

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139421.D
 Acq On : 18 Sep 2024 12:08
 Operator : RC/JU
 Sample : PB163372BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163372BL

Quant Time: Sep 18 12:41:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

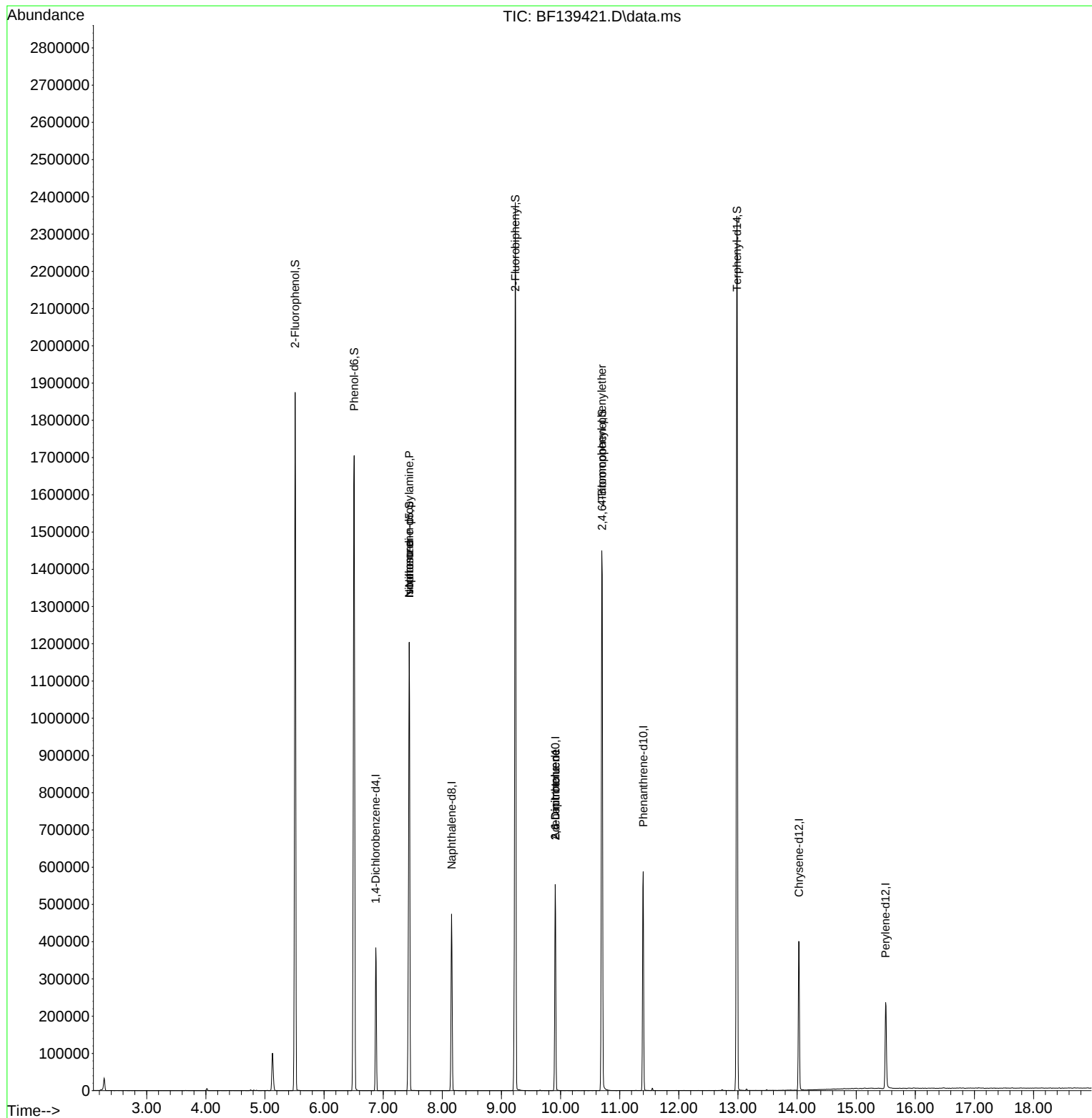
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	74733	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	282623	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	163549	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	313440	20.000	ng	0.00
76) Chrysene-d12	14.033	240	197886	20.000	ng	0.00
86) Perylene-d12	15.498	264	144410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	633348	138.254	ng	0.02
7) Phenol-d6	6.510	99	829709	137.987	ng	0.00
23) Nitrobenzene-d5	7.439	82	562384	93.547	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	230624	132.453	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1067098	91.509	ng	0.00
79) Terphenyl-d14	12.986	244	1202430	99.737	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	79085	22.195	ng	# 75
25) Isophorone	7.439	82	560686	58.972	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	20882	8.781	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	20882	6.504	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	16097	5.182	ng	# 1

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

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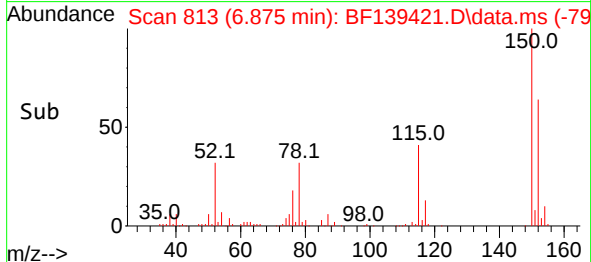
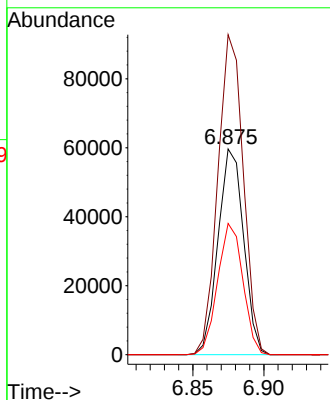
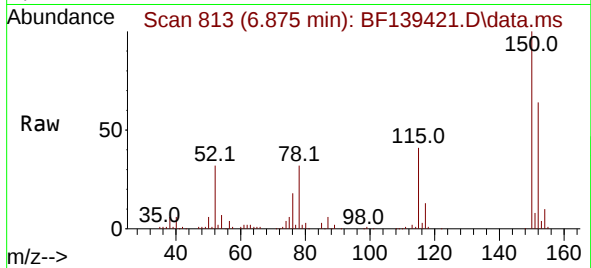




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

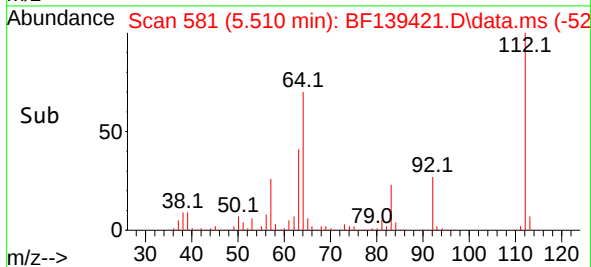
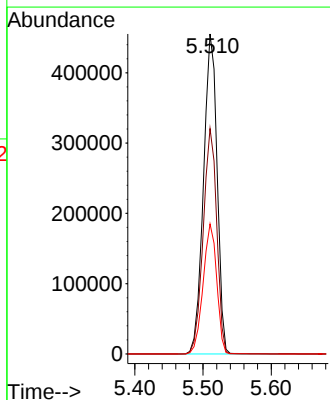
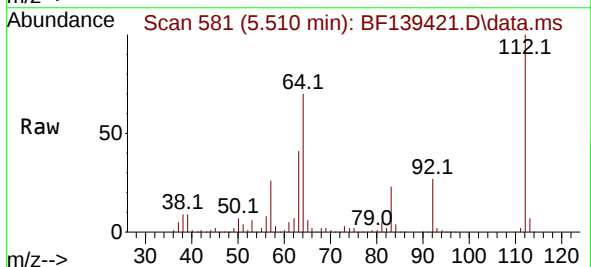
Instrument :
BNA_F
ClientSampleId :
PB163372BL

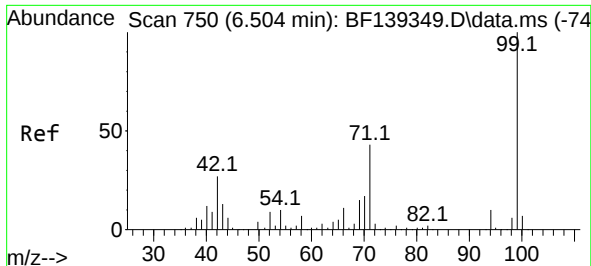
Tgt Ion:152 Resp: 74733
Ion Ratio Lower Upper
152 100
150 155.6 124.1 186.1
115 63.8 48.1 72.1



#5
2-Fluorophenol
Concen: 138.254 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

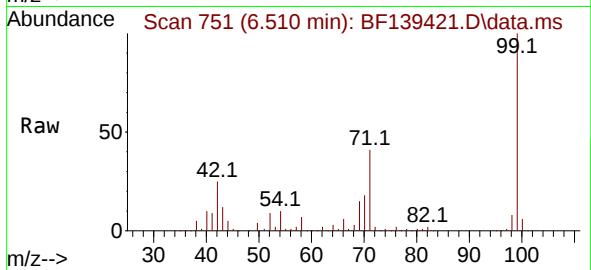
Tgt Ion:112 Resp: 633348
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 40.6 33.0 49.4



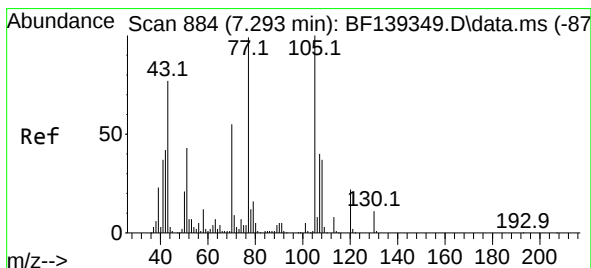
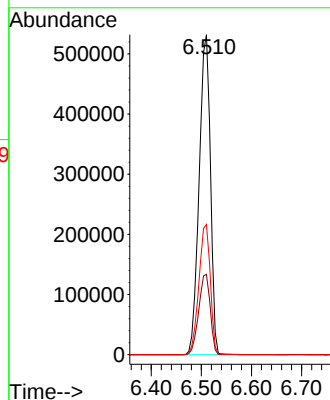
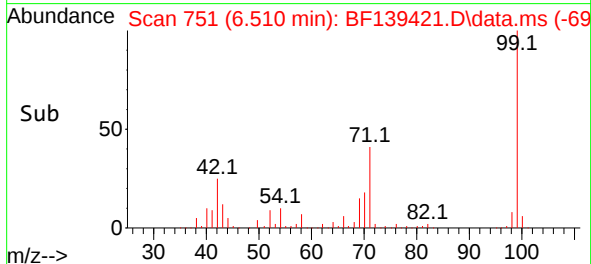


#7
Phenol-d6
Concen: 137.987 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

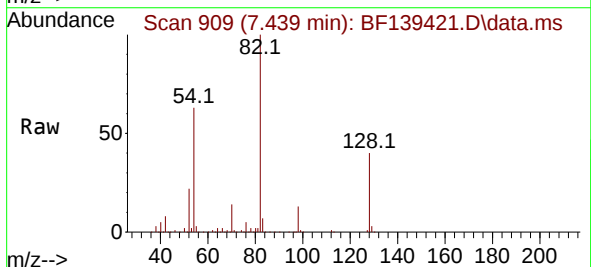
Instrument :
BNA_F
ClientSampleId :
PB163372BL



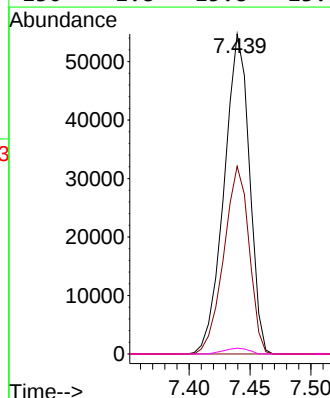
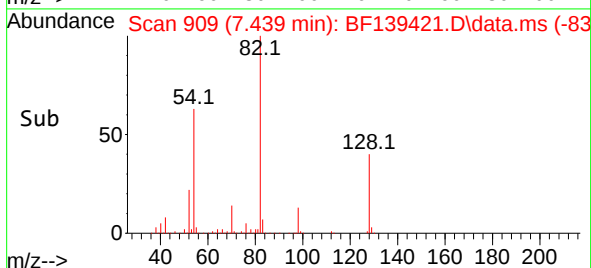
Tgt Ion: 99 Resp: 829709
Ion Ratio Lower Upper
99 100
42 25.1 21.9 32.9
71 40.7 34.6 52.0

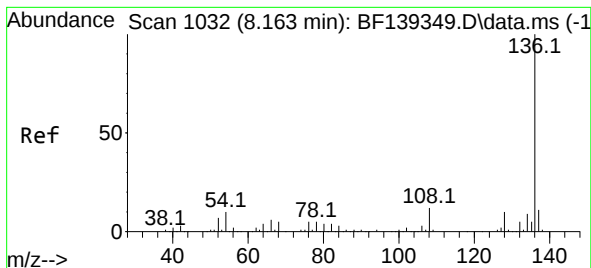


#19
n-Nitroso-di-n-propylamine
Concen: 22.195 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08



Tgt Ion: 70 Resp: 79085
Ion Ratio Lower Upper
70 100
42 58.7 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB163372BL

Tgt Ion:136 Resp: 282623

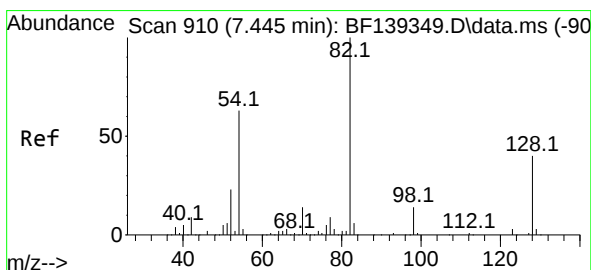
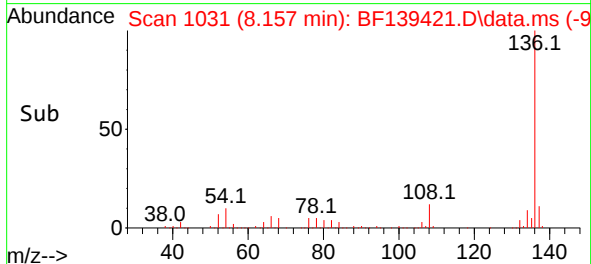
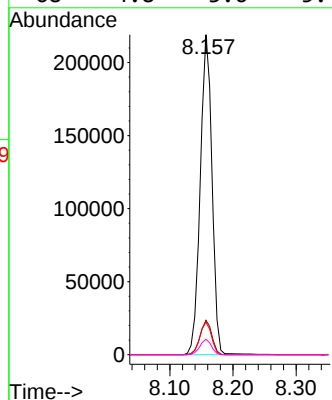
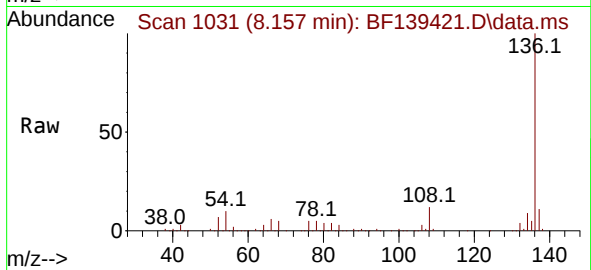
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 10.2 7.8 11.8

68 4.8 3.6 5.4



#23

Nitrobenzene-d5

Concen: 93.547 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

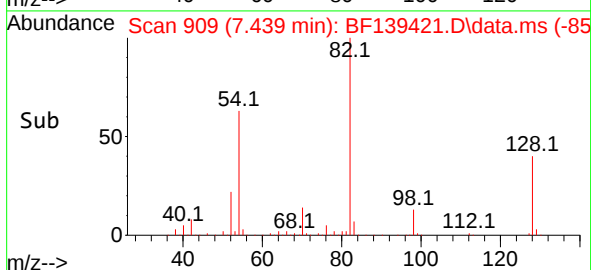
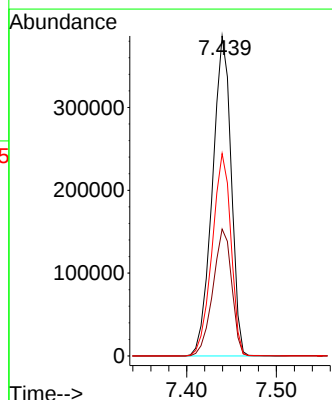
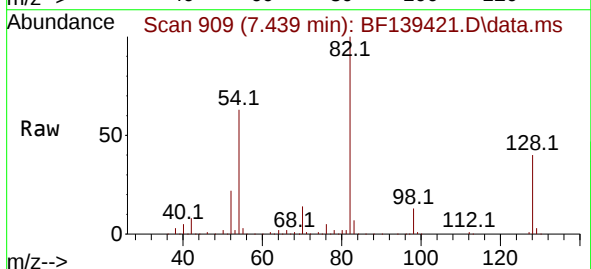
Tgt Ion: 82 Resp: 562384

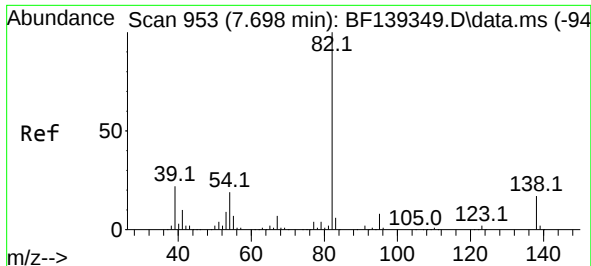
Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

54 63.3 50.6 75.8

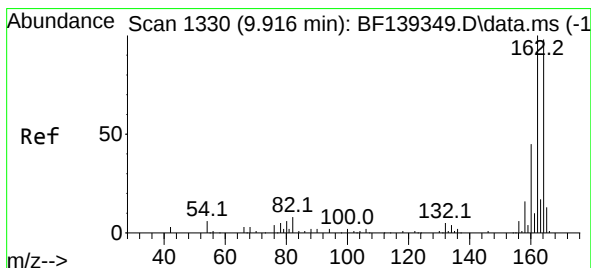
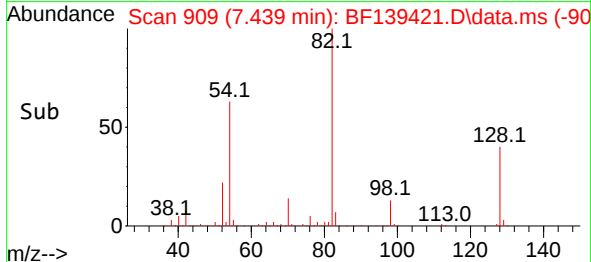
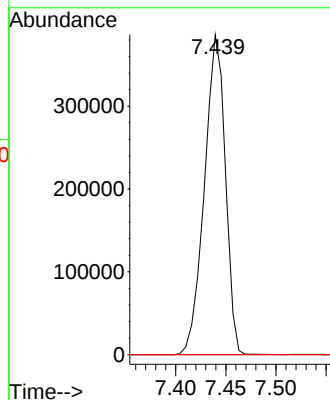
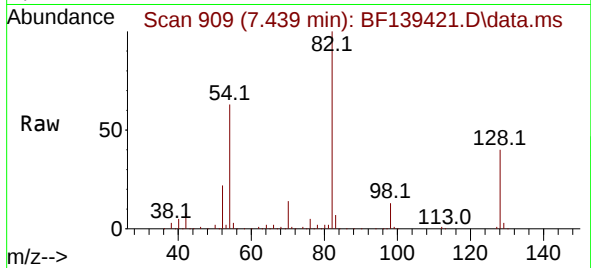




#25
Isophorone
Concen: 58.972 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

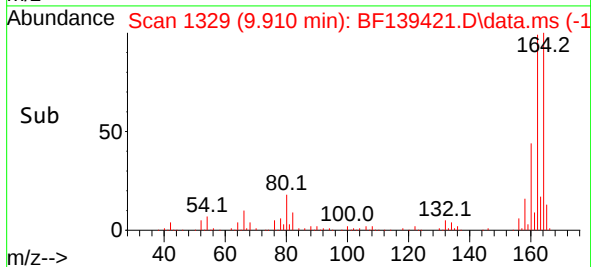
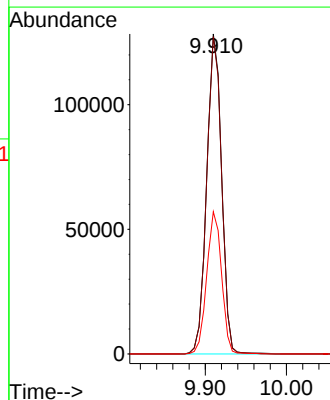
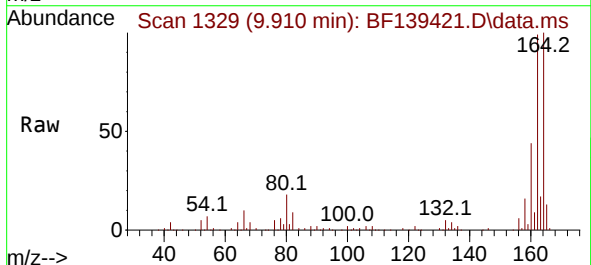
Instrument :
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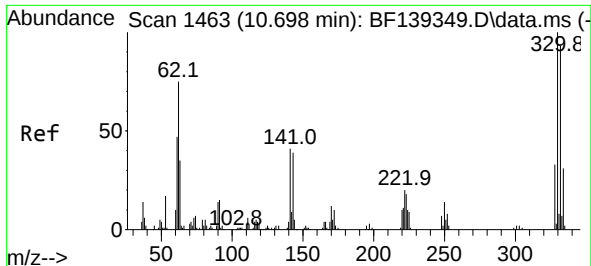
Tgt Ion: 82 Resp: 560686
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

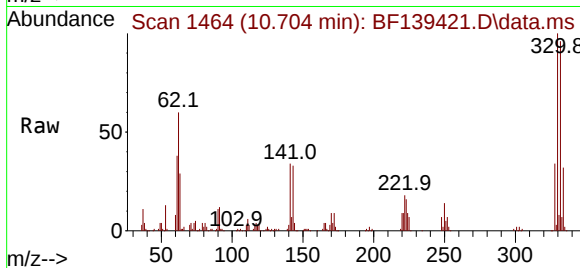
Tgt Ion:164 Resp: 163549
Ion Ratio Lower Upper
164 100
162 99.1 81.3 121.9
160 44.5 36.4 54.6



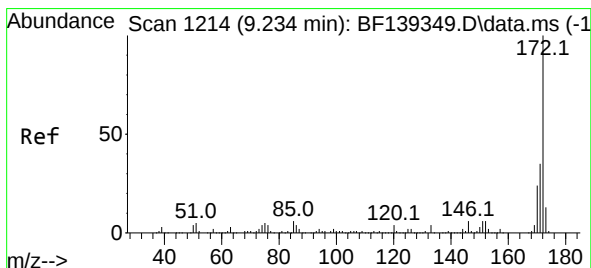
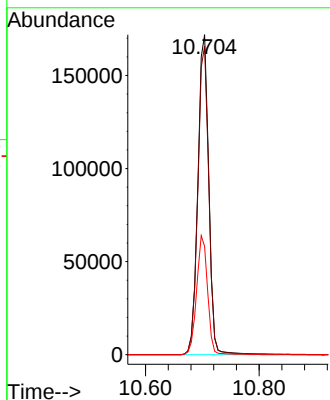
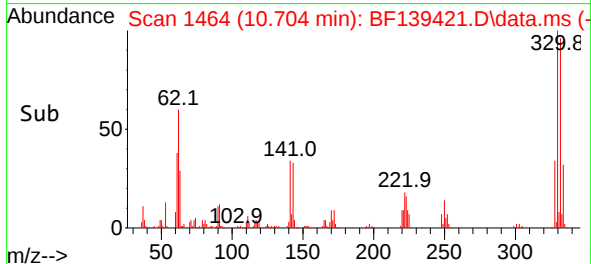


#42
2,4,6-Tribromophenol
Concen: 132.453 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

Instrument :
BNA_F
ClientSampleId :
PB163372BL

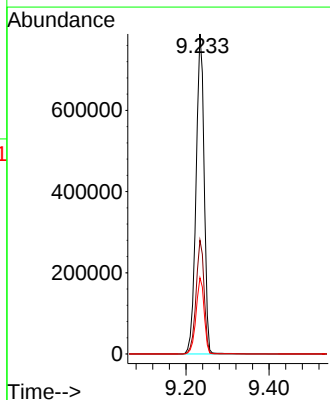
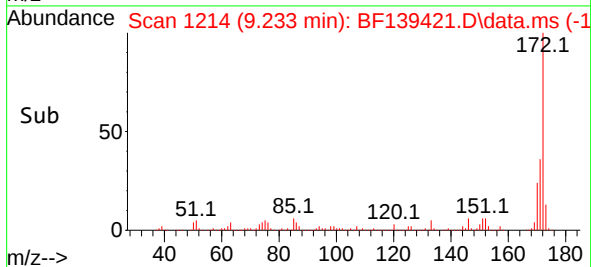
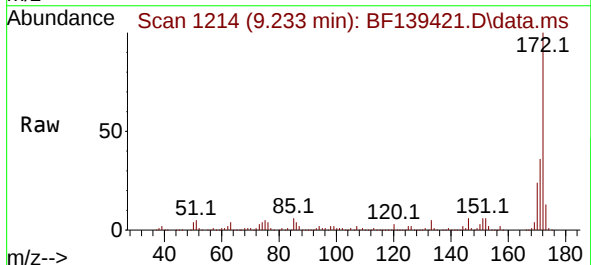


Tgt Ion:330 Resp: 230624
Ion Ratio Lower Upper
330 100
332 96.9 75.2 112.8
141 37.4 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 91.509 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

Tgt Ion:172 Resp: 1067098
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.0 28.6

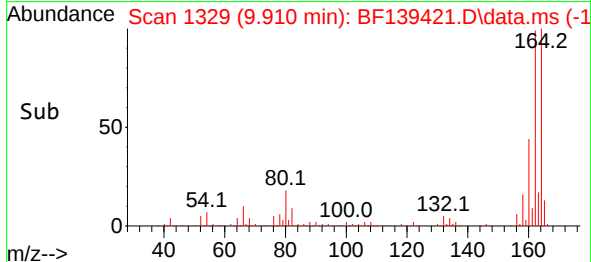
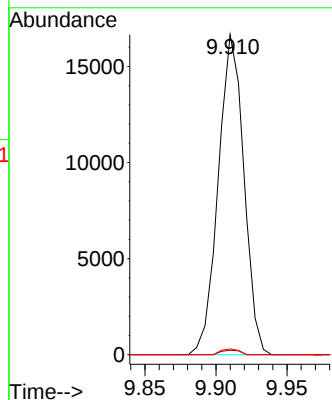
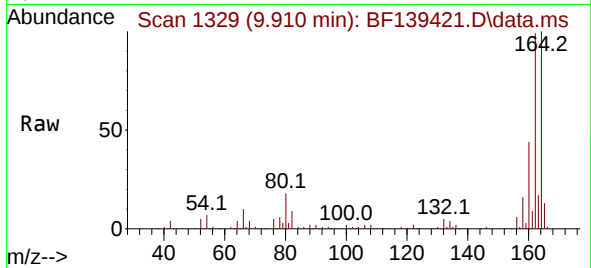




#51
2,6-Dinitrotoluene
Concen: 8.781 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

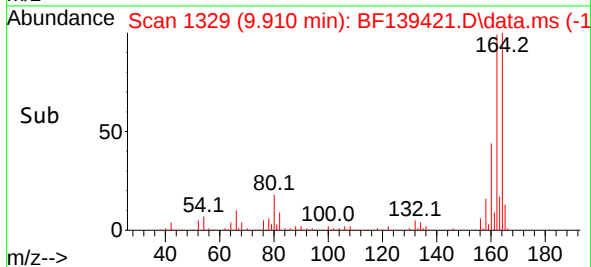
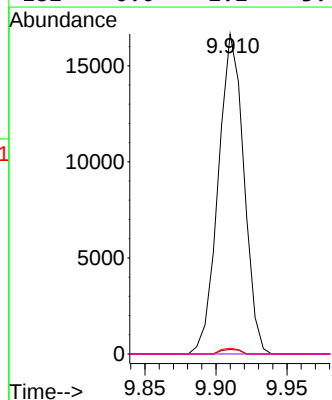
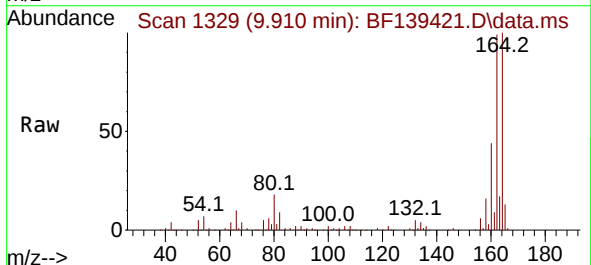
Instrument :
BNA_F
ClientSampleId :
PB163372BL

Tgt Ion:165 Resp: 20882
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.8 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139421.D
Acq: 18 Sep 2024 12:08

Tgt Ion:165 Resp: 20882
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.8 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB163372BL

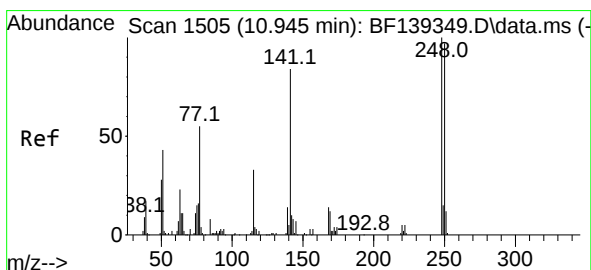
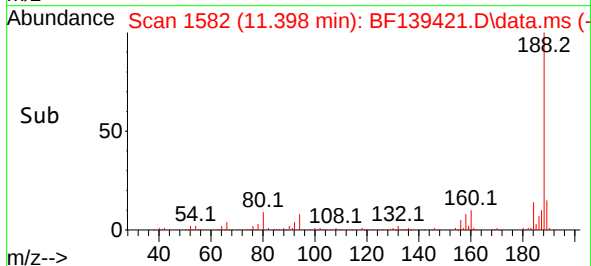
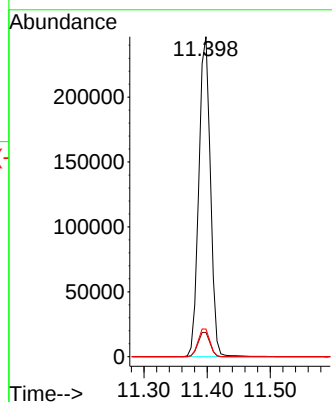
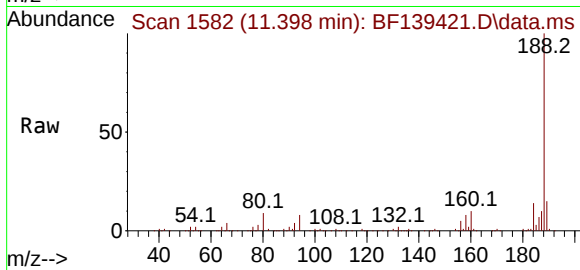
Tgt Ion:188 Resp: 313440

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.7 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.182 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

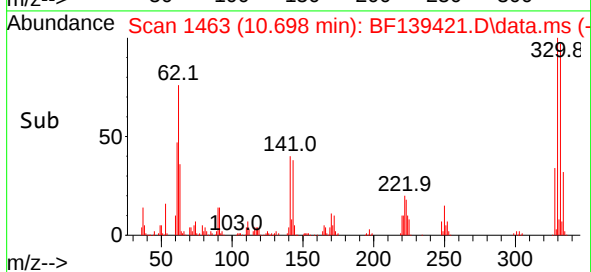
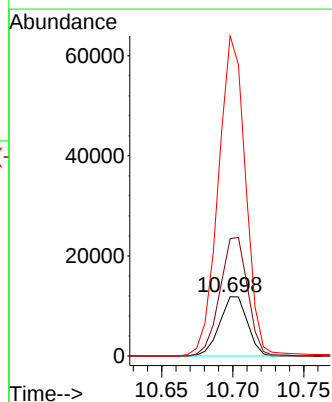
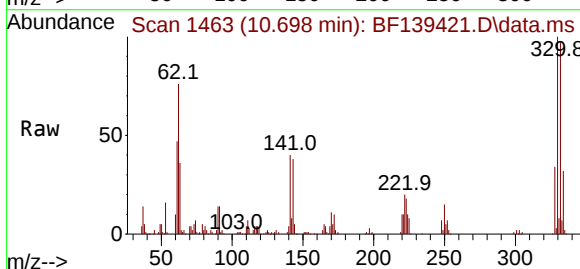
Tgt Ion:248 Resp: 16097

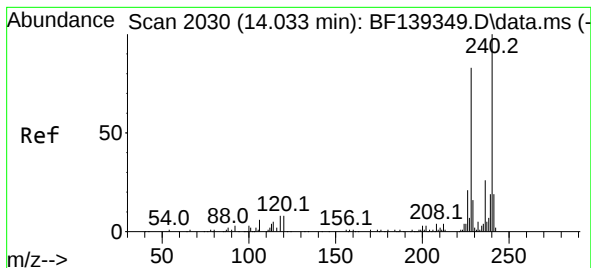
Ion Ratio Lower Upper

248 100

250 198.1 77.6 116.4#

141 540.3 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB163372BL

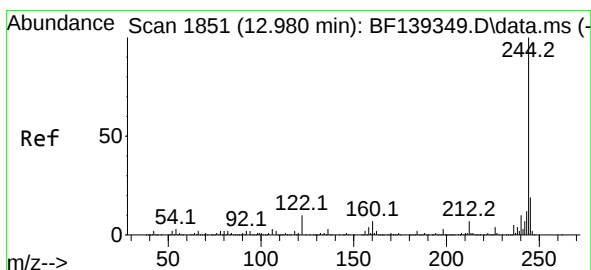
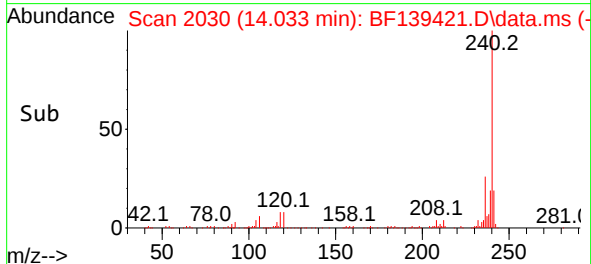
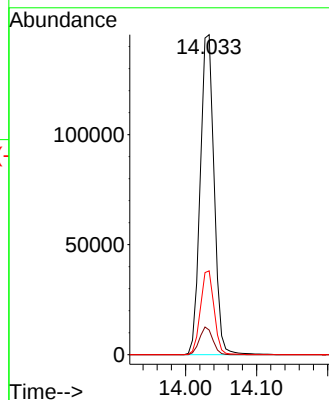
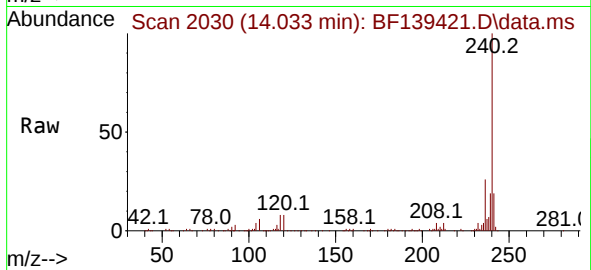
Tgt Ion:240 Resp: 197886

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.2

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 99.737 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

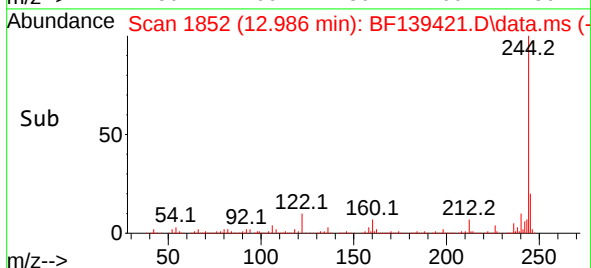
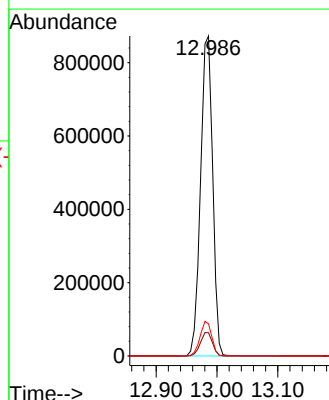
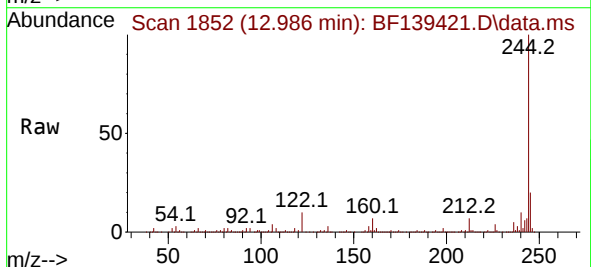
Tgt Ion:244 Resp: 1202430

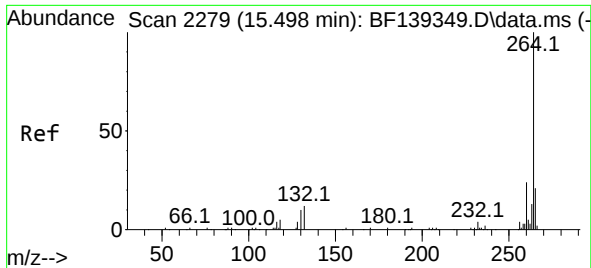
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.1 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139421.D
 Acq: 18 Sep 2024 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB163372BL

Tgt Ion:264 Resp: 144410
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.9 16.6 25.0

