

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139893.D
 Acq On : 21 Oct 2024 10:25
 Operator : RC/JU
 Sample : PB164123BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164123BL

Quant Time: Oct 21 11:07:33 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)

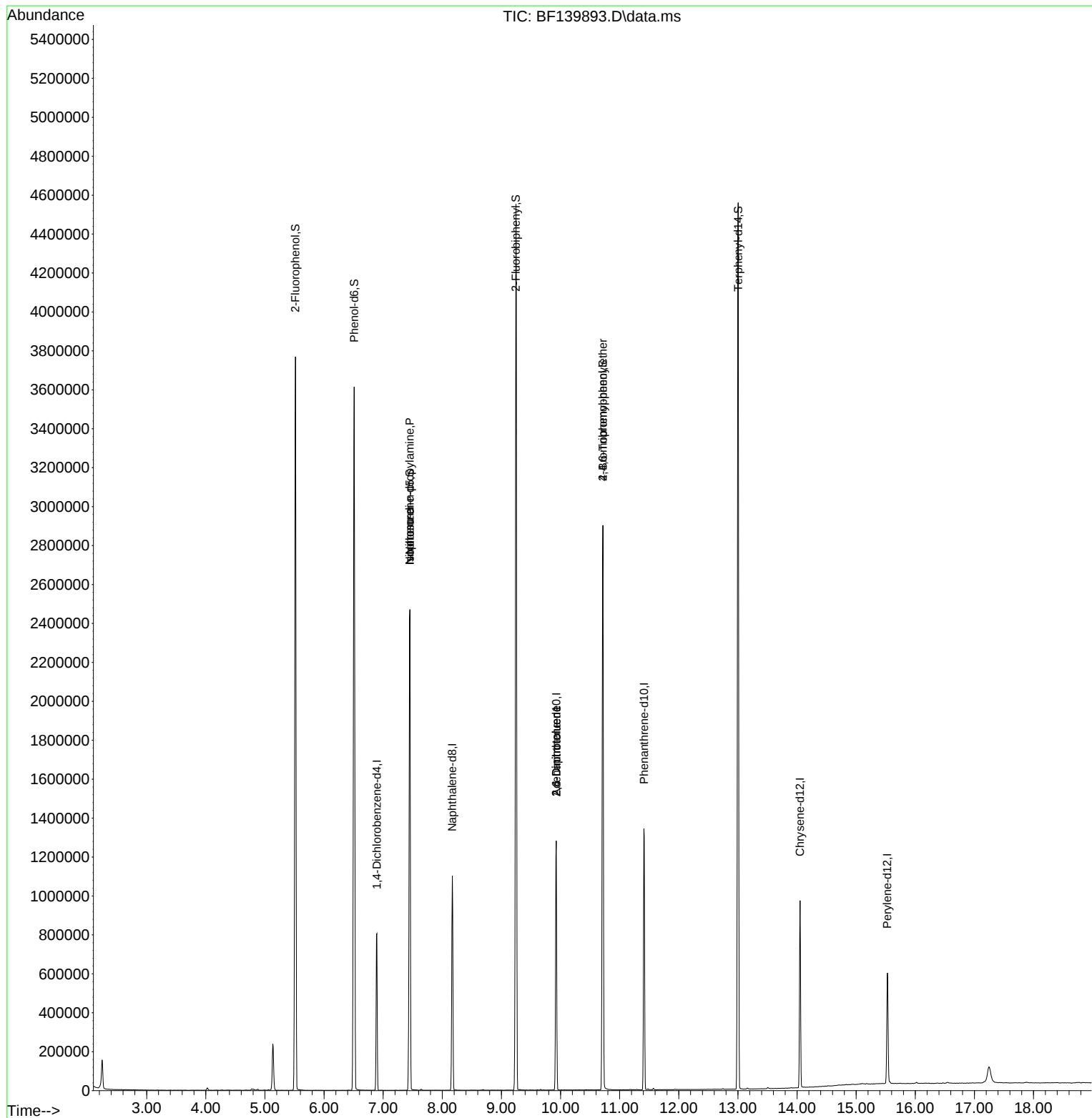
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	167950	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	682521	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	387913	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	717487	20.000	ng	0.00
76) Chrysene-d12	14.051	240	434664	20.000	ng	0.00
86) Perylene-d12	15.527	264	327943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1477979	137.765	ng	0.02
7) Phenol-d6	6.510	99	1885243	135.679	ng	0.00
23) Nitrobenzene-d5	7.451	82	1193449	96.913	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	526130	145.003	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2140061	91.177	ng	0.00
79) Terphenyl-d14	13.004	244	2411993	90.421	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	160299	19.022	ng	# 78
25) Isophorone	7.451	82	1191210	50.965	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	49588	9.479	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	49588	7.708	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	33718	4.562	ng	# 1

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

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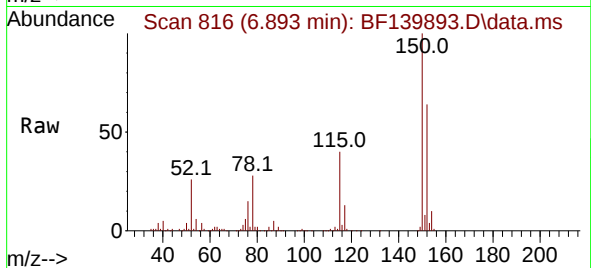
Quant Time: Oct 21 11:07:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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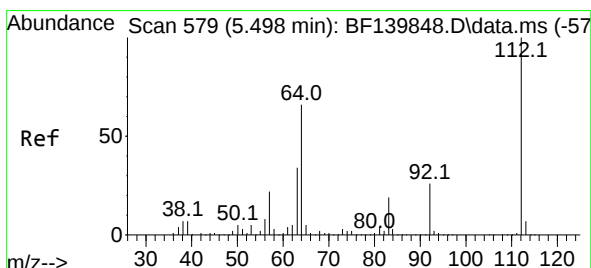
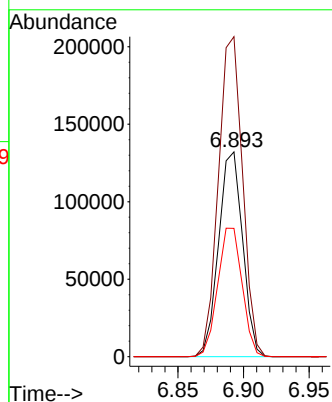
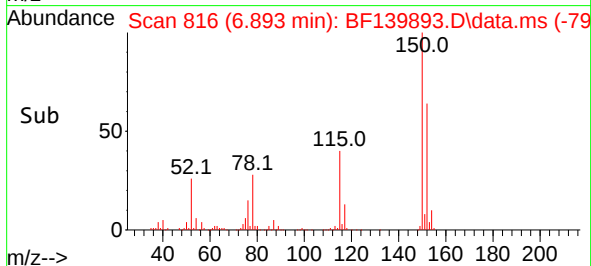


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

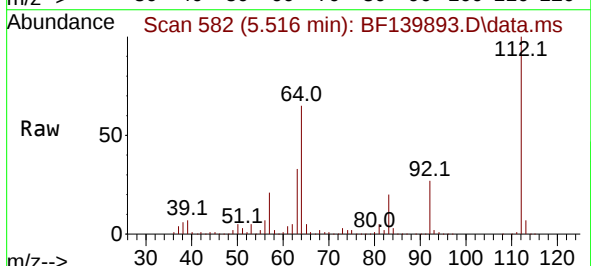
Instrument :
BNA_F
ClientSampleId :
PB164123BL



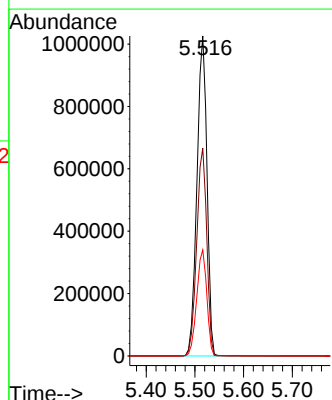
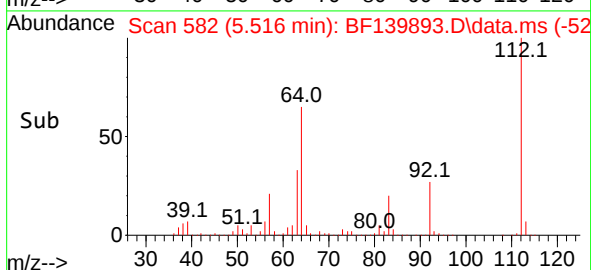
Tgt Ion:152 Resp: 167950
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 62.7 51.4 77.2

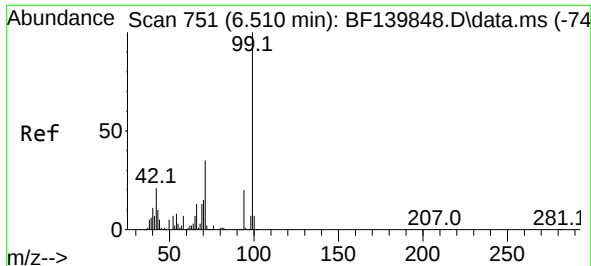


#5
2-Fluorophenol
Concen: 137.765 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25



Tgt Ion:112 Resp: 1477979
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.2 27.0 40.4

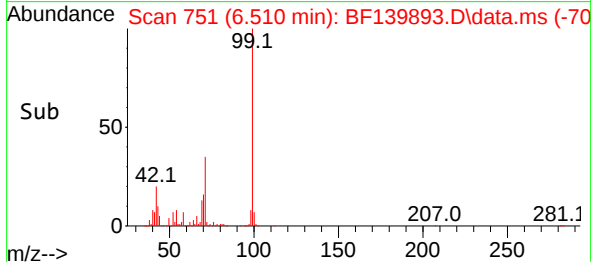
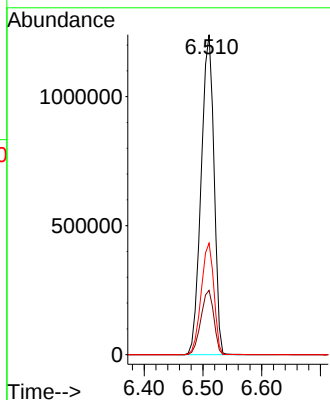
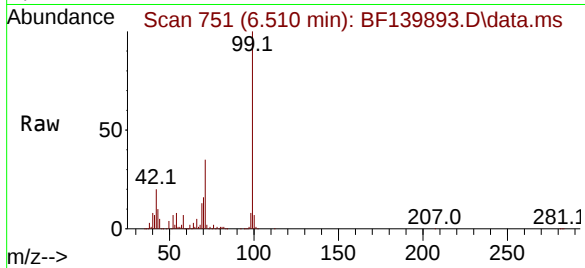




#7
Phenol-d6
Concen: 135.679 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

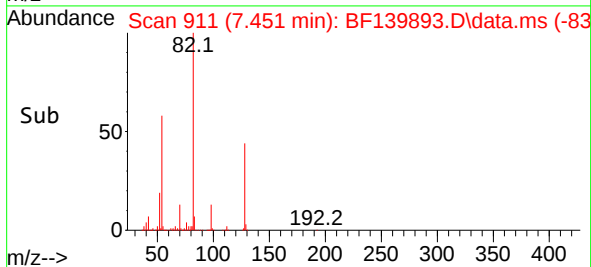
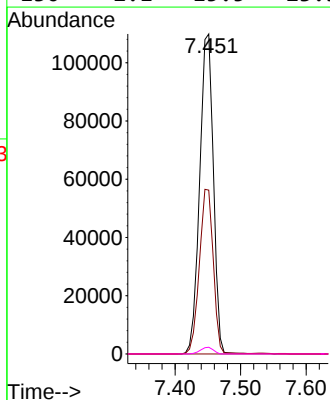
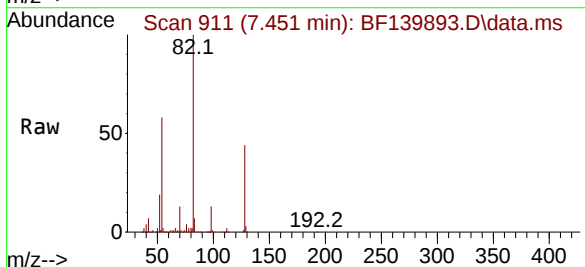
Instrument :
BNA_F
ClientSampleId :
PB164123BL

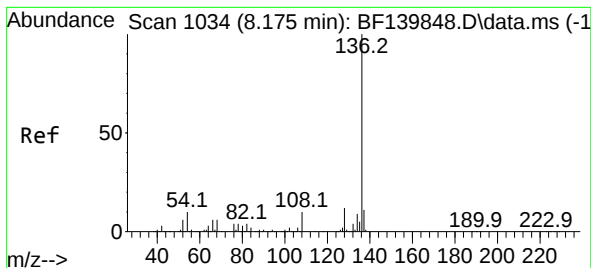
Tgt Ion: 99 Resp: 1885243
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 34.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.022 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

Tgt Ion: 70 Resp: 160299
Ion Ratio Lower Upper
70 100
42 51.2 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# 1033

Delta R.T. -0.006 min

Lab File: BF139893.D

Acq: 21 Oct 2024 10:25

Instrument :

BNA_F

ClientSampleId :

PB164123BL

Tgt Ion:136 Resp: 682521

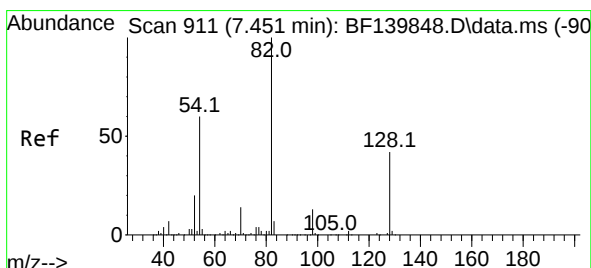
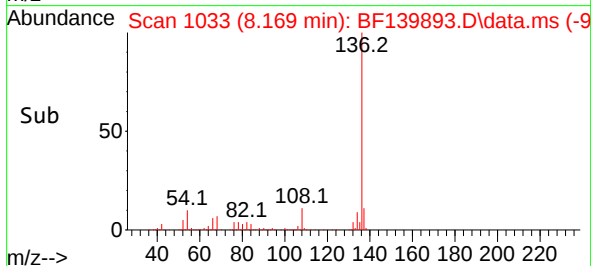
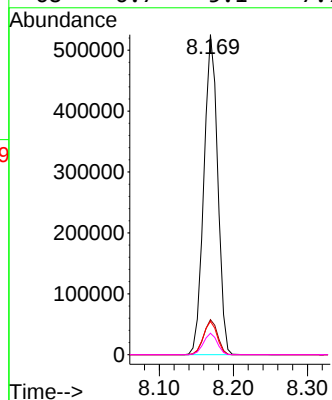
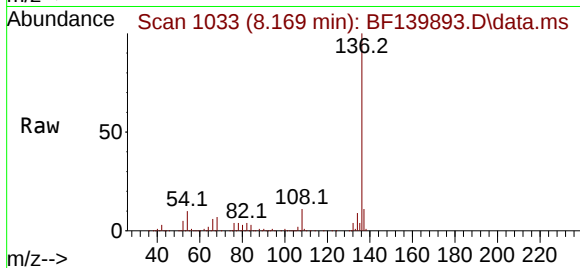
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 10.4 8.4 12.6

68 6.7 5.1 7.7



#23

Nitrobenzene-d5

Concen: 96.913 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139893.D

Acq: 21 Oct 2024 10:25

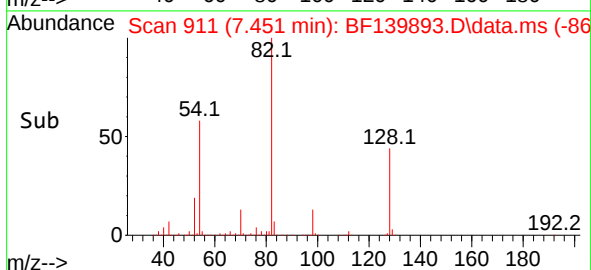
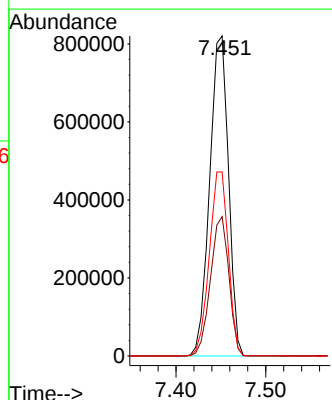
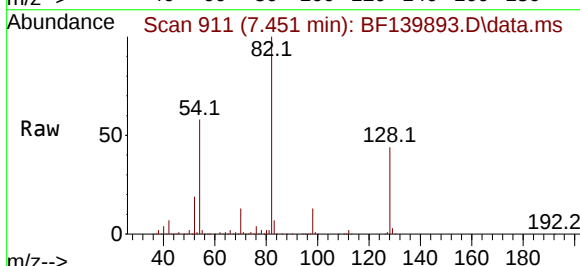
Tgt Ion: 82 Resp: 1193449

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.0

54 57.5 47.8 71.8

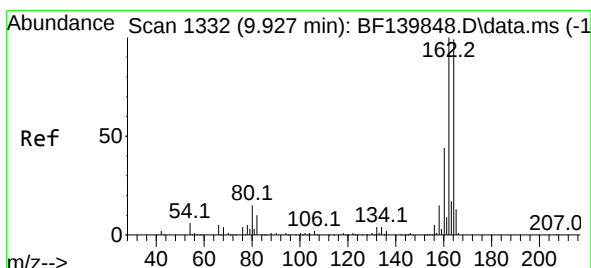
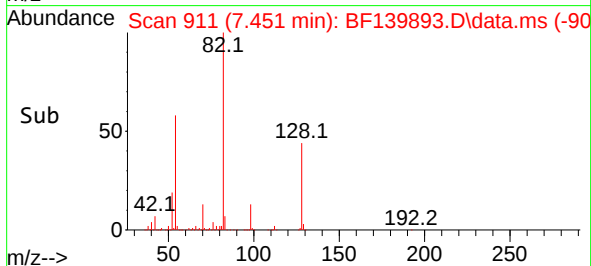
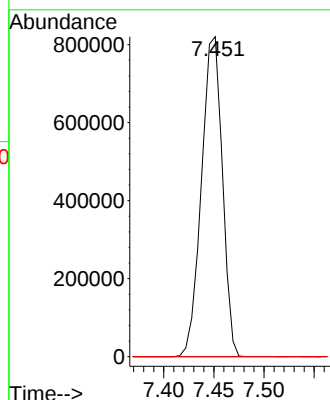
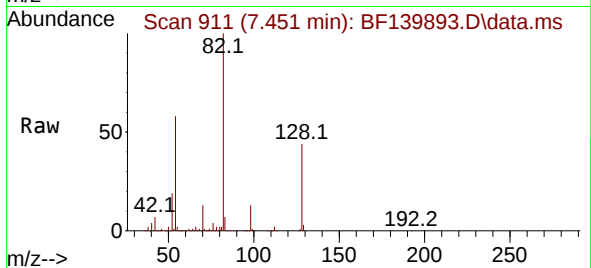




#25
Isophorone
Concen: 50.965 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

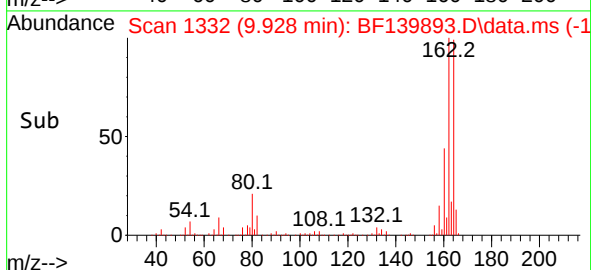
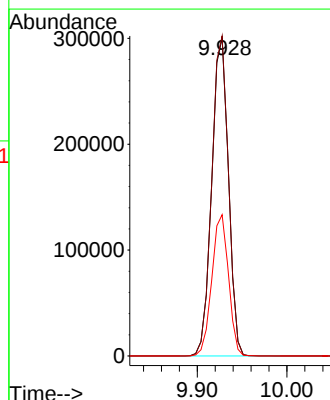
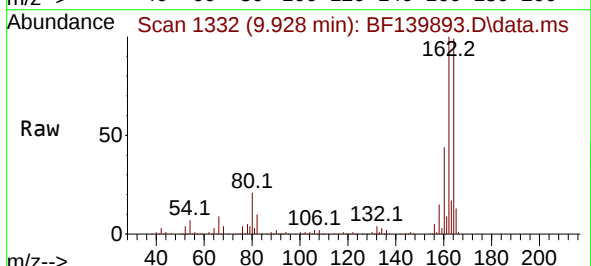
Instrument :
BNA_F
ClientSampleId :
PB164123BL

Tgt Ion: 82 Resp: 1191210
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: BF139893.D
Acq: 21 Oct 2024 10:25

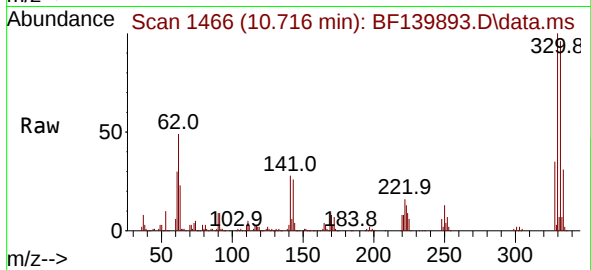
Tgt Ion:164 Resp: 387913
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.4 35.4 53.0



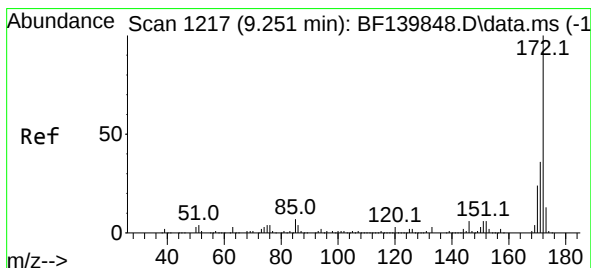
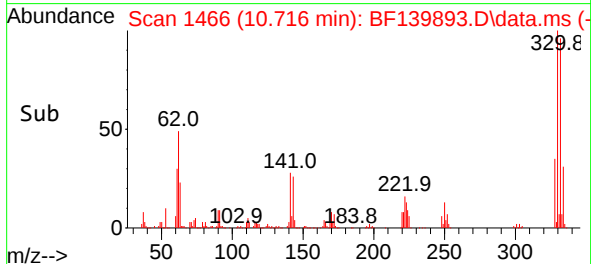
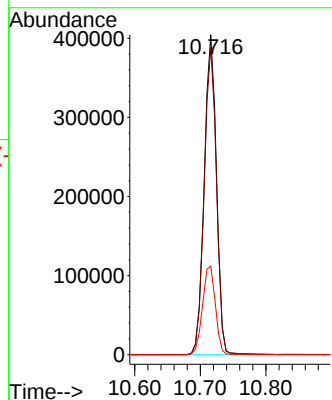


#42
2,4,6-Tribromophenol
Concen: 145.003 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

Instrument :
BNA_F
ClientSampleId :
PB164123BL

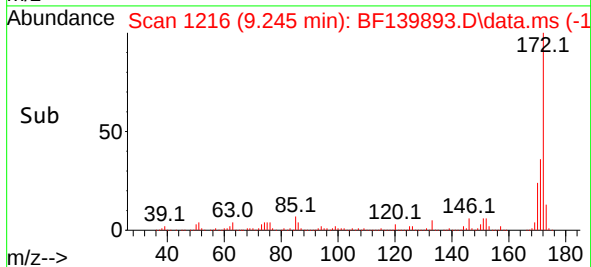
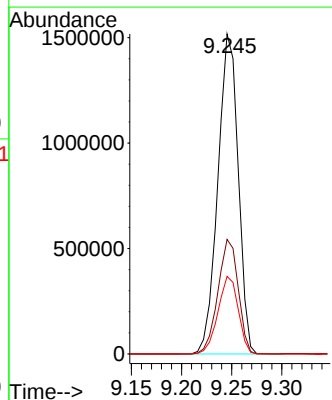
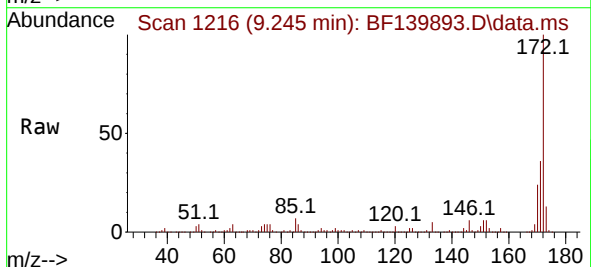


Tgt Ion:330 Resp: 526130
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 29.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 91.177 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

Tgt Ion:172 Resp: 2140061
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.2 19.1 28.7

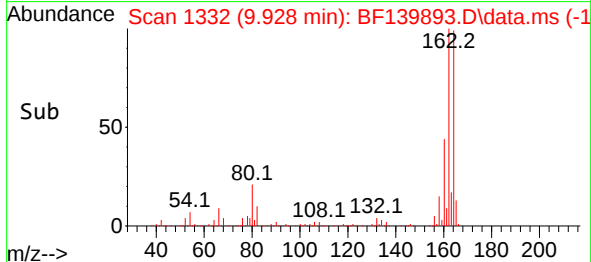
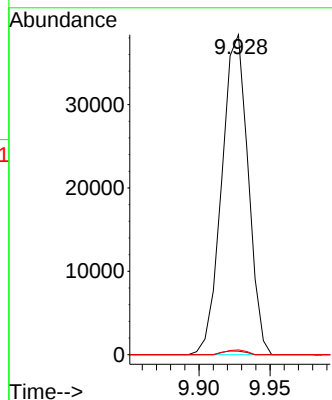
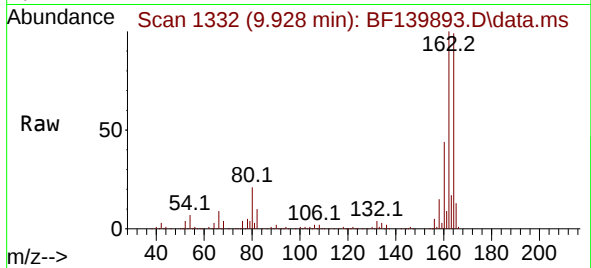




#51
2,6-Dinitrotoluene
Concen: 9.479 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

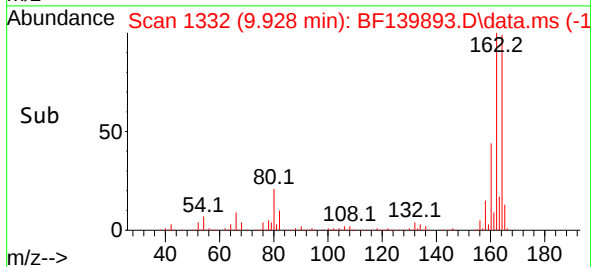
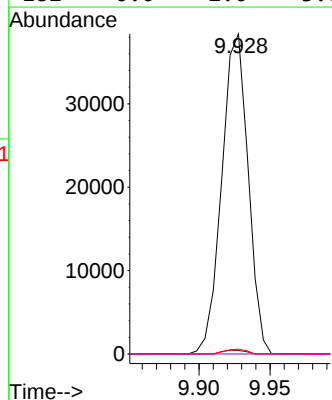
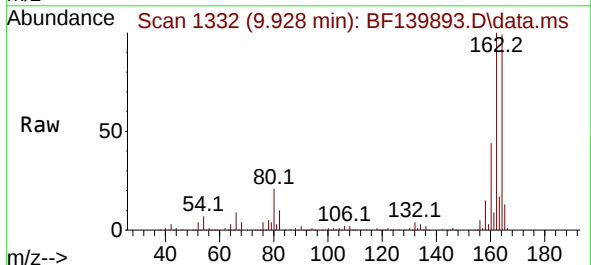
Instrument :
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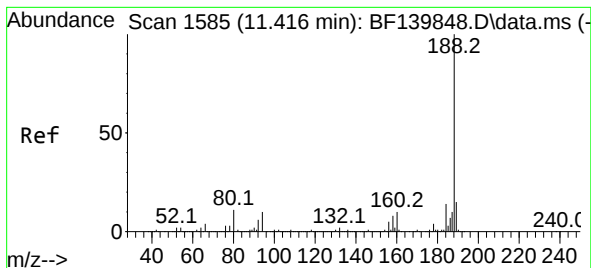
Tgt Ion:165 Resp: 49588
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.5 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.708 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

Tgt Ion:165 Resp: 49588
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.5 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: BF139893.D

Acq: 21 Oct 2024 10:25

Instrument :

BNA_F

ClientSampleId :

PB164123BL

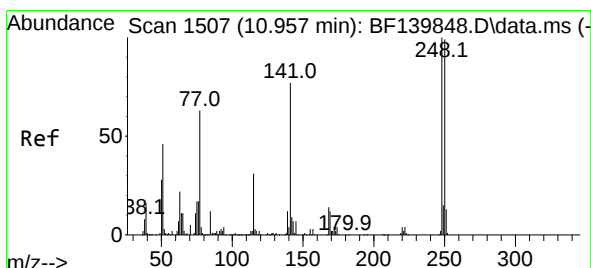
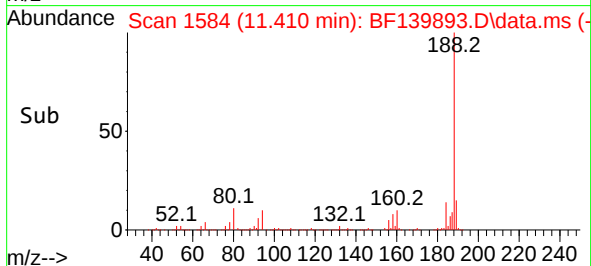
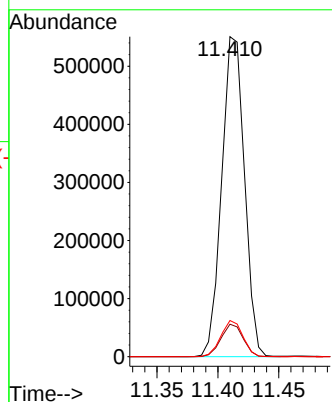
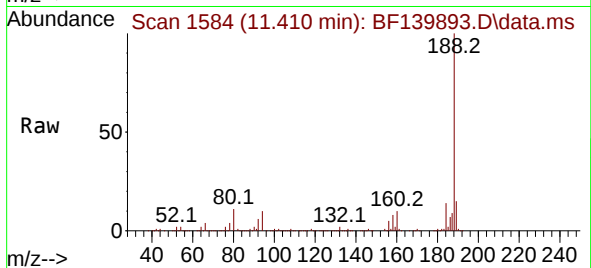
Tgt Ion:188 Resp: 717487

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.562 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139893.D

Acq: 21 Oct 2024 10:25

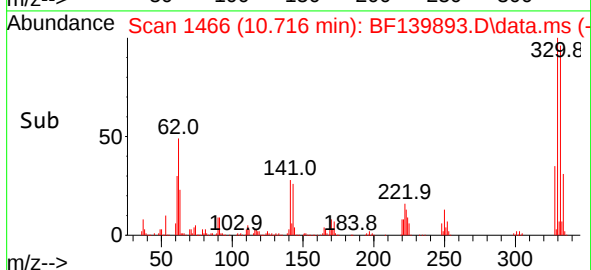
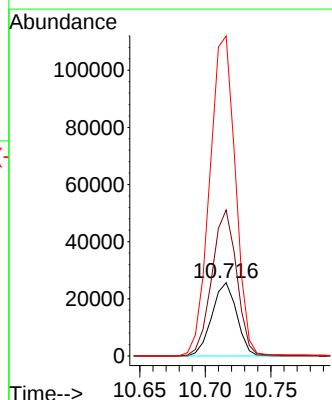
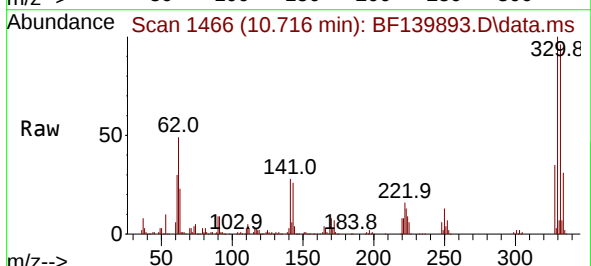
Tgt Ion:248 Resp: 33718

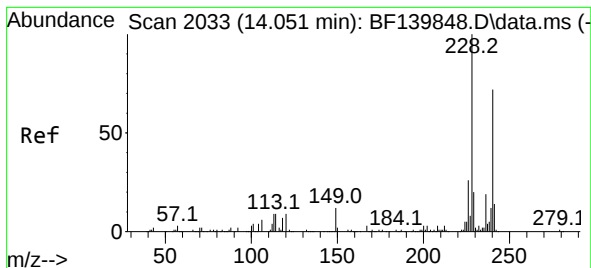
Ion Ratio Lower Upper

248 100

250 199.2 79.0 118.6#

141 436.7 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: BF139893.D

Acq: 21 Oct 2024 10:25

Instrument :

BNA_F

ClientSampleId :

PB164123BL

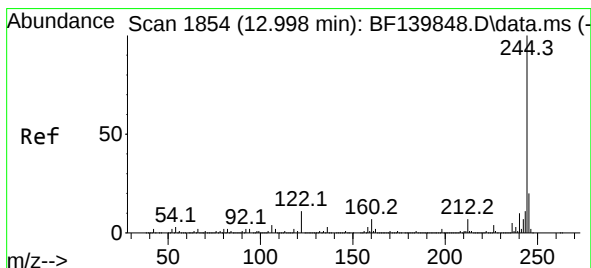
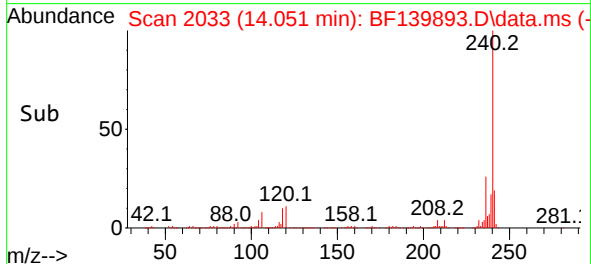
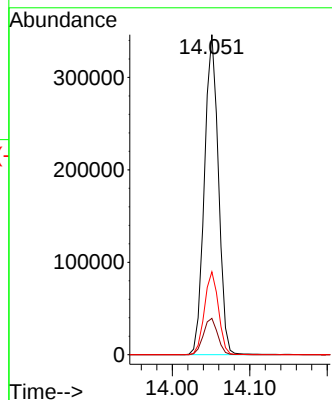
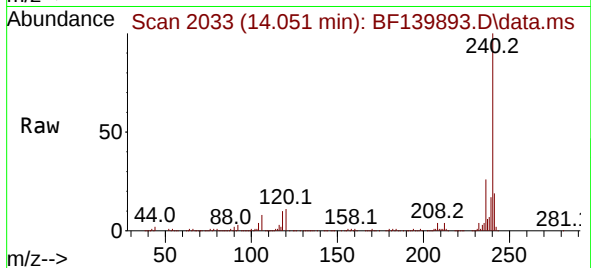
Tgt Ion:240 Resp: 434664

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 90.421 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139893.D

Acq: 21 Oct 2024 10:25

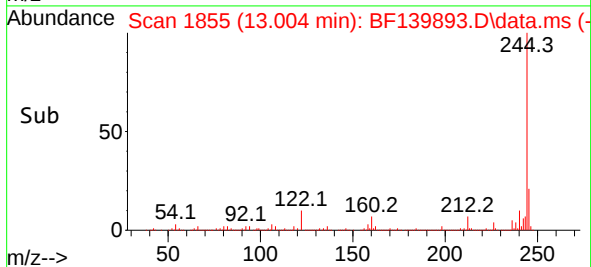
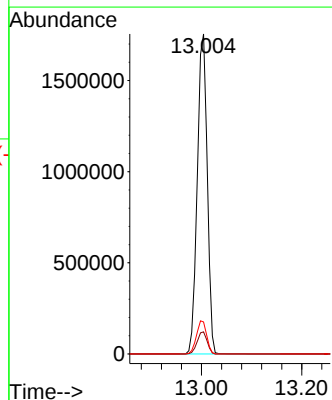
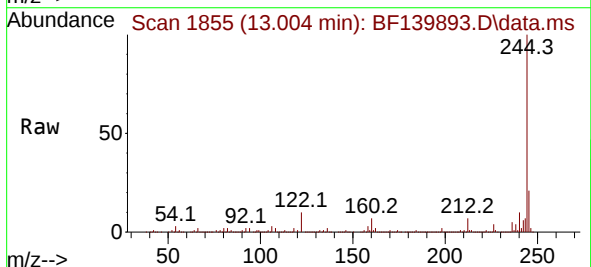
Tgt Ion:244 Resp: 2411993

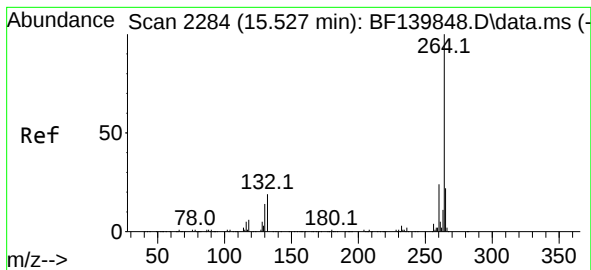
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.0 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: BF139893.D

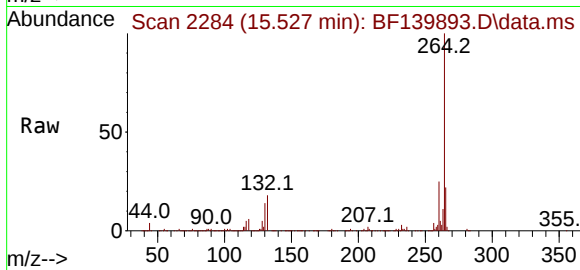
Acq: 21 Oct 2024 10:25

Instrument :

BNA_F

ClientSampleId :

PB164123BL



Tgt Ion:264 Resp: 327943

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.0 17.4 26.0

