

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138947.D
 Acq On : 12 Aug 2024 21:59
 Operator : RC/JU
 Sample : P3530-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-04-202408

Quant Time: Aug 13 01:02:36 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)

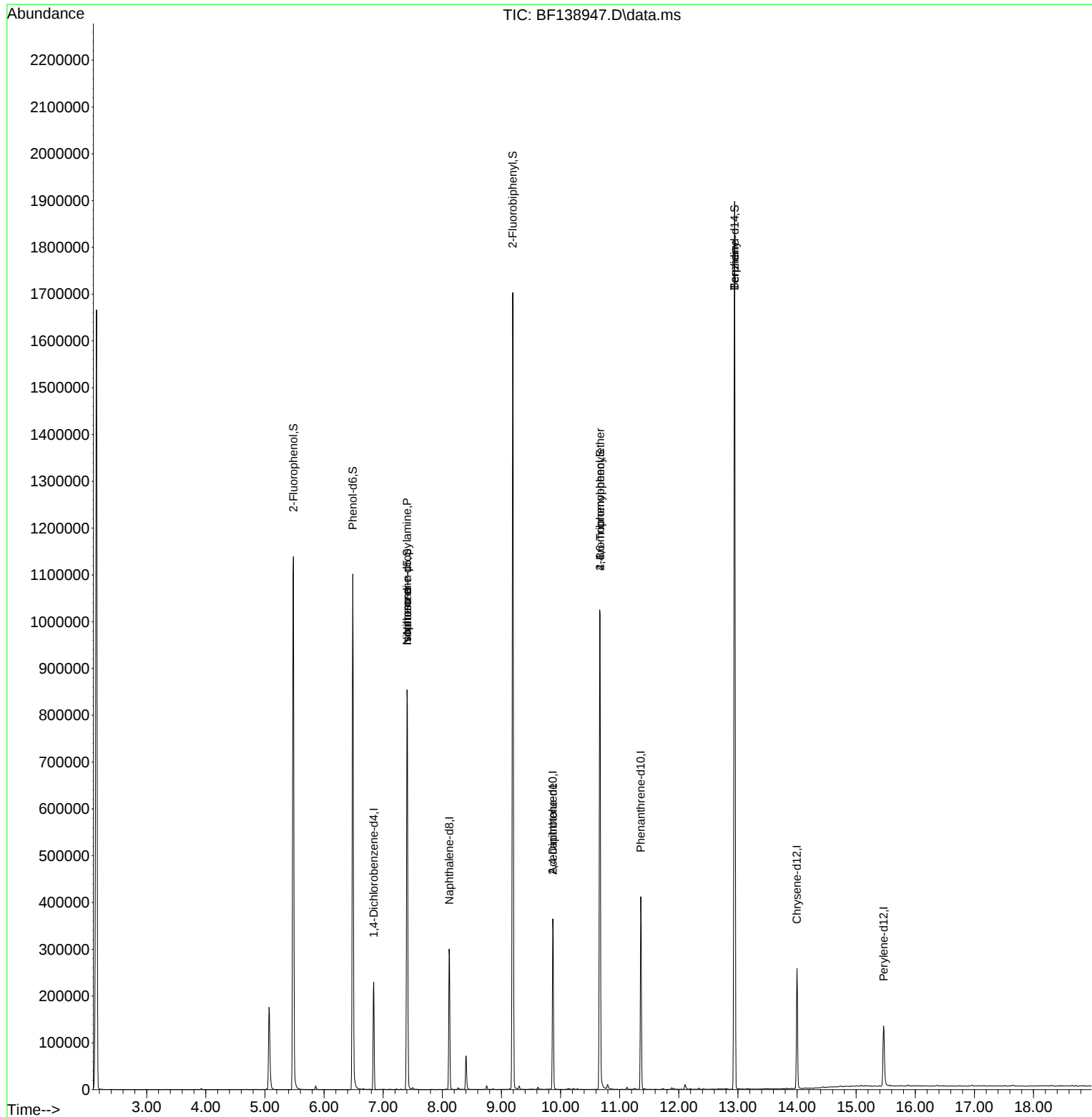
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43646	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	181066	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	106749	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	201814	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	118832	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	87044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	393826	139.287	ng	0.01
7) Phenol-d6	6.487	99	479379	126.280	ng	0.00
23) Nitrobenzene-d5	7.404	82	386953	104.485	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	156795	179.314	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	726232	102.218	ng	-0.01
79) Terphenyl-d14	12.945	244	938760	132.265	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	53630	23.391	ng	# 78
25) Isophorone	7.404	82	386948	61.189	ng	# 66
57) 2,4-Dinitrotoluene	9.869	165	13322	6.778	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	11015	5.041	ng	# 1
77) Benzidine	12.945	184	13157	4.629	ng	# 91

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

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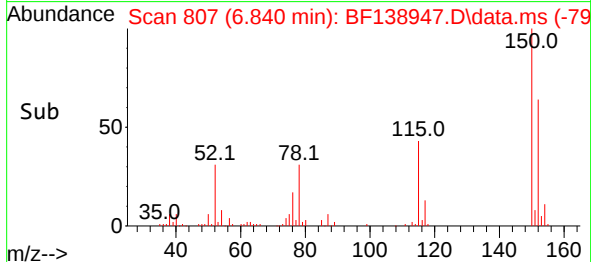
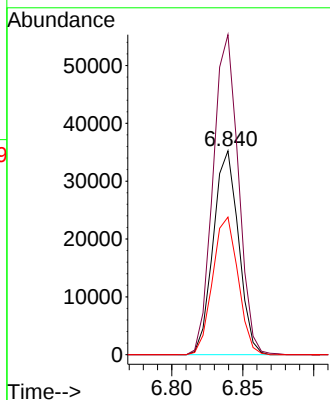
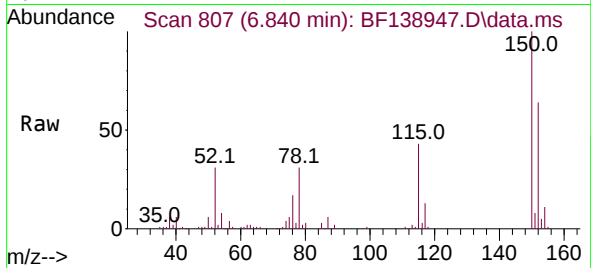




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

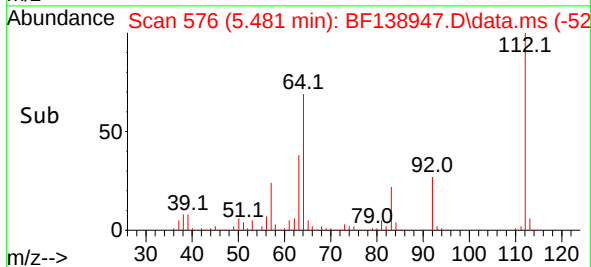
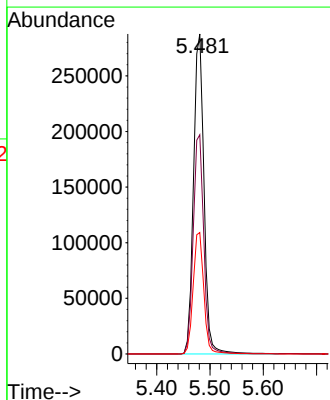
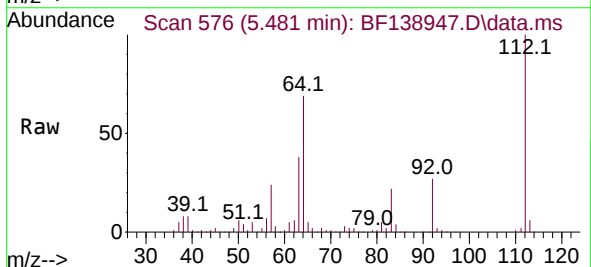
Instrument :
BNA_F
ClientSampleId :
WC-A-04-202408

Tgt Ion:152 Resp: 43646
Ion Ratio Lower Upper
152 100
150 157.0 126.0 189.0
115 67.6 51.7 77.5



#5
2-Fluorophenol
Concen: 139.287 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

Tgt Ion:112 Resp: 393826
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.9 28.7 43.1

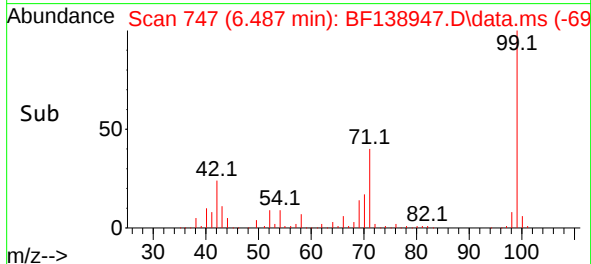
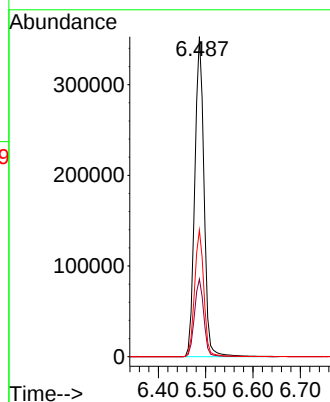
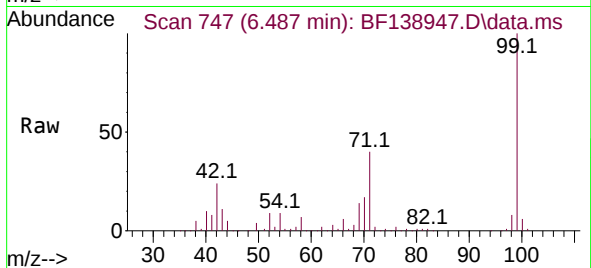




#7
Phenol-d6
Concen: 126.280 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

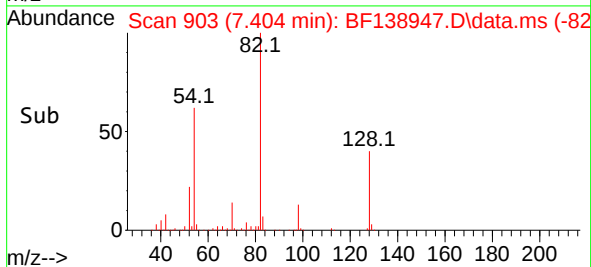
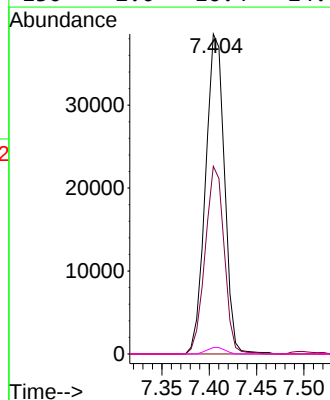
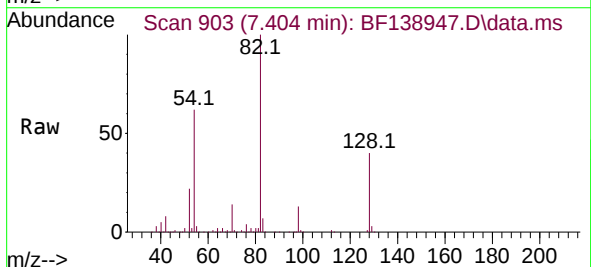
Instrument :
BNA_F
ClientSampleId :
WC-A-04-202408

Tgt Ion: 99 Resp: 479379
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 39.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 23.391 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

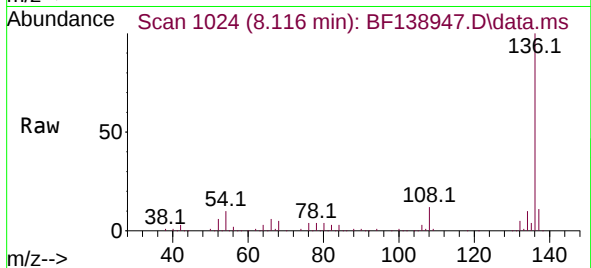
Tgt Ion: 70 Resp: 53630
Ion Ratio Lower Upper
70 100
42 58.6 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#



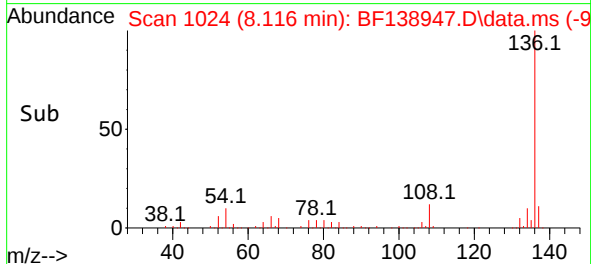
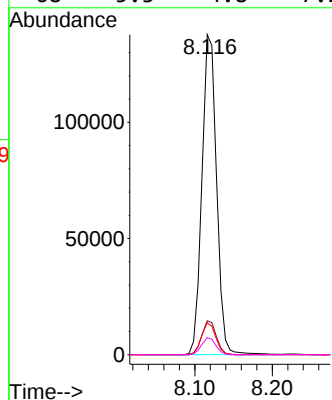


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

Instrument :
BNA_F
ClientSampleId :
WC-A-04-202408

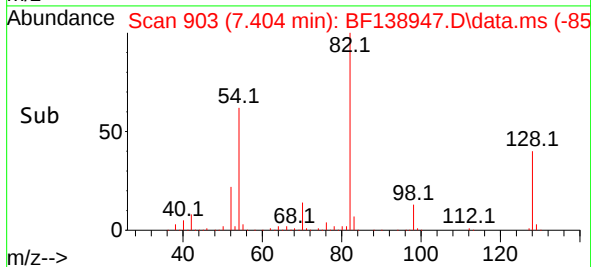
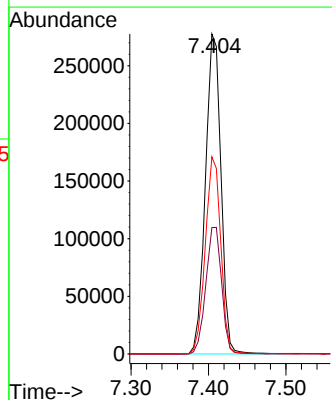
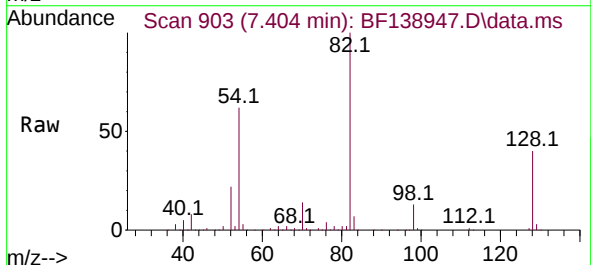


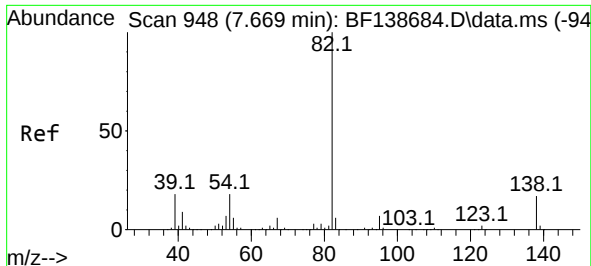
Tgt Ion:	136	Resp:	181066
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.9	8.6	12.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 104.485 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

Tgt Ion:	82	Resp:	386953
Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.8	49.2
54	61.6	48.3	72.5

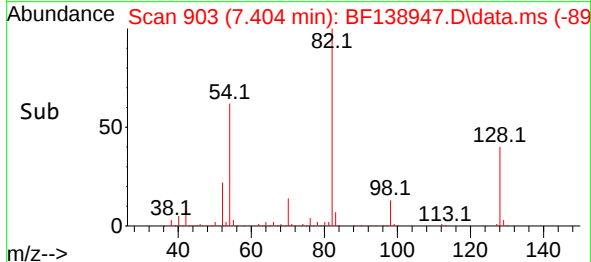
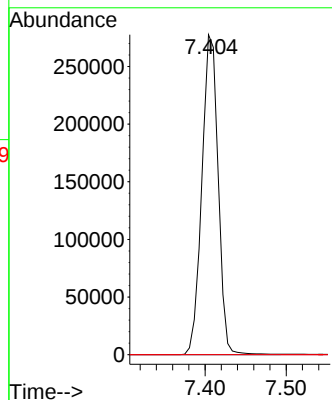
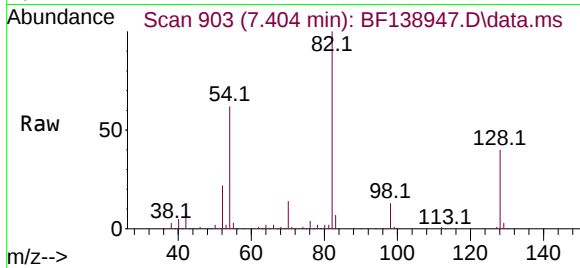




#25
Isophorone
Concen: 61.189 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

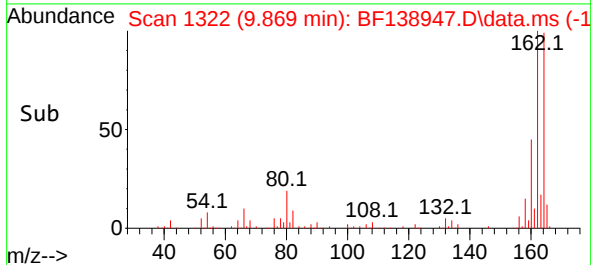
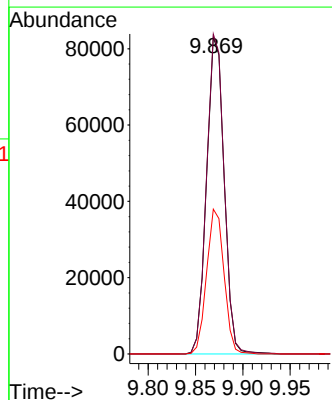
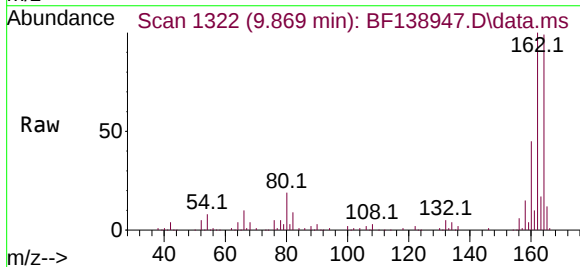
Instrument :
BNA_F
ClientSampleId :
WC-A-04-202408

Tgt Ion: 82 Resp: 386948
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: BF138947.D
Acq: 12 Aug 2024 21:59

Tgt Ion:164 Resp: 106749
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 45.7 35.1 52.7

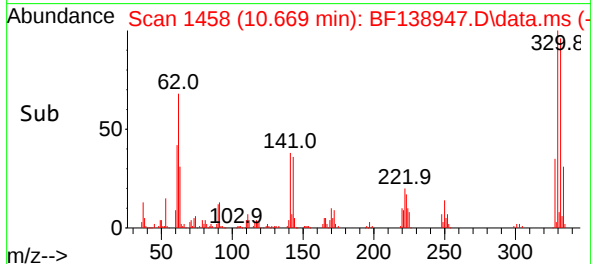
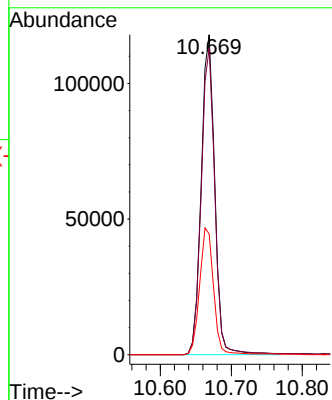
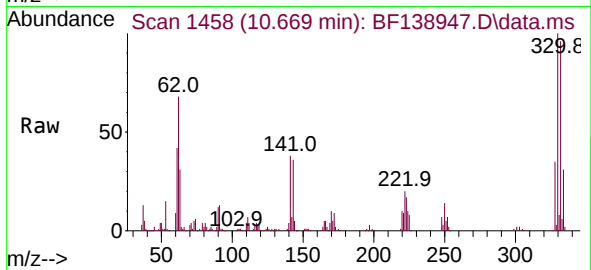




#42
2,4,6-Tribromophenol
Concen: 179.314 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

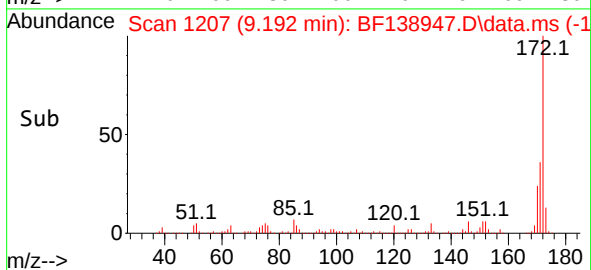
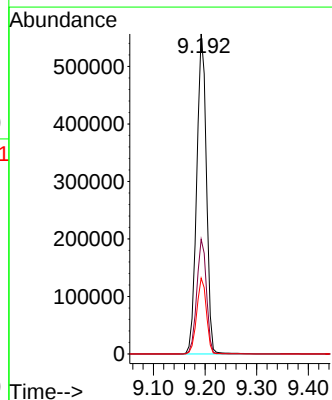
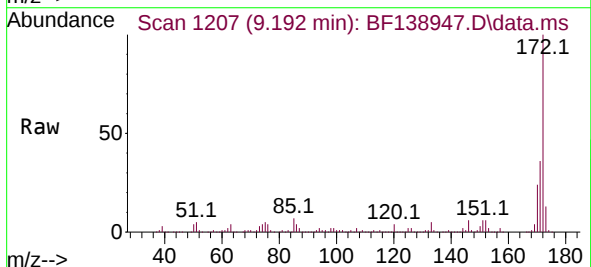
Instrument :
BNA_F
ClientSampleId :
WC-A-04-202408

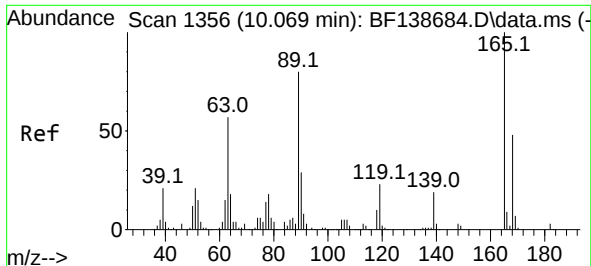
Tgt Ion:330 Resp: 156795
Ion Ratio Lower Upper
330 100
332 96.6 76.4 114.6
141 41.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 102.218 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

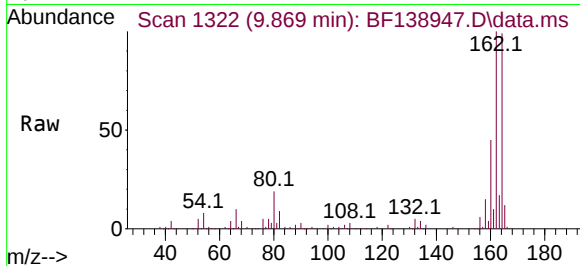
Tgt Ion:172 Resp: 726232
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.7 18.8 28.2



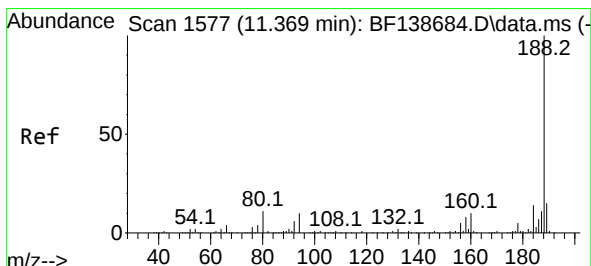
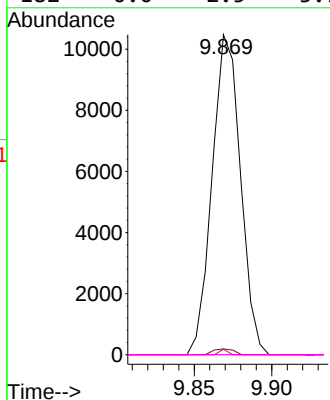
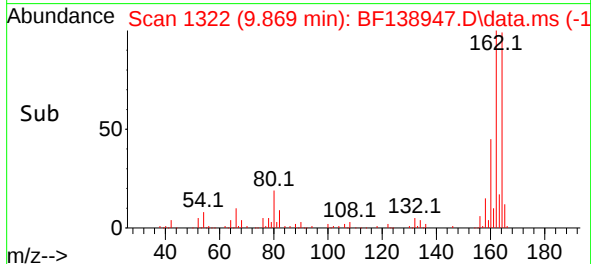


#57
2,4-Dinitrotoluene
Concen: 6.778 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

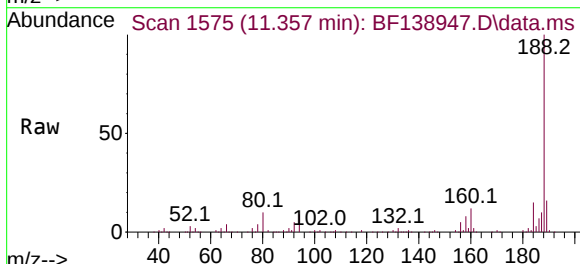
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ClientSampleId :
WC-A-04-202408



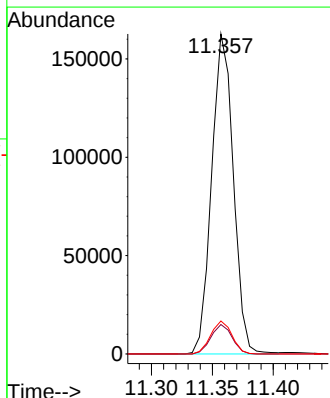
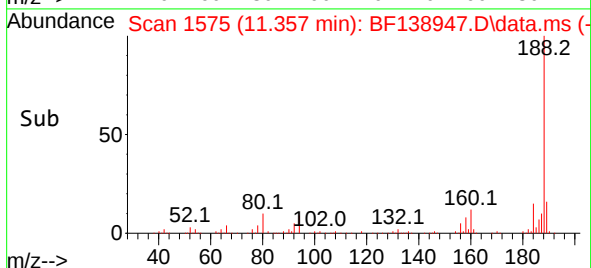
Tgt Ion:165 Resp: 13322
Ion Ratio Lower Upper
165 100
63 1.8 46.3 69.5#
89 1.7 64.2 96.4#
182 0.0 2.5 3.7#

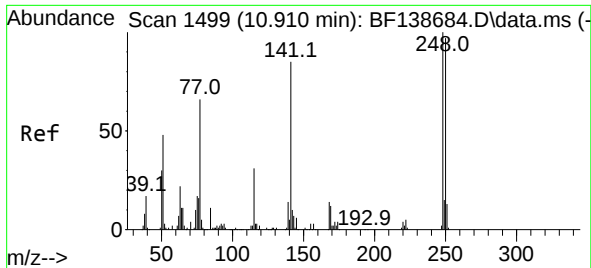


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59



Tgt Ion:188 Resp: 201814
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.3 8.6 12.8

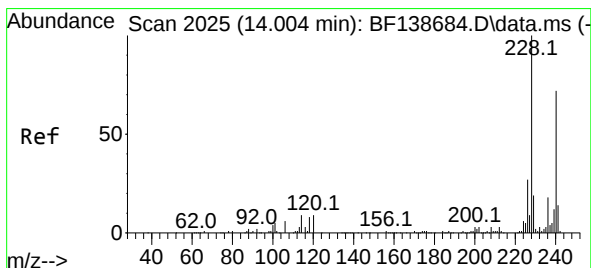
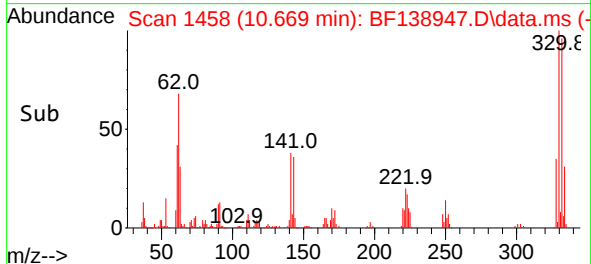
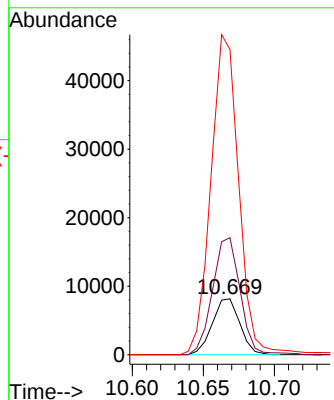
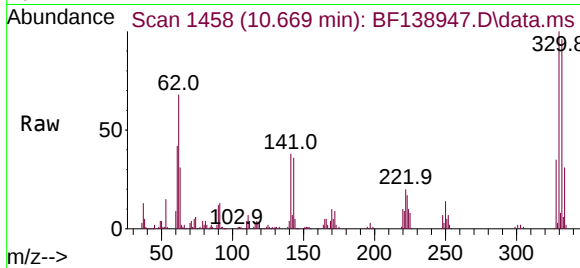




#67
4-Bromophenyl-phenylether
Concen: 5.041 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

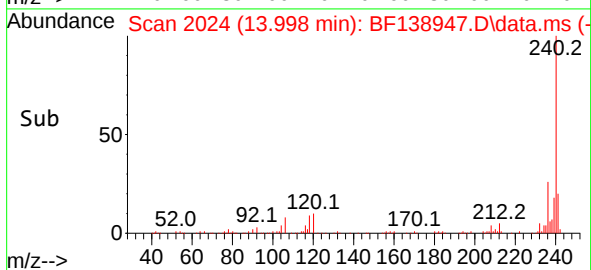
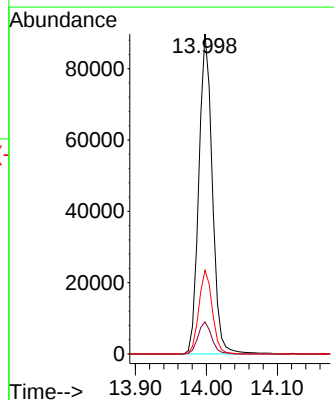
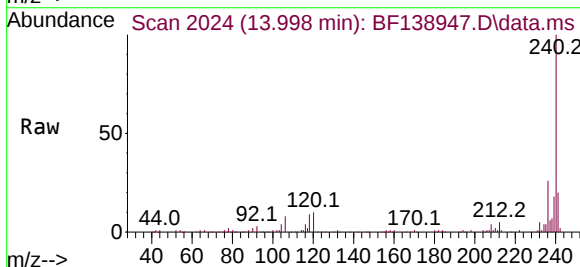
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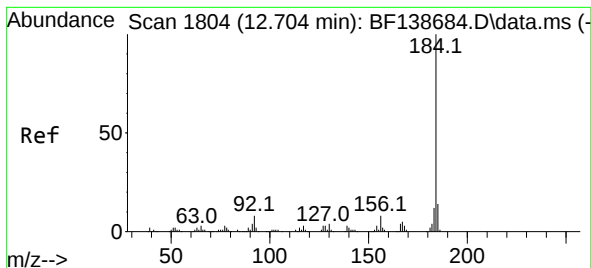
Tgt Ion:248 Resp: 11015
Ion Ratio Lower Upper
248 100
250 209.2 77.7 116.5#
141 546.3 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138947.D
Acq: 12 Aug 2024 21:59

Tgt Ion:240 Resp: 118832
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 26.1 19.8 29.8





#77

Benzidine

Concen: 4.629 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138947.D

Acq: 12 Aug 2024 21:59

Instrument :

BNA_F

ClientSampleId :

WC-A-04-202408

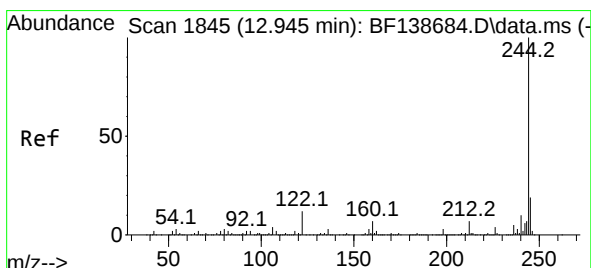
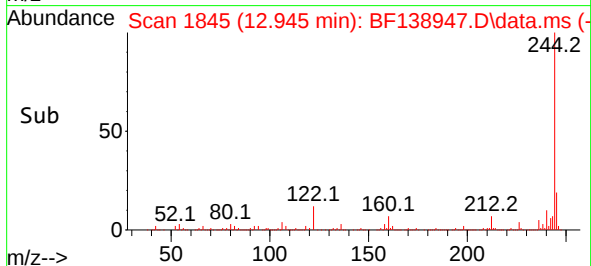
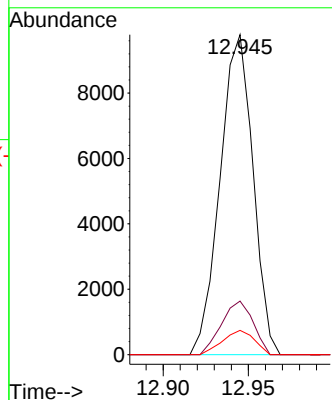
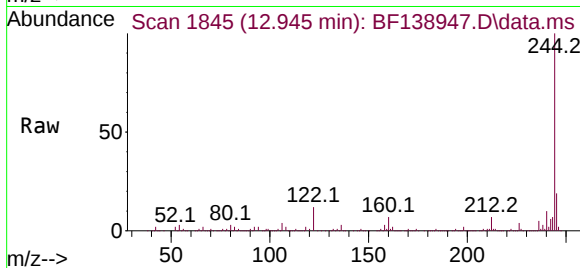
Tgt Ion:184 Resp: 13157

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

183 7.6 9.6 14.4#



#79

Terphenyl-d14

Concen: 132.265 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138947.D

Acq: 12 Aug 2024 21:59

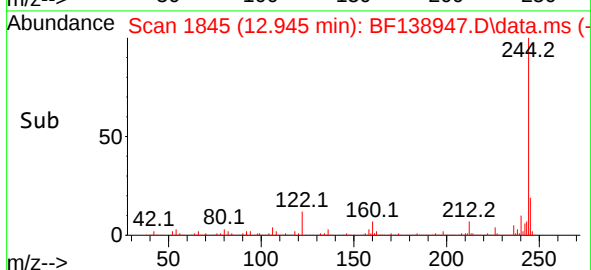
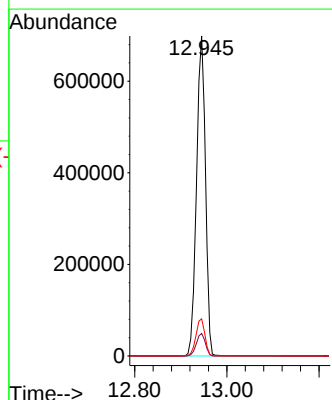
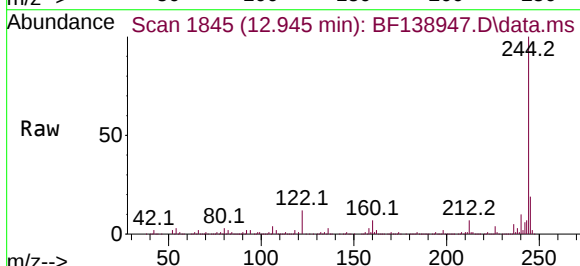
Tgt Ion:244 Resp: 938760

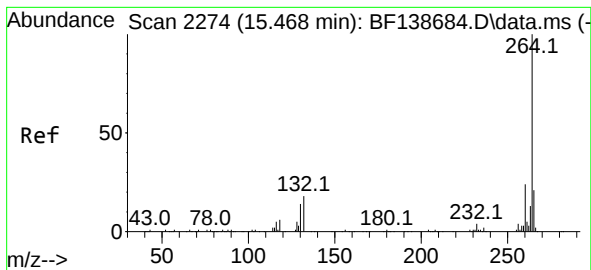
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.6 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138947.D

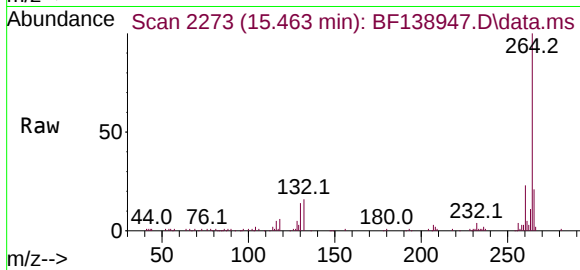
Acq: 12 Aug 2024 21:59

Instrument :

BNA_F

ClientSampleId :

WC-A-04-202408



Tgt Ion:264 Resp: 87044

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.3 17.0 25.6

