240 Resp: 108191

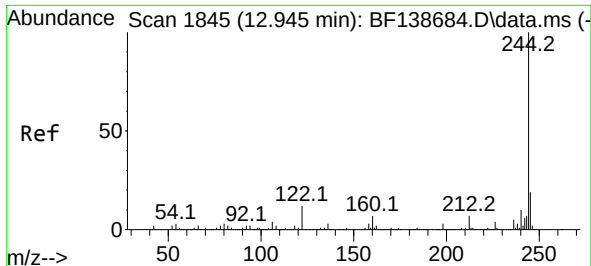
Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

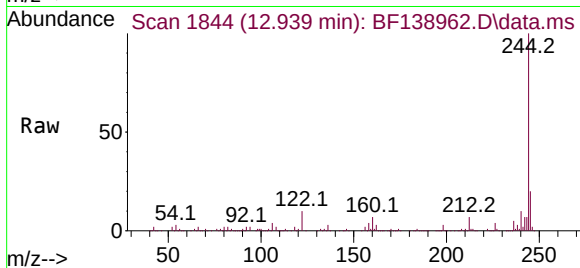
236 25.7 19.8 29.8



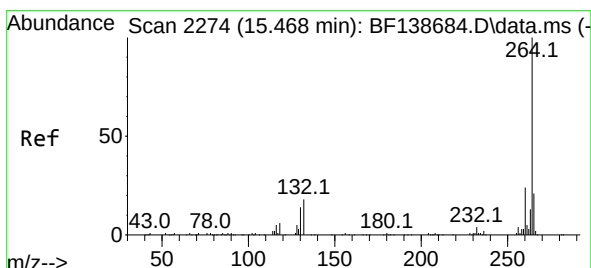
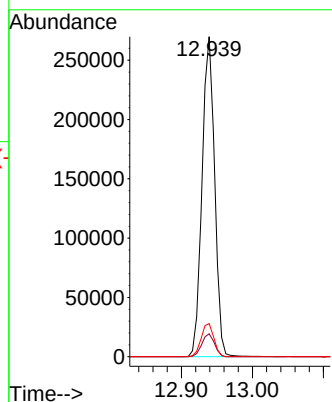
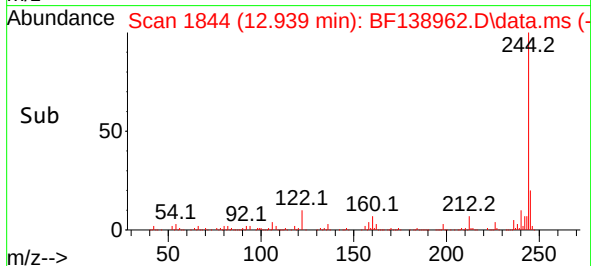


#79
 Terphenyl-d14
 Concen: 51.605 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138962.D
 Acq: 13 Aug 2024 05:24

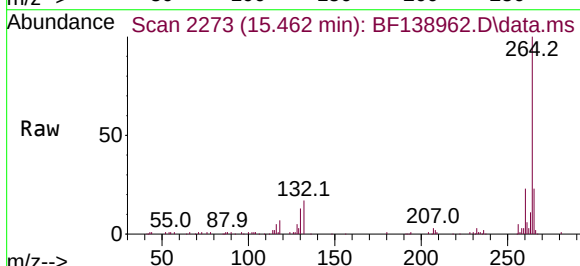
Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-COMP



Tgt Ion:244 Resp: 333474
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.3 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: BF138962.D
 Acq: 13 Aug 2024 05:24



Tgt Ion:264 Resp: 83952
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 22.7 17.0 25.6

