

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139365.D
 Acq On : 14 Sep 2024 13:16
 Operator : RC/JU
 Sample : PB163344BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163344BL

Quant Time: Sep 16 01:54:54 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)

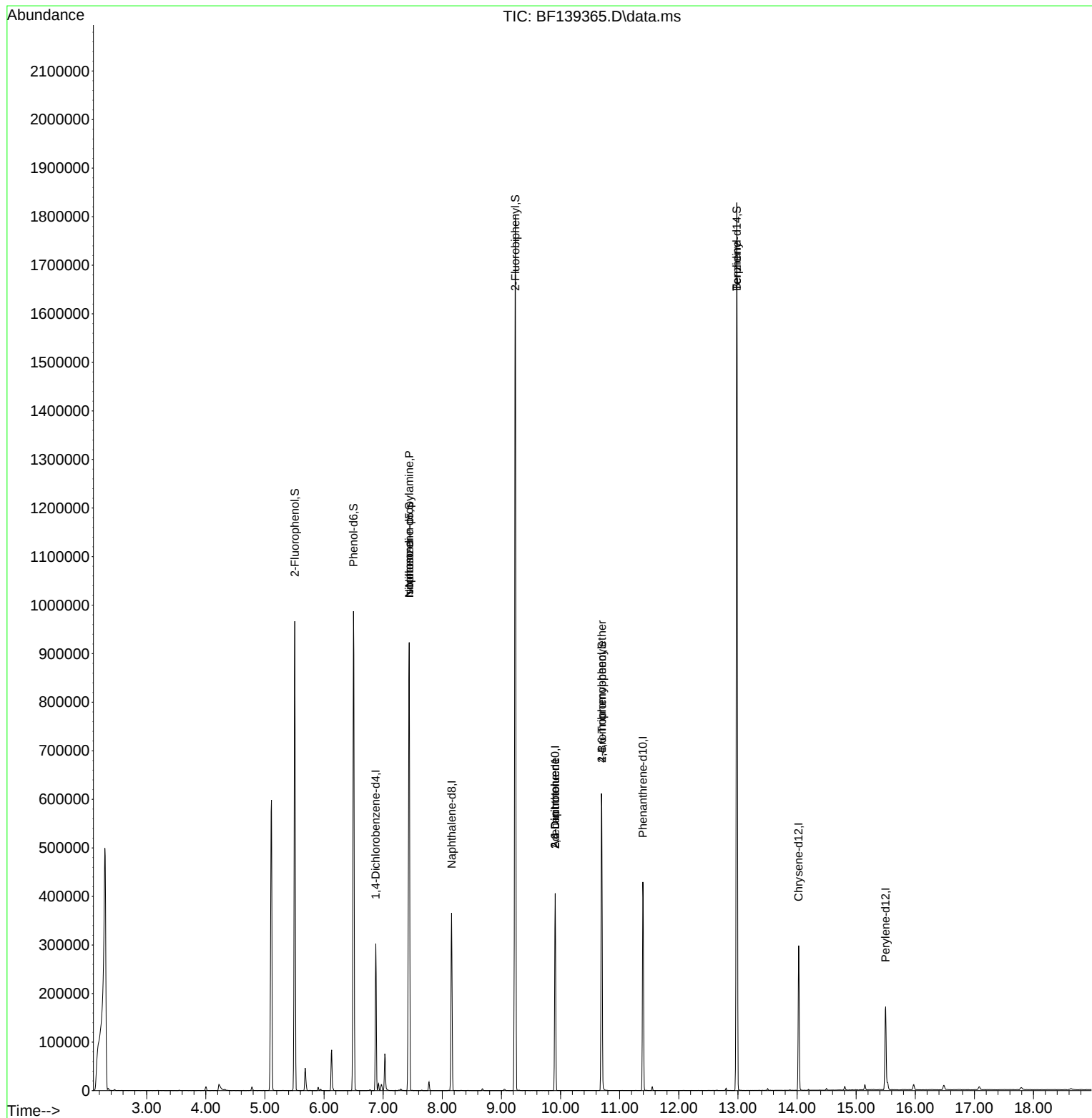
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56855	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	212501	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	111838	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	224637	20.000	ng	0.00
76) Chrysene-d12	14.027	240	138444	20.000	ng	0.00
86) Perylene-d12	15.498	264	105797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	304134	87.265	ng	0.01
7) Phenol-d6	6.498	99	410603	89.759	ng	0.00
23) Nitrobenzene-d5	7.440	82	419531	92.813	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	92071	77.328	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	777291	97.477	ng	0.00
79) Terphenyl-d14	12.980	244	870407	103.195	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	59111	21.806	ng	Qvalue # 77
25) Isophorone	7.440	82	419160	58.634	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	14775	9.086	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	14775	6.730	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	6226	2.797	ng	# 1
77) Benzidine	12.980	184	13187	6.648	ng	# 93

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

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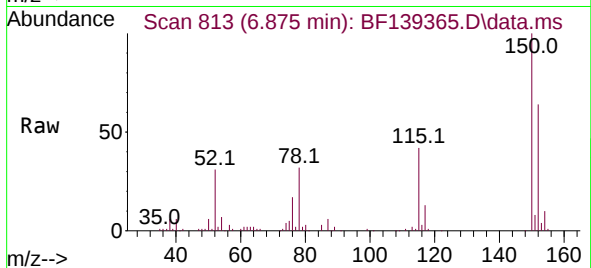
Quant Time: Sep 16 01:54:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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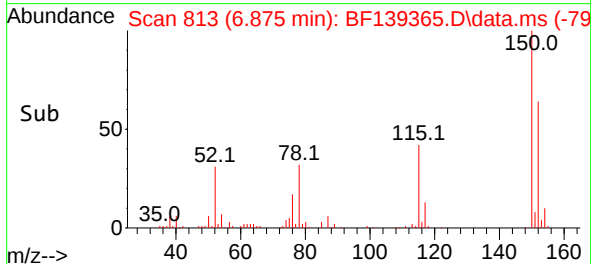
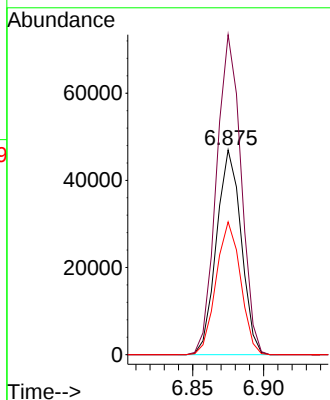


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB163344BL

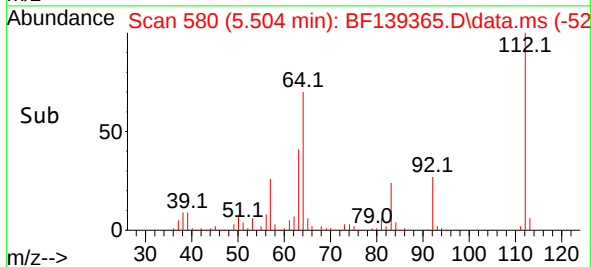
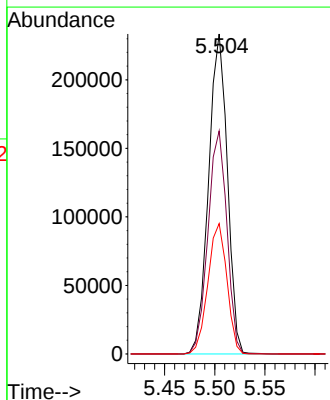
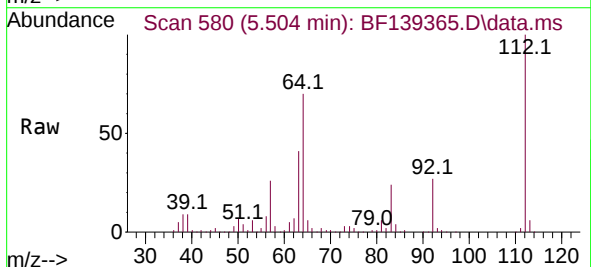


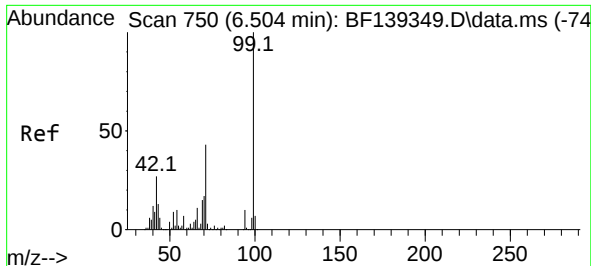
Tgt Ion:152 Resp: 56855
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 64.8 48.1 72.1



#5
2-Fluorophenol
Concen: 87.265 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

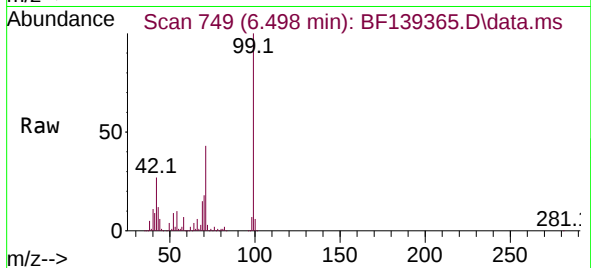
Tgt Ion:112 Resp: 304134
Ion Ratio Lower Upper
112 100
64 69.7 54.8 82.2
63 40.8 33.0 49.4



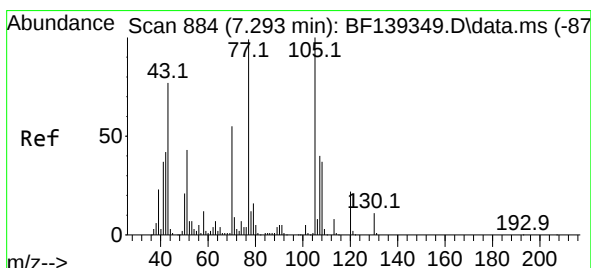
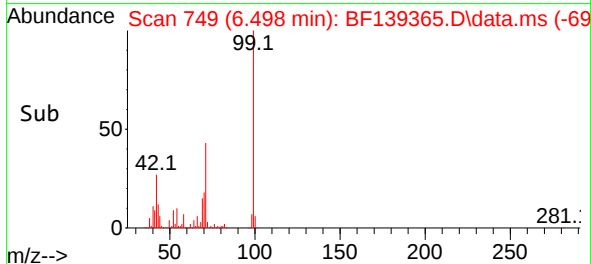
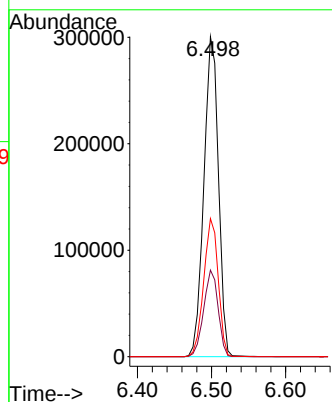


#7
Phenol-d6
Concen: 89.759 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB163344BL

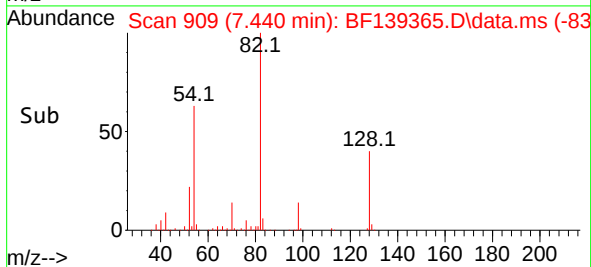
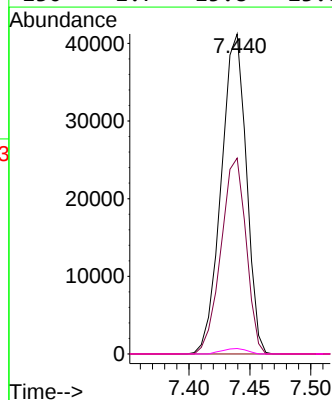
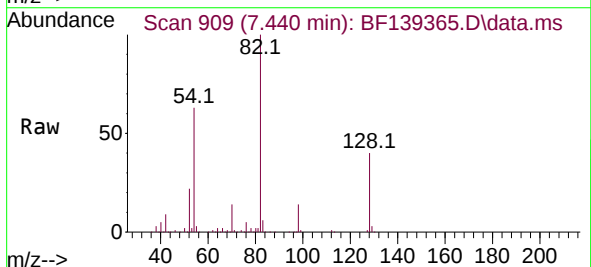


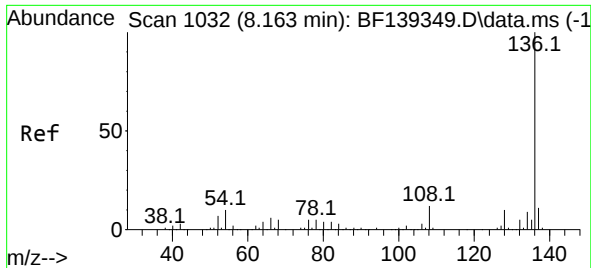
Tgt Ion: 99 Resp: 410603
Ion Ratio Lower Upper
99 100
42 27.0 21.9 32.9
71 43.1 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.806 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 70 Resp: 59111
Ion Ratio Lower Upper
70 100
42 61.2 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#





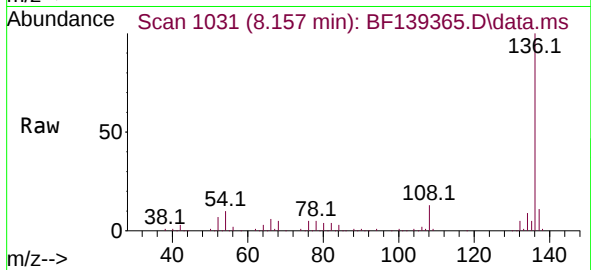
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

Instrument :

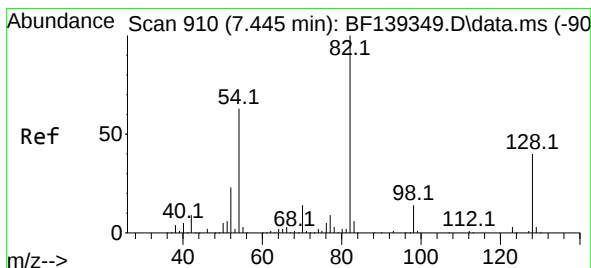
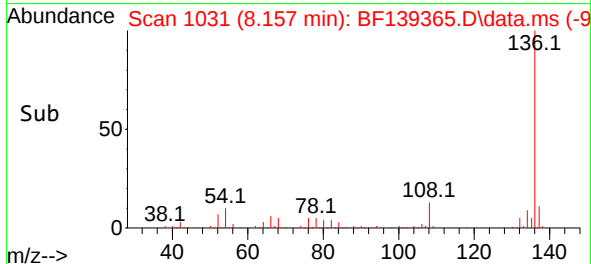
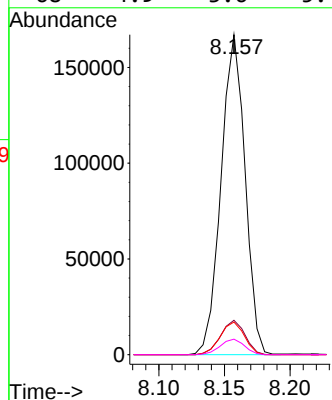
BNA_F

ClientSampleId :

PB163344BL

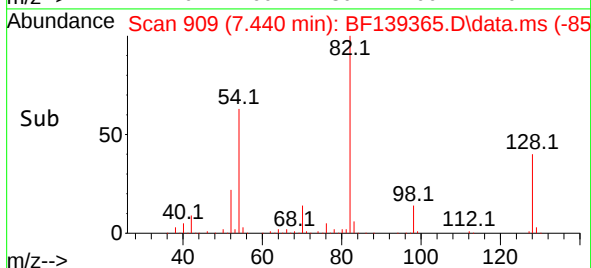
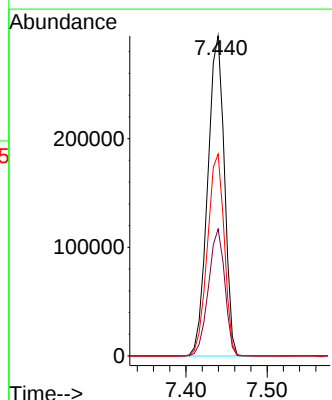
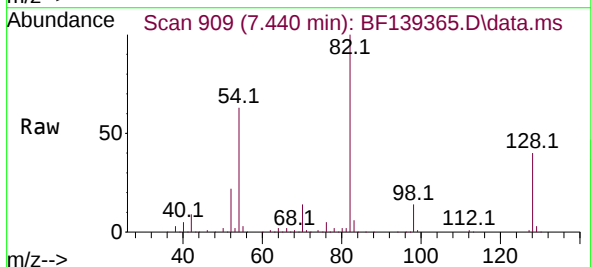


Tgt Ion:136 Resp: 212501
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.2 7.8 11.8
68 4.9 3.6 5.4



#23
Nitrobenzene-d5
Concen: 92.813 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

Tgt Ion: 82 Resp: 419531
Ion Ratio Lower Upper
82 100
128 39.6 31.8 47.6
54 63.1 50.6 75.8

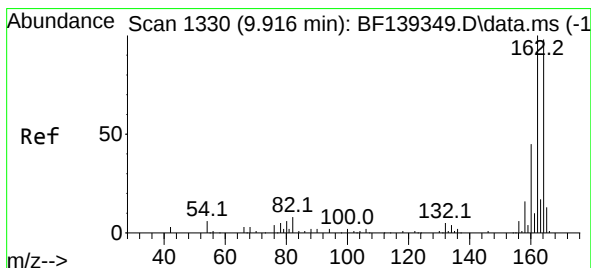
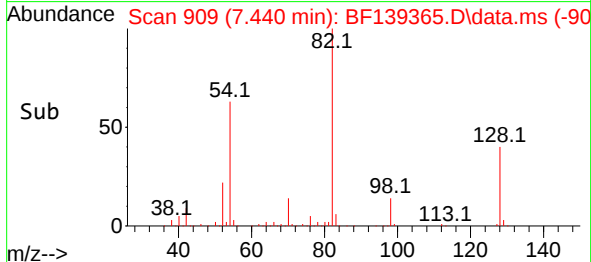
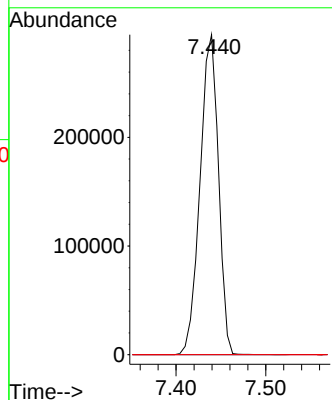
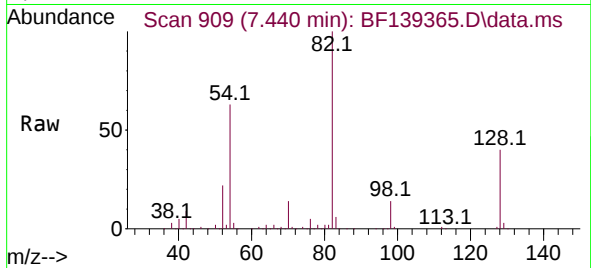




#25
Isophorone
Concen: 58.634 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

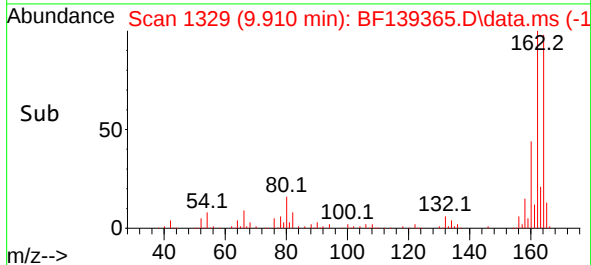
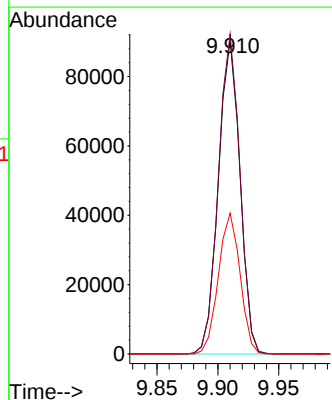
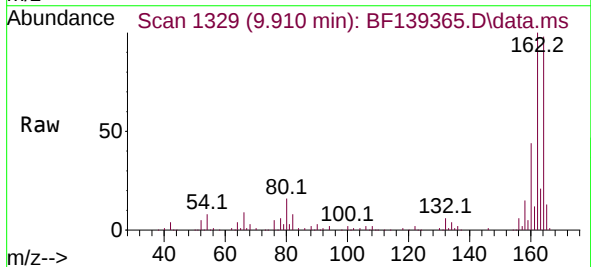
Instrument :
BNA_F
ClientSampleId :
PB163344BL

Tgt Ion: 82 Resp: 419160
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: BF139365.D
Acq: 14 Sep 2024 13:16

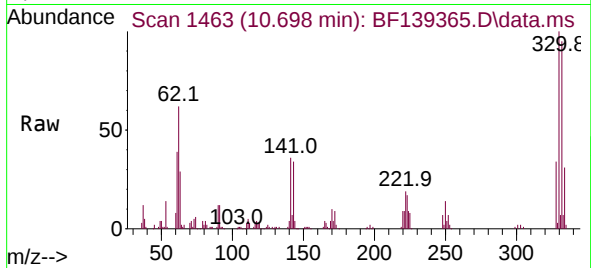
Tgt Ion:164 Resp: 111838
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.9 36.4 54.6



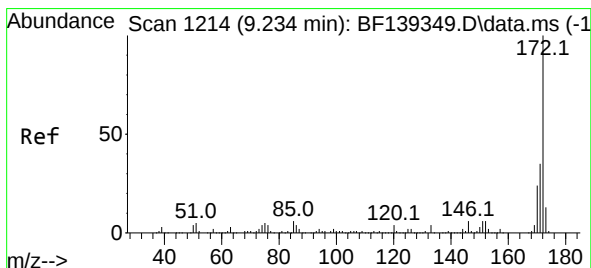
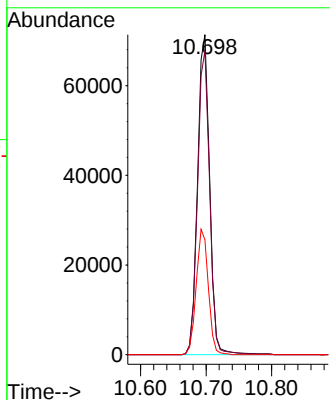
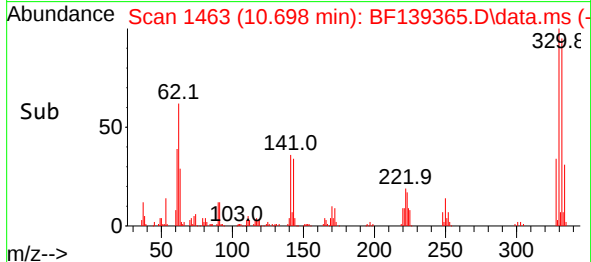


#42
2,4,6-Tribromophenol
Concen: 77.328 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

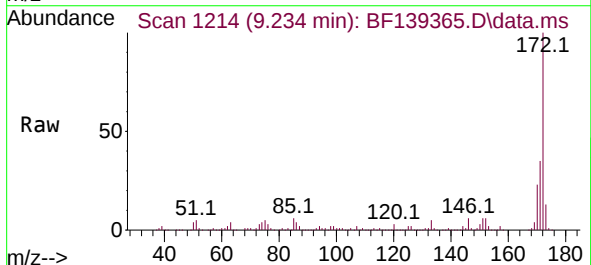
Instrument :
BNA_F
ClientSampleId :
PB163344BL



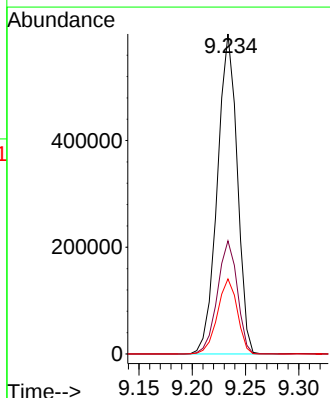
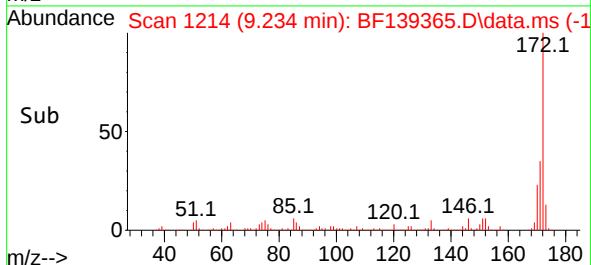
Tgt Ion: 330 Resp: 92071
Ion Ratio Lower Upper
330 100
332 94.5 75.2 112.8
141 39.0 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 97.477 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16



Tgt Ion: 172 Resp: 777291
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.6

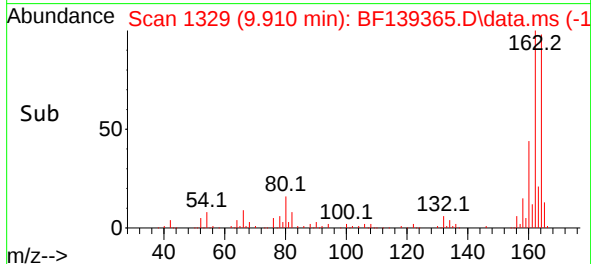
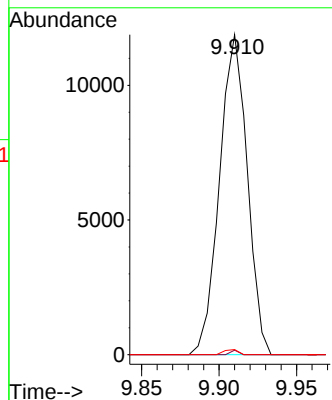
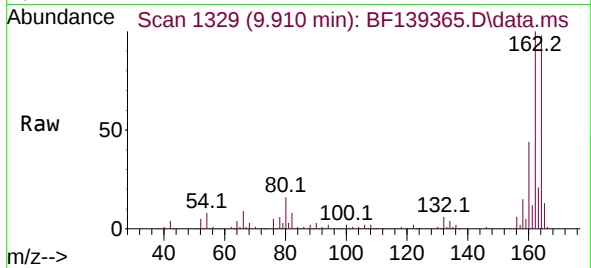




#51
2,6-Dinitrotoluene
Concen: 9.086 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

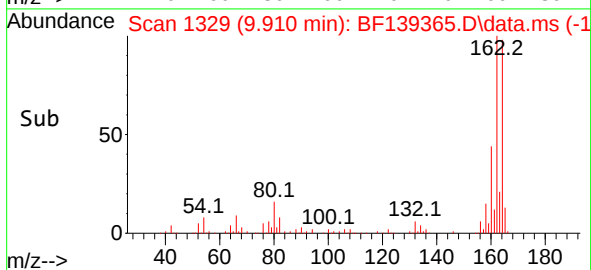
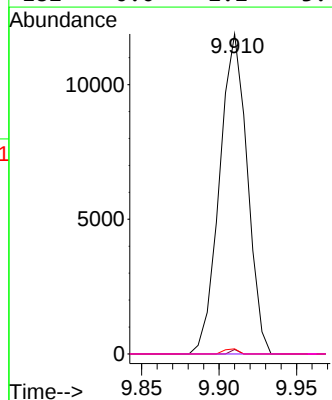
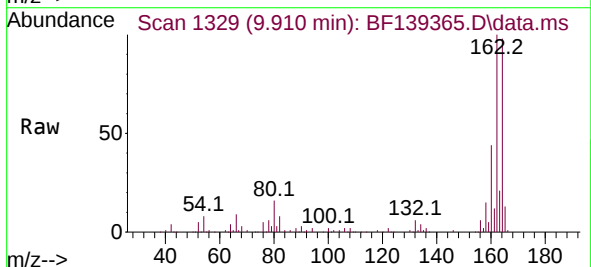
Instrument :
BNA_F
ClientSampleId :
PB163344BL

Tgt Ion:165 Resp: 14775
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.6 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.730 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

Tgt Ion:165 Resp: 14775
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.6 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139365.D

Acq: 14 Sep 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB163344BL

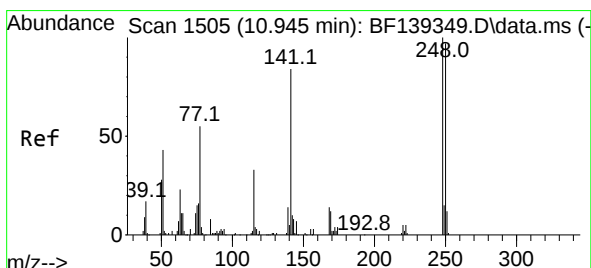
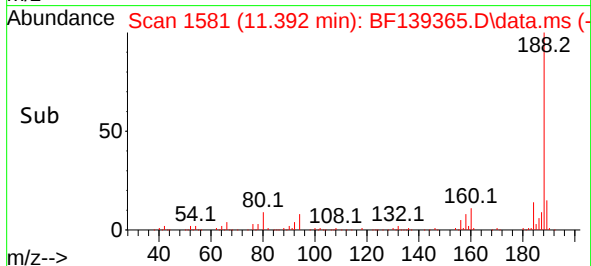
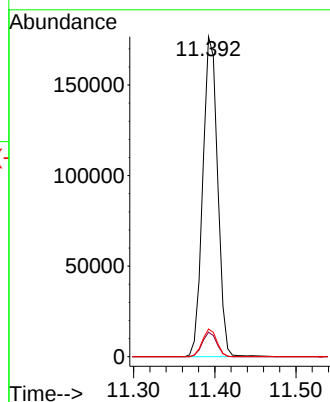
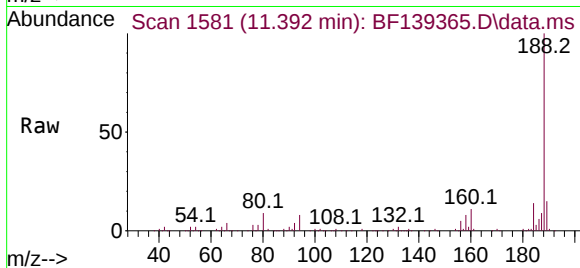
Tgt Ion:188 Resp: 224637

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

80 8.7 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 2.797 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139365.D

Acq: 14 Sep 2024 13:16

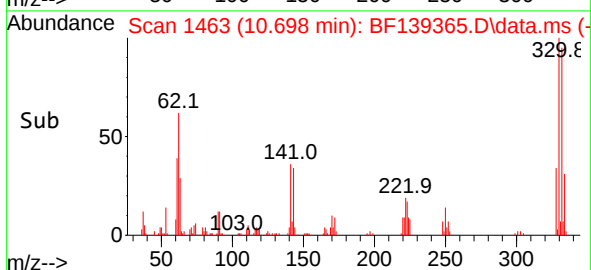
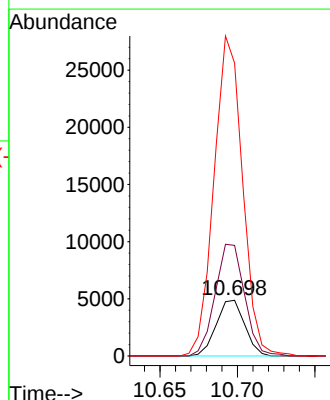
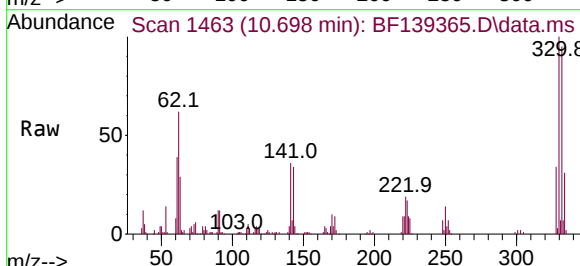
Tgt Ion:248 Resp: 6226

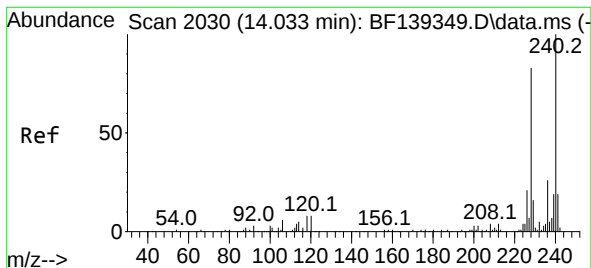
Ion Ratio Lower Upper

248 100

250 198.6 77.6 116.4#

141 525.9 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139365.D

Acq: 14 Sep 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB163344BL

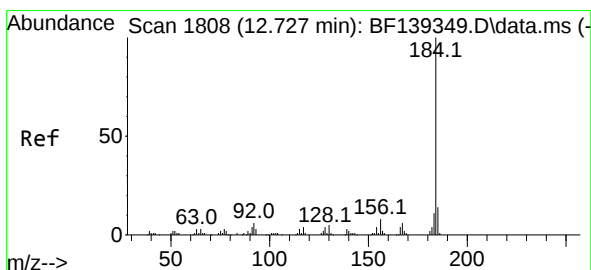
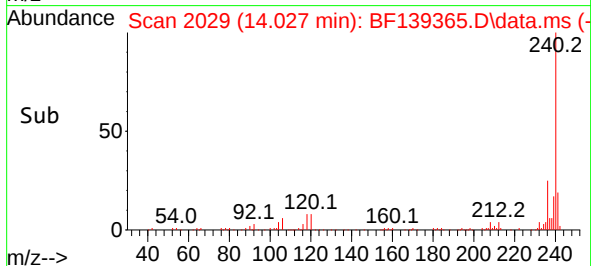
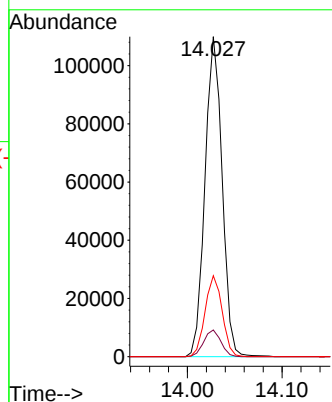
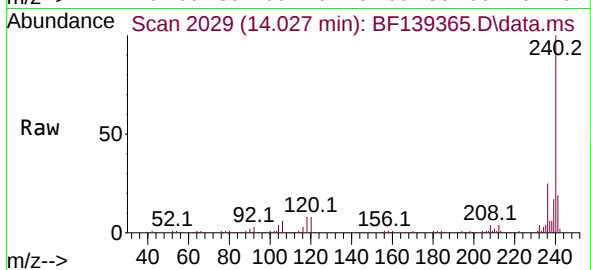
Tgt Ion:240 Resp: 138444

Ion Ratio Lower Upper

240 100

120 8.3 6.2 9.2

236 25.3 20.9 31.3



#77

Benzidine

Concen: 6.648 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139365.D

Acq: 14 Sep 2024 13:16

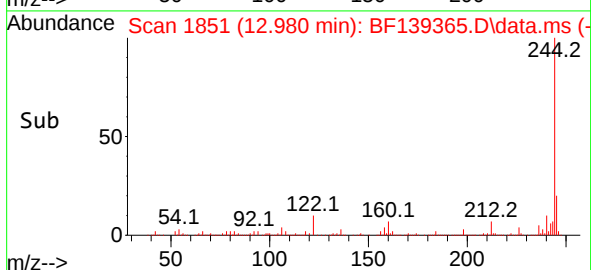
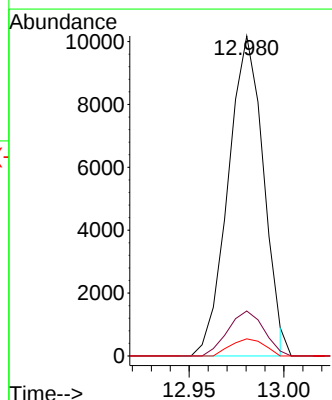
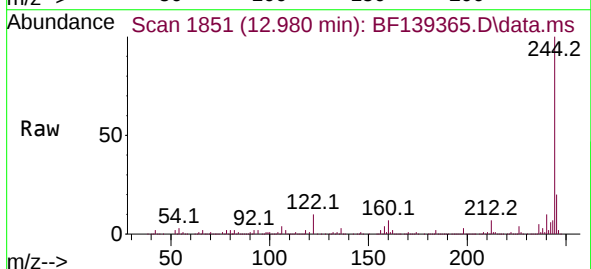
Tgt Ion:184 Resp: 13187

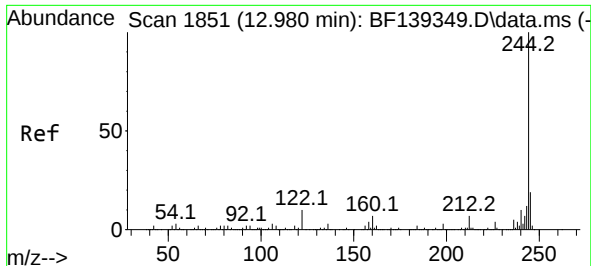
Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

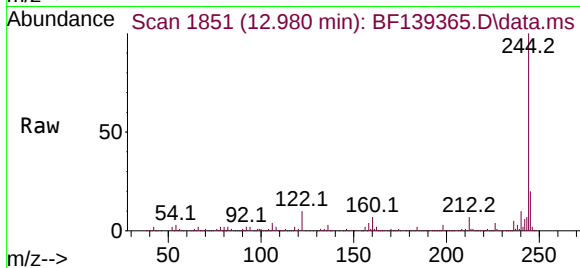
183 5.3 8.9 13.3#



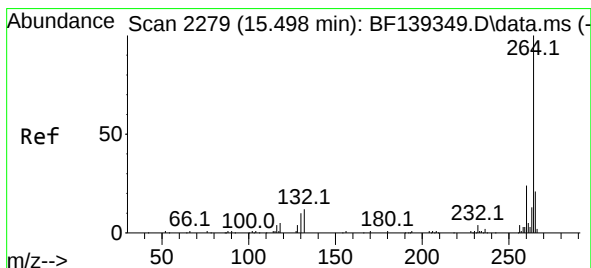
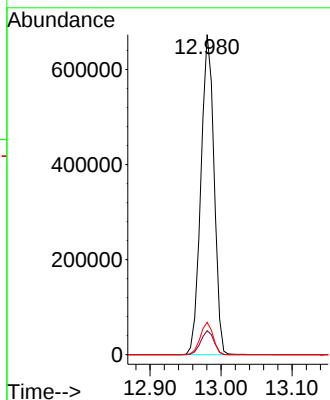
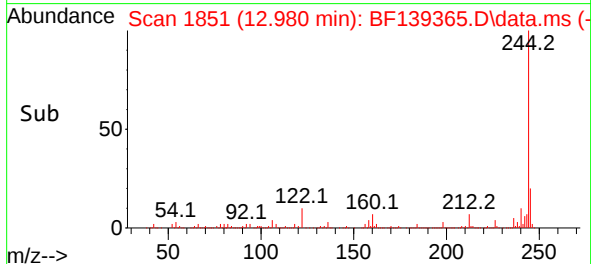


#79
Terphenyl-d14
Concen: 103.195 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB163344BL



Tgt Ion:244 Resp: 870407
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139365.D
Acq: 14 Sep 2024 13:16

Tgt Ion:264 Resp: 105797
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 20.7 16.6 25.0

