

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139463.D
 Acq On : 19 Sep 2024 14:37
 Operator : RC/JU
 Sample : P4087-19RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

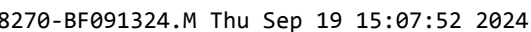
Quant Time: Sep 19 15:04:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

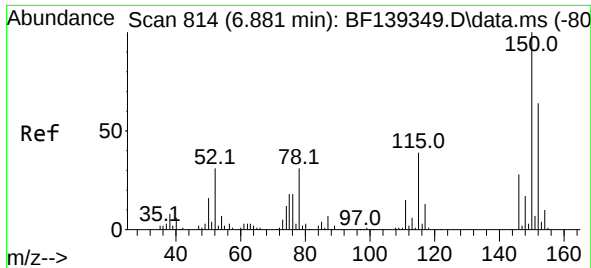
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	76322	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	280726	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	147587	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	251074	20.000	ng	0.00
76) Chrysene-d12	14.027	240	122904	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	122424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	390893	83.552	ng	0.00
7) Phenol-d6	6.504	99	536186	87.315	ng	0.00
23) Nitrobenzene-d5	7.440	82	342928	57.428	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	122544	77.992	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	605125	57.505	ng	0.00
79) Terphenyl-d14	12.980	244	509022	67.980	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	47613	13.084	ng	# 75
25) Isophorone	7.440	82	342924	36.312	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	18879	8.798	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	18879	6.516	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	8544	3.434	ng	# 1
77) Benzidine	12.980	184	7197	4.087	ng	# 90

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

Quant Time: Sep 19 15:04:18 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

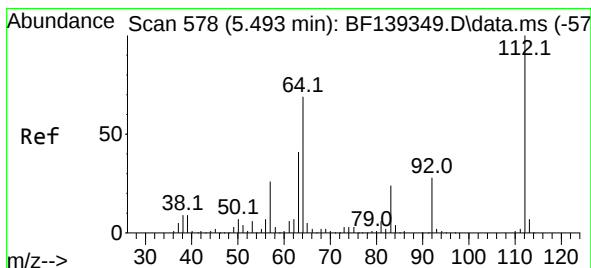
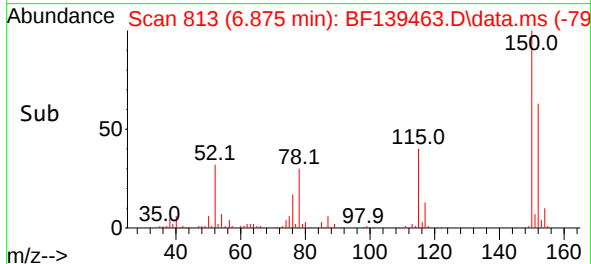
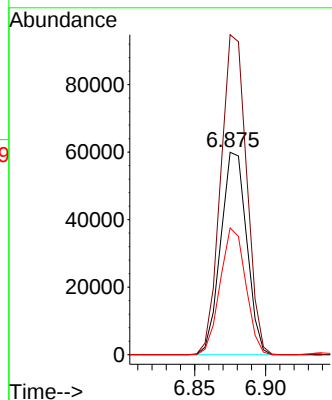
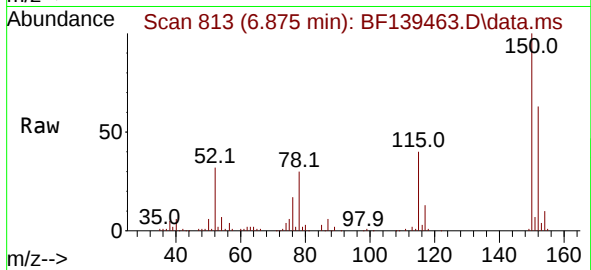




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

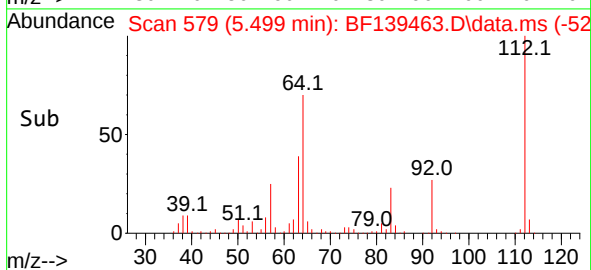
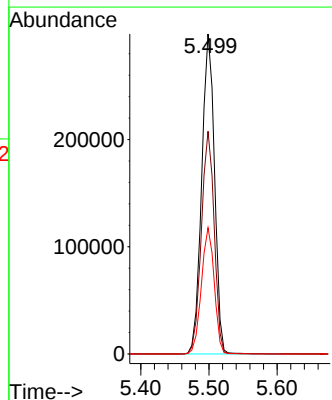
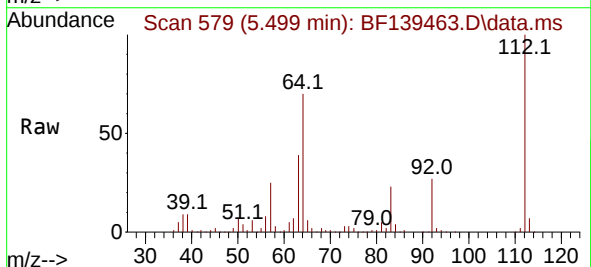
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-04

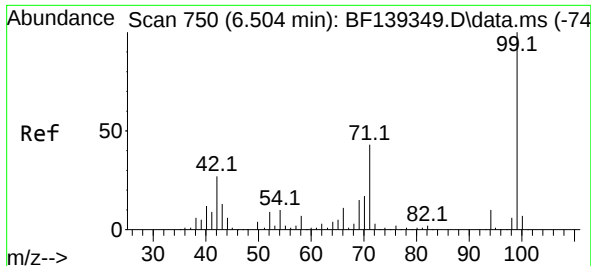
Tgt Ion:152 Resp: 76322
Ion Ratio Lower Upper
152 100
150 158.1 124.1 186.1
115 62.6 48.1 72.1



#5
2-Fluorophenol
Concen: 83.552 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

Tgt Ion:112 Resp: 390893
Ion Ratio Lower Upper
112 100
64 69.6 54.8 82.2
63 39.4 33.0 49.4

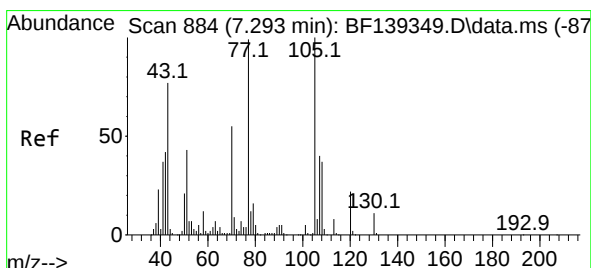
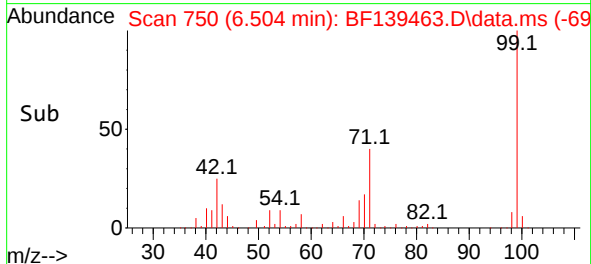
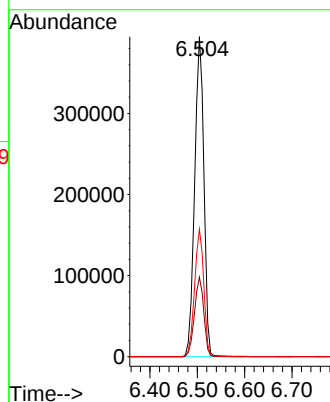
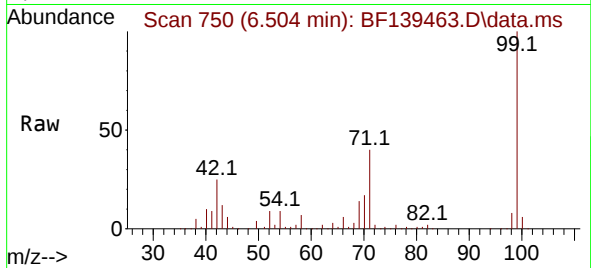




#7
Phenol-d6
Concen: 87.315 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

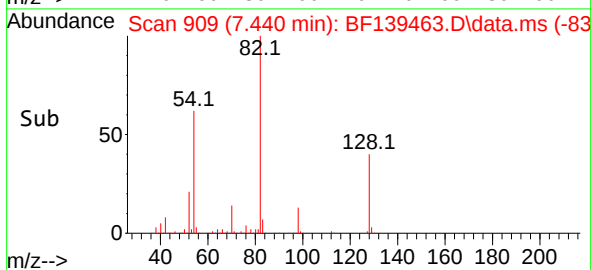
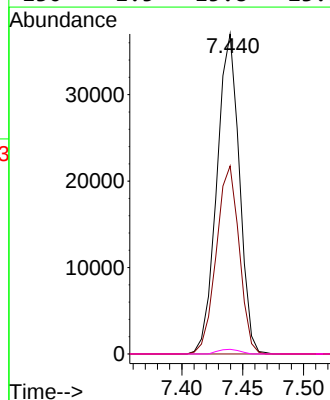
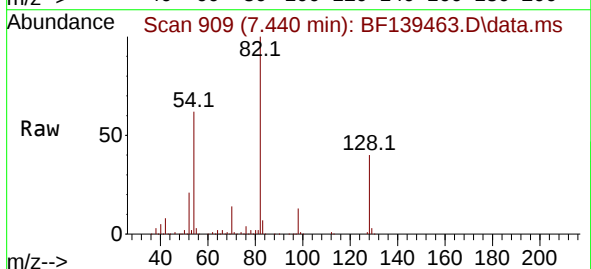
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-04

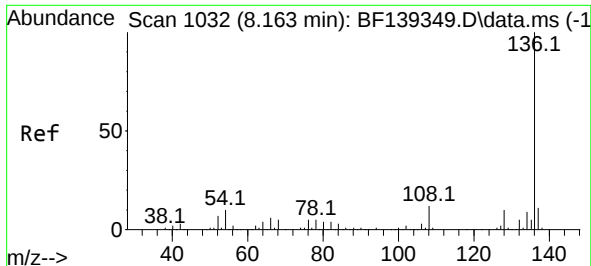
Tgt Ion: 99 Resp: 536186
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.084 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

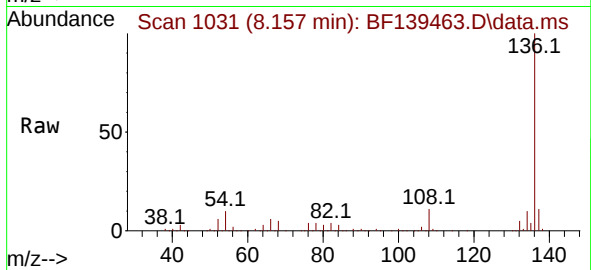
Tgt Ion: 70 Resp: 47613
Ion Ratio Lower Upper
70 100
42 58.8 61.2 91.8#
101 0.0 7.5 11.3#
130 1.5 15.8 23.8#



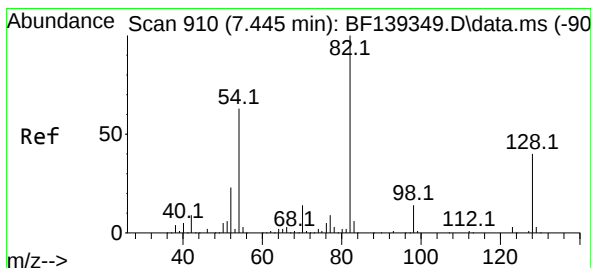
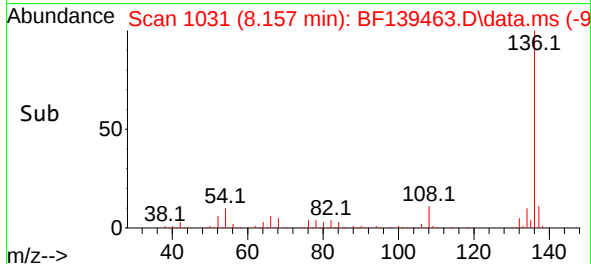
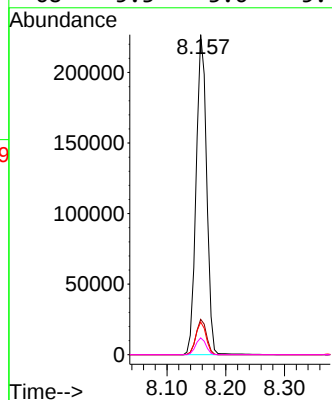


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

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

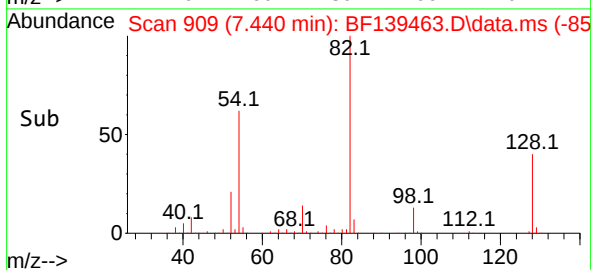
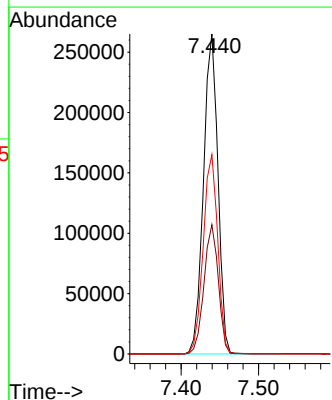
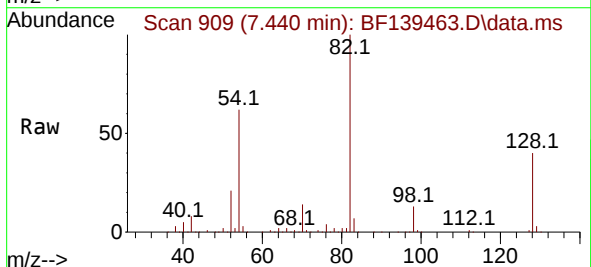


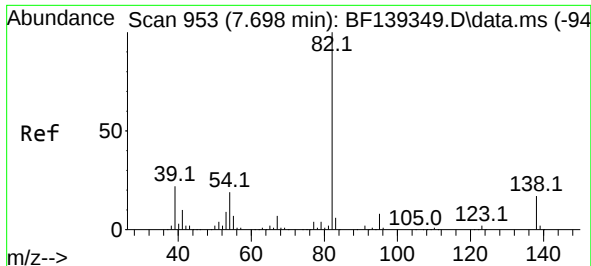
Tgt Ion:136 Resp: 280726
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.2 7.8 11.8
68 5.3 3.6 5.4



#23
Nitrobenzene-d5
Concen: 57.428 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

Tgt Ion: 82 Resp: 342928
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 62.3 50.6 75.8

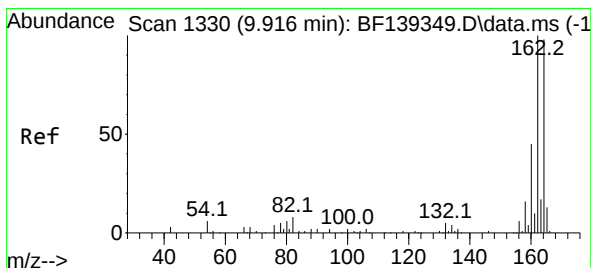
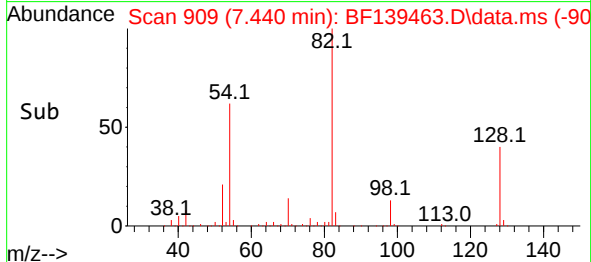
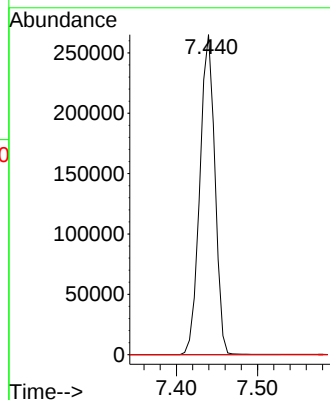
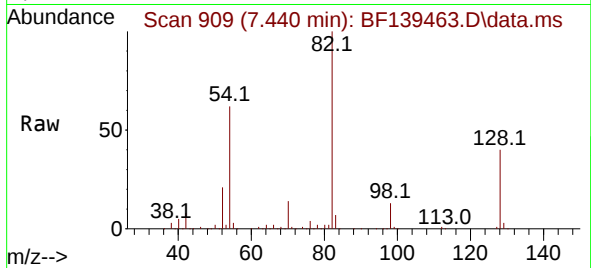




#25
Isophorone
Concen: 36.312 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

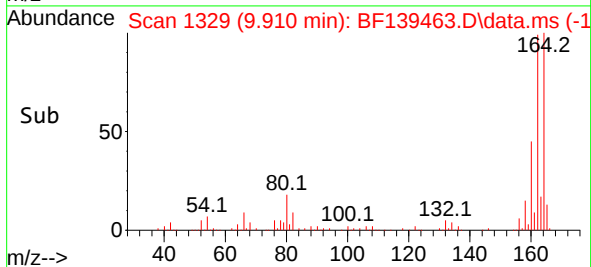
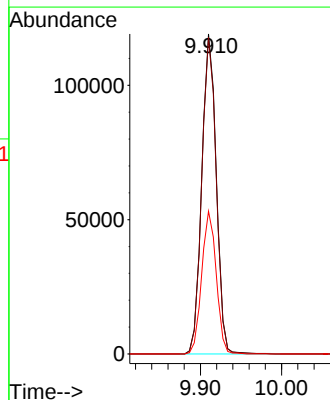
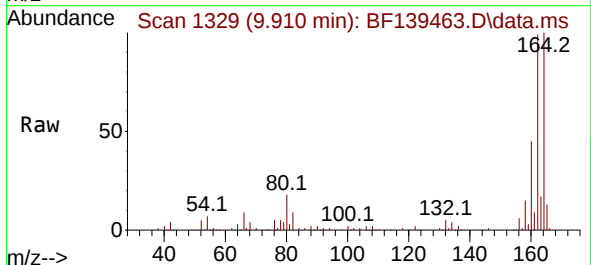
Instrument :
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ClientSampleId :
NB-614-COMP-04

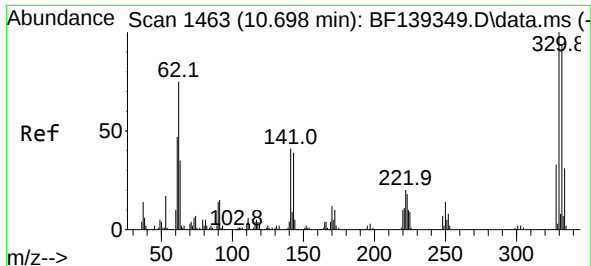
Tgt Ion: 82 Resp: 342924
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

Tgt Ion:164 Resp: 147587
Ion Ratio Lower Upper
164 100
162 99.0 81.3 121.9
160 44.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 77.992 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139463.D

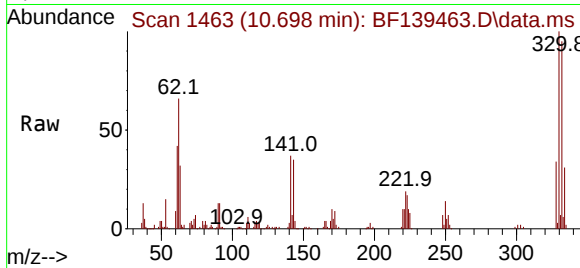
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Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-04



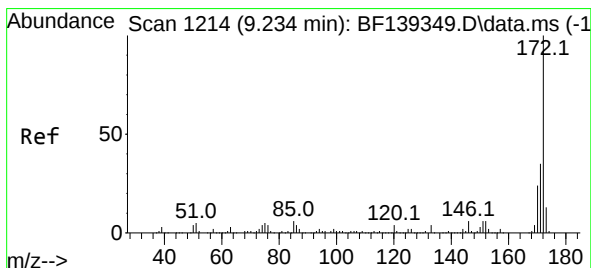
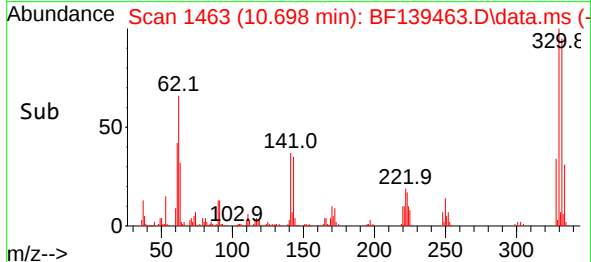
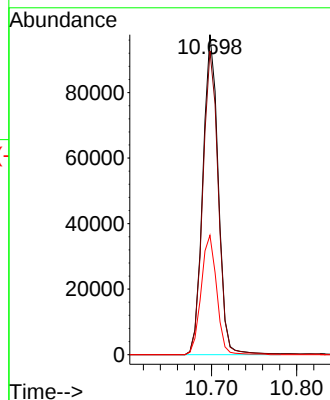
Tgt Ion:330 Resp: 122544

Ion Ratio Lower Upper

330 100

332 95.6 75.2 112.8

141 37.6 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 57.505 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139463.D

Acq: 19 Sep 2024 14:37

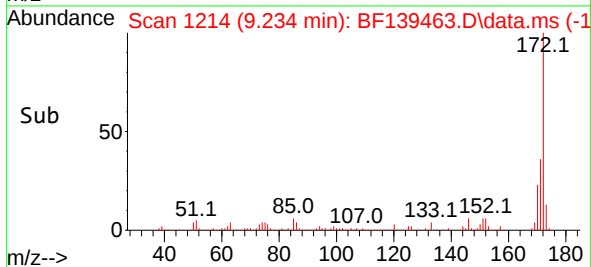
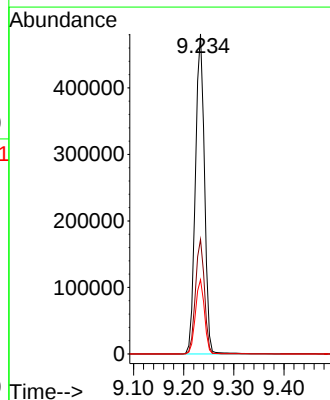
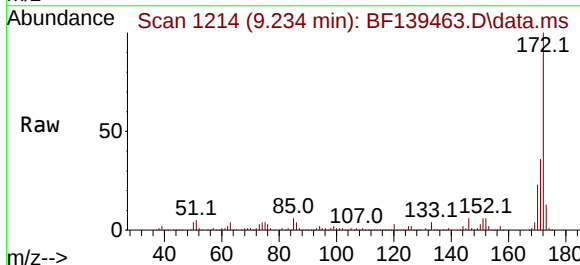
Tgt Ion:172 Resp: 605125

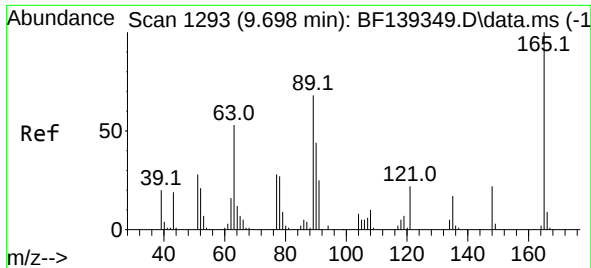
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.2 19.0 28.6

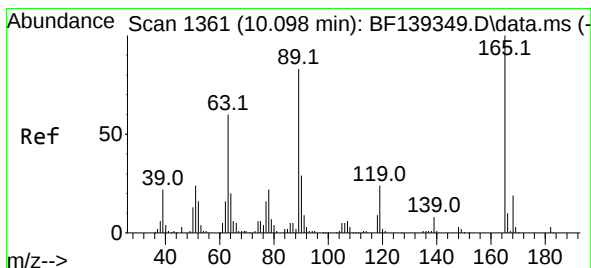
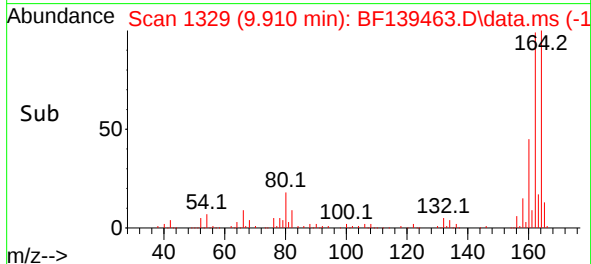
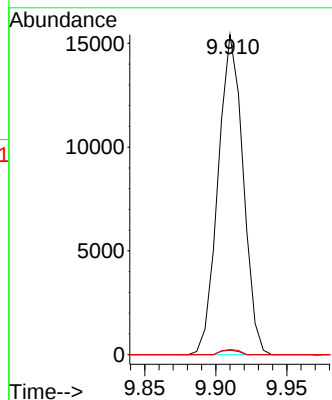
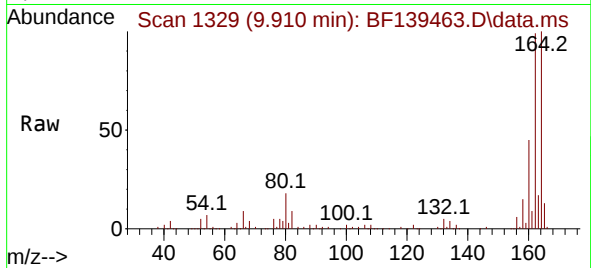




#51
2,6-Dinitrotoluene
Concen: 8.798 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

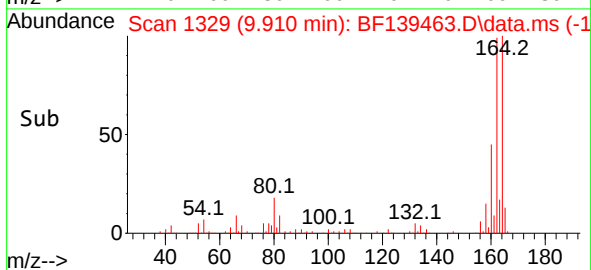
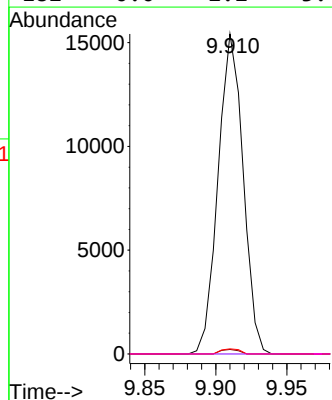
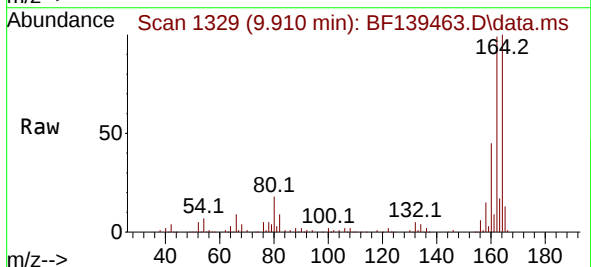
Instrument :
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NB-614-COMP-04

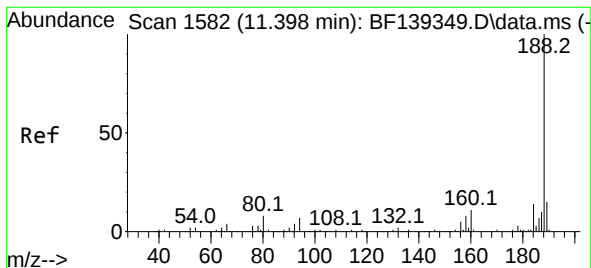
Tgt Ion:165 Resp: 18879
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.6 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.516 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139463.D
Acq: 19 Sep 2024 14:37

Tgt Ion:165 Resp: 18879
Ion Ratio Lower Upper
165 100
63 1.4 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: BF139463.D

Acq: 19 Sep 2024 14:37

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-04

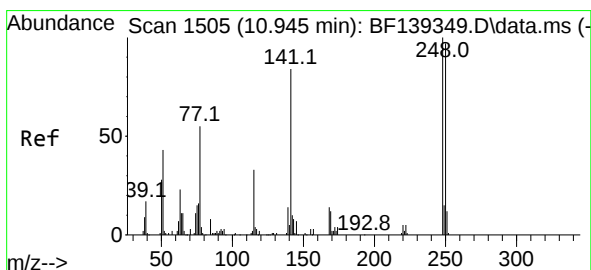
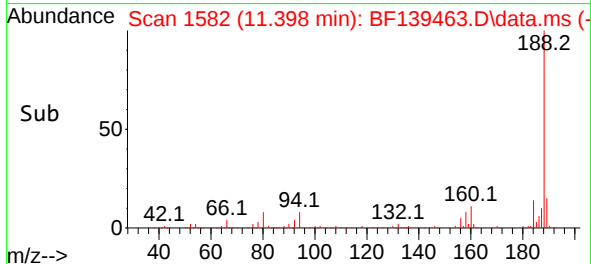
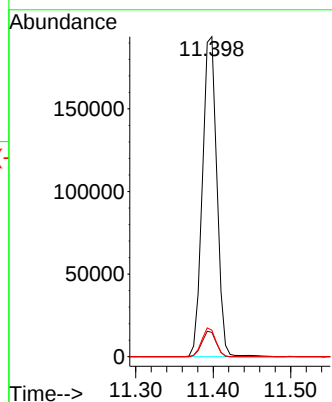
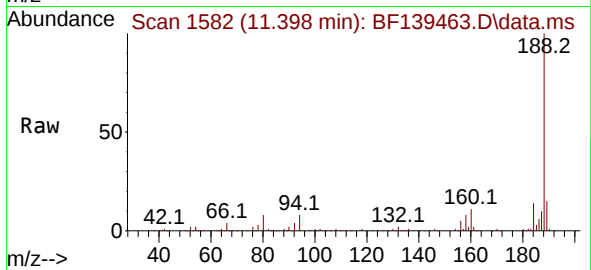
Tgt Ion:188 Resp: 251074

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.3 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.434 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139463.D

Acq: 19 Sep 2024 14:37

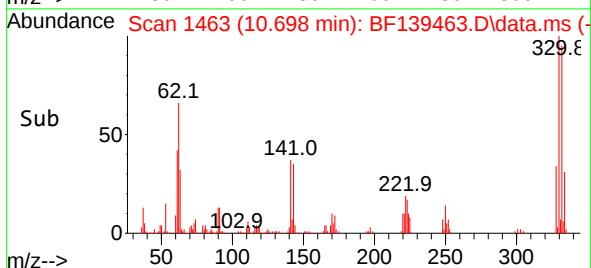
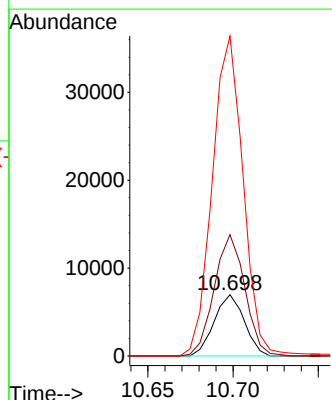
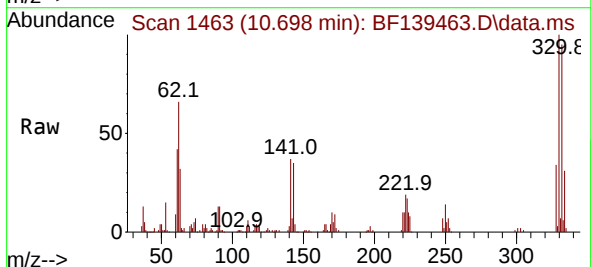
Tgt Ion:248 Resp: 8544

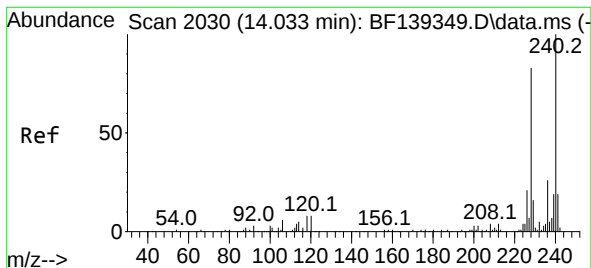
Ion Ratio Lower Upper

248 100

250 198.1 77.6 116.4#

141 522.4 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: BF139463.D

Acq: 19 Sep 2024 14:37

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-04

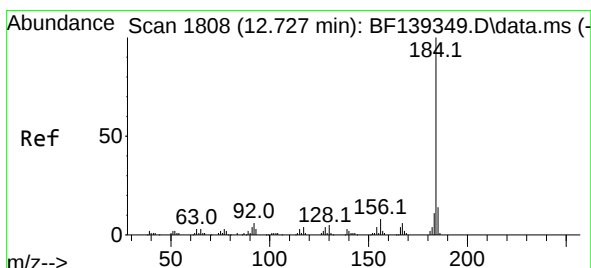
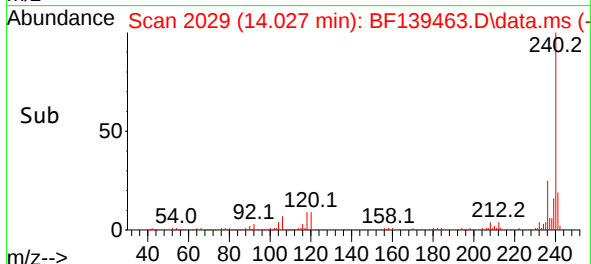
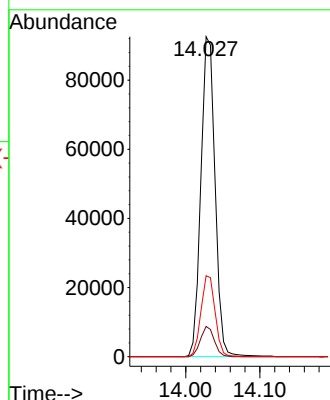
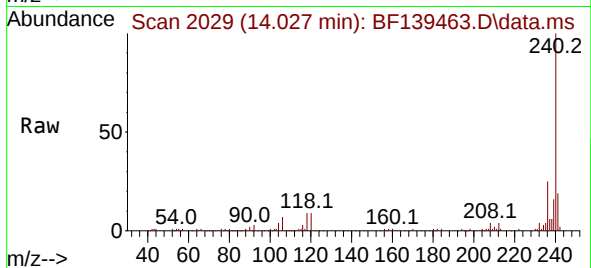
Tgt Ion:240 Resp: 122904

Ion Ratio Lower Upper

240 100

120 9.4 6.2 9.2#

236 25.3 20.9 31.3



#77

Benzidine

Concen: 4.087 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139463.D

Acq: 19 Sep 2024 14:37

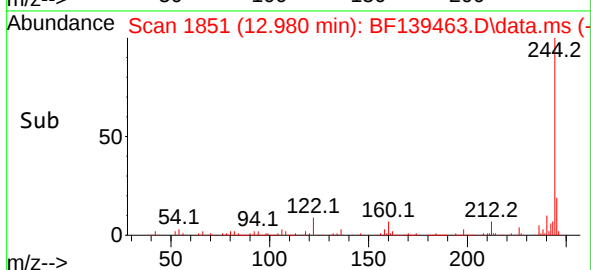
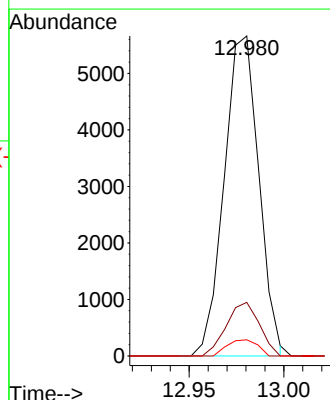
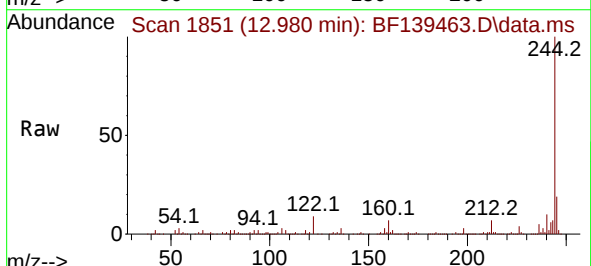
Tgt Ion:184 Resp: 7197

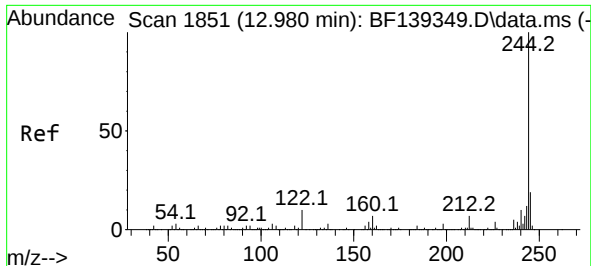
Ion Ratio Lower Upper

184 100

185 16.7 11.5 17.3

183 5.0 8.9 13.3#

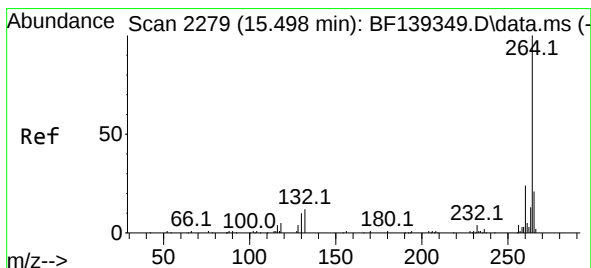
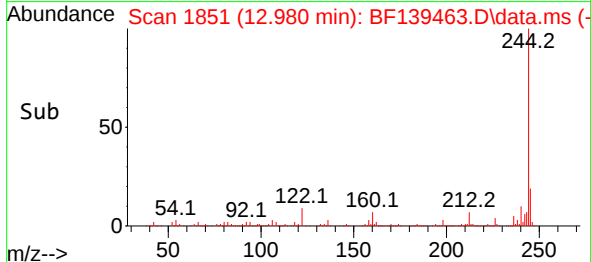
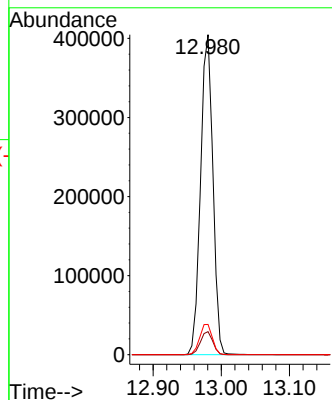
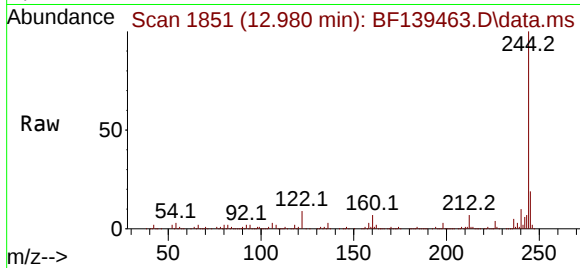




#79
 Terphenyl-d14
 Concen: 67.980 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139463.D
 Acq: 19 Sep 2024 14:37

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

Tgt Ion:244 Resp: 509022
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.4 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: BF139463.D
 Acq: 19 Sep 2024 14:37

Tgt Ion:264 Resp: 122424
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.0 16.6 25.0

