

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139483.D
 Acq On : 20 Sep 2024 00:36
 Operator : RC/JU
 Sample : P4088-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-07

Quant Time: Sep 20 01:42:08 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)

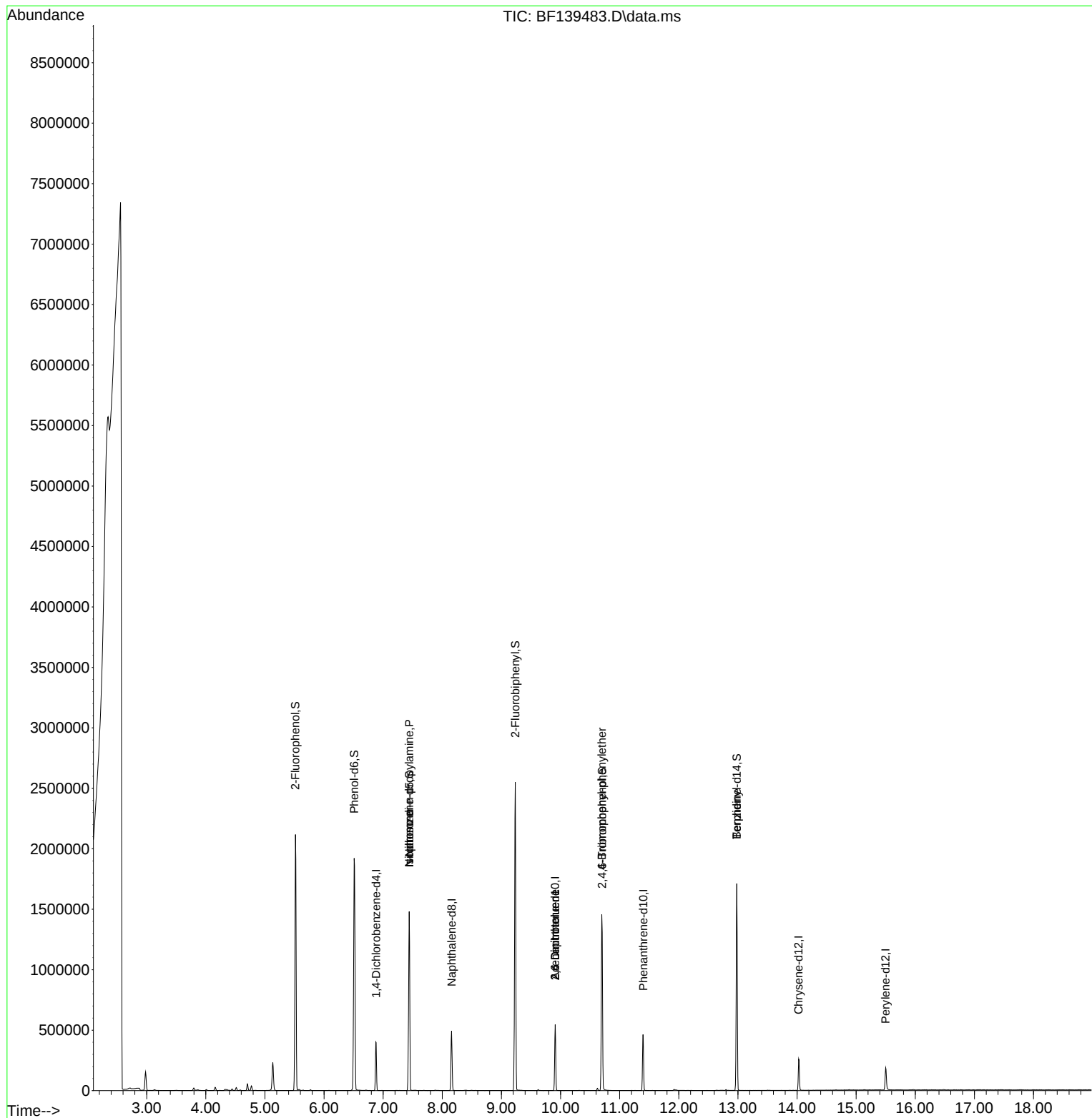
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	80791	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	297776	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	160031	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	255254	20.000	ng	0.00
76) Chrysene-d12	14.027	240	126749	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	112829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	732200	147.847	ng	0.02
7) Phenol-d6	6.510	99	919874	141.511	ng	0.00
23) Nitrobenzene-d5	7.440	82	645392	101.891	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	228418	134.070	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1149737	100.764	ng	0.00
79) Terphenyl-d14	12.980	244	816831	105.779	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	91980	23.878	ng	# 73
25) Isophorone	7.440	82	643803	64.268	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	20302	8.725	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	20302	6.463	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	16051	6.346	ng	# 1
77) Benzidine	12.980	184	11644	6.412	ng	# 94

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

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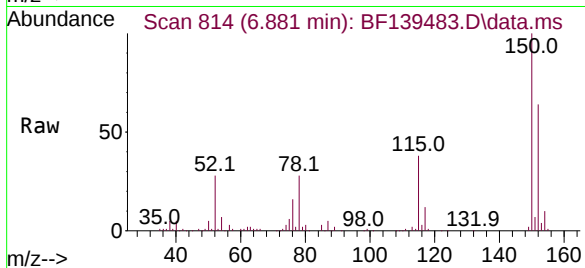
Quant Time: Sep 20 01:42:08 2024
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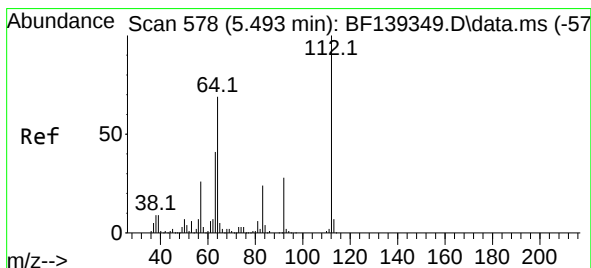
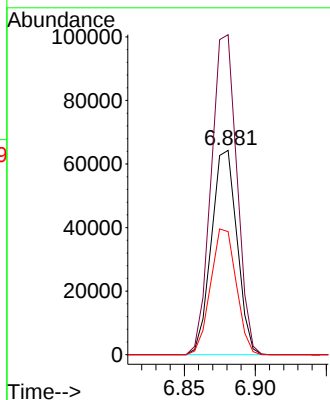
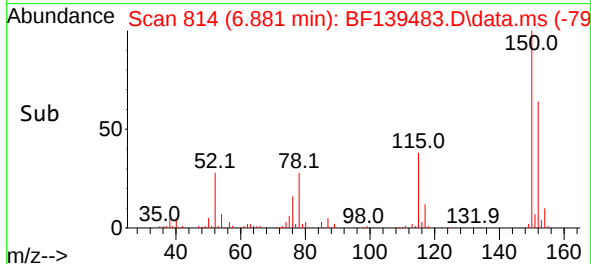


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

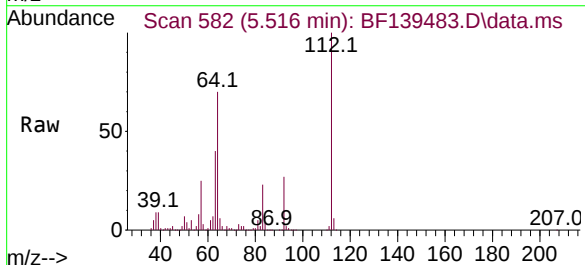
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-07



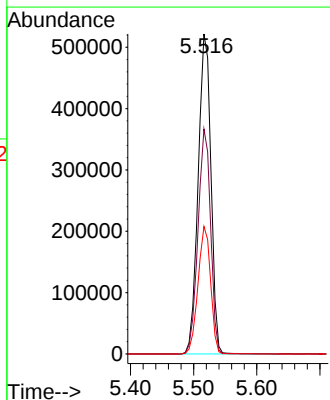
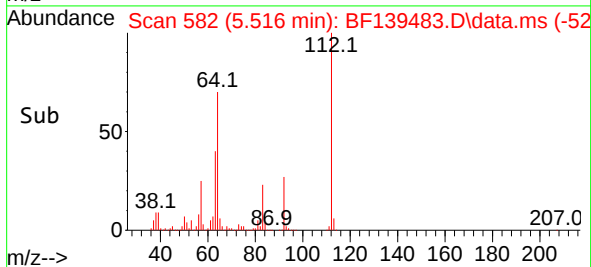
Tgt Ion:152 Resp: 80791
Ion Ratio Lower Upper
152 100
150 156.6 124.1 186.1
115 60.2 48.1 72.1



#5
2-Fluorophenol
Concen: 147.847 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36



Tgt Ion:112 Resp: 732200
Ion Ratio Lower Upper
112 100
64 70.3 54.8 82.2
63 39.9 33.0 49.4

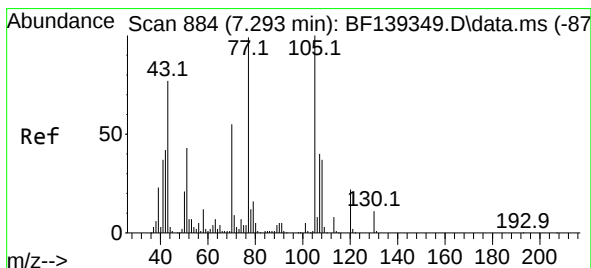
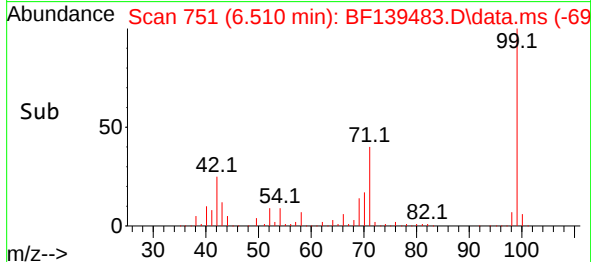
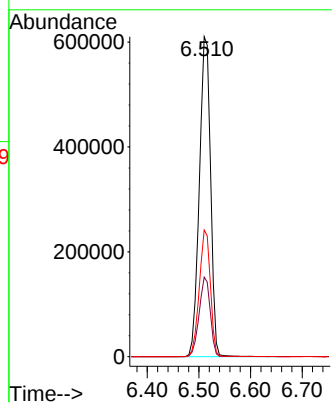
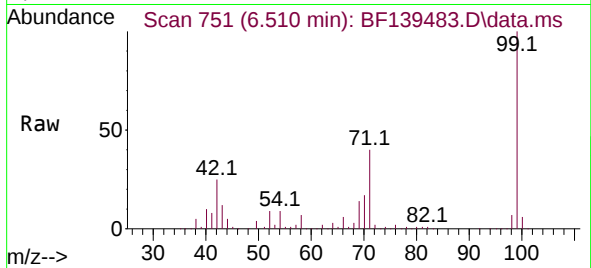




#7
Phenol-d6
Concen: 141.511 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

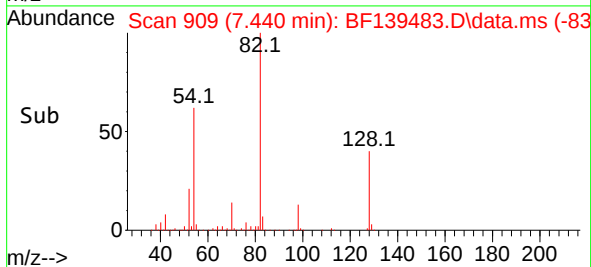
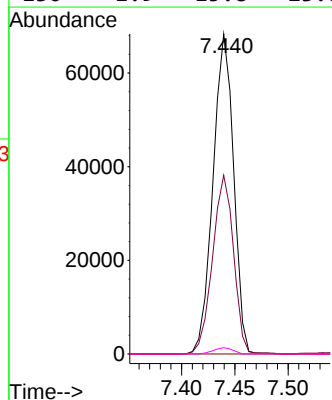
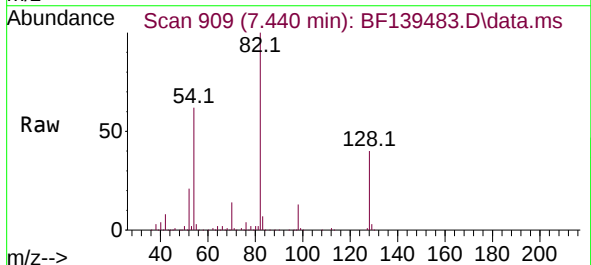
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-07

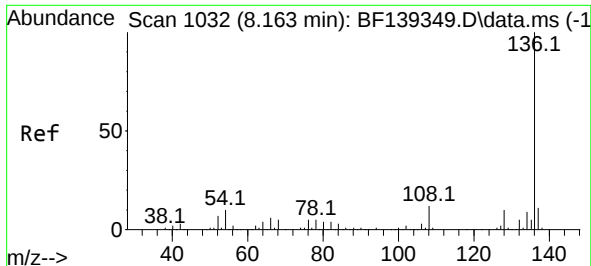
Tgt Ion: 99 Resp: 919874
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.6 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 23.878 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

Tgt Ion: 70 Resp: 91980
Ion Ratio Lower Upper
70 100
42 55.9 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#

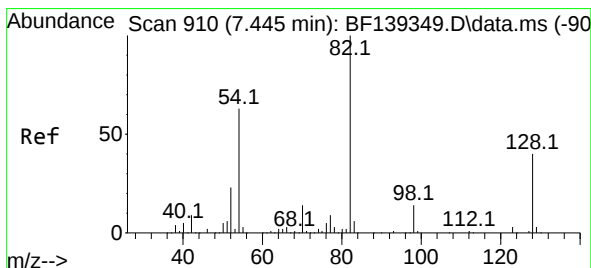
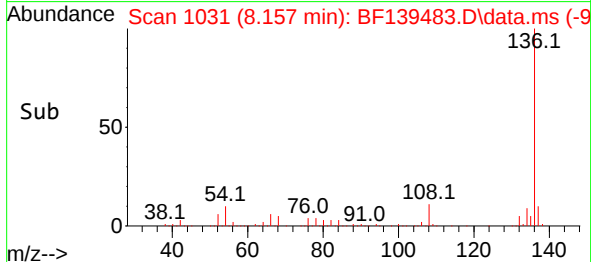
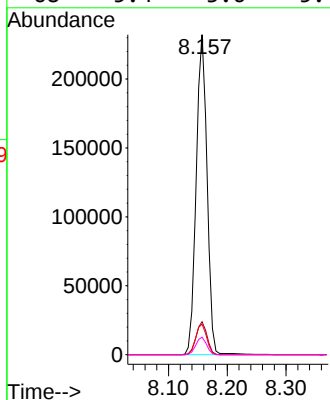
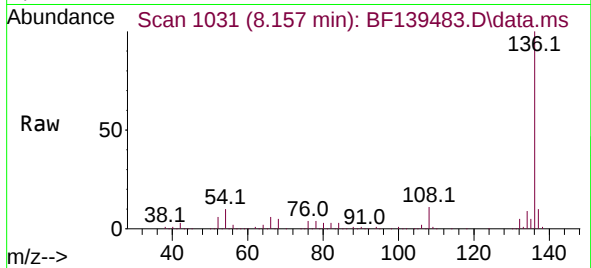




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

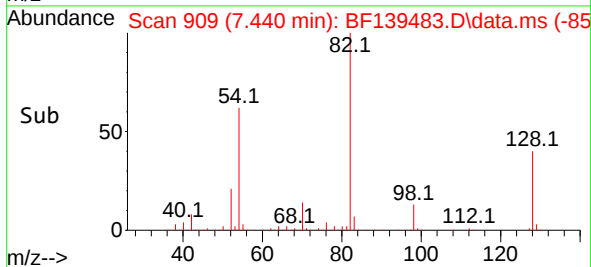
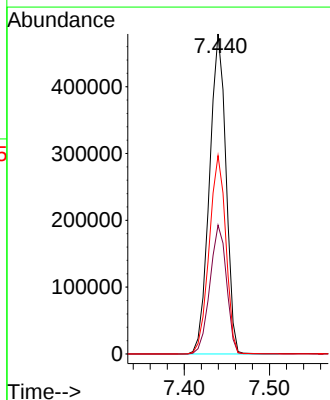
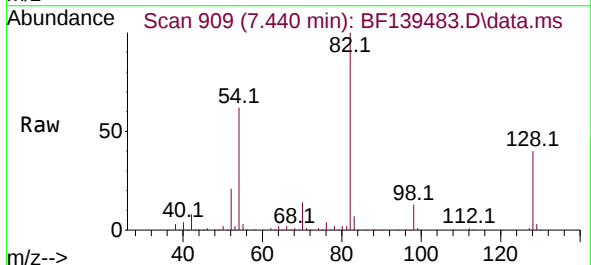
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-07

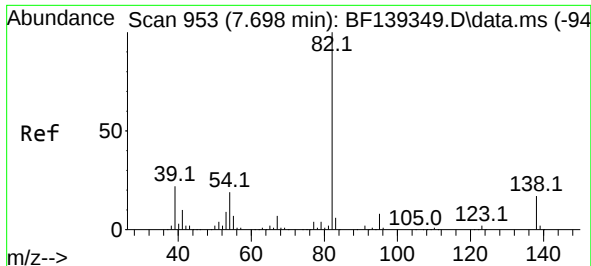
Tgt Ion:	136	Resp:	297776
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	9.6	7.8	11.8
68	5.4	3.6	5.4



#23
Nitrobenzene-d5
Concen: 101.891 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

Tgt Ion:	82	Resp:	645392
Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.8	47.6
54	62.0	50.6	75.8

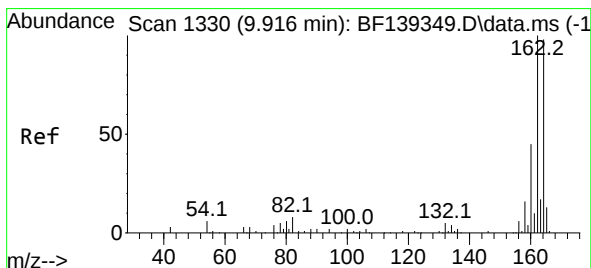
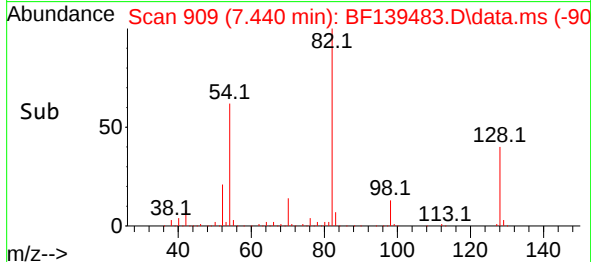
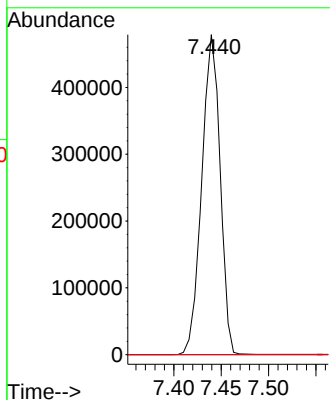
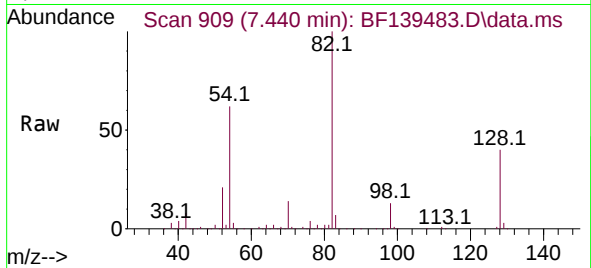




#25
Isophorone
Concen: 64.268 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

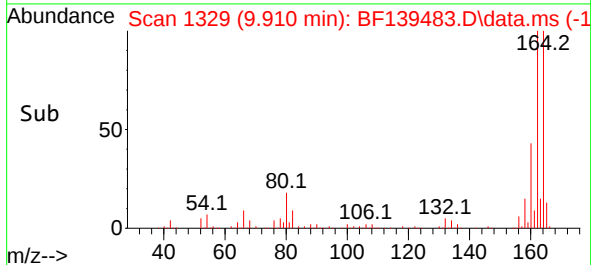
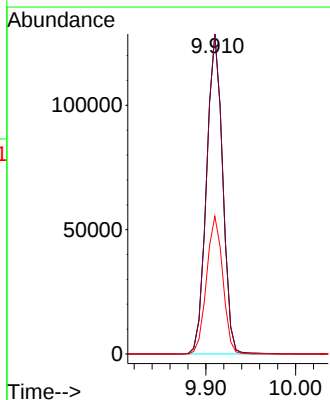
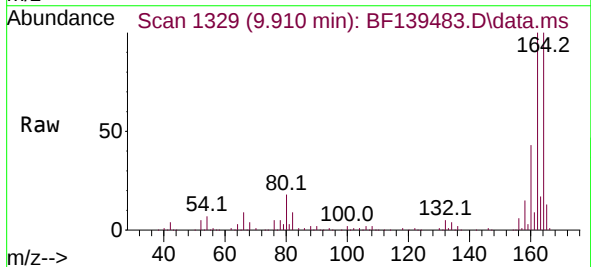
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-07

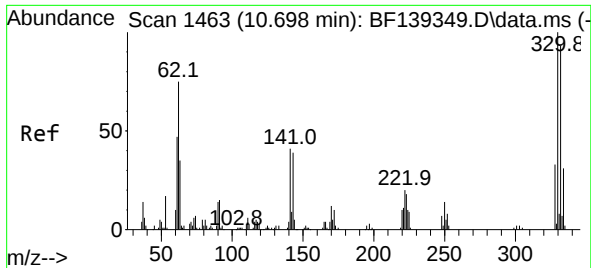
Tgt Ion: 82 Resp: 643803
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

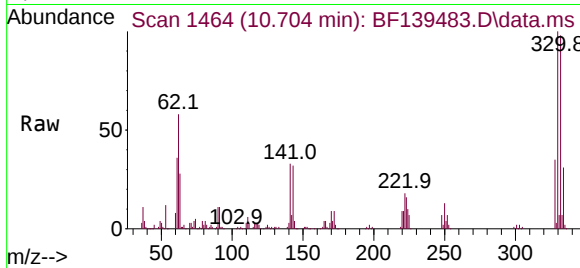
Tgt Ion:164 Resp: 160031
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 43.1 36.4 54.6



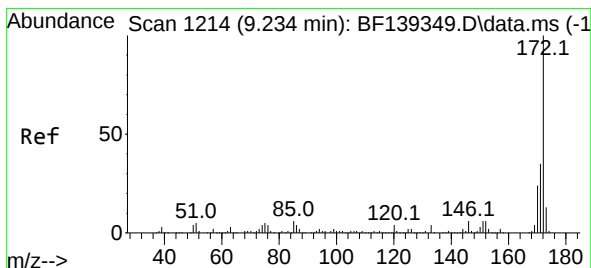
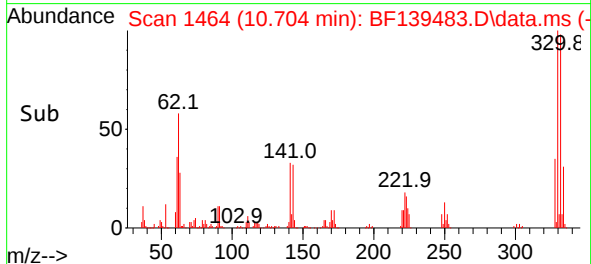
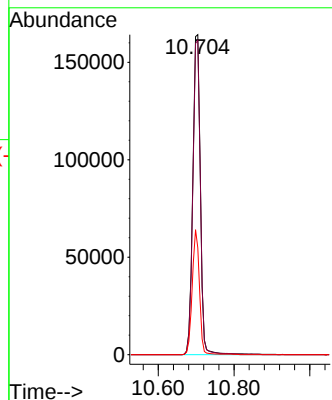


#42
2,4,6-Tribromophenol
Concen: 134.070 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-07

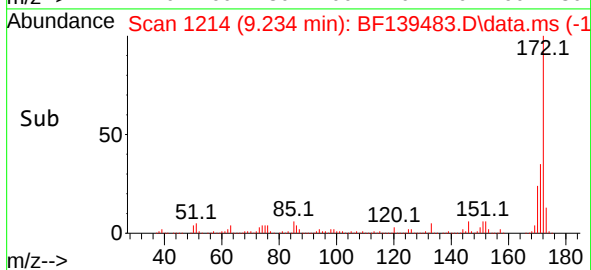
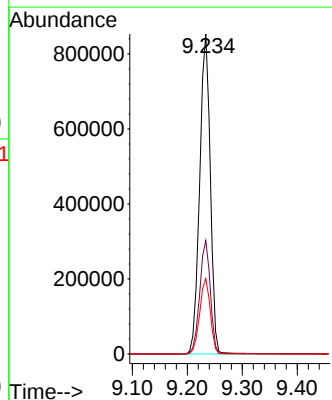
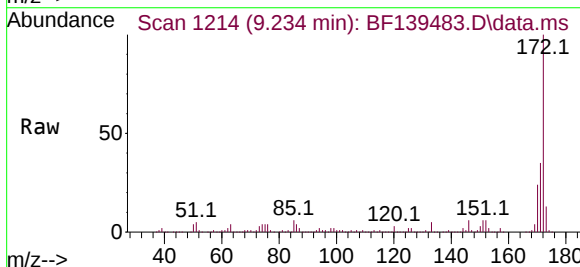


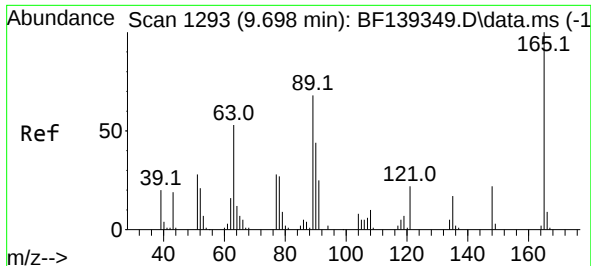
Tgt Ion:330 Resp: 228418
Ion Ratio Lower Upper
330 100
332 97.2 75.2 112.8
141 37.1 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 100.764 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

Tgt Ion:172 Resp: 1149737
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 19.0 28.6

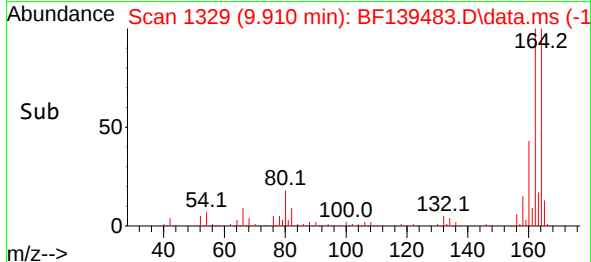
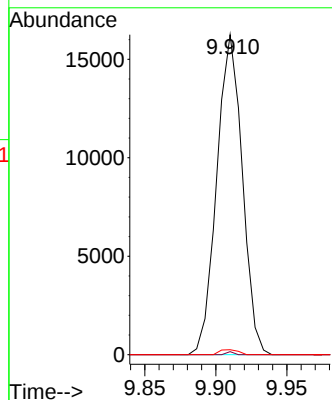
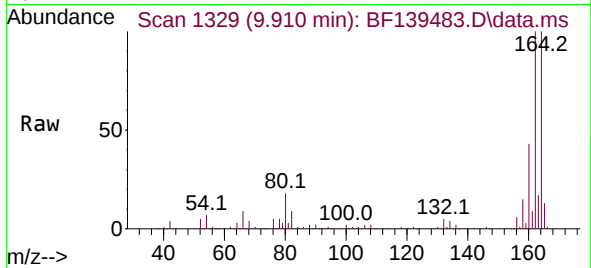




#51
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

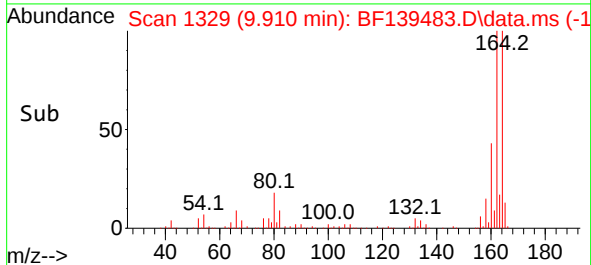
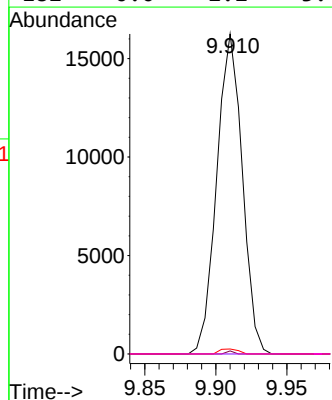
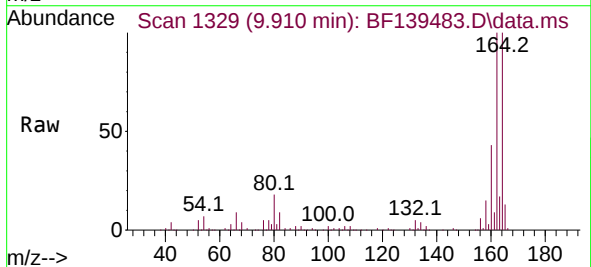
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-07

Tgt Ion:165 Resp: 20302
Ion Ratio Lower Upper
165 100
63 1.0 60.9 91.3#
89 1.6 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.463 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139483.D
Acq: 20 Sep 2024 00:36

Tgt Ion:165 Resp: 20302
Ion Ratio Lower Upper
165 100
63 1.0 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: BF139483.D

Acq: 20 Sep 2024 00:36

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-07

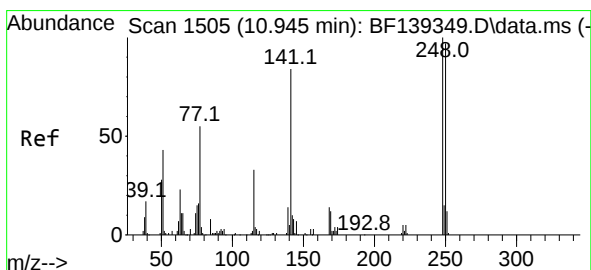
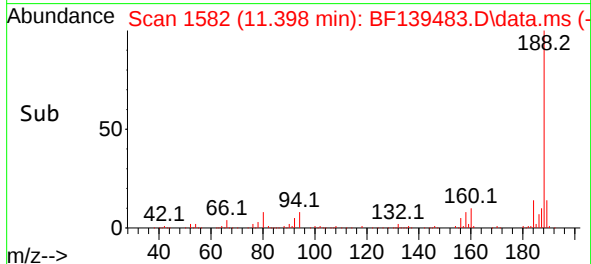
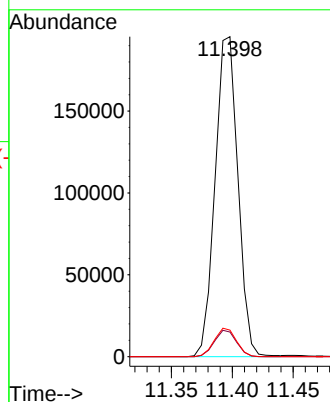
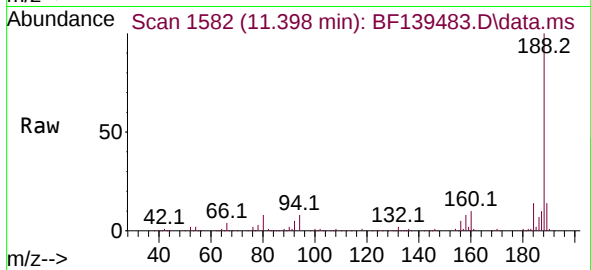
Tgt Ion:188 Resp: 255254

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

80 8.3 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 6.346 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139483.D

Acq: 20 Sep 2024 00:36

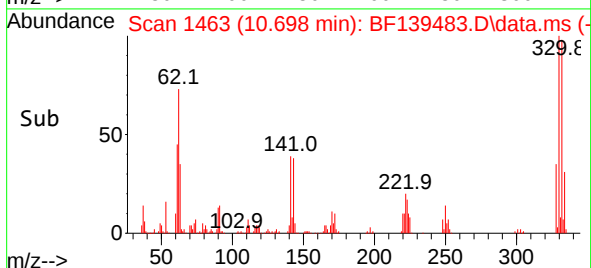
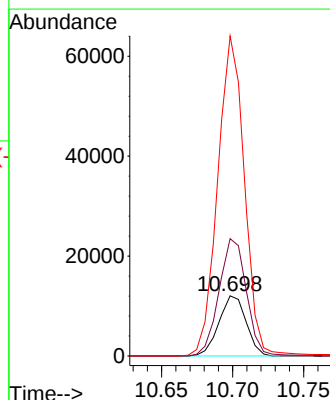
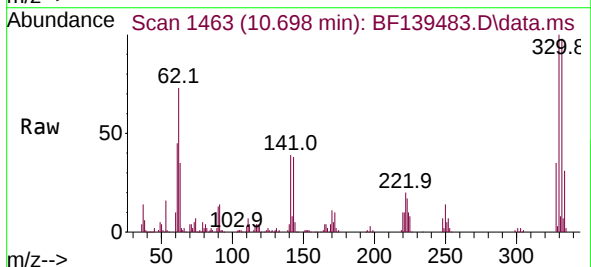
Tgt Ion:248 Resp: 16051

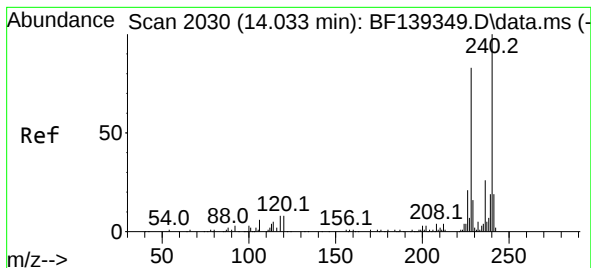
Ion Ratio Lower Upper

248 100

250 194.8 77.6 116.4#

141 531.6 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: BF139483.D

Acq: 20 Sep 2024 00:36

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-07

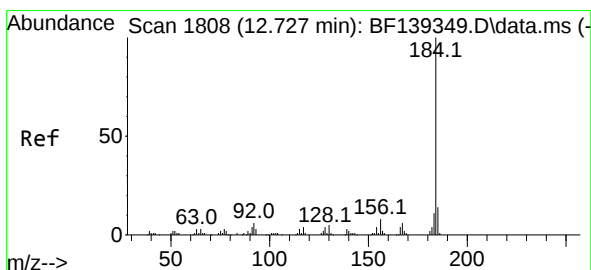
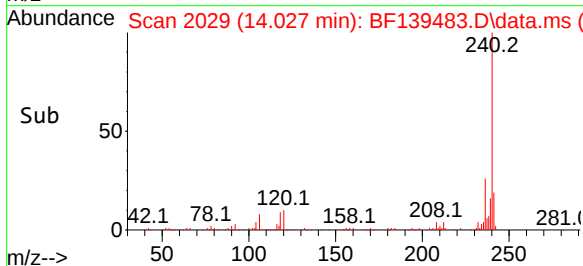
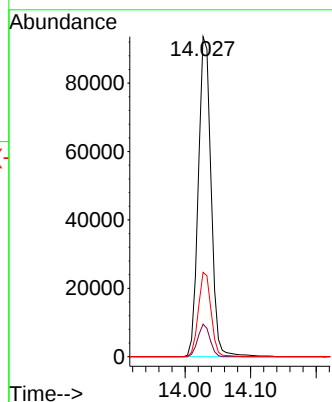
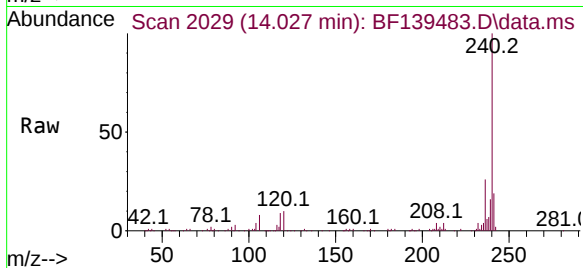
Tgt Ion:240 Resp: 126749

Ion Ratio Lower Upper

240 100

120 10.1 6.2 9.2#

236 26.3 20.9 31.3



#77

Benzidine

Concen: 6.412 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139483.D

Acq: 20 Sep 2024 00:36

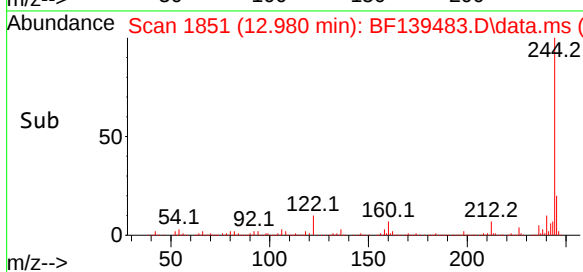
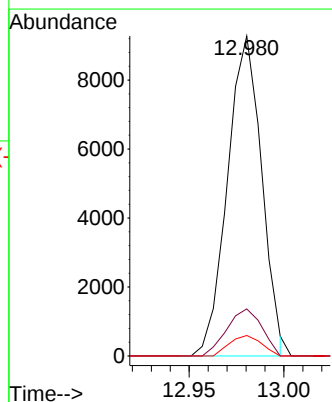
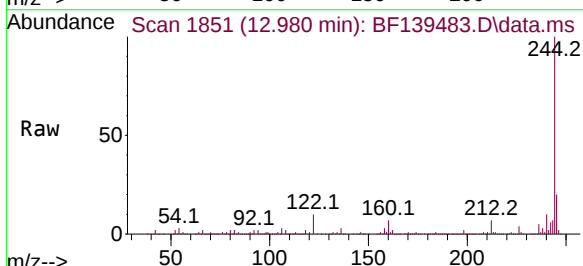
Tgt Ion:184 Resp: 11644

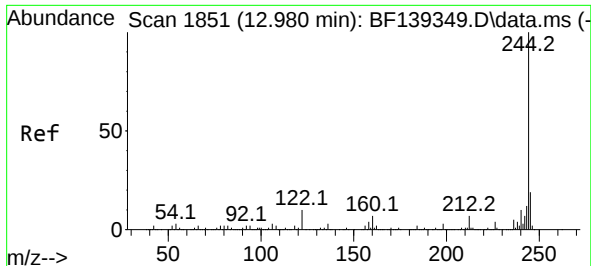
Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

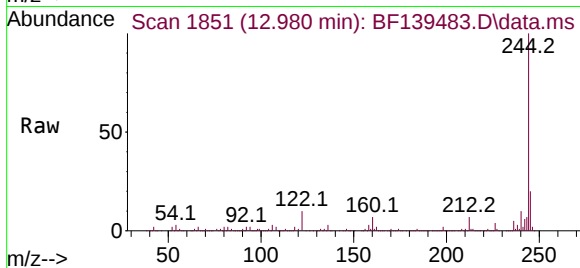
183 6.4 8.9 13.3#



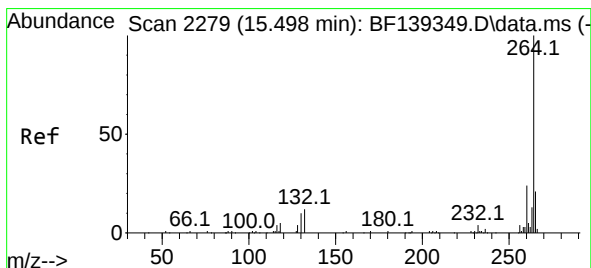
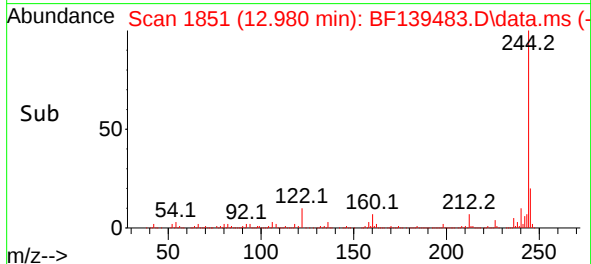
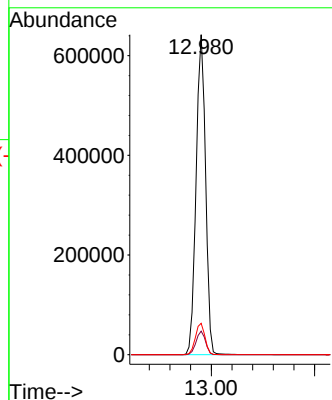


#79
 Terphenyl-d14
 Concen: 105.779 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139483.D
 Acq: 20 Sep 2024 00:36

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-07



Tgt Ion:244 Resp: 816831
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.8 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: BF139483.D
 Acq: 20 Sep 2024 00:36

Tgt Ion:264 Resp: 112829
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.7 16.6 25.0

