

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139957.D
 Acq On : 23 Oct 2024 11:42
 Operator : RC/JU
 Sample : PB164208BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164208BL

Quant Time: Oct 23 12:02:53 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)

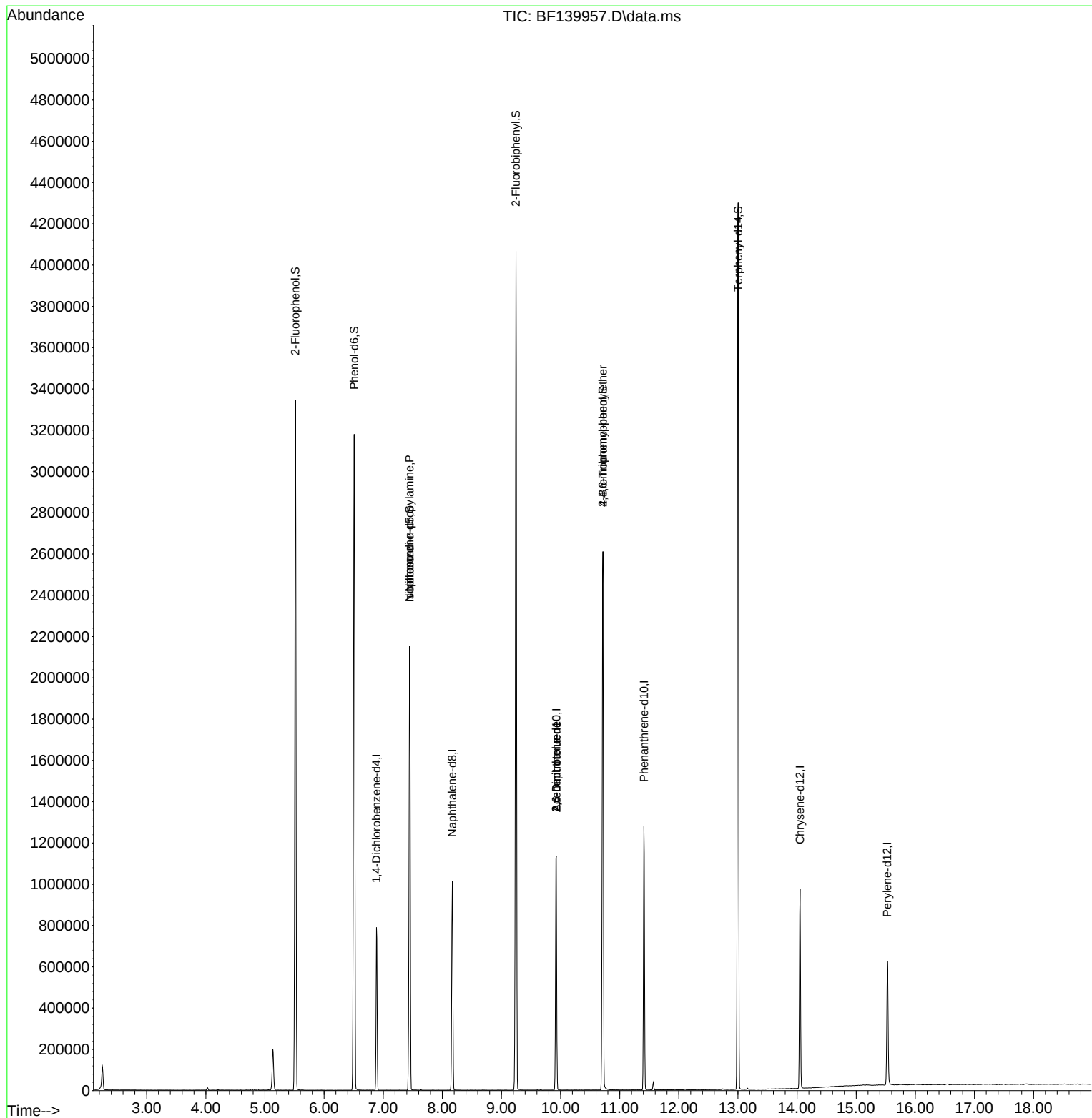
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	160805	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	631044	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	354621	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	668162	20.000	ng	0.00
76) Chrysene-d12	14.051	240	452366	20.000	ng	0.00
86) Perylene-d12	15.527	264	359351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1304737	127.020	ng	0.02
7) Phenol-d6	6.510	99	1634619	122.869	ng	0.00
23) Nitrobenzene-d5	7.445	82	1053297	92.509	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	498320	150.231	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1904294	88.749	ng	0.00
79) Terphenyl-d14	13.004	244	2351970	84.721	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	142777	17.695	ng	# 76
25) Isophorone	7.445	82	1049820	48.580	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	45689	9.553	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	45689	7.768	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	31298	4.547	ng	# 1

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

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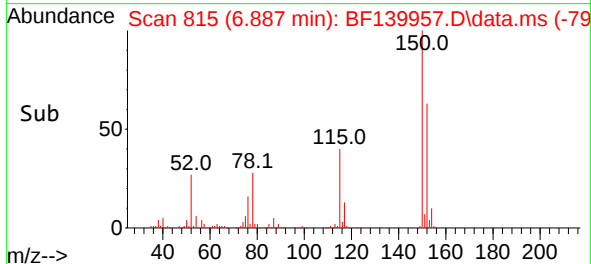
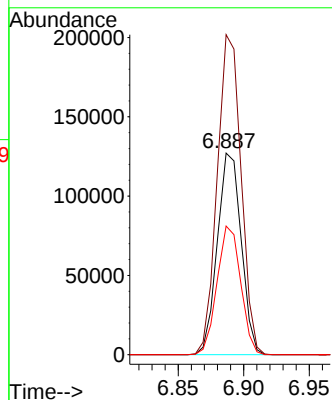
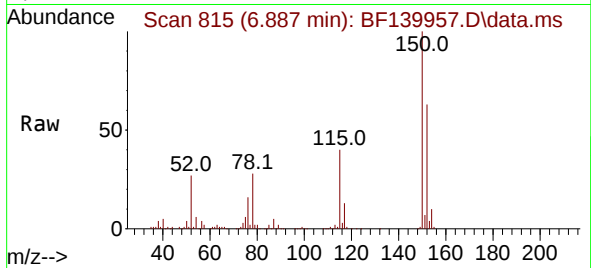




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

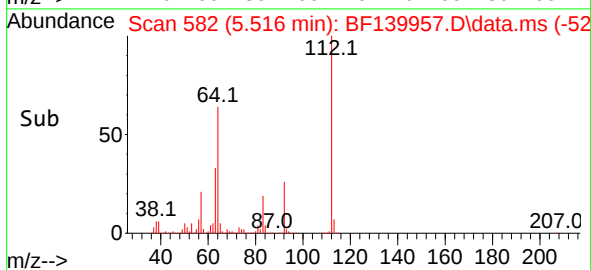
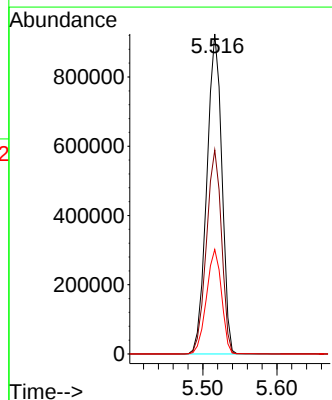
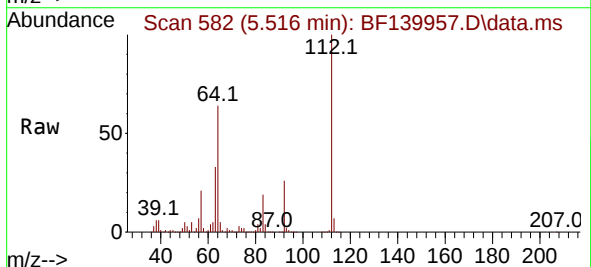
Instrument :
BNA_F
ClientSampleId :
PB164208BL

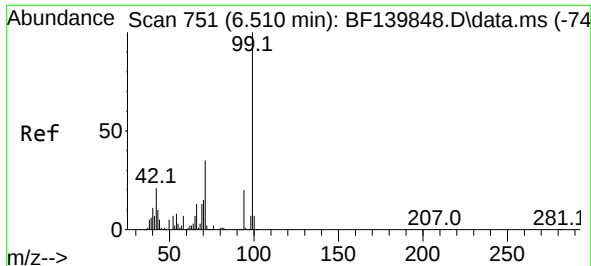
Tgt Ion:152 Resp: 160805
Ion Ratio Lower Upper
152 100
150 158.7 130.2 195.2
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 127.020 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion:112 Resp: 1304737
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 32.7 27.0 40.4

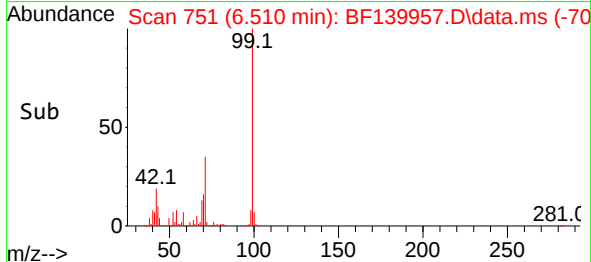
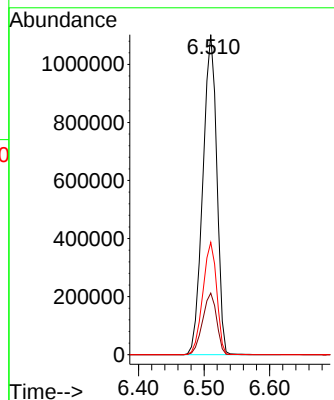
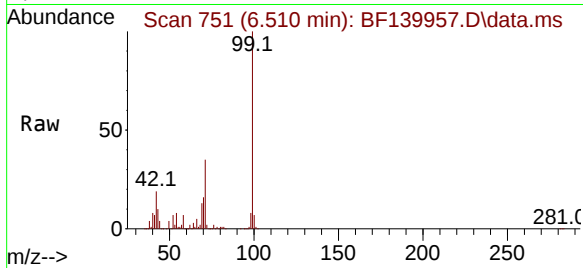




#7
Phenol-d6
Concen: 122.869 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

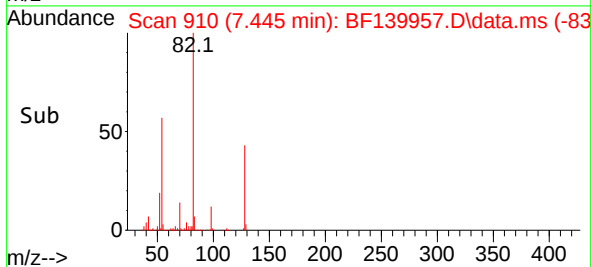
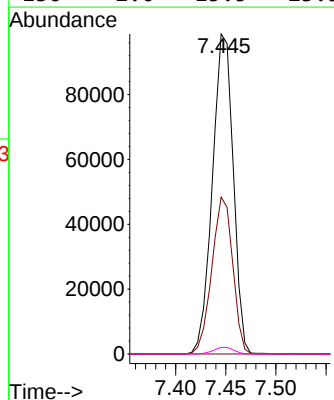
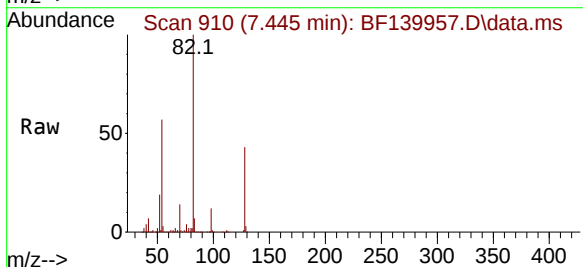
Instrument :
BNA_F
ClientSampleId :
PB164208BL

Tgt Ion: 99 Resp: 1634619
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 35.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.695 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion: 70 Resp: 142777
Ion Ratio Lower Upper
70 100
42 49.0 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

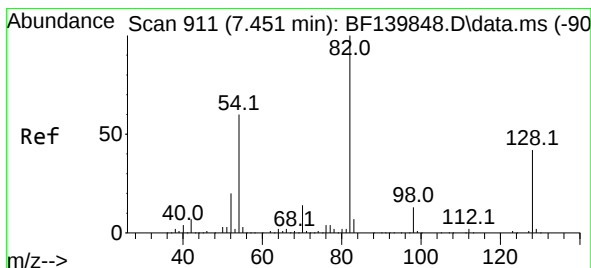
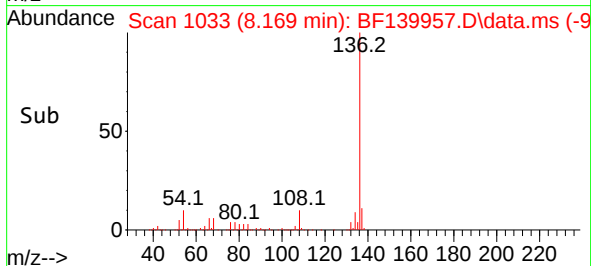
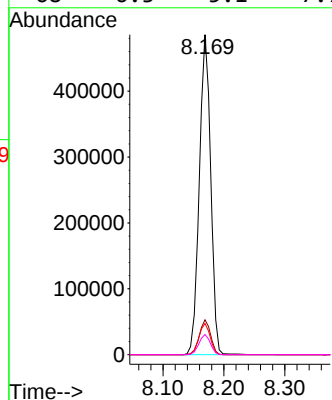
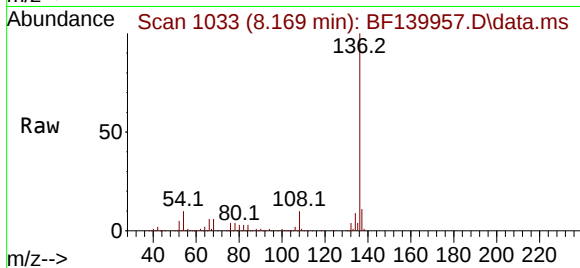
Instrument :

BNA_F

ClientSampleId :

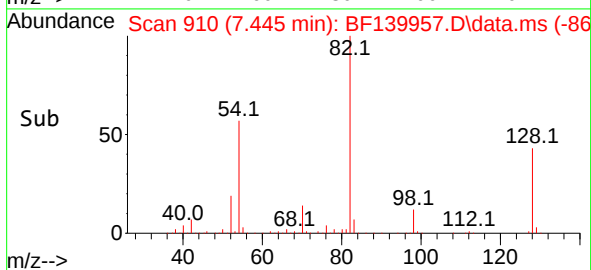
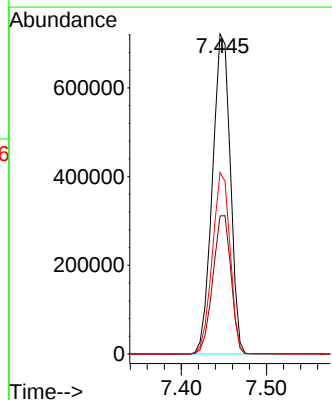
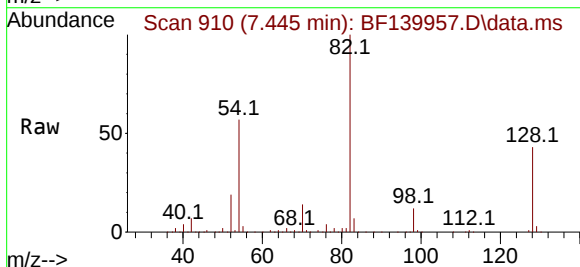
PB164208BL

Tgt Ion:136 Resp: 631044
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 8.4 12.6
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 92.509 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion: 82 Resp: 1053297
Ion Ratio Lower Upper
82 100
128 43.1 33.4 50.0
54 56.7 47.8 71.8

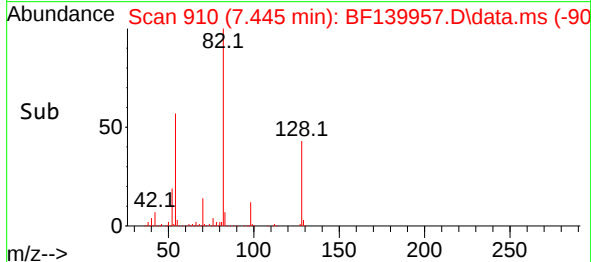
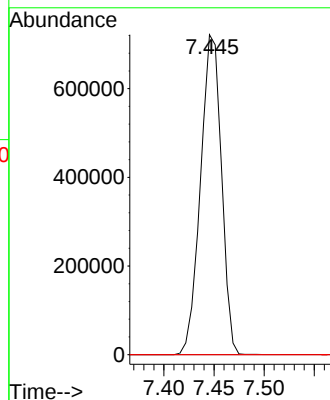
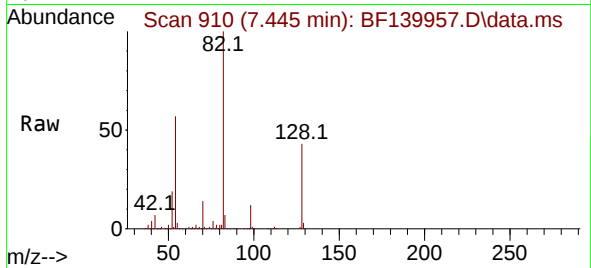




#25
Isophorone
Concen: 48.580 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

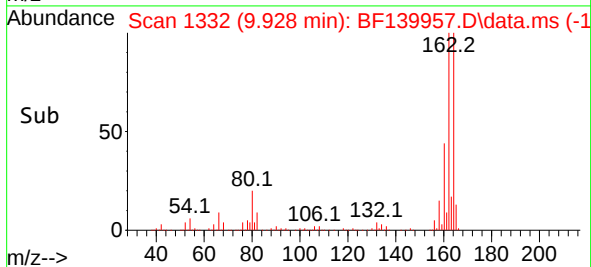
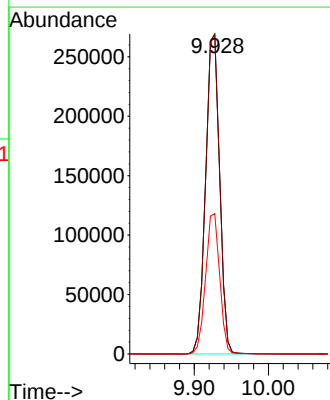
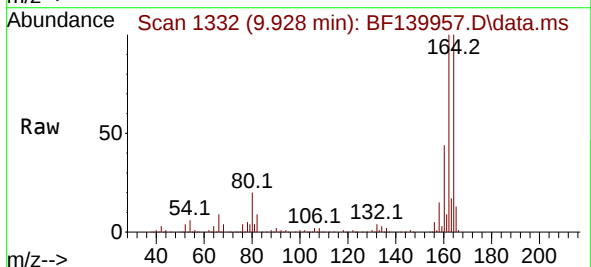
Instrument :
BNA_F
ClientSampleId :
PB164208BL

Tgt Ion: 82 Resp: 1049820
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: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion:164 Resp: 354621
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 150.231 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139957.D

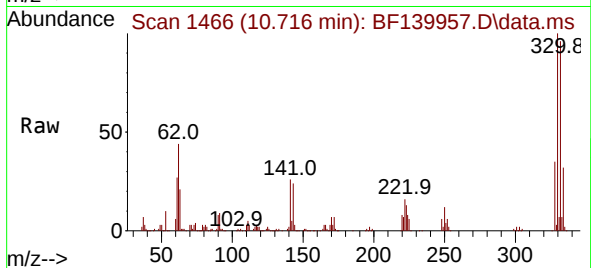
Acq: 23 Oct 2024 11:42

Instrument :

BNA_F

ClientSampleId :

PB164208BL



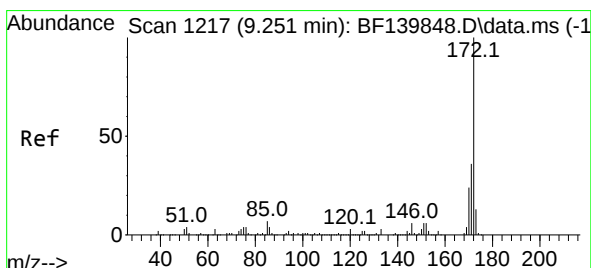
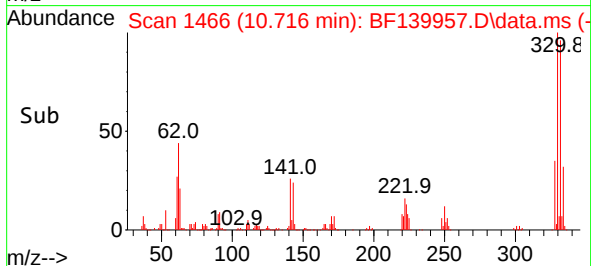
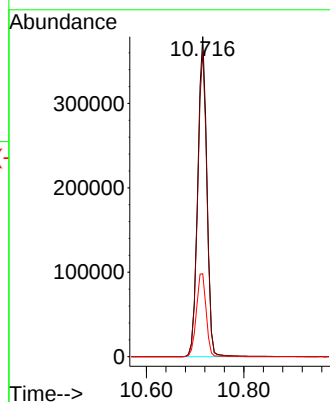
Tgt Ion:330 Resp: 498320

Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 27.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 88.749 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139957.D

Acq: 23 Oct 2024 11:42

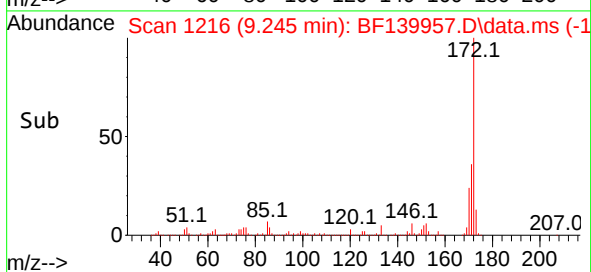
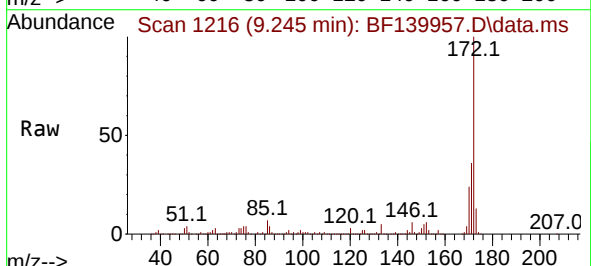
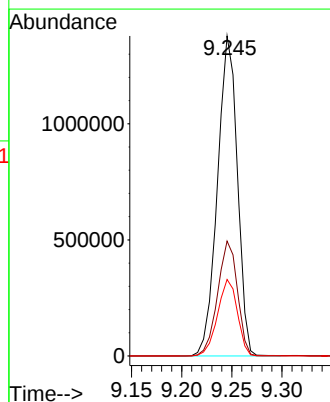
Tgt Ion:172 Resp: 1904294

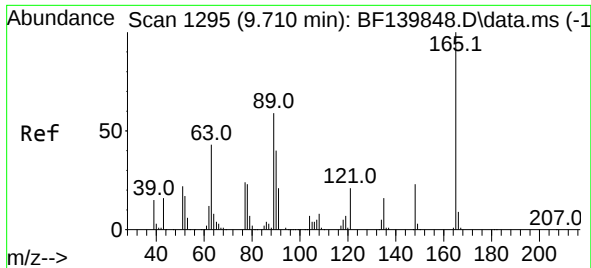
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.9 19.1 28.7

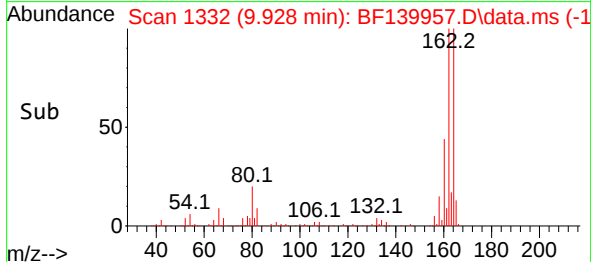
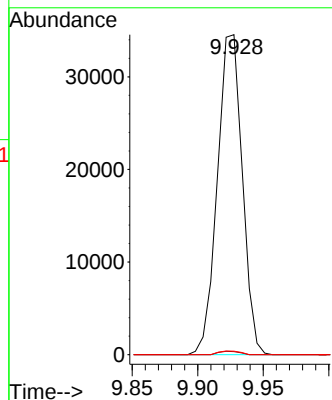
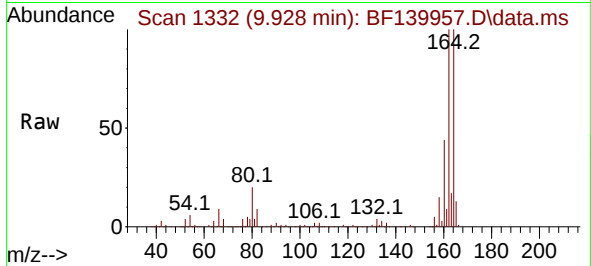




#51
2,6-Dinitrotoluene
Concen: 9.553 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

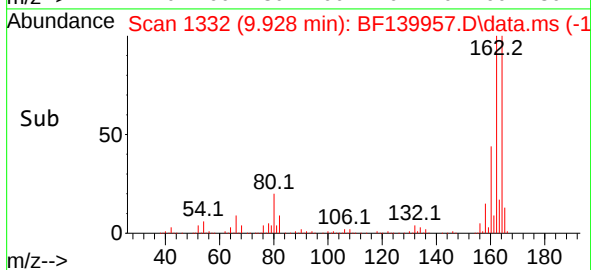
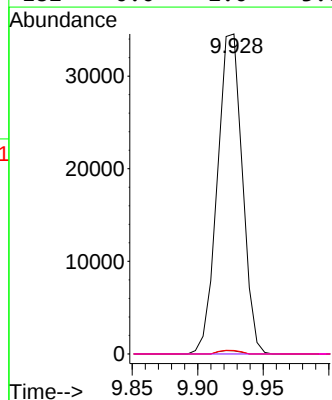
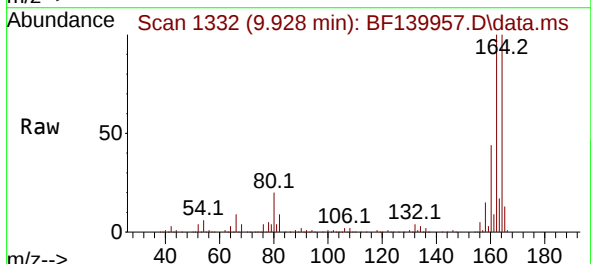
Instrument :
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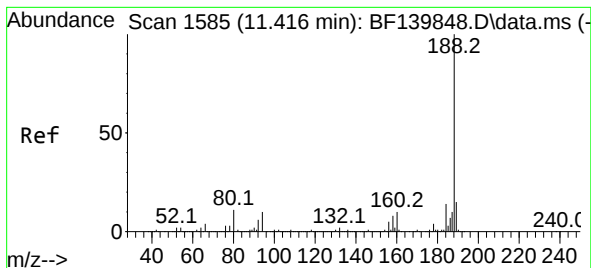
Tgt Ion:165 Resp: 45689
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.768 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion:165 Resp: 45689
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.1 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: BF139957.D

Acq: 23 Oct 2024 11:42

Instrument :

BNA_F

ClientSampleId :

PB164208BL

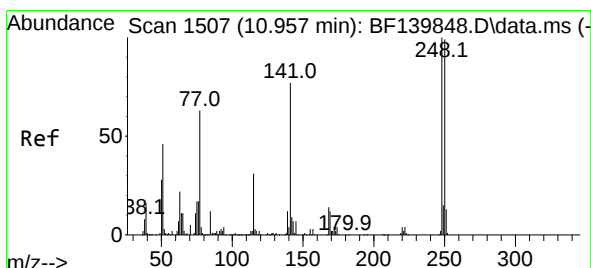
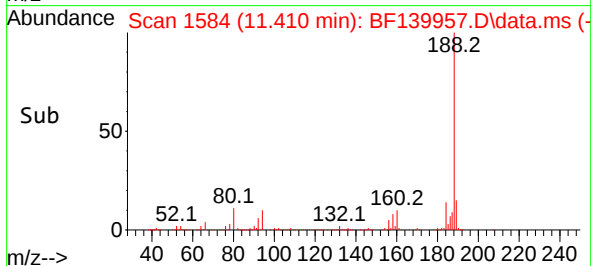
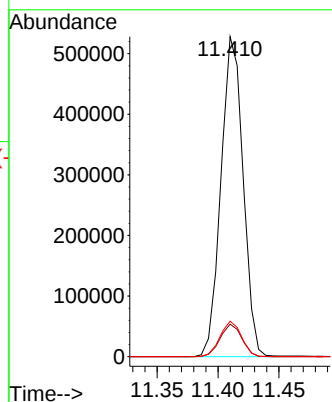
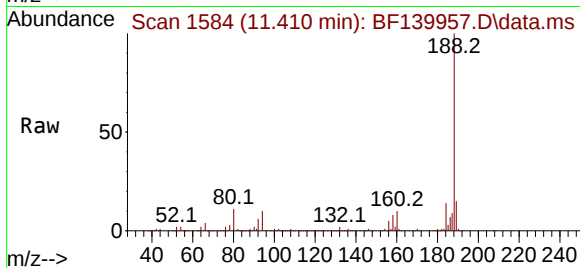
Tgt Ion:188 Resp: 668162

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.547 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139957.D

Acq: 23 Oct 2024 11:42

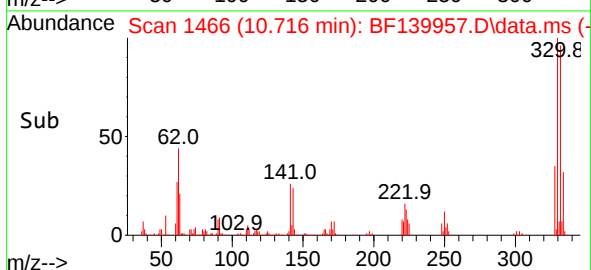
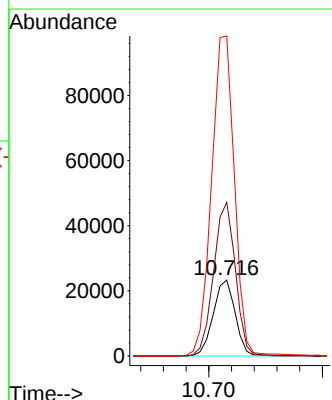
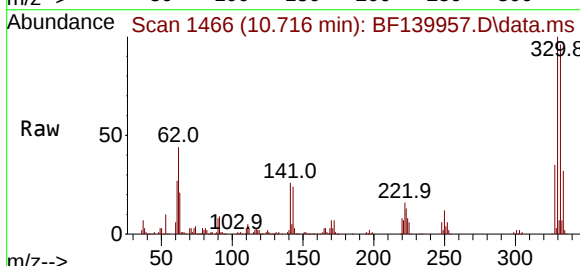
Tgt Ion:248 Resp: 31298

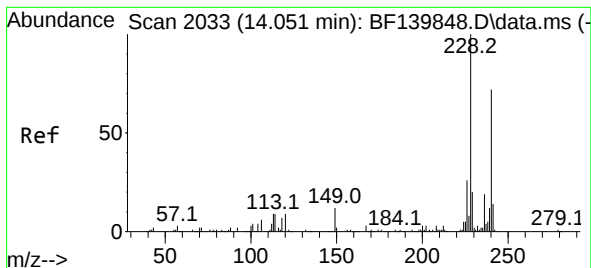
Ion Ratio Lower Upper

248 100

250 202.5 79.0 118.6#

141 421.6 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: BF139957.D

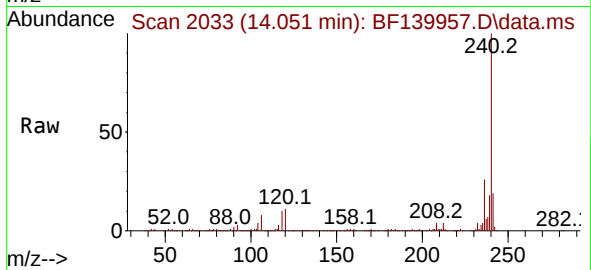
Acq: 23 Oct 2024 11:42

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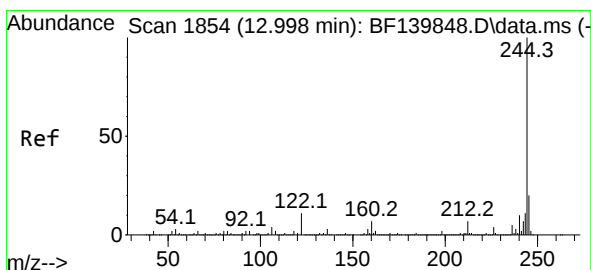
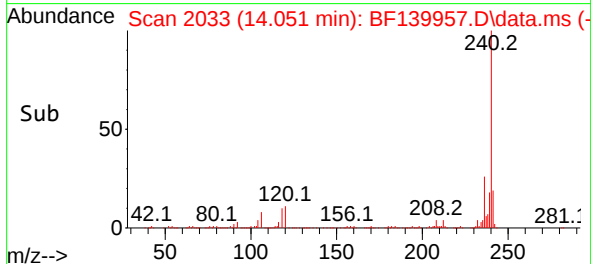
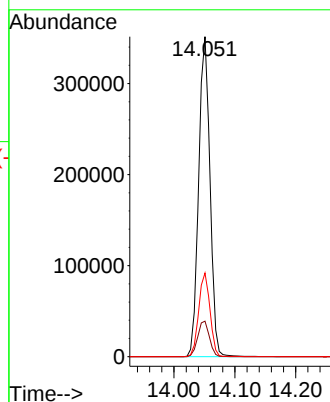
Tgt Ion:240 Resp: 452366

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 84.721 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139957.D

Acq: 23 Oct 2024 11:42

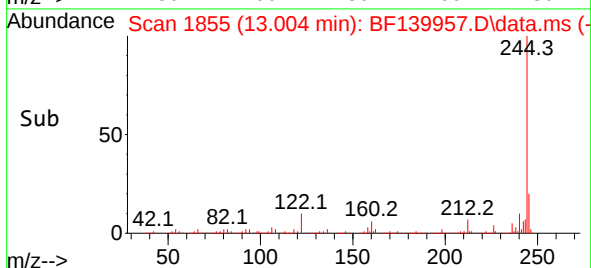
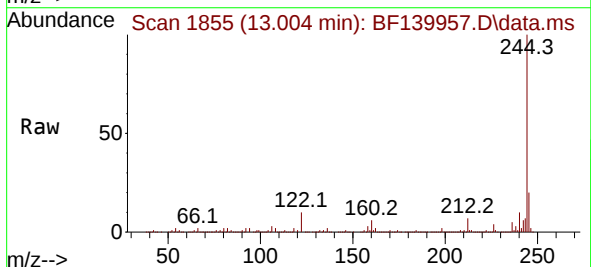
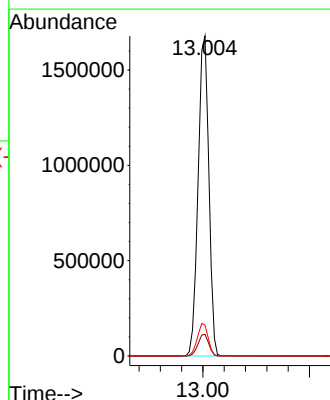
Tgt Ion:244 Resp: 2351970

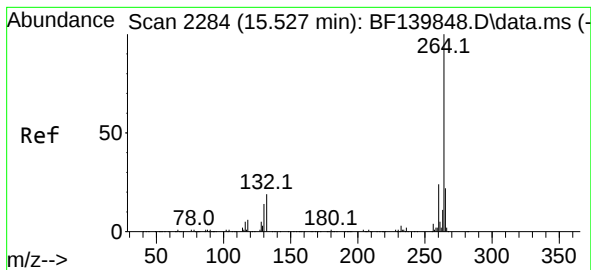
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

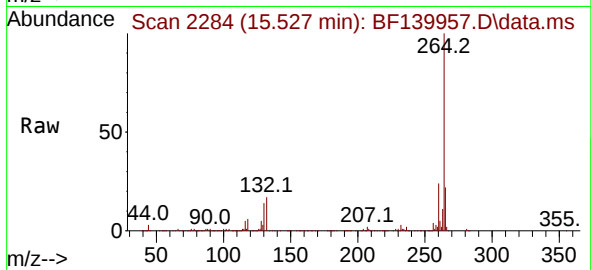
122 9.7 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139957.D
 Acq: 23 Oct 2024 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB164208BL



Tgt Ion:264 Resp: 359351
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.1 17.4 26.0

