

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140369.D
 Acq On : 14 Nov 2024 18:25
 Operator : RC/JU
 Sample : P4722-15RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3(0-6)

Quant Time: Nov 15 00:27:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

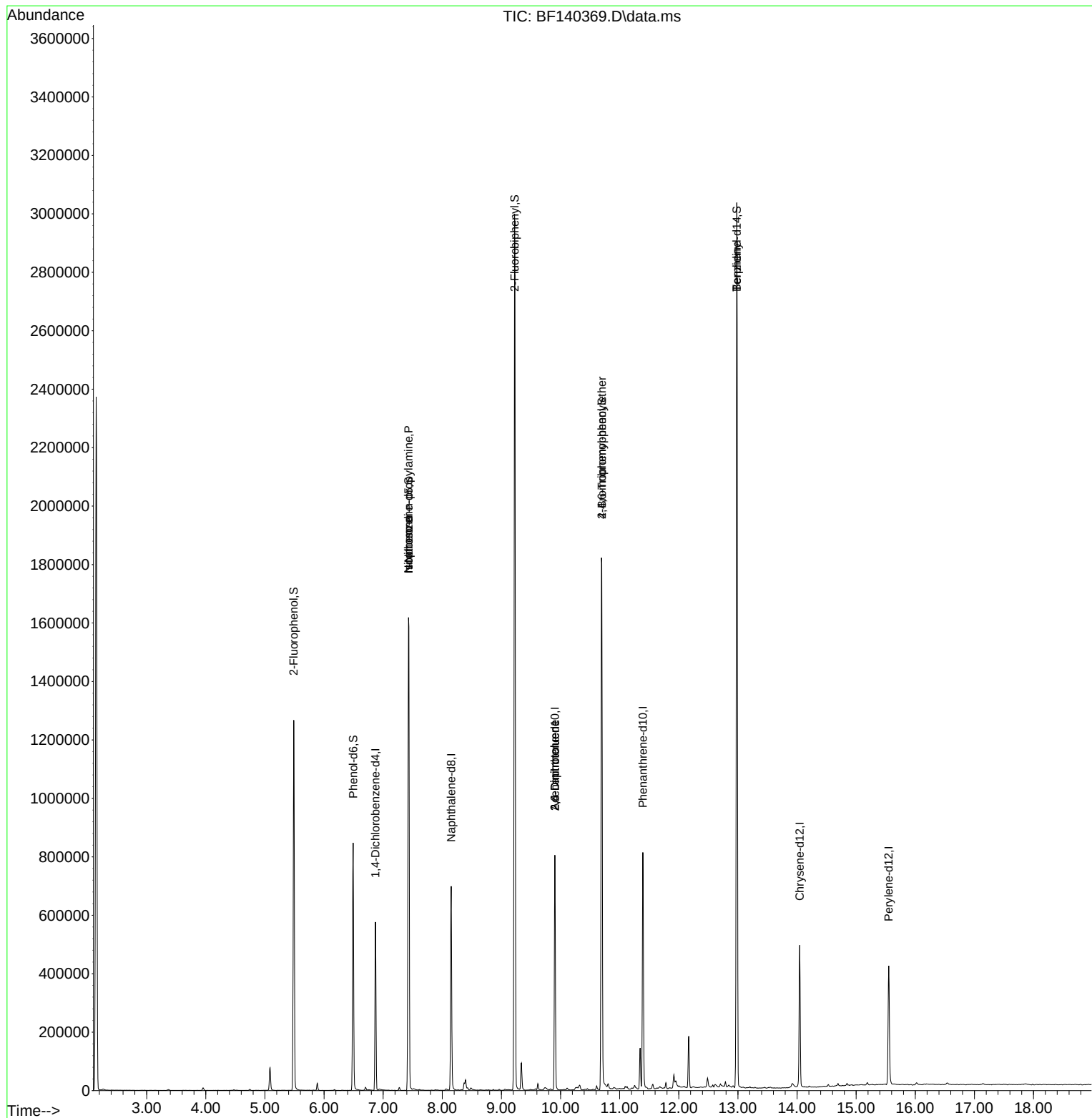
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	119391	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	441580	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	232299	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	429770	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	232532	20.000	ng	0.00
86) Perylene-d12	15.551	264	241777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	464211	66.386	ng	0.00
7) Phenol-d6	6.493	99	393256	41.510	ng	-0.01
23) Nitrobenzene-d5	7.428	82	797856	94.140	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	326026	141.135	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1363670	94.368	ng	-0.01
79) Terphenyl-d14	12.980	244	1481105	110.561	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	106318	18.581	ng	# 79
25) Isophorone	7.428	82	787188	52.407	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	30716	8.898	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	30716	6.761	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	20867	4.857	ng	# 1
77) Benzidine	12.980	184	20779	2.328	ng	# 90

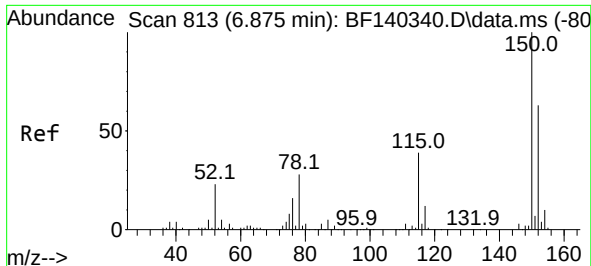
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
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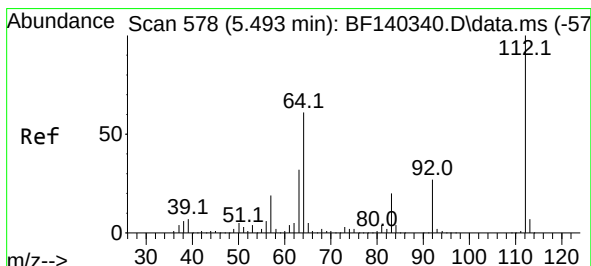
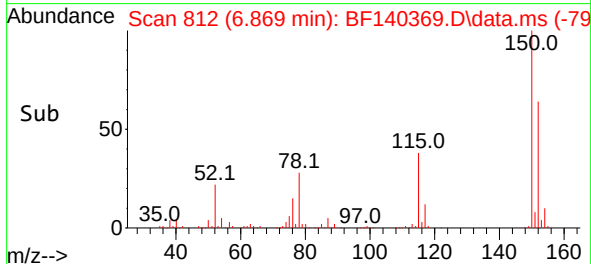
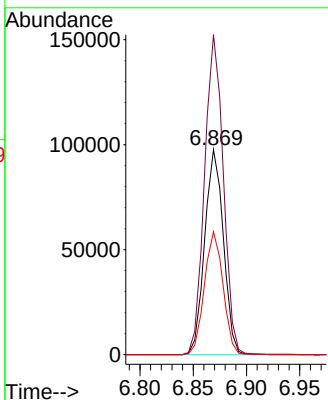
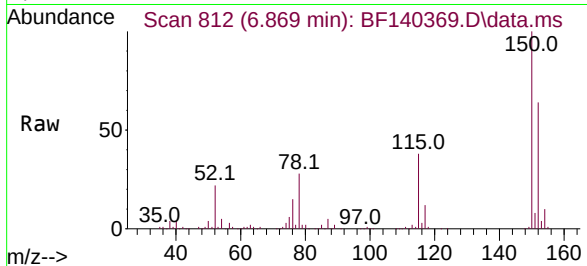




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

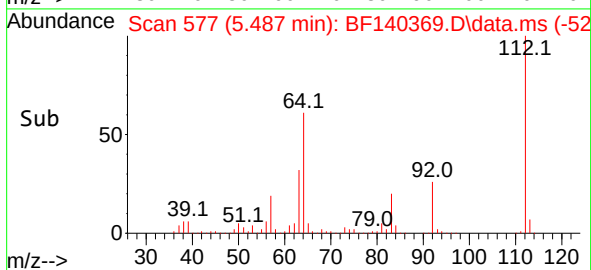
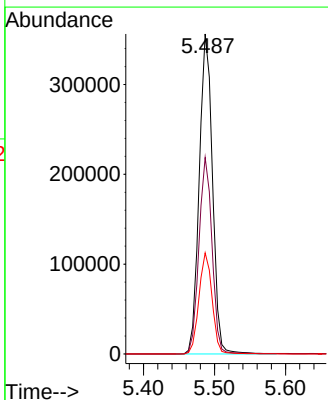
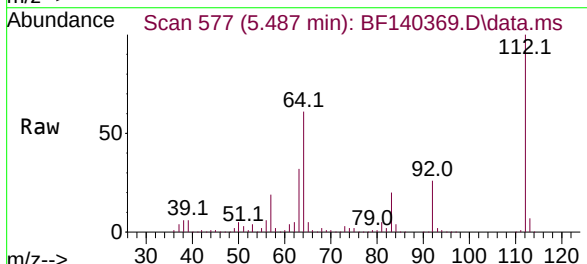
Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

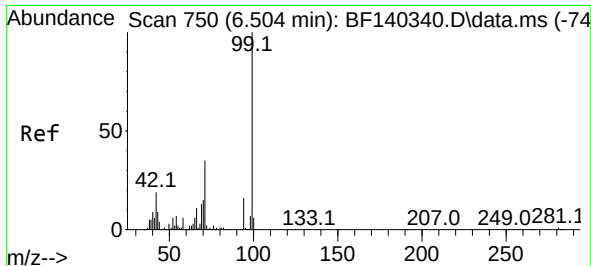
Tgt Ion:152 Resp: 119391
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 60.0 47.4 71.2



#5
2-Fluorophenol
Concen: 66.386 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

Tgt Ion:112 Resp: 464211
Ion Ratio Lower Upper
112 100
64 61.4 49.2 73.8
63 31.6 25.6 38.4

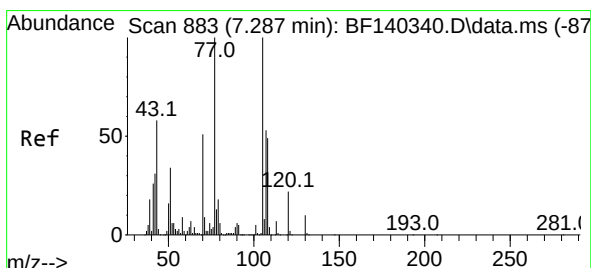
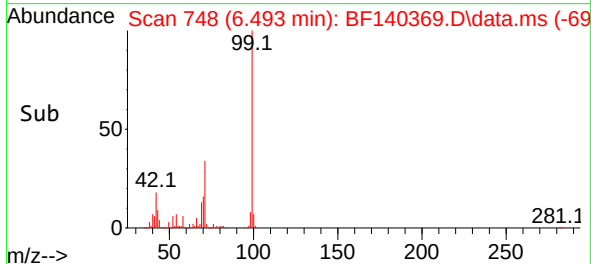
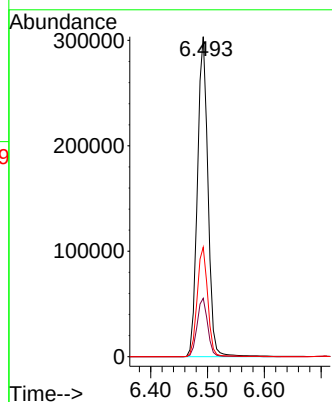
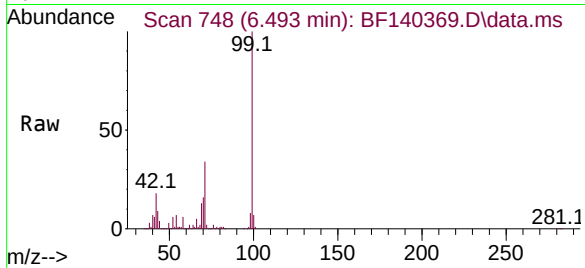




#7
Phenol-d6
Concen: 41.510 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

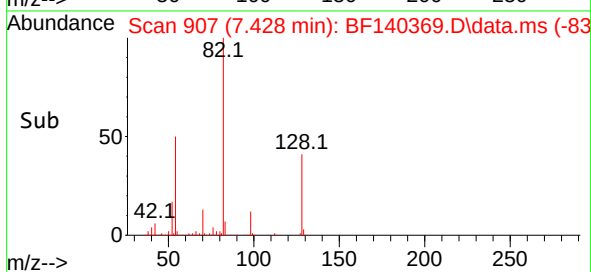
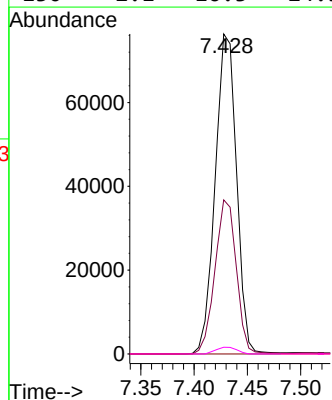
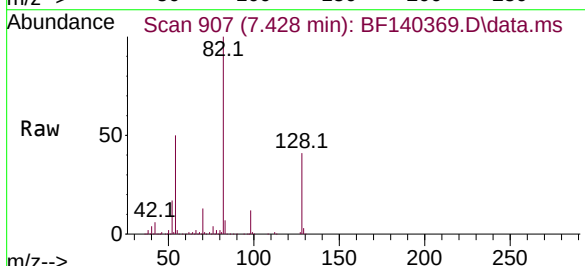
Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

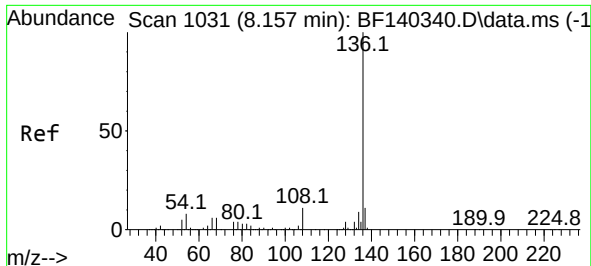
Tgt Ion: 99 Resp: 393256
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 34.2 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.581 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

Tgt Ion: 70 Resp: 106318
Ion Ratio Lower Upper
70 100
42 48.2 46.8 70.2
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#

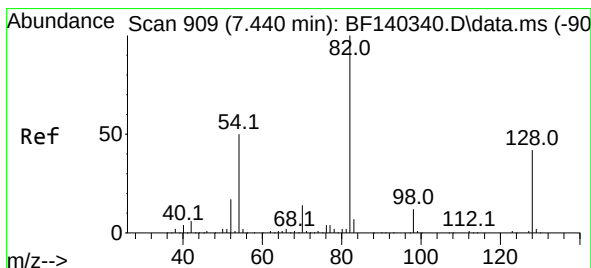
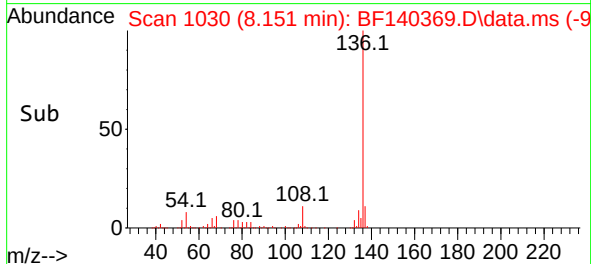
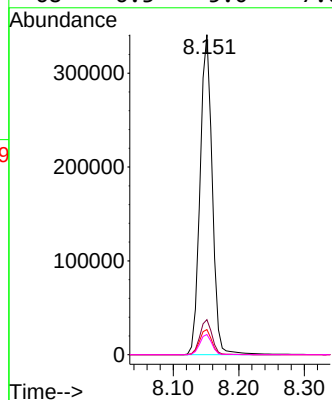
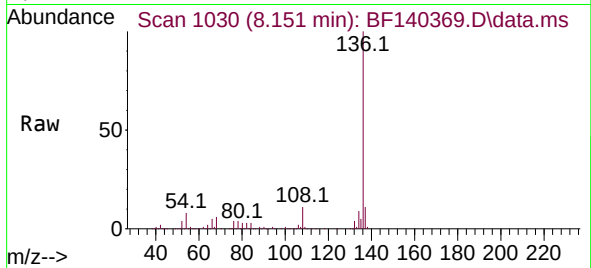




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

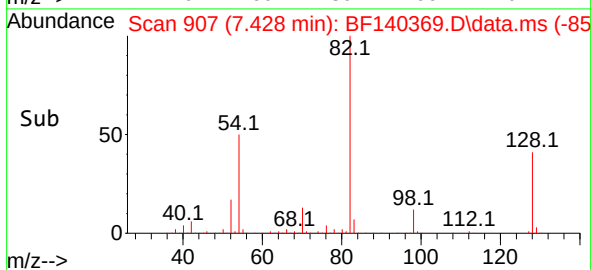
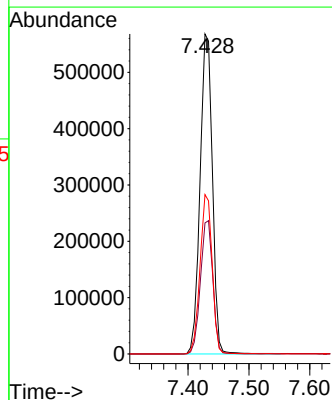
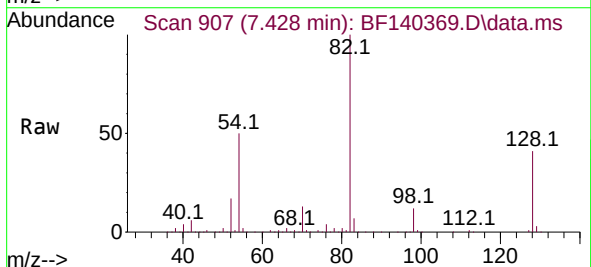
Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

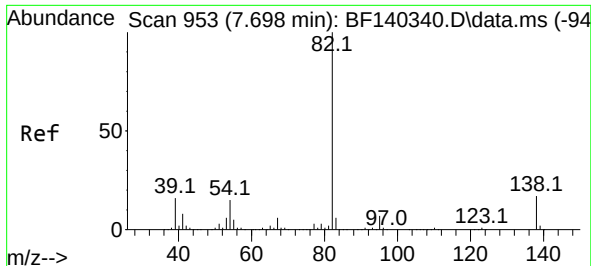
Tgt Ion:136 Resp: 441580
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.5 9.7
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 94.140 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

Tgt Ion: 82 Resp: 797856
Ion Ratio Lower Upper
82 100
128 41.0 33.3 49.9
54 49.8 39.8 59.8

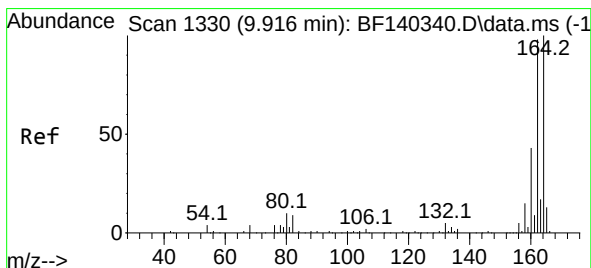
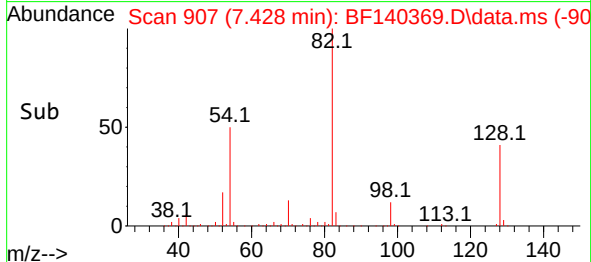
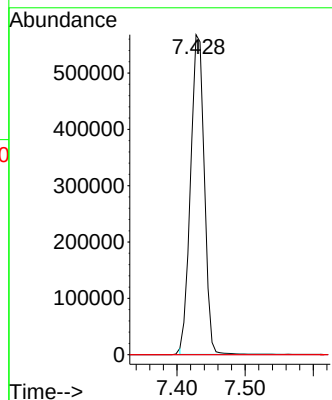
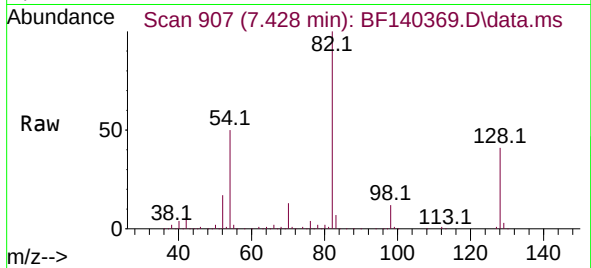




#25
Isophorone
Concen: 52.407 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

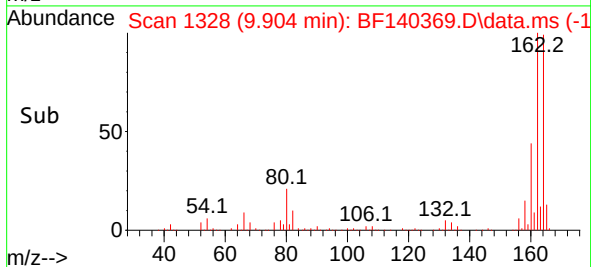
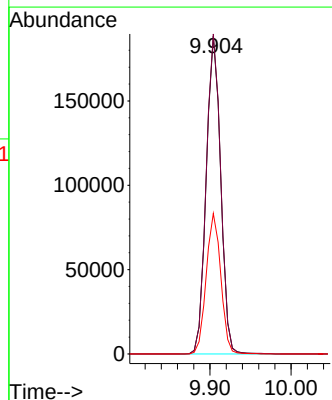
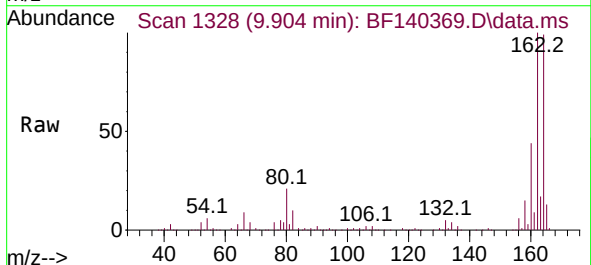
Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

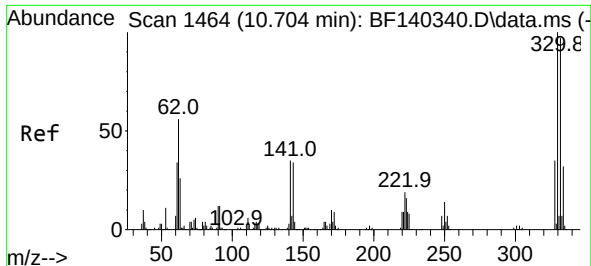
Tgt Ion: 82 Resp: 787188
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

Tgt Ion: 164 Resp: 232299
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 141.135 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140369.D

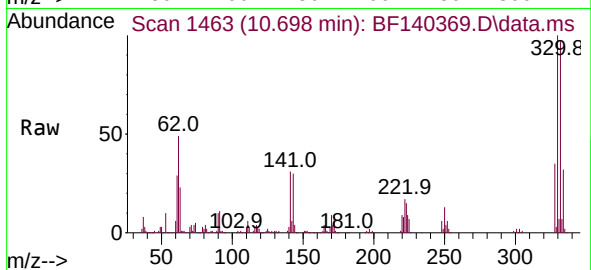
Acq: 14 Nov 2024 18:25

Instrument :

BNA_F

ClientSampleId :

WC-3(0-6)



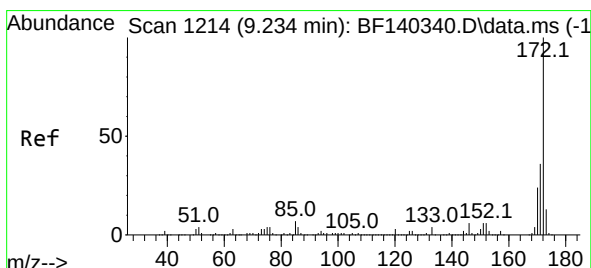
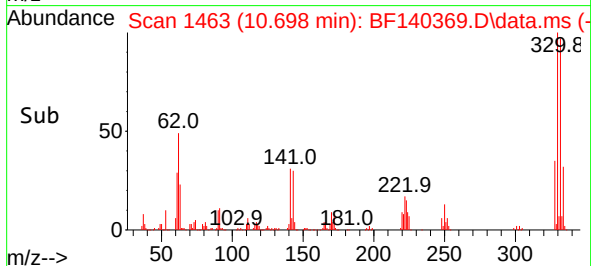
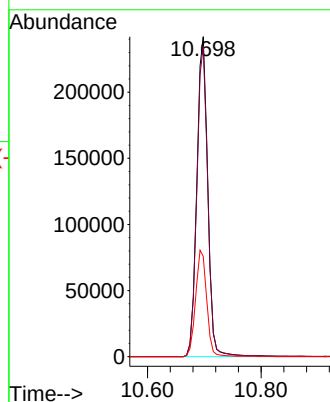
Tgt Ion:330 Resp: 326026

Ion Ratio Lower Upper

330 100

332 97.4 75.9 113.9

141 34.0 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 94.368 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140369.D

Acq: 14 Nov 2024 18:25

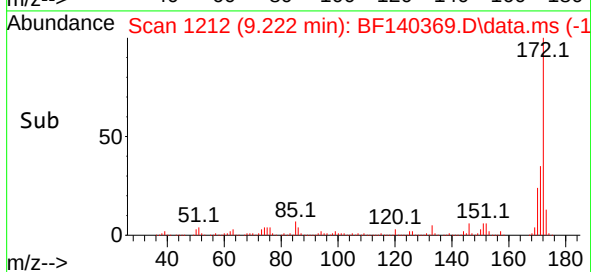
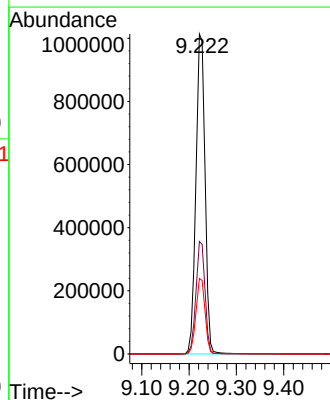
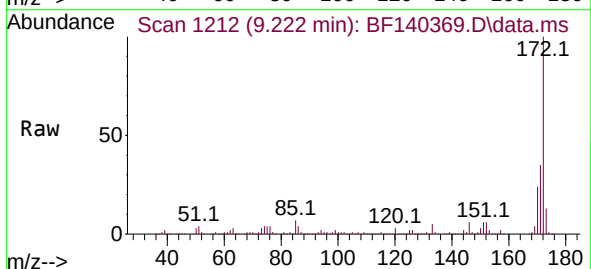
Tgt Ion:172 Resp: 1363670

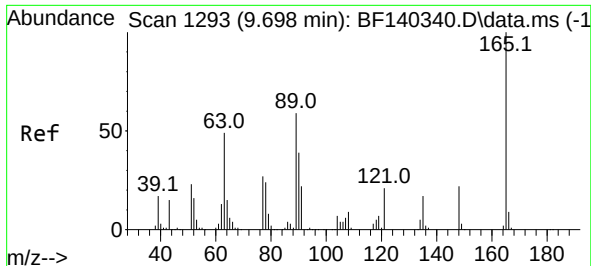
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.898 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140369.D

Acq: 14 Nov 2024 18:25

Instrument :

BNA_F

ClientSampleId :

WC-3(0-6)

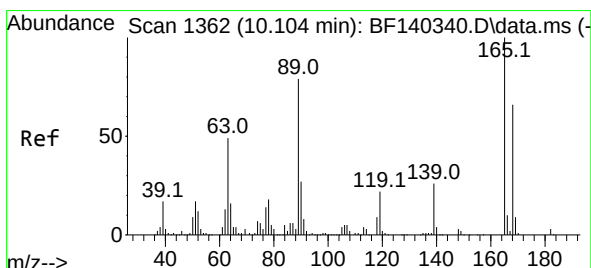
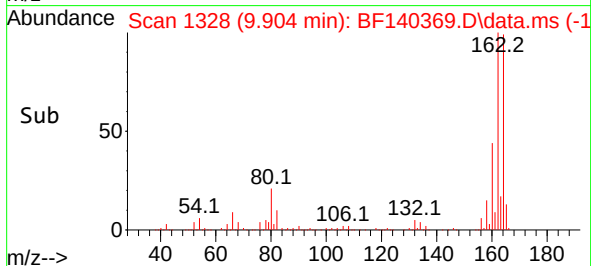
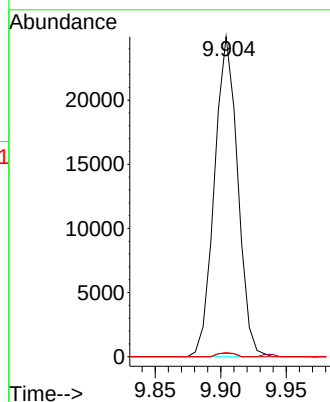
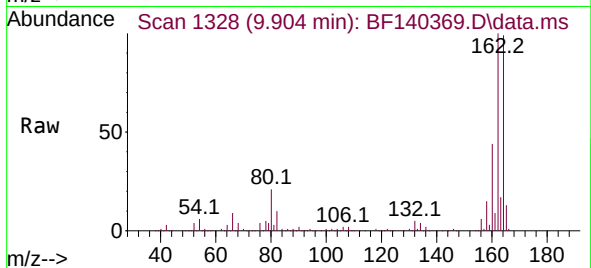
Tgt Ion:165 Resp: 30716

Ion Ratio Lower Upper

165 100

63 1.1 47.6 71.4#

89 1.2 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.761 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140369.D

Acq: 14 Nov 2024 18:25

Tgt Ion:165 Resp: 30716

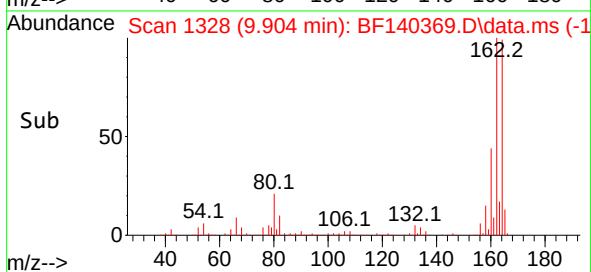
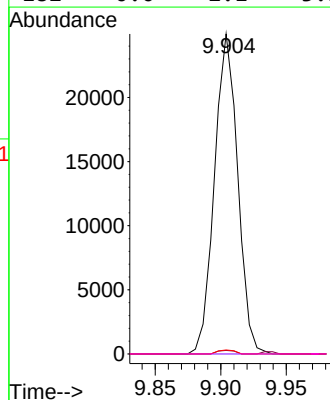
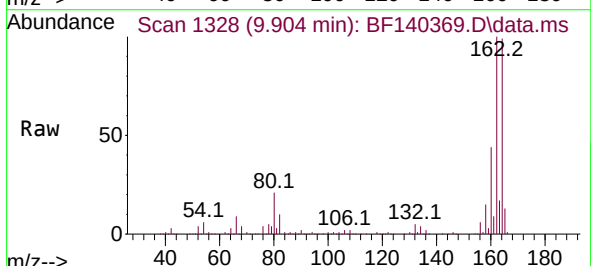
Ion Ratio Lower Upper

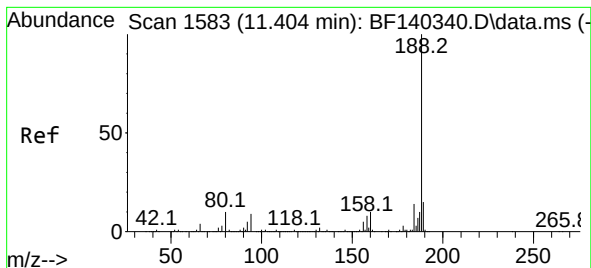
165 100

63 1.1 39.4 59.0#

89 1.2 62.4 93.6#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140369.D

Acq: 14 Nov 2024 18:25

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WC-3(0-6)

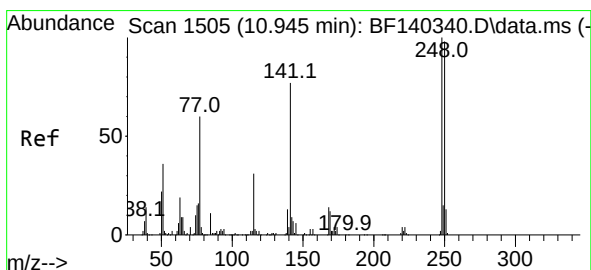
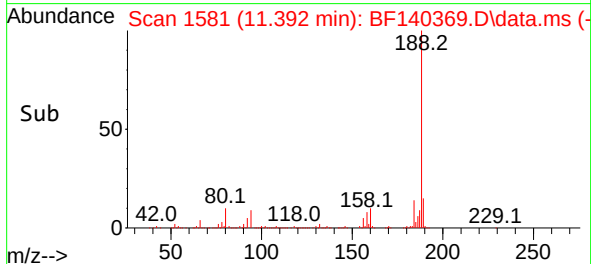
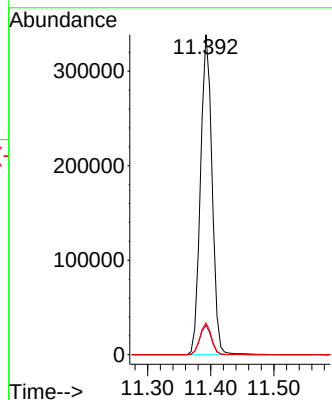
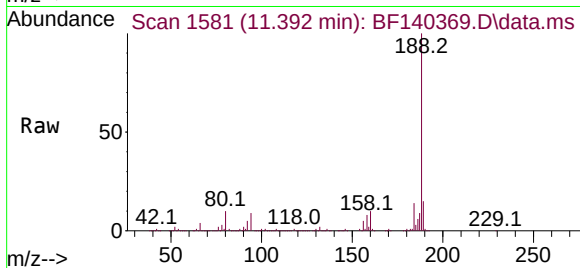
Tgt Ion:188 Resp: 429770

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.9 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.857 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140369.D

Acq: 14 Nov 2024 18:25

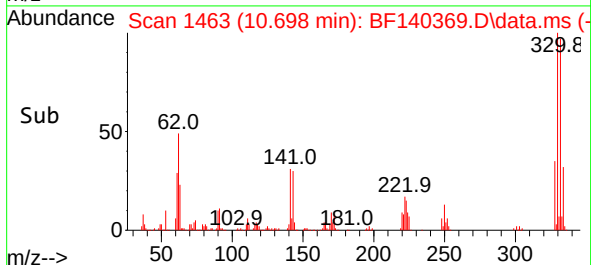
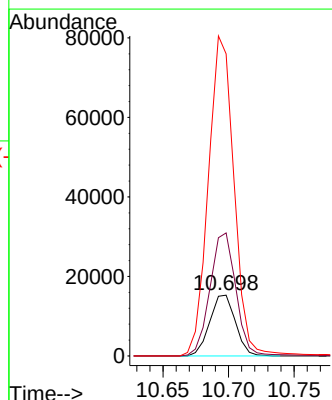
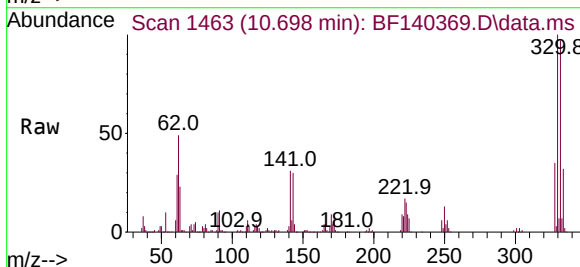
Tgt Ion:248 Resp: 20867

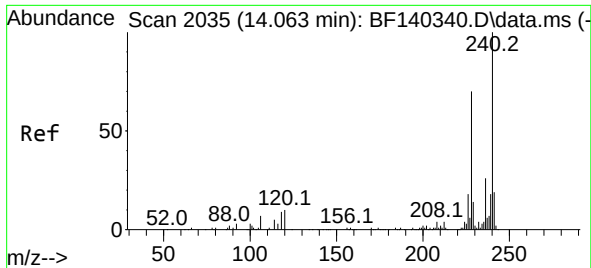
Ion Ratio Lower Upper

248 100

250 202.2 77.9 116.9#

141 496.2 61.8 92.6#

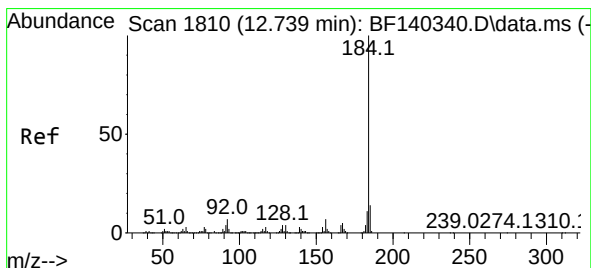
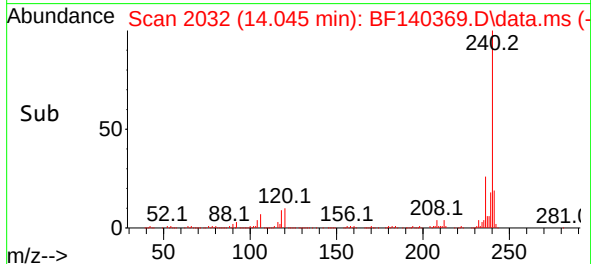
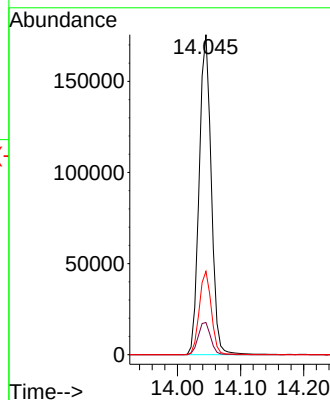
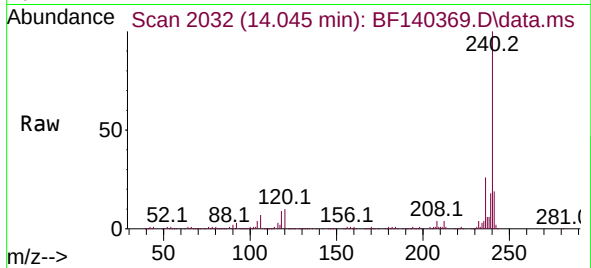




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

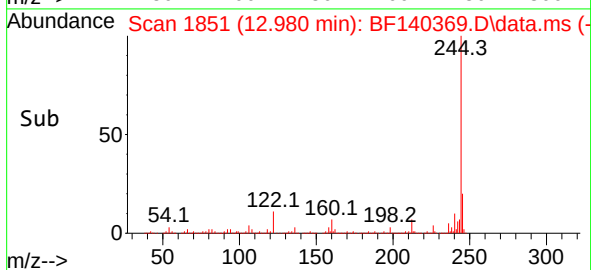
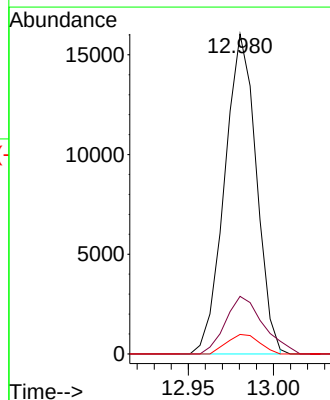
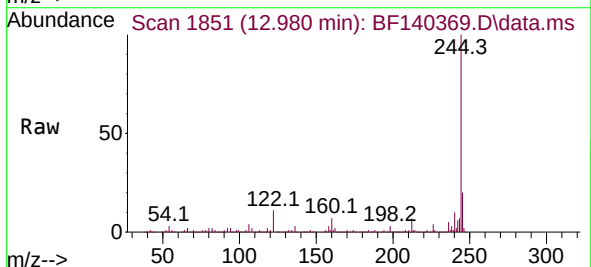
Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

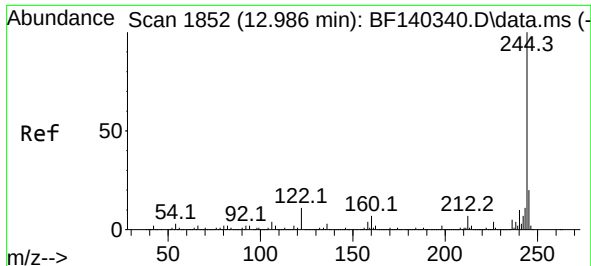
Tgt Ion:240 Resp: 232532
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.1 20.9 31.3



#77
Benzidine
Concen: 2.328 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF140369.D
Acq: 14 Nov 2024 18:25

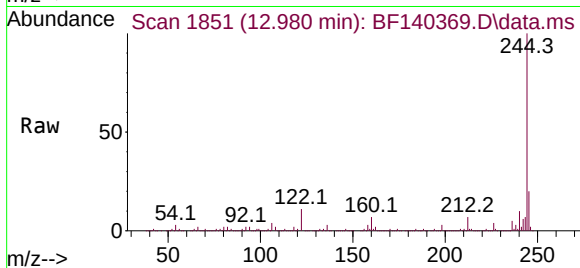
Tgt Ion:184 Resp: 20779
Ion Ratio Lower Upper
184 100
185 18.0 11.9 17.9#
183 6.1 8.6 13.0#



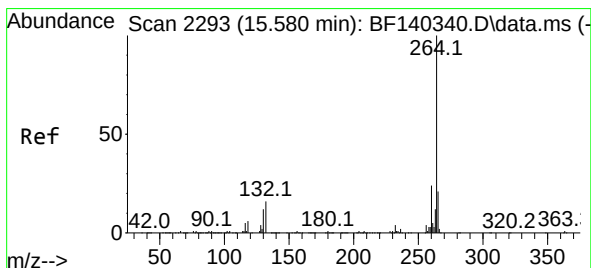
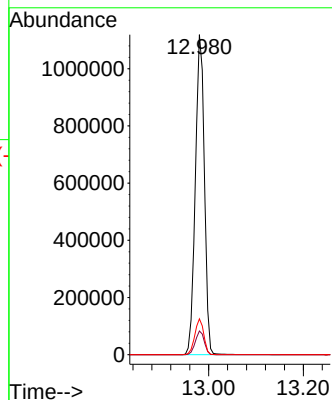
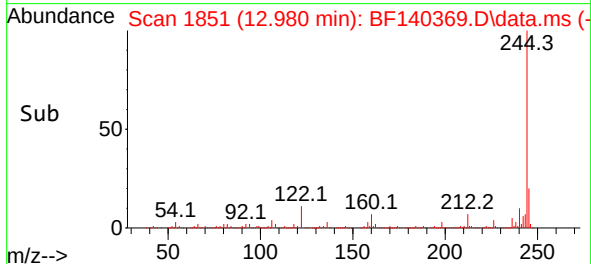


#79
 Terphenyl-d14
 Concen: 110.561 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140369.D
 Acq: 14 Nov 2024 18:25

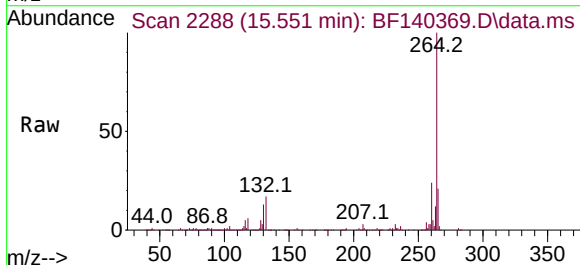
Instrument :
 BNA_F
 ClientSampleId :
 WC-3(0-6)



Tgt Ion:244 Resp: 1481105
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF140369.D
 Acq: 14 Nov 2024 18:25



Tgt Ion:264 Resp: 241777
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.1 25.7

