

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139918.D
 Acq On : 22 Oct 2024 10:07
 Operator : RC/JU
 Sample : PB164152BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164152BL

Quant Time: Oct 22 11:03:00 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)

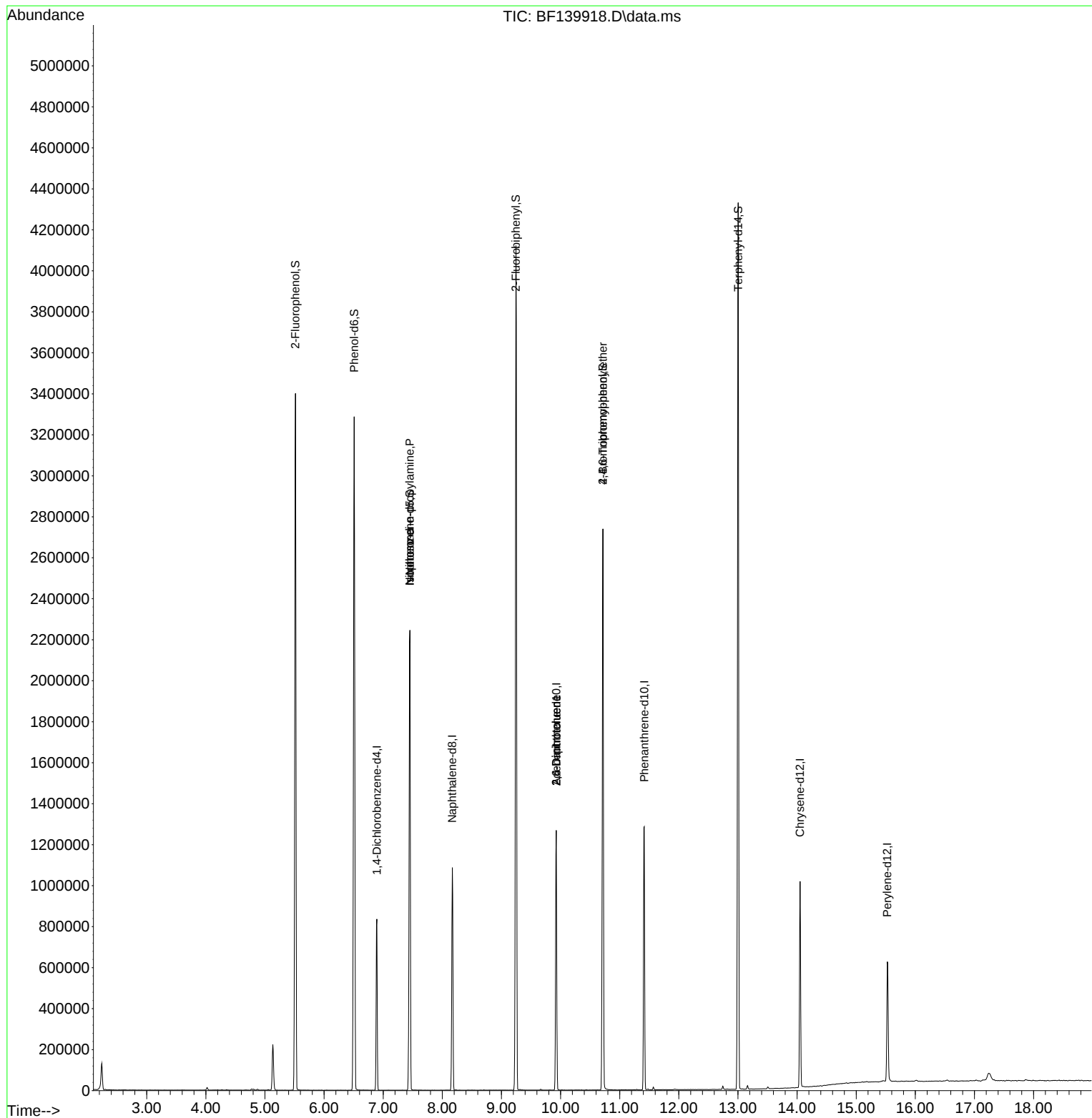
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	172111	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	677974	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	382757	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	694413	20.000	ng	0.00
76) Chrysene-d12	14.051	240	463918	20.000	ng	0.00
86) Perylene-d12	15.527	264	350902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1329279	120.909	ng	0.02
7) Phenol-d6	6.510	99	1676066	117.709	ng	0.00
23) Nitrobenzene-d5	7.451	82	1085811	88.764	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	497190	138.873	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1952459	84.305	ng	0.00
79) Terphenyl-d14	13.004	244	2231486	78.379	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	148345	17.178	ng	# 77
25) Isophorone	7.451	82	1083737	46.678	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	48686	9.431	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	48686	7.670	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	31552	4.411	ng	# 1

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

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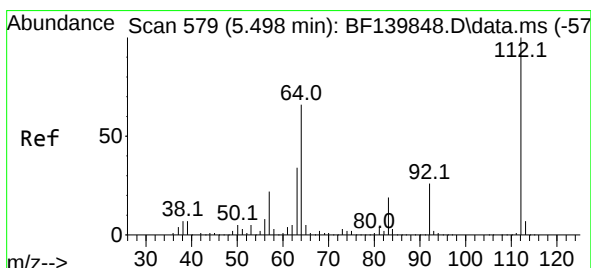
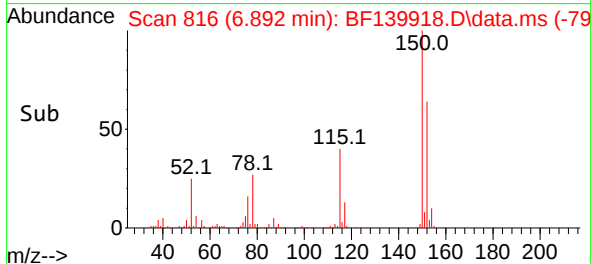
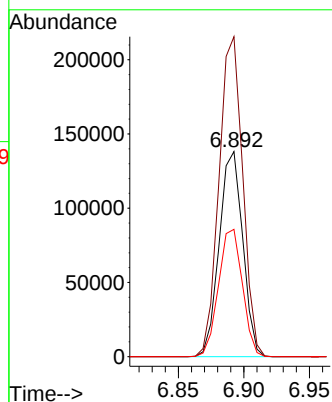
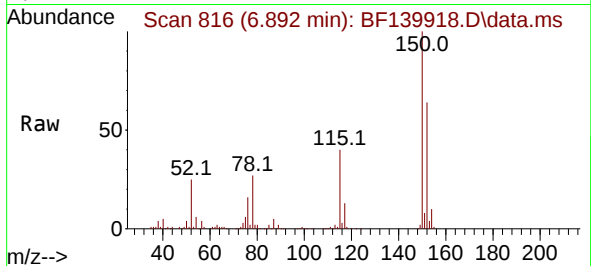




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

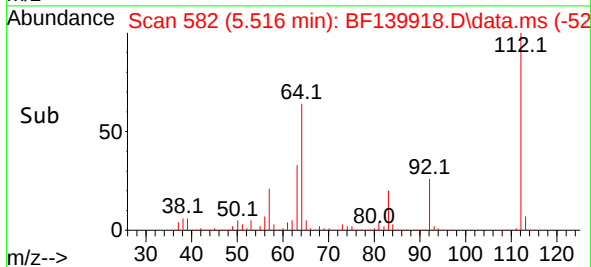
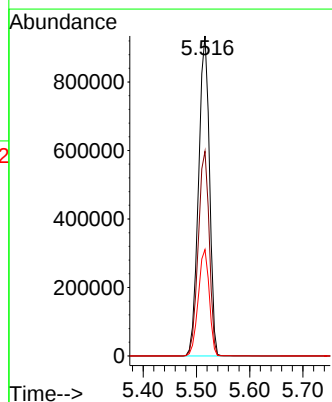
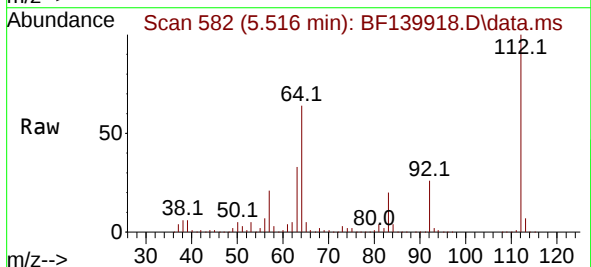
Instrument :
BNA_F
ClientSampleId :
PB164152BL

Tgt Ion:152 Resp: 172111
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 62.1 51.4 77.2



#5
2-Fluorophenol
Concen: 120.909 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

Tgt Ion:112 Resp: 1329279
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 33.2 27.0 40.4

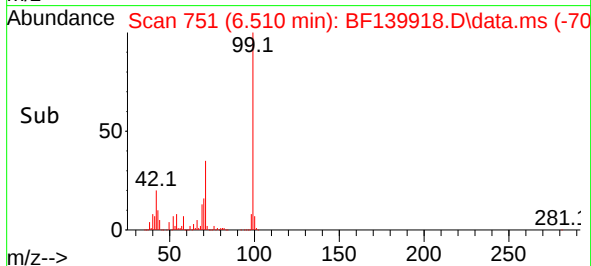
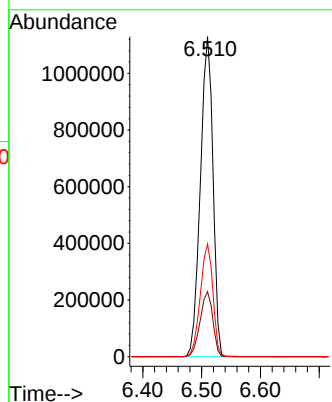
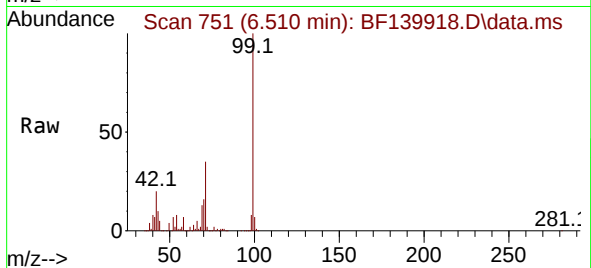




#7
Phenol-d6
Concen: 117.709 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

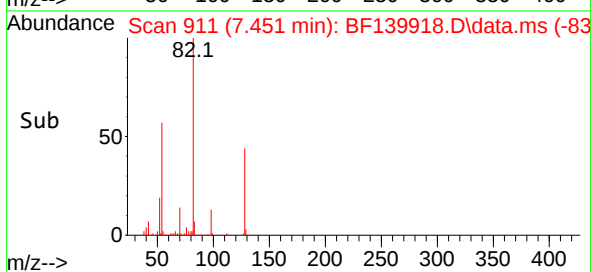
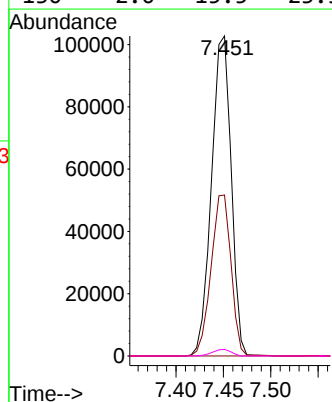
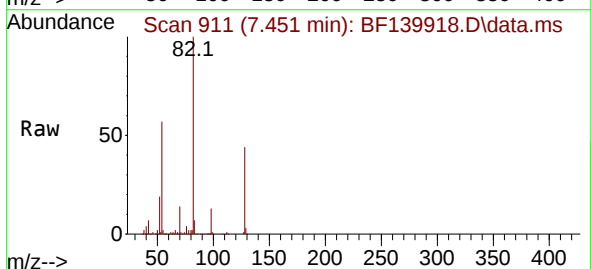
Instrument :
BNA_F
ClientSampleId :
PB164152BL

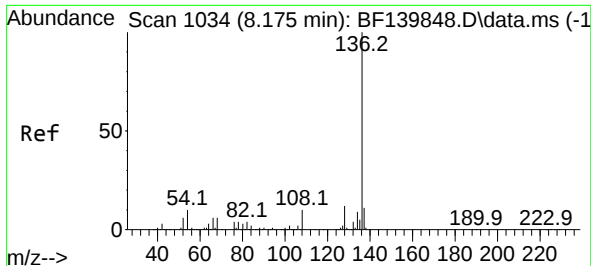
Tgt Ion: 99 Resp: 1676066
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 35.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.178 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

Tgt Ion: 70 Resp: 148345
Ion Ratio Lower Upper
70 100
42 50.3 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: BF139918.D
Acq: 22 Oct 2024 10:07

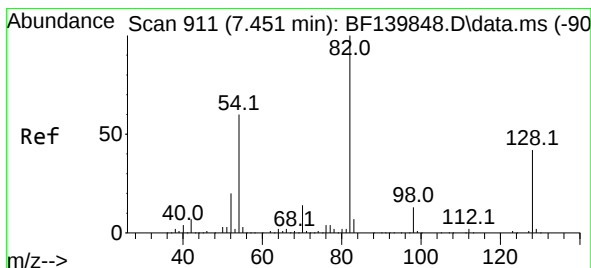
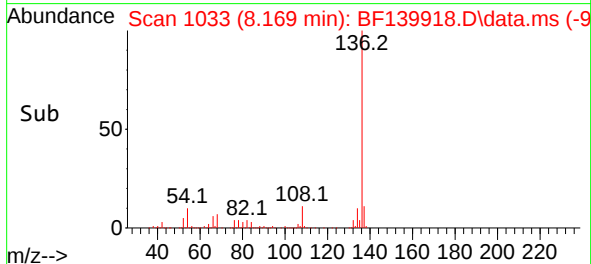
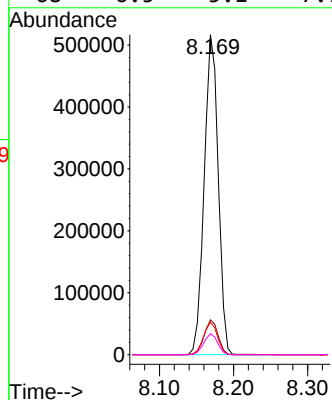
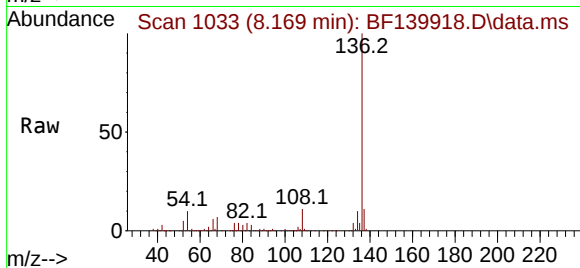
Instrument :

BNA_F

ClientSampleId :

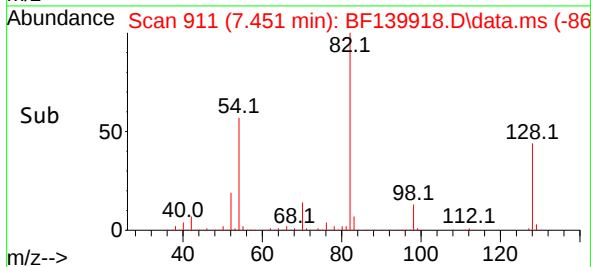
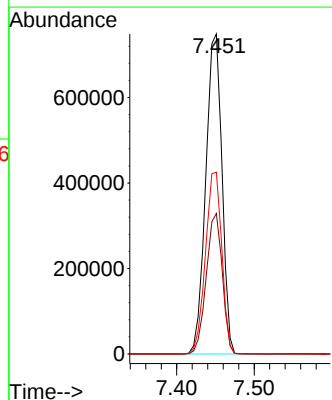
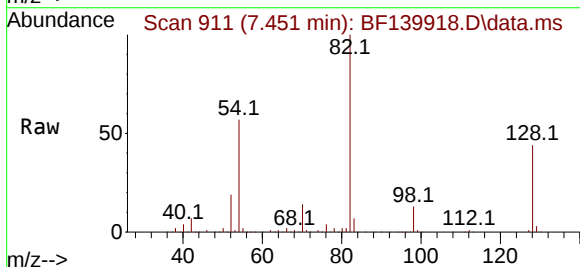
PB164152BL

Tgt Ion:136 Resp: 677974
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.2 8.4 12.6
68 6.5 5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.764 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

Tgt Ion: 82 Resp: 1085811
Ion Ratio Lower Upper
82 100
128 43.9 33.4 50.0
54 56.8 47.8 71.8

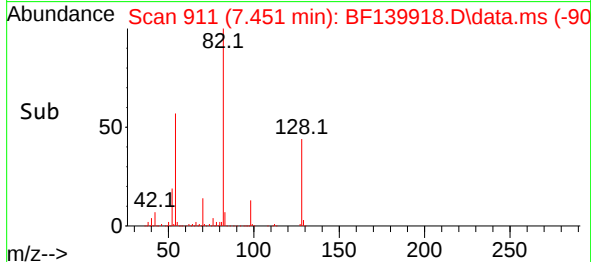
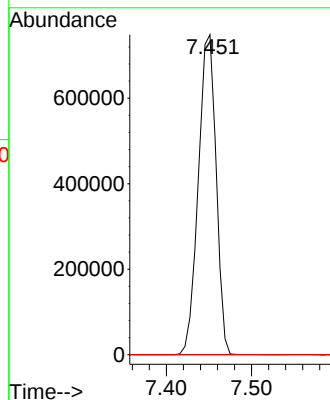
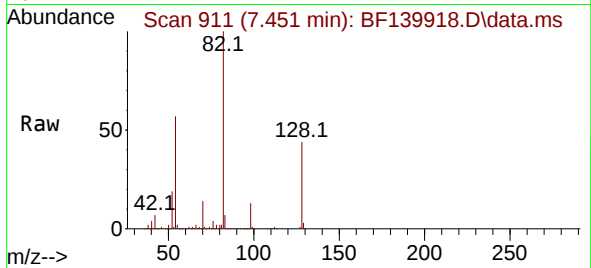




#25
Isophorone
Concen: 46.678 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

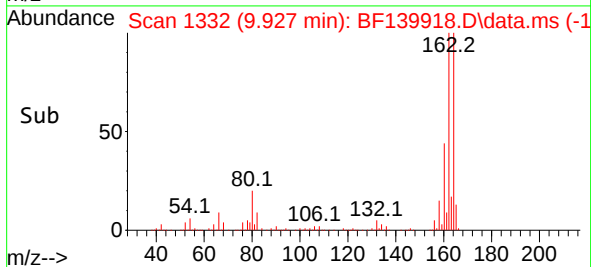
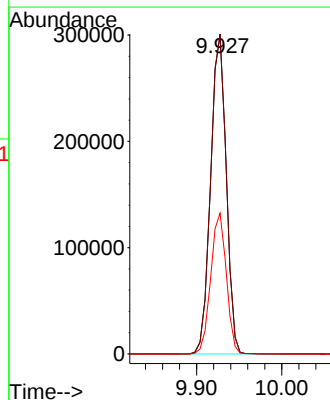
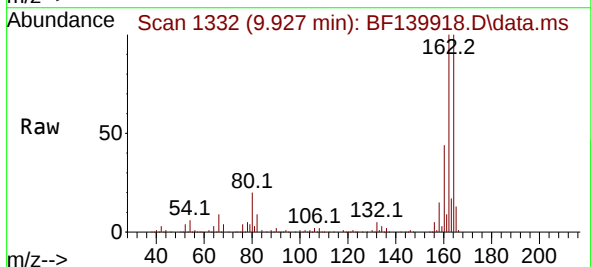
Instrument :
BNA_F
ClientSampleId :
PB164152BL

Tgt Ion: 82 Resp: 1083737
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: BF139918.D
Acq: 22 Oct 2024 10:07

Tgt Ion: 164 Resp: 382757
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 138.873 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139918.D

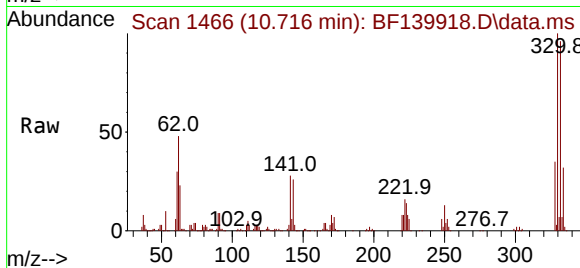
Acq: 22 Oct 2024 10:07

Instrument :

BNA_F

ClientSampleId :

PB164152BL



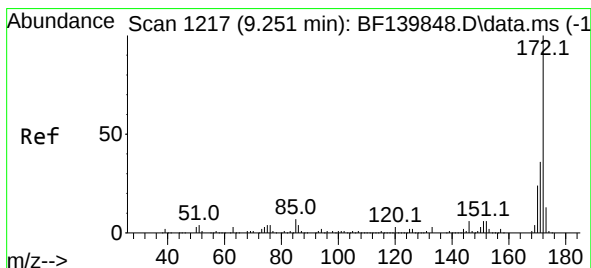
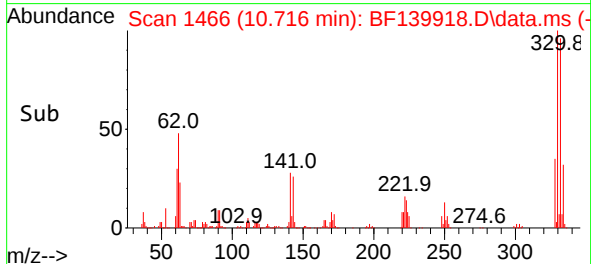
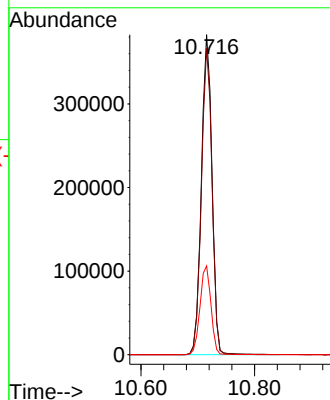
Tgt Ion:330 Resp: 497190

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 28.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 84.305 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139918.D

Acq: 22 Oct 2024 10:07

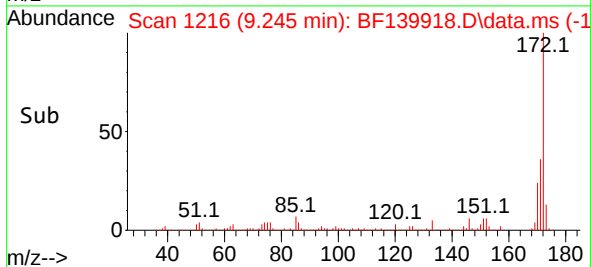
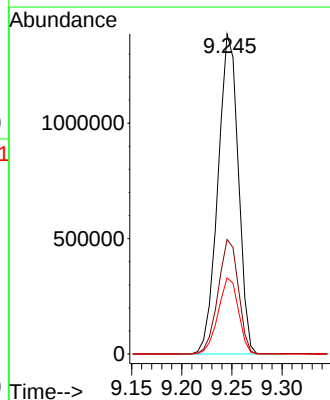
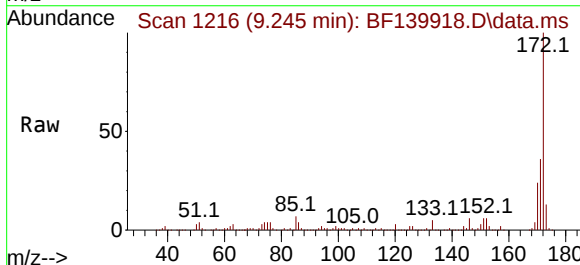
Tgt Ion:172 Resp: 1952459

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.7 19.1 28.7

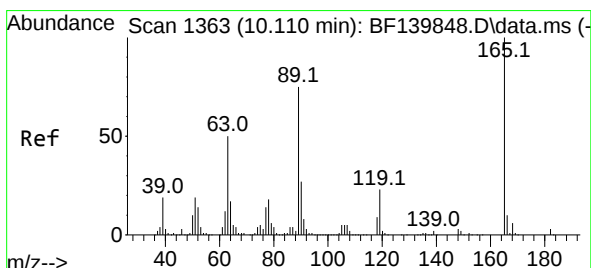
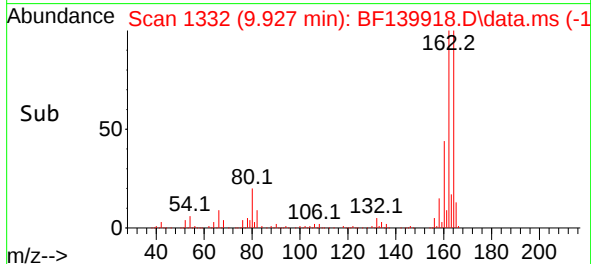
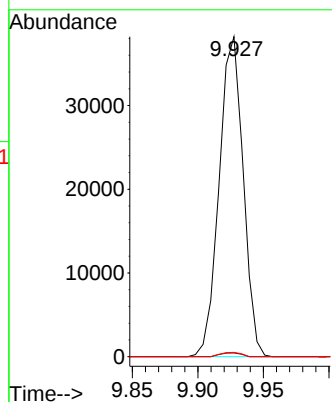
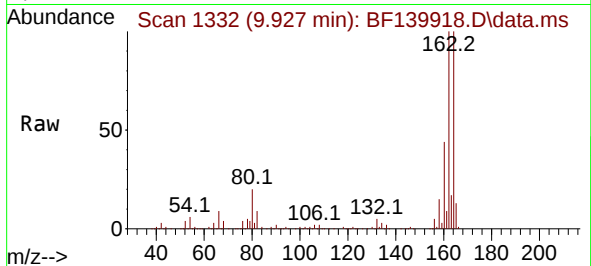




#51
2,6-Dinitrotoluene
Concen: 9.431 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

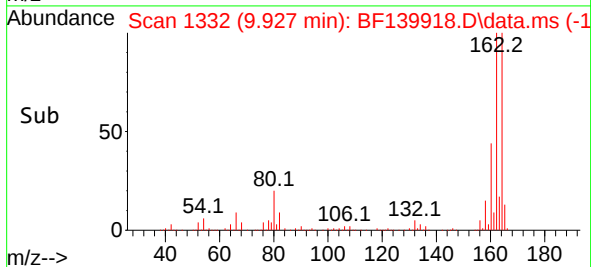
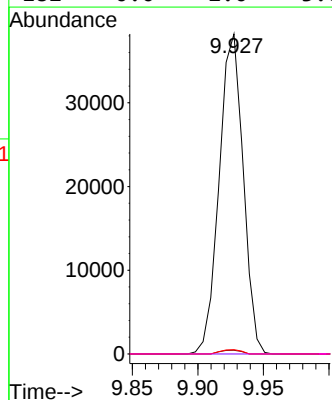
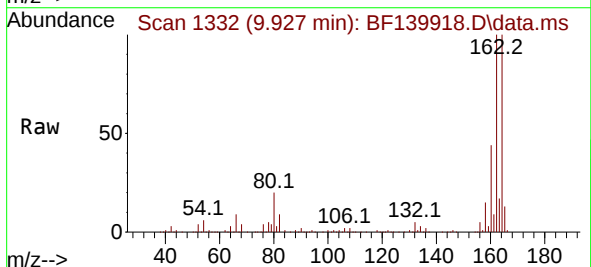
Instrument :
BNA_F
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PB164152BL

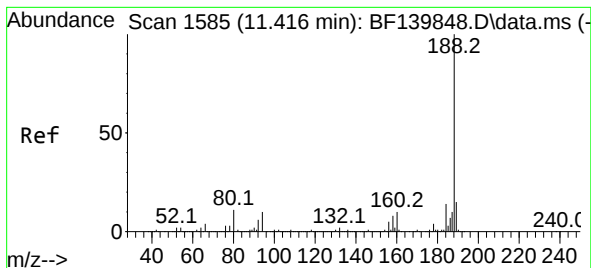
Tgt Ion:165 Resp: 48686
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.670 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

Tgt Ion:165 Resp: 48686
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139918.D

Acq: 22 Oct 2024 10:07

Instrument :

BNA_F

ClientSampleId :

PB164152BL

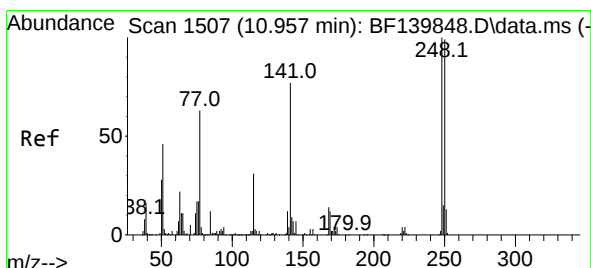
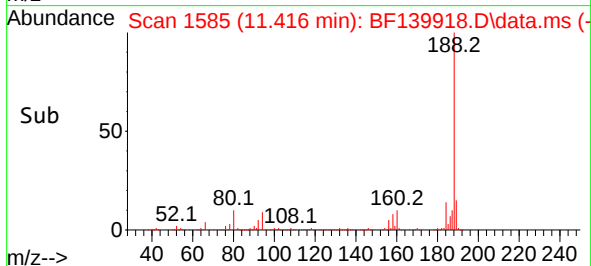
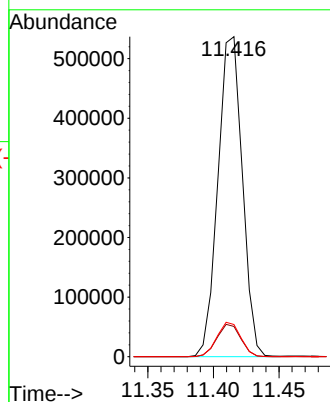
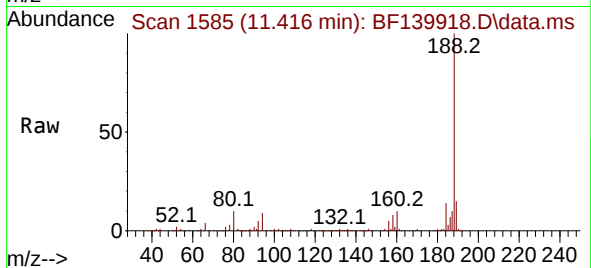
Tgt Ion:188 Resp: 694413

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.411 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139918.D

Acq: 22 Oct 2024 10:07

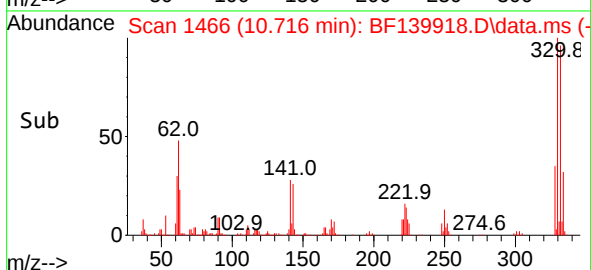
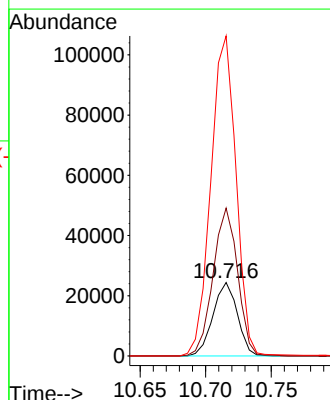
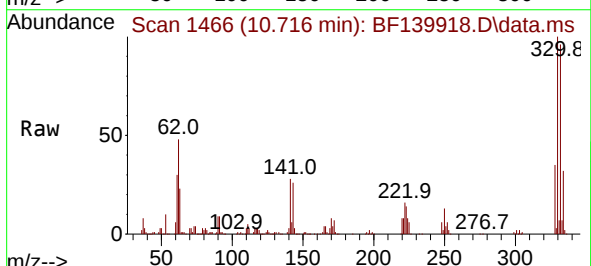
Tgt Ion:248 Resp: 31552

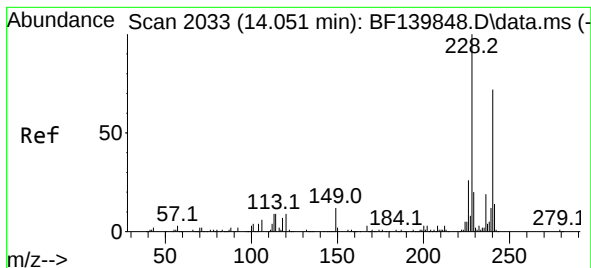
Ion Ratio Lower Upper

248 100

250 201.2 79.0 118.6#

141 435.3 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: BF139918.D

Acq: 22 Oct 2024 10:07

Instrument :

BNA_F

ClientSampleId :

PB164152BL

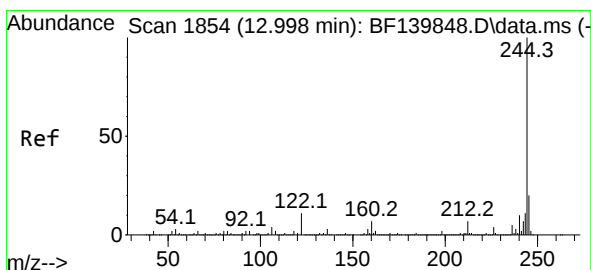
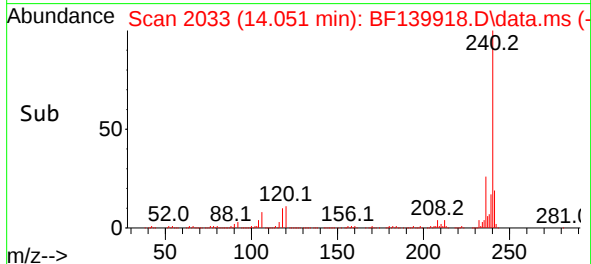
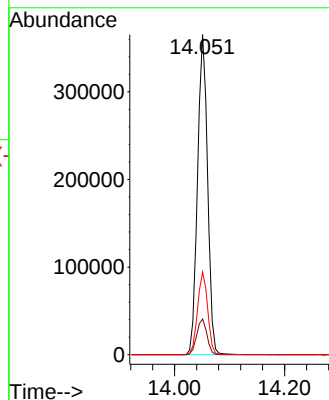
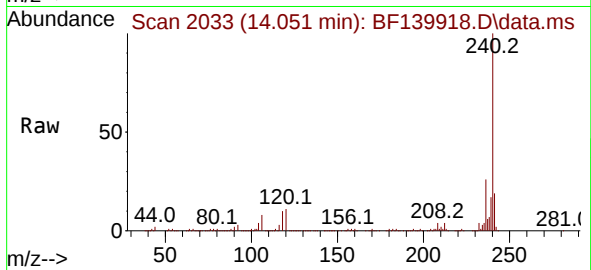
Tgt Ion:240 Resp: 463918

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 78.379 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139918.D

Acq: 22 Oct 2024 10:07

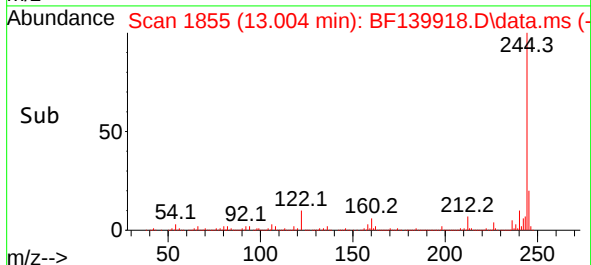
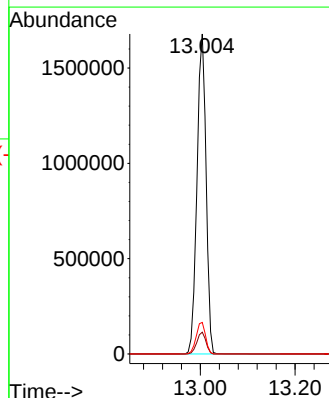
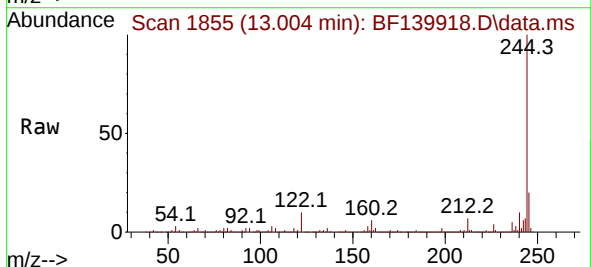
Tgt Ion:244 Resp: 2231486

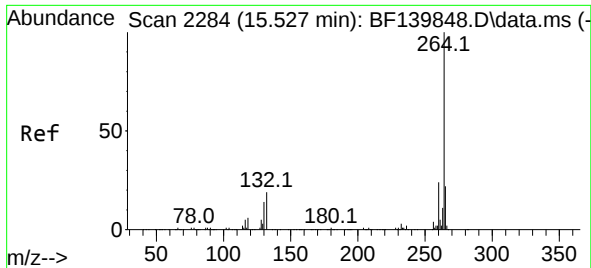
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

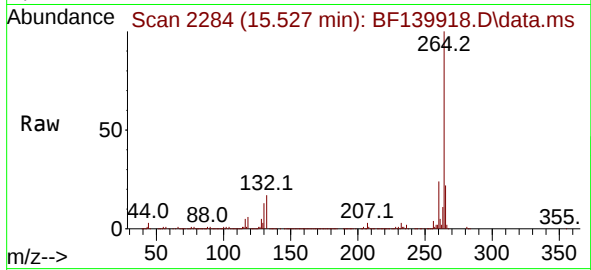
122 9.9 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139918.D
 Acq: 22 Oct 2024 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB164152BL



Tgt Ion:264 Resp: 350902
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.6 17.4 26.0

