

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139465.D
 Acq On : 19 Sep 2024 15:34
 Operator : RC/JU
 Sample : P4087-07RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-02

Quant Time: Sep 19 16:11:58 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)

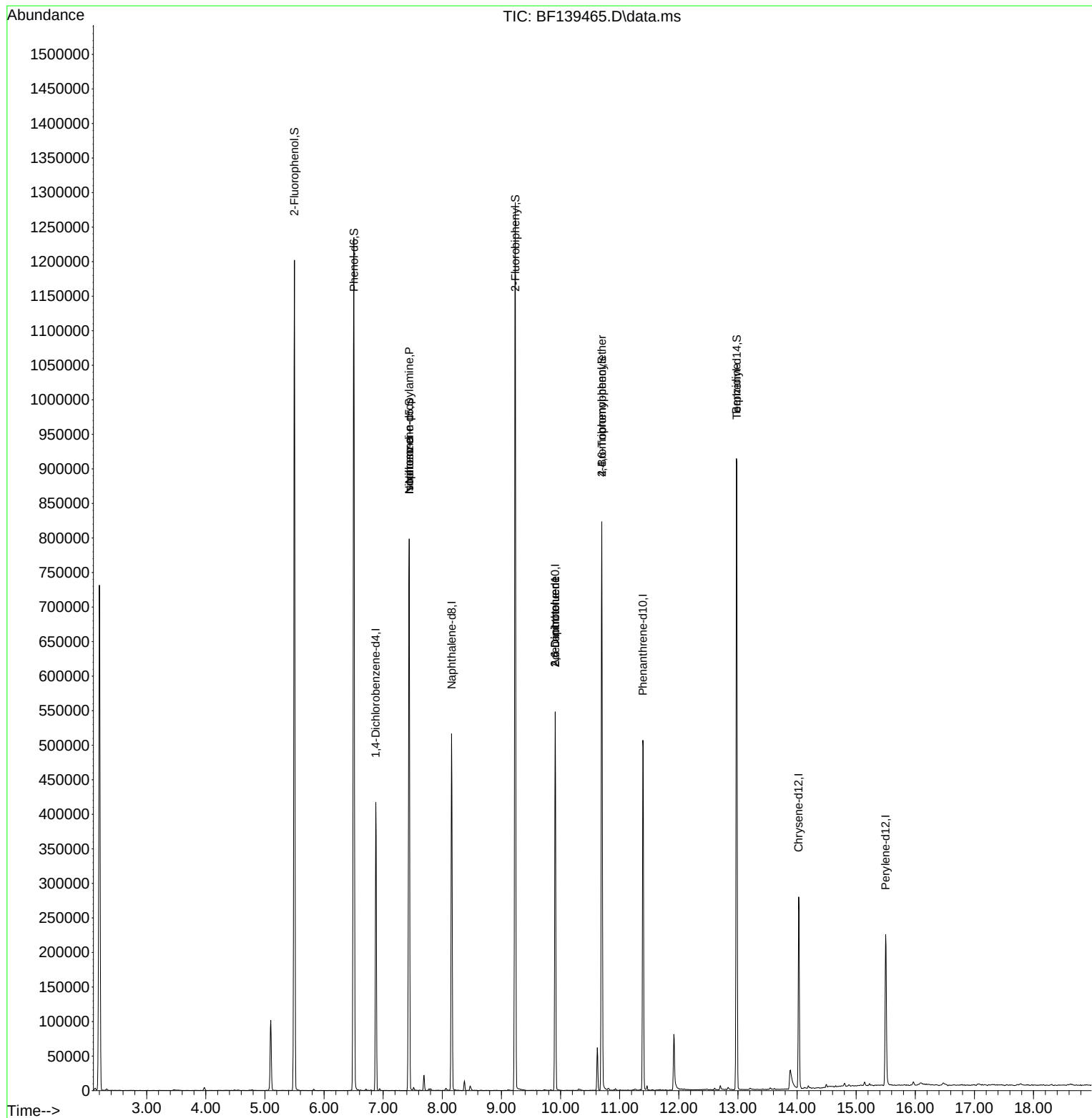
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80563	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299732	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	155103	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	275535	20.000	ng	0.00
76) Chrysene-d12	14.027	240	132508	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	133313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	387480	78.462	ng	0.00
7) Phenol-d6	6.504	99	533669	82.331	ng	0.00
23) Nitrobenzene-d5	7.440	82	338192	53.044	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	120429	72.932	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	548708	49.617	ng	0.00
79) Terphenyl-d14	12.980	244	449156	55.637	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	47367	12.331	ng	# 73
25) Isophorone	7.440	82	336833	33.405	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19965	8.853	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19965	6.557	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	8443	3.092	ng	# 1
77) Benzidine	12.975	184	6366	3.353	ng	# 90

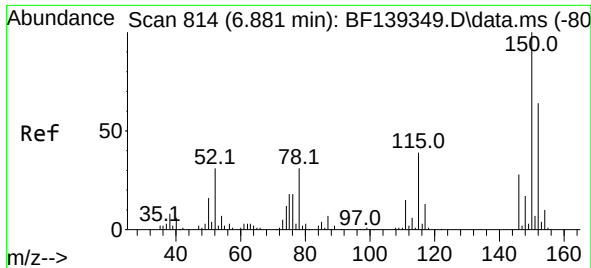
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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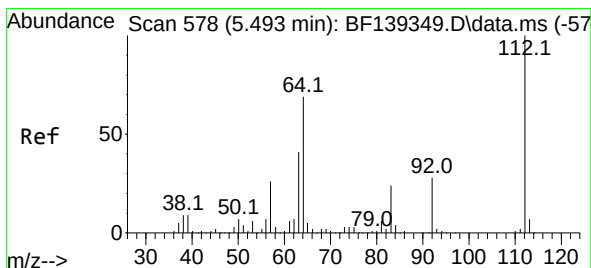
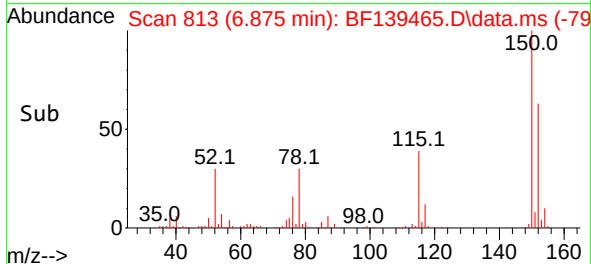
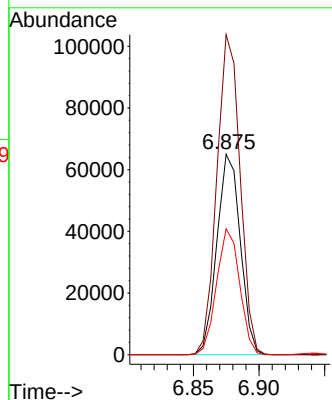
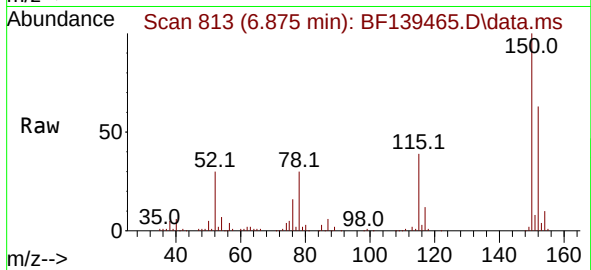




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

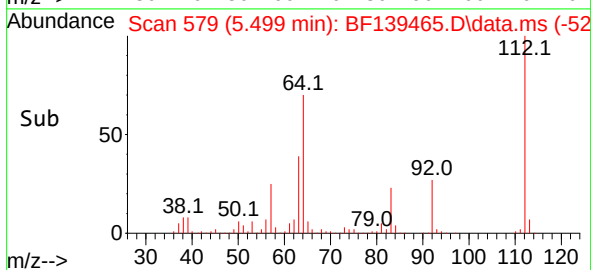
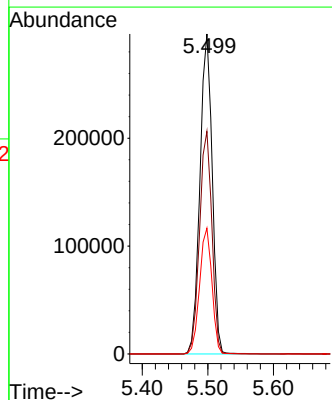
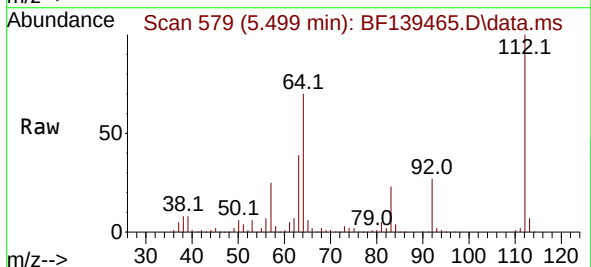
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02

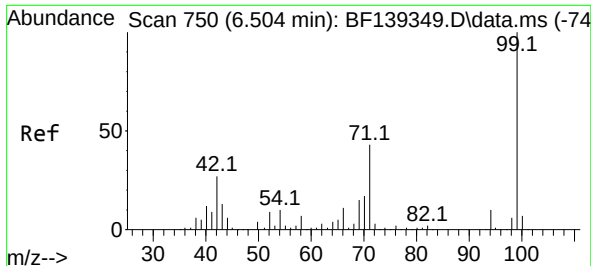
Tgt Ion:152 Resp: 80563
Ion Ratio Lower Upper
152 100
150 159.7 124.1 186.1
115 62.9 48.1 72.1



#5
2-Fluorophenol
Concen: 78.462 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

Tgt Ion:112 Resp: 387480
Ion Ratio Lower Upper
112 100
64 69.6 54.8 82.2
63 39.3 33.0 49.4





#7

Phenol-d6

Concen: 82.331 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139465.D

Acq: 19 Sep 2024 15:34

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-02

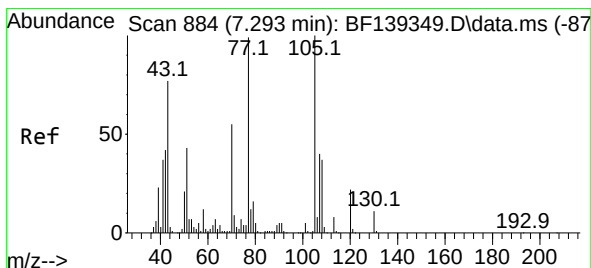
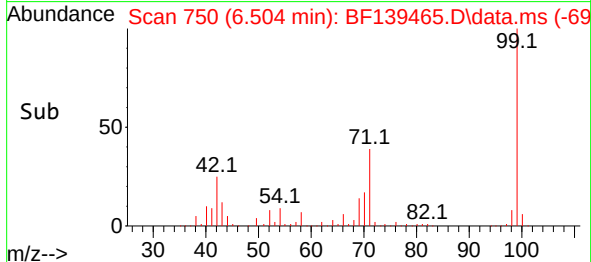
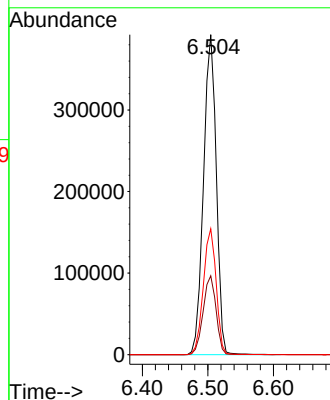
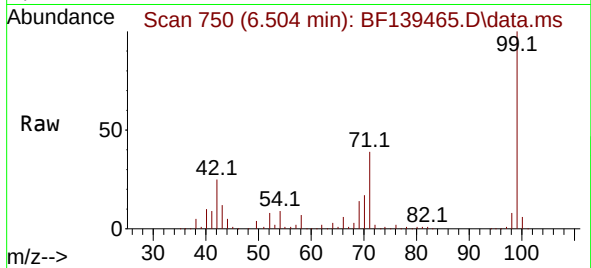
Tgt Ion: 99 Resp: 533669

Ion Ratio Lower Upper

99 100

42 24.6 21.9 32.9

71 39.3 34.6 52.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.331 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF139465.D

Acq: 19 Sep 2024 15:34

Tgt Ion: 70 Resp: 47367

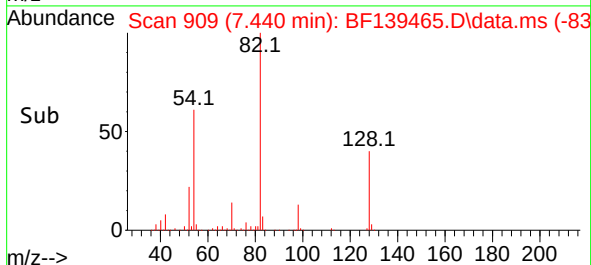
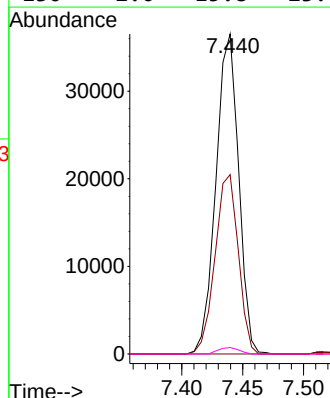
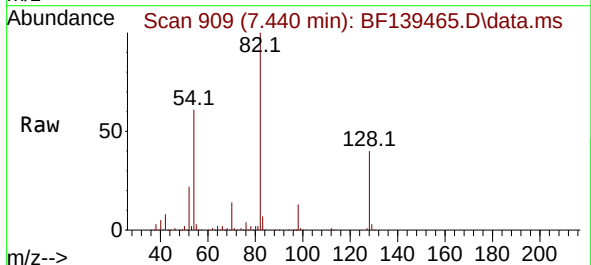
Ion Ratio Lower Upper

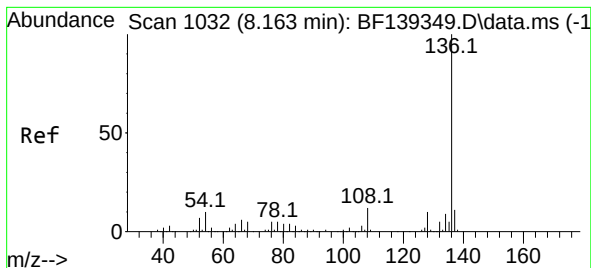
70 100

42 56.0 61.2 91.8#

101 0.0 7.5 11.3#

130 2.0 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139465.D

Acq: 19 Sep 2024 15:34

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-02

Tgt Ion:136 Resp: 299732

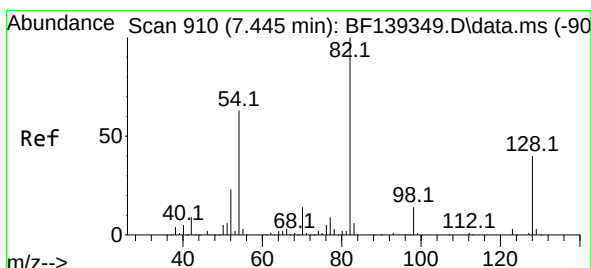
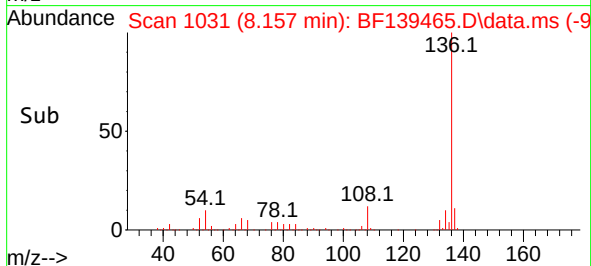
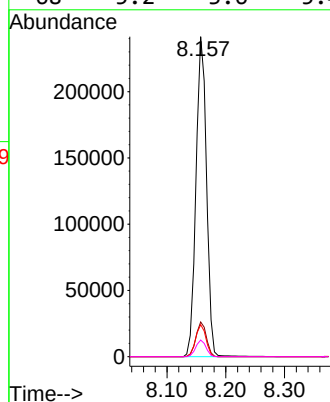
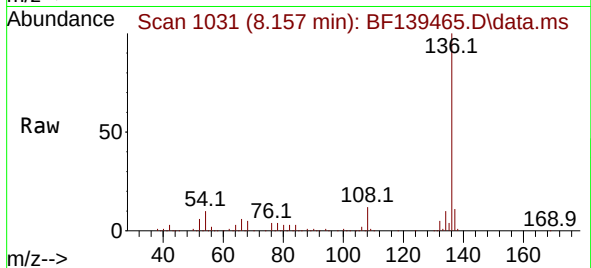
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 10.0 7.8 11.8

68 5.2 3.6 5.4



#23

Nitrobenzene-d5

Concen: 53.044 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139465.D

Acq: 19 Sep 2024 15:34

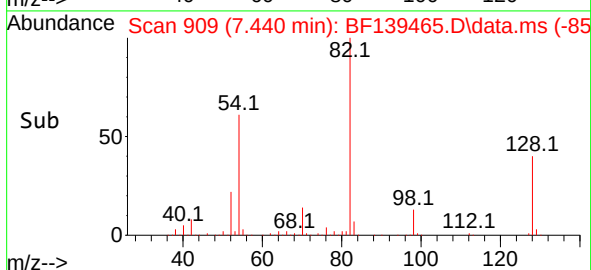
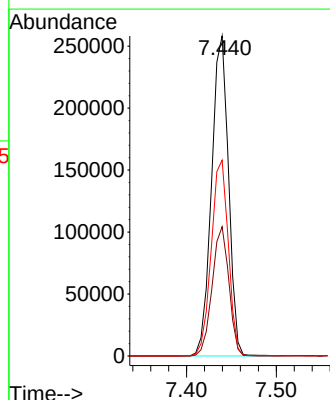
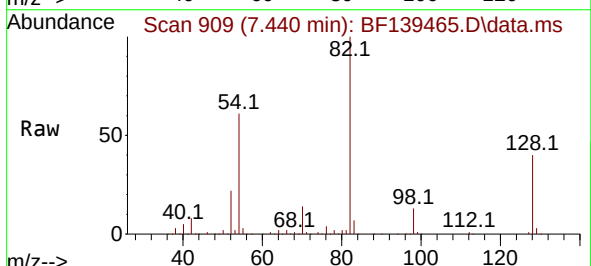
Tgt Ion: 82 Resp: 338192

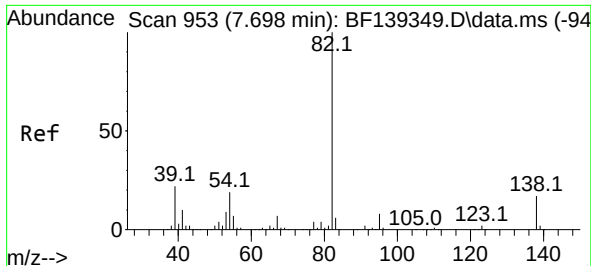
Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

54 61.2 50.6 75.8

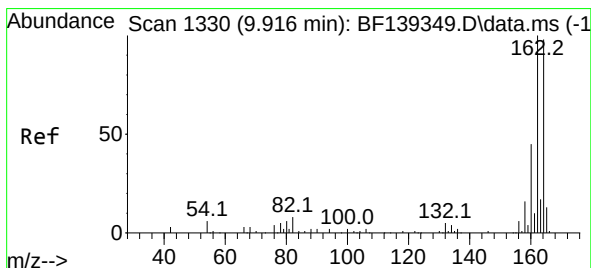
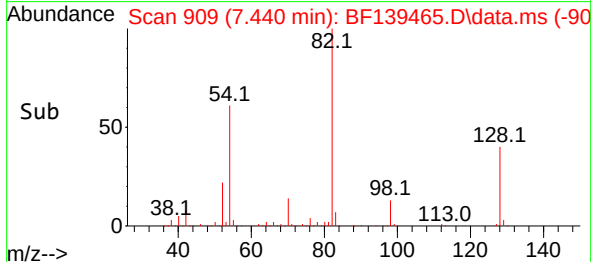
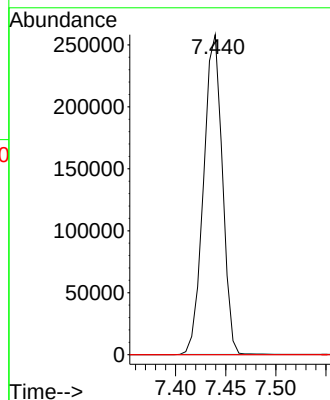
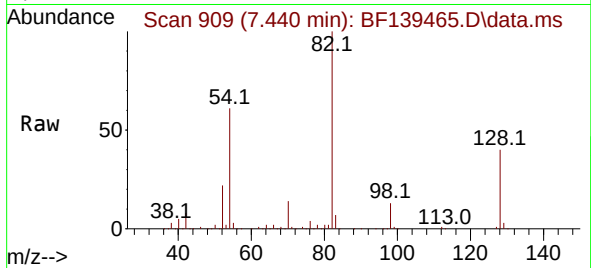




#25
Isophorone
Concen: 33.405 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

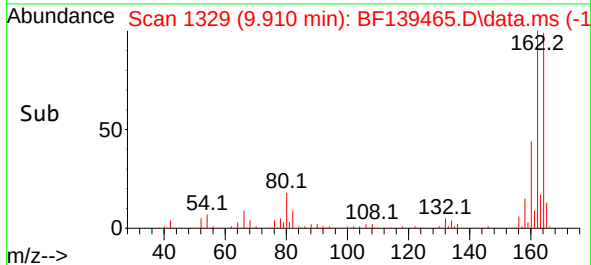
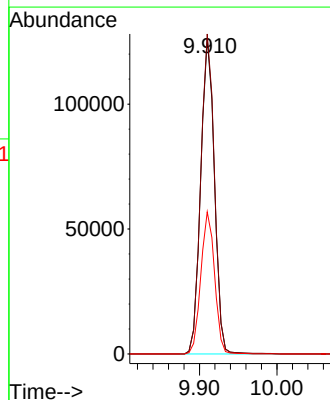
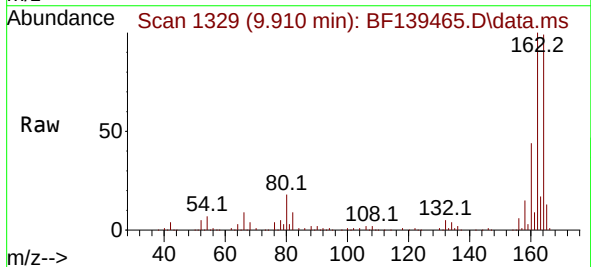
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02

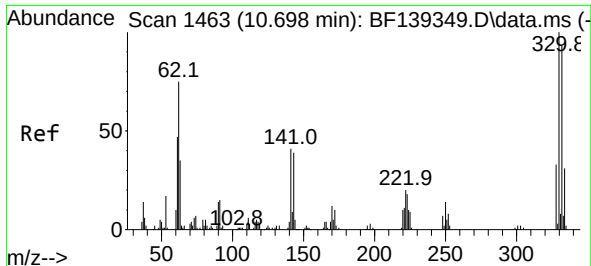
Tgt Ion: 82 Resp: 336833
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

Tgt Ion:164 Resp: 155103
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 72.932 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139465.D

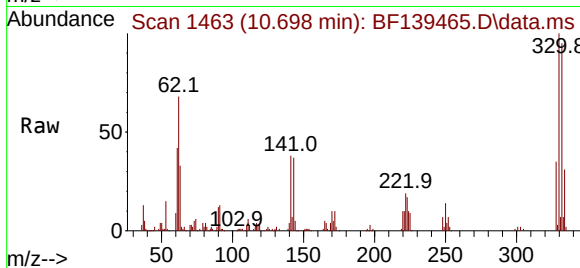
Acq: 19 Sep 2024 15:34

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-02



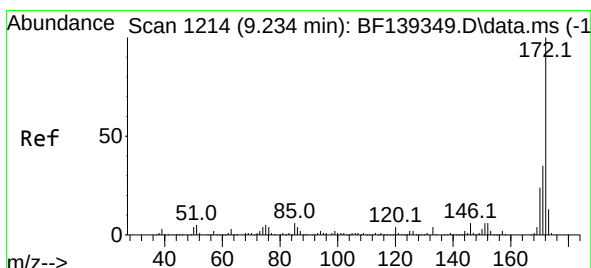
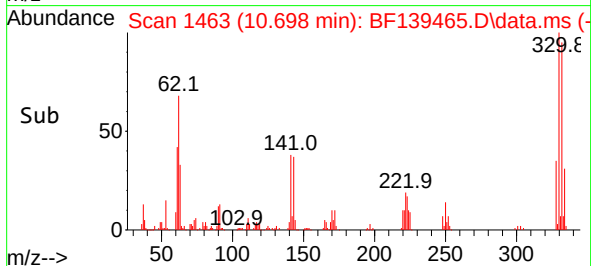
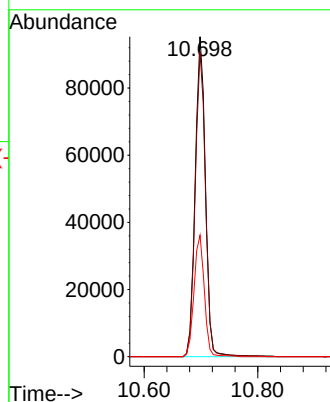
Tgt Ion:330 Resp: 120429

Ion Ratio Lower Upper

330 100

332 95.4 75.2 112.8

141 38.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 49.617 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139465.D

Acq: 19 Sep 2024 15:34

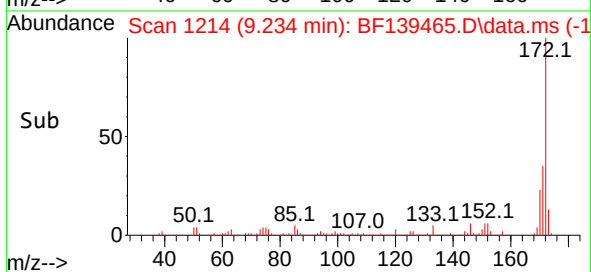
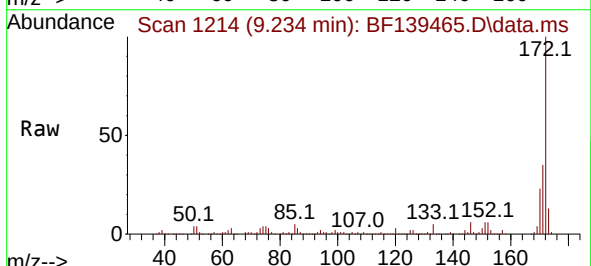
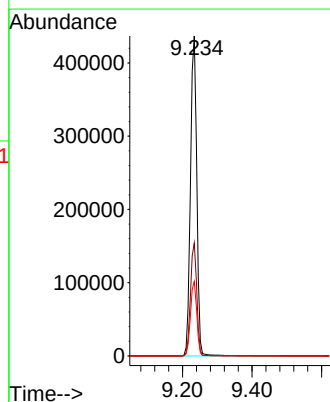
Tgt Ion:172 Resp: 548708

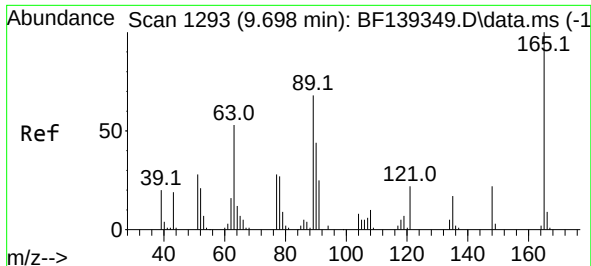
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.3 19.0 28.6

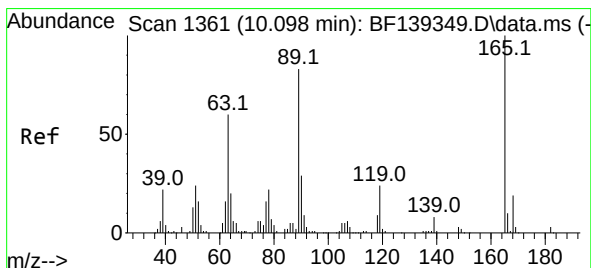
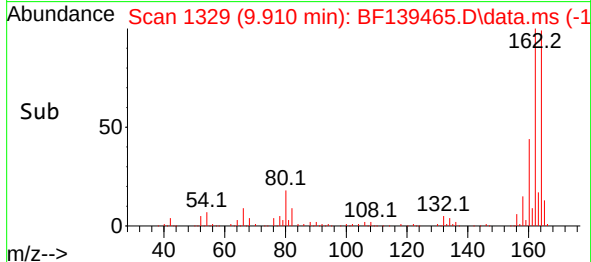
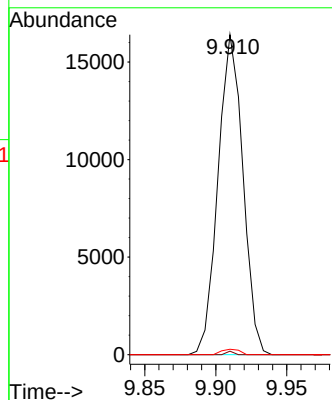
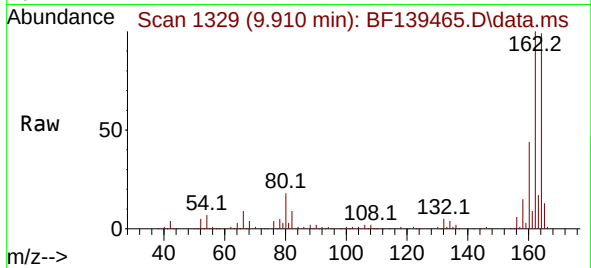




#51
2,6-Dinitrotoluene
Concen: 8.853 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

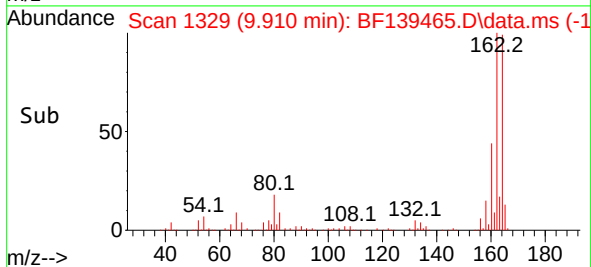
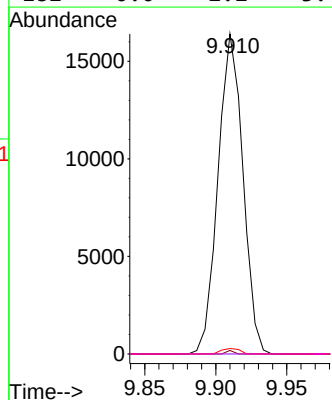
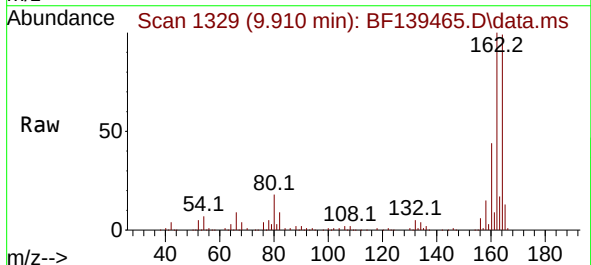
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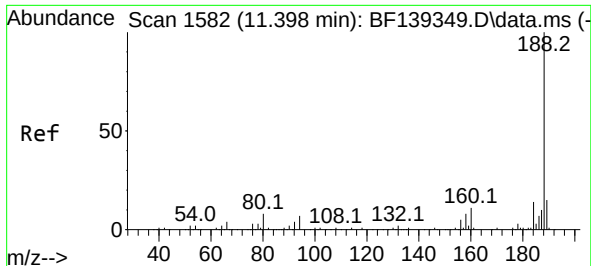
Tgt Ion:165 Resp: 19965
Ion Ratio Lower Upper
165 100
63 1.1 60.9 91.3#
89 1.7 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.557 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

Tgt Ion:165 Resp: 19965
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.6#
89 1.7 66.7 100.1#
182 0.0 2.2 3.4#

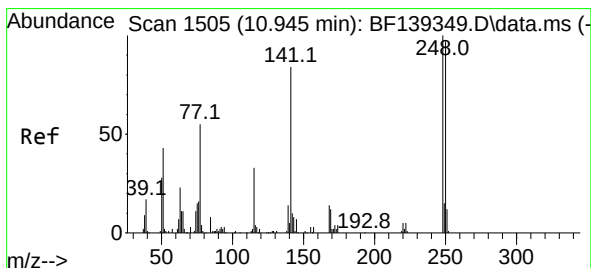
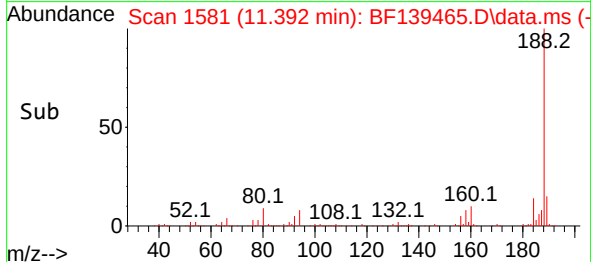
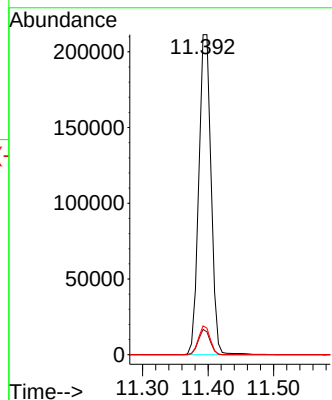
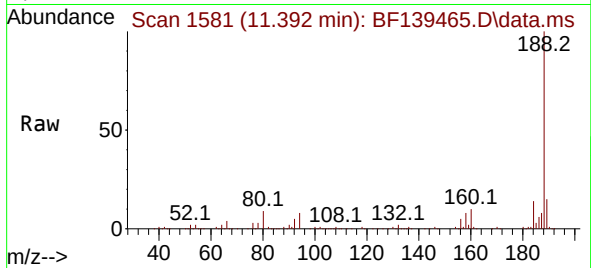




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

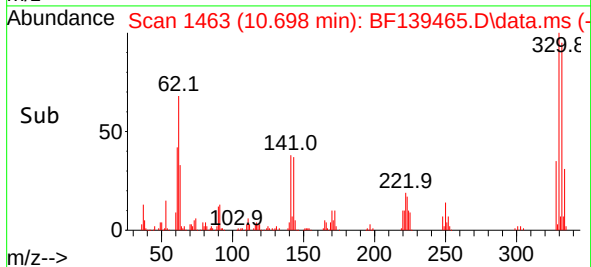
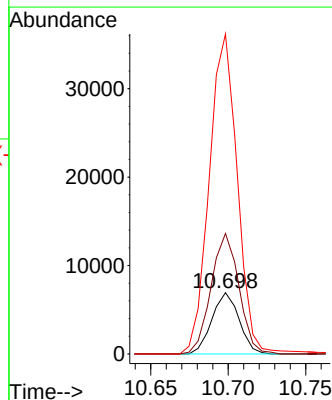
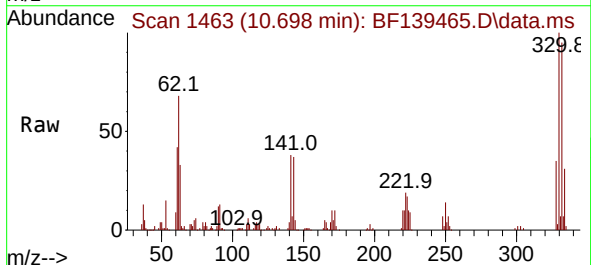
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02

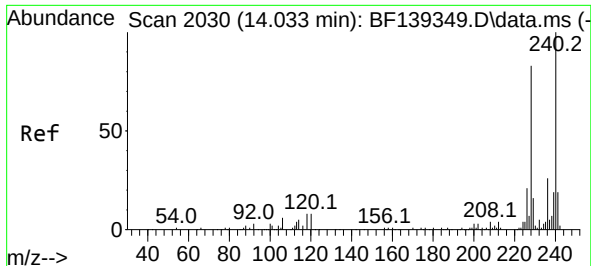
Tgt Ion:188 Resp: 275535
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 9.0 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 3.092 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

Tgt Ion:248 Resp: 8443
Ion Ratio Lower Upper
248 100
250 196.3 77.6 116.4#
141 521.7 66.9 100.3#

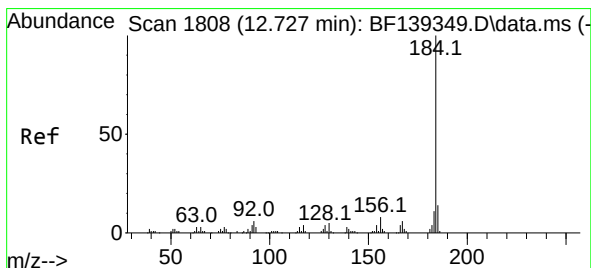
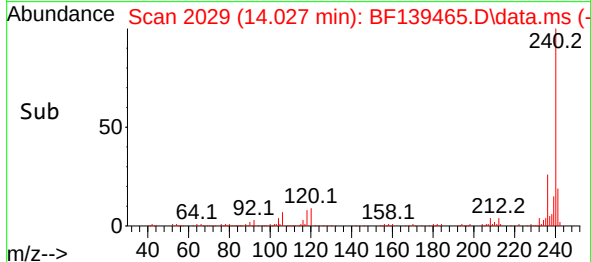
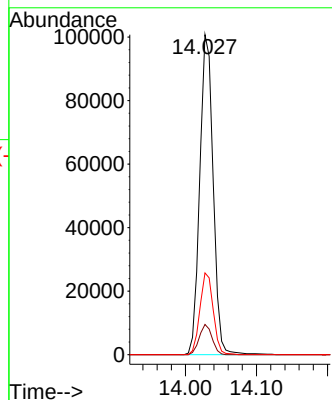
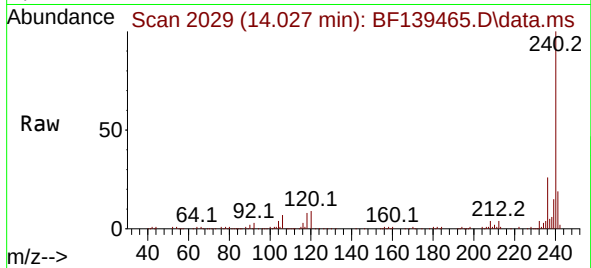




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

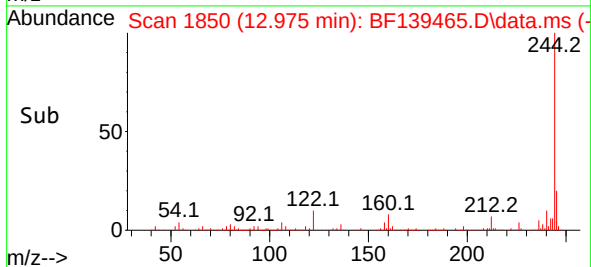
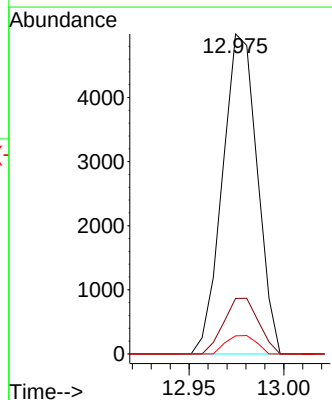
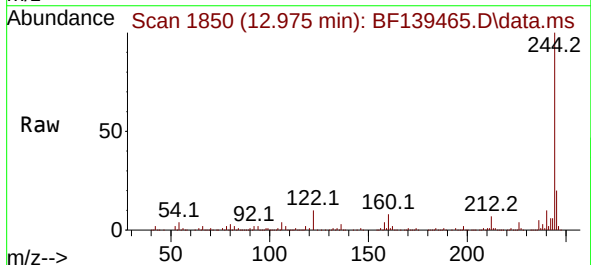
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02

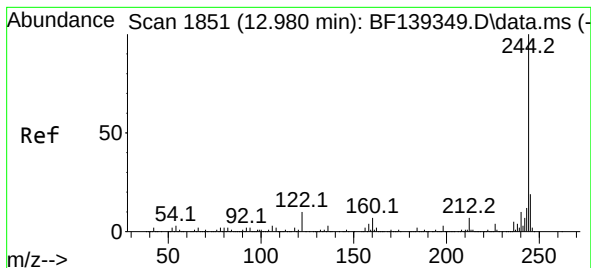
Tgt Ion:240 Resp: 132508
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 25.6 20.9 31.3



#77
Benzidine
Concen: 3.353 ng
RT: 12.975 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139465.D
Acq: 19 Sep 2024 15:34

Tgt Ion:184 Resp: 6366
Ion Ratio Lower Upper
184 100
185 17.4 11.5 17.3#
183 5.7 8.9 13.3#





#79

Terphenyl-d14

Concen: 55.637 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139465.D

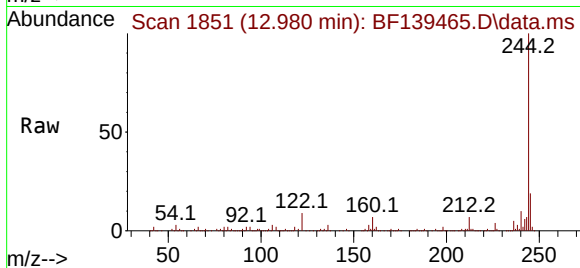
Acq: 19 Sep 2024 15:34

Instrument :

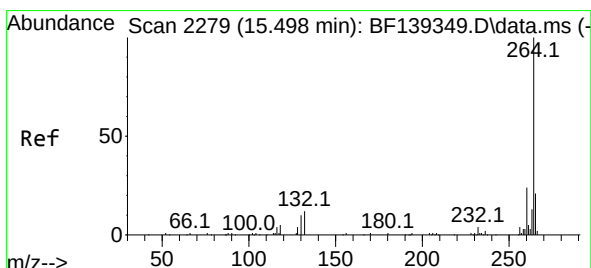
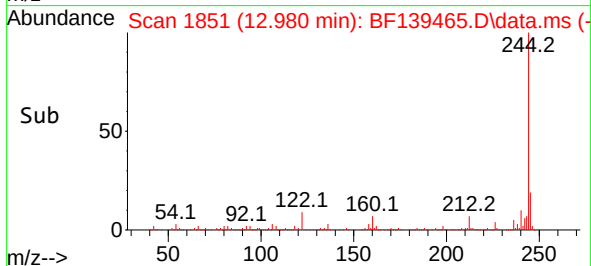
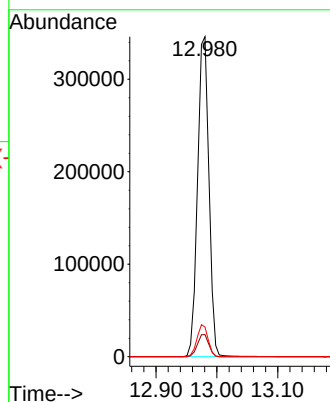
BNA_F

ClientSampleId :

NB-614-COMP-02



Tgt Ion:	244	Resp:	449156
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	9.2	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: BF139465.D

Acq: 19 Sep 2024 15:34

Tgt Ion:	264	Resp:	133313
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.5	29.3
265	21.2	16.6	25.0

