

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139020.D
 Acq On : 15 Aug 2024 13:51
 Operator : RC/JU
 Sample : P3574-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-06-202408

Quant Time: Aug 15 14:27:27 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)

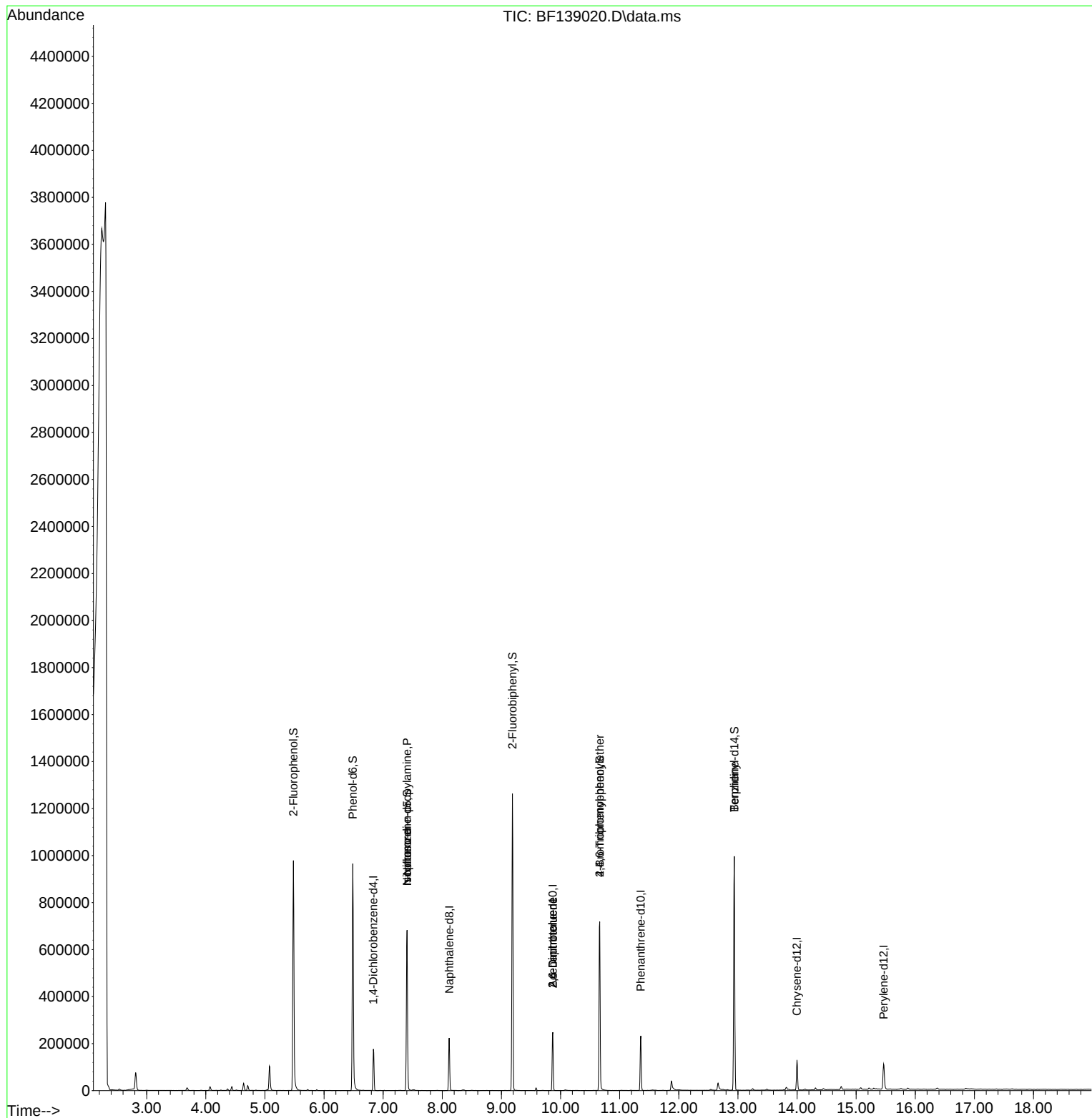
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	33362	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	130742	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	71530	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	120193	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	59913	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	65202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	327436	151.504	ng	0.01
7) Phenol-d6	6.487	99	415226	143.098	ng	0.00
23) Nitrobenzene-d5	7.404	82	291937	109.171	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	104061	177.601	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	517205	108.640	ng	-0.02
79) Terphenyl-d14	12.939	244	459109	128.298	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	41497	23.678	ng	# 79
25) Isophorone	7.404	82	291934	63.934	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	9165	8.879	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	9165	6.959	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7883	6.058	ng	# 1
77) Benzydine	12.939	184	6730	4.696	ng	# 89

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

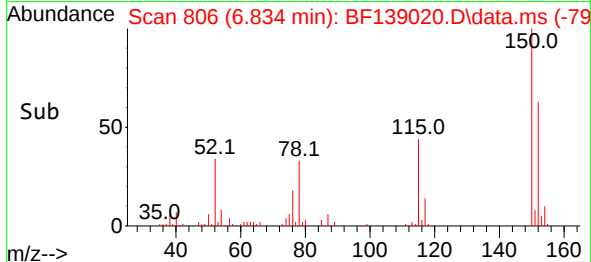
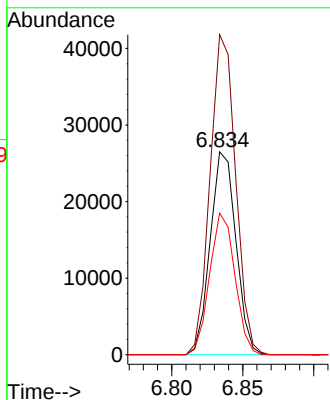
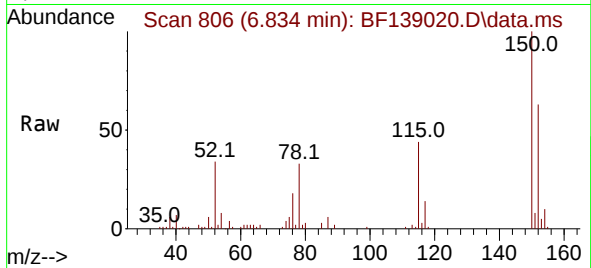




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

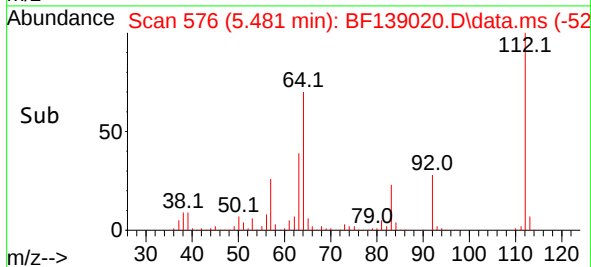
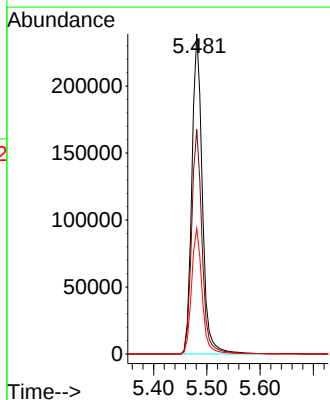
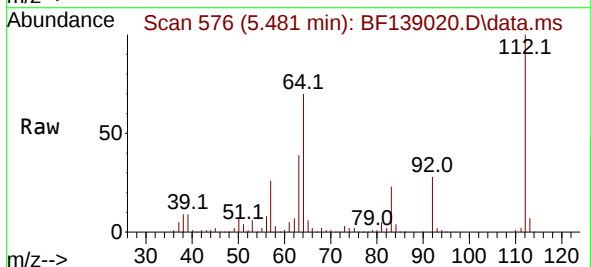
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408

Tgt Ion:152 Resp: 33362
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 69.8 51.7 77.5



#5
2-Fluorophenol
Concen: 151.504 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

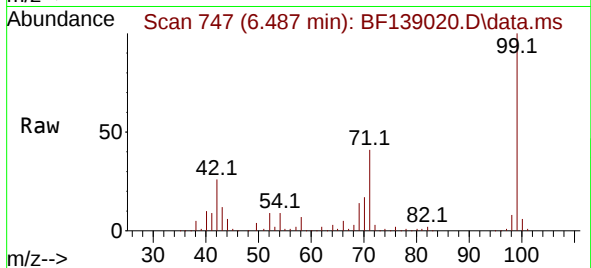
Tgt Ion:112 Resp: 327436
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 39.2 28.7 43.1



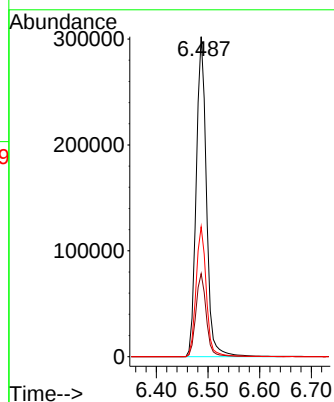
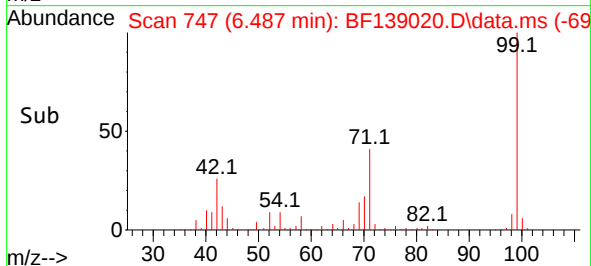


#7
Phenol-d6
Concen: 143.098 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

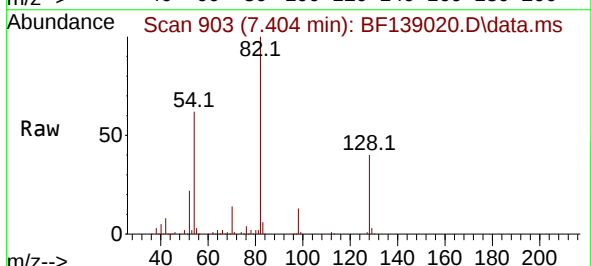
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408



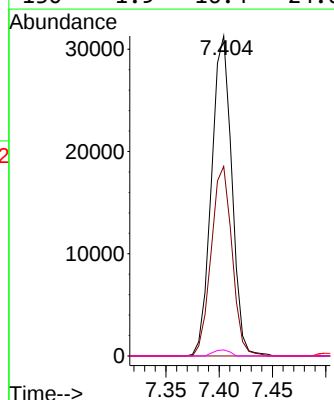
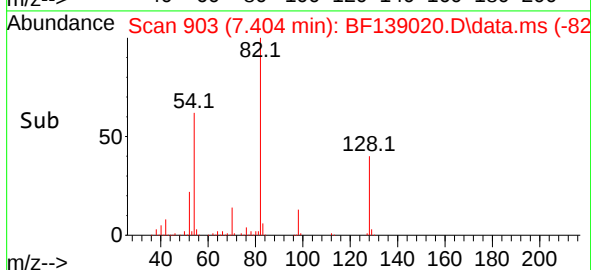
Tgt Ion: 99 Resp: 415226
Ion Ratio Lower Upper
99 100
42 25.9 17.4 26.0
71 40.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 23.678 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51



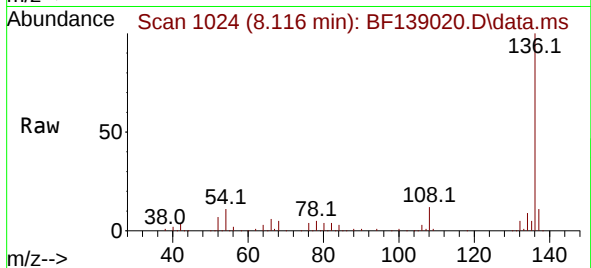
Tgt Ion: 70 Resp: 41497
Ion Ratio Lower Upper
70 100
42 59.3 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



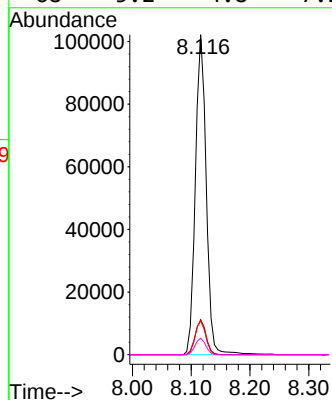
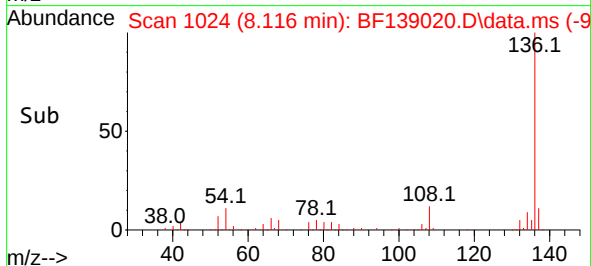


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

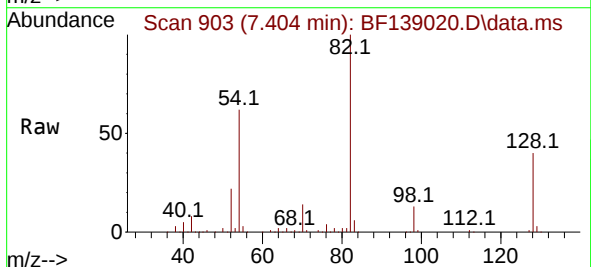
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408



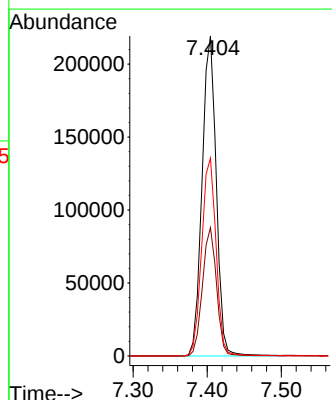
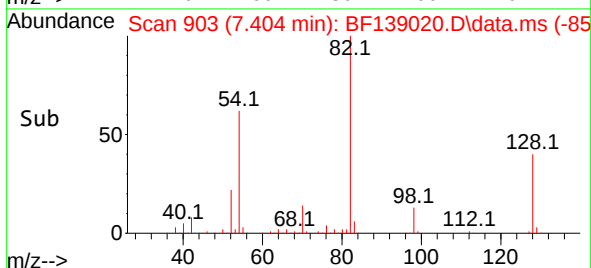
Tgt Ion:136 Resp: 130742
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.6 8.6 12.8
68 5.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 109.171 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51



Tgt Ion: 82 Resp: 291937
Ion Ratio Lower Upper
82 100
128 40.1 32.8 49.2
54 61.9 48.3 72.5

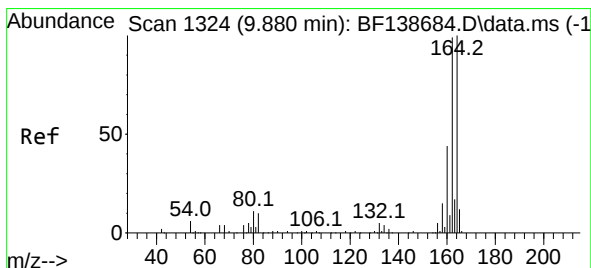
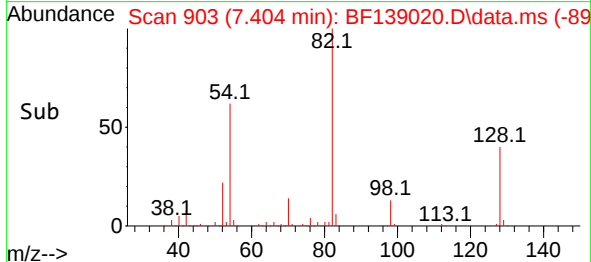
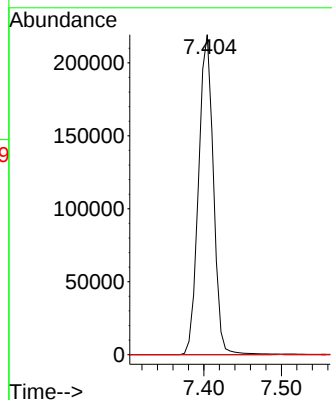
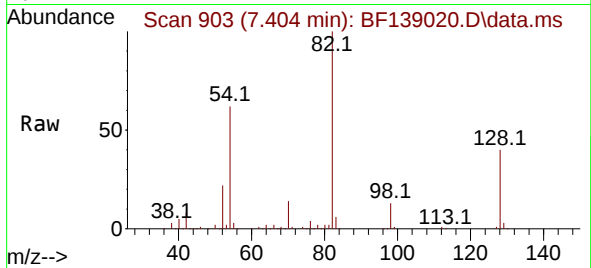




#25
Isophorone
Concen: 63.934 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

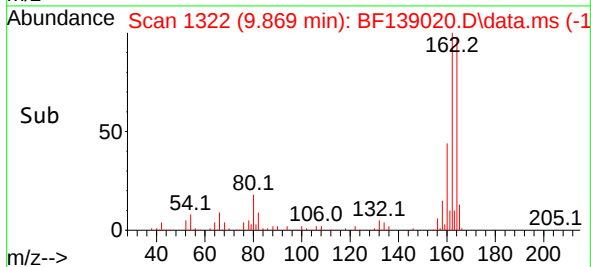
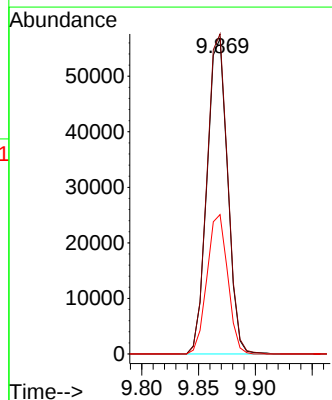
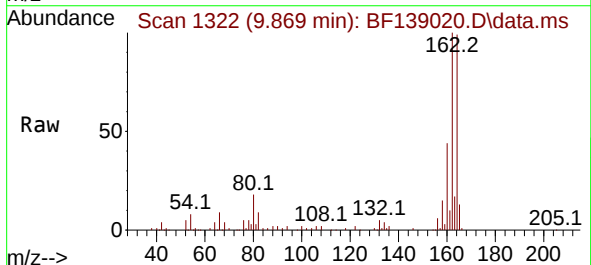
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408

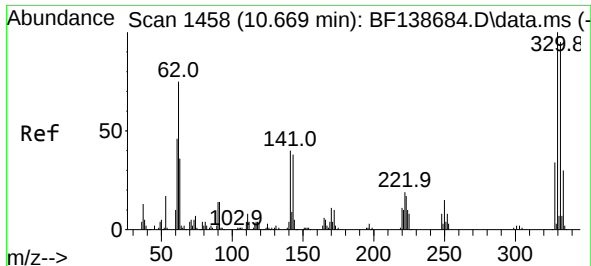
Tgt Ion: 82 Resp: 291934
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

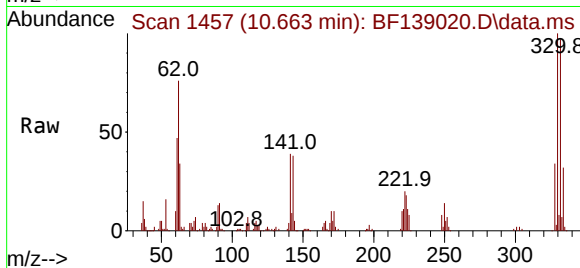
Tgt Ion:164 Resp: 71530
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 44.2 35.1 52.7



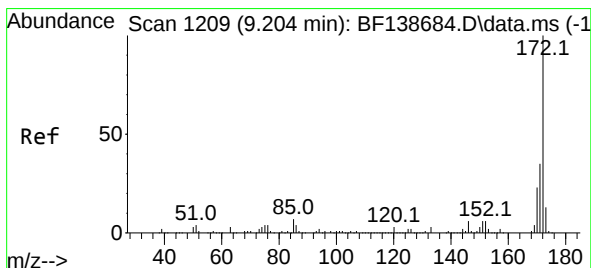
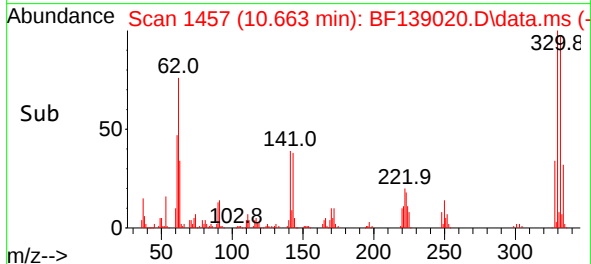
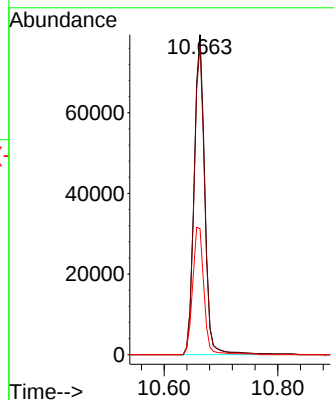


#42
2,4,6-Tribromophenol
Concen: 177.601 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408

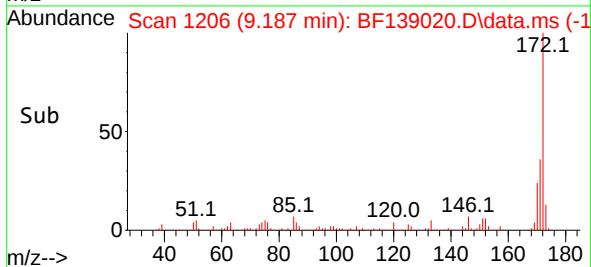
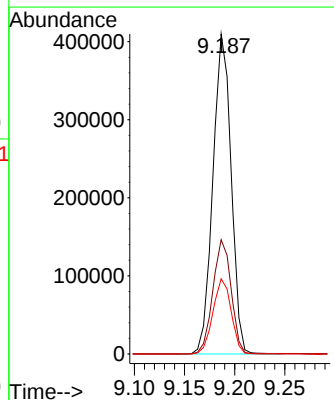
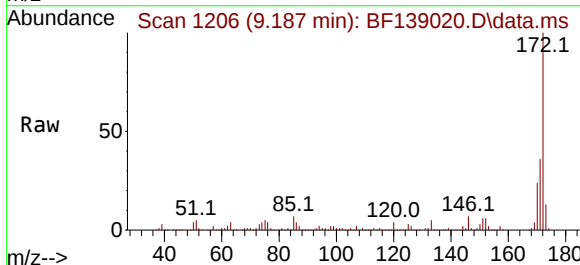


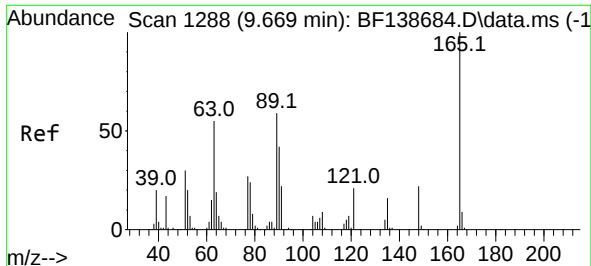
Tgt Ion:330 Resp: 104061
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 42.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 108.640 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

Tgt Ion:172 Resp: 517205
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 18.8 28.2

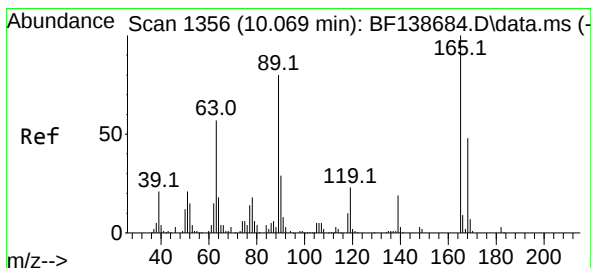
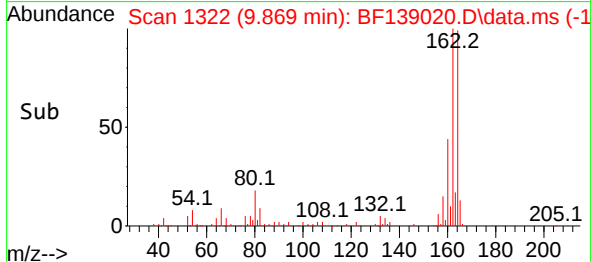
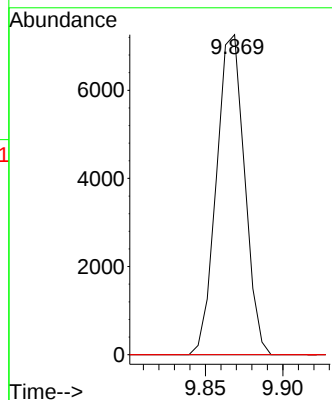
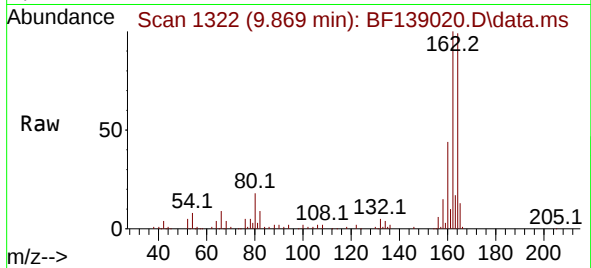




#51
2,6-Dinitrotoluene
Concen: 8.879 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

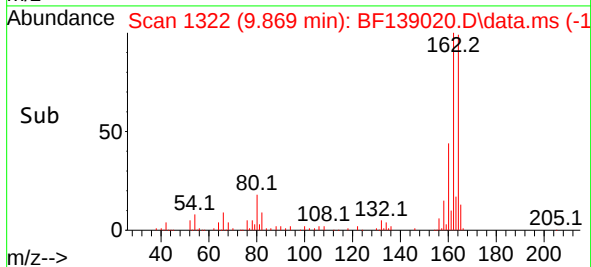
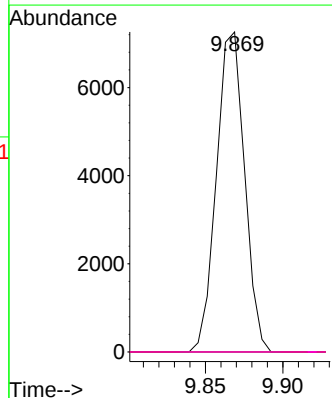
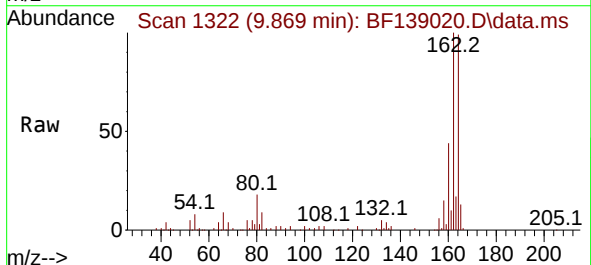
Instrument :
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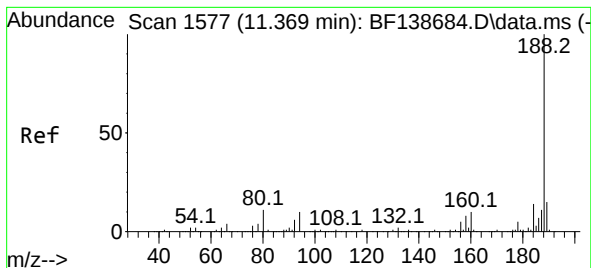
Tgt Ion:165 Resp: 9165
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.959 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

Tgt Ion:165 Resp: 9165
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: BF139020.D

Acq: 15 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408

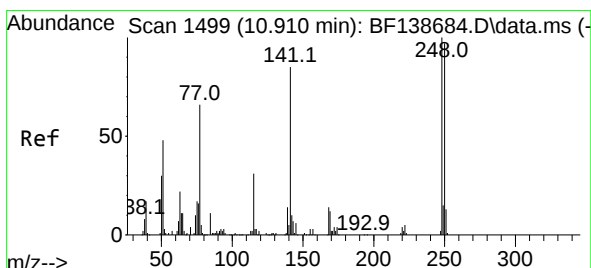
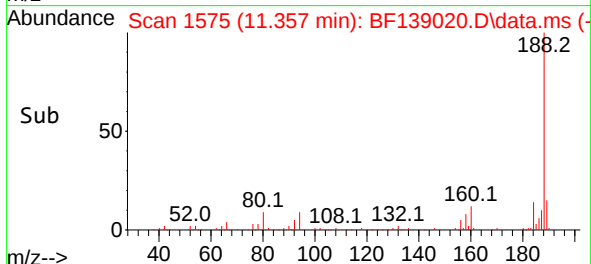
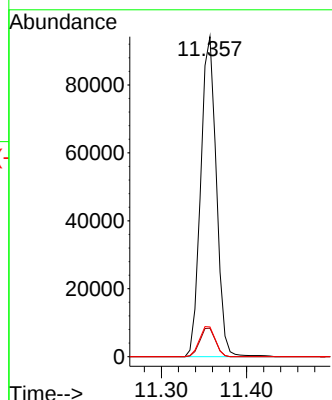
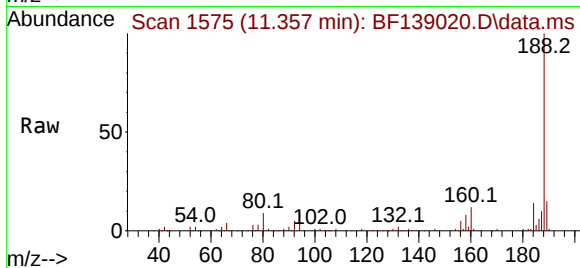
Tgt Ion:188 Resp: 120193

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.3 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 6.058 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139020.D

Acq: 15 Aug 2024 13:51

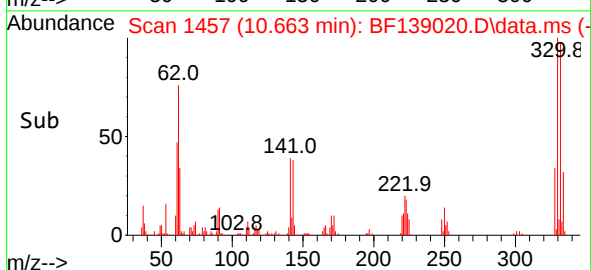
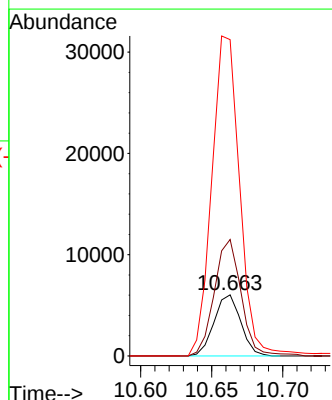
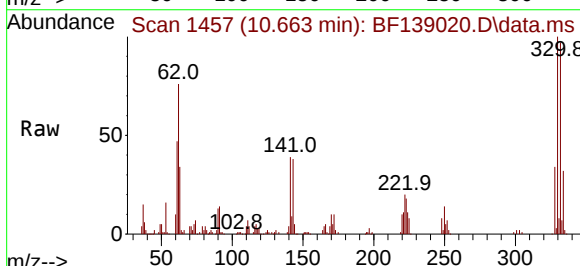
Tgt Ion:248 Resp: 7883

Ion Ratio Lower Upper

248 100

250 190.3 77.7 116.5#

141 517.0 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: BF139020.D

Acq: 15 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408

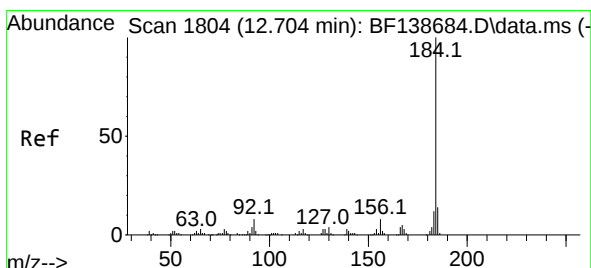
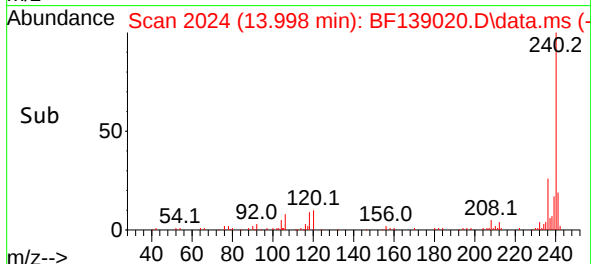
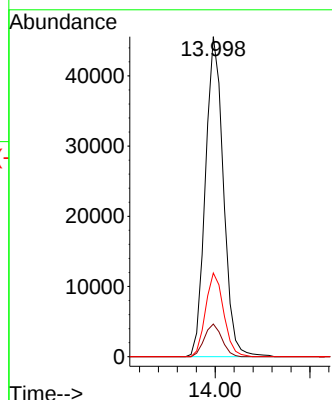
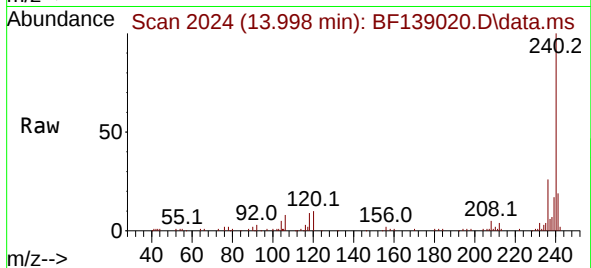
Tgt Ion:240 Resp: 59913

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 26.2 19.8 29.8



#77

Benzidine

Concen: 4.696 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF139020.D

Acq: 15 Aug 2024 13:51

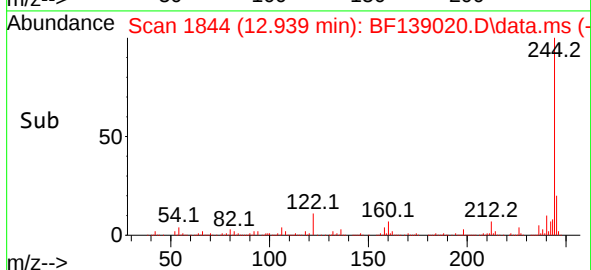
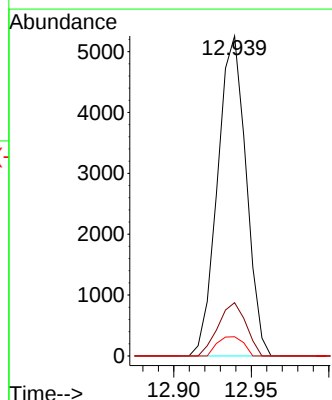
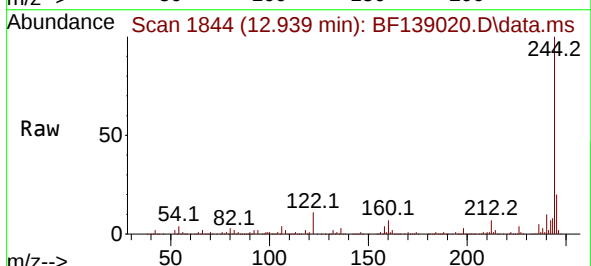
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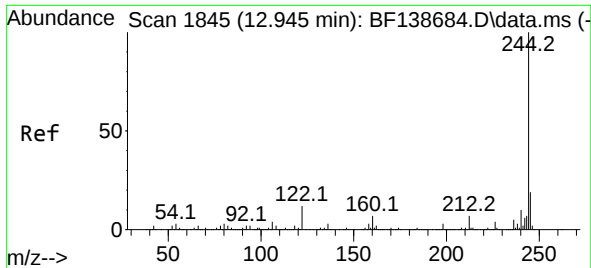
Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

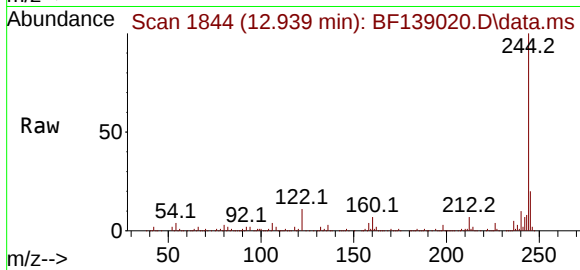
183 6.0 9.6 14.4#



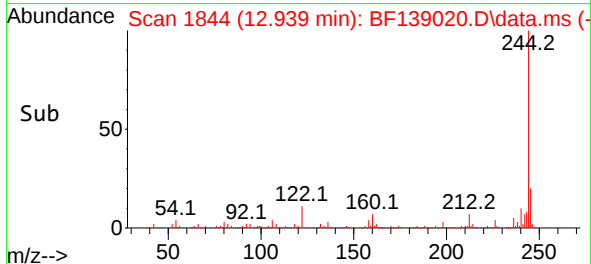
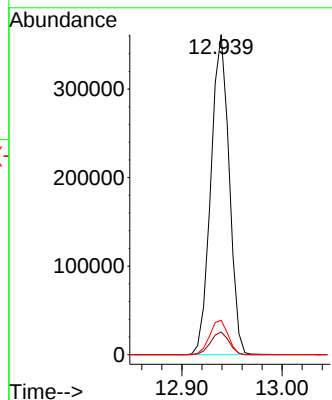


#79
 Terphenyl-d14
 Concen: 128.298 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139020.D
 Acq: 15 Aug 2024 13:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-06-202408



Tgt Ion:244 Resp: 459109
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139020.D
 Acq: 15 Aug 2024 13:51

Tgt Ion:264 Resp: 65202
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 22.3 17.0 25.6

