

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139477.D
 Acq On : 19 Sep 2024 21:44
 Operator : RC/JU
 Sample : P4087-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-01

Quant Time: Sep 20 01:40:08 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)

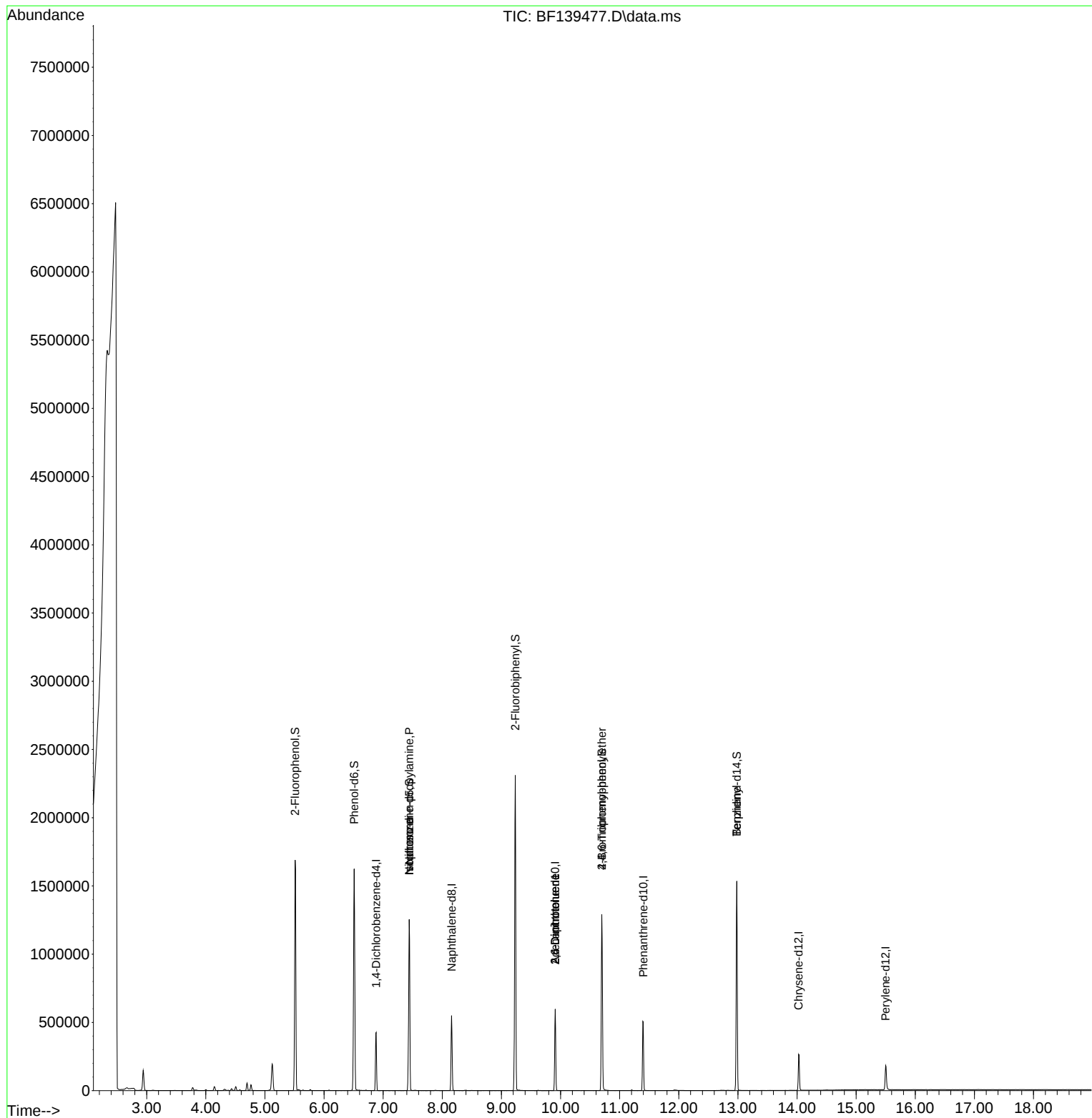
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	85228	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	317104	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	168482	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	275090	20.000	ng	0.00
76) Chrysene-d12	14.027	240	132891	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	104433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	578210	110.675	ng	0.02
7) Phenol-d6	6.510	99	709799	103.509	ng	0.00
23) Nitrobenzene-d5	7.440	82	552418	81.897	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	195660	109.082	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1014077	84.416	ng	0.00
79) Terphenyl-d14	12.980	244	723188	89.324	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	77544	19.083	ng	# 76
25) Isophorone	7.440	82	551079	51.659	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21812	8.904	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	21812	6.595	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	13882	5.092	ng	# 1
77) Benzidine	12.980	184	10605	5.570	ng	# 95

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

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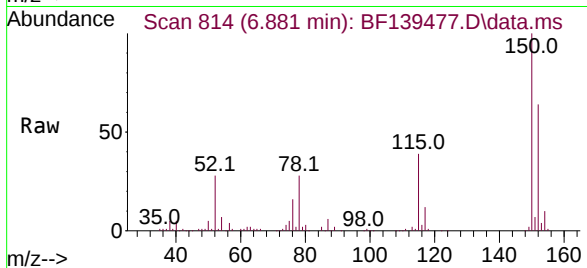
Quant Time: Sep 20 01:40:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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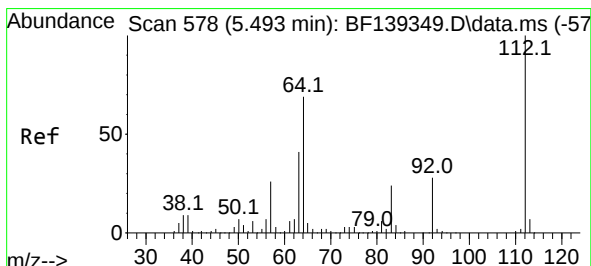
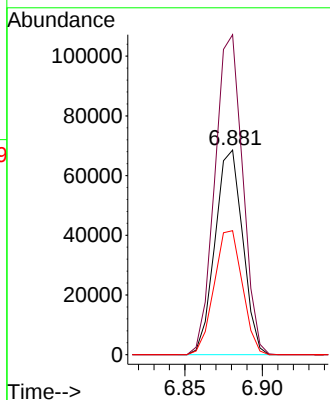
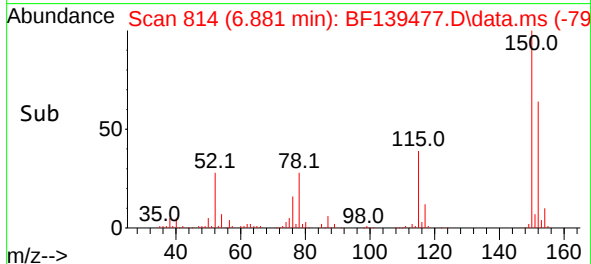


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

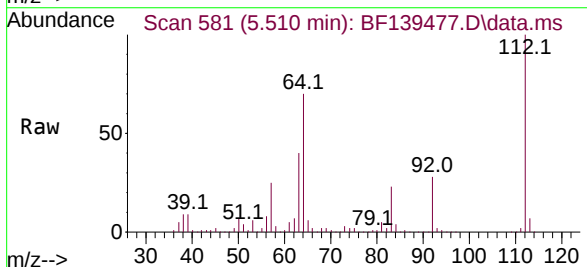
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-01



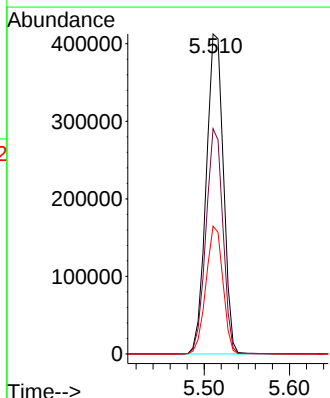
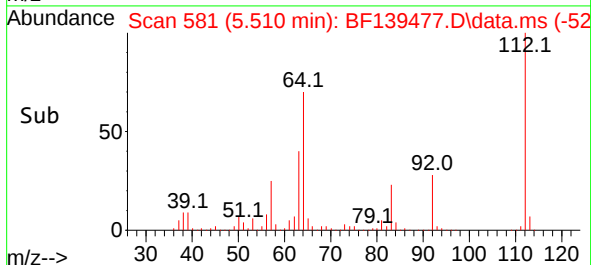
Tgt Ion:152 Resp: 85228
Ion Ratio Lower Upper
152 100
150 156.3 124.1 186.1
115 60.6 48.1 72.1

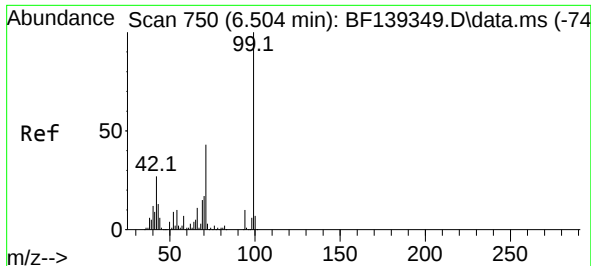


#5
2-Fluorophenol
Concen: 110.675 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44



Tgt Ion:112 Resp: 578210
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 40.0 33.0 49.4

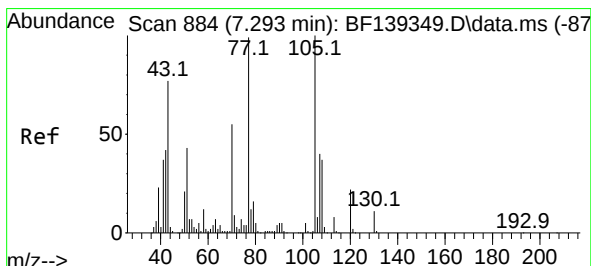
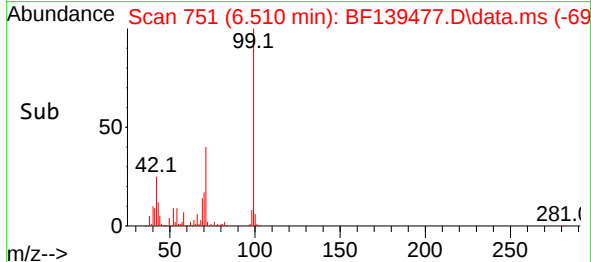
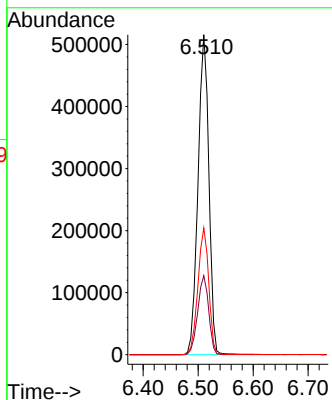
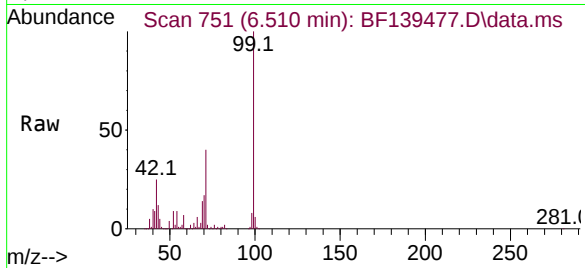




#7
Phenol-d6
Concen: 103.509 ng
RT: 6.510 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

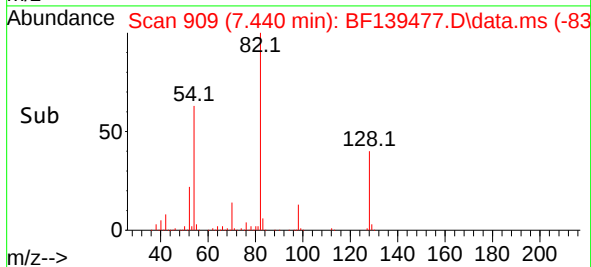
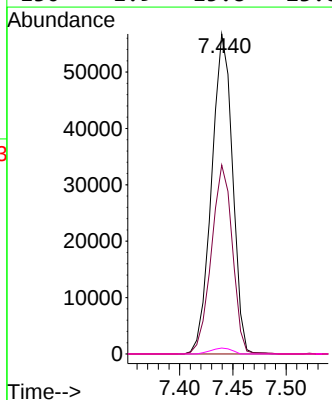
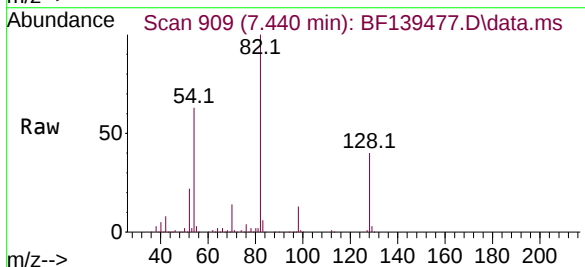
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-01

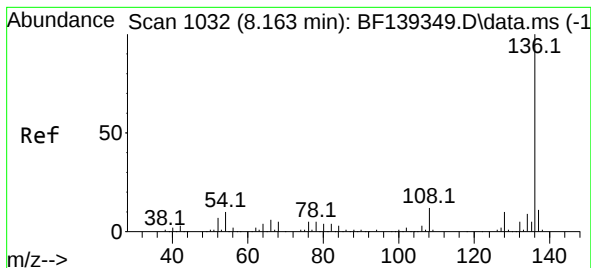
Tgt Ion: 99 Resp: 709799
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 39.6 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.083 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Tgt Ion: 70 Resp: 77544
Ion Ratio Lower Upper
70 100
42 59.0 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: BF139477.D

Acq: 19 Sep 2024 21:44

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-01

Tgt Ion:136 Resp: 317104

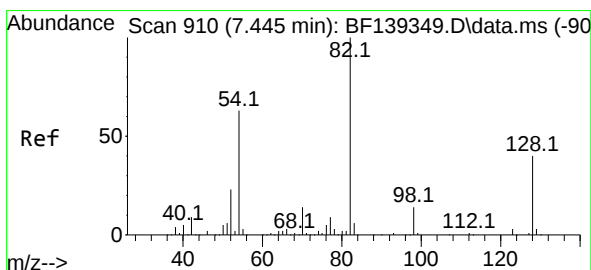
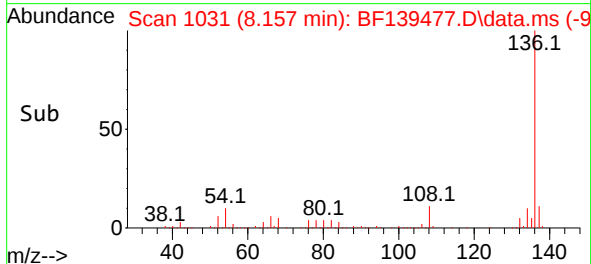
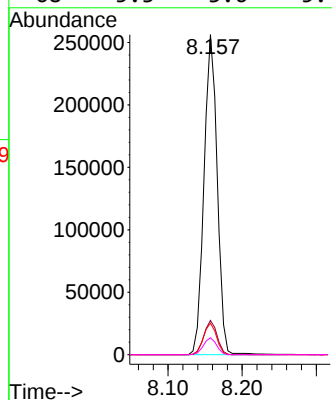
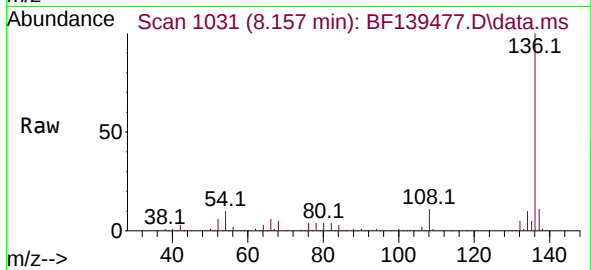
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.9 7.8 11.8

68 5.3 3.6 5.4



#23

Nitrobenzene-d5

Concen: 81.897 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139477.D

Acq: 19 Sep 2024 21:44

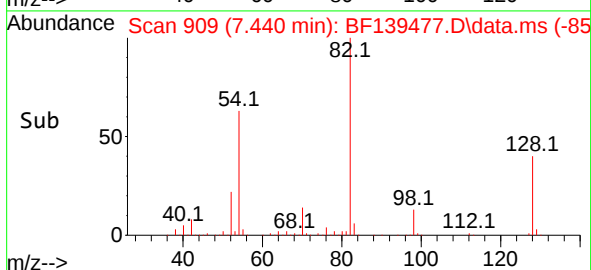
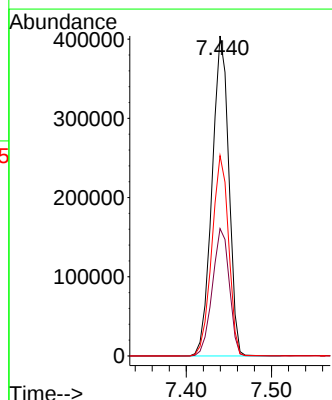
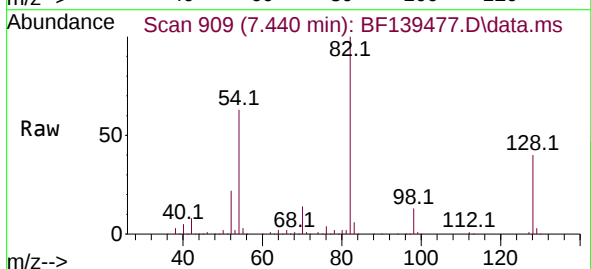
Tgt Ion: 82 Resp: 552418

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 62.6 50.6 75.8

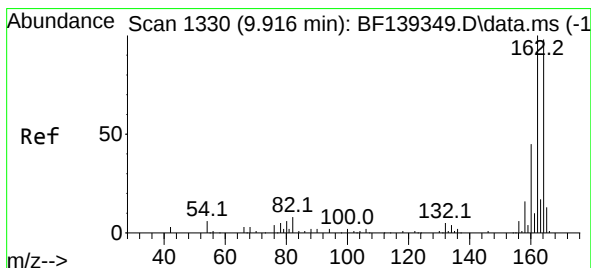
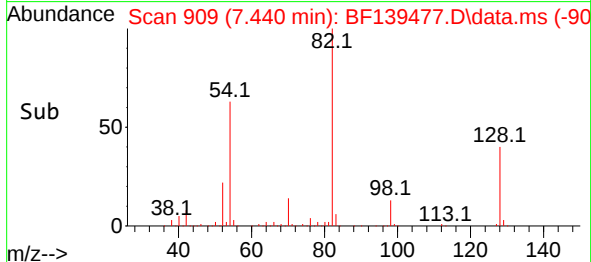
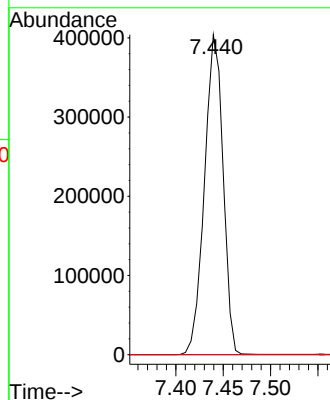
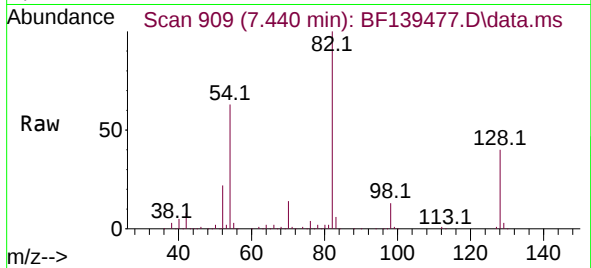




#25
Isophorone
Concen: 51.659 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

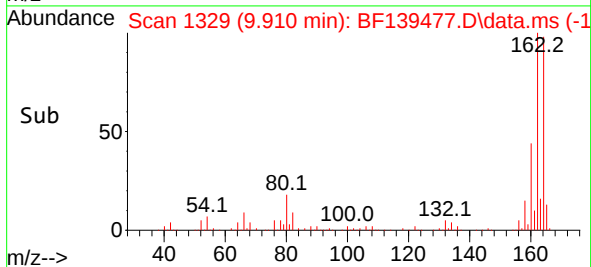
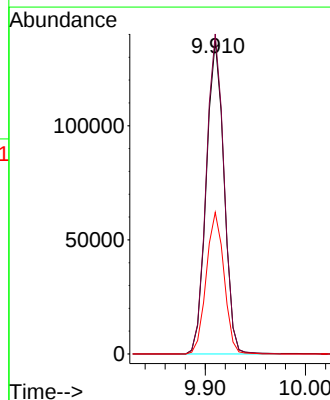
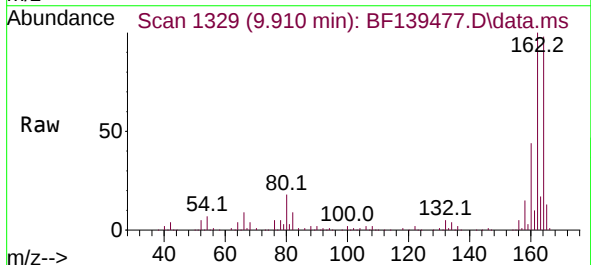
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-01

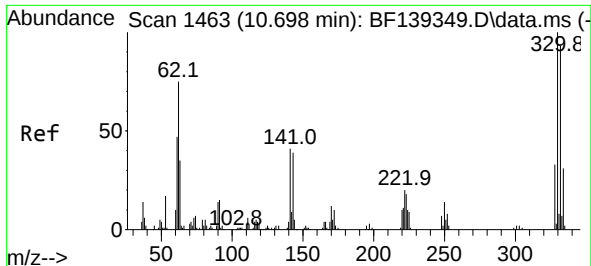
Tgt Ion: 82 Resp: 551079
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Tgt Ion:164 Resp: 168482
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 109.082 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139477.D

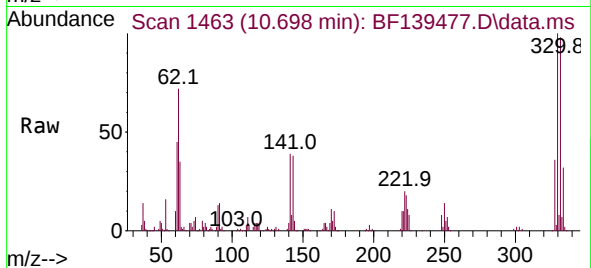
Acq: 19 Sep 2024 21:44

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-01



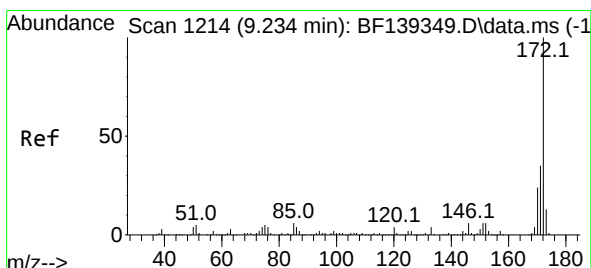
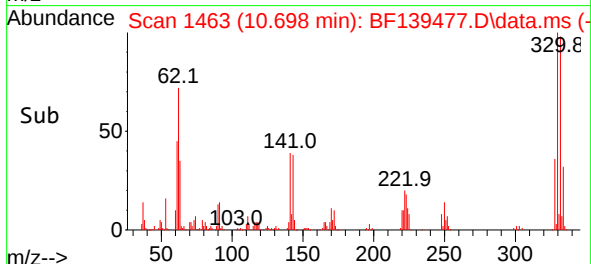
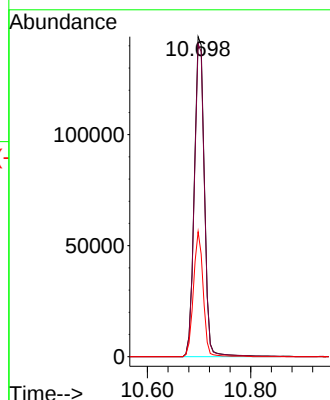
Tgt Ion:330 Resp: 195660

Ion Ratio Lower Upper

330 100

332 97.5 75.2 112.8

141 37.6 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 84.416 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139477.D

Acq: 19 Sep 2024 21:44

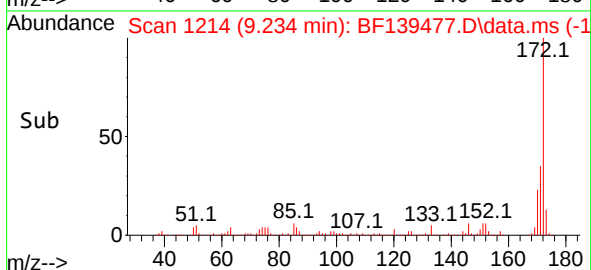
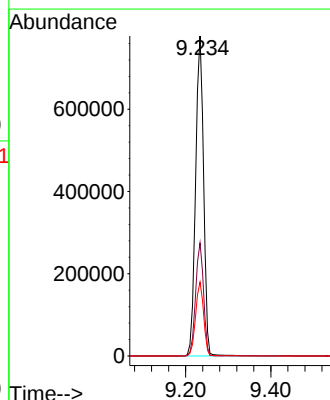
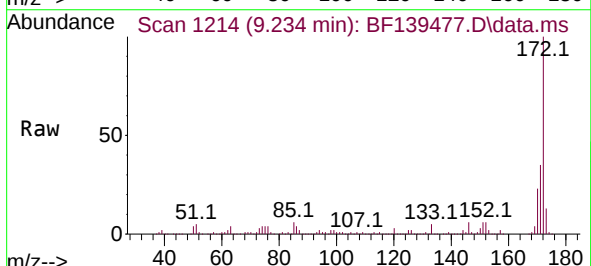
Tgt Ion:172 Resp: 1014077

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 19.0 28.6

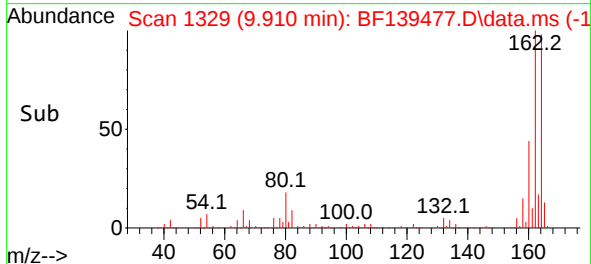
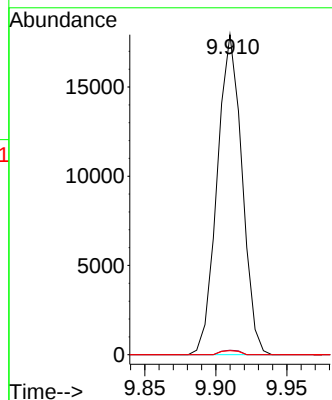
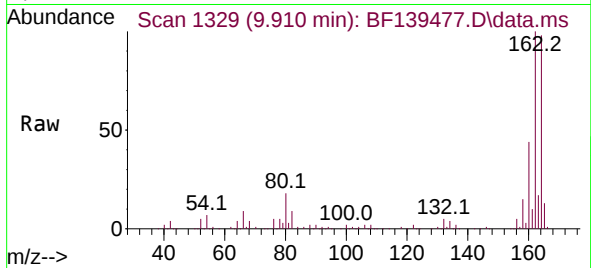




#51
2,6-Dinitrotoluene
Concen: 8.904 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

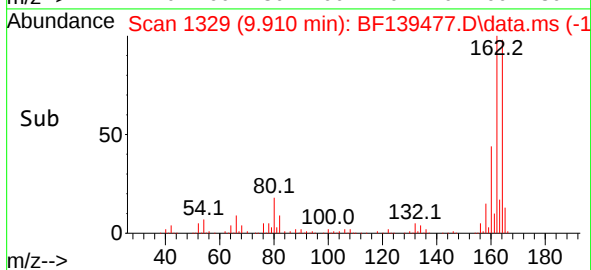
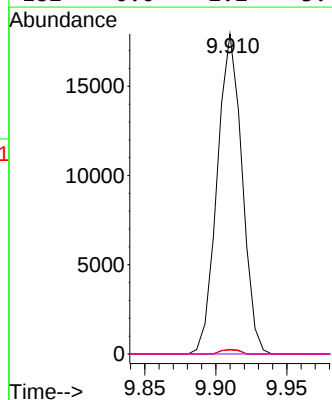
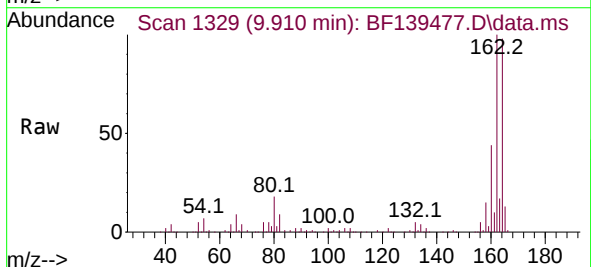
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-01

Tgt Ion:165 Resp: 21812
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.3 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.595 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Tgt Ion:165 Resp: 21812
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.3 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139477.D

Acq: 19 Sep 2024 21:44

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-01

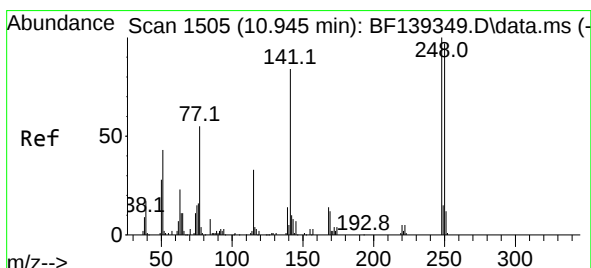
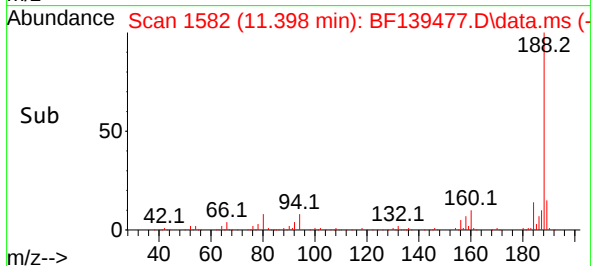
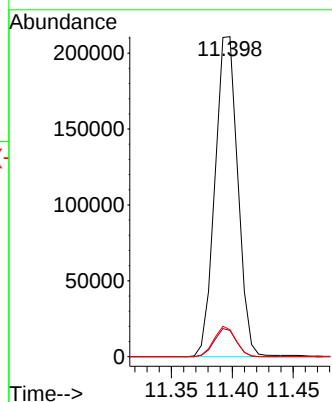
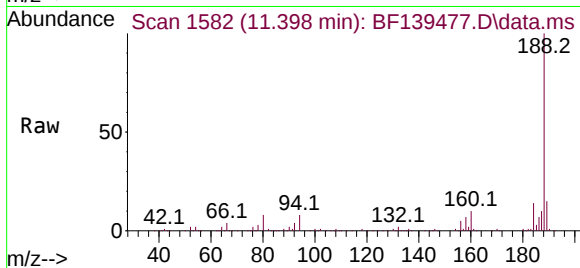
Tgt Ion:188 Resp: 275090

Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 8.5 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.092 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139477.D

Acq: 19 Sep 2024 21:44

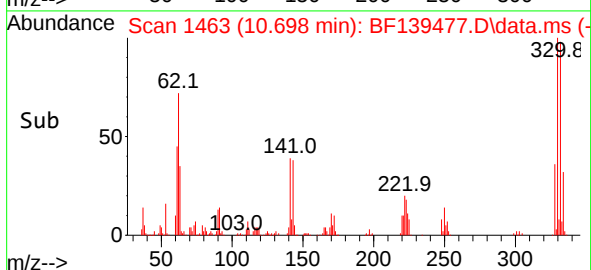
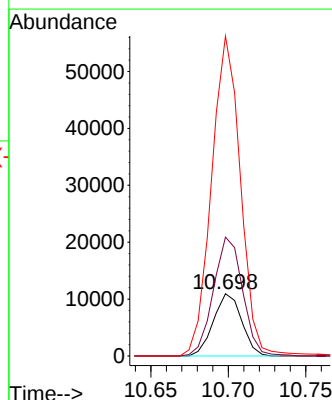
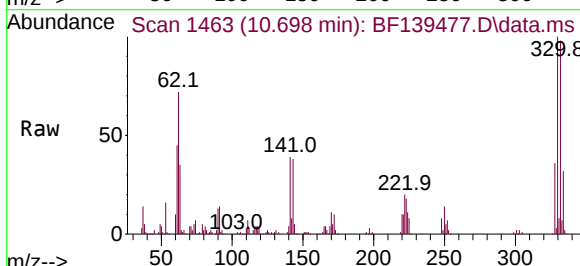
Tgt Ion:248 Resp: 13882

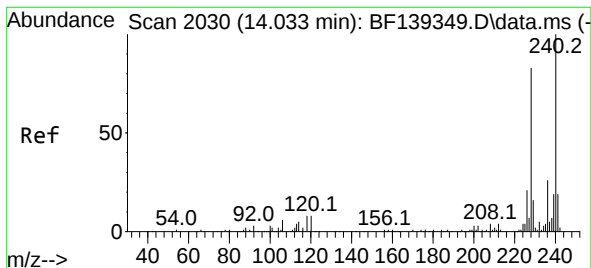
Ion Ratio Lower Upper

248 100

250 190.9 77.6 116.4#

141 513.9 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: BF139477.D

Acq: 19 Sep 2024 21:44

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-01

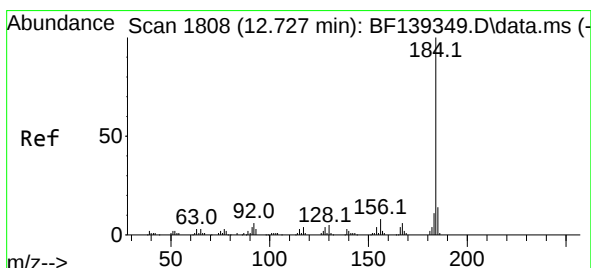
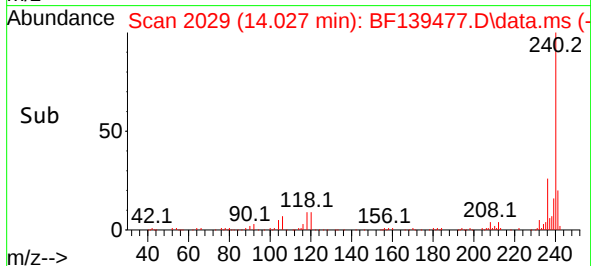
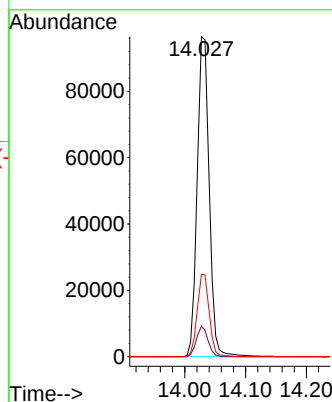
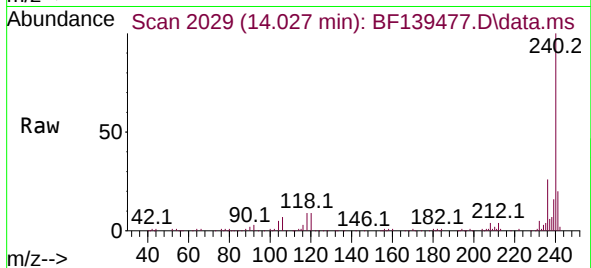
Tgt Ion:240 Resp: 132891

Ion Ratio Lower Upper

240 100

120 9.5 6.2 9.2#

236 25.8 20.9 31.3



#77

Benzidine

Concen: 5.570 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139477.D

Acq: 19 Sep 2024 21:44

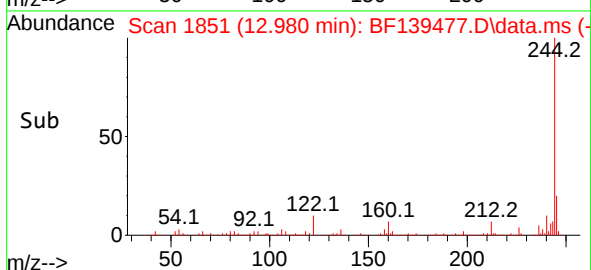
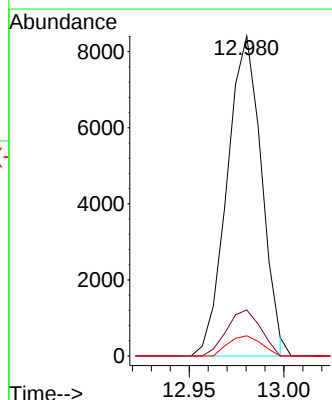
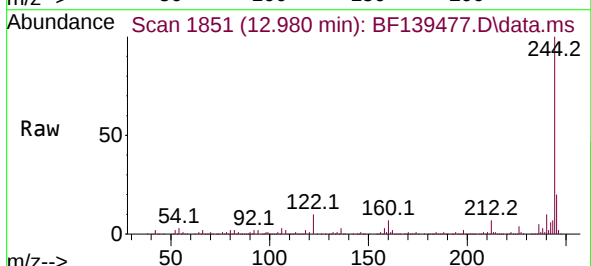
Tgt Ion:184 Resp: 10605

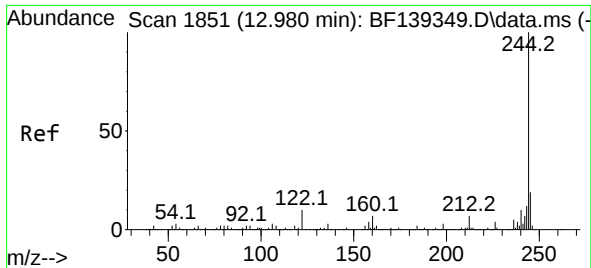
Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

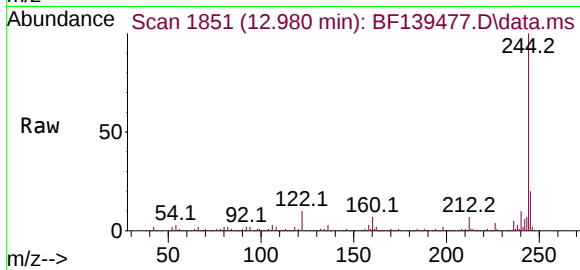
183 6.3 8.9 13.3#



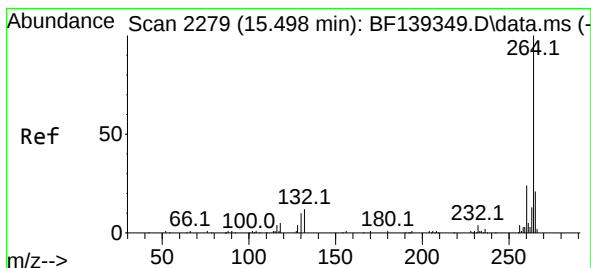
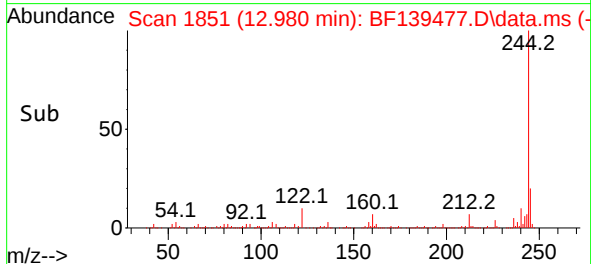
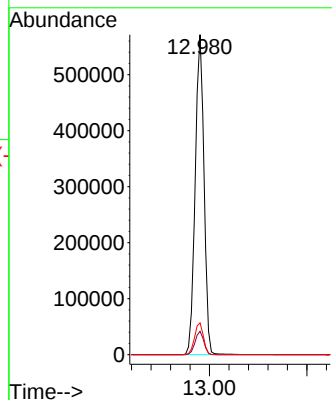


#79
Terphenyl-d14
Concen: 89.324 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-01



Tgt Ion:244 Resp: 723188
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: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Tgt Ion:264 Resp: 104433
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 20.9 16.6 25.0

