

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139482.D
 Acq On : 20 Sep 2024 00:07
 Operator : RC/JU
 Sample : P4087-32
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-06

Quant Time: Sep 20 01:41:50 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)

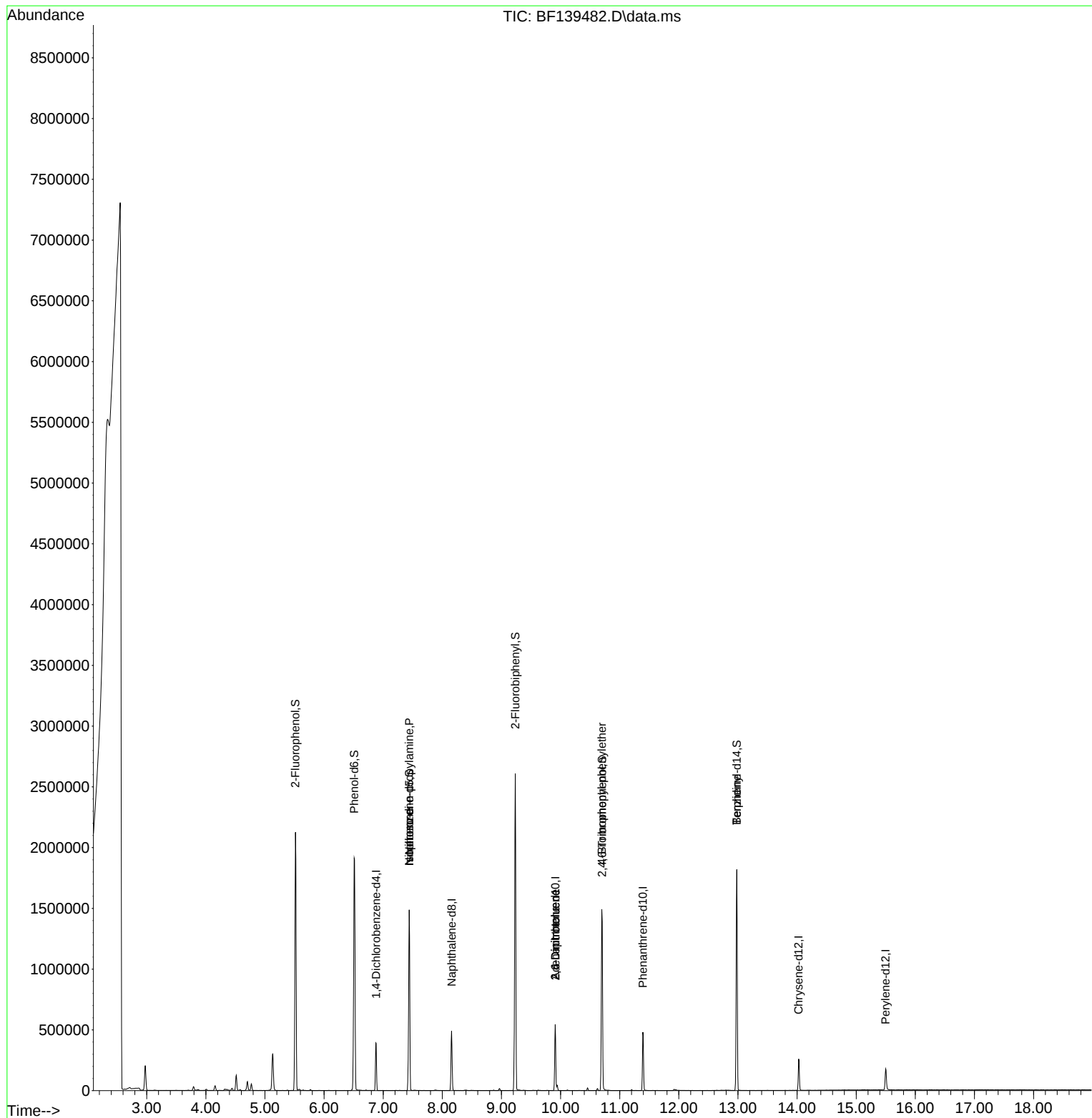
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	78138	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	290959	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	158102	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	256333	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	124550	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	106273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	740999	154.704	ng	0.02
7) Phenol-d6	6.510	99	923042	146.820	ng	0.00
23) Nitrobenzene-d5	7.439	82	652181	105.376	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	238247	141.545	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1174537	104.193	ng	0.00
79) Terphenyl-d14	12.980	244	873758	115.149	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	92297	24.774	ng	# 75
25) Isophorone	7.439	82	650929	66.502	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19864	8.641	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19864	6.400	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	16141	6.354	ng	# 1
77) Benzidine	12.980	184	12494	7.002	ng	# 94

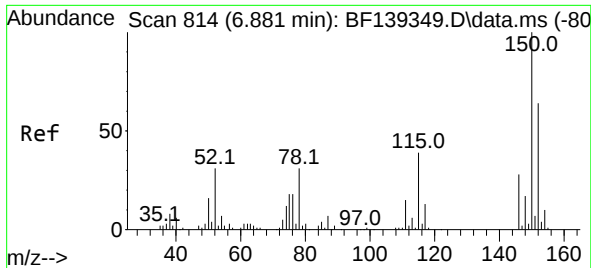
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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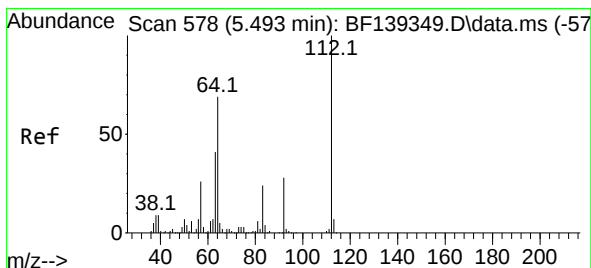
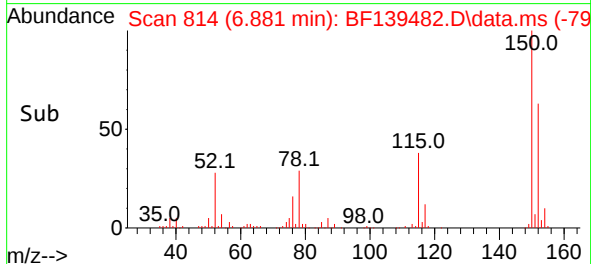
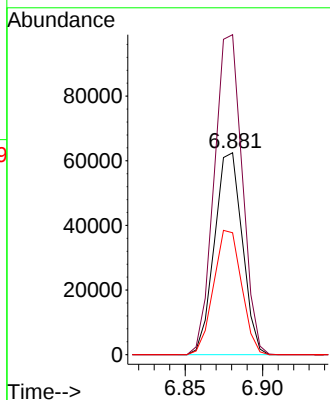
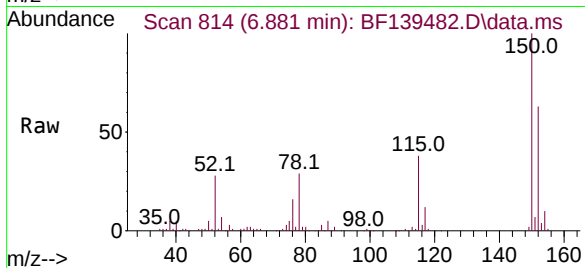




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

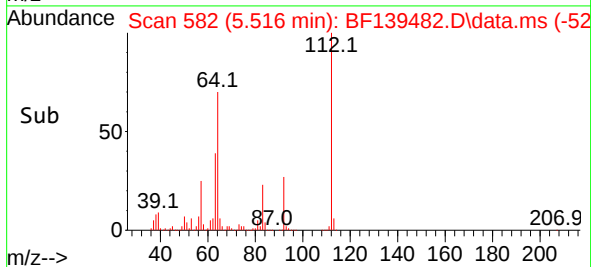
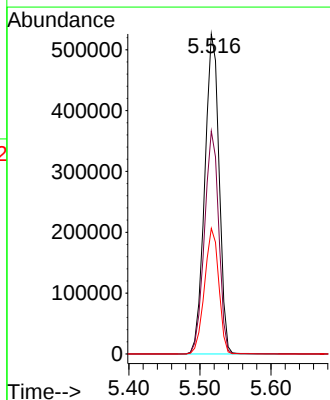
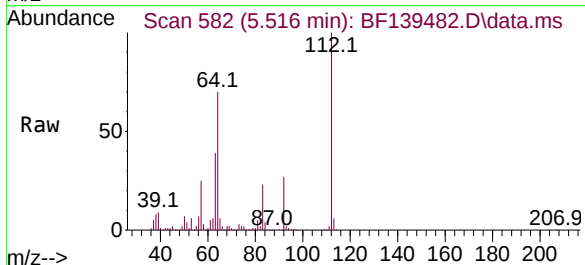
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

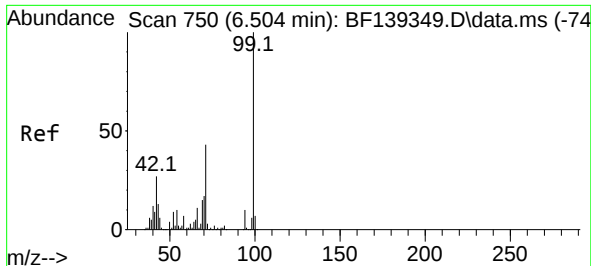
Tgt Ion:152 Resp: 78138
Ion Ratio Lower Upper
152 100
150 158.5 124.1 186.1
115 60.4 48.1 72.1



#5
2-Fluorophenol
Concen: 154.704 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

Tgt Ion:112 Resp: 740999
Ion Ratio Lower Upper
112 100
64 69.7 54.8 82.2
63 39.3 33.0 49.4

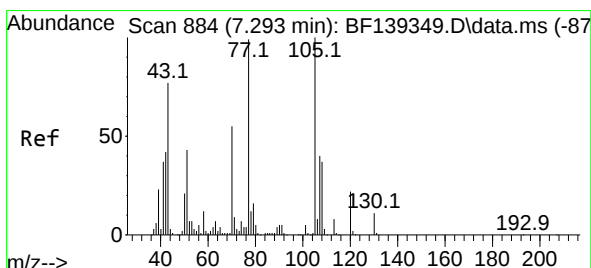
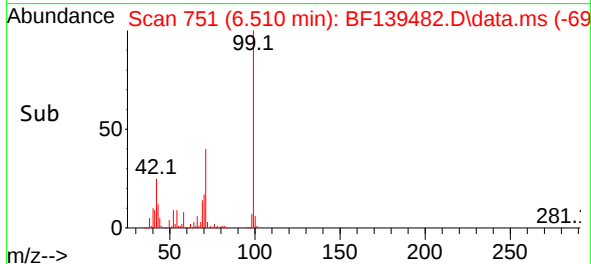
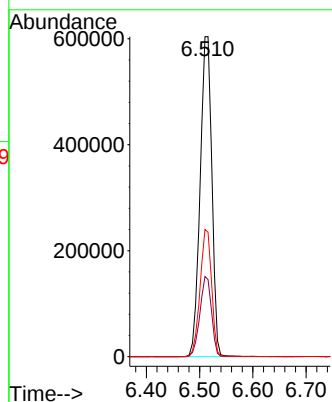
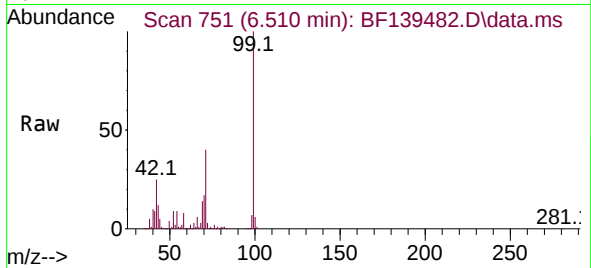




#7
Phenol-d6
Concen: 146.820 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

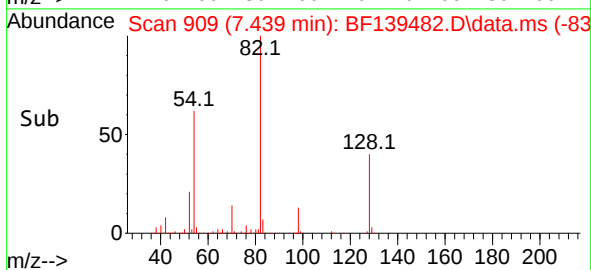
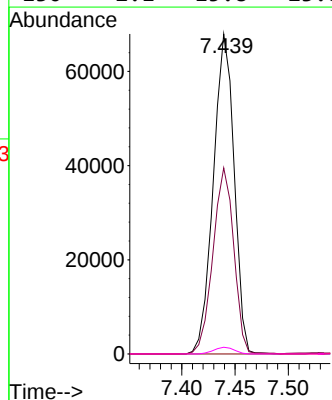
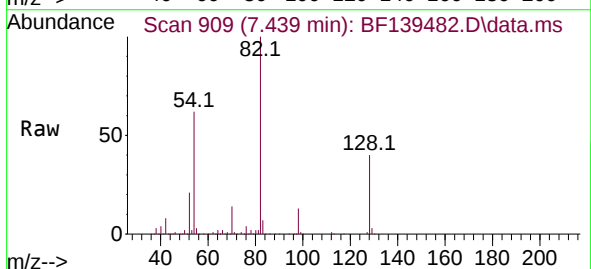
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

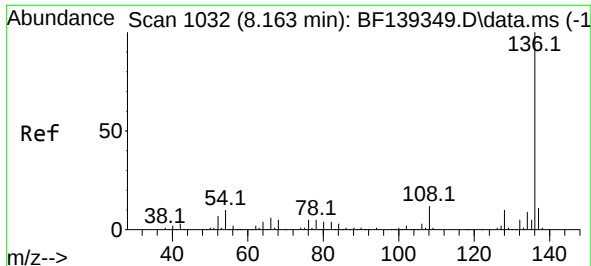
Tgt Ion: 99 Resp: 923042
Ion Ratio Lower Upper
99 100
42 25.0 21.9 32.9
71 39.7 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 24.774 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

Tgt Ion: 70 Resp: 92297
Ion Ratio Lower Upper
70 100
42 58.2 61.2 91.8#
101 0.0 7.5 11.3#
130 2.1 15.8 23.8#

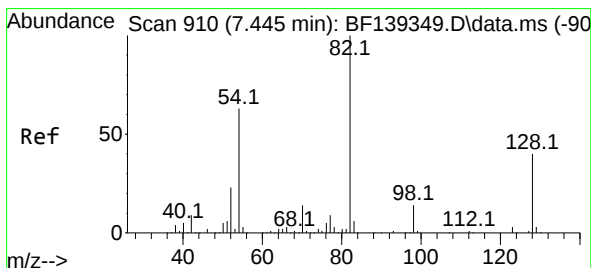
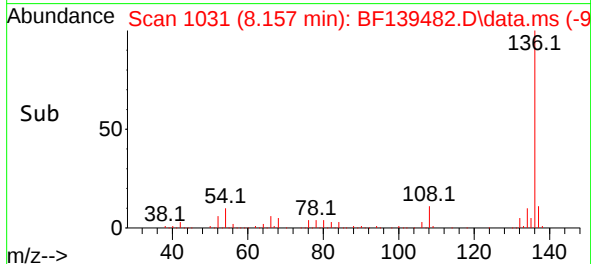
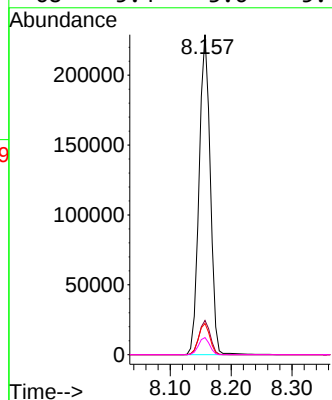
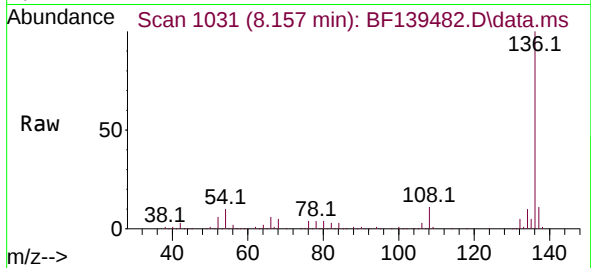




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

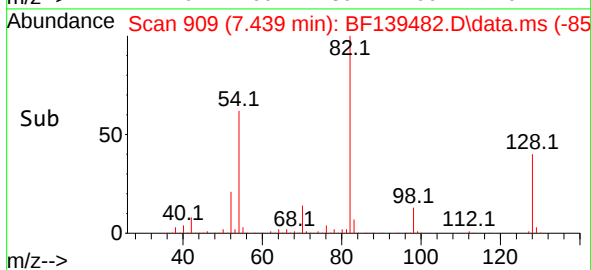
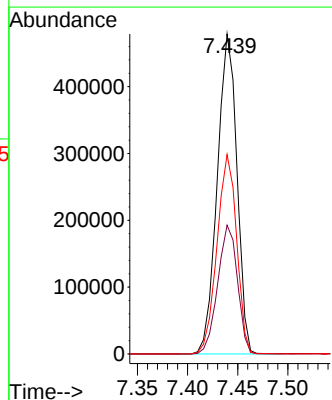
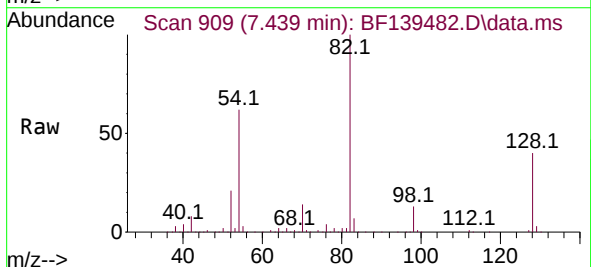
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

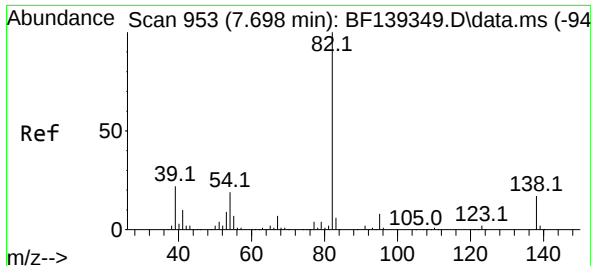
Tgt Ion:136	Resp: 290959
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 12.8
54 9.8	7.8 11.8
68 5.4	3.6 5.4



#23
Nitrobenzene-d5
Concen: 105.376 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

Tgt Ion: 82	Resp: 652181
Ion Ratio	Lower Upper
82 100	
128 40.3	31.8 47.6
54 62.3	50.6 75.8

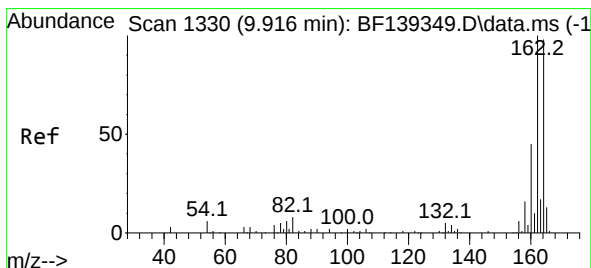
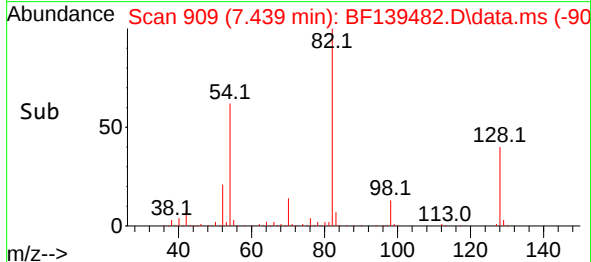
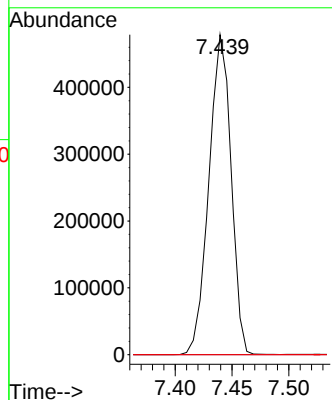
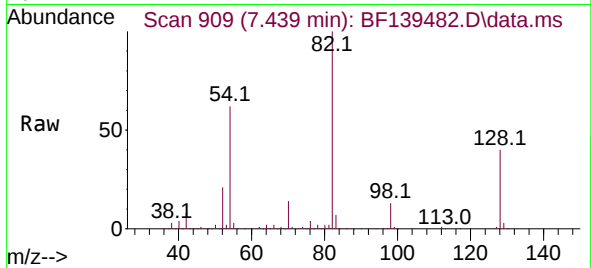




#25
Isophorone
Concen: 66.502 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

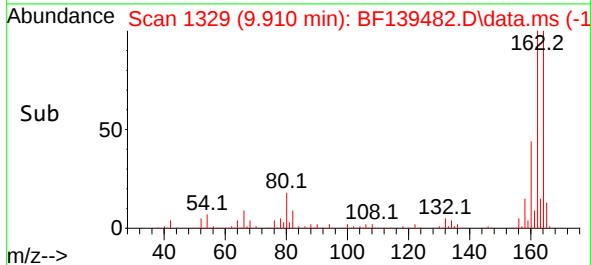
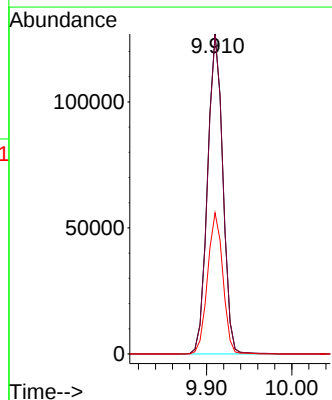
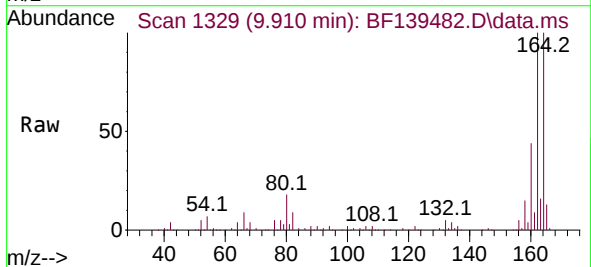
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

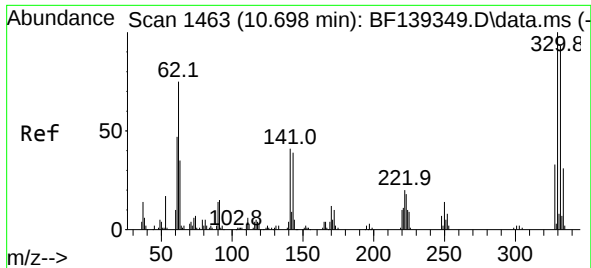
Tgt Ion: 82 Resp: 650929
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

Tgt Ion:164 Resp: 158102
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 44.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 141.545 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139482.D

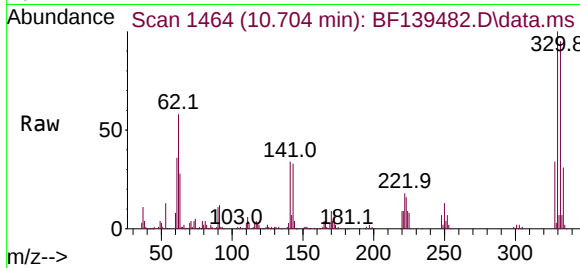
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Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-06



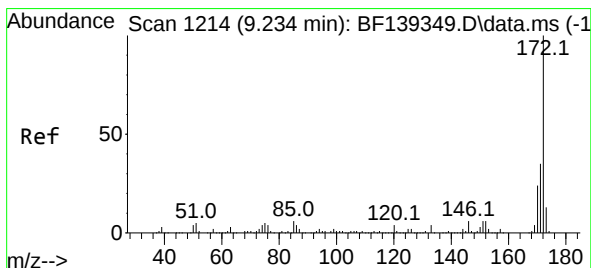
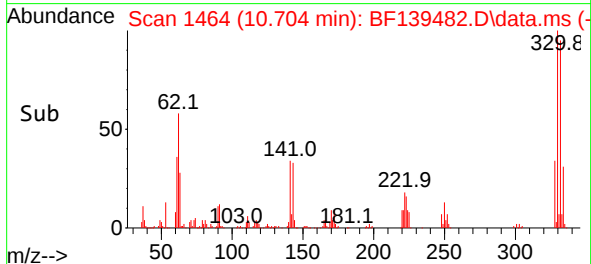
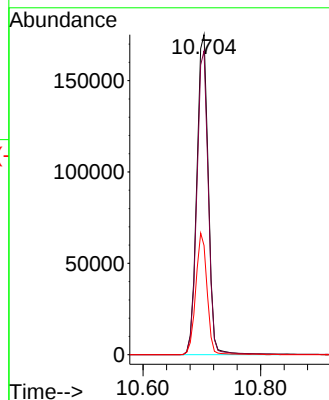
Tgt Ion:330 Resp: 238247

Ion Ratio Lower Upper

330 100

332 94.6 75.2 112.8

141 37.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 104.193 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139482.D

Acq: 20 Sep 2024 00:07

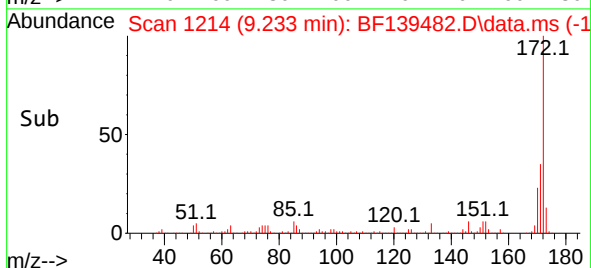
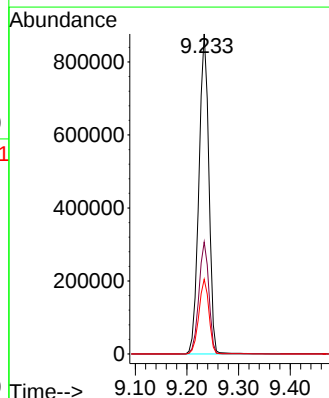
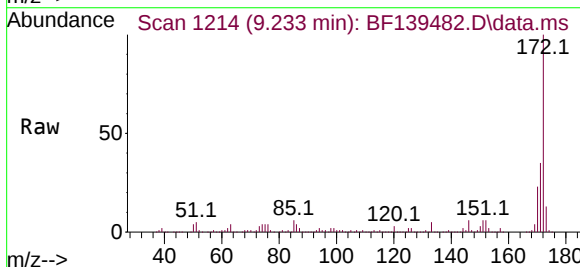
Tgt Ion:172 Resp: 1174537

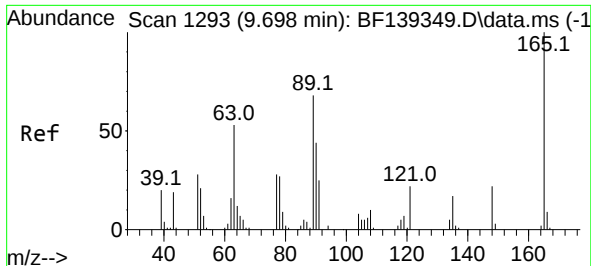
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6

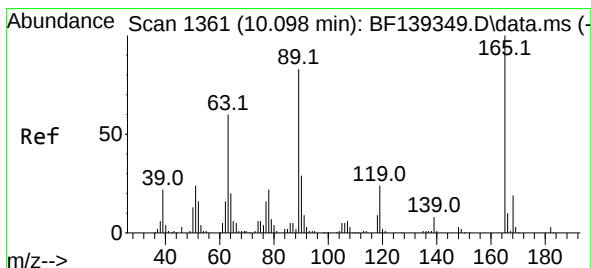
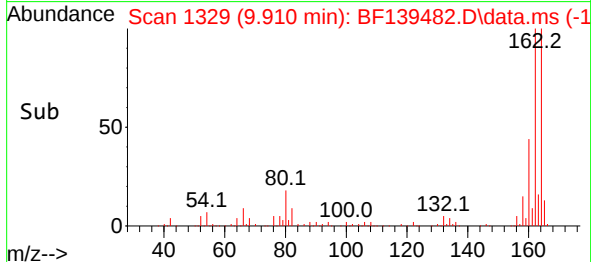
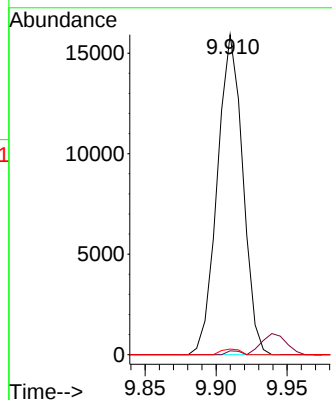
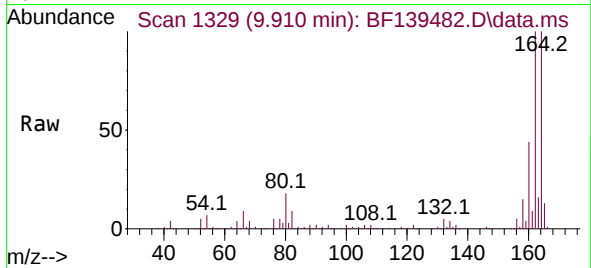




#51
2,6-Dinitrotoluene
Concen: 8.641 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

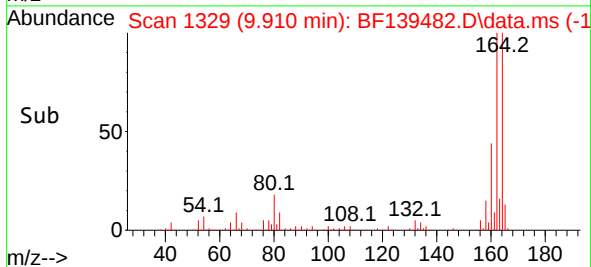
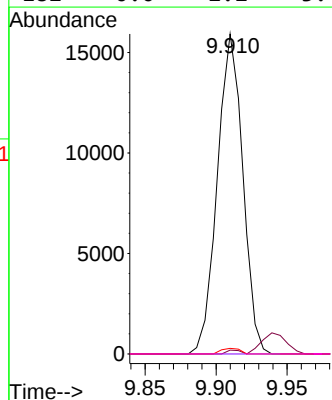
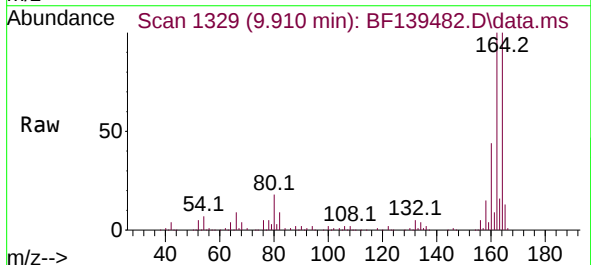
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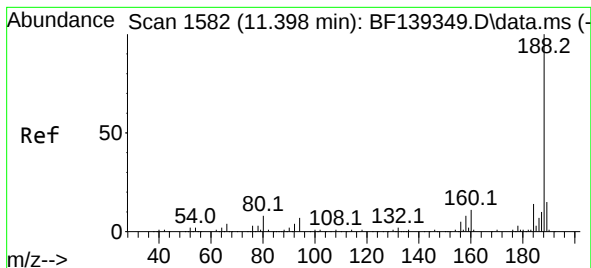
Tgt Ion:165 Resp: 19864
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 1.7 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.400 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

Tgt Ion:165 Resp: 19864
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 1.7 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139482.D

Acq: 20 Sep 2024 00:07

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-06

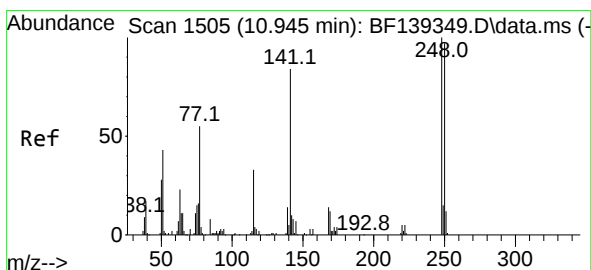
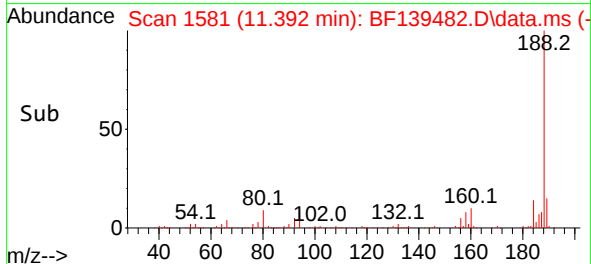
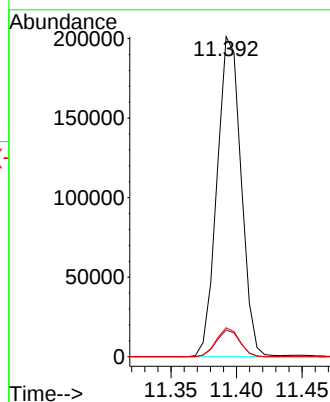
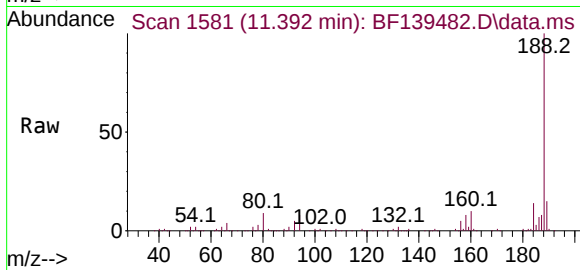
Tgt Ion:188 Resp: 256333

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.0 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 6.354 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139482.D

Acq: 20 Sep 2024 00:07

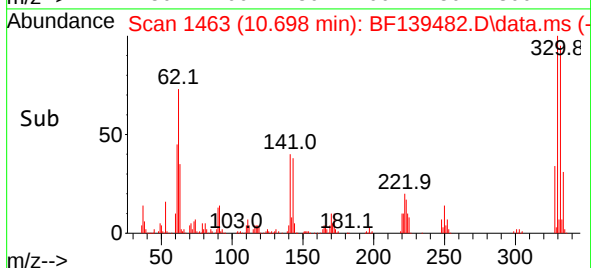
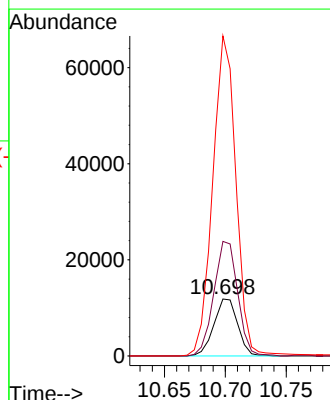
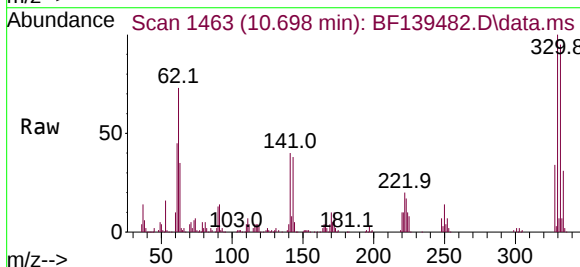
Tgt Ion:248 Resp: 16141

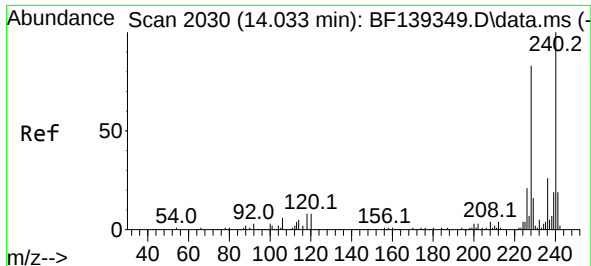
Ion Ratio Lower Upper

248 100

250 201.5 77.6 116.4#

141 562.5 66.9 100.3#

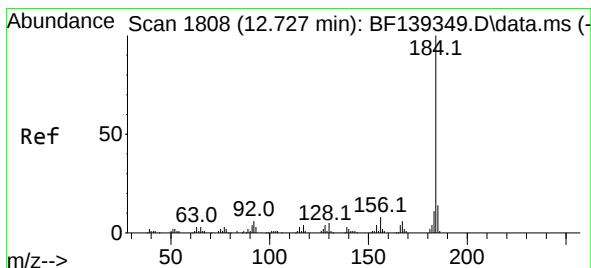
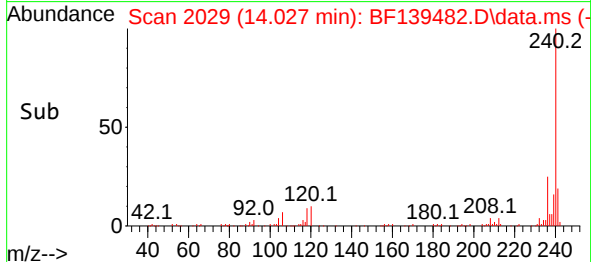
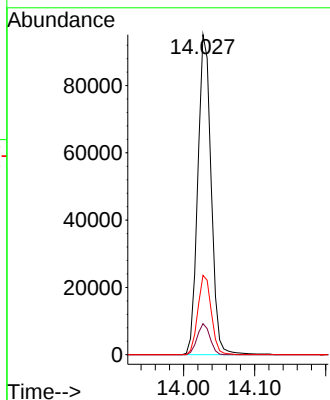
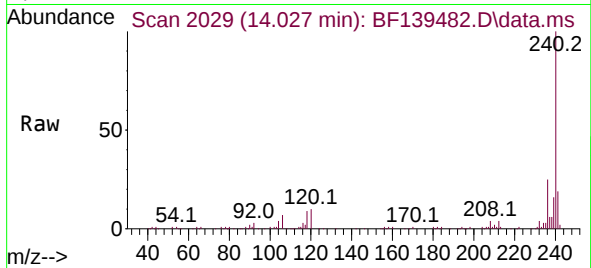




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

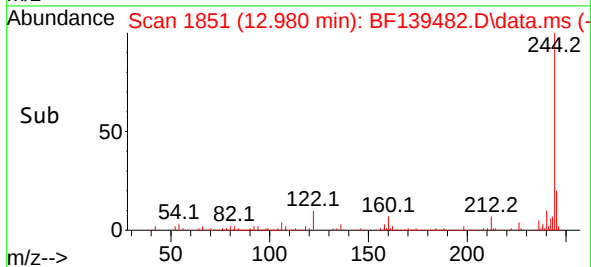
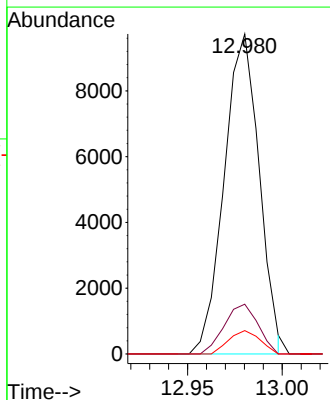
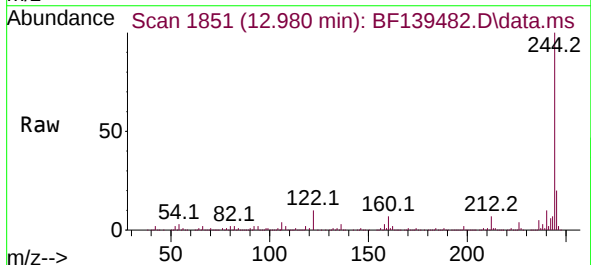
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

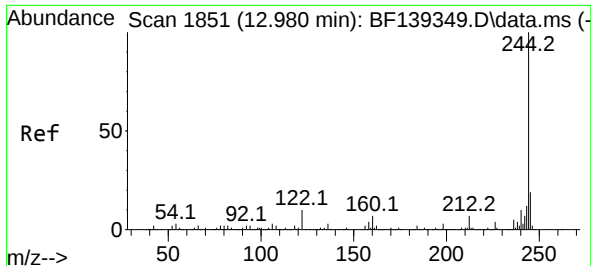
Tgt Ion:240 Resp: 124550
Ion Ratio Lower Upper
240 100
120 9.7 6.2 9.2#
236 24.8 20.9 31.3



#77
Benzidine
Concen: 7.002 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139482.D
Acq: 20 Sep 2024 00:07

Tgt Ion:184 Resp: 12494
Ion Ratio Lower Upper
184 100
185 15.5 11.5 17.3
183 7.3 8.9 13.3#

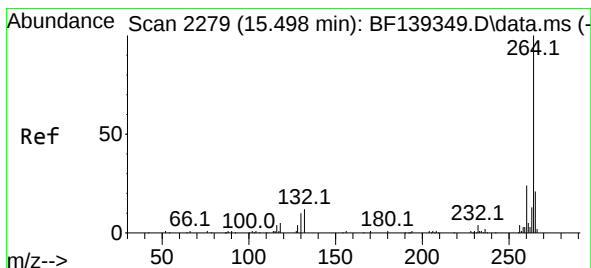
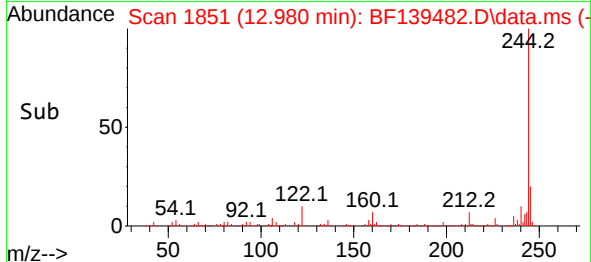
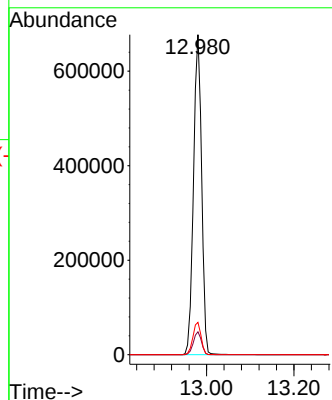
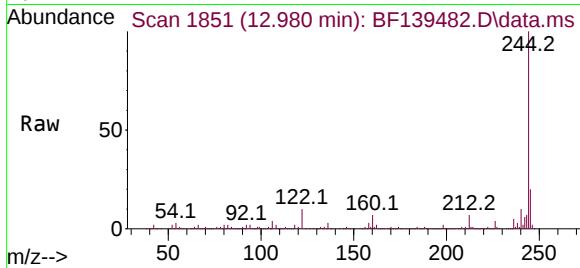




#79
 Terphenyl-d14
 Concen: 115.149 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139482.D
 Acq: 20 Sep 2024 00:07

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-06

Tgt Ion:244 Resp: 873758
 Ion Ratio Lower Upper
 244 100
 212 7.2 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: BF139482.D
 Acq: 20 Sep 2024 00:07

Tgt Ion:264 Resp: 106273
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.1 16.6 25.0

