

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139480.D
 Acq On : 19 Sep 2024 23:10
 Operator : RC/JU
 Sample : P4087-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-04

Quant Time: Sep 20 01:41:17 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)

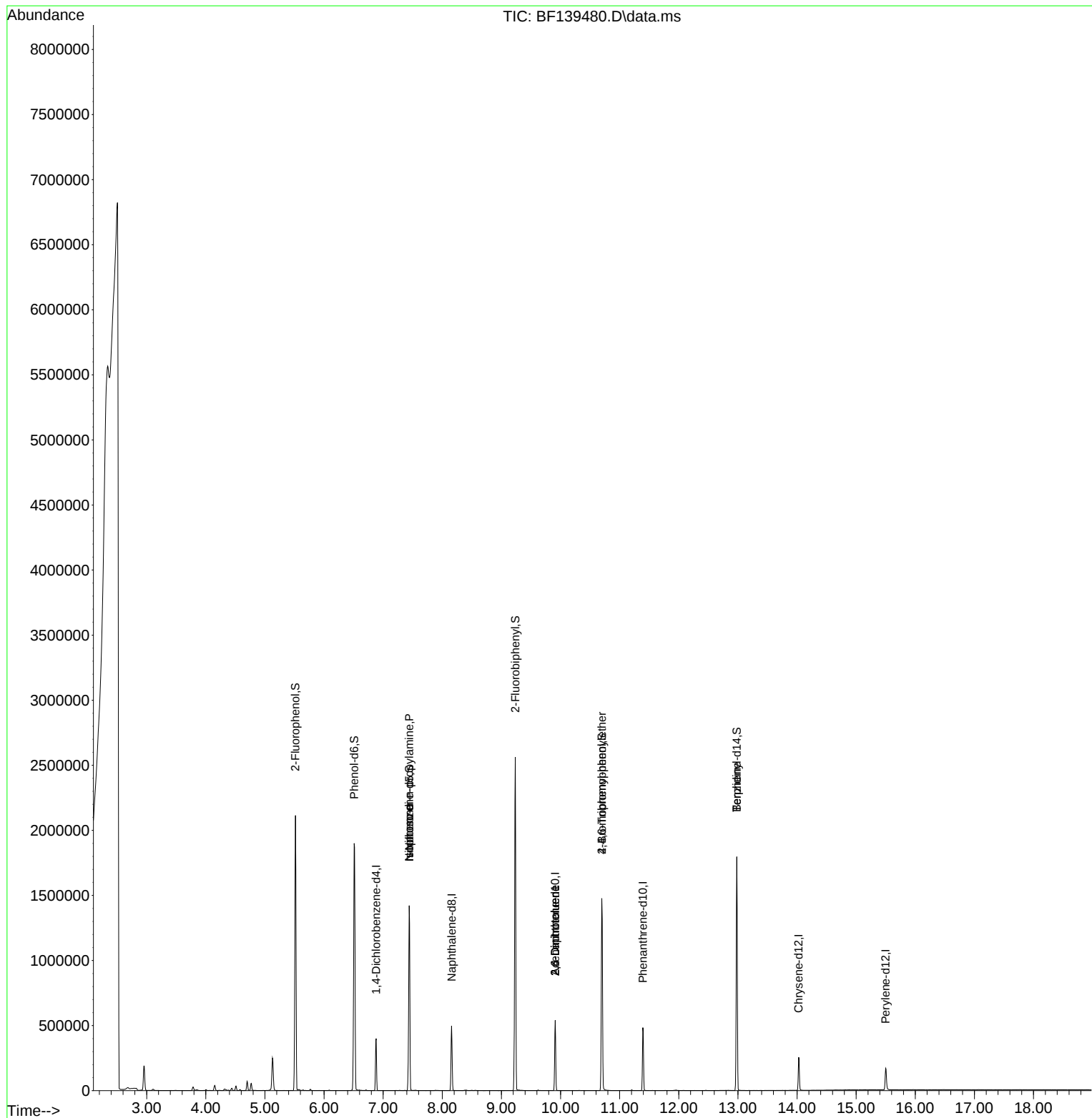
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	79142	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	291669	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	155359	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	259648	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	125673	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	104691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	723901	149.217	ng	0.02
7) Phenol-d6	6.510	99	915679	143.801	ng	0.00
23) Nitrobenzene-d5	7.440	82	631420	101.773	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	231851	140.177	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1123598	101.434	ng	0.00
79) Terphenyl-d14	12.980	244	849141	110.905	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	89281	23.661	ng	# 75
25) Isophorone	7.440	82	630054	64.212	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	20394	9.028	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	20394	6.687	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	16097	6.256	ng	# 1
77) Benzidine	12.980	184	12190	6.770	ng	# 91

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

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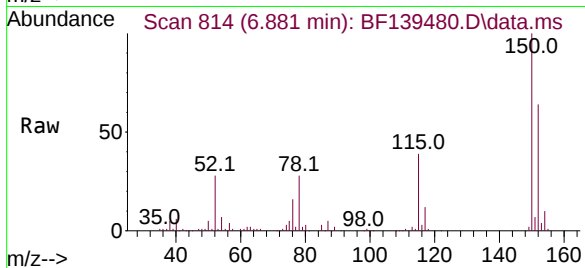
Quant Time: Sep 20 01:41:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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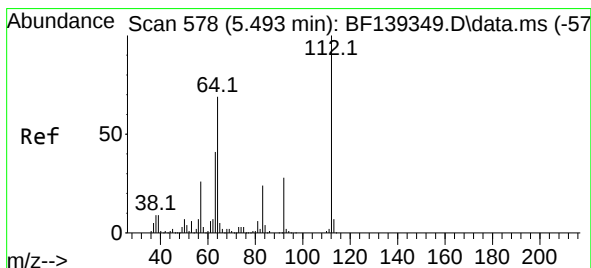
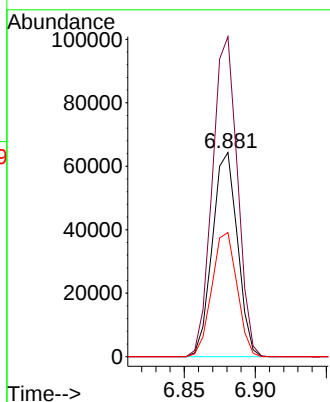
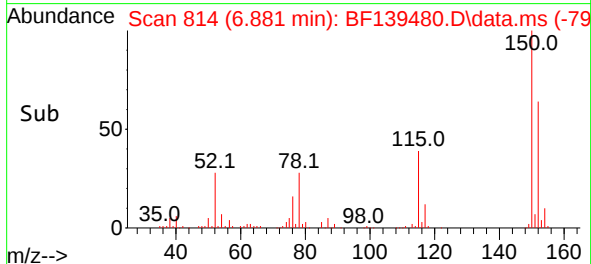


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

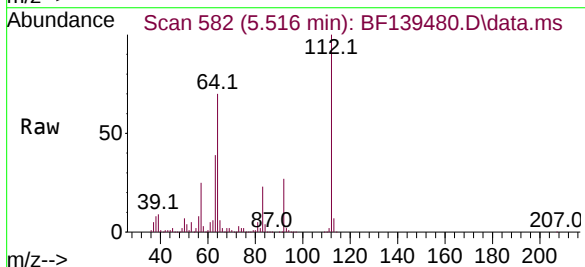
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-04



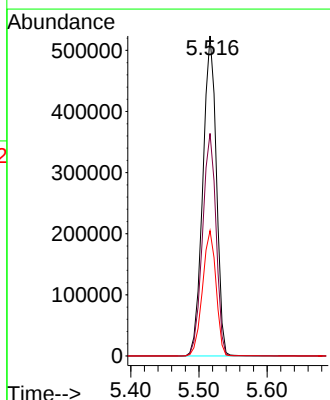
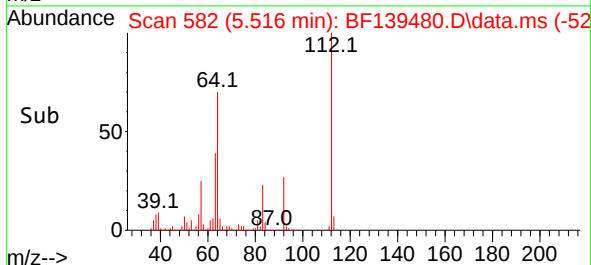
Tgt Ion:152 Resp: 79142
Ion Ratio Lower Upper
152 100
150 156.8 124.1 186.1
115 60.8 48.1 72.1

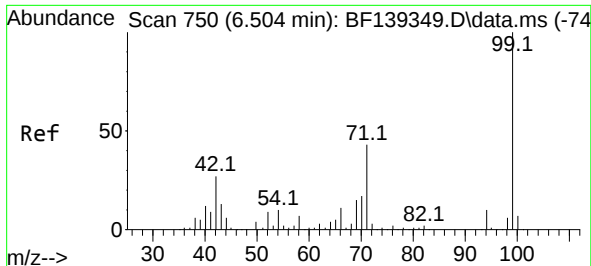


#5
2-Fluorophenol
Concen: 149.217 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10



Tgt Ion:112 Resp: 723901
Ion Ratio Lower Upper
112 100
64 69.5 54.8 82.2
63 39.1 33.0 49.4

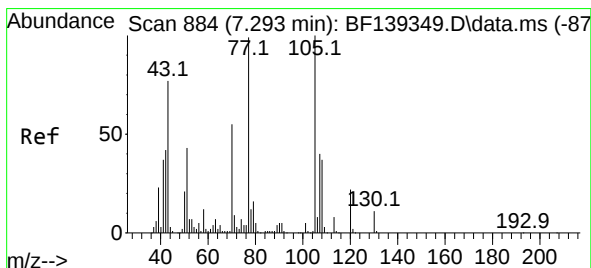
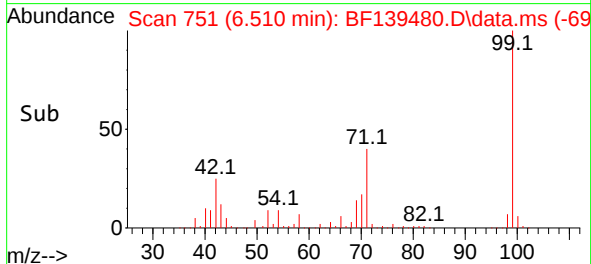
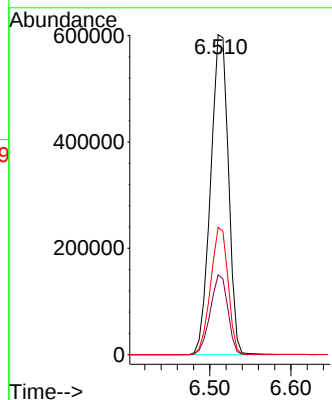
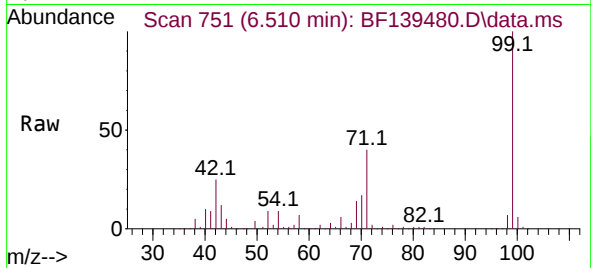




#7
Phenol-d6
Concen: 143.801 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

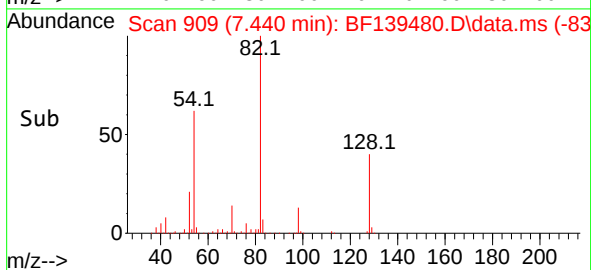
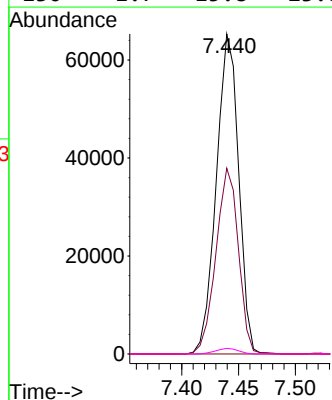
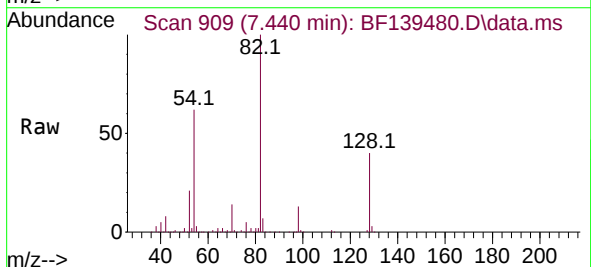
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-04

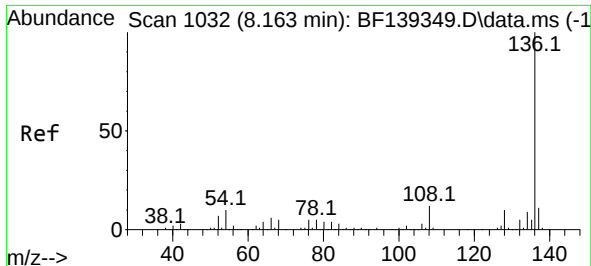
Tgt Ion: 99 Resp: 915679
Ion Ratio Lower Upper
99 100
42 24.9 21.9 32.9
71 39.8 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 23.661 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

Tgt Ion: 70 Resp: 89281
Ion Ratio Lower Upper
70 100
42 58.1 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#

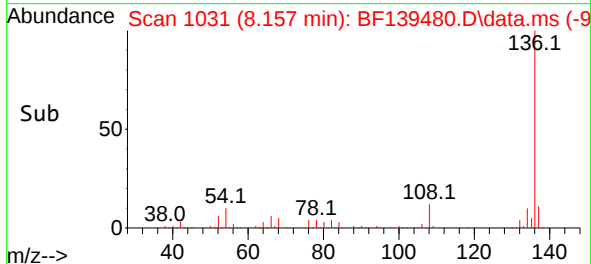
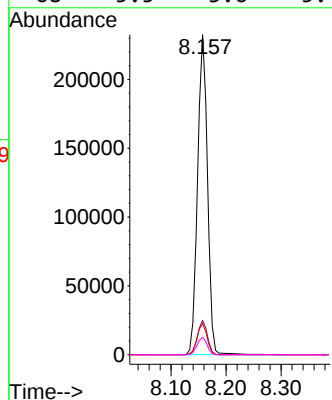
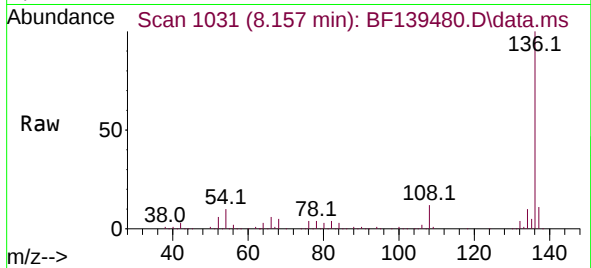




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

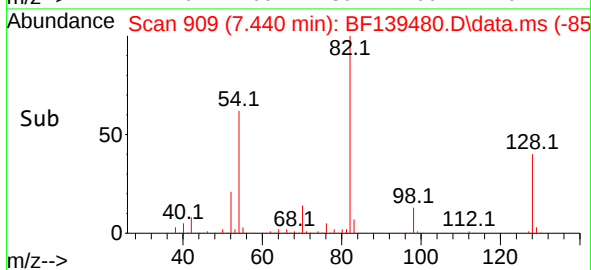
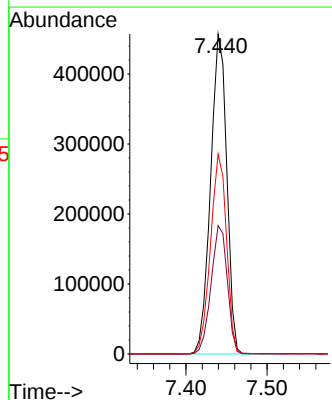
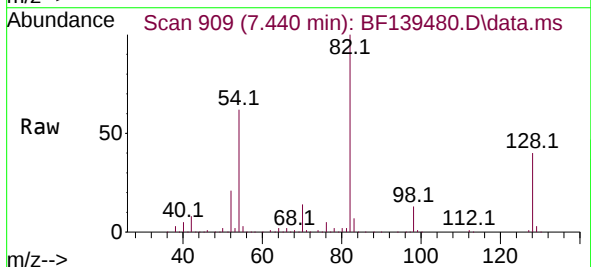
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-04

Tgt Ion:	136	Resp:	291669
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	9.7	7.8	11.8
68	5.5	3.6	5.4



#23
Nitrobenzene-d5
Concen: 101.773 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

Tgt Ion:	82	Resp:	631420
Ion Ratio	Lower	Upper	
82	100		
128	40.1	31.8	47.6
54	62.4	50.6	75.8

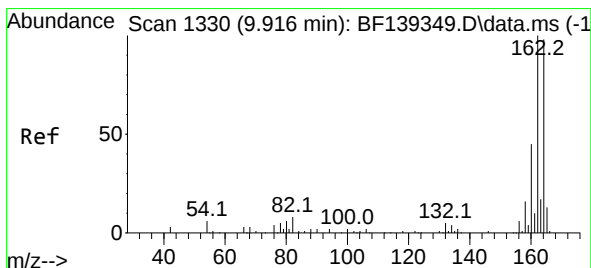
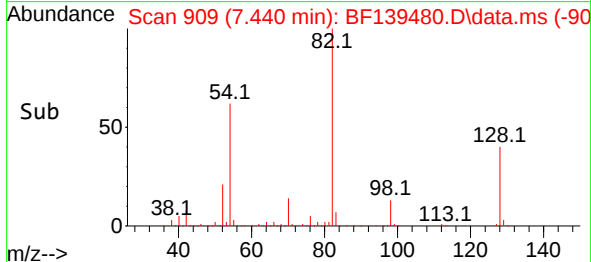
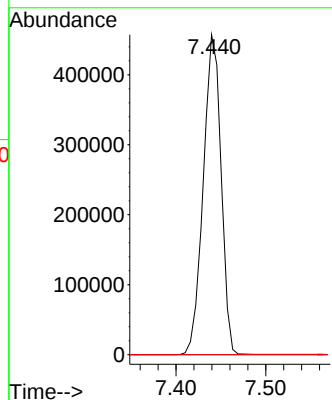
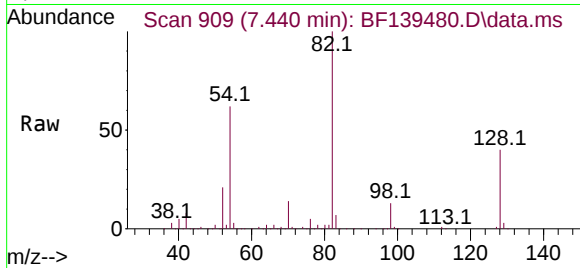




#25
Isophorone
Concen: 64.212 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

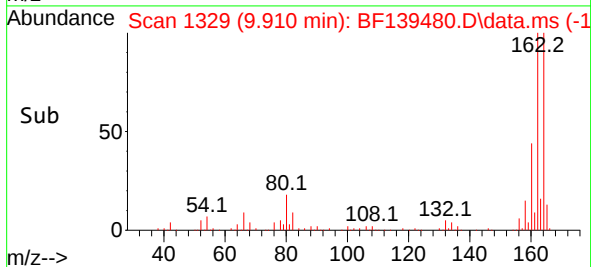
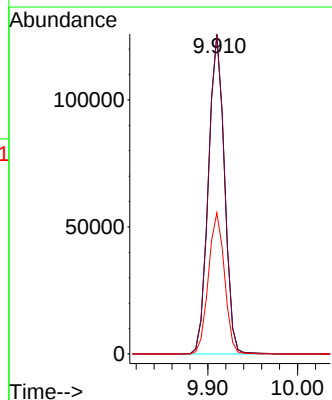
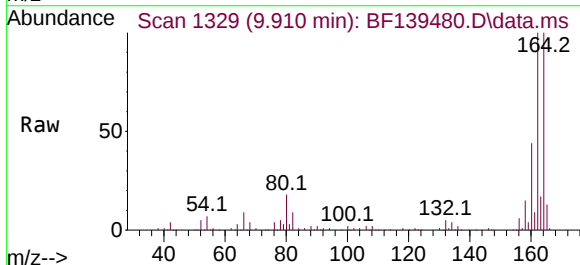
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-04

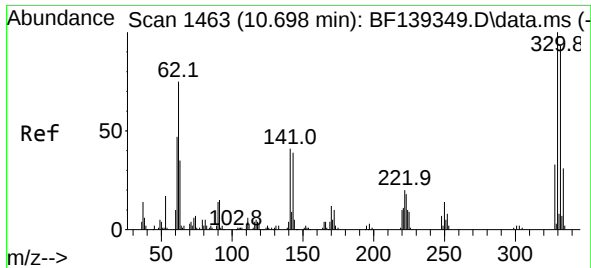
Tgt Ion: 82 Resp: 630054
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

Tgt Ion: 164 Resp: 155359
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 140.177 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139480.D

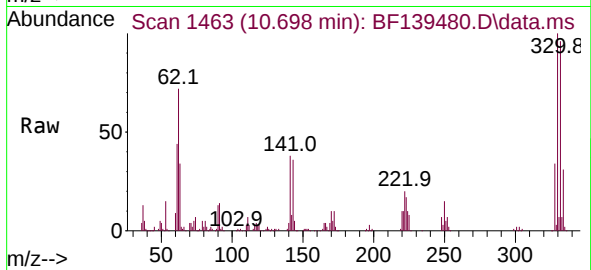
Acq: 19 Sep 2024 23:10

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-04



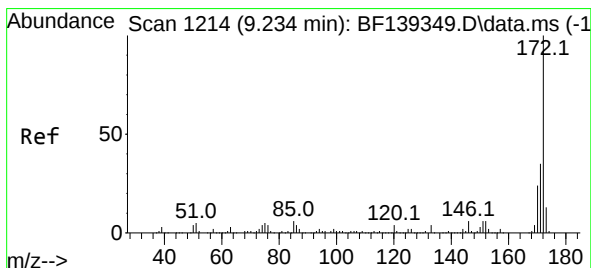
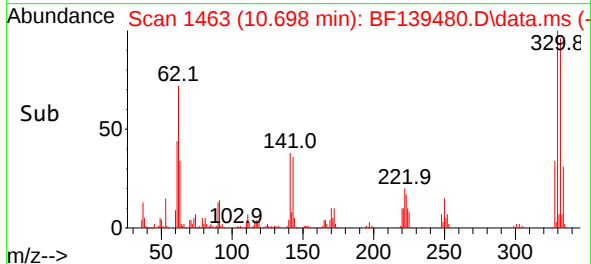
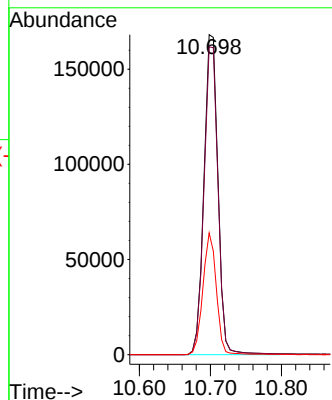
Tgt Ion:330 Resp: 231851

Ion Ratio Lower Upper

330 100

332 96.7 75.2 112.8

141 36.4 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 101.434 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139480.D

Acq: 19 Sep 2024 23:10

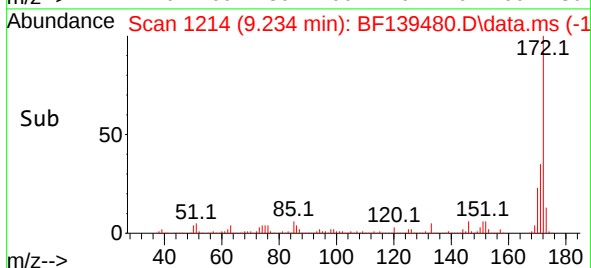
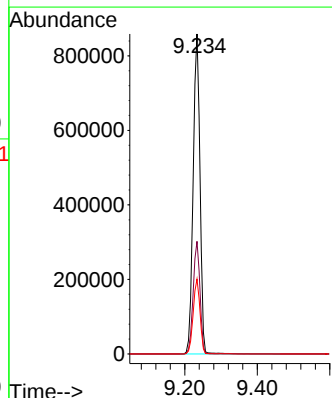
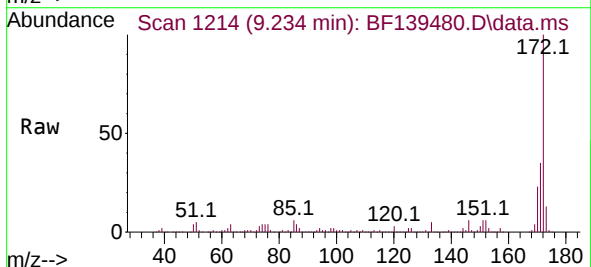
Tgt Ion:172 Resp: 1123598

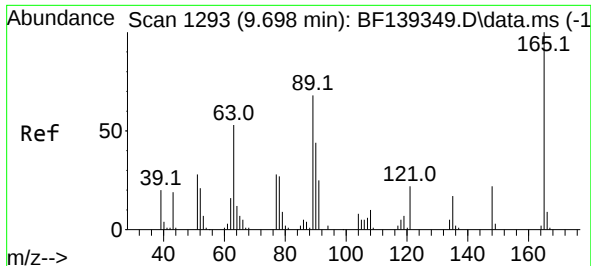
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.4 19.0 28.6

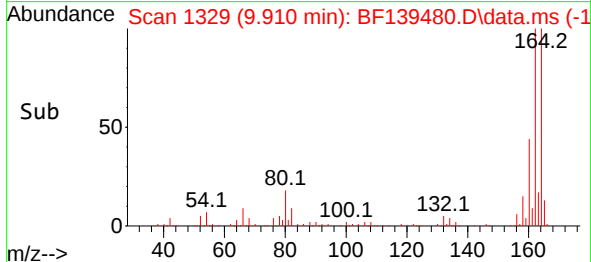
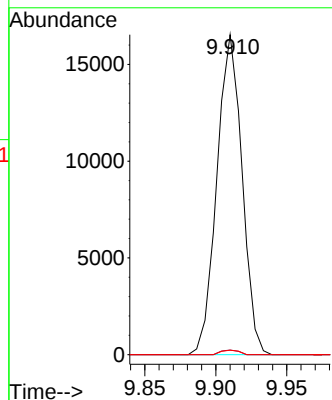
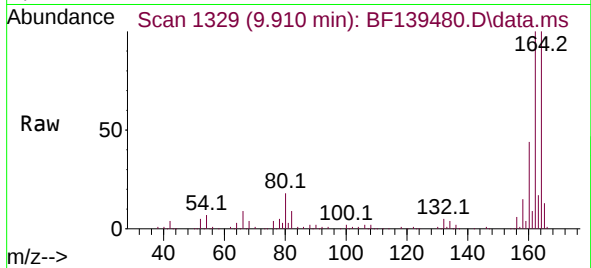




#51
2,6-Dinitrotoluene
Concen: 9.028 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

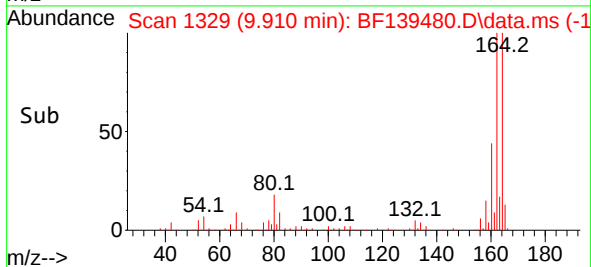
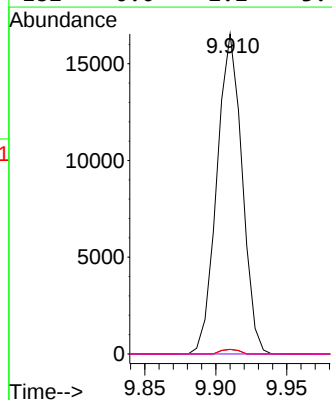
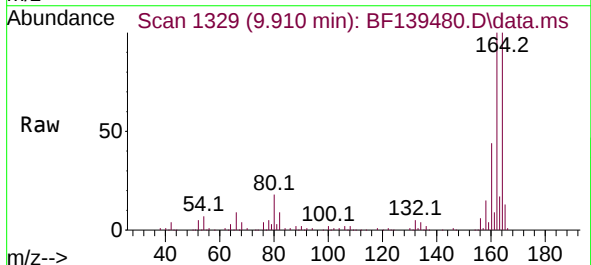
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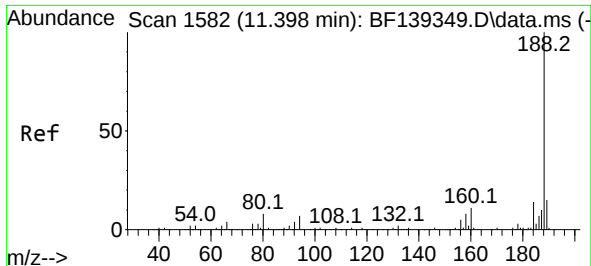
Tgt Ion:165 Resp: 20394
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.687 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

Tgt Ion:165 Resp: 20394
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#

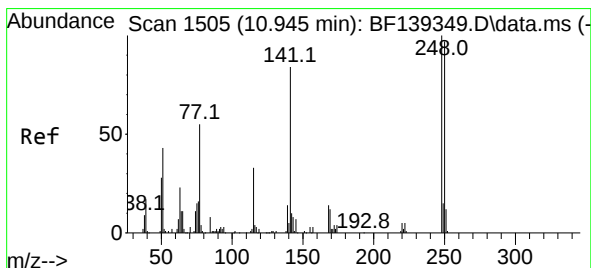
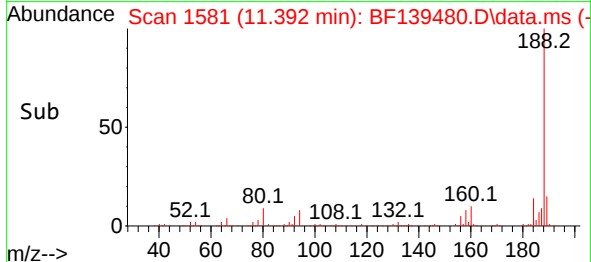
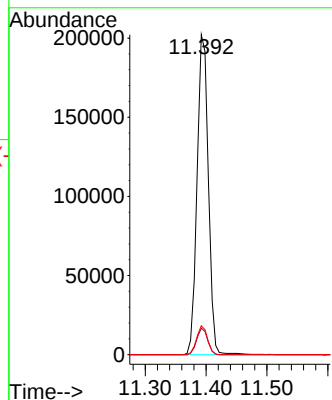
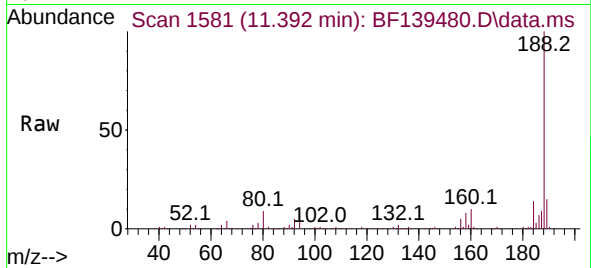




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

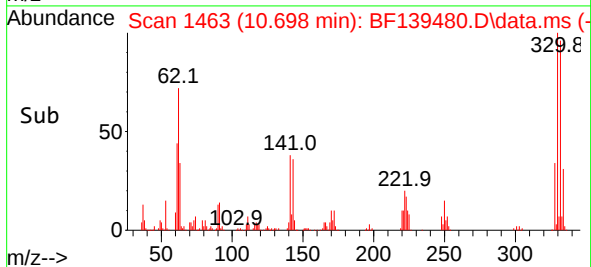
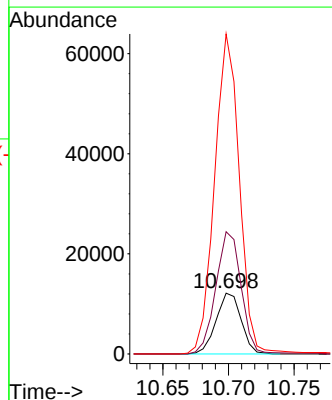
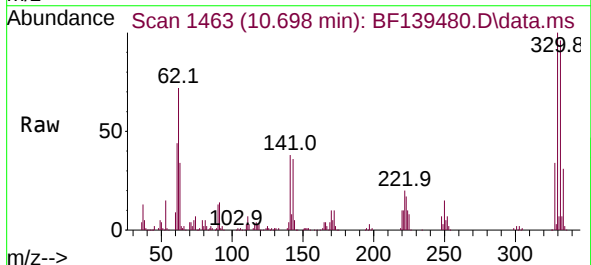
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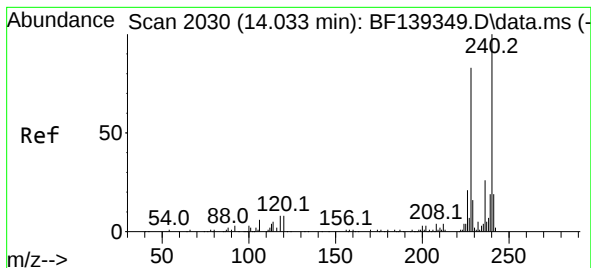
Tgt Ion:188 Resp: 259648
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3#
80 9.0 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 6.256 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139480.D
Acq: 19 Sep 2024 23:10

Tgt Ion:248 Resp: 16097
Ion Ratio Lower Upper
248 100
250 201.2 77.6 116.4#
141 526.6 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: BF139480.D

Acq: 19 Sep 2024 23:10

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-04

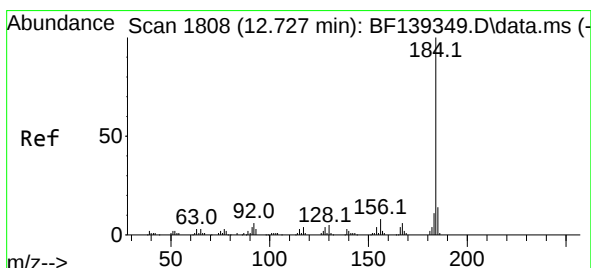
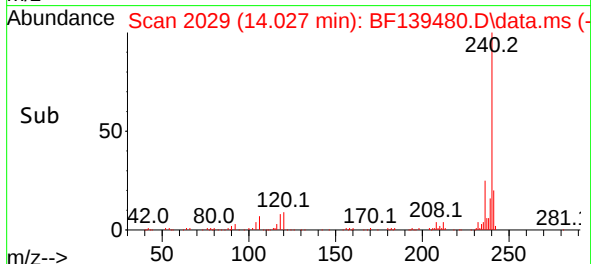
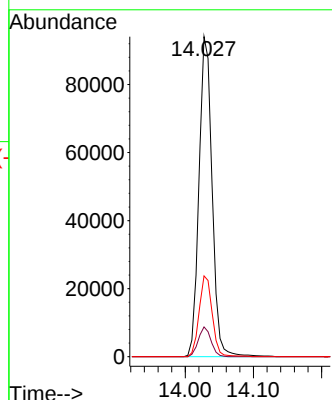
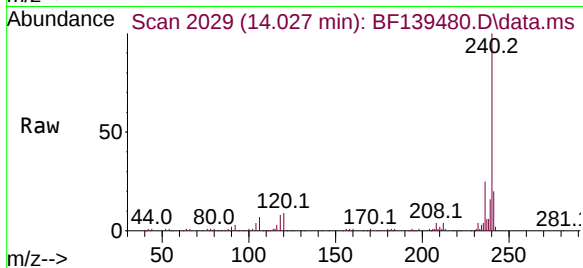
Tgt Ion:240 Resp: 125673

Ion Ratio Lower Upper

240 100

120 9.3 6.2 9.2#

236 25.3 20.9 31.3



#77

Benzidine

Concen: 6.770 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139480.D

Acq: 19 Sep 2024 23:10

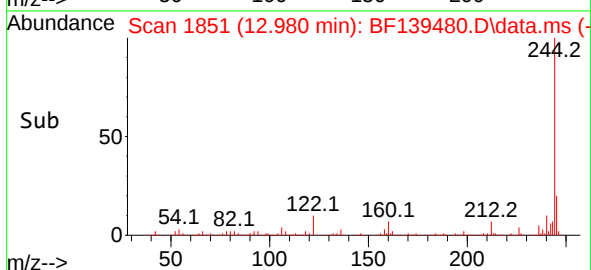
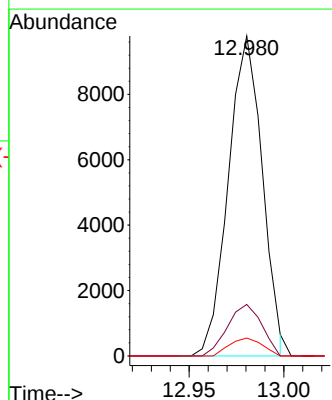
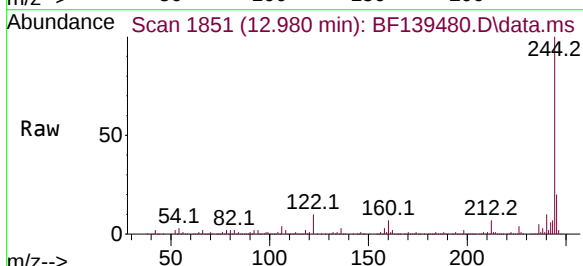
Tgt Ion:184 Resp: 12190

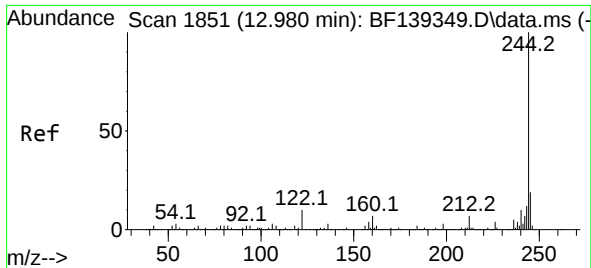
Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

183 5.6 8.9 13.3#

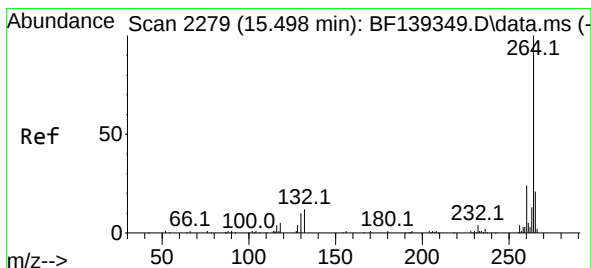
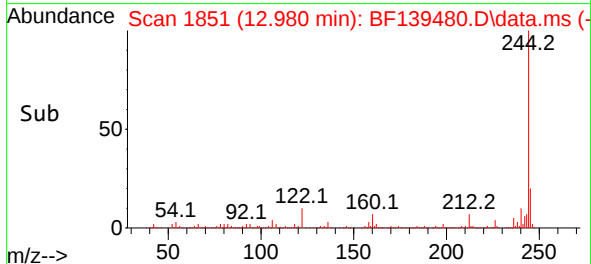
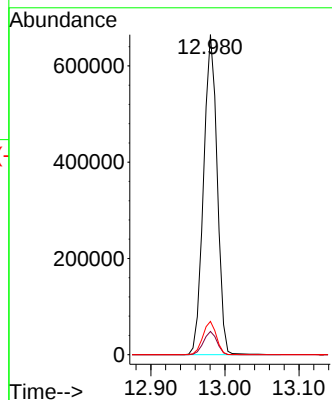
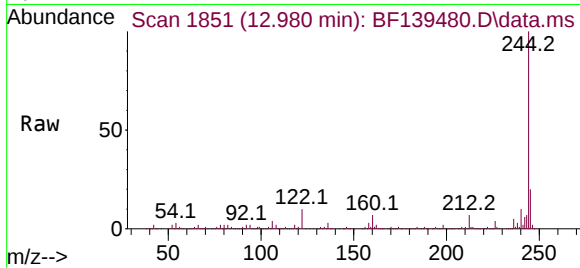




#79
 Terphenyl-d14
 Concen: 110.905 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139480.D
 Acq: 19 Sep 2024 23:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-04

Tgt Ion:244 Resp: 849141
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.4 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: BF139480.D
 Acq: 19 Sep 2024 23:10

Tgt Ion:264 Resp: 104691
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.2 16.6 25.0

