

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137940.D
 Acq On : 17 May 2024 19:17
 Operator : CG\JU
 Sample : P2480-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-JJ

Quant Time: May 17 22:53:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

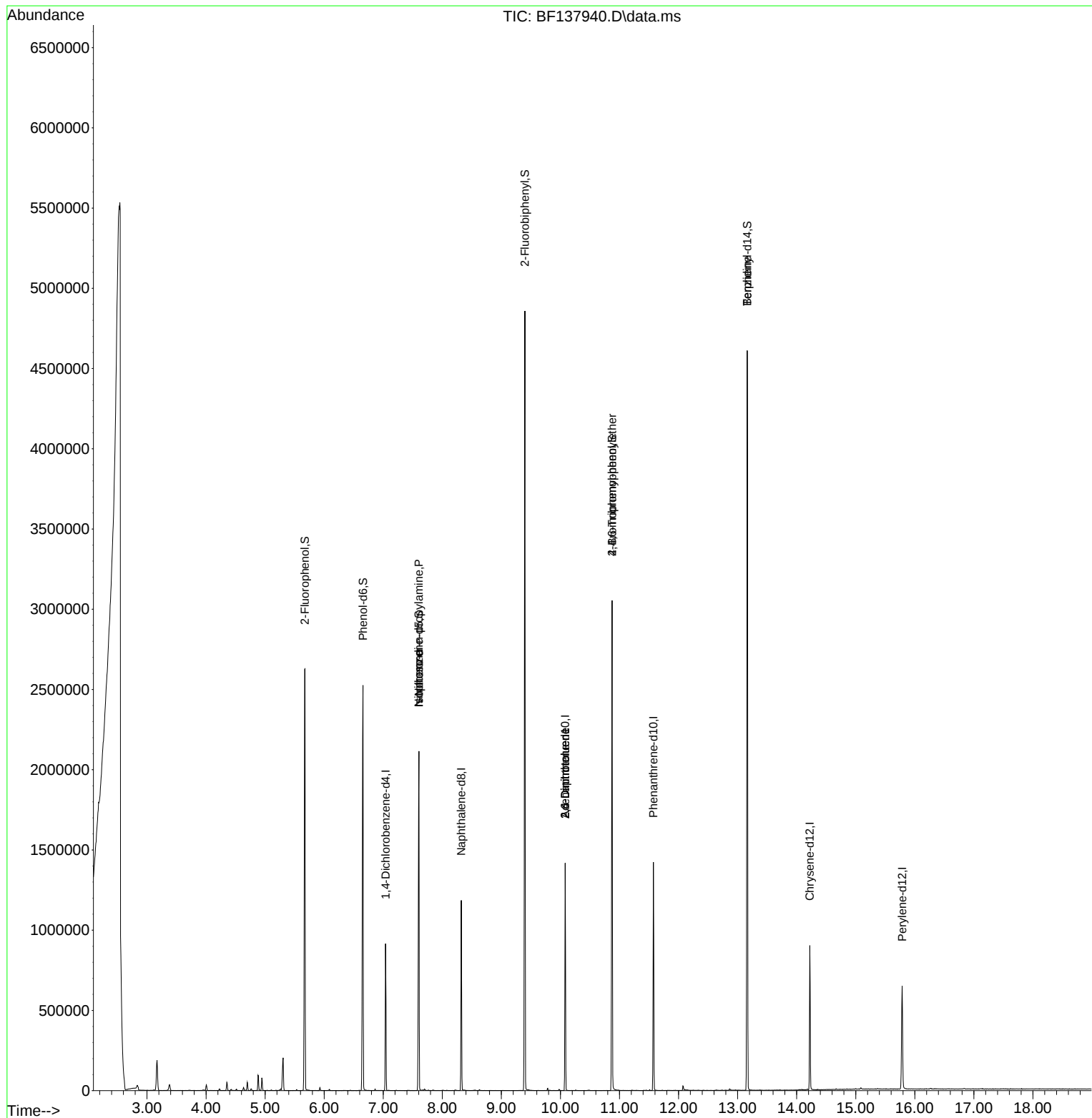
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	122660	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	475073	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	271015	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	486956	20.000	ng	0.00
76) Chrysene-d12	14.221	240	285272	20.000	ng	0.00
86) Perylene-d12	15.786	264	311082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	838917	116.177	ng	0.01
7) Phenol-d6	6.657	99	941844	105.883	ng	0.00
23) Nitrobenzene-d5	7.604	82	681890	84.470	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	376666	137.840	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1447587	82.278	ng	0.00
79) Terphenyl-d14	13.163	244	1703091	87.987	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.604	70	89654	17.940	ng	# 75
25) Isophorone	7.604	82	681879	48.669	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	34727	8.903	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	34727	6.887	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	24690	4.625	ng	# 1
77) Benzidine	13.163	184	20479	5.493	ng	# 90

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

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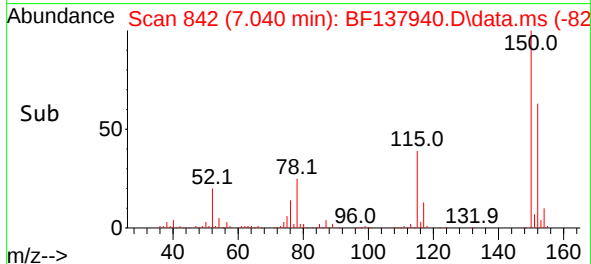
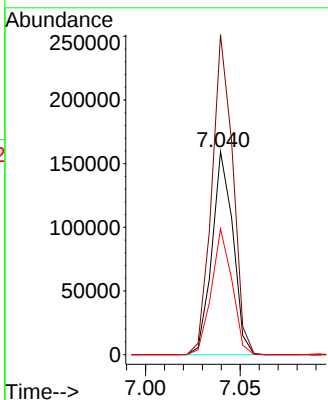
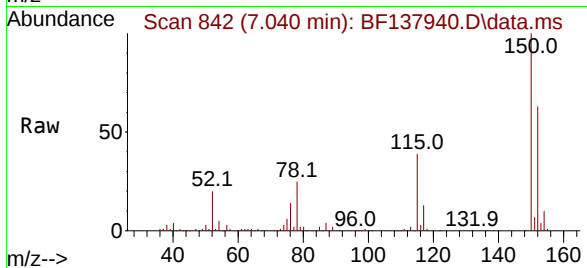




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

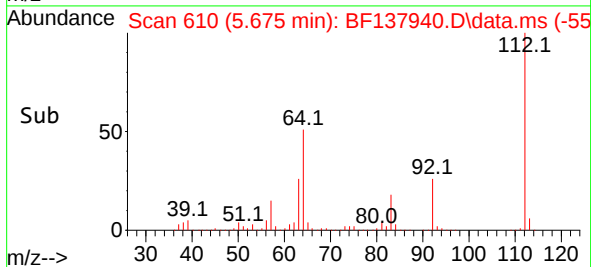
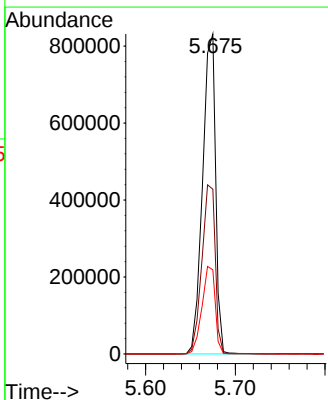
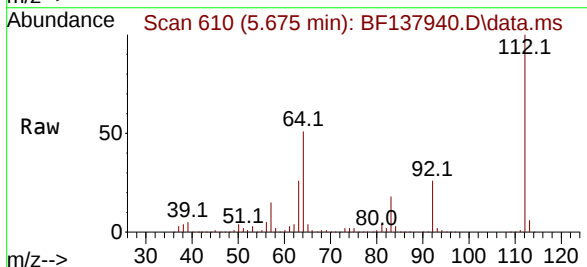
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

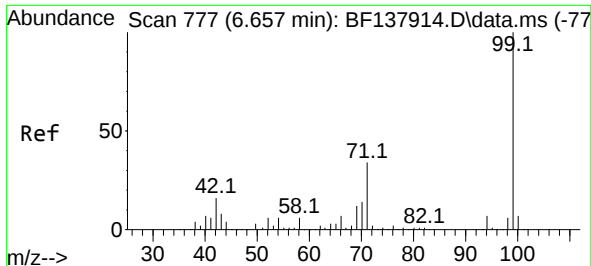
Tgt Ion:152 Resp: 122660
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 62.0 47.0 70.6



#5
2-Fluorophenol
Concen: 116.177 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion:112 Resp: 838917
Ion Ratio Lower Upper
112 100
64 51.5 42.4 63.6
63 26.3 21.4 32.2

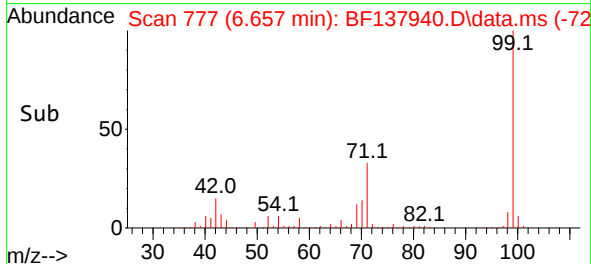
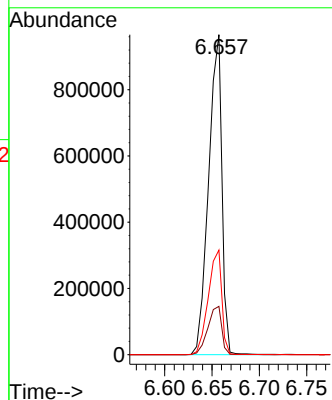
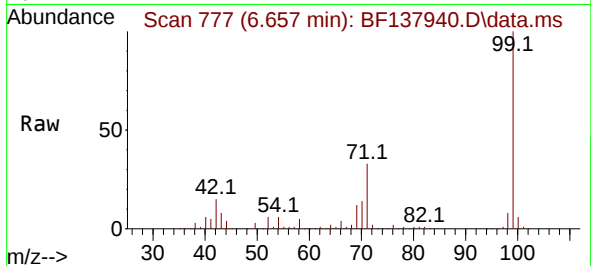




#7
Phenol-d6
Concen: 105.883 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

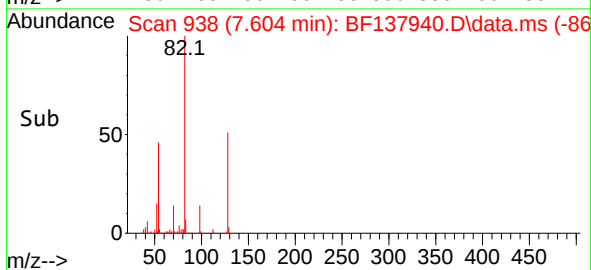
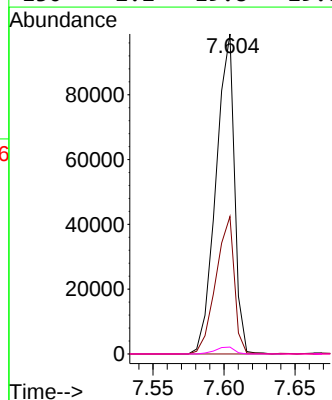
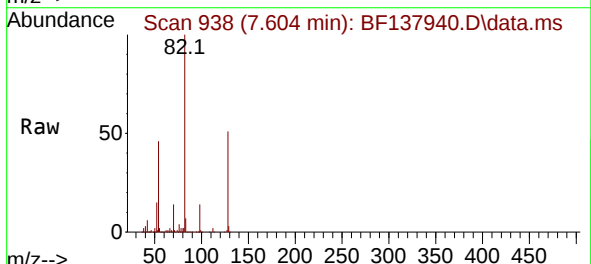
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

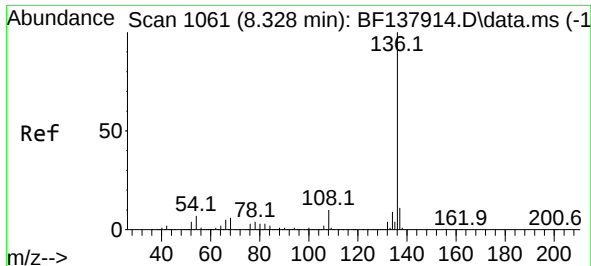
Tgt Ion: 99 Resp: 941844
Ion Ratio Lower Upper
99 100
42 15.1 12.6 18.8
71 32.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.940 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion: 70 Resp: 89654
Ion Ratio Lower Upper
70 100
42 42.9 42.2 63.4
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#



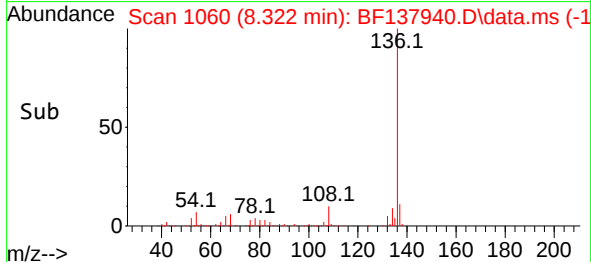
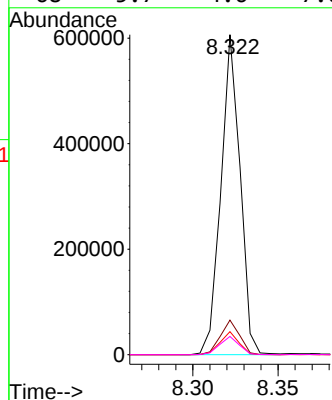
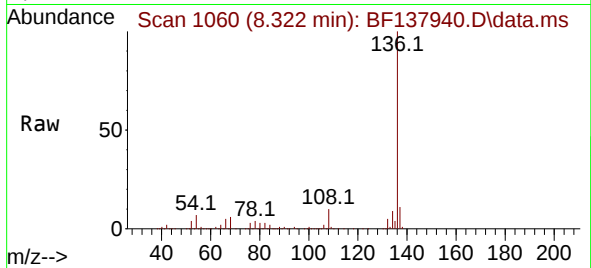


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

Tgt Ion:136 Resp: 475073

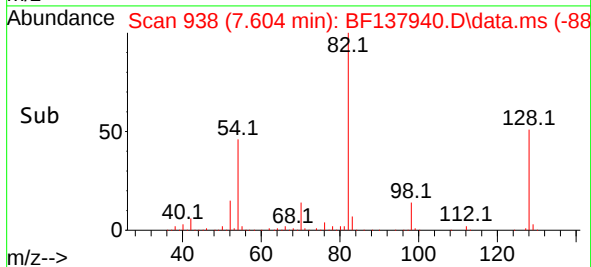
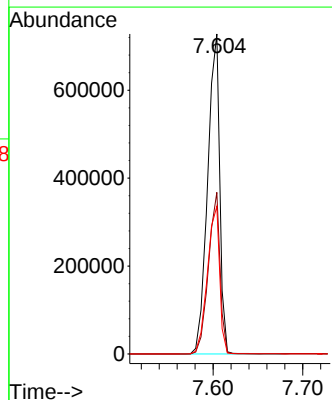
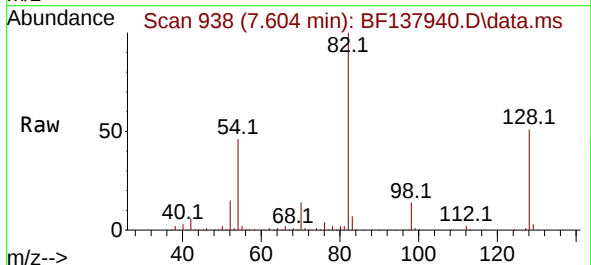
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.2	5.4	8.2
68	5.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 84.470 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion: 82 Resp: 681890

Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.3	60.5
54	46.1	36.8	55.2

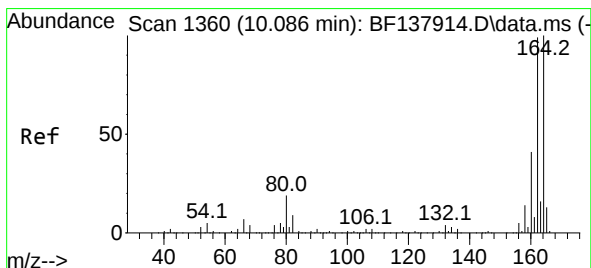
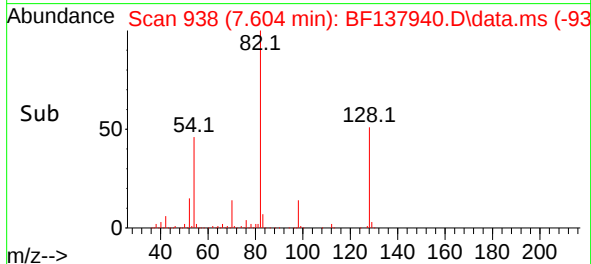
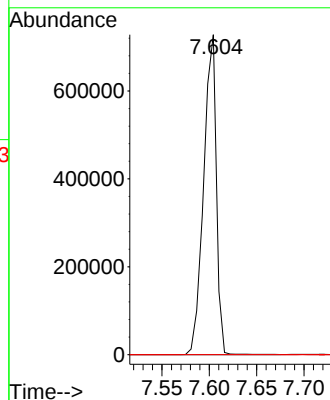
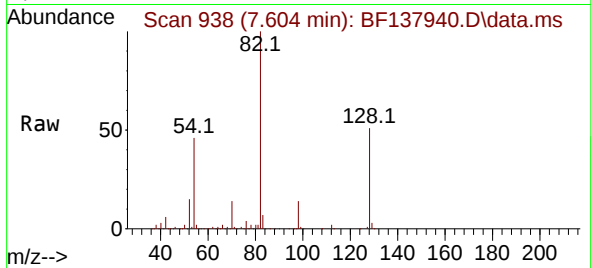




#25
Isophorone
Concen: 48.669 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

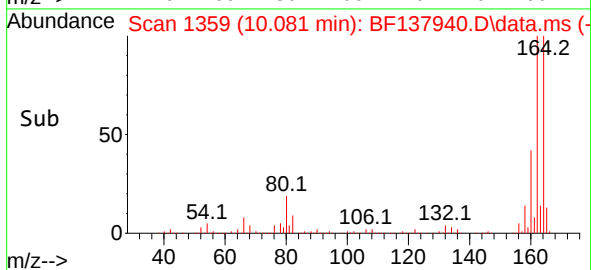
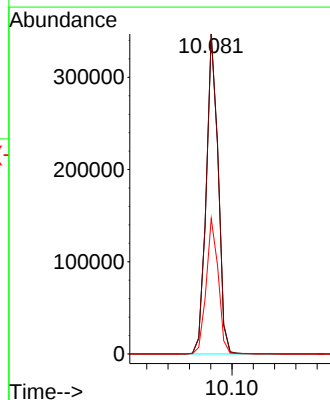
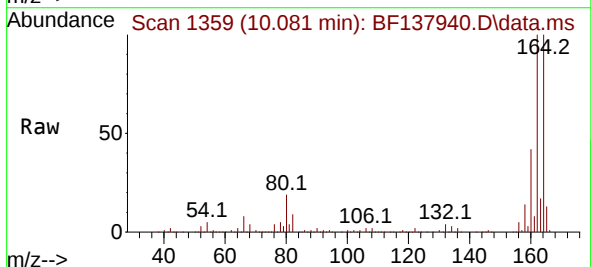
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

Tgt Ion: 82 Resp: 681879
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion:164 Resp: 271015
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 42.4 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 137.840 ng

RT: 10.875 min Scan# 1495

Delta R.T. -0.006 min

Lab File: BF137940.D

Acq: 17 May 2024 19:17

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJ

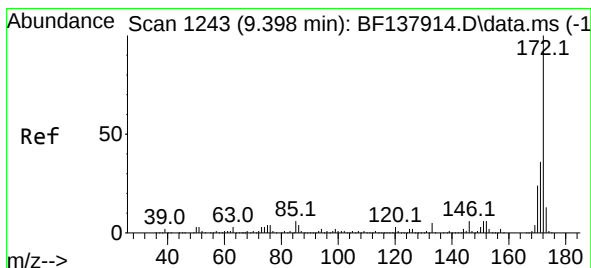
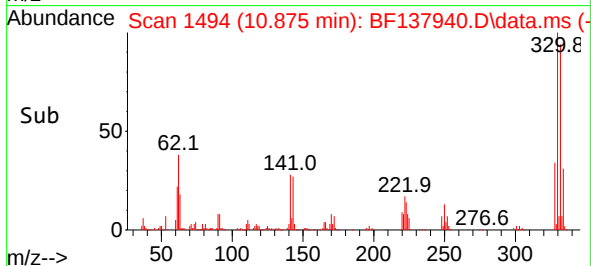
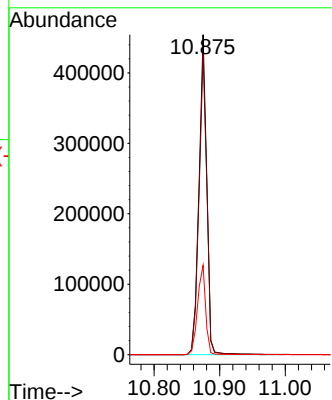
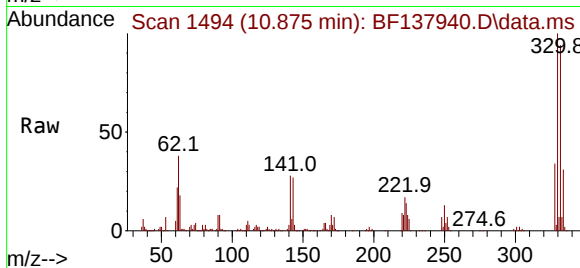
Tgt Ion:330 Resp: 376666

Ion Ratio Lower Upper

330 100

332 94.5 75.8 113.8

141 29.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 82.278 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137940.D

Acq: 17 May 2024 19:17

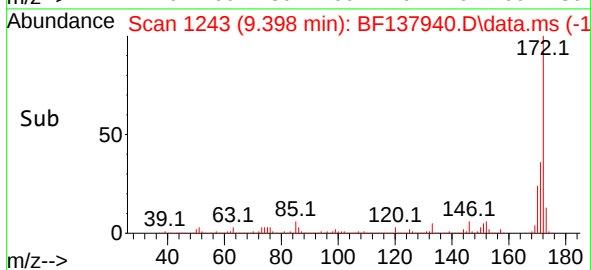
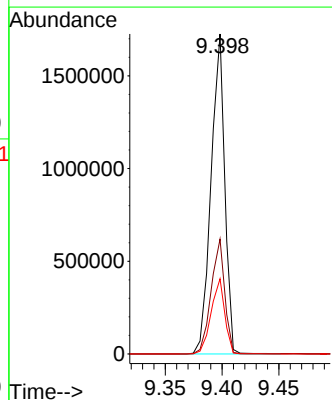
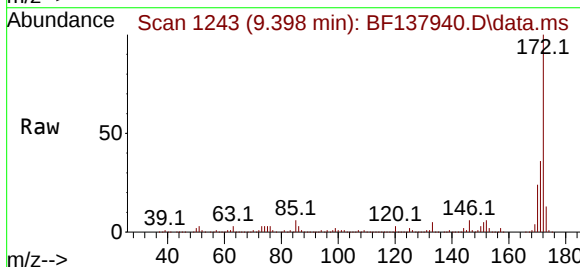
Tgt Ion:172 Resp: 1447587

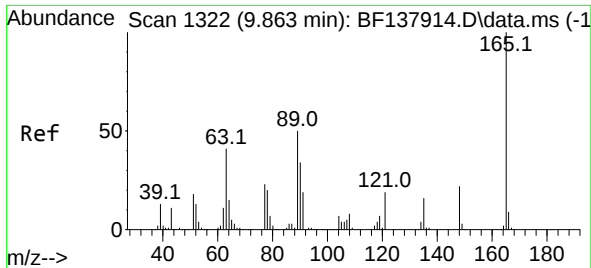
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.5 18.9 28.3

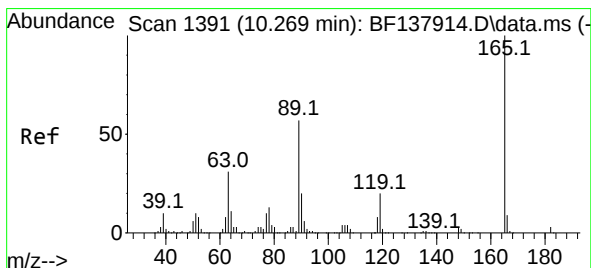
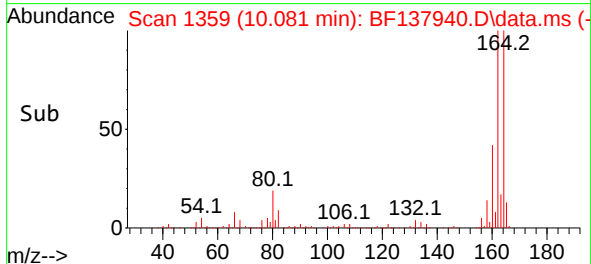
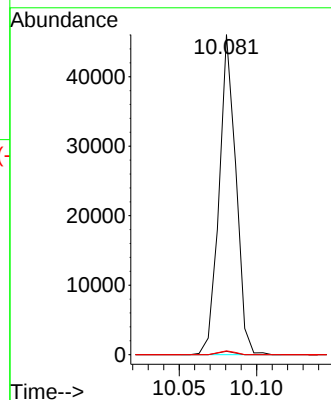
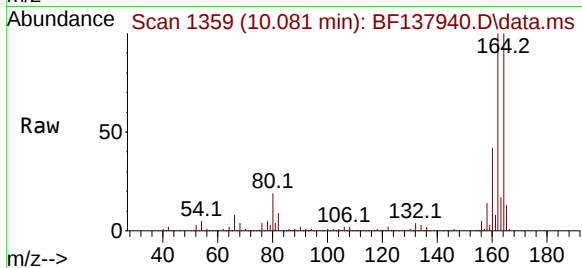




#51
2,6-Dinitrotoluene
Concen: 8.903 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

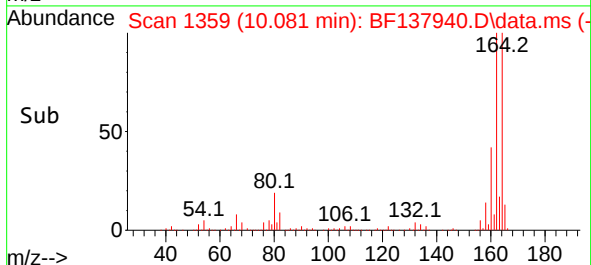
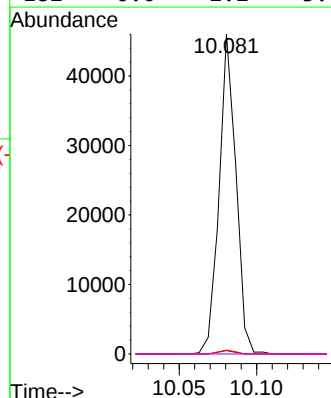
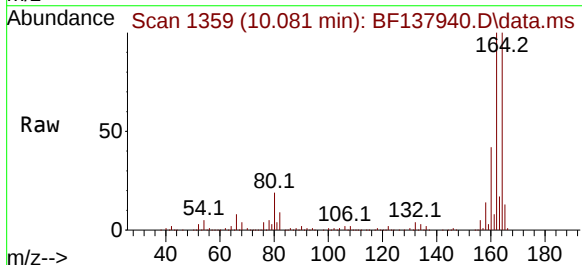
Instrument :
BNA_F
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WC-MH-JJ

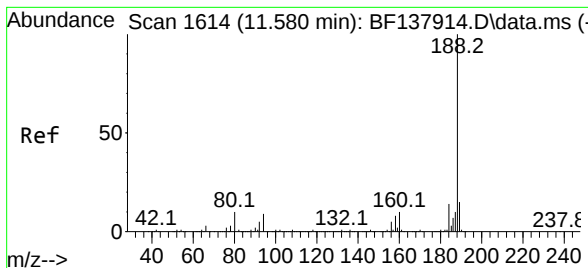
Tgt Ion:165 Resp: 34727
Ion Ratio Lower Upper
165 100
63 1.1 38.9 58.3#
89 1.2 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.887 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion:165 Resp: 34727
Ion Ratio Lower Upper
165 100
63 1.1 25.3 37.9#
89 1.2 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137940.D

Acq: 17 May 2024 19:17

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJ

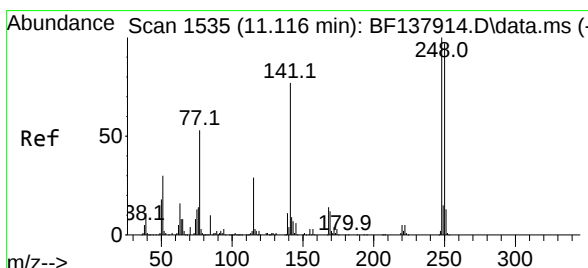
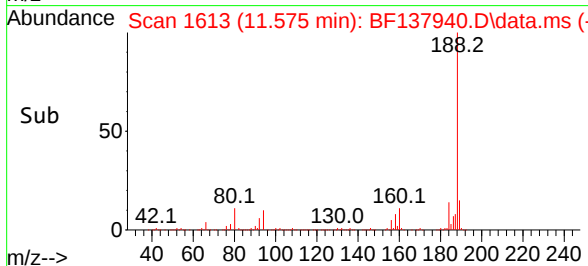
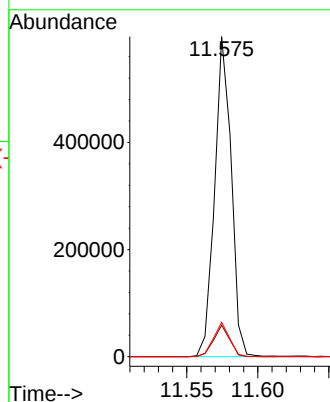
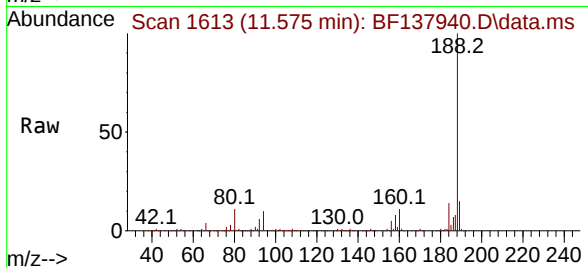
Tgt Ion:188 Resp: 486956

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.7 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.625 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137940.D

Acq: 17 May 2024 19:17

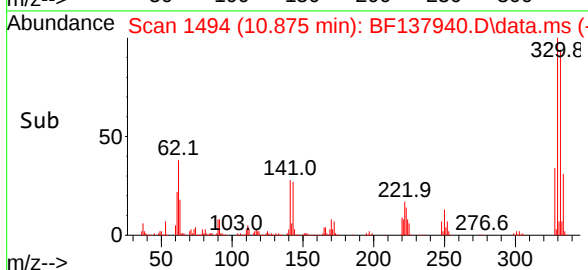
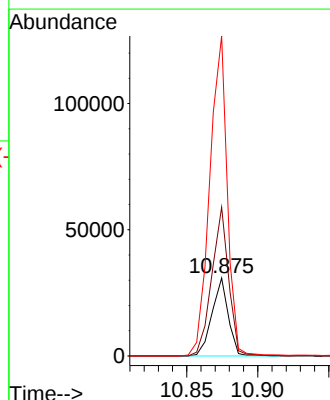
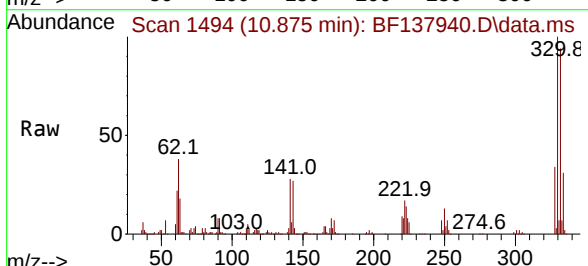
Tgt Ion:248 Resp: 24690

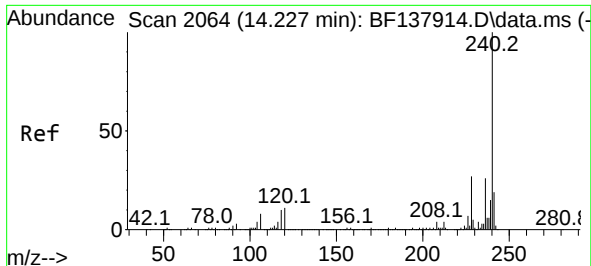
Ion Ratio Lower Upper

248 100

250 190.9 77.6 116.4#

141 410.4 61.4 92.2#

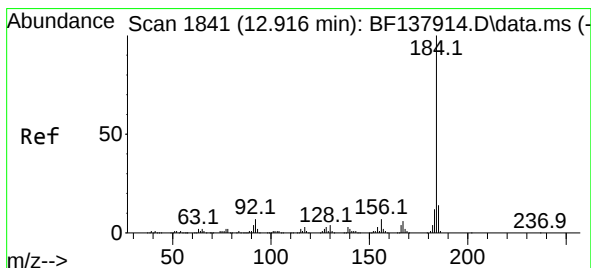
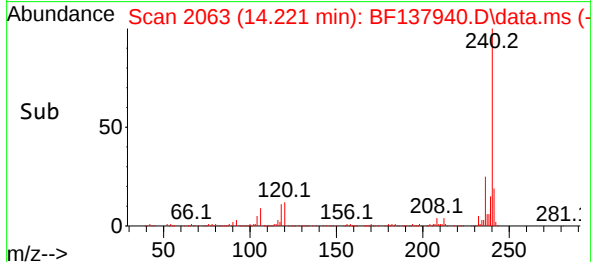
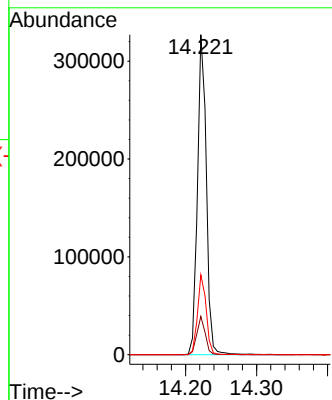
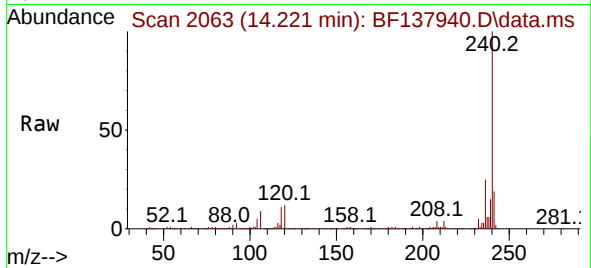




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

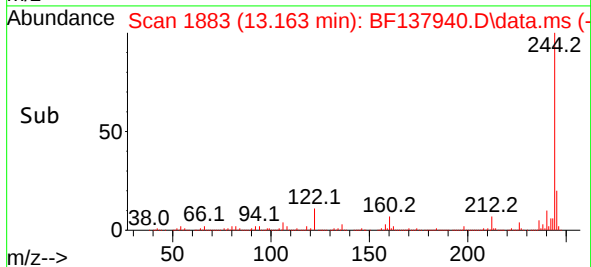
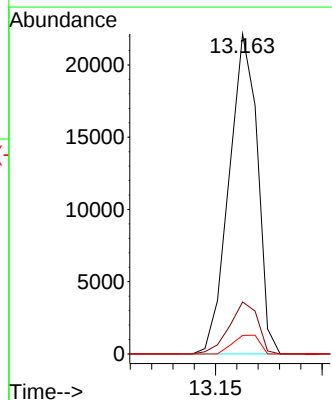
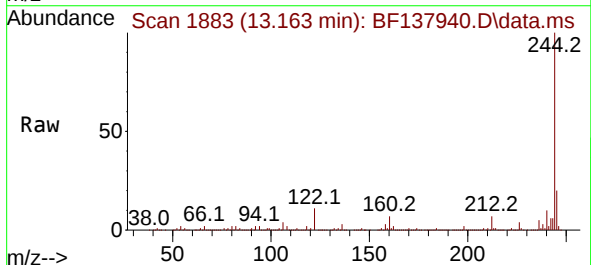
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

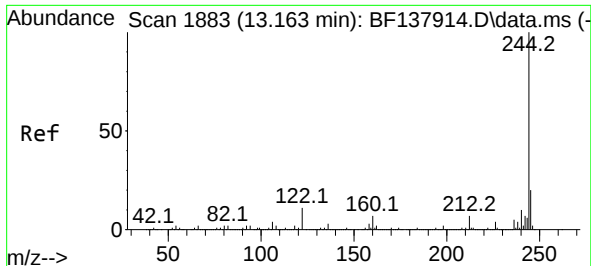
Tgt Ion:240 Resp: 285272
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.0 21.0 31.4



#77
Benzidine
Concen: 5.493 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion:184 Resp: 20479
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.2
183 5.8 9.5 14.3#

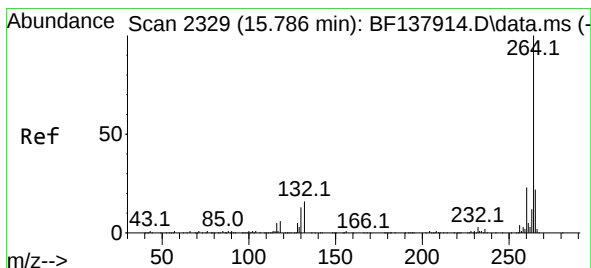
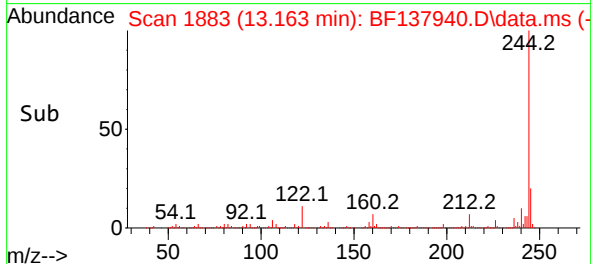
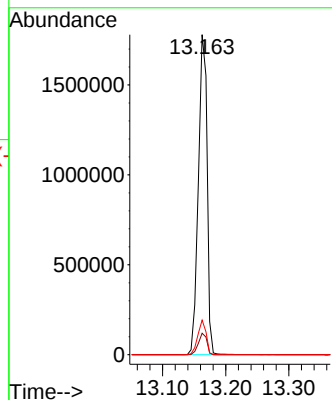
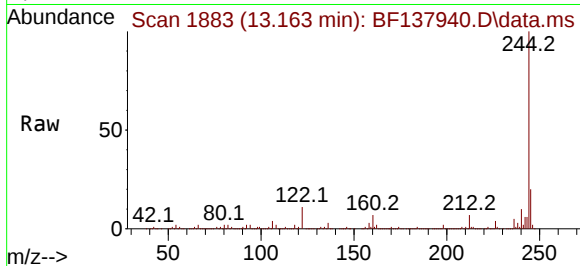




#79
Terphenyl-d14
Concen: 87.987 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

Tgt Ion:244 Resp: 1703091
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.8 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion:264 Resp: 311082
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.8 17.6 26.4

