

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139373.D
 Acq On : 14 Sep 2024 17:36
 Operator : RC/JU
 Sample : P3976-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-2

Quant Time: Sep 16 01:58:26 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)

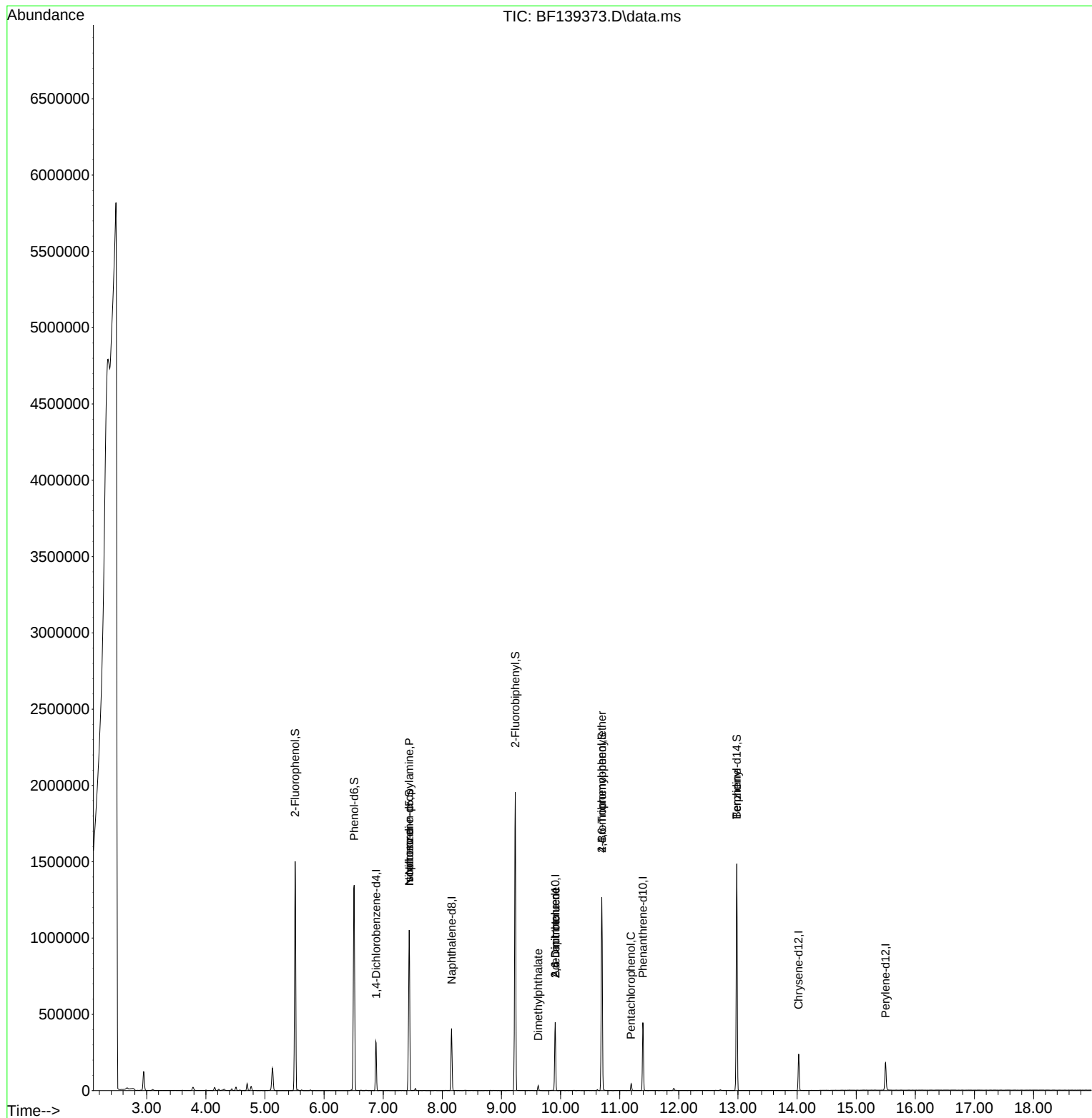
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	61662	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231525	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128801	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	227293	20.000	ng	0.00
76) Chrysene-d12	14.027	240	110136	20.000	ng	0.00
86) Perylene-d12	15.498	264	113283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	502099	132.837	ng	0.02
7) Phenol-d6	6.510	99	615560	124.073	ng	0.00
23) Nitrobenzene-d5	7.439	82	458385	93.076	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190339	138.808	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	835354	90.962	ng	0.00
79) Terphenyl-d14	12.980	244	696924	103.865	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	66443	22.600	ng	# 75
25) Isophorone	7.439	82	457069	58.683	ng	# 66
50) Dimethylphthalate	9.622	163	17613	2.083	ng	99
51) 2,6-Dinitrotoluene	9.910	165	16569	8.847	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	16569	6.553	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	13015	5.778	ng	# 1
70) Pentachlorophenol	11.192	266	7970	5.025	ng	91
77) Benzidine	12.980	184	10701	6.782	ng	# 91

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

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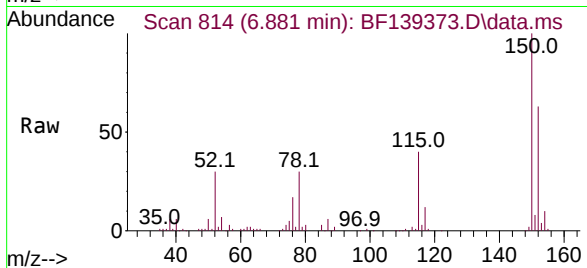
Quant Time: Sep 16 01:58:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



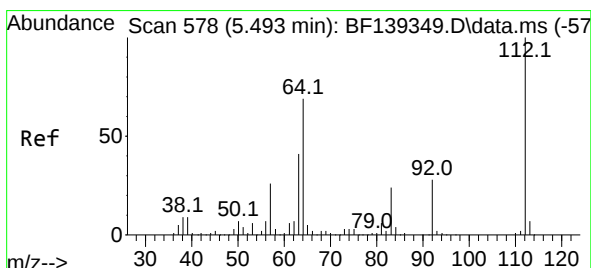
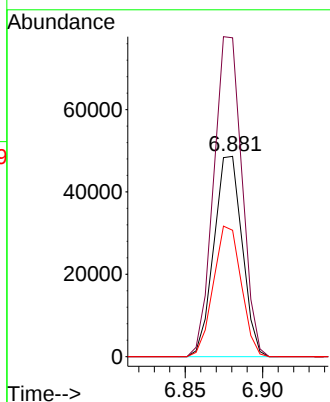
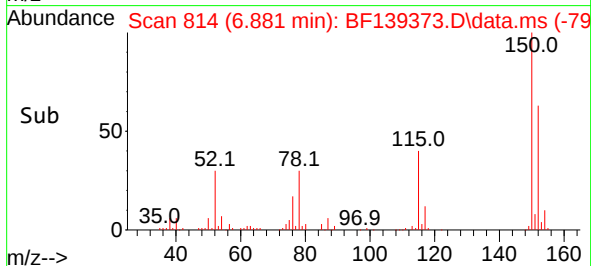


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

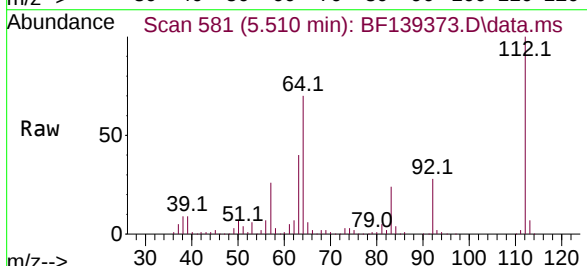
Instrument :
BNA_F
ClientSampleId :
RW-2



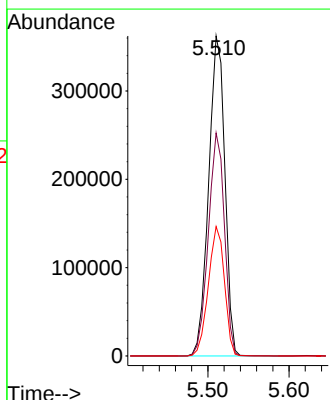
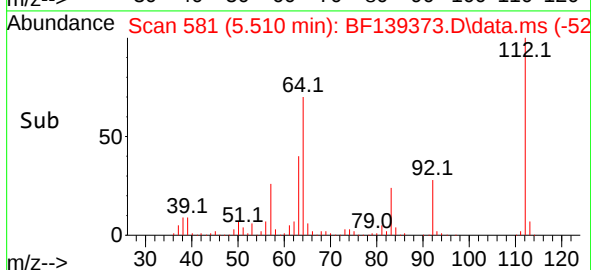
Tgt Ion:152 Resp: 61662
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 63.1 48.1 72.1



#5
2-Fluorophenol
Concen: 132.837 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36



Tgt Ion:112 Resp: 502099
Ion Ratio Lower Upper
112 100
64 69.7 54.8 82.2
63 40.5 33.0 49.4





#7

Phenol-d6

Concen: 124.073 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139373.D

Acq: 14 Sep 2024 17:36

Instrument :

BNA_F

ClientSampleId :

RW-2

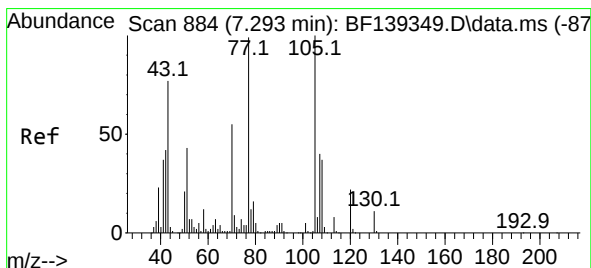
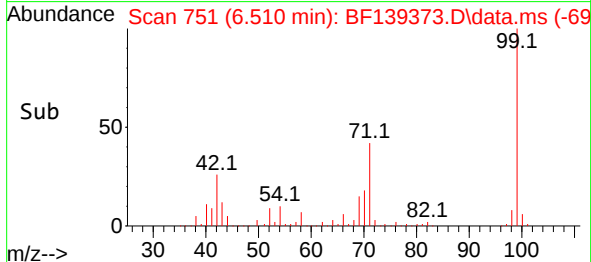
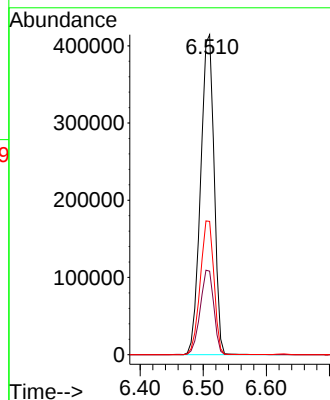
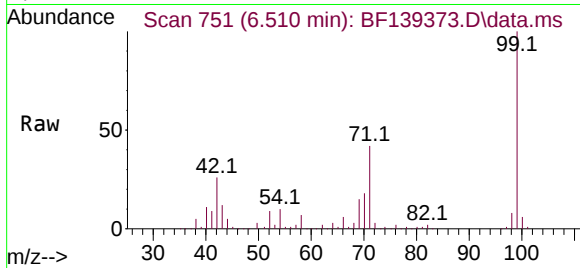
Tgt Ion: 99 Resp: 615560

Ion Ratio Lower Upper

99 100

42 26.1 21.9 32.9

71 41.7 34.6 52.0



#19

n-Nitroso-di-n-propylamine

Concen: 22.600 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF139373.D

Acq: 14 Sep 2024 17:36

Tgt Ion: 70 Resp: 66443

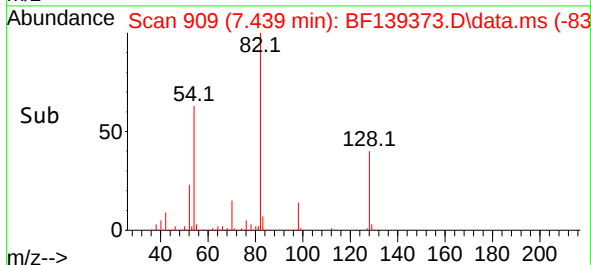
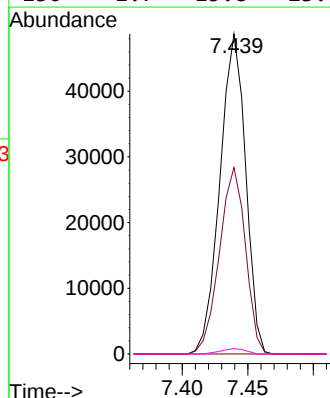
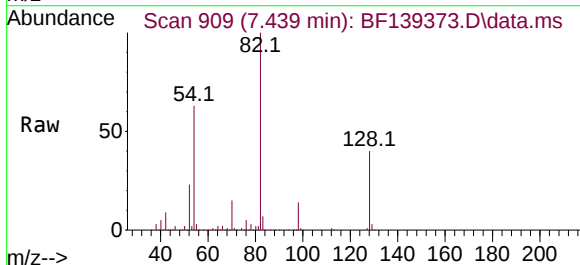
Ion Ratio Lower Upper

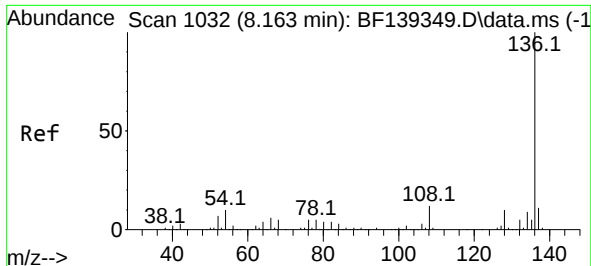
70 100

42 58.2 61.2 91.8#

101 0.0 7.5 11.3#

130 1.7 15.8 23.8#

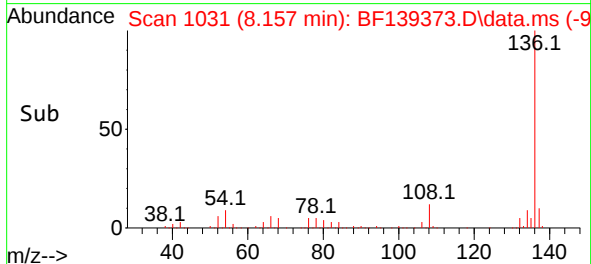
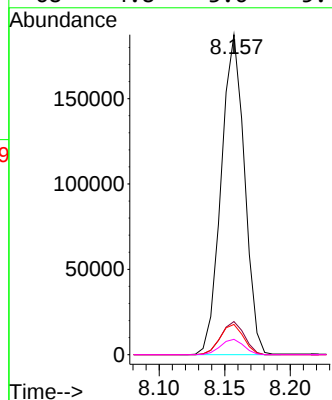
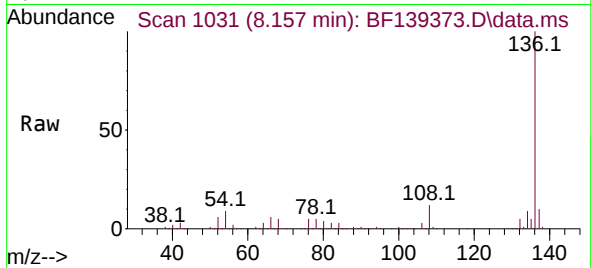




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

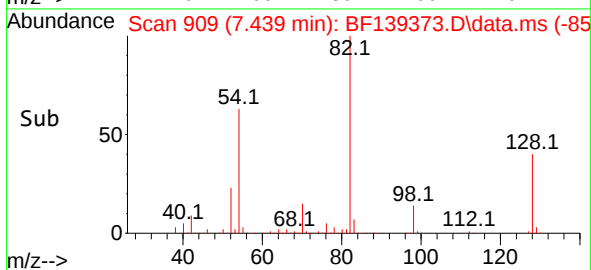
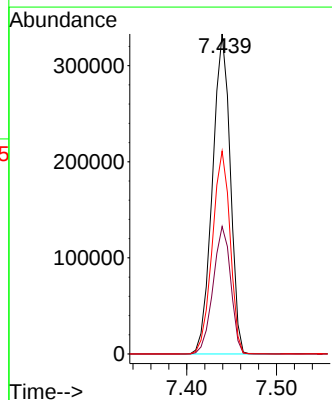
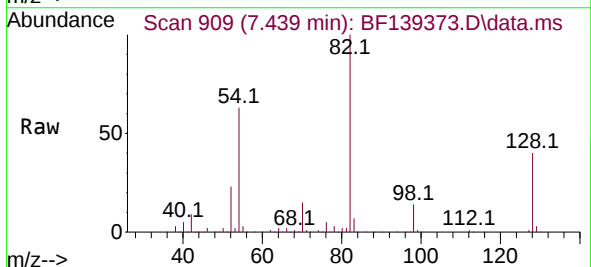
Instrument :
BNA_F
ClientSampleId :
RW-2

Tgt Ion:136	Resp: 231525
Ion Ratio	Lower Upper
136 100	
137 10.3	8.6 12.8
54 9.5	7.8 11.8
68 4.8	3.6 5.4



#23
Nitrobenzene-d5
Concen: 93.076 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Tgt Ion: 82	Resp: 458385
Ion Ratio	Lower Upper
82 100	
128 39.8	31.8 47.6
54 63.4	50.6 75.8

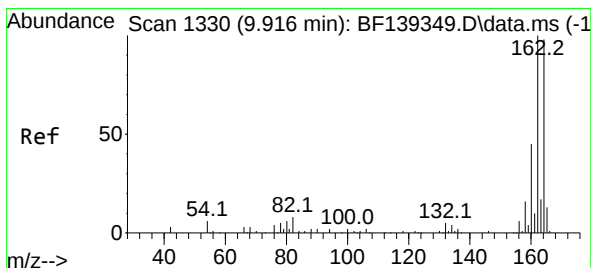
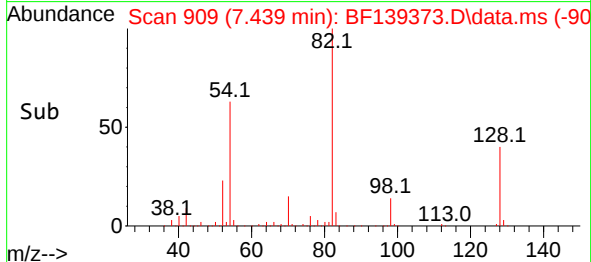
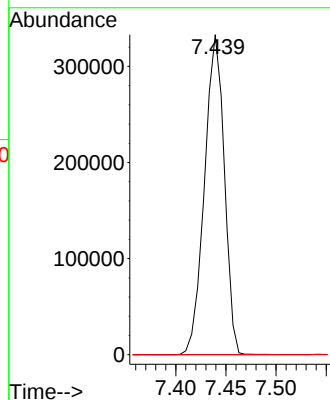
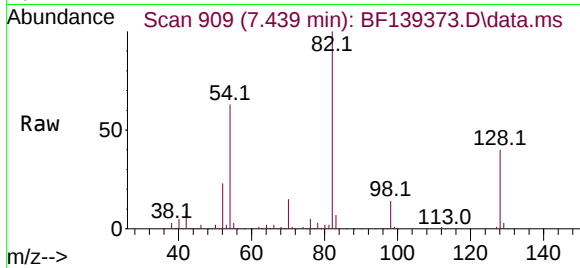




#25
Isophorone
Concen: 58.683 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

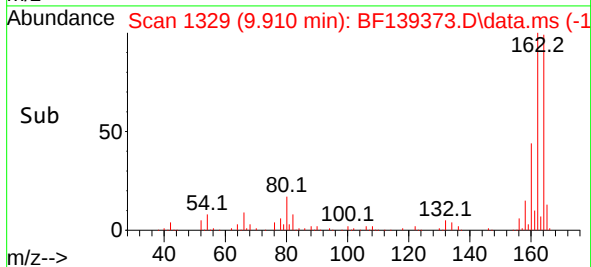
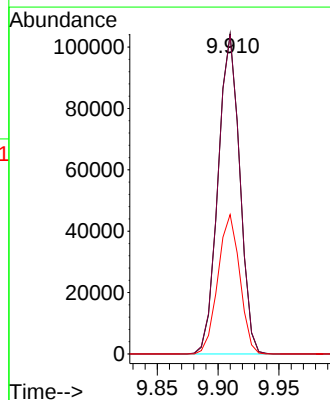
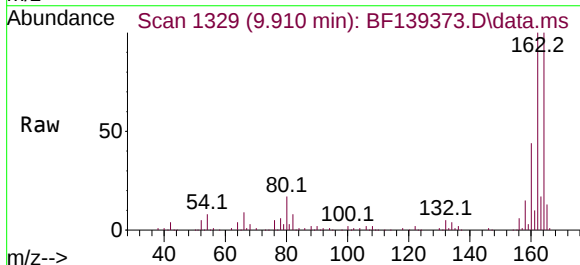
Instrument :
BNA_F
ClientSampleId :
RW-2

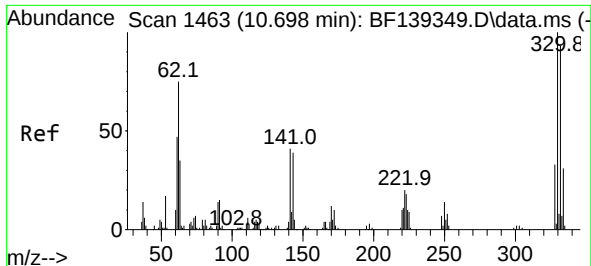
Tgt Ion: 82 Resp: 457069
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Tgt Ion:164 Resp: 128801
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 43.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 138.808 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139373.D

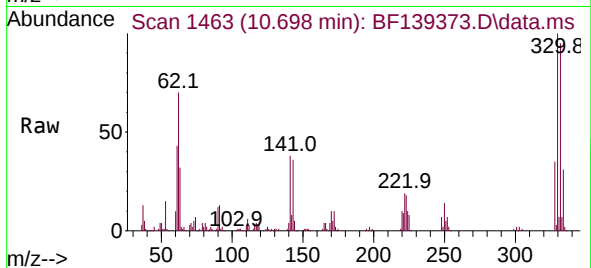
Acq: 14 Sep 2024 17:36

Instrument :

BNA_F

ClientSampleId :

RW-2



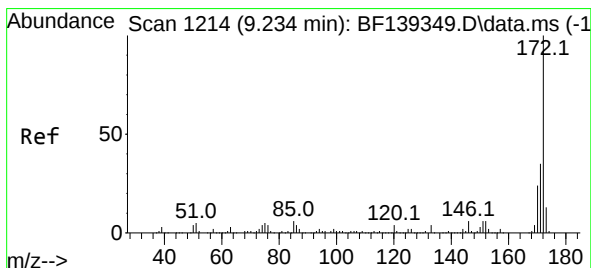
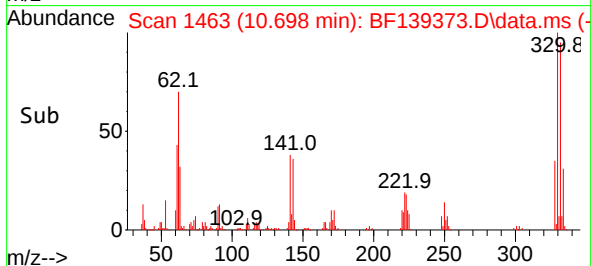
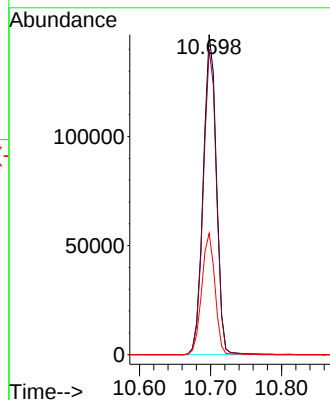
Tgt Ion:330 Resp: 190339

Ion Ratio Lower Upper

330 100

332 95.7 75.2 112.8

141 38.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 90.962 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139373.D

Acq: 14 Sep 2024 17:36

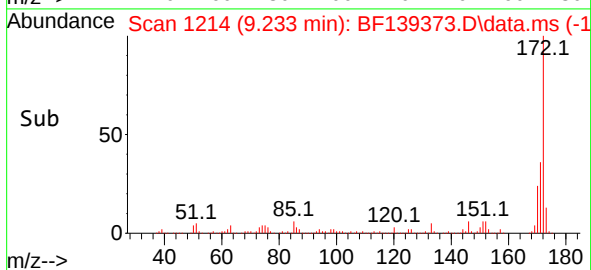
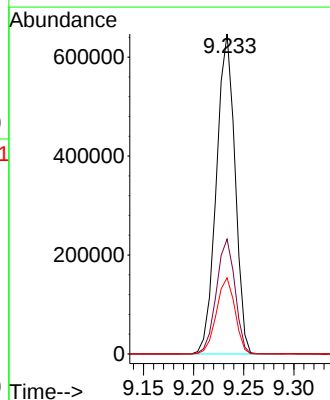
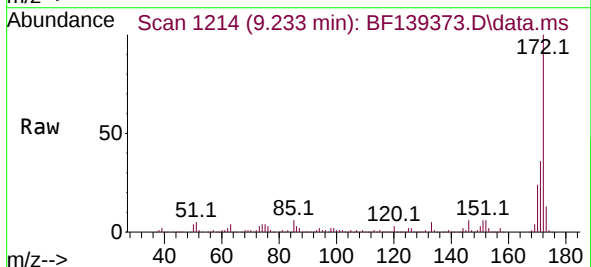
Tgt Ion:172 Resp: 835354

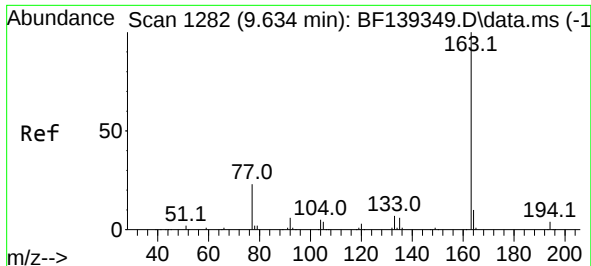
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.8 19.0 28.6

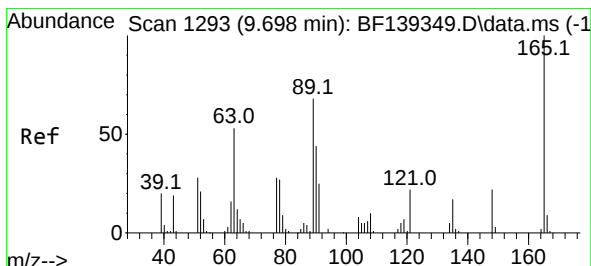
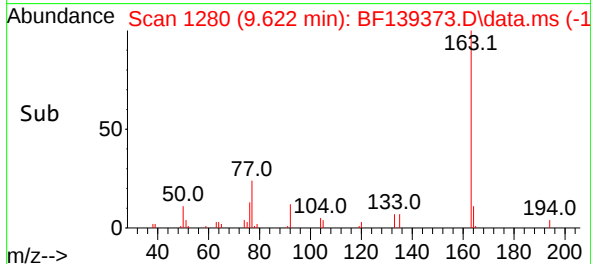
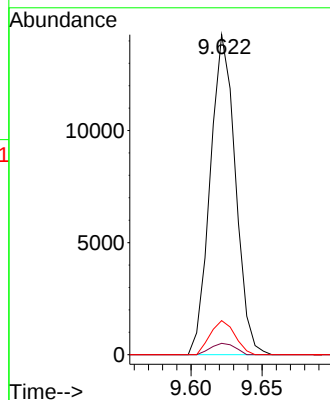
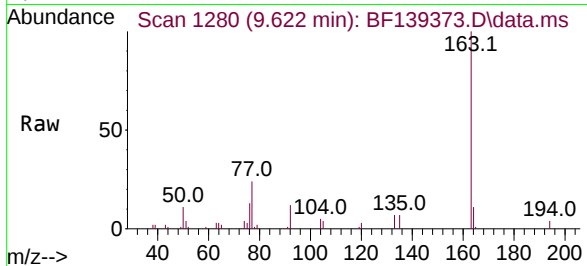




#50
Dimethylphthalate
Concen: 2.083 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

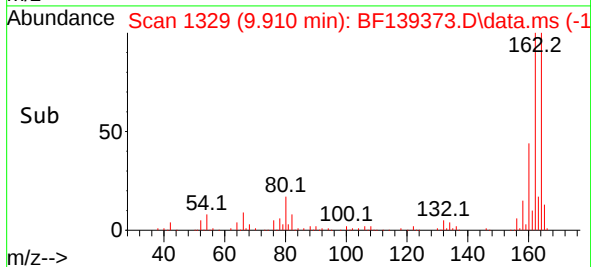
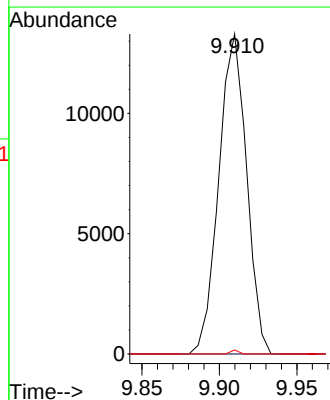
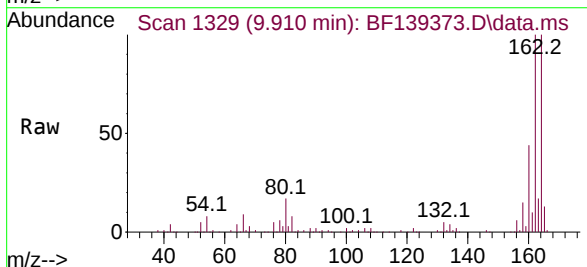
Instrument :
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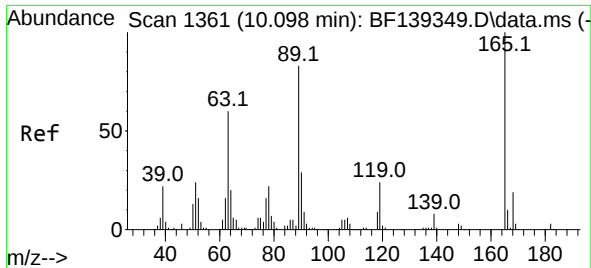
Tgt Ion:163 Resp: 17613
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.6 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Tgt Ion:165 Resp: 16569
Ion Ratio Lower Upper
165 100
63 0.0 60.9 91.3#
89 1.3 54.7 82.1#

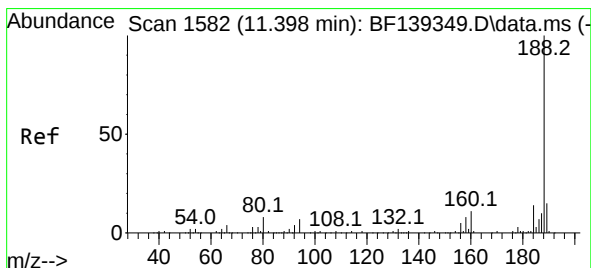
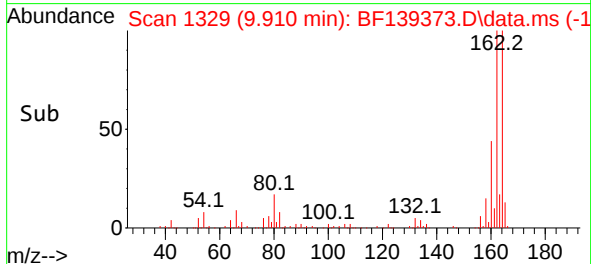
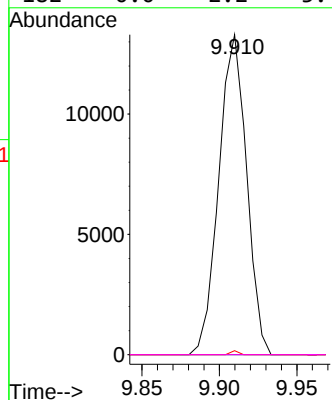
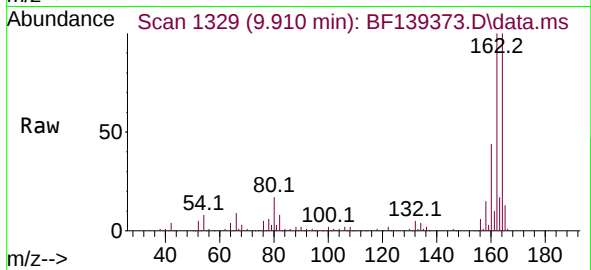




#57
2,4-Dinitrotoluene
Concen: 6.553 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

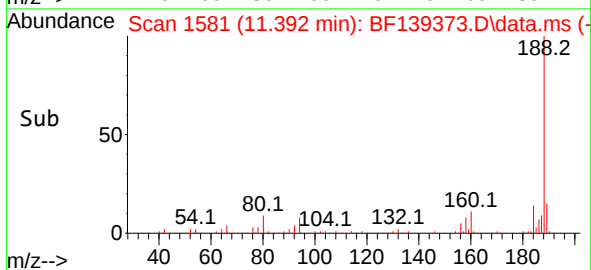
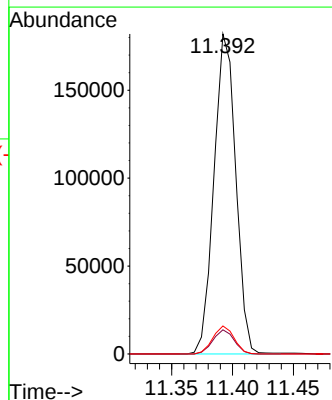
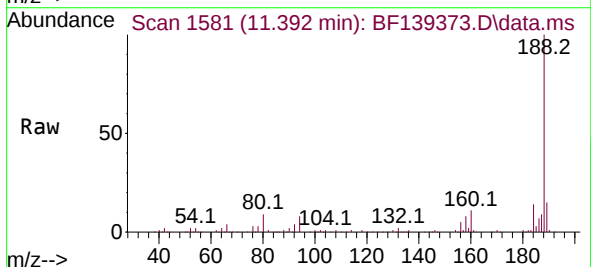
Instrument :
BNA_F
ClientSampleId :
RW-2

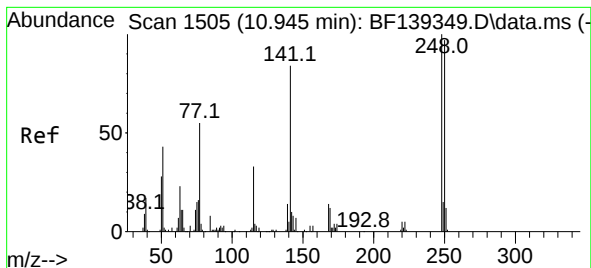
Tgt Ion:165 Resp: 16569
Ion Ratio Lower Upper
165 100
63 0.0 47.8 71.6#
89 1.3 66.7 100.1#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Tgt Ion:188 Resp: 227293
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 8.8 6.6 9.8

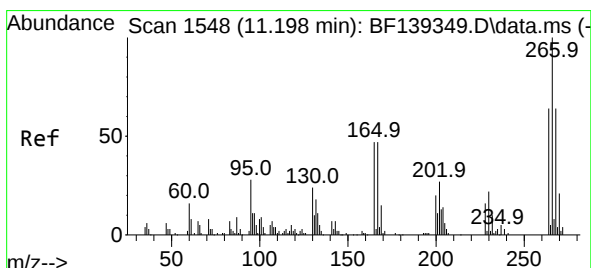
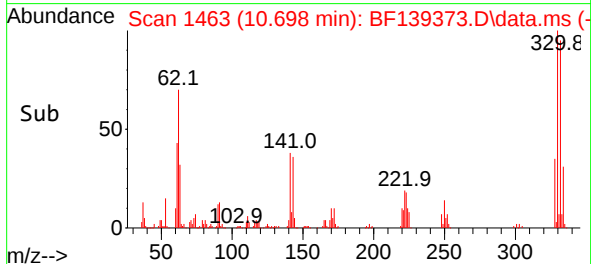
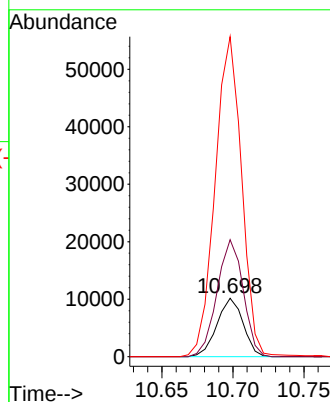
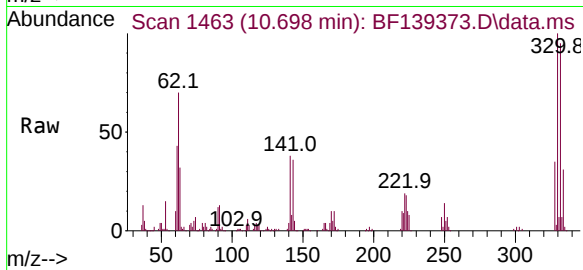




#67
4-Bromophenyl-phenylether
Concen: 5.778 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

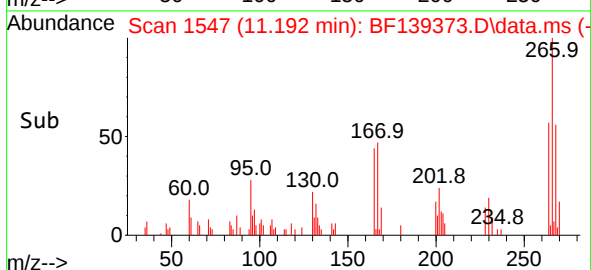
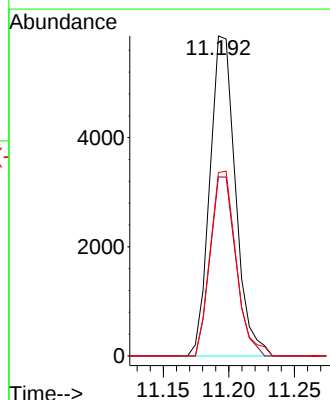
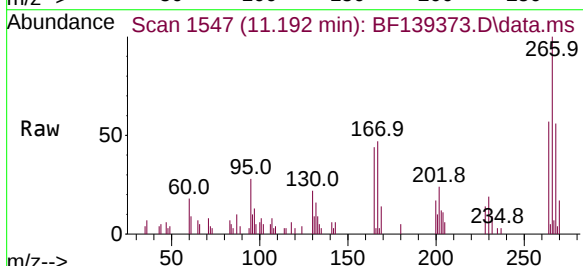
Instrument :
BNA_F
ClientSampleId :
RW-2

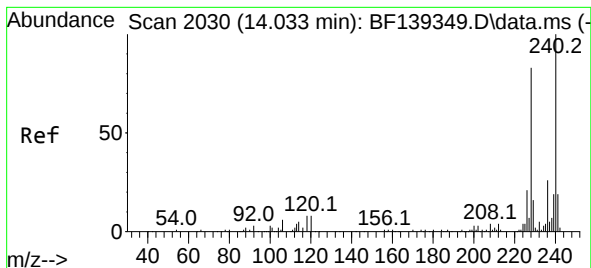
Tgt Ion:248 Resp: 13015
Ion Ratio Lower Upper
248 100
250 200.5 77.6 116.4#
141 548.4 66.9 100.3#



#70
Pentachlorophenol
Concen: 5.025 ng
RT: 11.192 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Tgt Ion:266 Resp: 7970
Ion Ratio Lower Upper
266 100
268 55.9 51.1 76.7
264 57.3 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139373.D

Acq: 14 Sep 2024 17:36

Instrument :

BNA_F

ClientSampleId :

RW-2

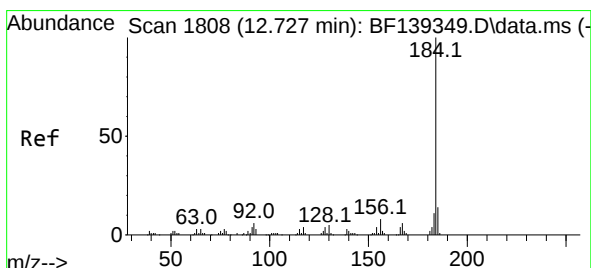
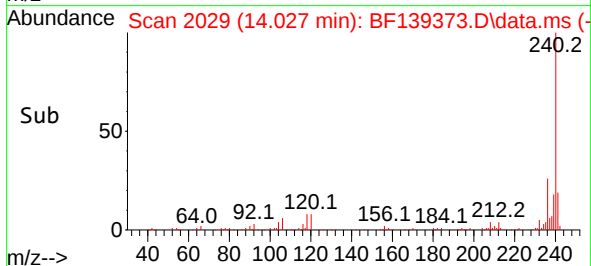
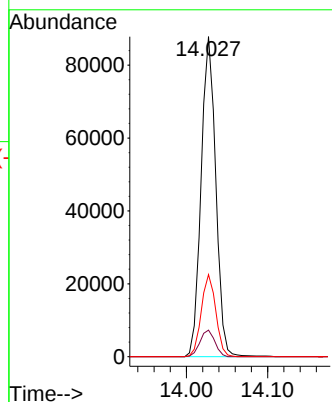
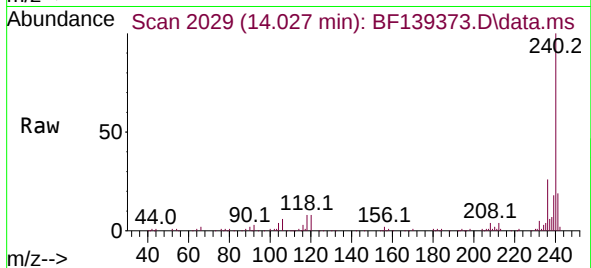
Tgt Ion:240 Resp: 110136

Ion Ratio Lower Upper

240 100

120 8.3 6.2 9.2

236 25.6 20.9 31.3



#77

Benzidine

Concen: 6.782 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139373.D

Acq: 14 Sep 2024 17:36

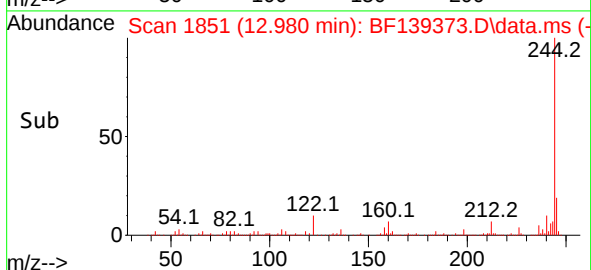
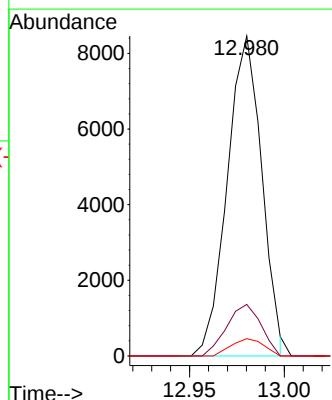
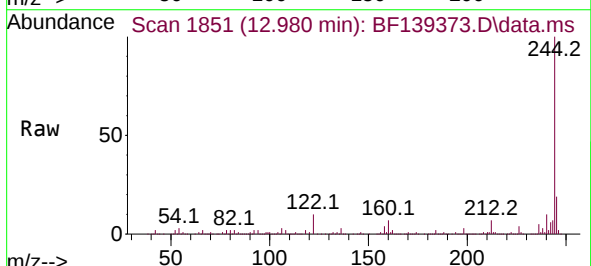
Tgt Ion:184 Resp: 10701

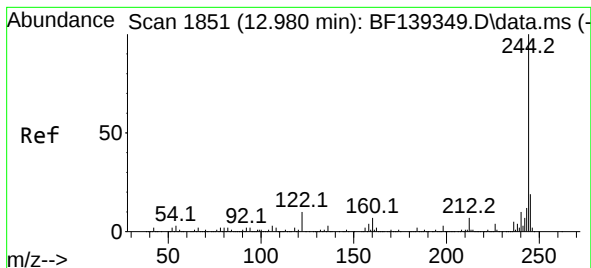
Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

183 5.4 8.9 13.3#





#79

Terphenyl-d14

Concen: 103.865 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139373.D

Acq: 14 Sep 2024 17:36

Instrument :

BNA_F

ClientSampleId :

RW-2

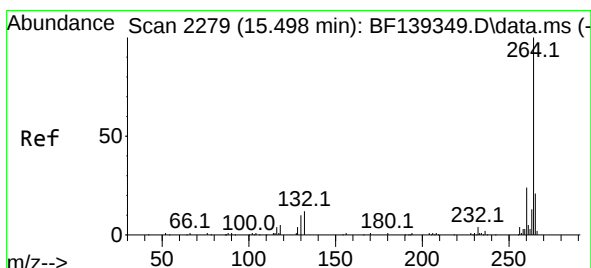
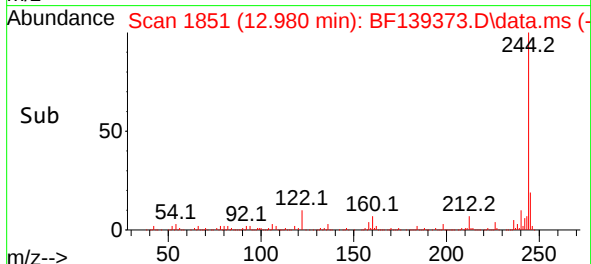
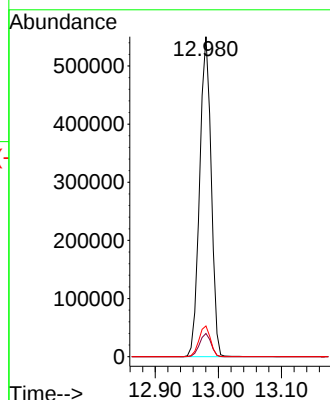
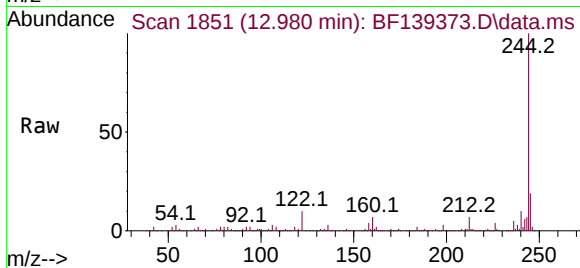
Tgt Ion:244 Resp: 696924

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.6 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: BF139373.D

Acq: 14 Sep 2024 17:36

Tgt Ion:264 Resp: 113283

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.1 16.6 25.0

