

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139372.D
 Acq On : 14 Sep 2024 17:08
 Operator : RC/JU
 Sample : P3947-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Quant Time: Sep 16 01:58:07 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)

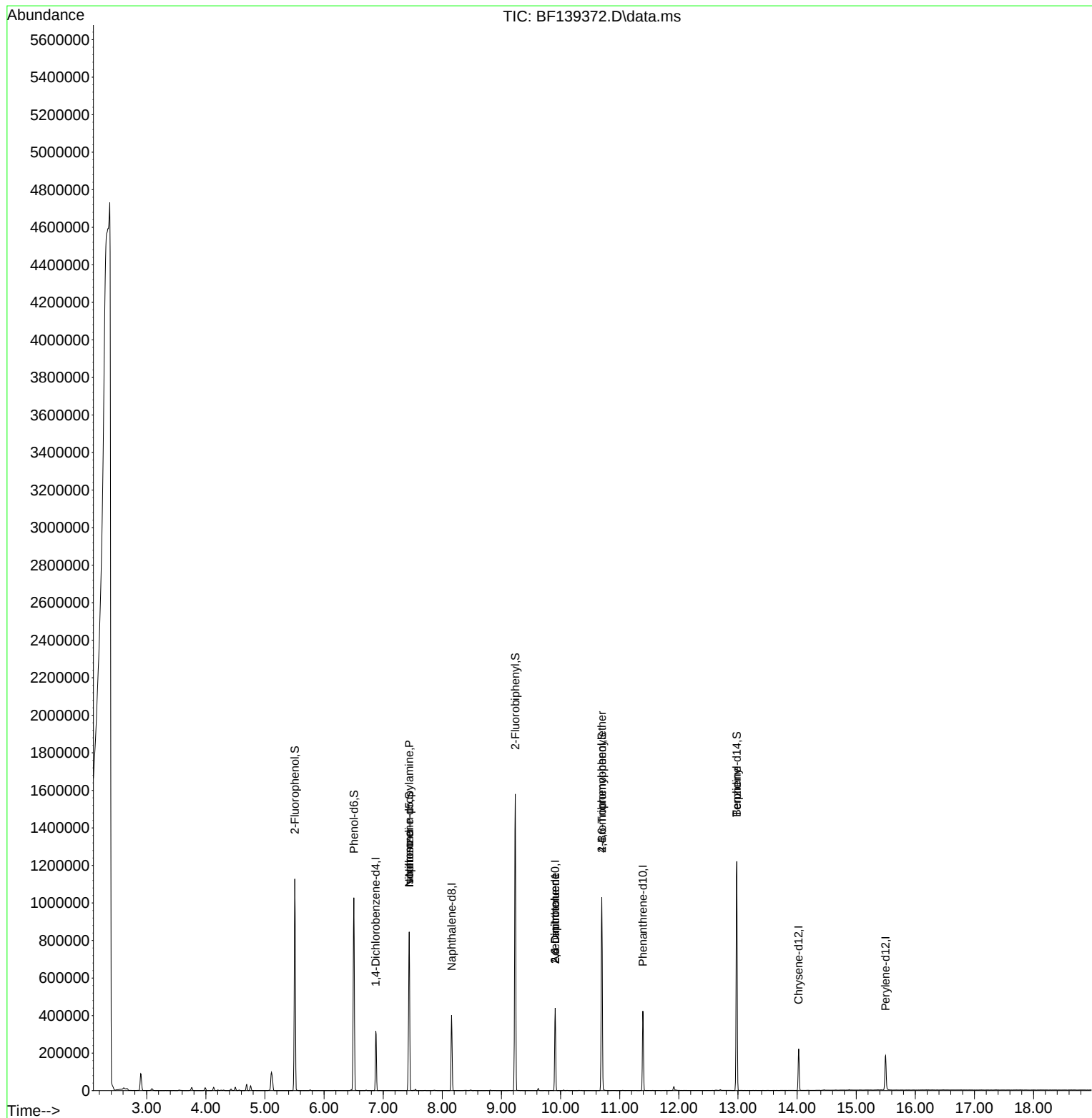
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60683	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	225194	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	122445	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	214114	20.000	ng	0.00
76) Chrysene-d12	14.027	240	103645	20.000	ng	0.00
86) Perylene-d12	15.498	264	113643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354163	95.210	ng	0.01
7) Phenol-d6	6.504	99	426718	87.397	ng	0.00
23) Nitrobenzene-d5	7.439	82	354844	74.077	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	150195	115.218	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	659727	75.567	ng	0.00
79) Terphenyl-d14	12.980	244	572494	90.664	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	50060	17.302	ng	# 76
25) Isophorone	7.439	82	353588	46.674	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	15540	8.729	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	15540	6.465	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	10660	5.024	ng	# 1
77) Benzidine	12.980	184	8319	5.602	ng	# 90

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

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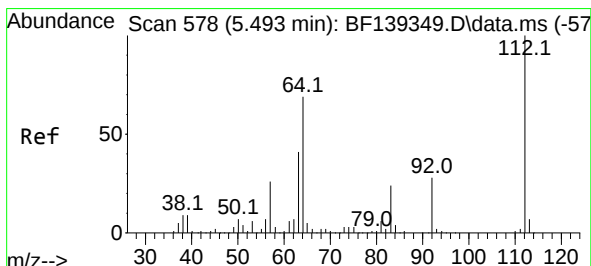
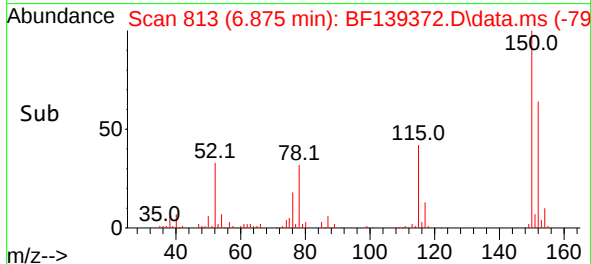
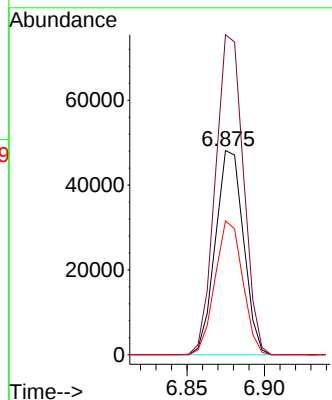
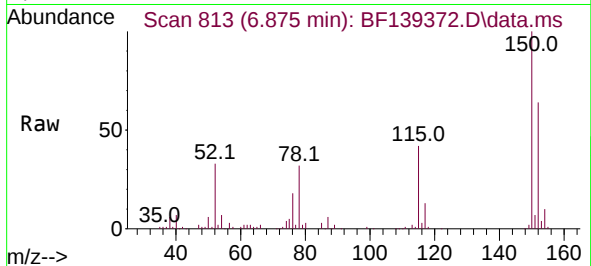




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

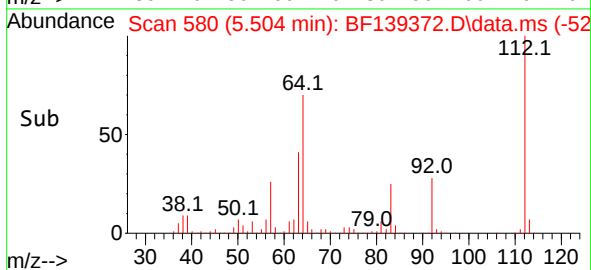
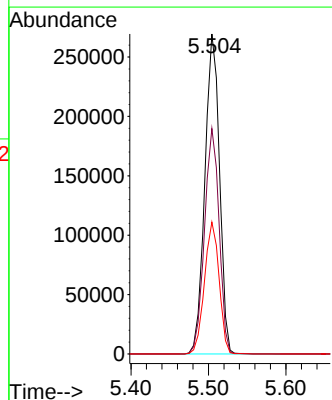
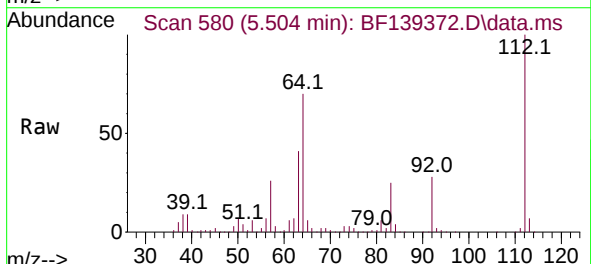
Instrument :
BNA_F
ClientSampleId :
RW-1

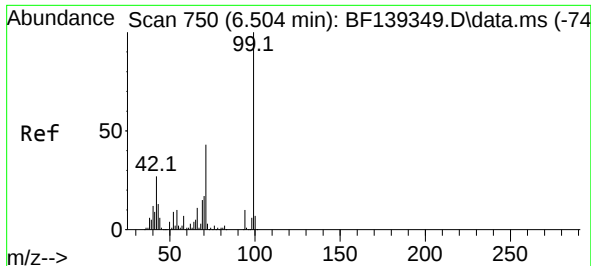
Tgt Ion:152 Resp: 60683
Ion Ratio Lower Upper
152 100
150 156.7 124.1 186.1
115 65.5 48.1 72.1



#5
2-Fluorophenol
Concen: 95.210 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

Tgt Ion:112 Resp: 354163
Ion Ratio Lower Upper
112 100
64 70.5 54.8 82.2
63 41.2 33.0 49.4





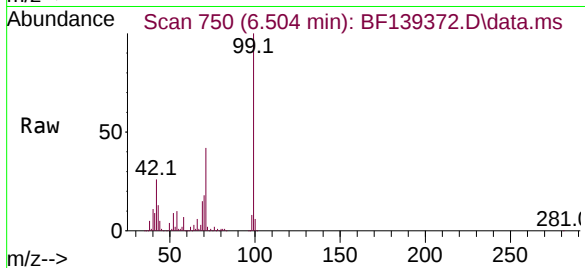
#7
Phenol-d6
Concen: 87.397 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

Instrument :

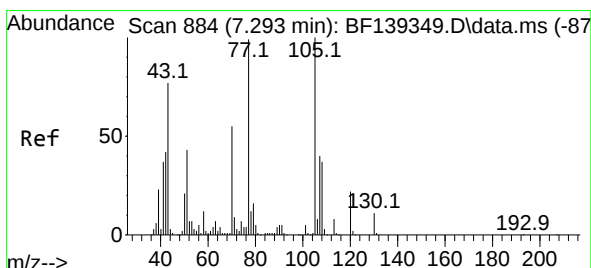
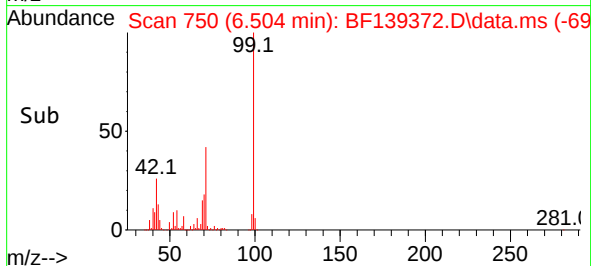
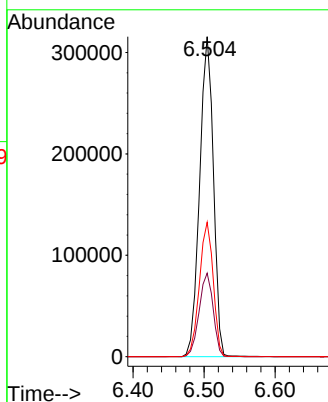
BNA_F

ClientSampleId :

RW-1

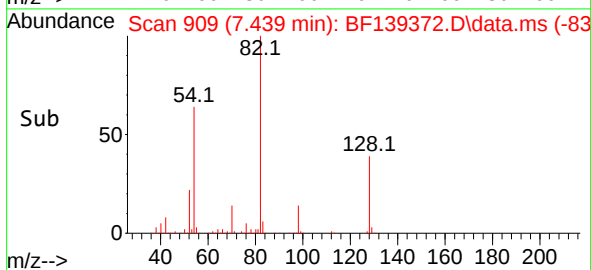
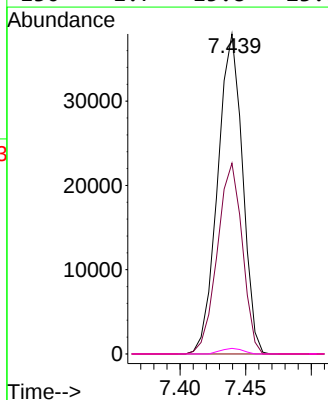
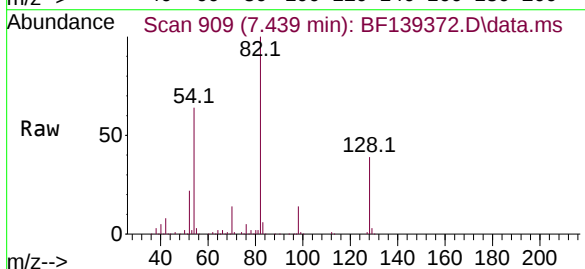


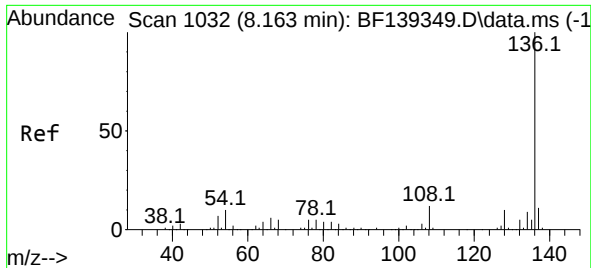
Tgt Ion: 99 Resp: 426718
Ion Ratio Lower Upper
99 100
42 26.1 21.9 32.9
71 42.0 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.302 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

Tgt Ion: 70 Resp: 50060
Ion Ratio Lower Upper
70 100
42 59.6 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#

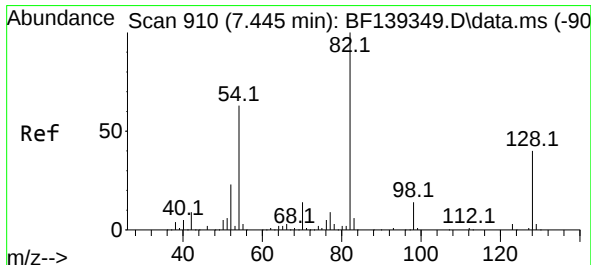
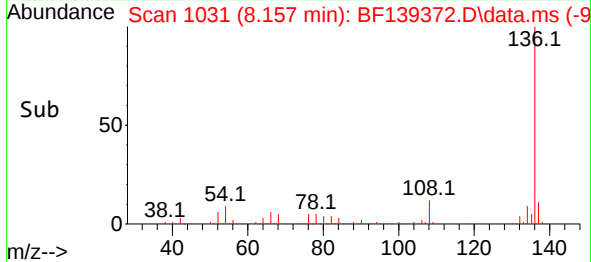
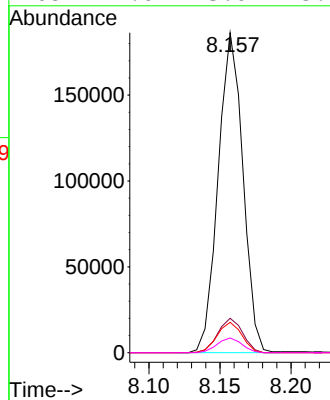
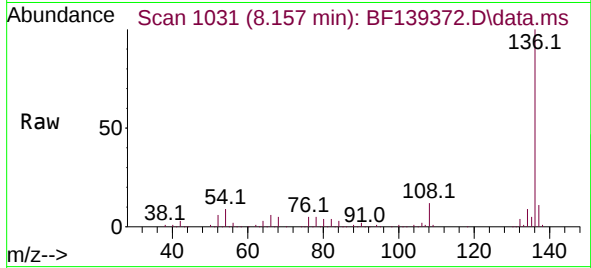




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

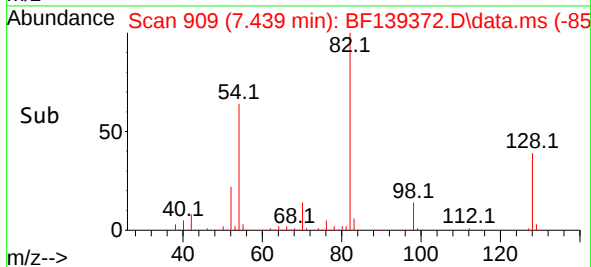
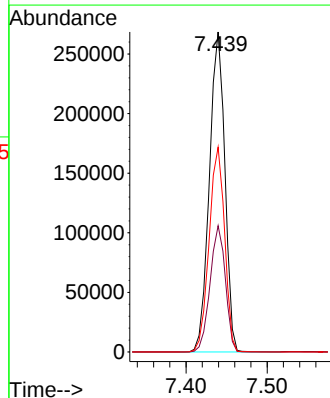
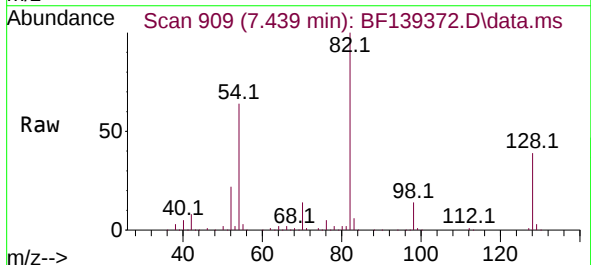
Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion:	136	Resp:	225194
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.5	7.8	11.8
68	4.6	3.6	5.4



#23
Nitrobenzene-d5
Concen: 74.077 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

Tgt Ion:	82	Resp:	354844
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.8	47.6
54	64.0	50.6	75.8

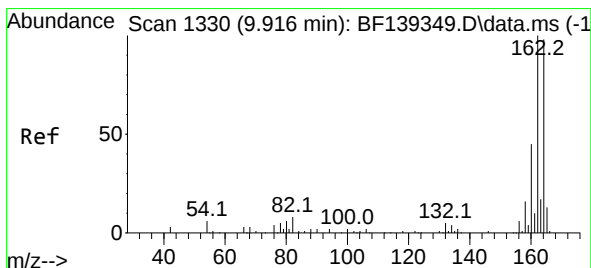
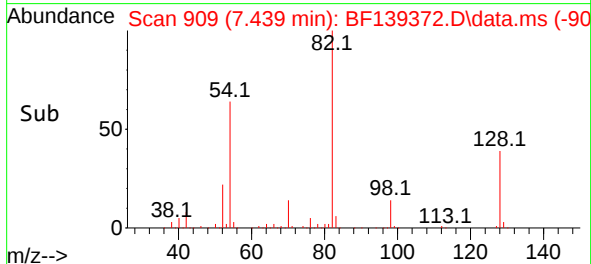
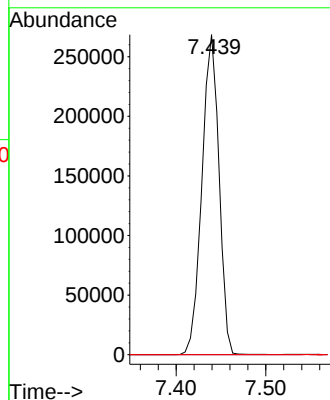
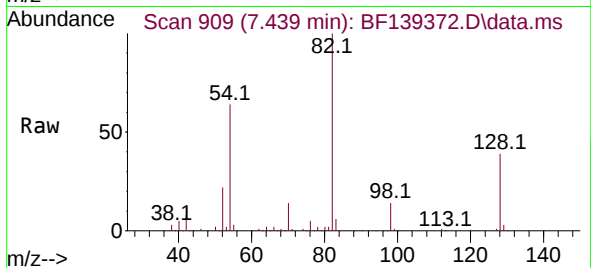




#25
Isophorone
Concen: 46.674 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

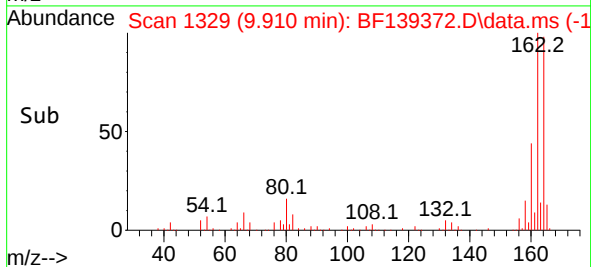
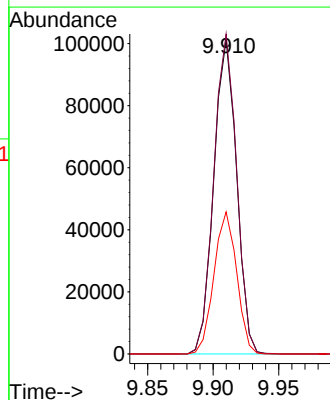
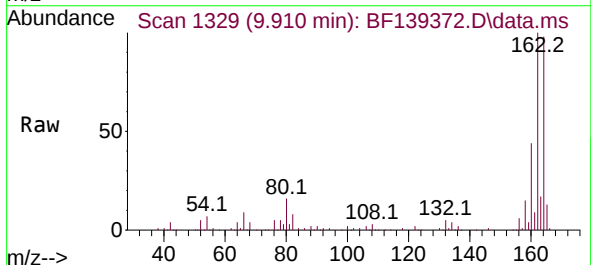
Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion: 82 Resp: 353588
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: BF139372.D
Acq: 14 Sep 2024 17:08

Tgt Ion:164 Resp: 122445
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.2 36.4 54.6

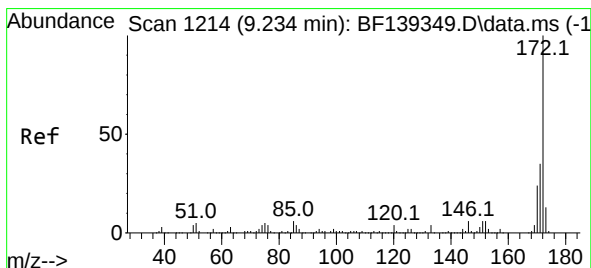
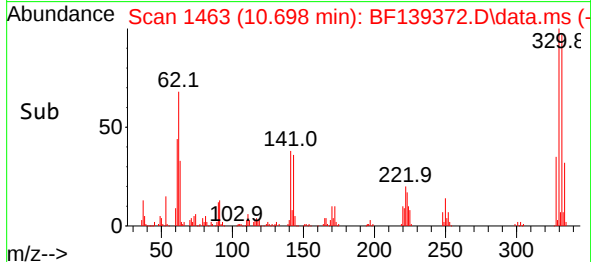
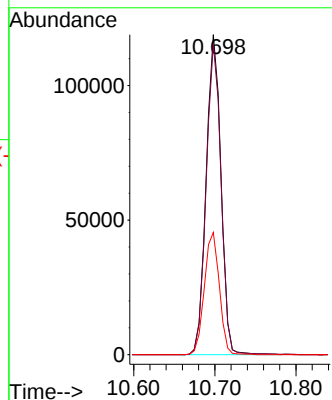
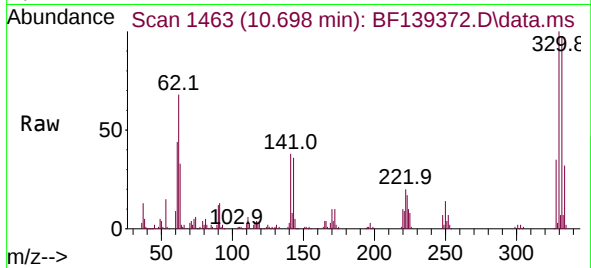




#42
2,4,6-Tribromophenol
Concen: 115.218 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

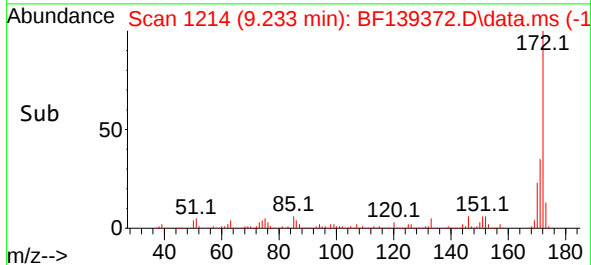
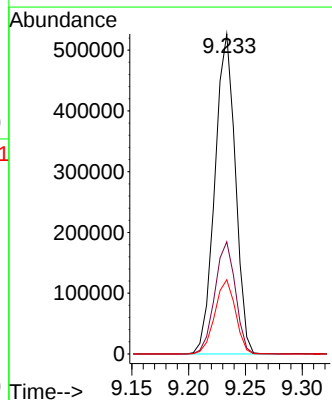
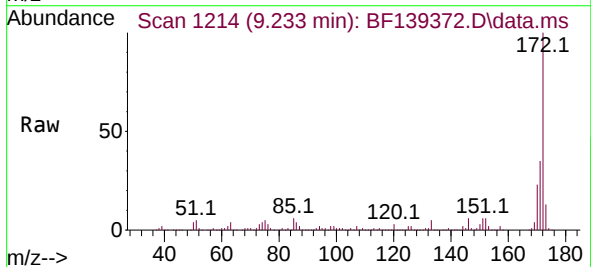
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ClientSampleId :
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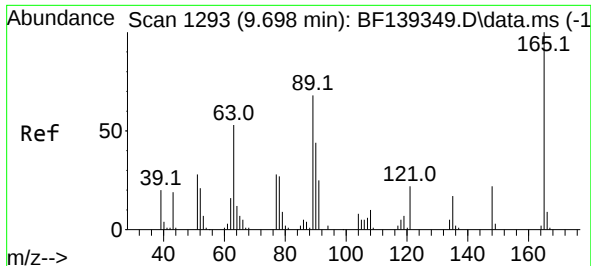
Tgt Ion: 330 Resp: 150195
Ion Ratio Lower Upper
330 100
332 97.5 75.2 112.8
141 38.7 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 75.567 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

Tgt Ion: 172 Resp: 659727
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.2 19.0 28.6

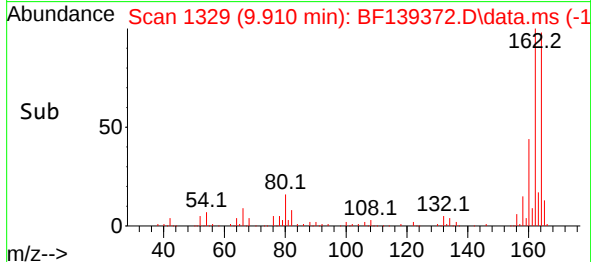
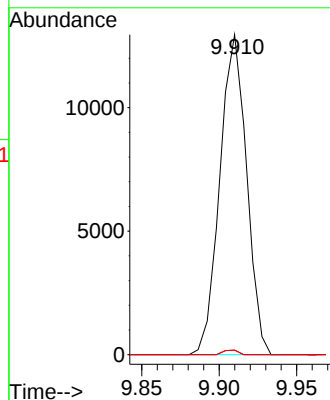
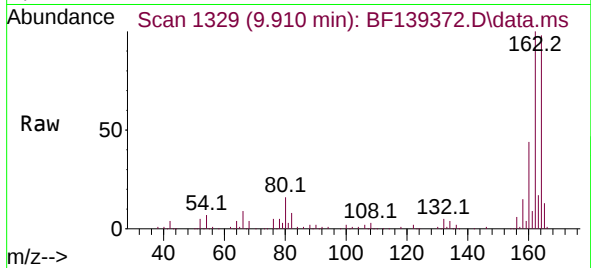




#51
2,6-Dinitrotoluene
Concen: 8.729 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

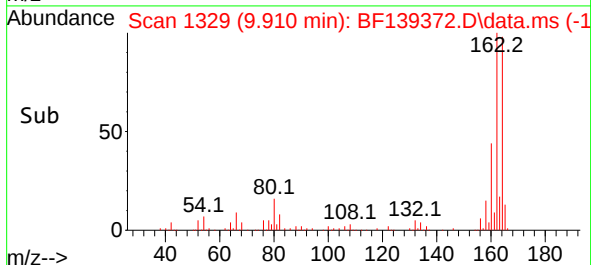
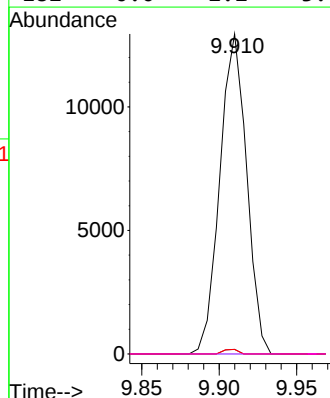
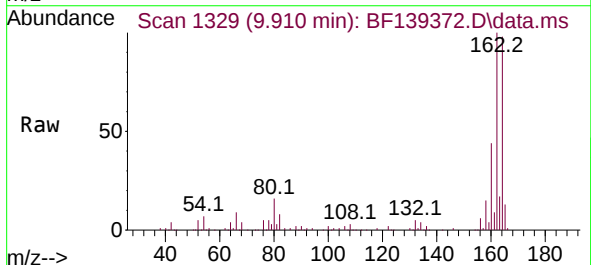
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ClientSampleId :
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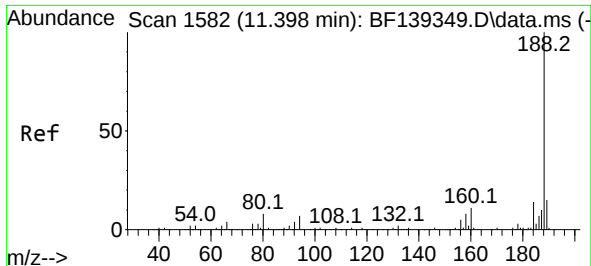
Tgt Ion:165 Resp: 15540
Ion Ratio Lower Upper
165 100
63 1.5 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.465 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

Tgt Ion:165 Resp: 15540
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#

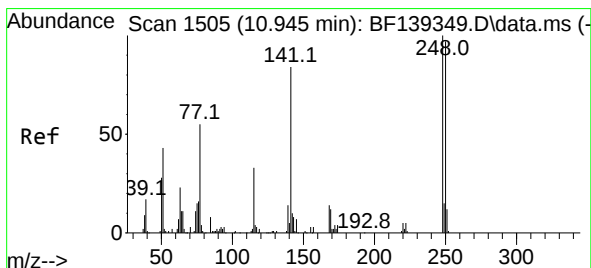
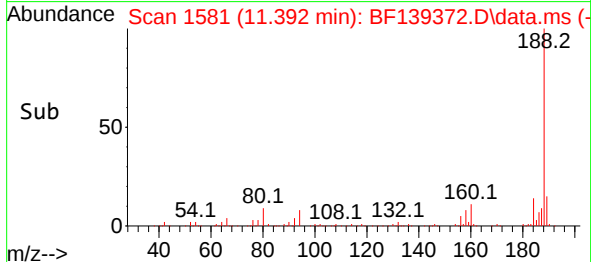
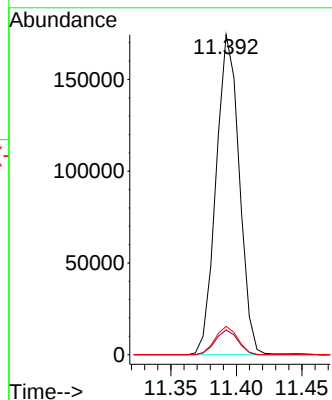
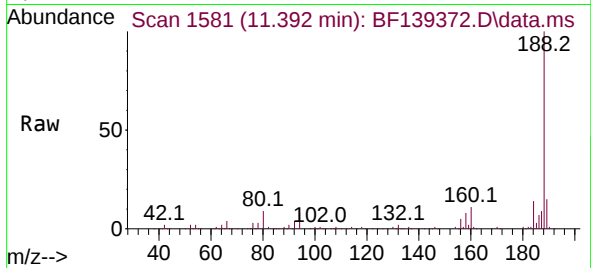




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

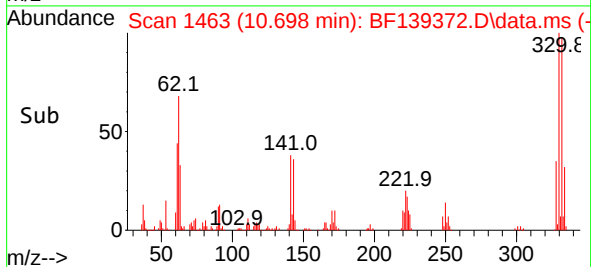
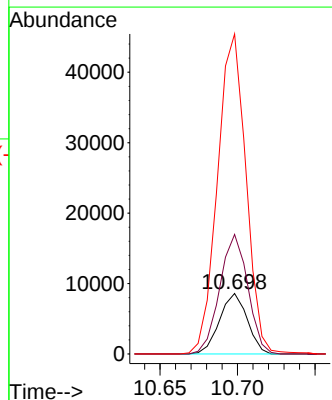
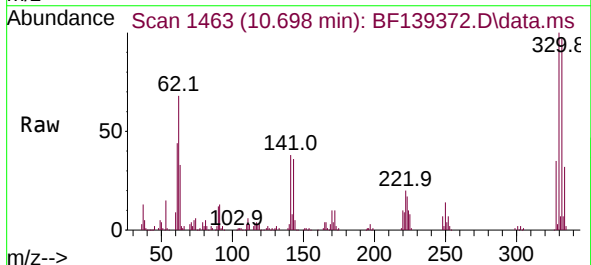
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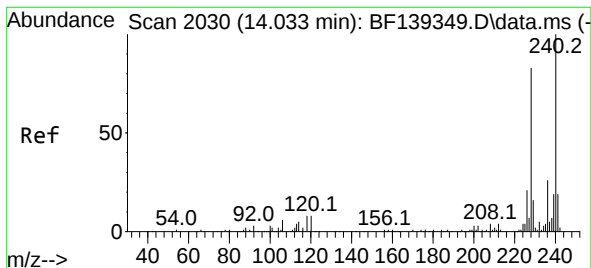
Tgt Ion:188 Resp: 214114
Ion Ratio Lower Upper
188 100
94 7.8 5.5 8.3
80 8.8 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 5.024 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

Tgt Ion:248 Resp: 10660
Ion Ratio Lower Upper
248 100
250 197.6 77.6 116.4#
141 528.9 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: BF139372.D

Acq: 14 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

RW-1

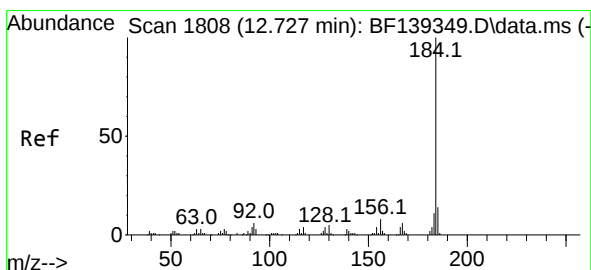
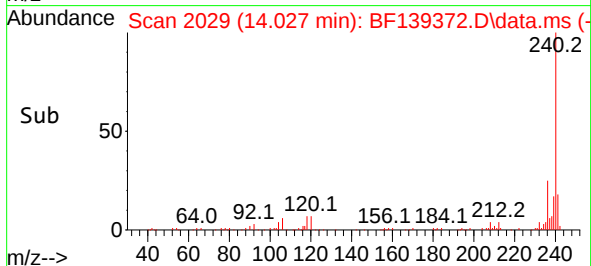
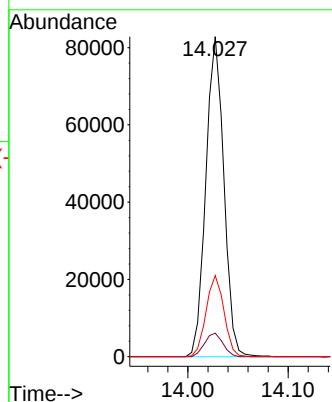
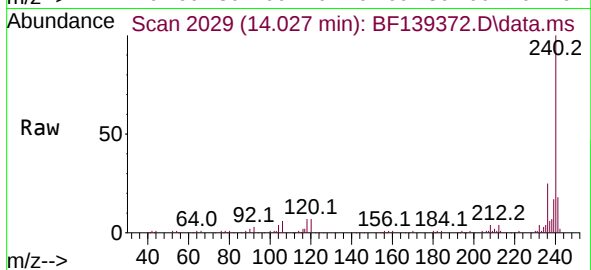
Tgt Ion:240 Resp: 103645

Ion Ratio Lower Upper

240 100

120 7.3 6.2 9.2

236 25.4 20.9 31.3



#77

Benzidine

Concen: 5.602 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139372.D

Acq: 14 Sep 2024 17:08

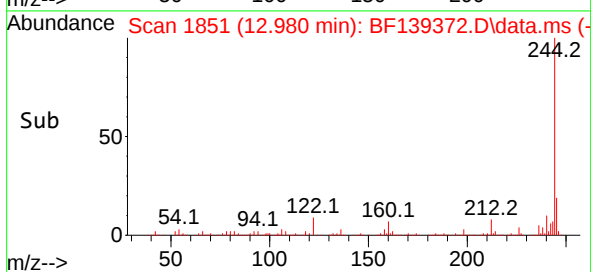
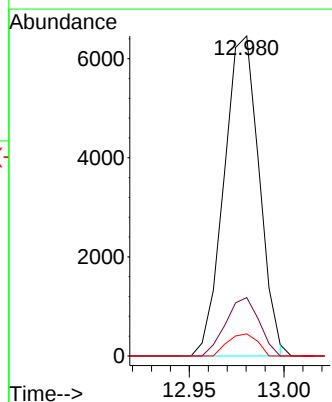
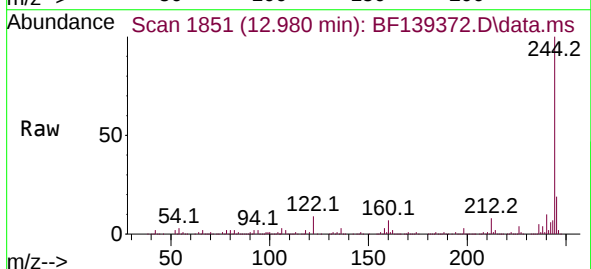
Tgt Ion:184 Resp: 8319

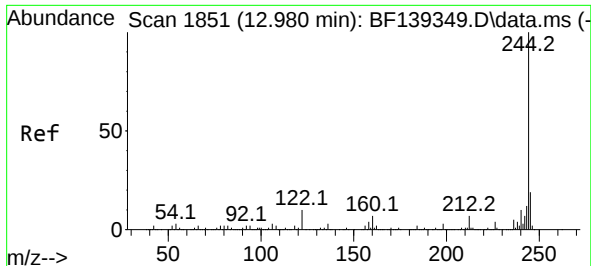
Ion Ratio Lower Upper

184 100

185 18.2 11.5 17.3#

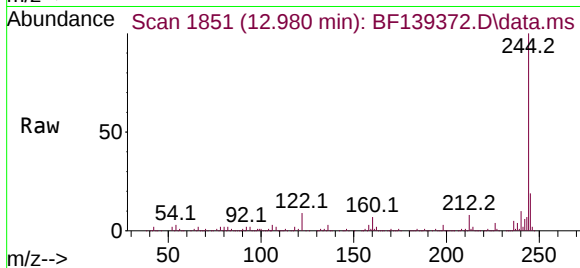
183 6.9 8.9 13.3#



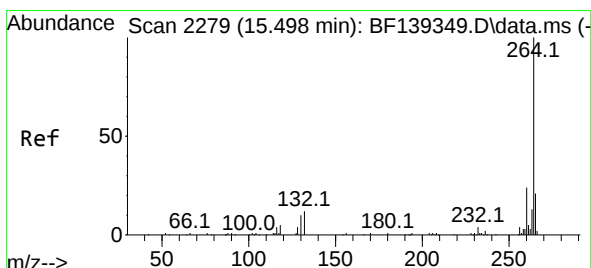
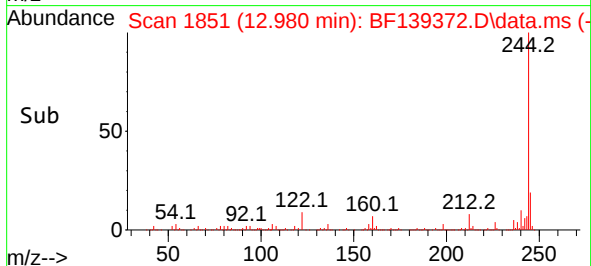
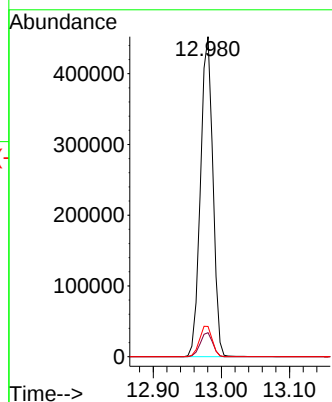


#79
 Terphenyl-d14
 Concen: 90.664 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139372.D
 Acq: 14 Sep 2024 17:08

Instrument :
 BNA_F
 ClientSampleId :
 RW-1



Tgt Ion:244 Resp: 572494
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.5 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: BF139372.D
 Acq: 14 Sep 2024 17:08

Tgt Ion:264 Resp: 113643
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.7 16.6 25.0

