

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139924.D
 Acq On : 22 Oct 2024 13:01
 Operator : RC/JU
 Sample : PB164246BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164246BL

Quant Time: Oct 22 13:33:44 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)

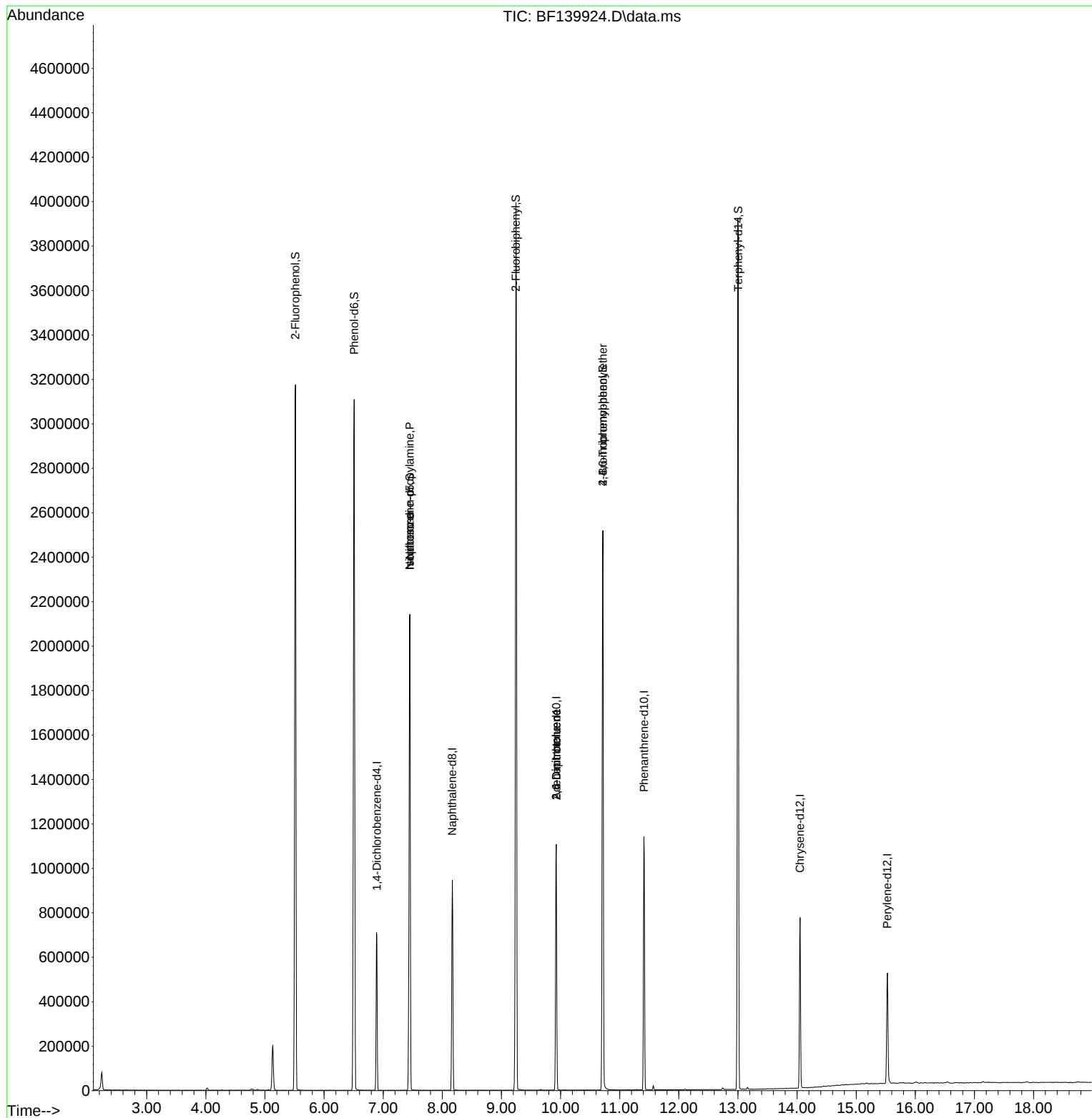
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	149368	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	584470	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	333046	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	597687	20.000	ng	0.00
76) Chrysene-d12	14.051	240	352121	20.000	ng	0.00
86) Perylene-d12	15.527	264	296042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1276199	133.755	ng	0.02
7) Phenol-d6	6.510	99	1614429	130.643	ng	0.00
23) Nitrobenzene-d5	7.451	82	1035807	98.223	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	461875	148.265	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1862300	92.414	ng	0.00
79) Terphenyl-d14	13.004	244	2091647	96.793	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	139470	18.609	ng	# 76
25) Isophorone	7.451	82	1033177	51.619	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	43936	9.782	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	43936	7.954	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	28254	4.589	ng	# 1

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

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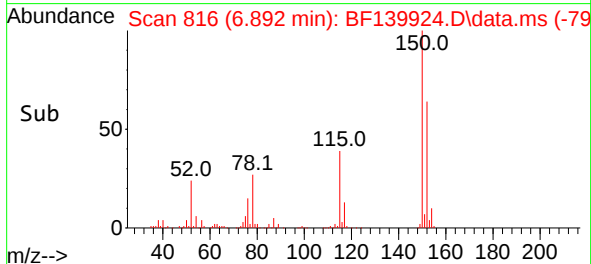
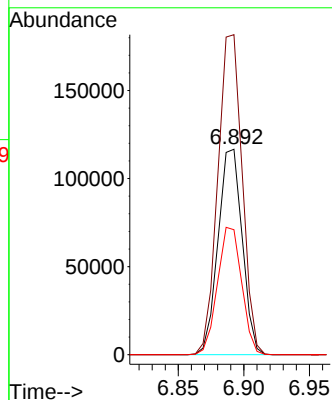
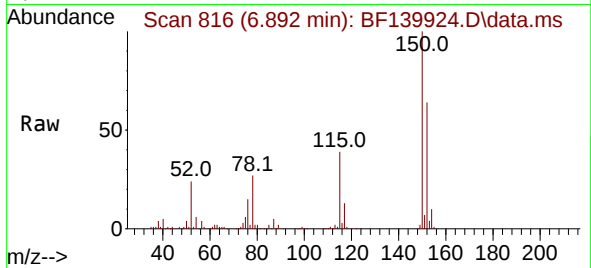




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

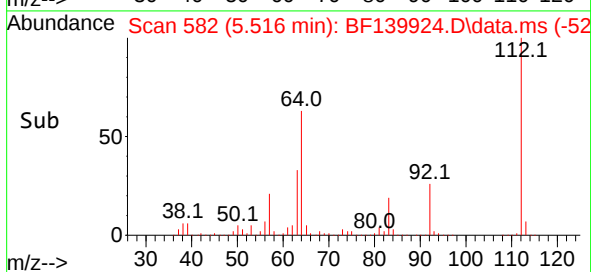
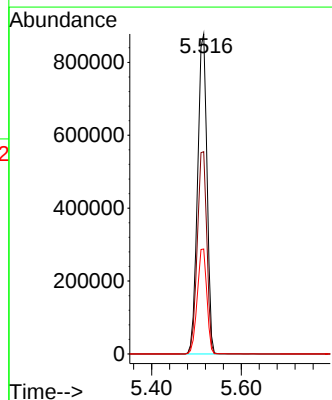
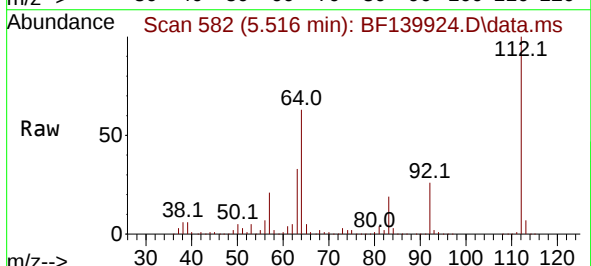
Instrument :
BNA_F
ClientSampleId :
PB164246BL

Tgt Ion:152 Resp: 149368
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 60.8 51.4 77.2



#5
2-Fluorophenol
Concen: 133.755 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

Tgt Ion:112 Resp: 1276199
Ion Ratio Lower Upper
112 100
64 63.2 53.0 79.6
63 32.8 27.0 40.4

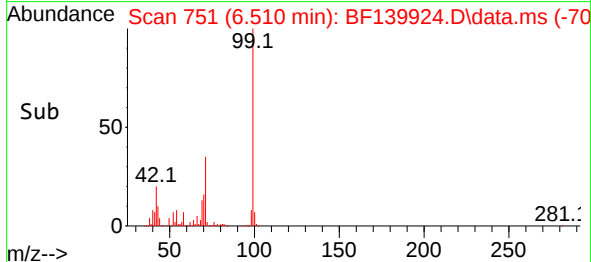
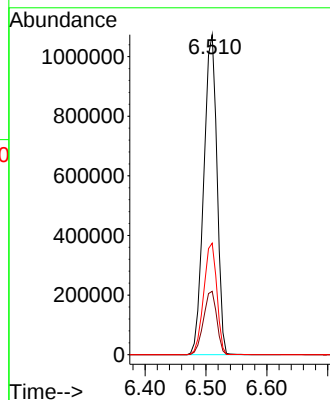
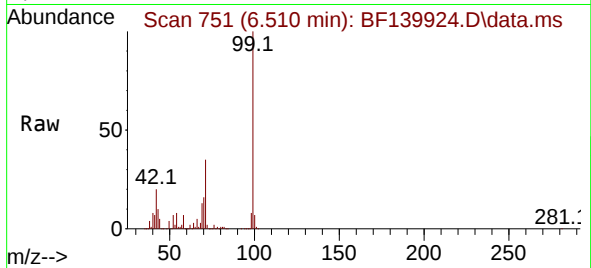




#7
Phenol-d6
Concen: 130.643 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

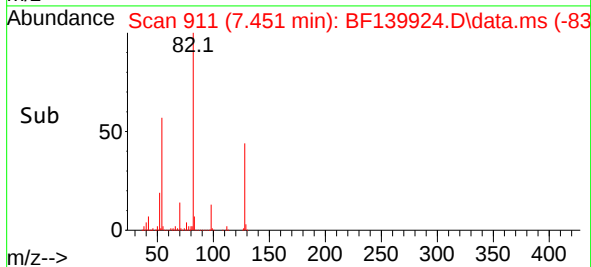
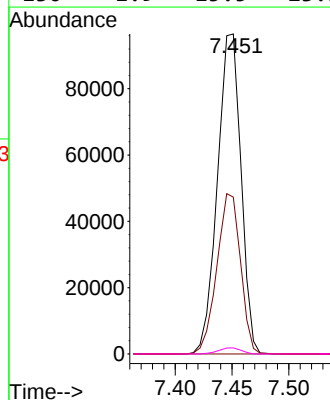
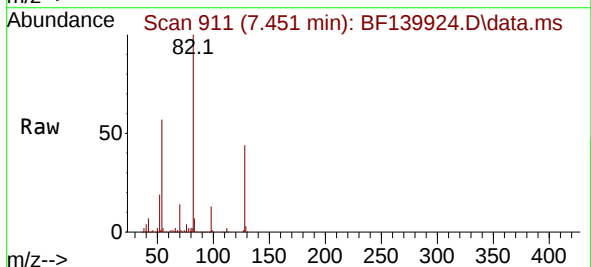
Instrument :
BNA_F
ClientSampleId :
PB164246BL

Tgt Ion: 99 Resp: 1614429
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 34.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.609 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

Tgt Ion: 70 Resp: 139470
Ion Ratio Lower Upper
70 100
42 49.0 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

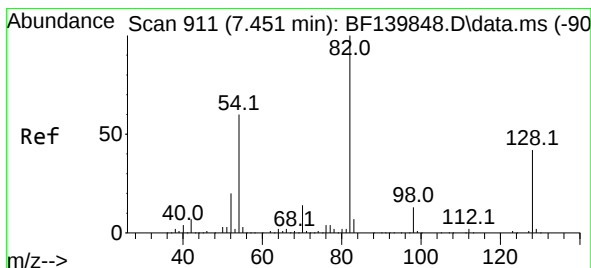
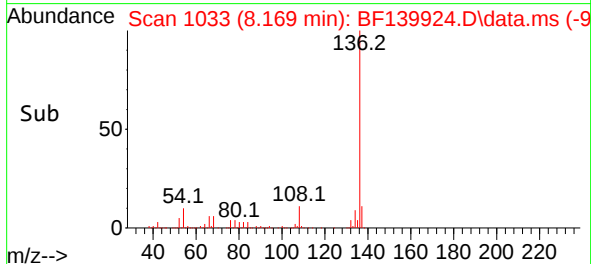
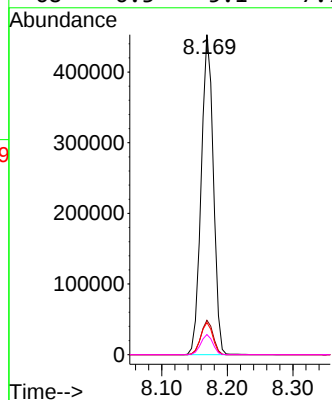
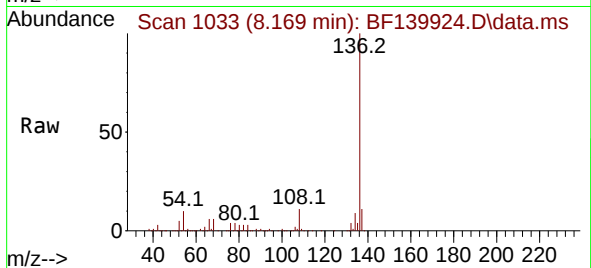
Instrument :

BNA_F

ClientSampleId :

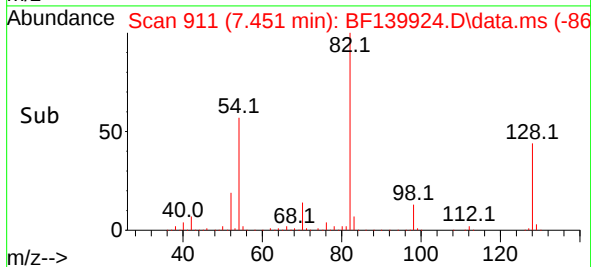
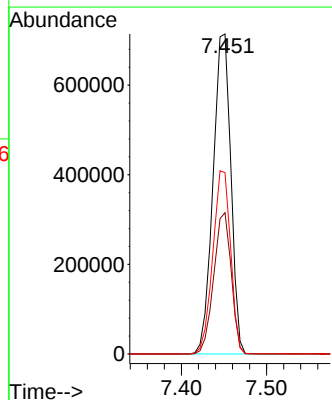
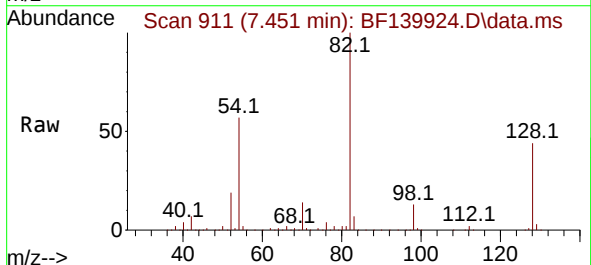
PB164246BL

Tgt Ion:136 Resp: 584470
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 8.4 12.6
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 98.223 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

Tgt Ion: 82 Resp: 1035807
Ion Ratio Lower Upper
82 100
128 44.2 33.4 50.0
54 56.6 47.8 71.8

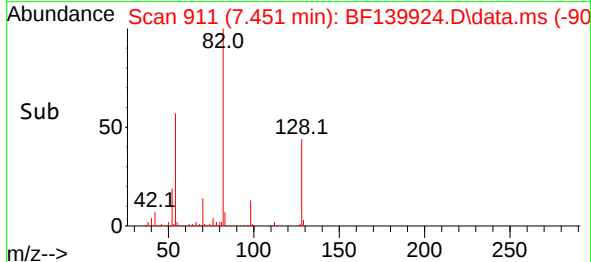
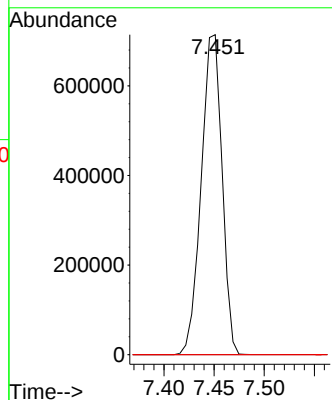
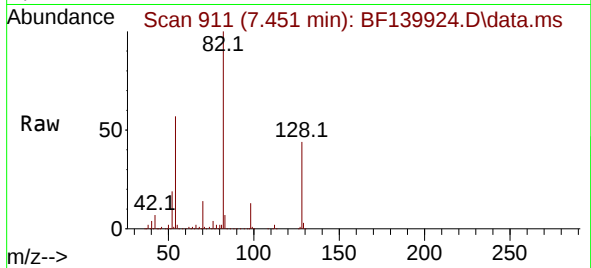




#25
Isophorone
Concen: 51.619 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

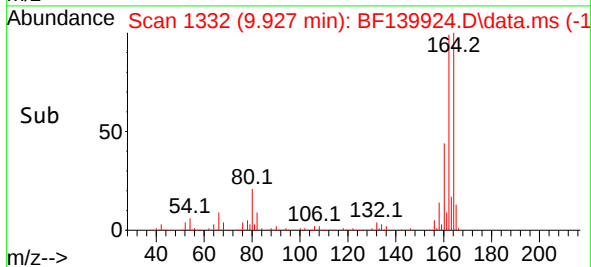
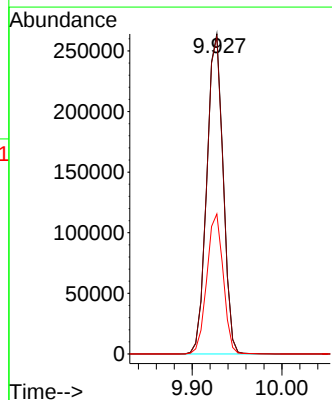
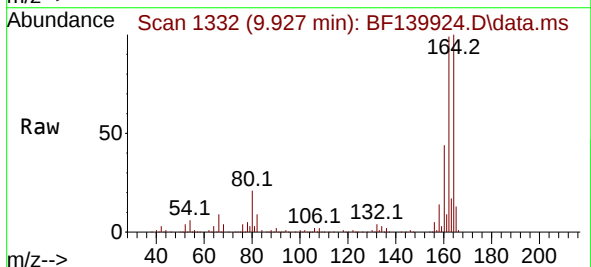
Instrument :
BNA_F
ClientSampleId :
PB164246BL

Tgt Ion: 82 Resp: 1033177
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: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

Tgt Ion:164 Resp: 333046
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 148.265 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139924.D

Acq: 22 Oct 2024 13:01

Instrument :

BNA_F

ClientSampleId :

PB164246BL

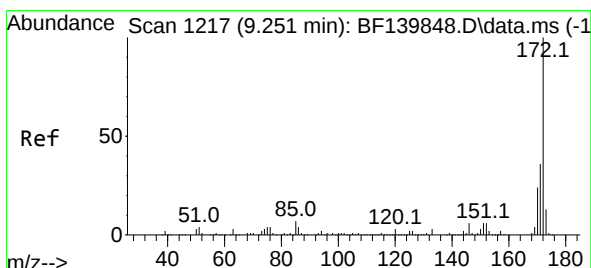
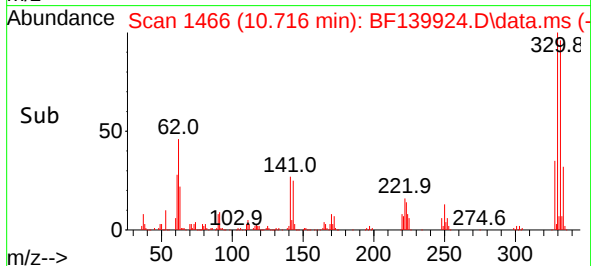
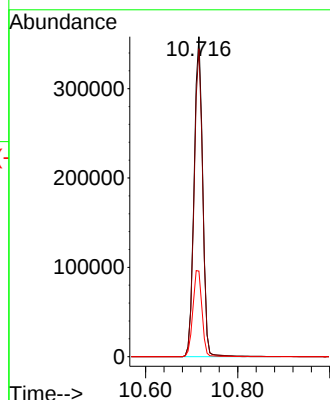
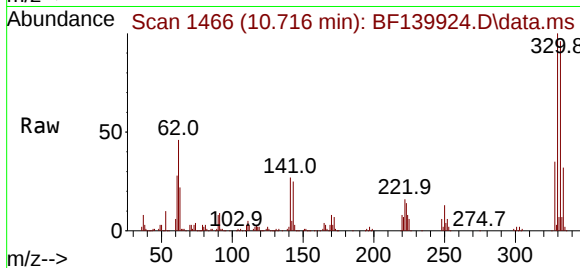
Tgt Ion:330 Resp: 461875

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

141 28.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 92.414 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139924.D

Acq: 22 Oct 2024 13:01

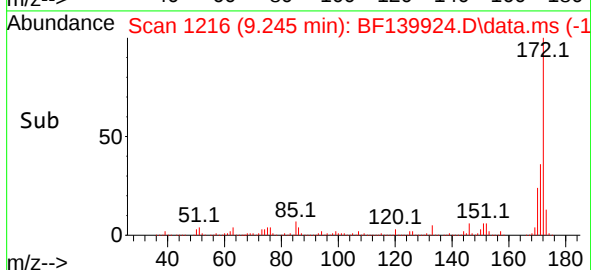
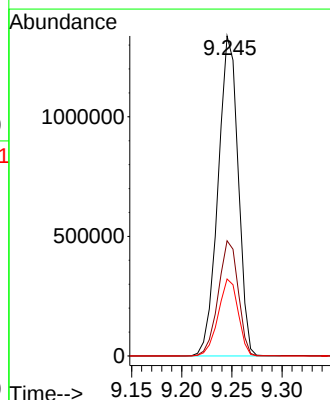
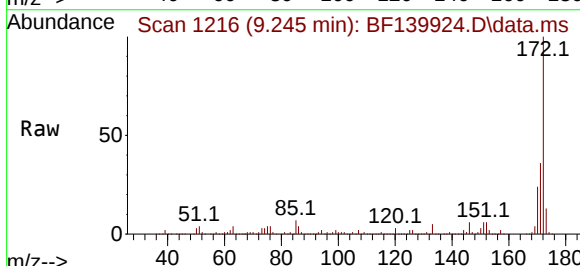
Tgt Ion:172 Resp: 1862300

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.0 19.1 28.7

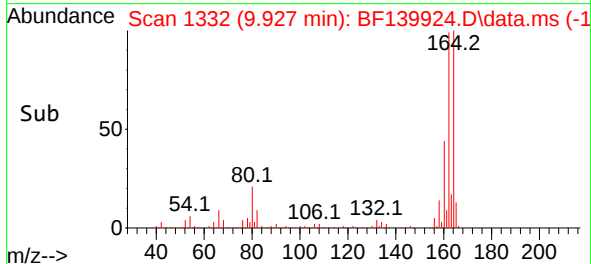
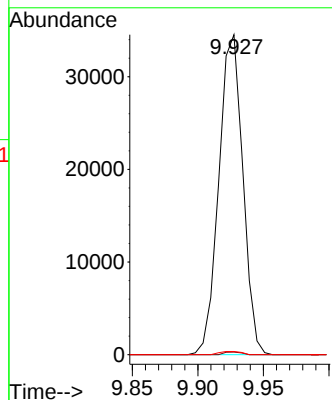
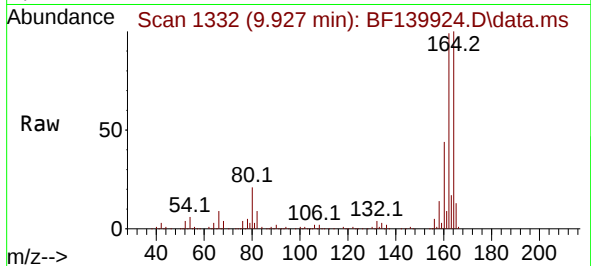




#51
2,6-Dinitrotoluene
Concen: 9.782 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

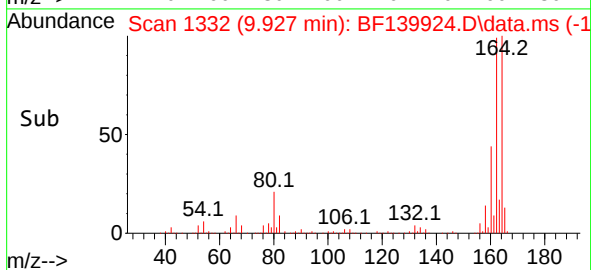
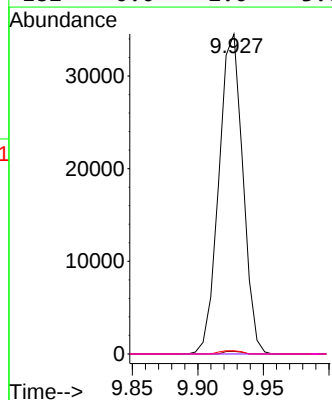
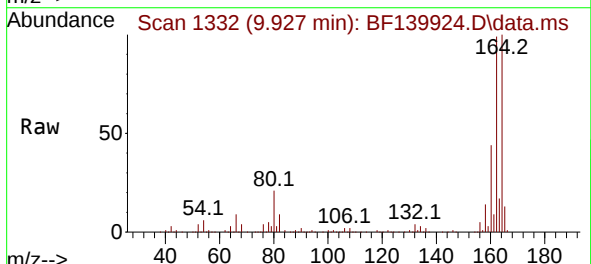
Instrument :
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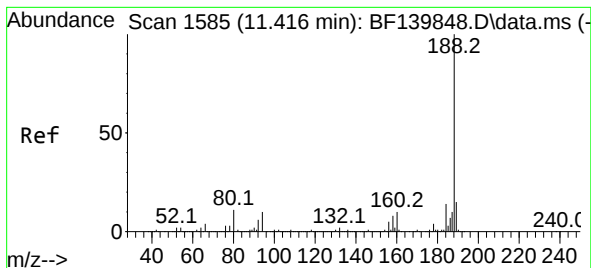
Tgt Ion:165 Resp: 43936
Ion Ratio Lower Upper
165 100
63 0.8 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.954 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139924.D
Acq: 22 Oct 2024 13:01

Tgt Ion:165 Resp: 43936
Ion Ratio Lower Upper
165 100
63 0.8 40.1 60.1#
89 1.0 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: BF139924.D

Acq: 22 Oct 2024 13:01

Instrument :

BNA_F

ClientSampleId :

PB164246BL

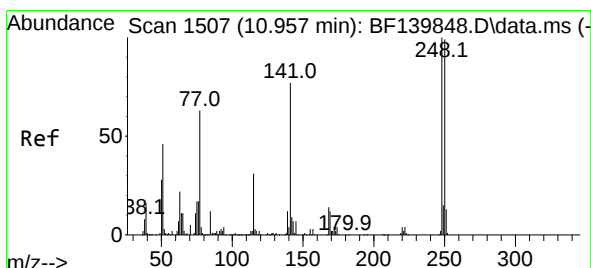
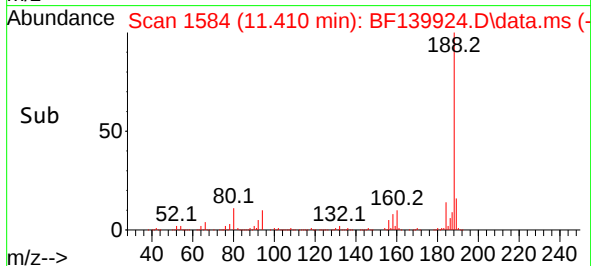
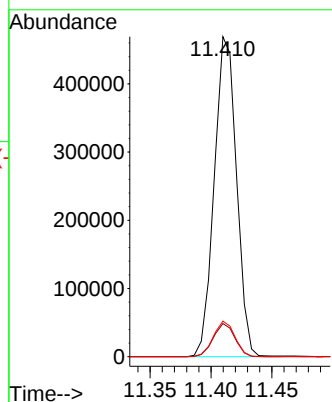
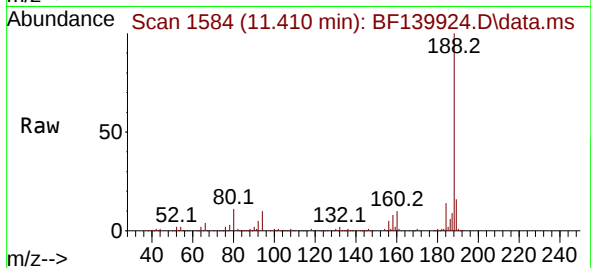
Tgt Ion:188 Resp: 597687

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.589 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139924.D

Acq: 22 Oct 2024 13:01

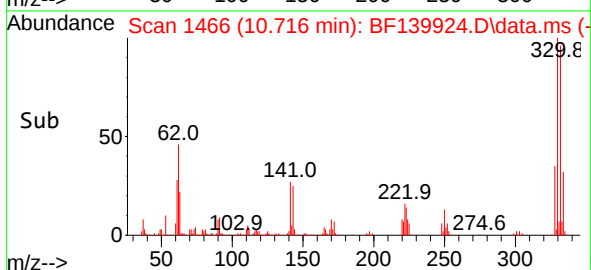
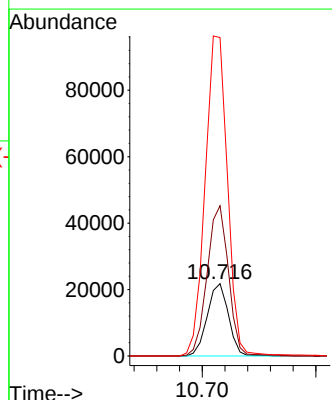
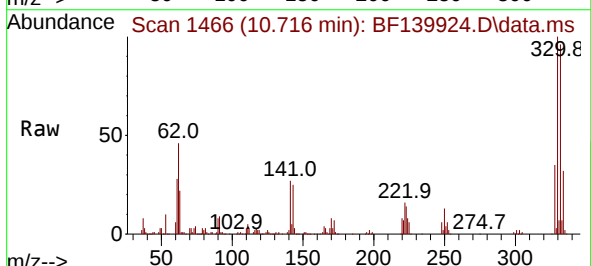
Tgt Ion:248 Resp: 28254

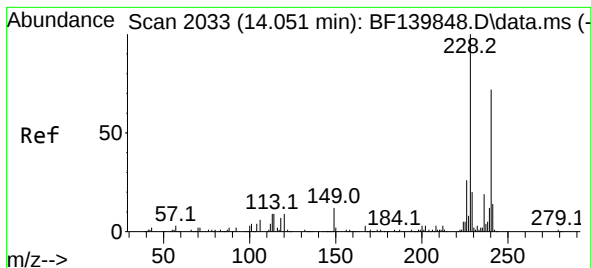
Ion Ratio Lower Upper

248 100

250 207.8 79.0 118.6#

141 440.4 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: BF139924.D

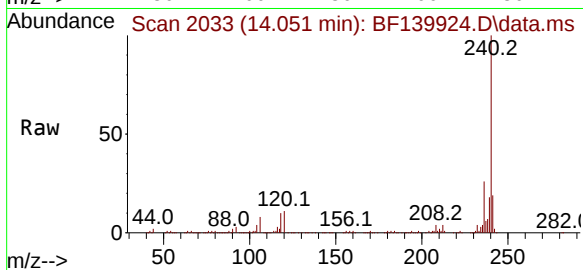
Acq: 22 Oct 2024 13:01

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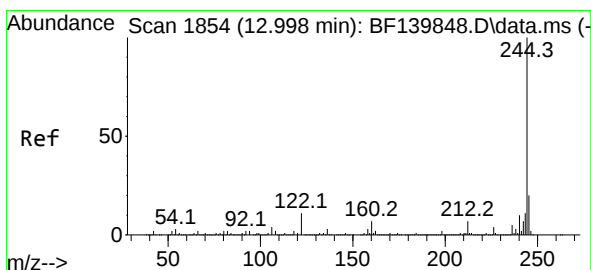
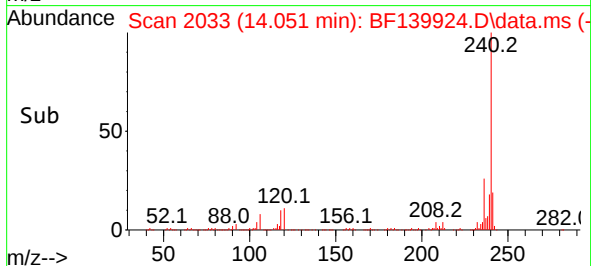
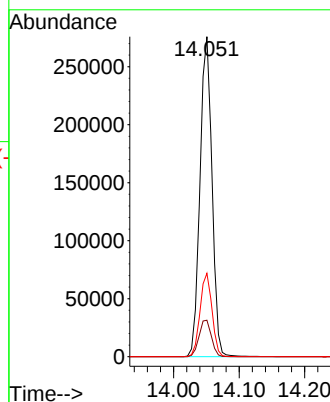
Tgt Ion:240 Resp: 352121

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 96.793 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139924.D

Acq: 22 Oct 2024 13:01

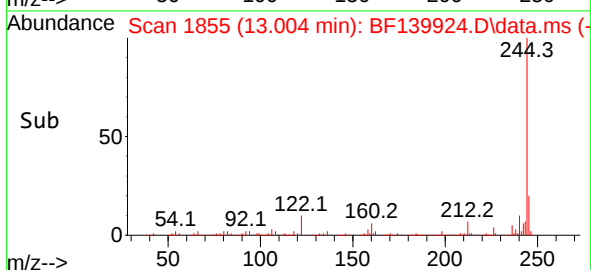
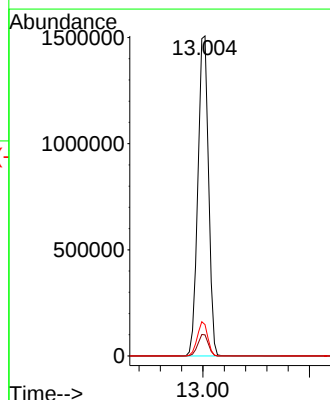
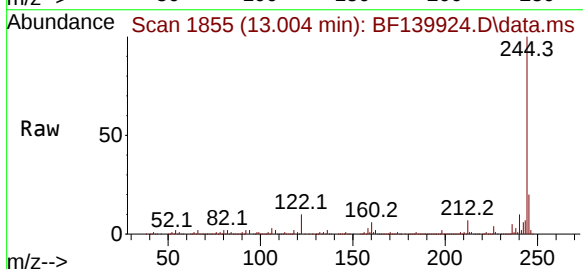
Tgt Ion:244 Resp: 2091647

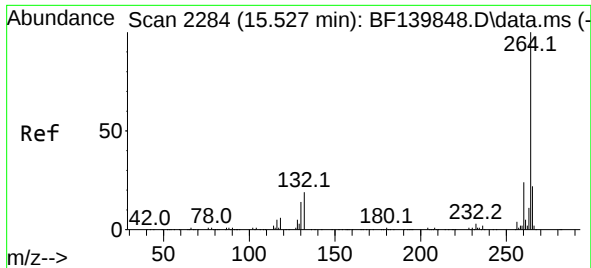
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

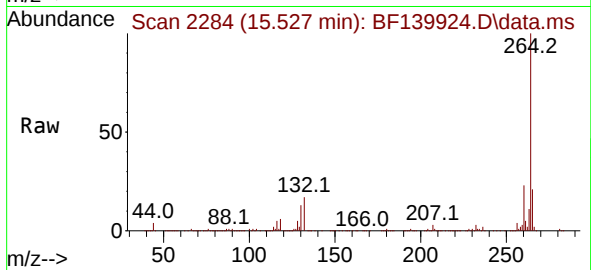
122 9.8 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139924.D
 Acq: 22 Oct 2024 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB164246BL



Tgt Ion:264 Resp: 296042
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.0 17.4 26.0

