

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139479.D
 Acq On : 19 Sep 2024 22:42
 Operator : RC/JU
 Sample : P4087-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-03

Quant Time: Sep 20 01:40:49 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)

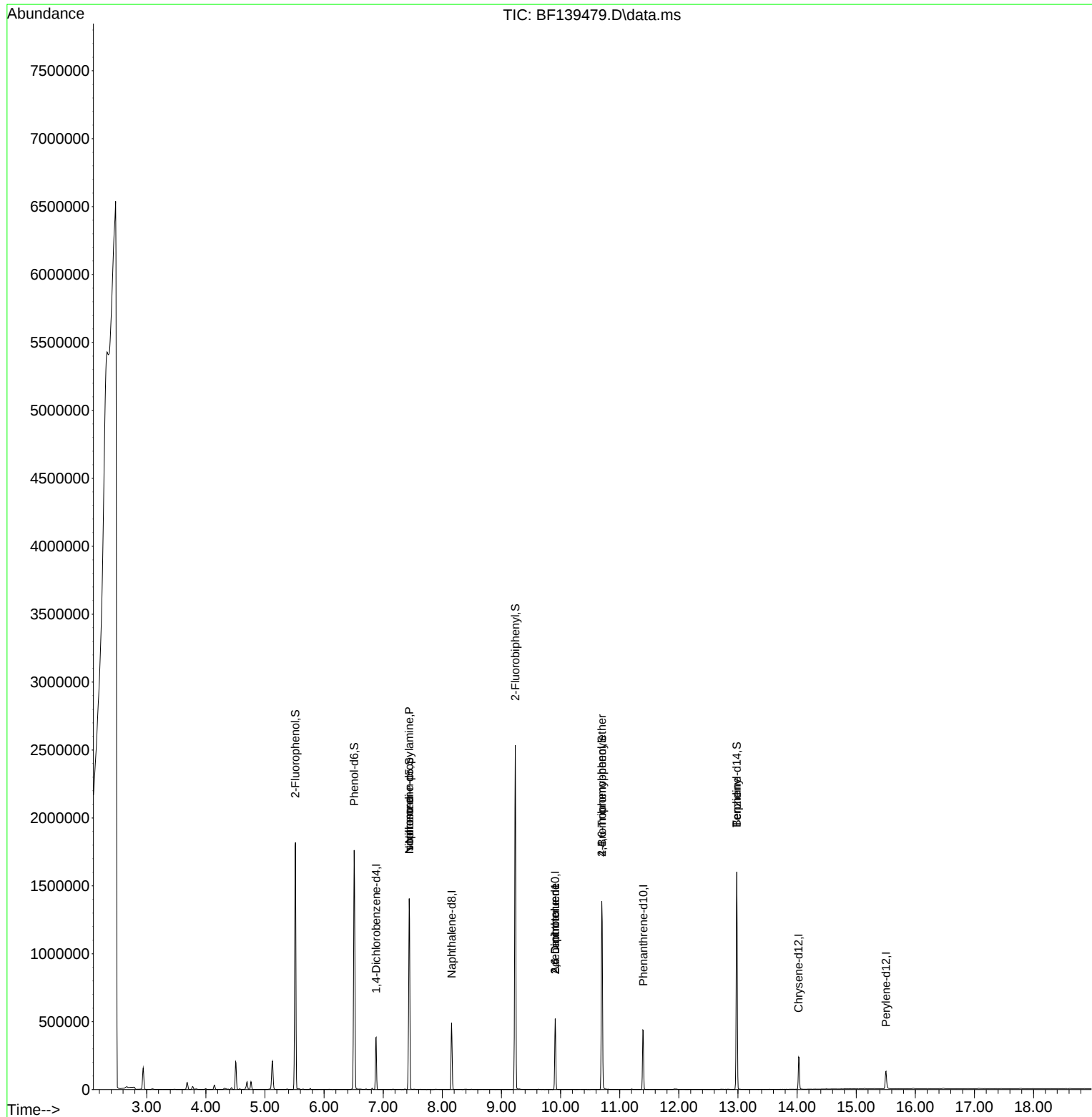
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75823	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	284163	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	146878	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	239603	20.000	ng	0.00
76) Chrysene-d12	14.027	240	120131	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	66731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	644171	138.595	ng	0.02
7) Phenol-d6	6.510	99	774503	126.954	ng	0.00
23) Nitrobenzene-d5	7.439	82	612874	101.393	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	212788	136.080	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1104539	105.471	ng	0.00
79) Terphenyl-d14	12.980	244	756183	103.320	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	87407	24.178	ng	# 74
25) Isophorone	7.439	82	612868	64.111	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19116	8.951	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19116	6.630	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	14506	6.109	ng	# 1
77) Benzidine	12.980	184	10661	6.194	ng	# 93

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

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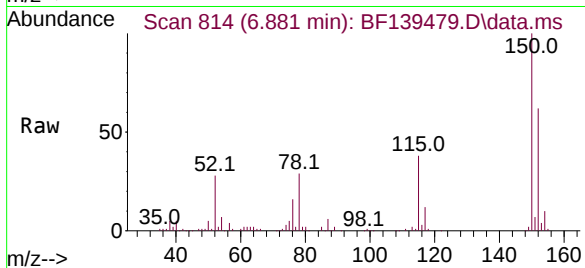
Quant Time: Sep 20 01:40:49 2024
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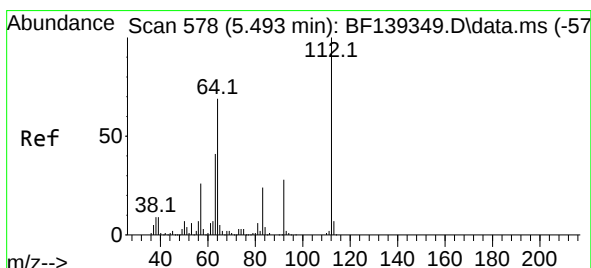
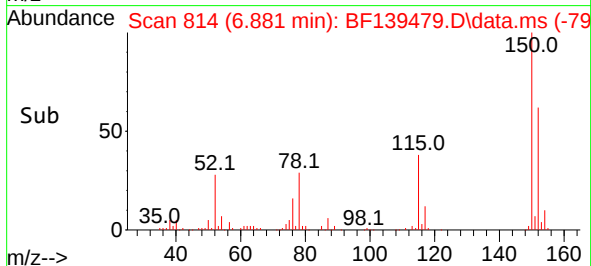
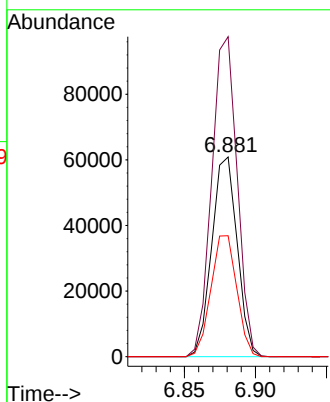


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

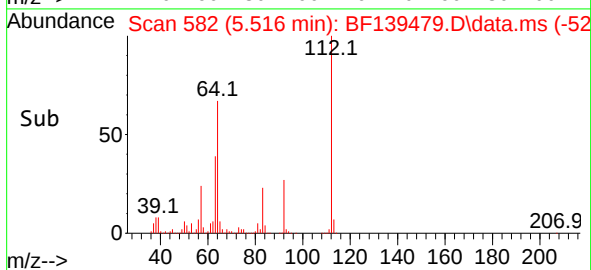
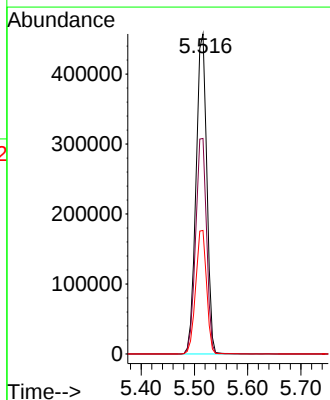
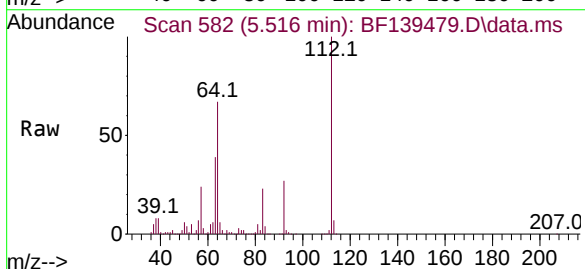


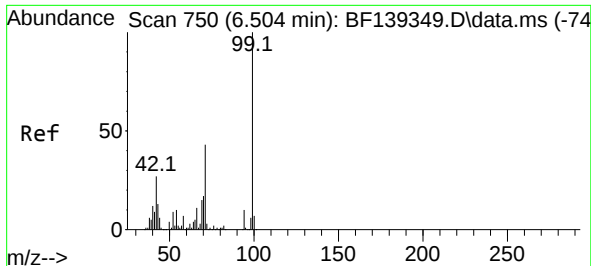
Tgt Ion:152 Resp: 75823
Ion Ratio Lower Upper
152 100
150 160.2 124.1 186.1
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 138.595 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Tgt Ion:112 Resp: 644171
Ion Ratio Lower Upper
112 100
64 67.3 54.8 82.2
63 38.6 33.0 49.4

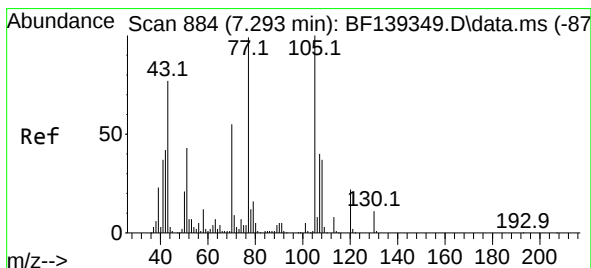
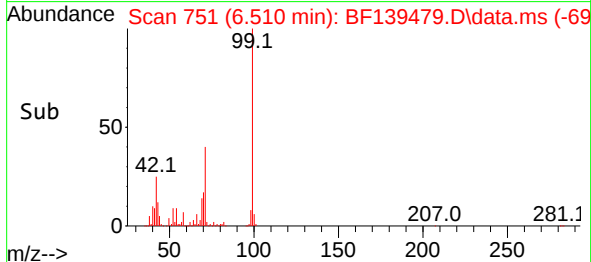
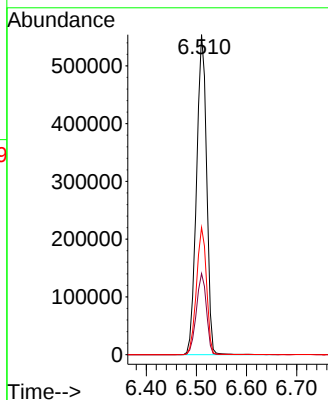
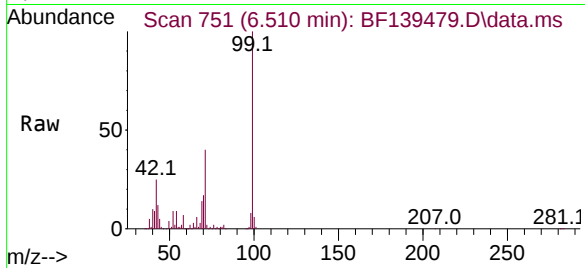




#7
Phenol-d6
Concen: 126.954 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

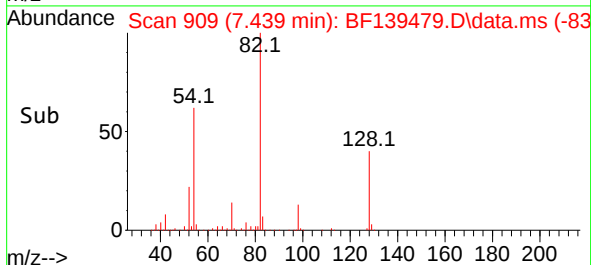
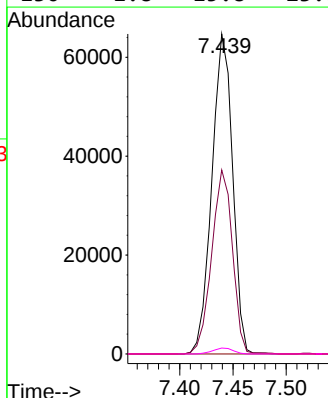
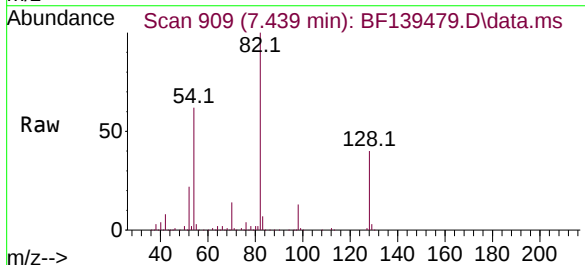
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

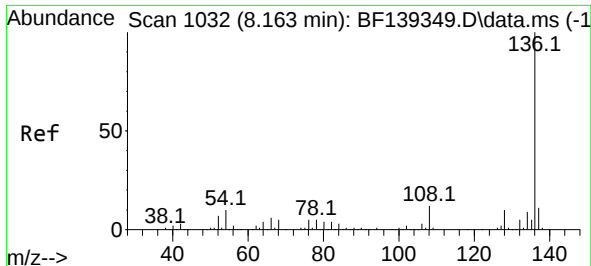
Tgt Ion: 99 Resp: 774503
Ion Ratio Lower Upper
99 100
42 25.4 21.9 32.9
71 39.7 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 24.178 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Tgt Ion: 70 Resp: 87407
Ion Ratio Lower Upper
70 100
42 57.5 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#

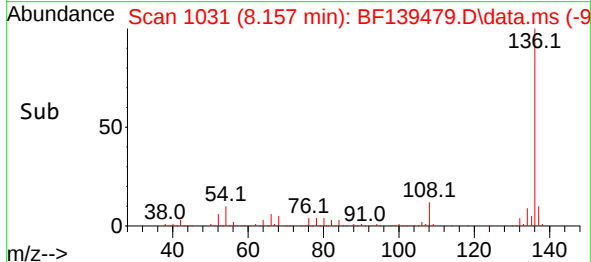
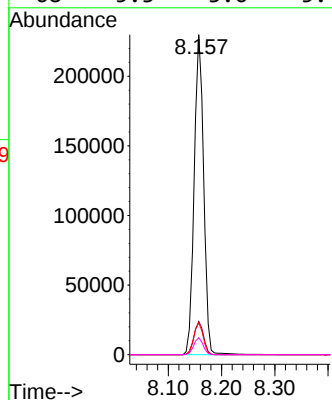
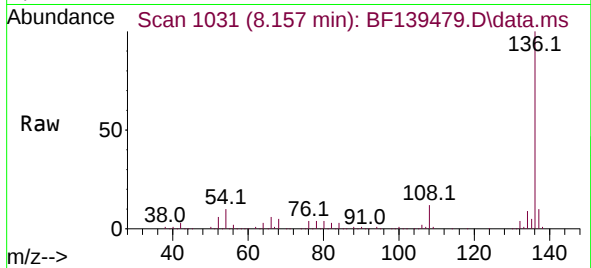




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

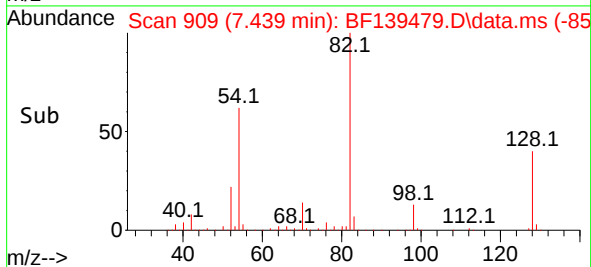
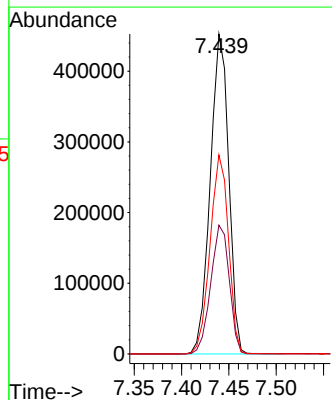
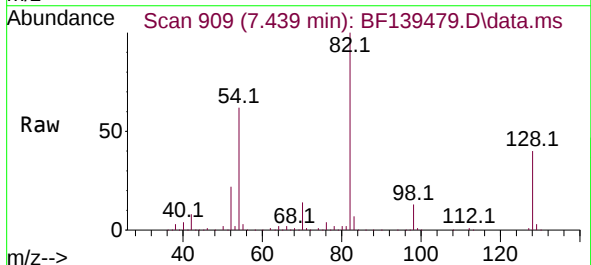
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

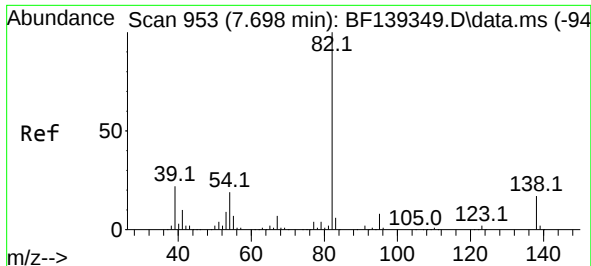
Tgt Ion:	136	Resp:	284163
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	10.0	7.8	11.8
68	5.3	3.6	5.4



#23
Nitrobenzene-d5
Concen: 101.393 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Tgt Ion:	82	Resp:	612874
Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.8	47.6
54	62.2	50.6	75.8

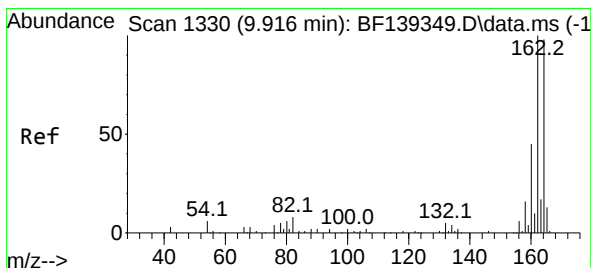
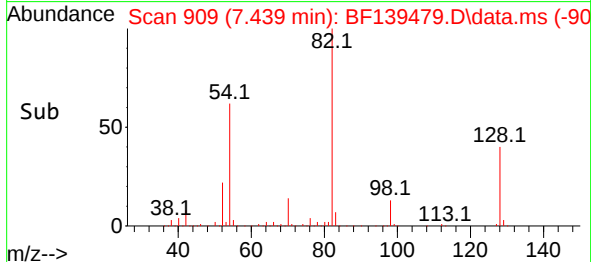
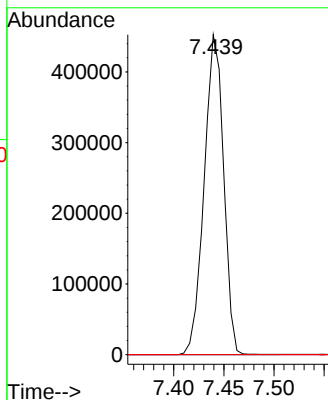
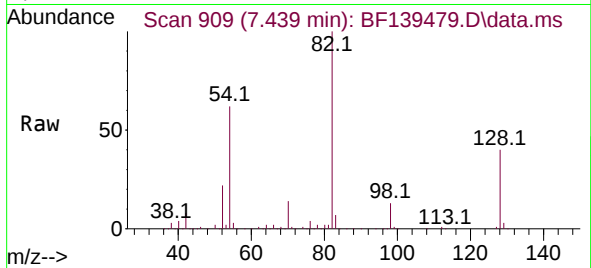




#25
Isophorone
Concen: 64.111 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

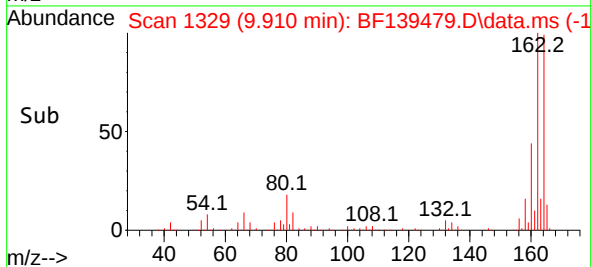
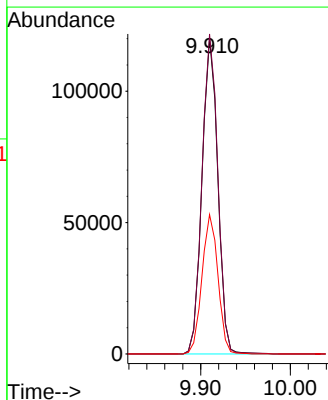
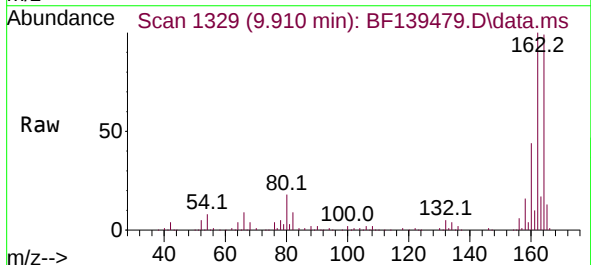
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

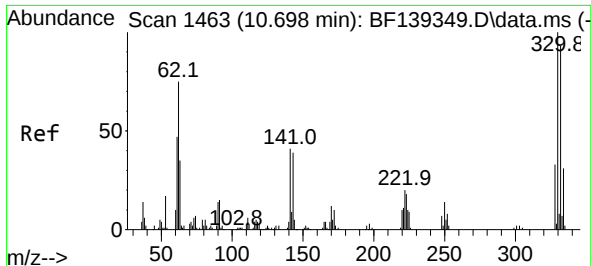
Tgt Ion: 82 Resp: 612868
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Tgt Ion:164 Resp: 146878
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 136.080 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139479.D

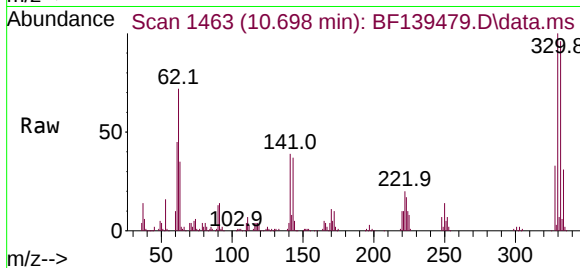
Acq: 19 Sep 2024 22:42

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03



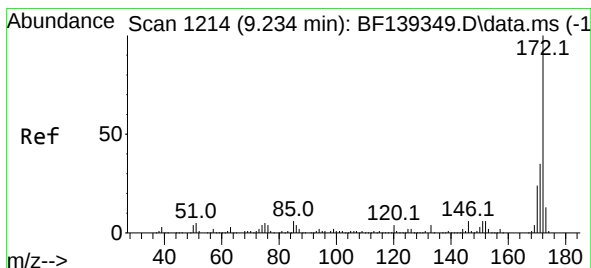
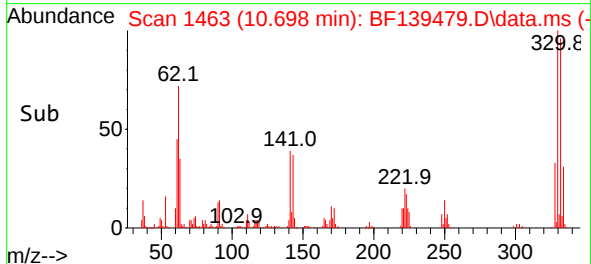
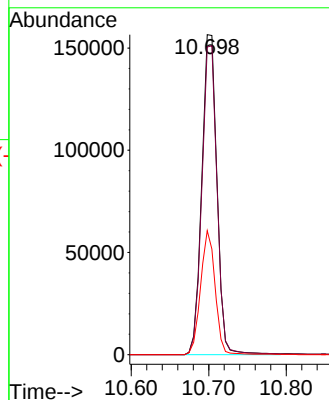
Tgt Ion:330 Resp: 212788

Ion Ratio Lower Upper

330 100

332 96.8 75.2 112.8

141 37.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 105.471 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139479.D

Acq: 19 Sep 2024 22:42

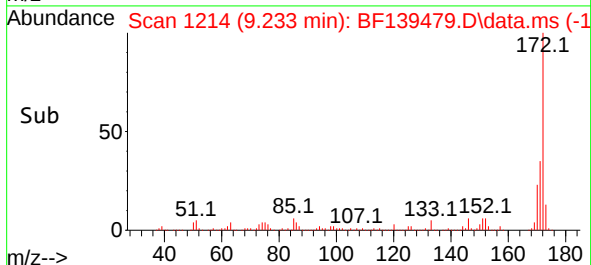
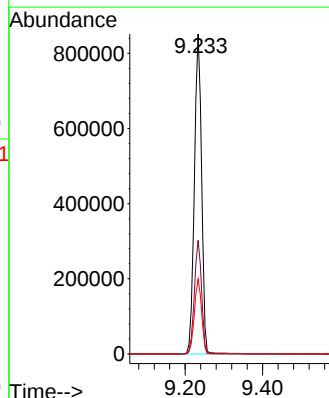
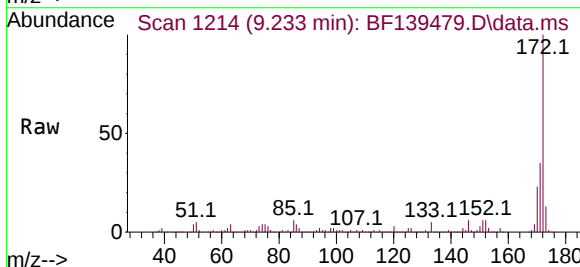
Tgt Ion:172 Resp: 1104539

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6

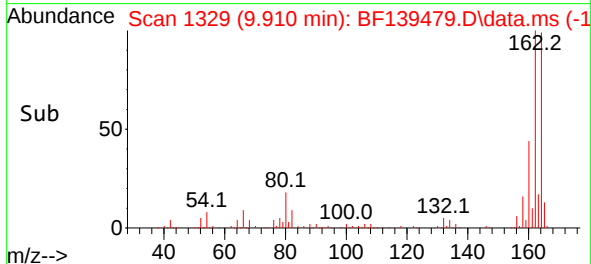
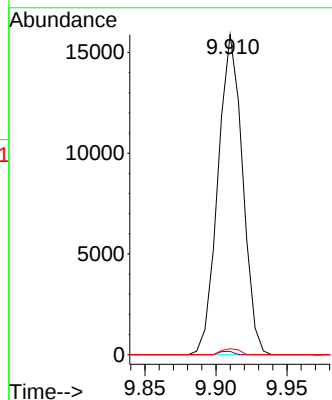
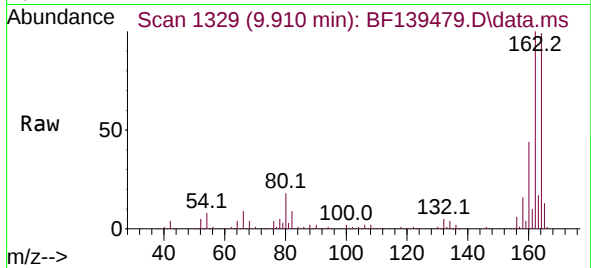




#51
2,6-Dinitrotoluene
Concen: 8.951 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

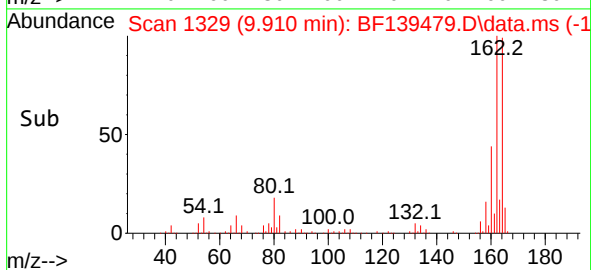
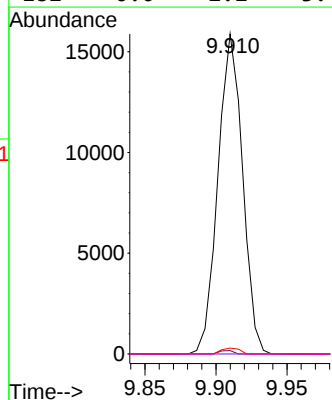
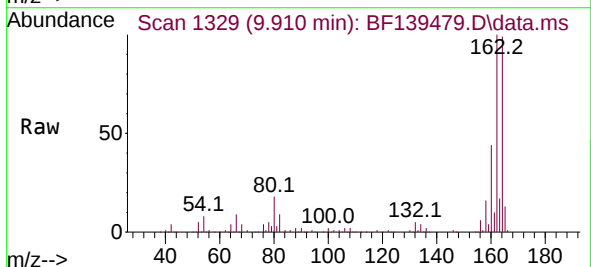
Instrument :
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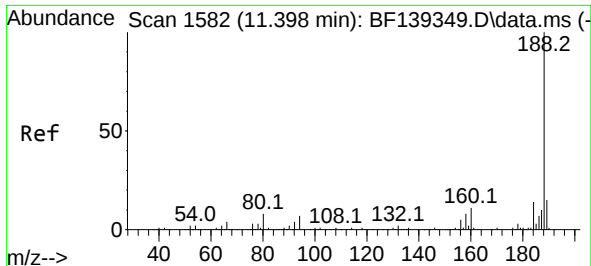
Tgt Ion:165 Resp: 19116
Ion Ratio Lower Upper
165 100
63 1.0 60.9 91.3#
89 1.8 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.630 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Tgt Ion:165 Resp: 19116
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.6#
89 1.8 66.7 100.1#
182 0.0 2.2 3.4#

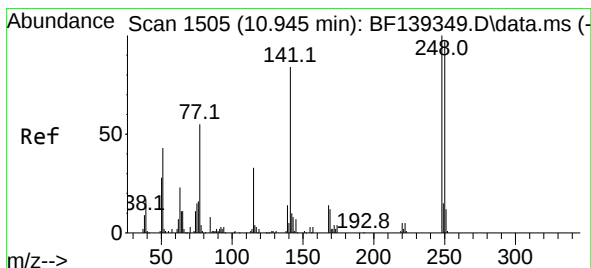
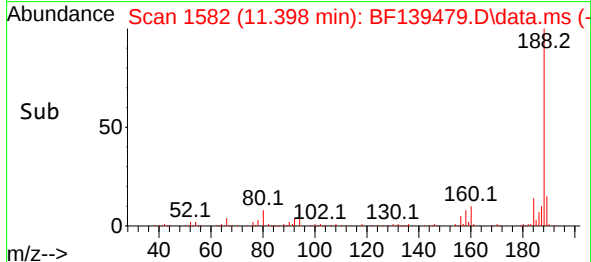
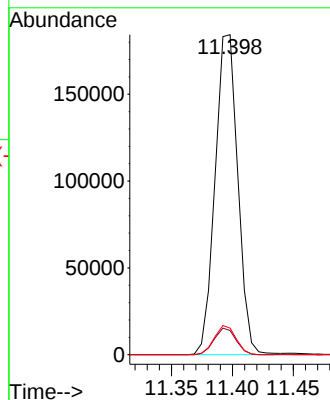
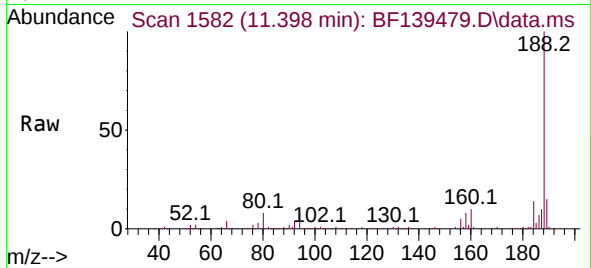




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

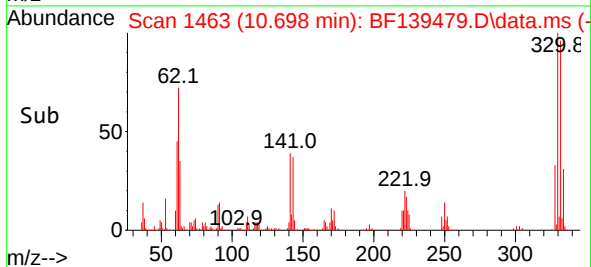
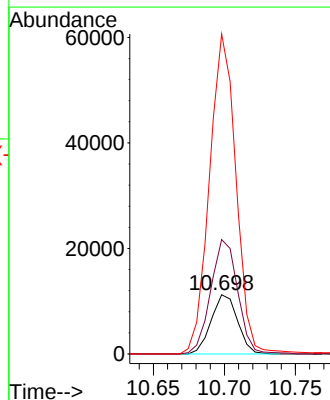
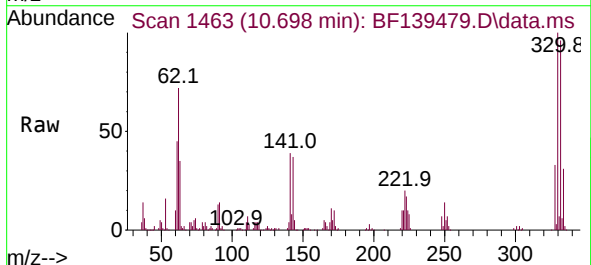
Instrument :
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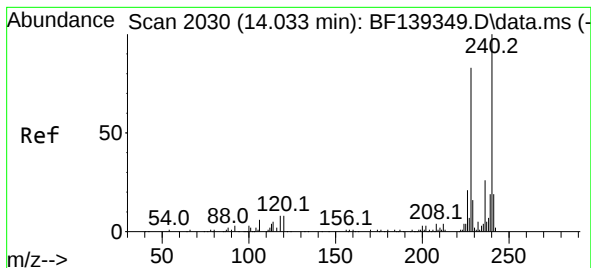
Tgt Ion:188 Resp: 239603
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 8.3 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 6.109 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Tgt Ion:248 Resp: 14506
Ion Ratio Lower Upper
248 100
250 193.2 77.6 116.4#
141 540.7 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: BF139479.D

Acq: 19 Sep 2024 22:42

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03

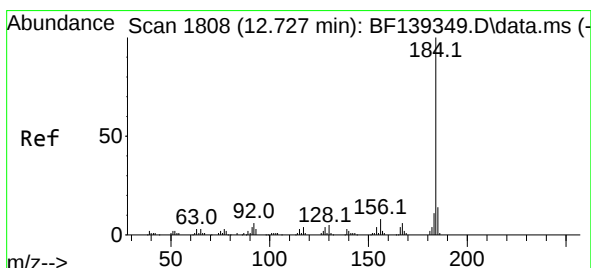
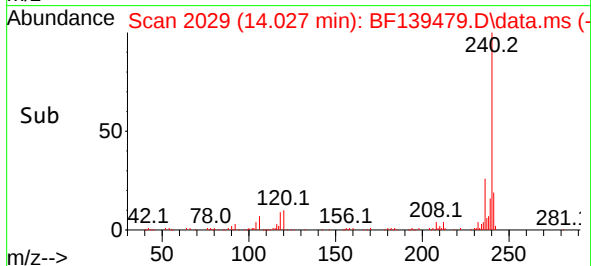
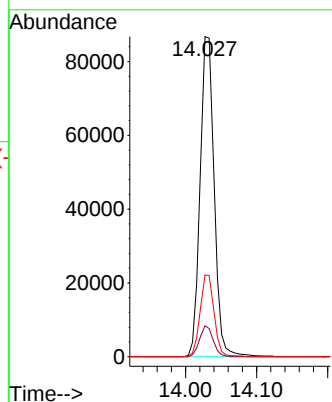
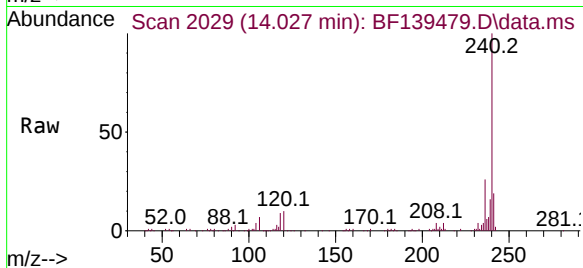
Tgt Ion:240 Resp: 120131

Ion Ratio Lower Upper

240 100

120 9.7 6.2 9.2#

236 25.5 20.9 31.3



#77

Benzidine

Concen: 6.194 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139479.D

Acq: 19 Sep 2024 22:42

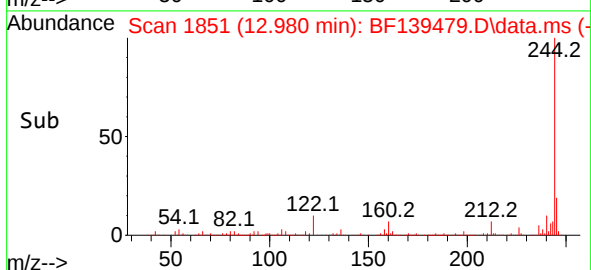
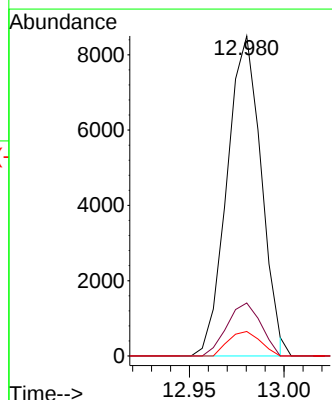
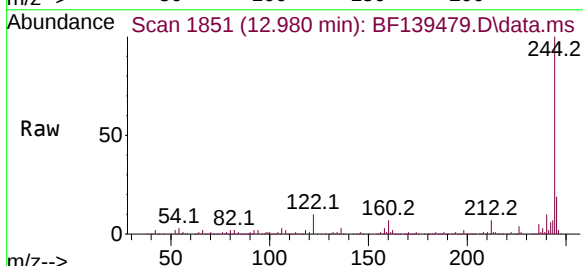
Tgt Ion:184 Resp: 10661

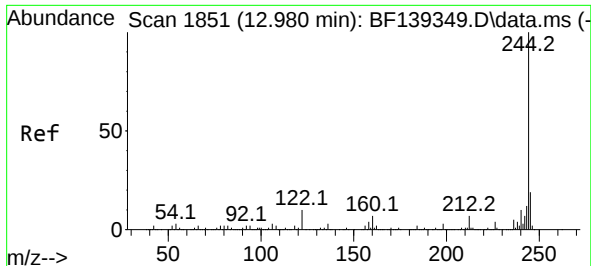
Ion Ratio Lower Upper

184 100

185 16.6 11.5 17.3

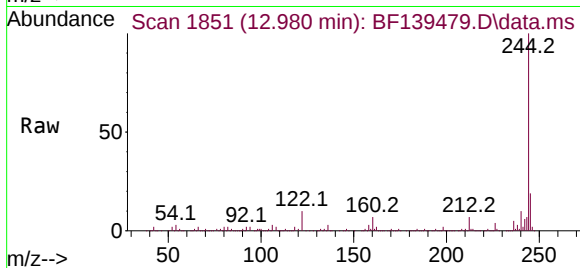
183 7.7 8.9 13.3#



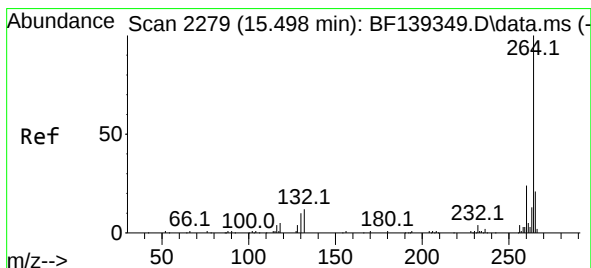
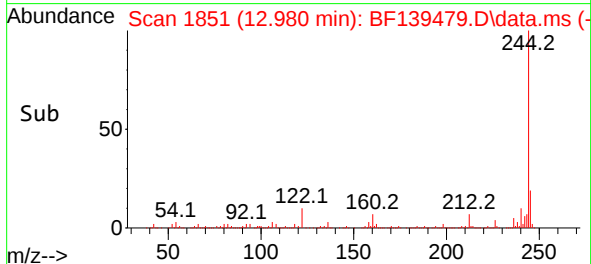
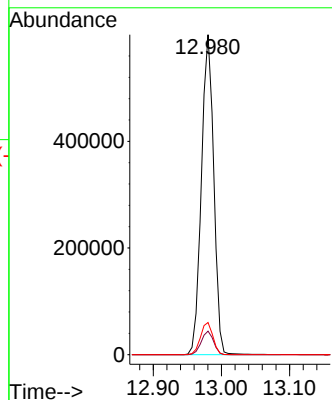


#79
Terphenyl-d14
Concen: 103.320 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03



Tgt Ion:244 Resp: 756183
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Tgt Ion:264 Resp: 66731
Ion Ratio Lower Upper
264 100
260 26.3 19.5 29.3
265 20.9 16.6 25.0

