

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139998.D
 Acq On : 24 Oct 2024 13:50
 Operator : RC/JU
 Sample : PB164338BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164338BL

Quant Time: Oct 24 14:17:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

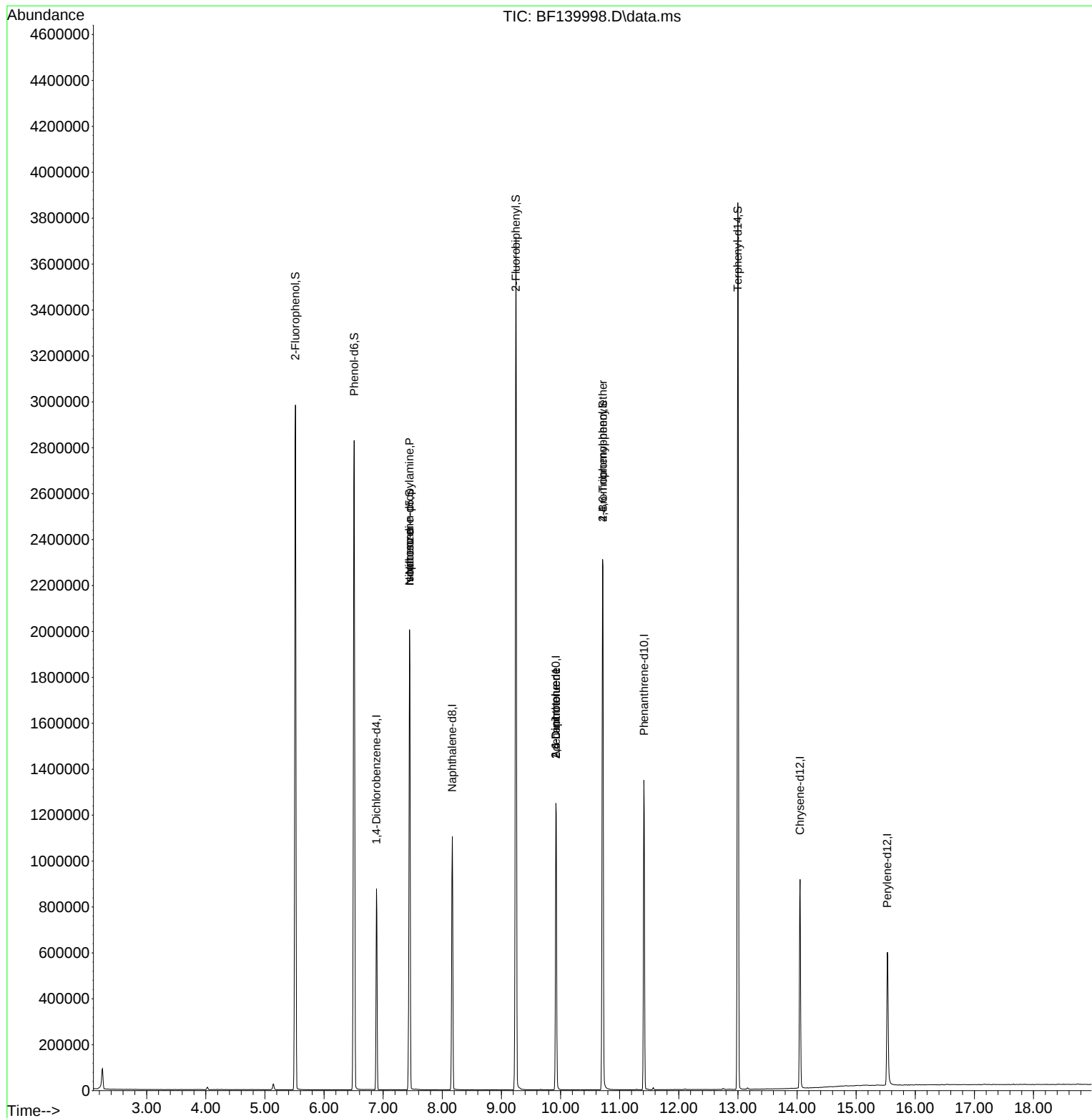
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	180668	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	693380	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	397330	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	716685	20.000	ng	0.00
76) Chrysene-d12	14.051	240	442505	20.000	ng	0.00
86) Perylene-d12	15.527	264	377315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1189625	103.081	ng	0.02
7) Phenol-d6	6.510	99	1491722	99.800	ng	0.00
23) Nitrobenzene-d5	7.445	82	966717	77.272	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	453509	122.026	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1786475	74.309	ng	0.00
79) Terphenyl-d14	12.998	244	2017758	74.302	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	130635	14.410	ng	# 76
25) Isophorone	7.445	82	961596	40.497	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	51467	9.605	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	51468	7.810	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	28568	3.869	ng	# 1

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

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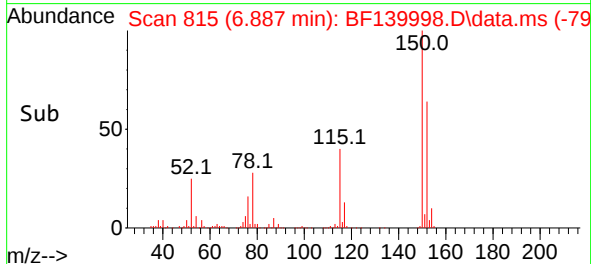
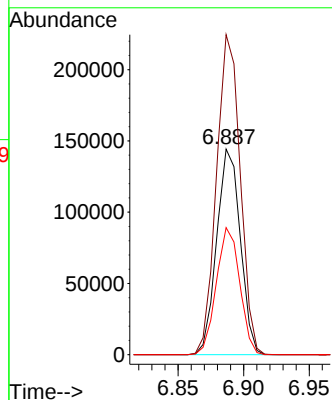
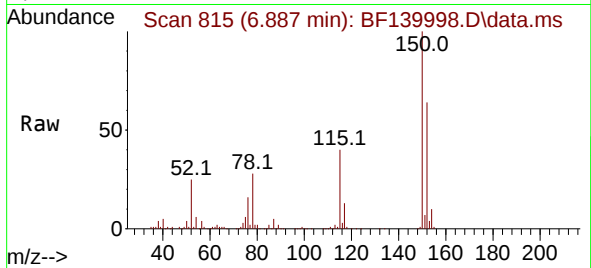




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

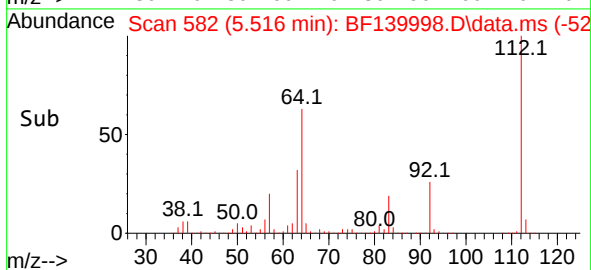
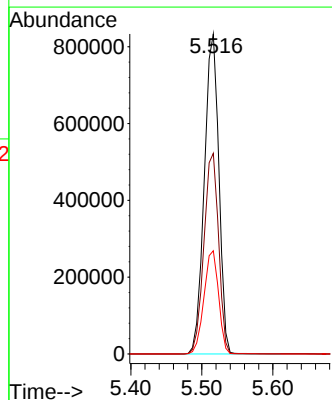
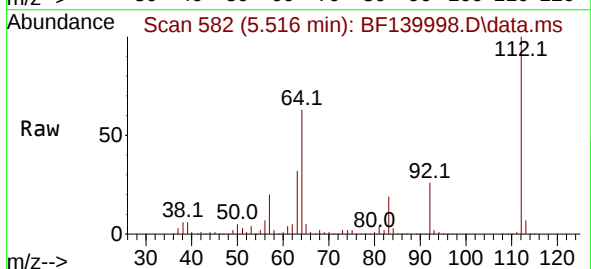
Instrument :
BNA_F
ClientSampleId :
PB164338BL

Tgt Ion:152 Resp: 180668
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 61.8 51.4 77.2



#5
2-Fluorophenol
Concen: 103.081 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

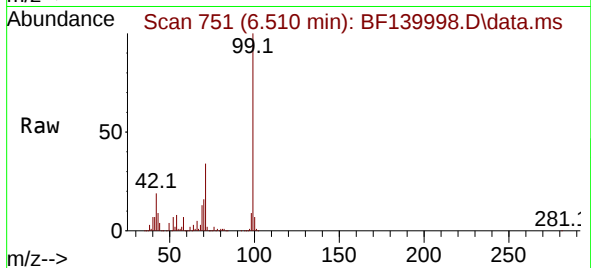
Tgt Ion:112 Resp: 1189625
Ion Ratio Lower Upper
112 100
64 62.7 53.0 79.6
63 32.3 27.0 40.4





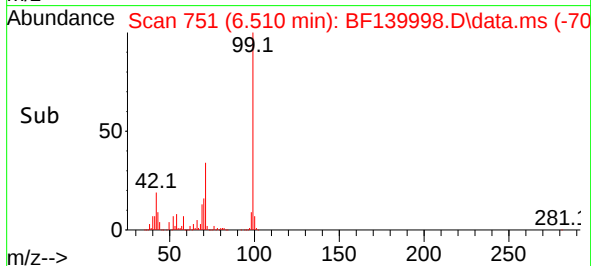
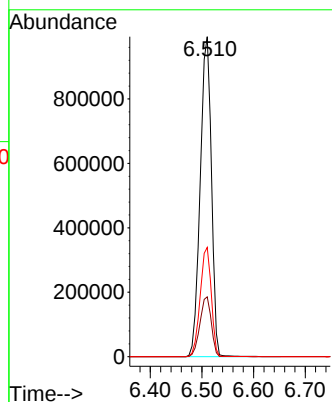
#7
Phenol-d6
Concen: 99.800 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB164338BL



Tgt Ion: 99 Resp: 1491722

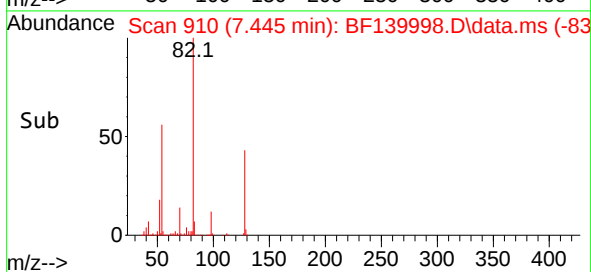
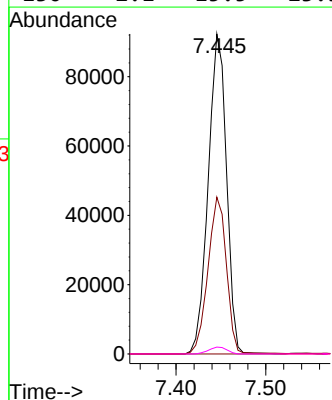
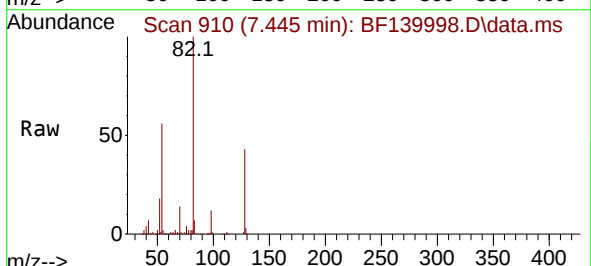
Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.7	25.1
71	34.2	27.7	41.5

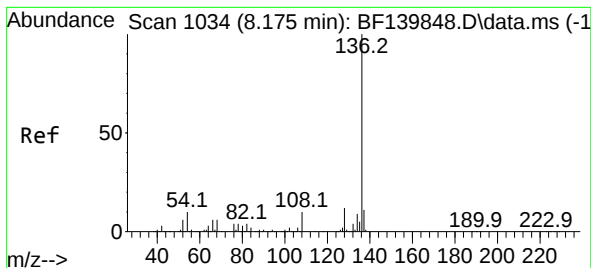


#19
n-Nitroso-di-n-propylamine
Concen: 14.410 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Tgt Ion: 70 Resp: 130635

Ion	Ratio	Lower	Upper
70	100		
42	49.0	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139998.D

Acq: 24 Oct 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB164338BL

Tgt Ion:136 Resp: 693380

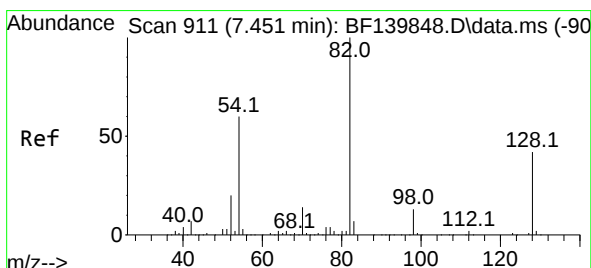
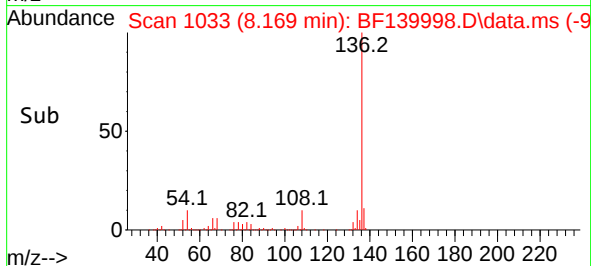
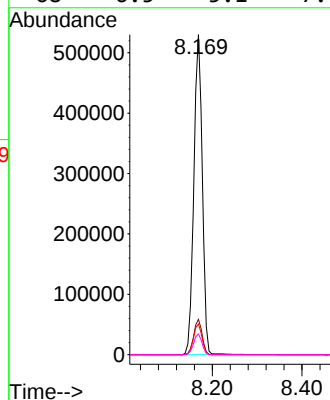
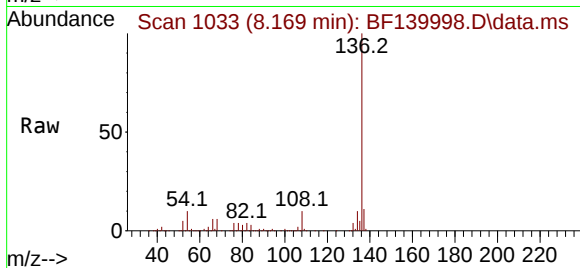
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 9.6 8.4 12.6

68 6.5 5.1 7.7



#23

Nitrobenzene-d5

Concen: 77.272 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139998.D

Acq: 24 Oct 2024 13:50

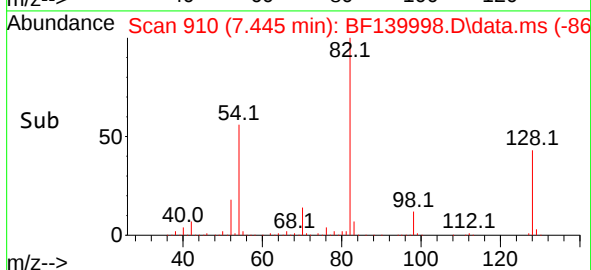
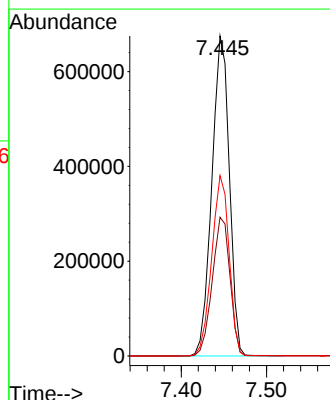
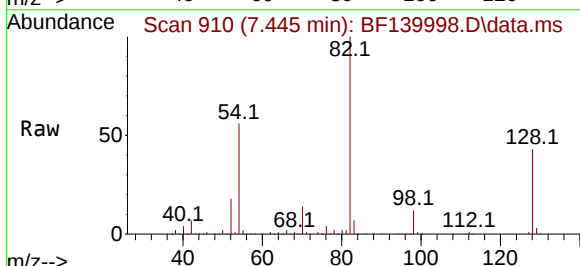
Tgt Ion: 82 Resp: 966717

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 56.4 47.8 71.8

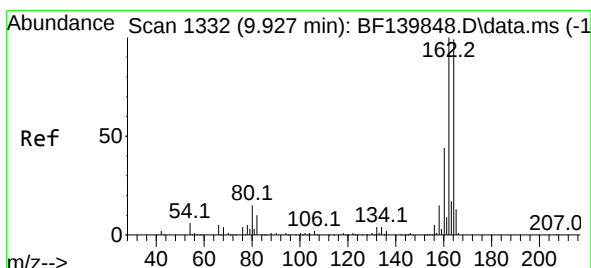
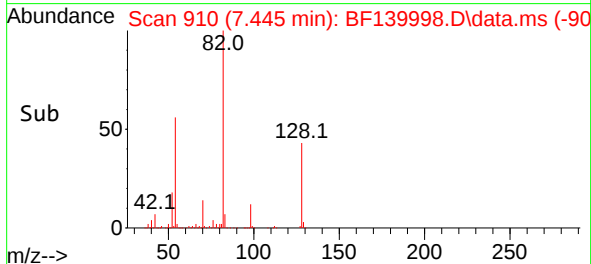
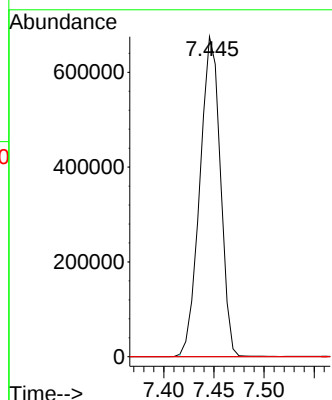
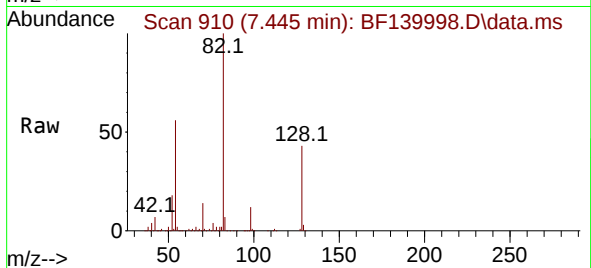




#25
Isophorone
Concen: 40.497 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

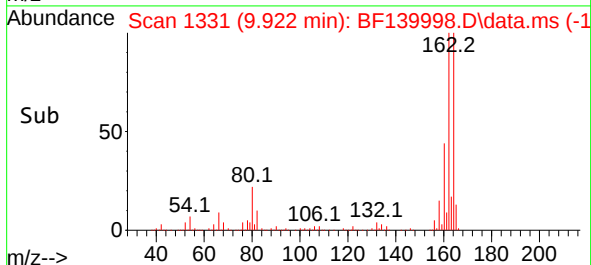
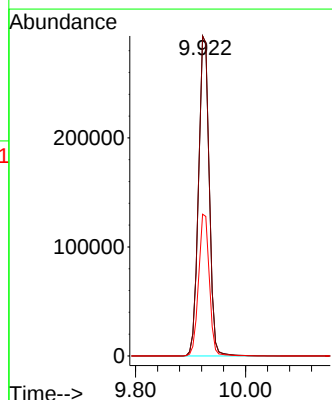
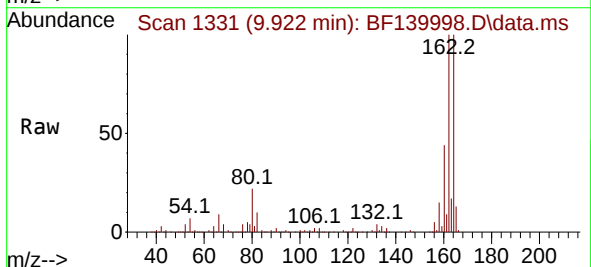
Instrument :
BNA_F
ClientSampleId :
PB164338BL

Tgt Ion: 82 Resp: 961596
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

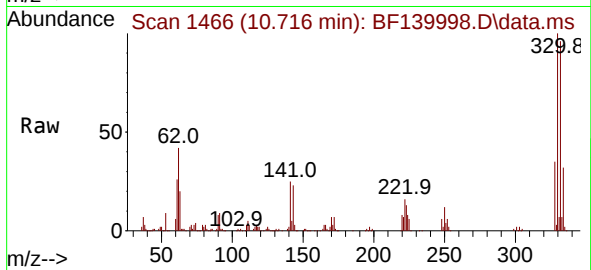
Tgt Ion:164 Resp: 397330
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.3 35.4 53.0



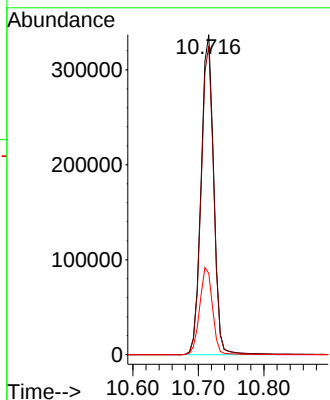
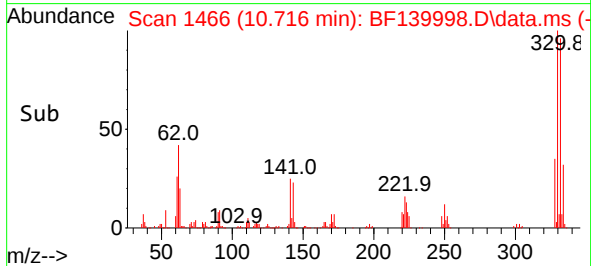


#42
2,4,6-Tribromophenol
Concen: 122.026 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB164338BL

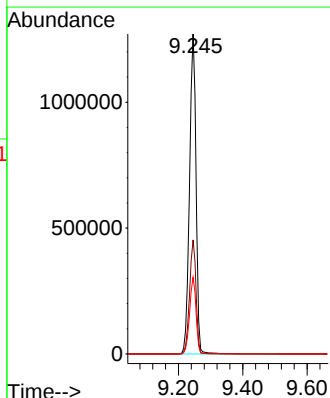
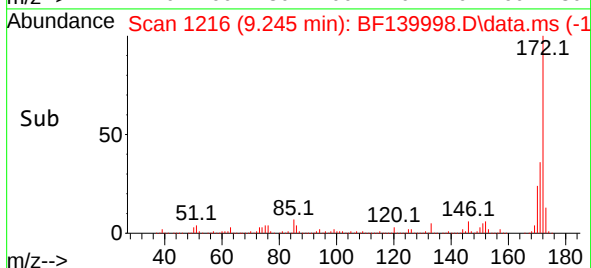
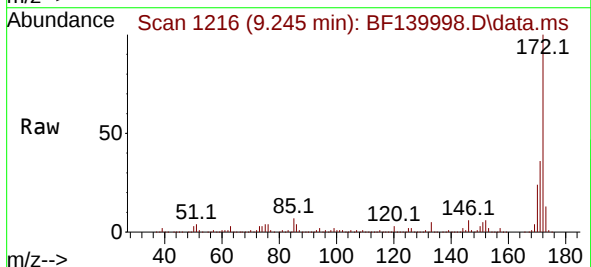


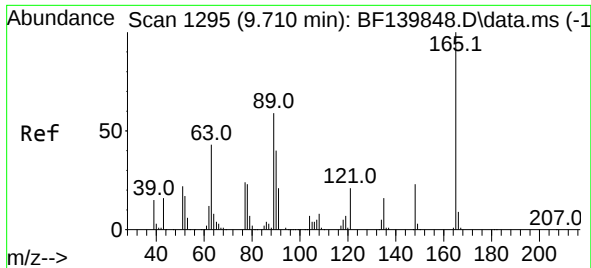
Tgt Ion:330 Resp: 453509
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 27.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 74.309 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Tgt Ion:172 Resp: 1786475
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.1 28.7

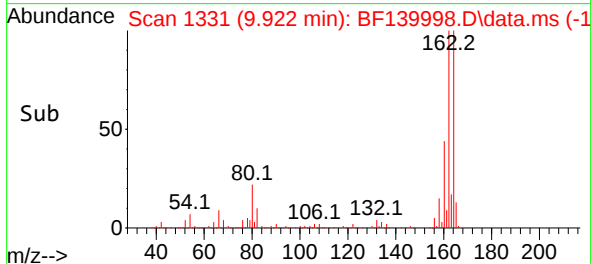
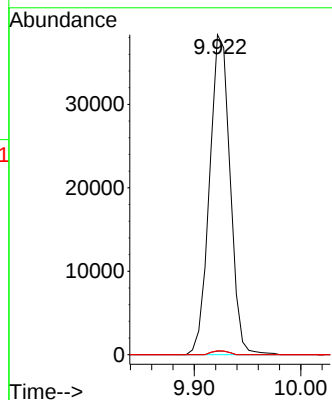
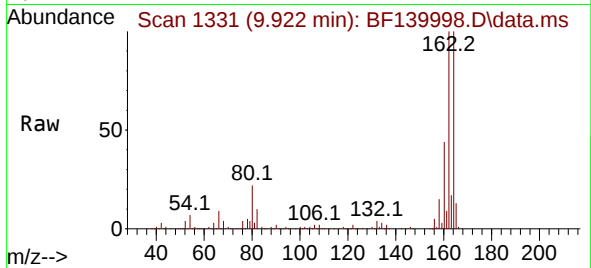




#51
2,6-Dinitrotoluene
Concen: 9.605 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

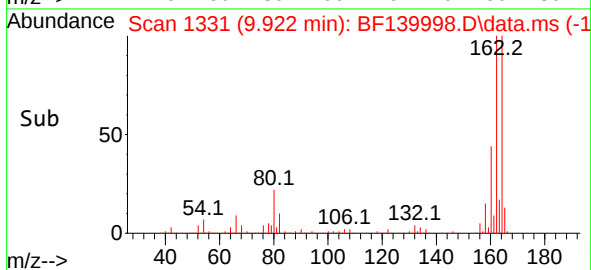
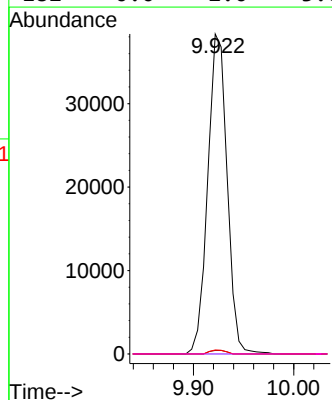
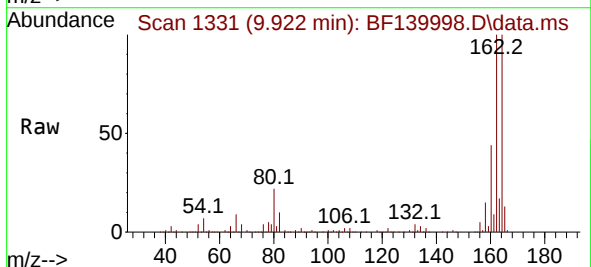
Instrument :
BNA_F
ClientSampleId :
PB164338BL

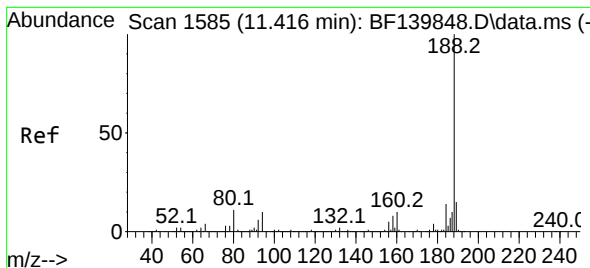
Tgt Ion:165 Resp: 51467
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.810 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Tgt Ion:165 Resp: 51468
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139998.D

Acq: 24 Oct 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB164338BL

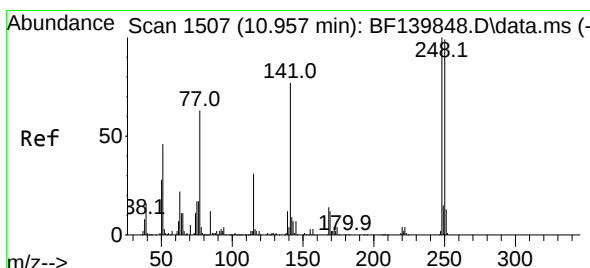
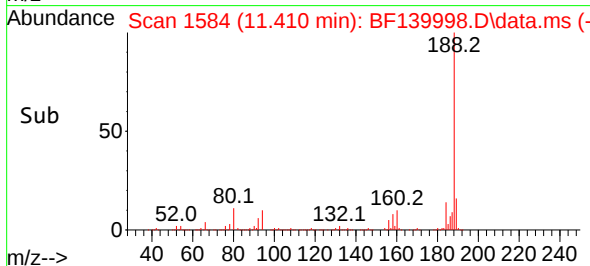
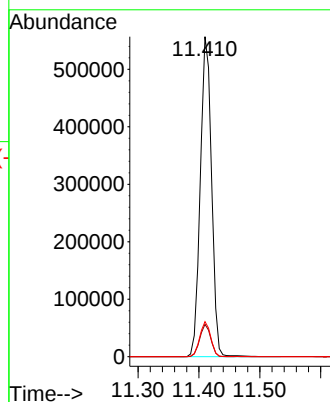
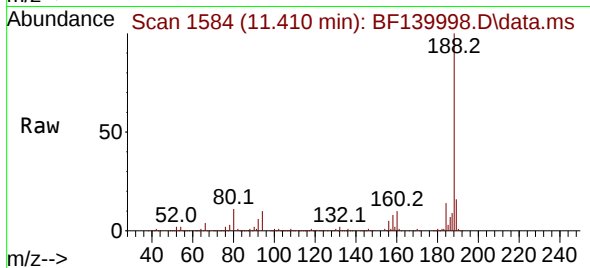
Tgt Ion:188 Resp: 716685

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.869 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139998.D

Acq: 24 Oct 2024 13:50

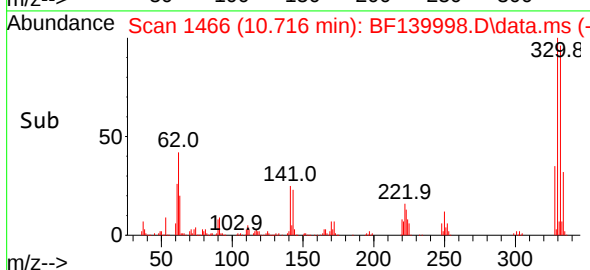
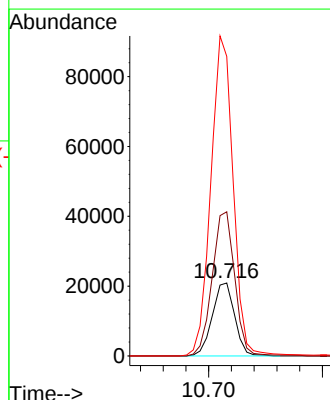
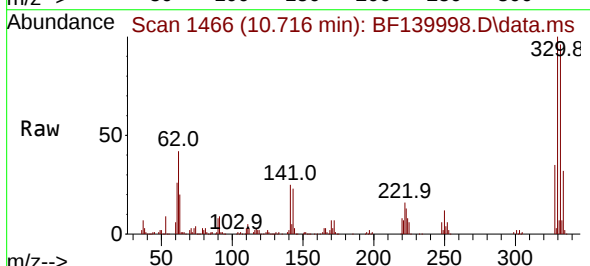
Tgt Ion:248 Resp: 28568

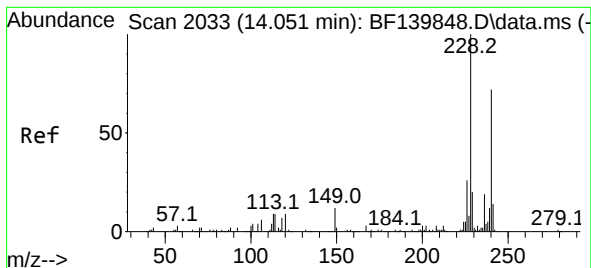
Ion Ratio Lower Upper

248 100

250 197.6 79.0 118.6#

141 410.1 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139998.D

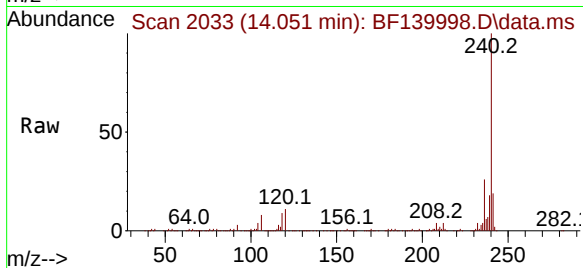
Acq: 24 Oct 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB164338BL



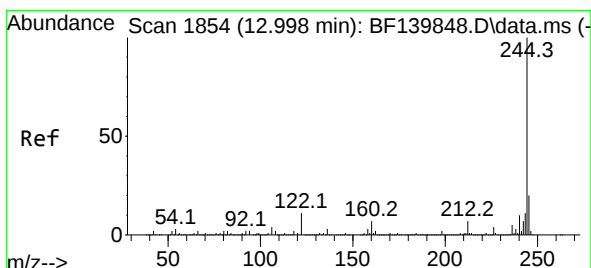
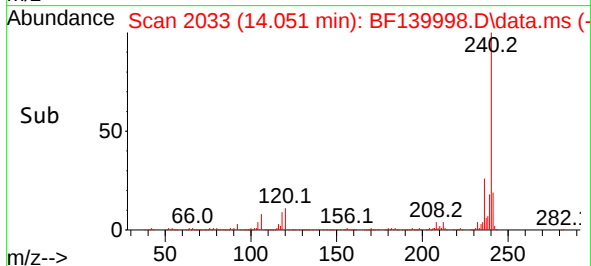
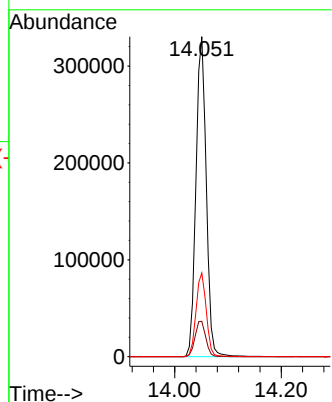
Tgt Ion:240 Resp: 442505

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 74.302 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139998.D

Acq: 24 Oct 2024 13:50

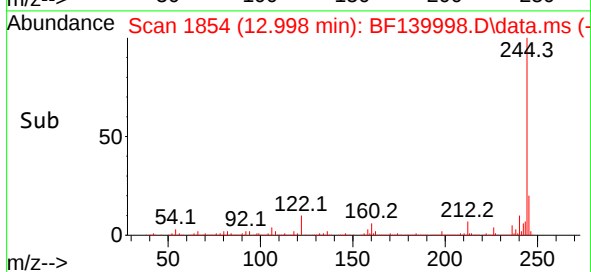
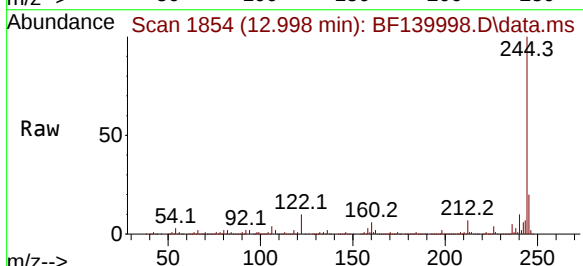
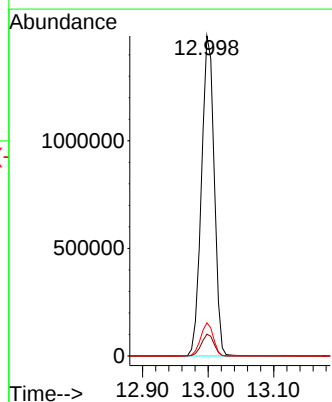
Tgt Ion:244 Resp: 2017758

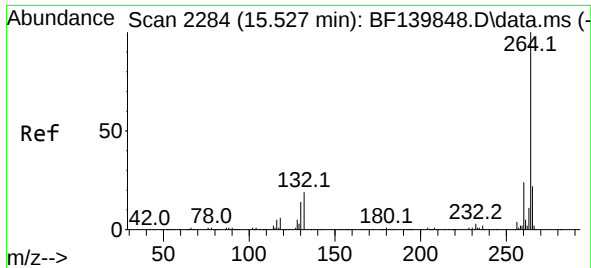
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139998.D
 Acq: 24 Oct 2024 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB164338BL

Tgt Ion:264	Resp:	377315
Ion	Ratio	Lower Upper
264	100	
260	23.3	19.4 29.2
265	21.0	17.4 26.0

