

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139460.D
 Acq On : 19 Sep 2024 12:58
 Operator : RC/JU
 Sample : PB163516BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163516BL

Quant Time: Sep 19 13:23:00 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)

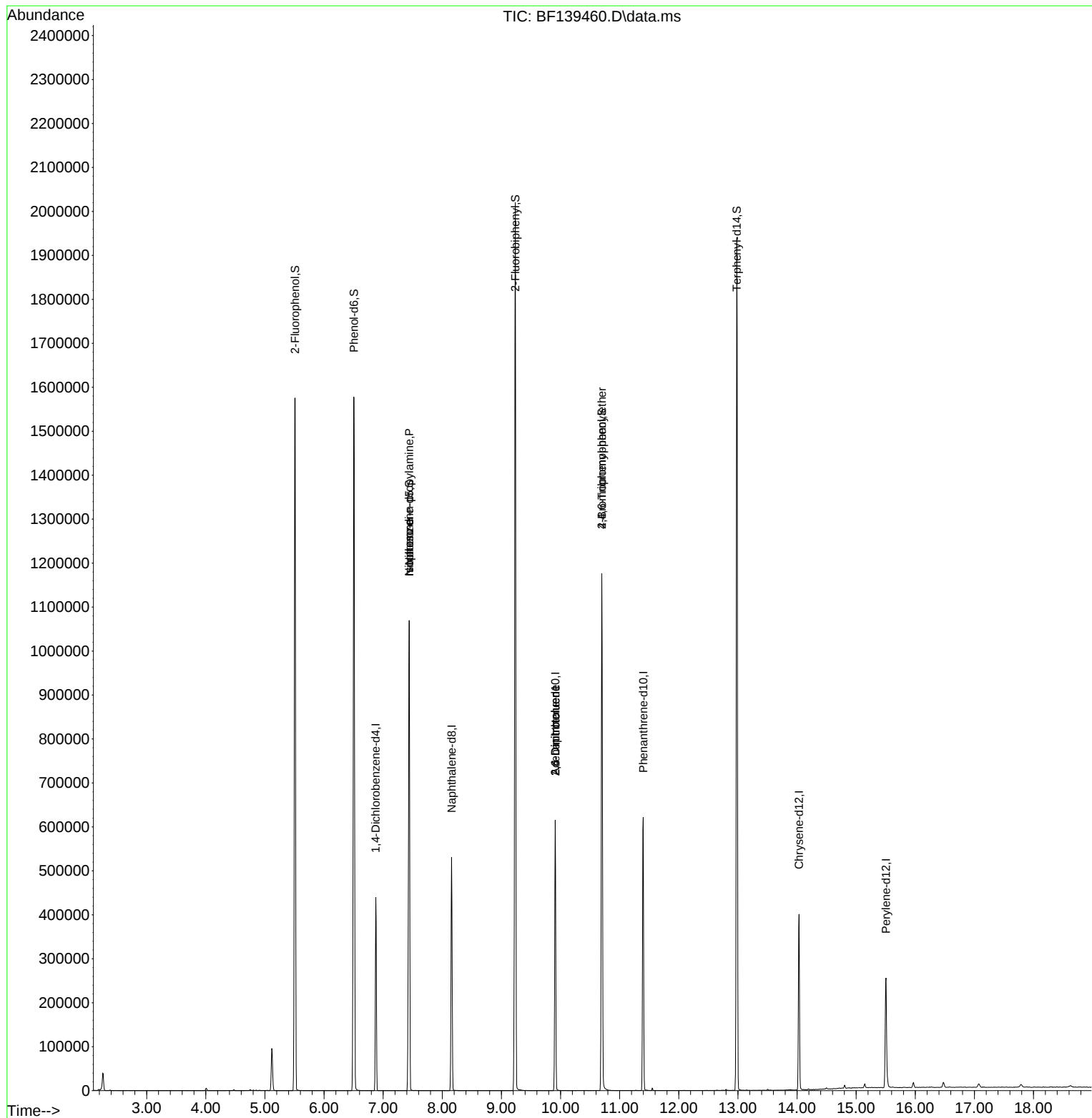
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85228	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	322325	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	178814	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	336315	20.000	ng	0.00
76) Chrysene-d12	14.033	240	193924	20.000	ng	0.00
86) Perylene-d12	15.504	264	157578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	548290	104.948	ng	0.02
7) Phenol-d6	6.504	99	714220	104.154	ng	0.00
23) Nitrobenzene-d5	7.440	82	483571	70.529	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	181852	95.526	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	897097	70.363	ng	0.00
79) Terphenyl-d14	12.980	244	954625	80.800	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	68225	16.789	ng	# 74
25) Isophorone	7.440	82	480992	44.358	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	22934	8.821	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	22934	6.534	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	12628	3.789	ng	# 1

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

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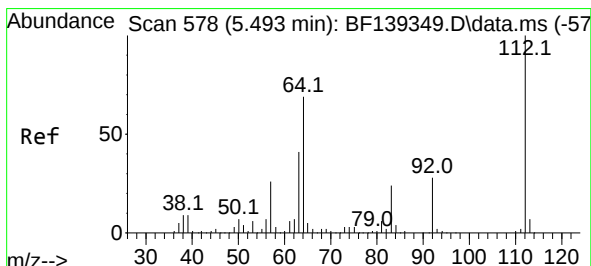
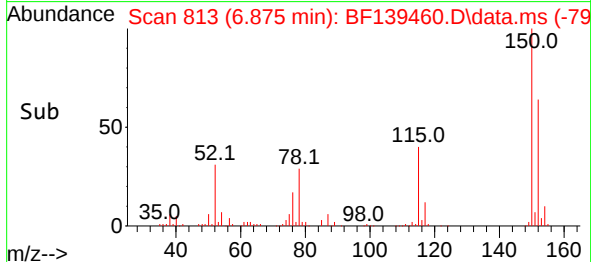
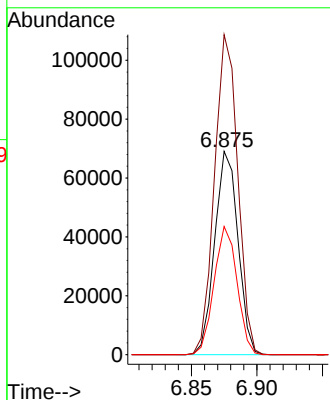
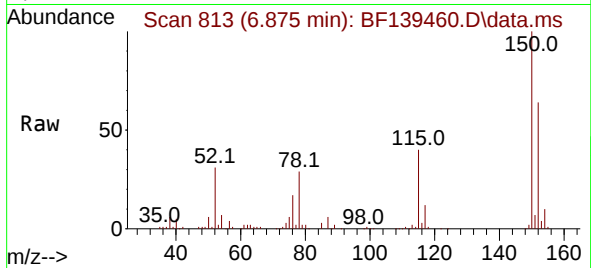




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

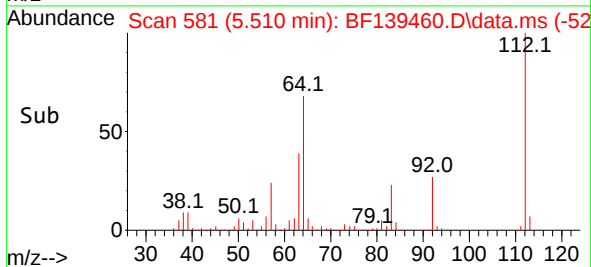
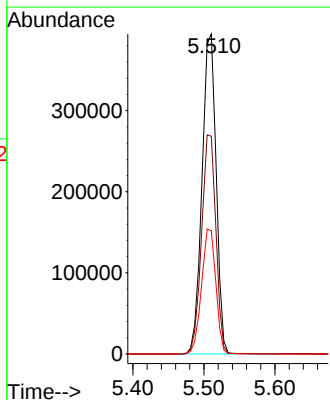
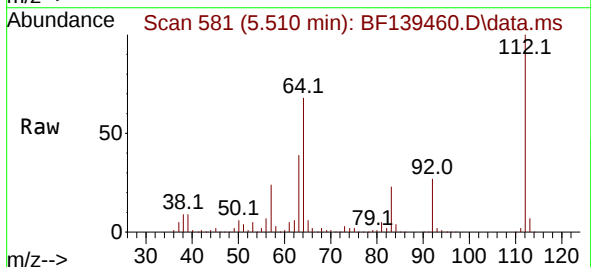
Instrument :
BNA_F
ClientSampleId :
PB163516BL

Tgt Ion:152 Resp: 85228
Ion Ratio Lower Upper
152 100
150 157.4 124.1 186.1
115 63.0 48.1 72.1



#5
2-Fluorophenol
Concen: 104.948 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

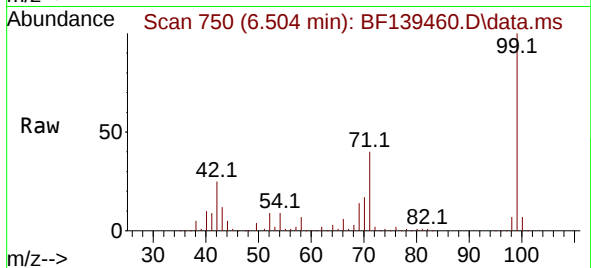
Tgt Ion:112 Resp: 548290
Ion Ratio Lower Upper
112 100
64 68.0 54.8 82.2
63 38.5 33.0 49.4



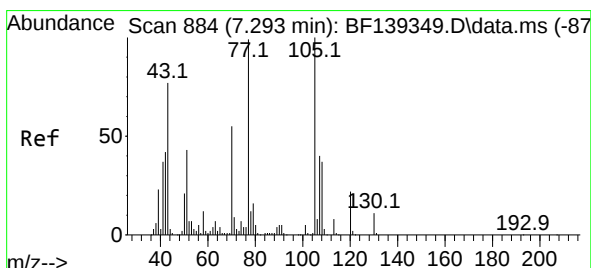
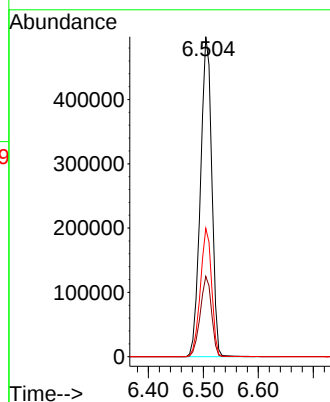
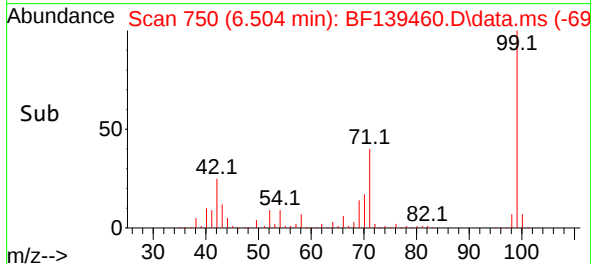


#7
Phenol-d6
Concen: 104.154 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

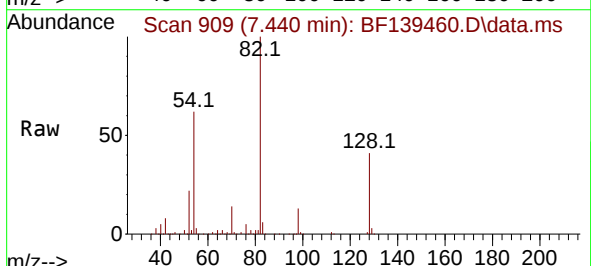
Instrument :
BNA_F
ClientSampleId :
PB163516BL



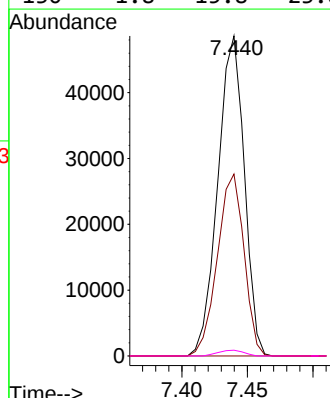
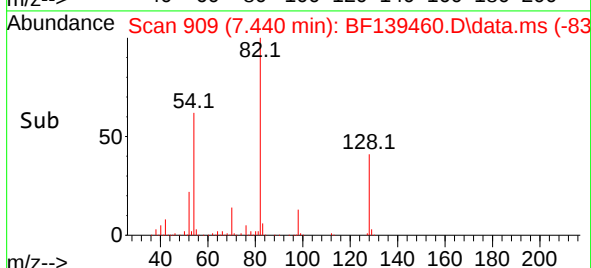
Tgt Ion: 99 Resp: 714220
Ion Ratio Lower Upper
99 100
42 25.1 21.9 32.9
71 40.1 34.6 52.0

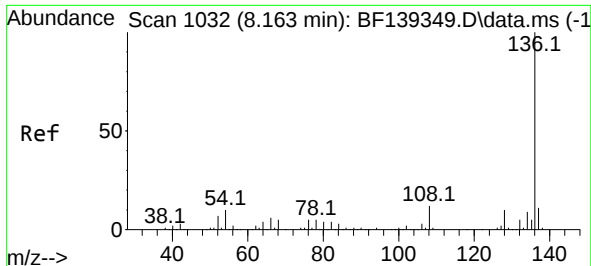


#19
n-Nitroso-di-n-propylamine
Concen: 16.789 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58



Tgt Ion: 70 Resp: 68225
Ion Ratio Lower Upper
70 100
42 56.9 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#

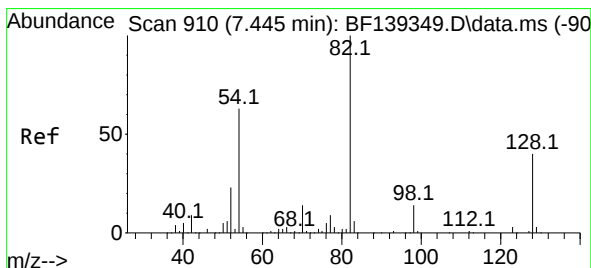
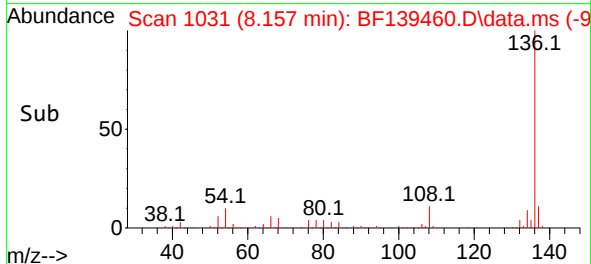
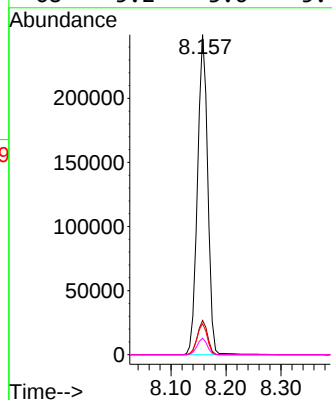
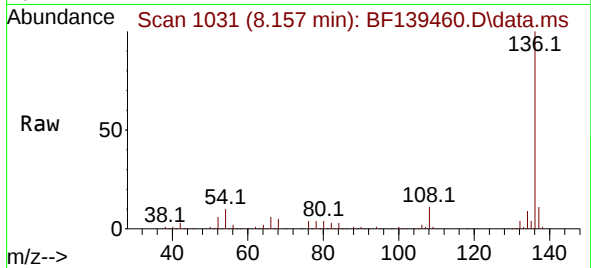




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

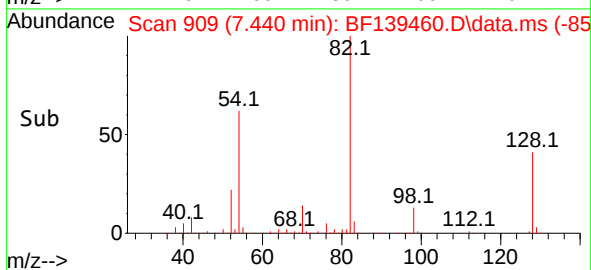
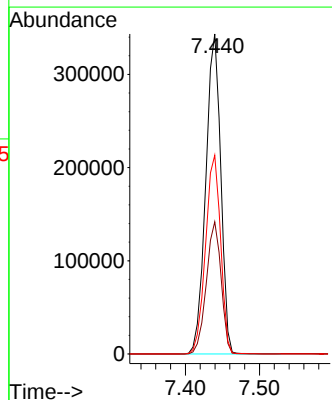
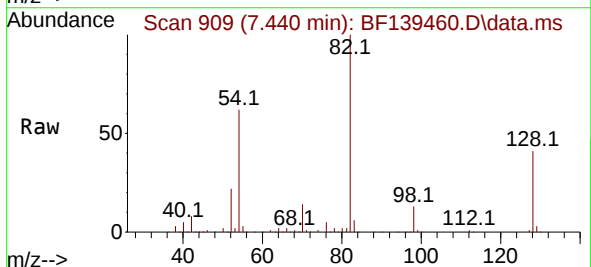
Instrument :
BNA_F
ClientSampleId :
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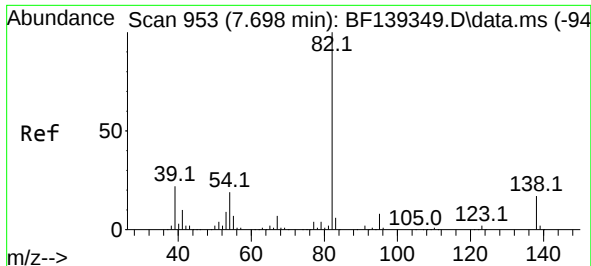
Tgt Ion:	136	Resp:	322325
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	9.7	7.8	11.8
68	5.2	3.6	5.4



#23
Nitrobenzene-d5
Concen: 70.529 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

Tgt Ion:	82	Resp:	483571
Ion Ratio	Lower	Upper	
82	100		
128	41.3	31.8	47.6
54	62.1	50.6	75.8

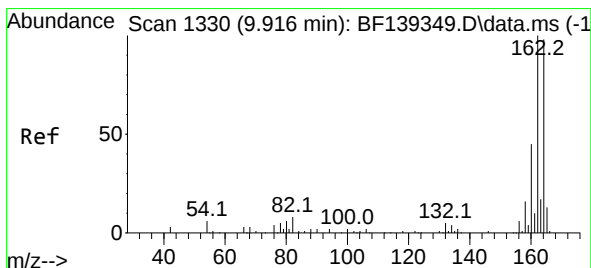
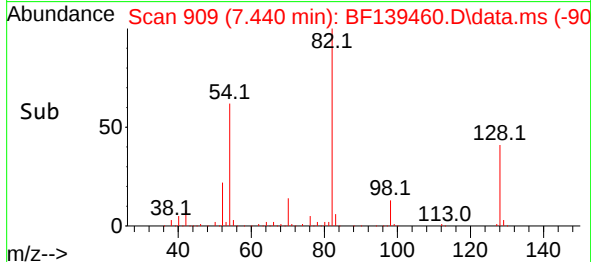
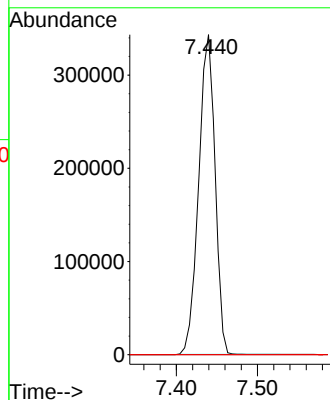
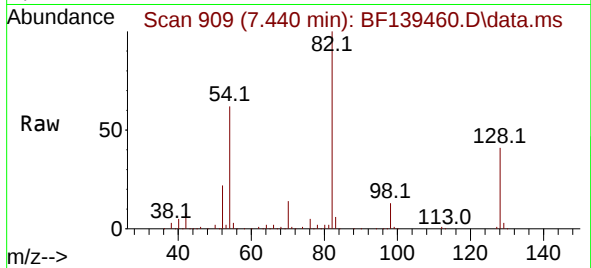




#25
Isophorone
Concen: 44.358 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

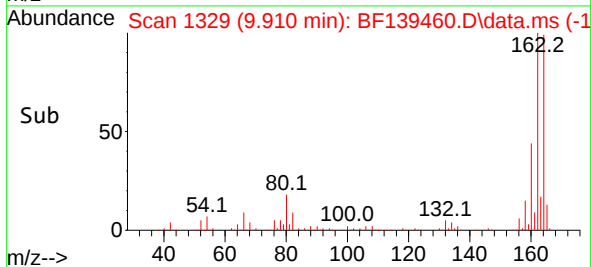
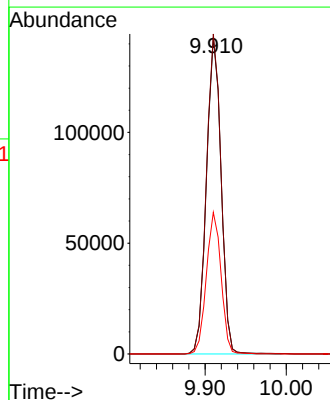
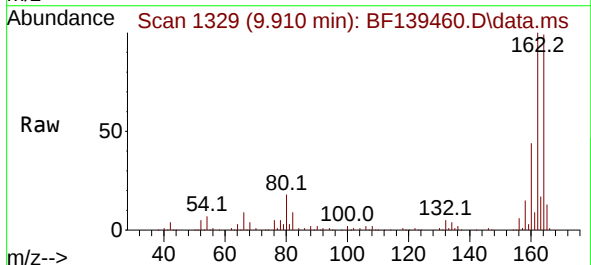
Instrument :
BNA_F
ClientSampleId :
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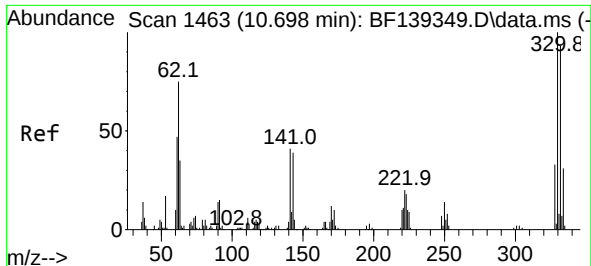
Tgt Ion: 82 Resp: 480992
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

Tgt Ion:164 Resp: 178814
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 44.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 95.526 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139460.D

Acq: 19 Sep 2024 12:58

Instrument :

BNA_F

ClientSampleId :

PB163516BL

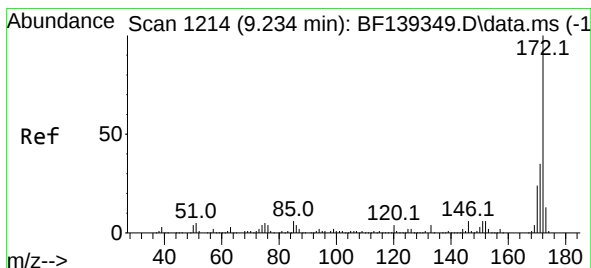
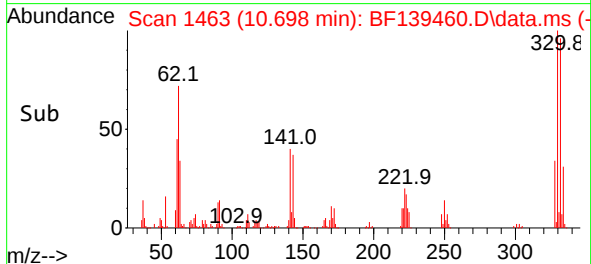
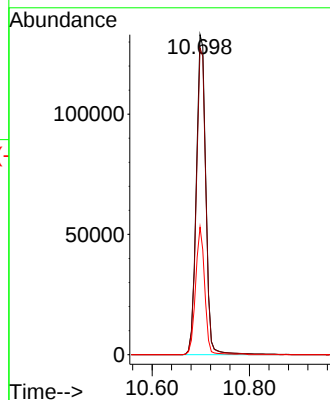
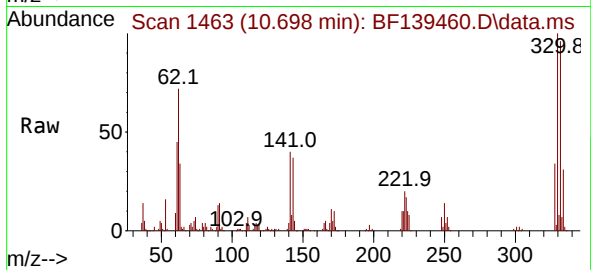
Tgt Ion:330 Resp: 181852

Ion Ratio Lower Upper

330 100

332 96.1 75.2 112.8

141 38.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.363 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139460.D

Acq: 19 Sep 2024 12:58

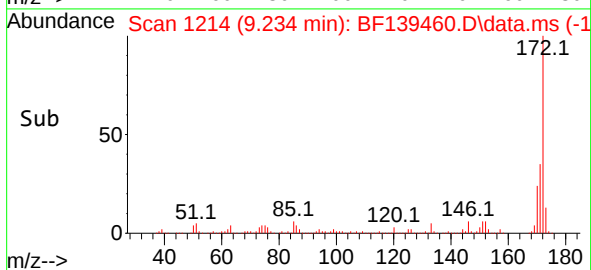
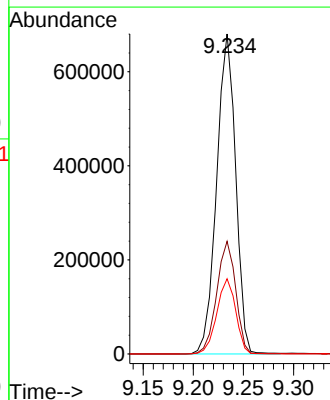
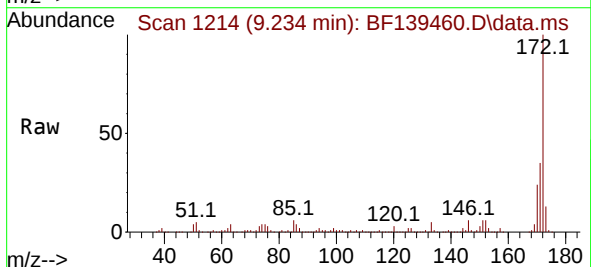
Tgt Ion:172 Resp: 897097

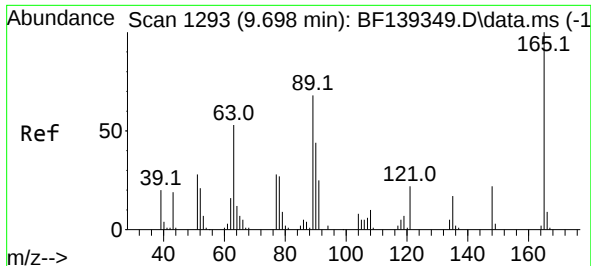
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.5 19.0 28.6

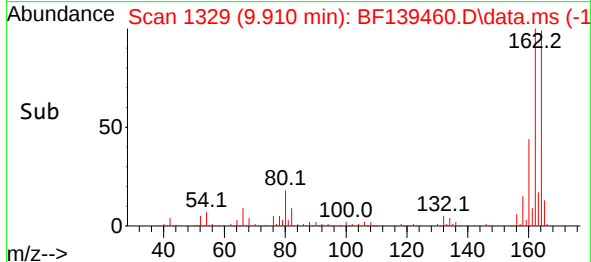
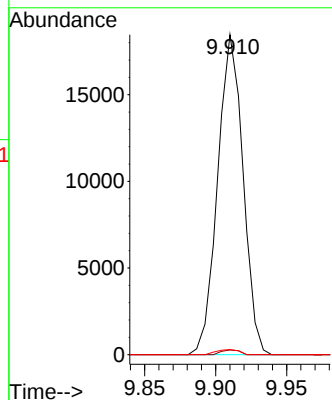
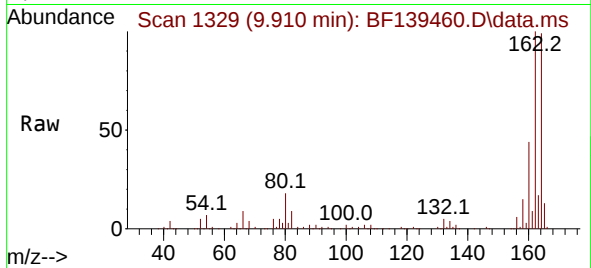




#51
2,6-Dinitrotoluene
Concen: 8.821 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

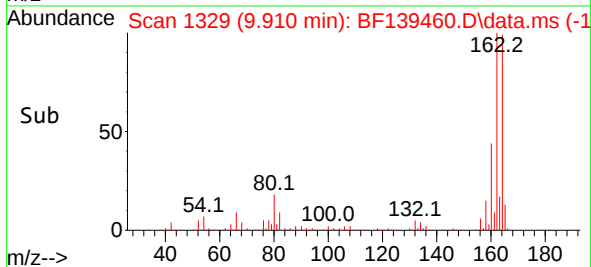
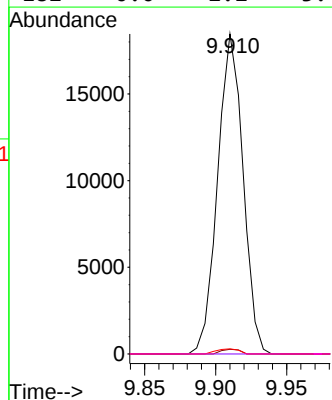
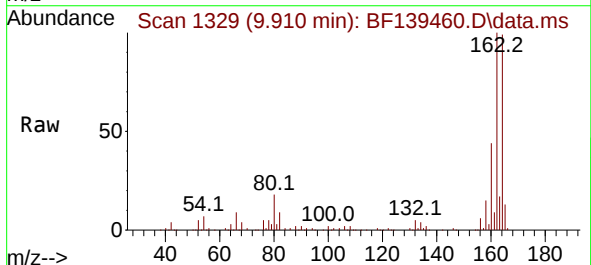
Instrument :
BNA_F
ClientSampleId :
PB163516BL

Tgt Ion:165 Resp: 22934
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: 6.534 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

Tgt Ion:165 Resp: 22934
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: 11.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139460.D

Acq: 19 Sep 2024 12:58

Instrument :

BNA_F

ClientSampleId :

PB163516BL

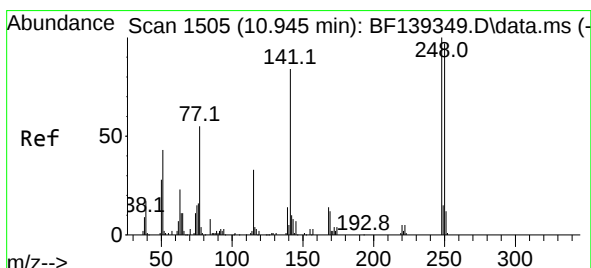
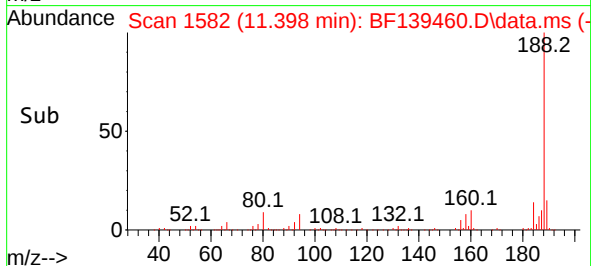
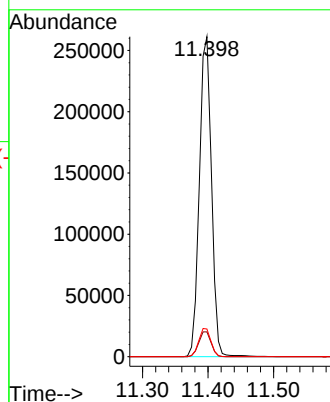
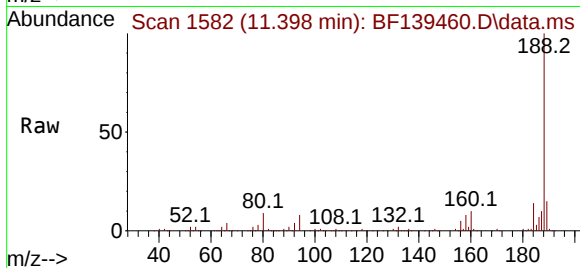
Tgt Ion:188 Resp: 336315

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

80 8.6 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.789 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139460.D

Acq: 19 Sep 2024 12:58

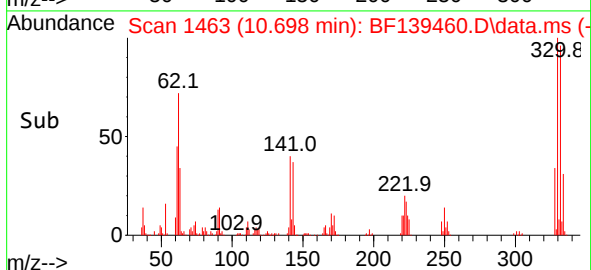
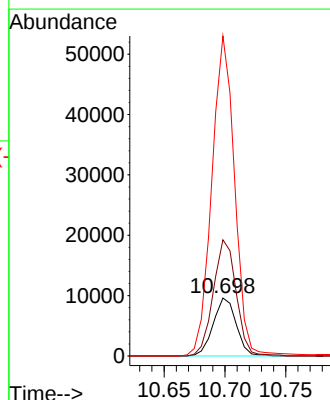
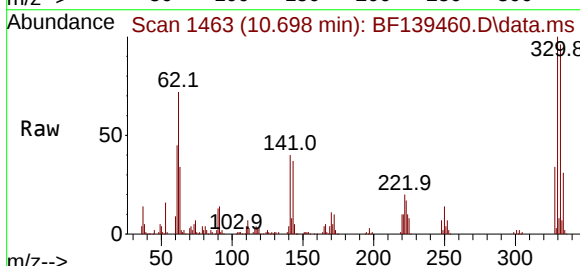
Tgt Ion:248 Resp: 12628

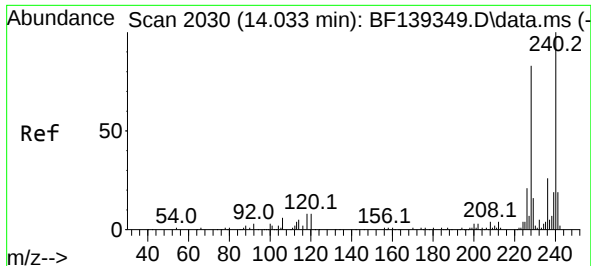
Ion Ratio Lower Upper

248 100

250 200.2 77.6 116.4#

141 551.8 66.9 100.3#

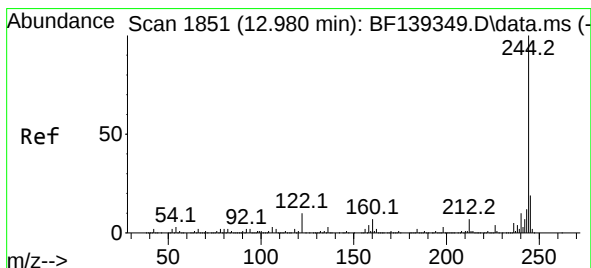
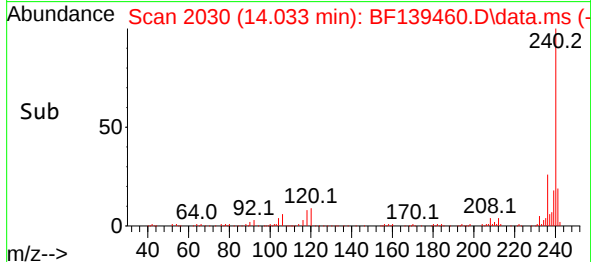
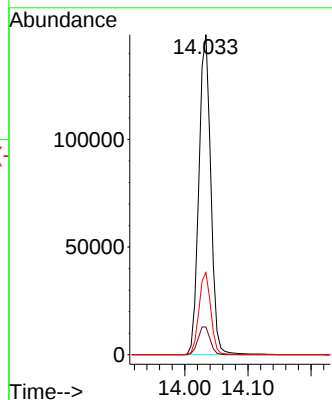
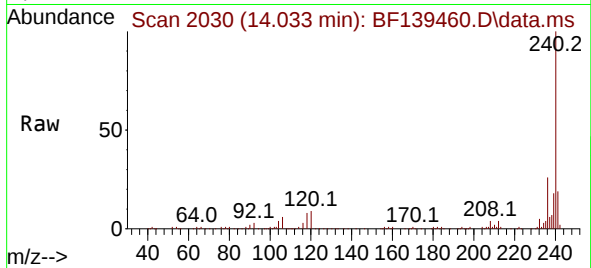




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

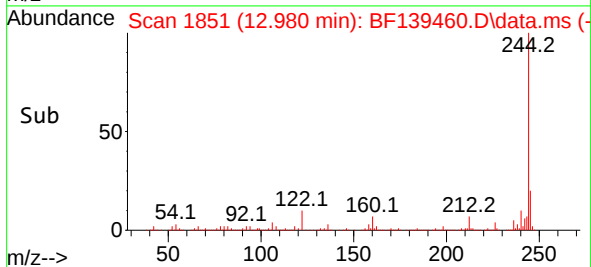
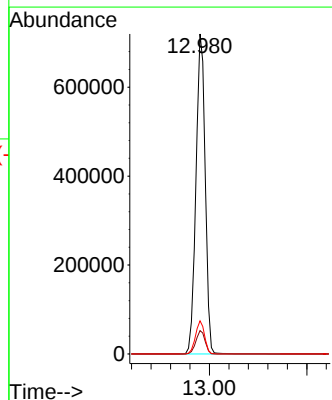
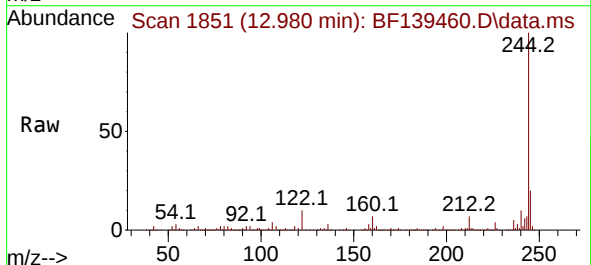
Instrument :
BNA_F
ClientSampleId :
PB163516BL

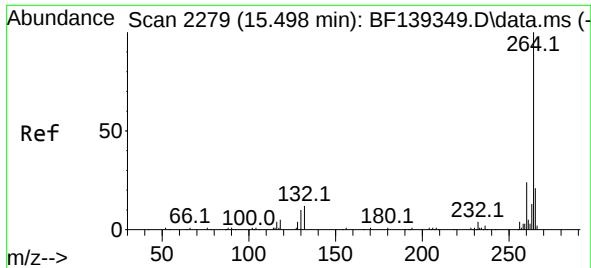
Tgt Ion:240 Resp: 193924
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.2
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 80.800 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

Tgt Ion:244 Resp: 954625
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.4 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

Instrument :
BNA_F
ClientSampleId :
PB163516BL

Tgt Ion:264 Resp: 157578

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.0	16.6	25.0

