

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

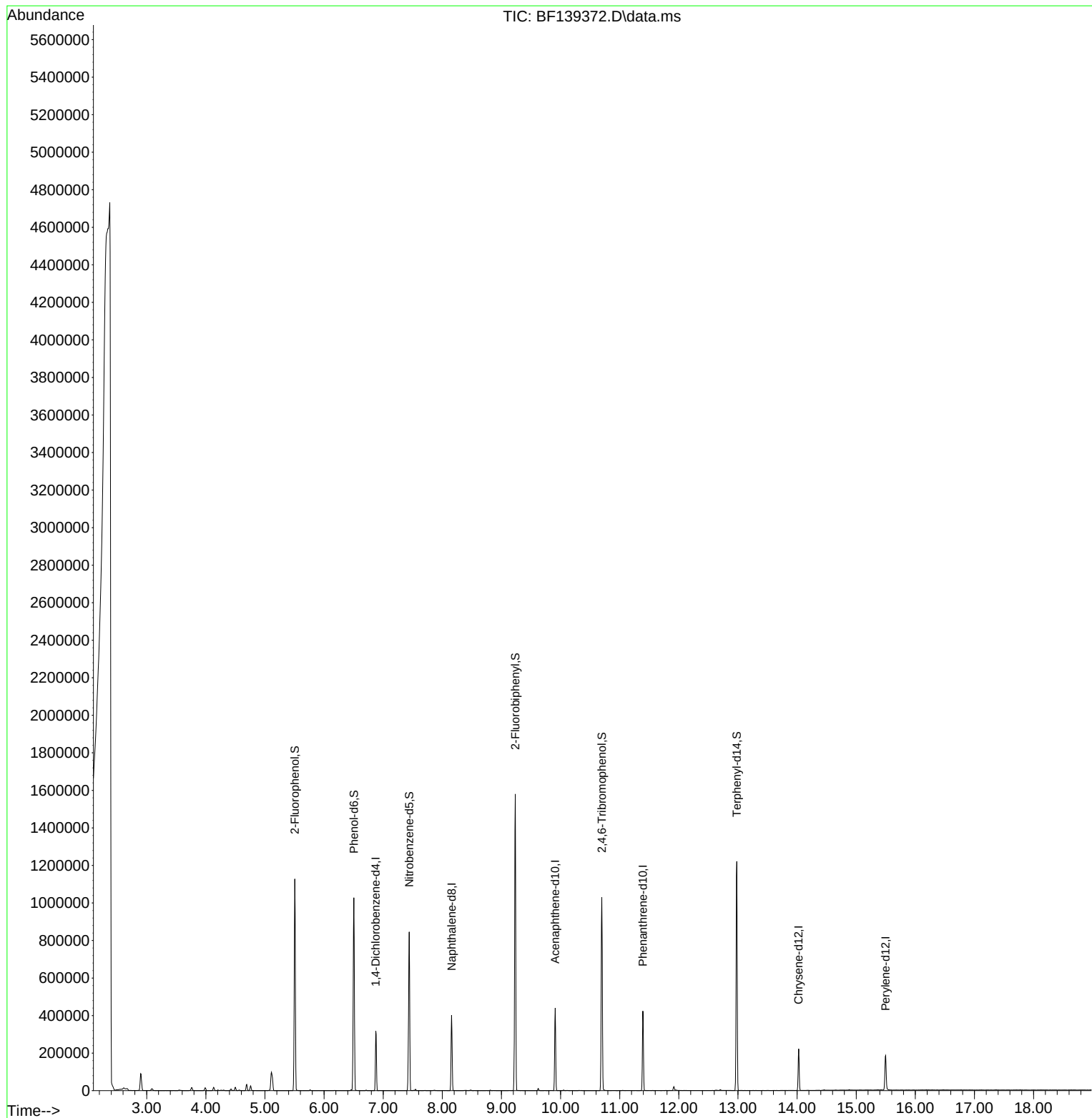
Target Compounds	Qvalue

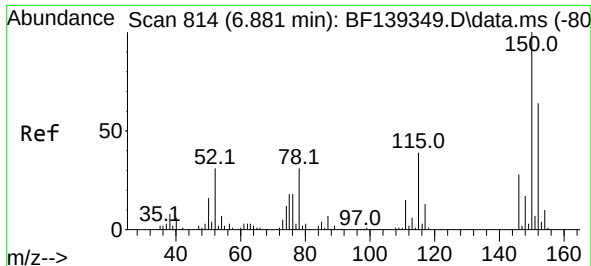
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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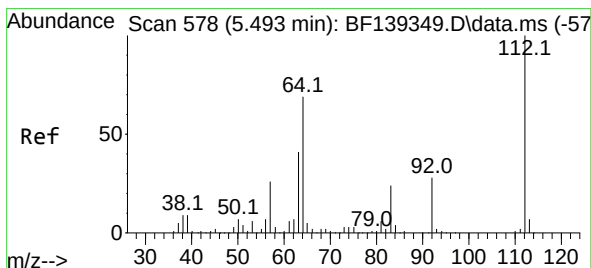
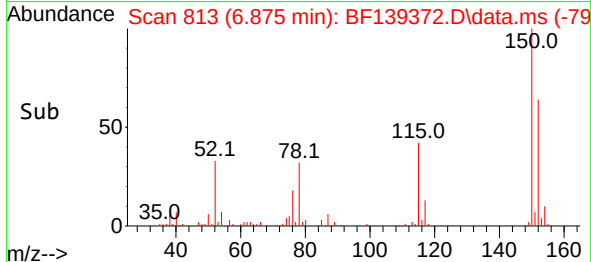
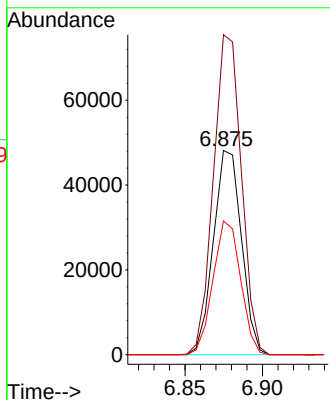
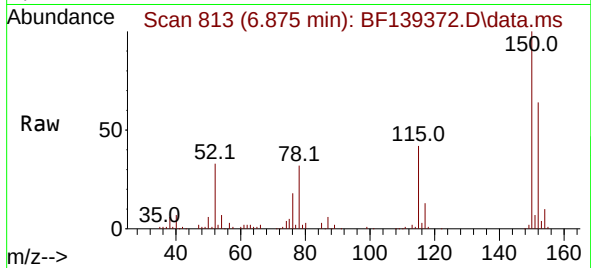




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

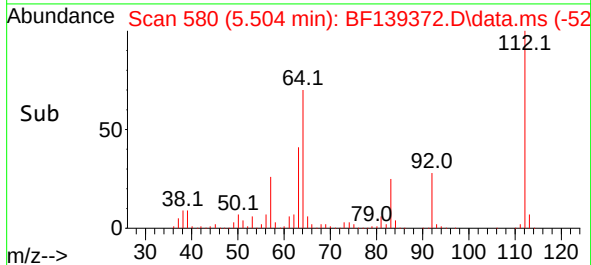
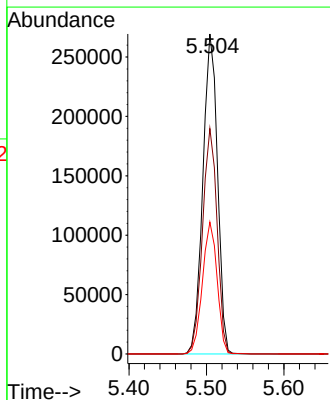
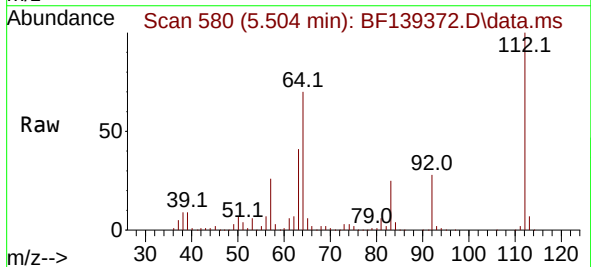
Instrument :
BNA_F
ClientSampleId :
RW-1

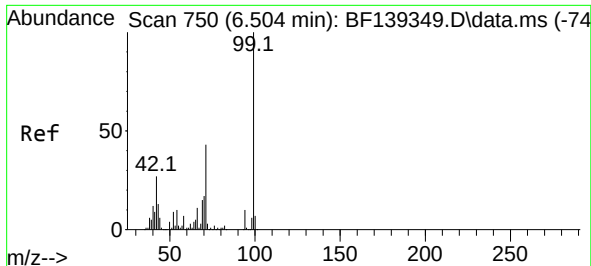
Tgt Ion:152 Resp: 60683
Ion Ratio Lower Upper
152 100
150 156.7 124.1 186.1
115 65.5 48.1 72.1



#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

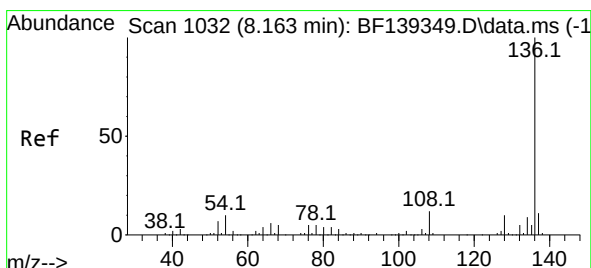
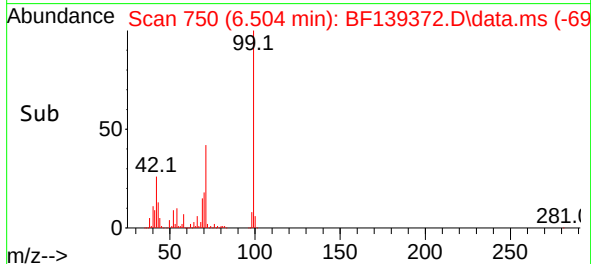
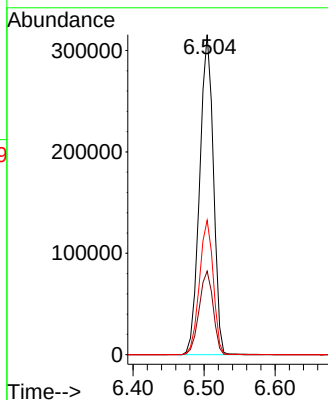
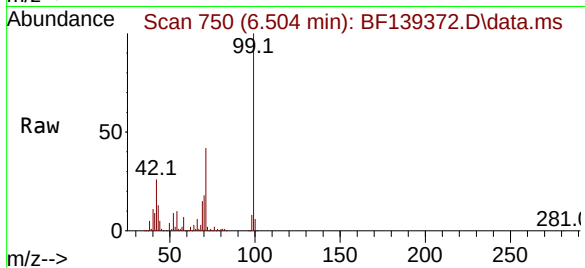
Instrument :

BNA_F

ClientSampleId :

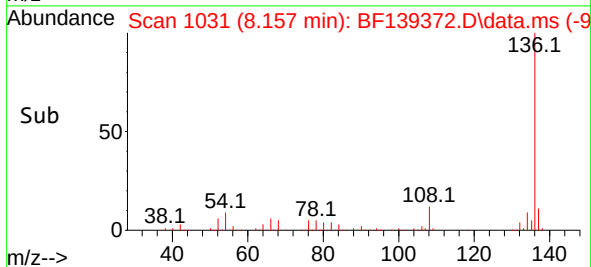
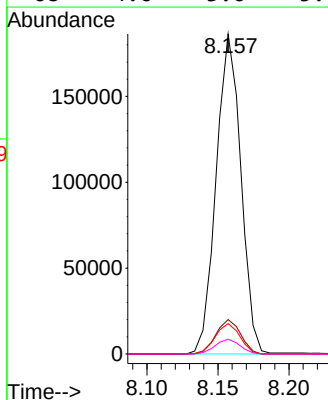
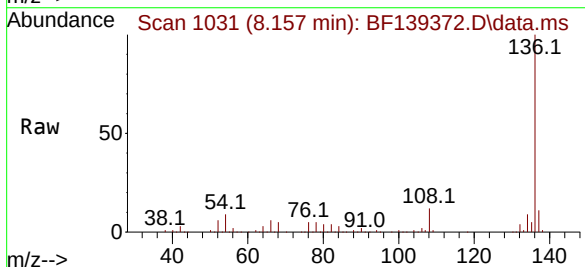
RW-1

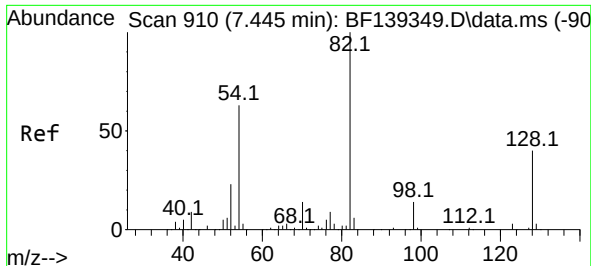
Tgt Ion: 99 Resp: 426718
Ion Ratio Lower Upper
99 100
42 26.1 21.9 32.9
71 42.0 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139372.D
Acq: 14 Sep 2024 17:08

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# 90

Delta R.T. -0.006 min

Lab File: BF139372.D

Acq: 14 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

RW-1

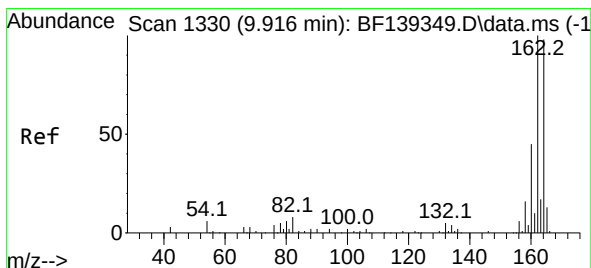
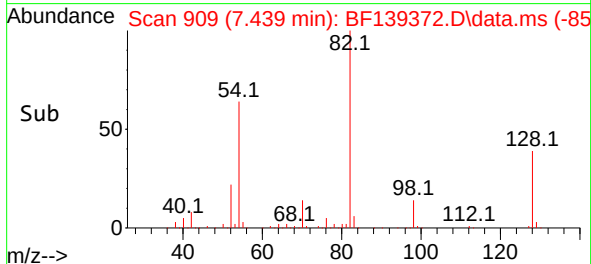
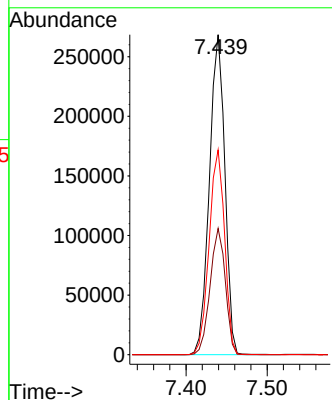
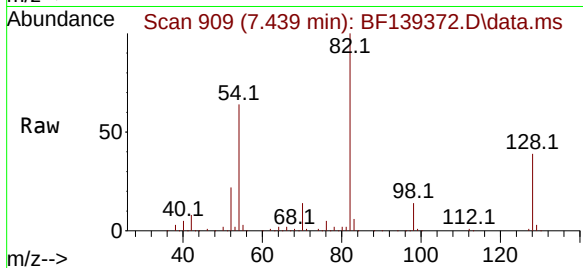
Tgt Ion: 82 Resp: 354844

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 64.0 50.6 75.8



#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

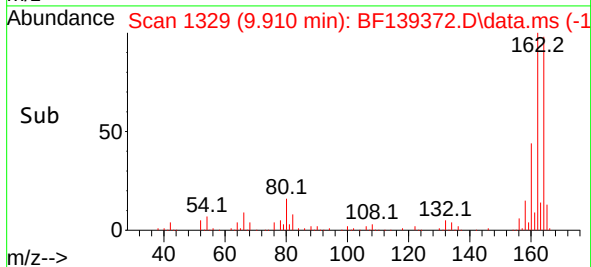
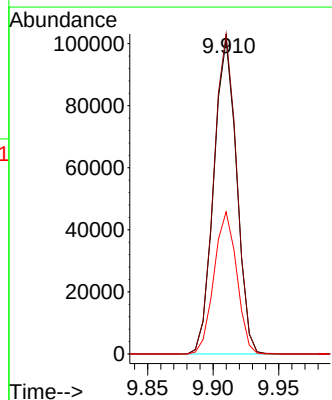
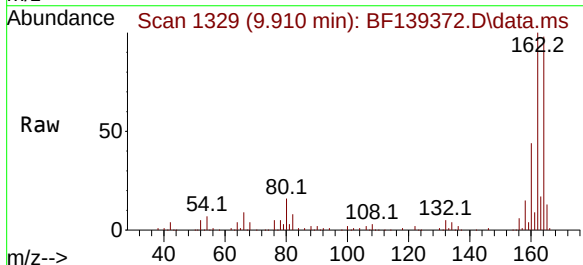
Tgt Ion:164 Resp: 122445

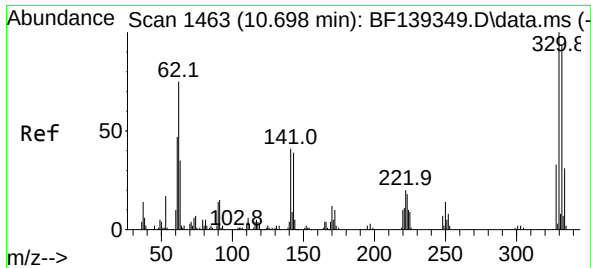
Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 45.2 36.4 54.6

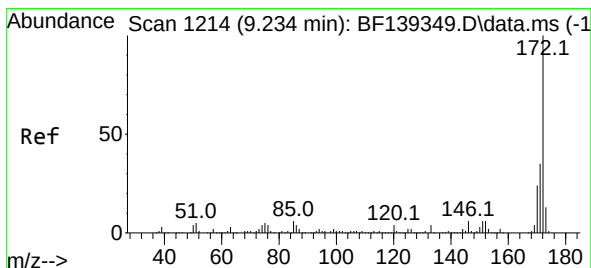
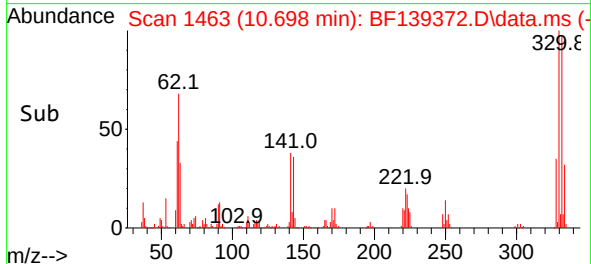
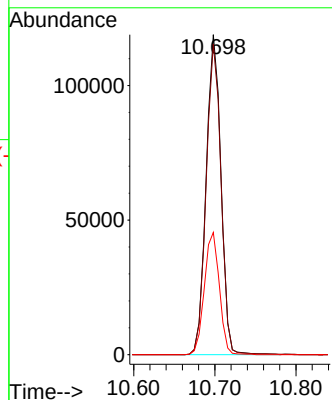
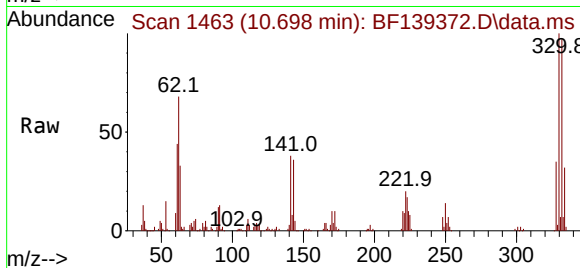




#42
 2,4,6-Tribromophenol
 Concen: 115.218 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.000 min
 Lab File: BF139372.D
 Acq: 14 Sep 2024 17:08

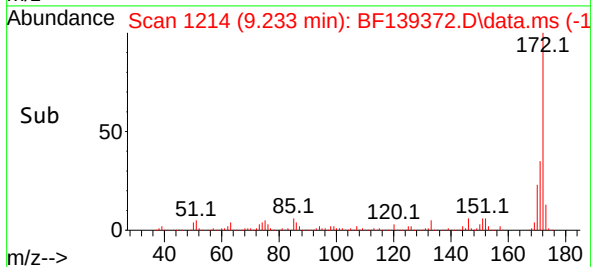
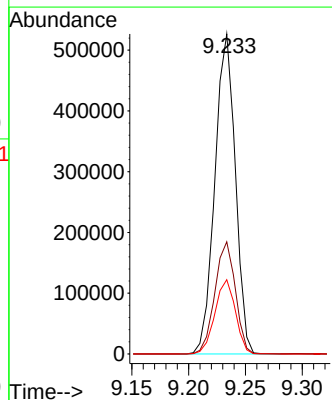
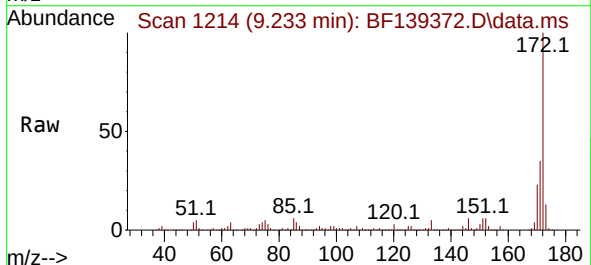
Instrument :
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 RW-1

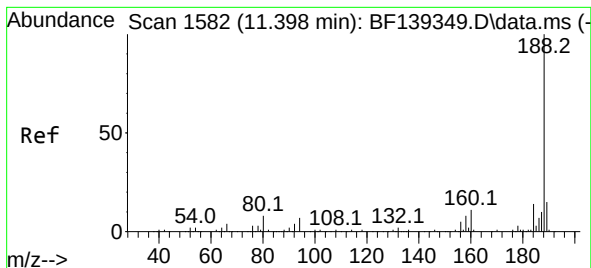
Tgt Ion:330 Resp: 150195
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.2 112.8
 141 38.7 31.2 46.8



#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





#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

Instrument :

BNA_F

ClientSampleId :

RW-1

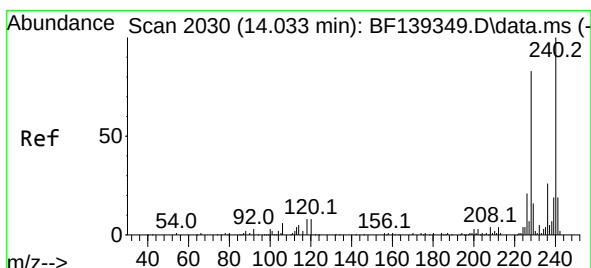
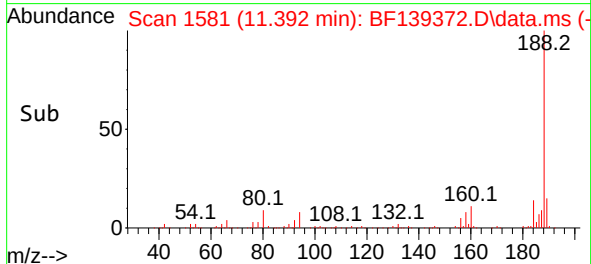
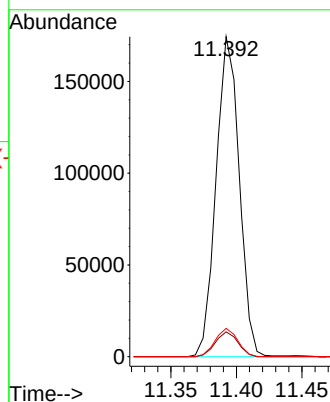
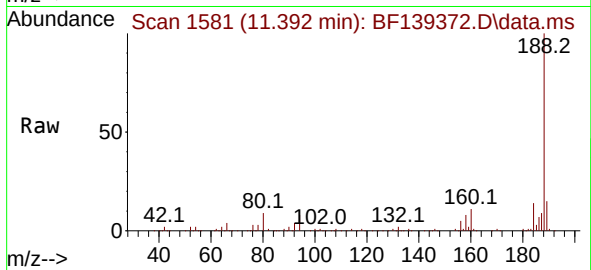
Tgt Ion:188 Resp: 214114

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.8 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139372.D

Acq: 14 Sep 2024 17:08

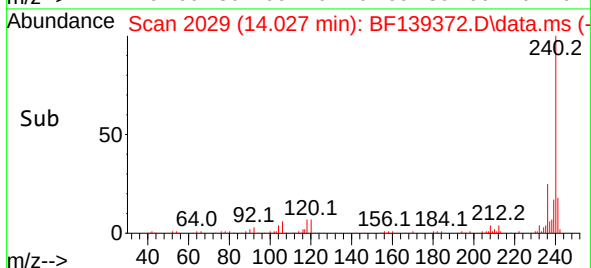
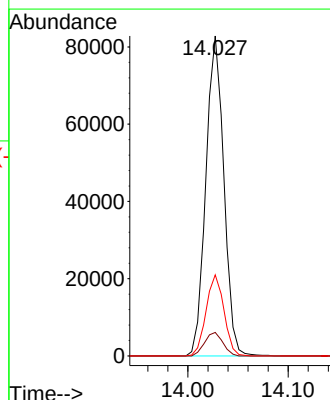
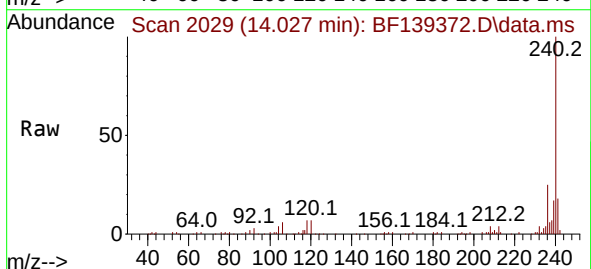
Tgt Ion:240 Resp: 103645

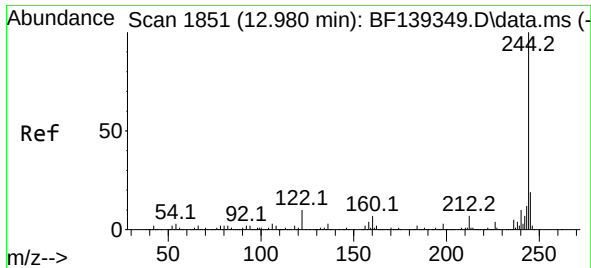
Ion Ratio Lower Upper

240 100

120 7.3 6.2 9.2

236 25.4 20.9 31.3

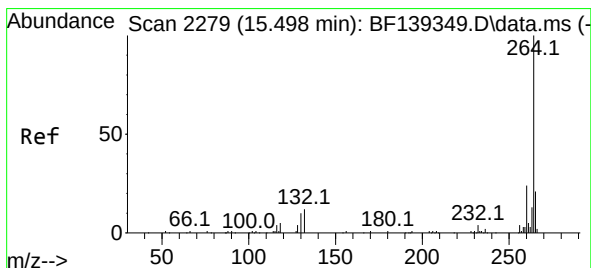
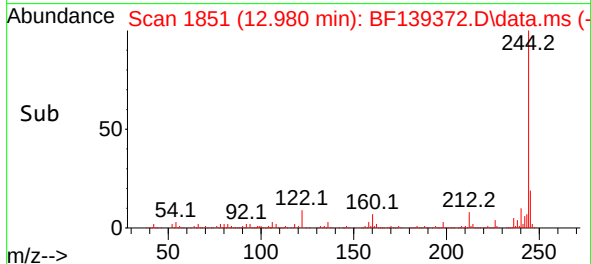
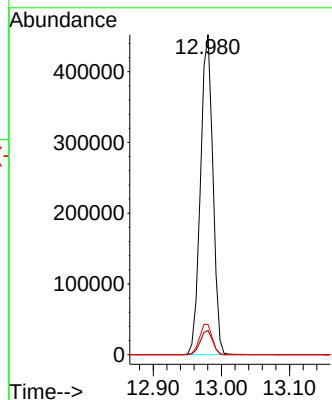
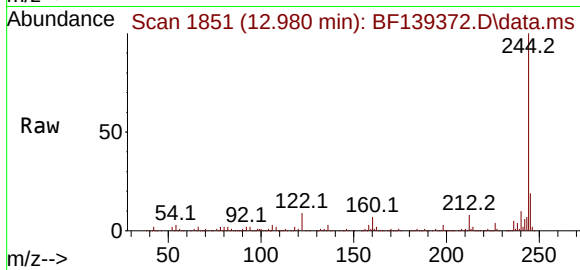




#79
 Terphenyl-d14
 Concen: 90.664 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139372.D
 Acq: 14 Sep 2024 17:08

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

