

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139369.D
 Acq On : 14 Sep 2024 15:42
 Operator : RC/JU
 Sample : P3932-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM1

Quant Time: Sep 16 01:56:16 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)

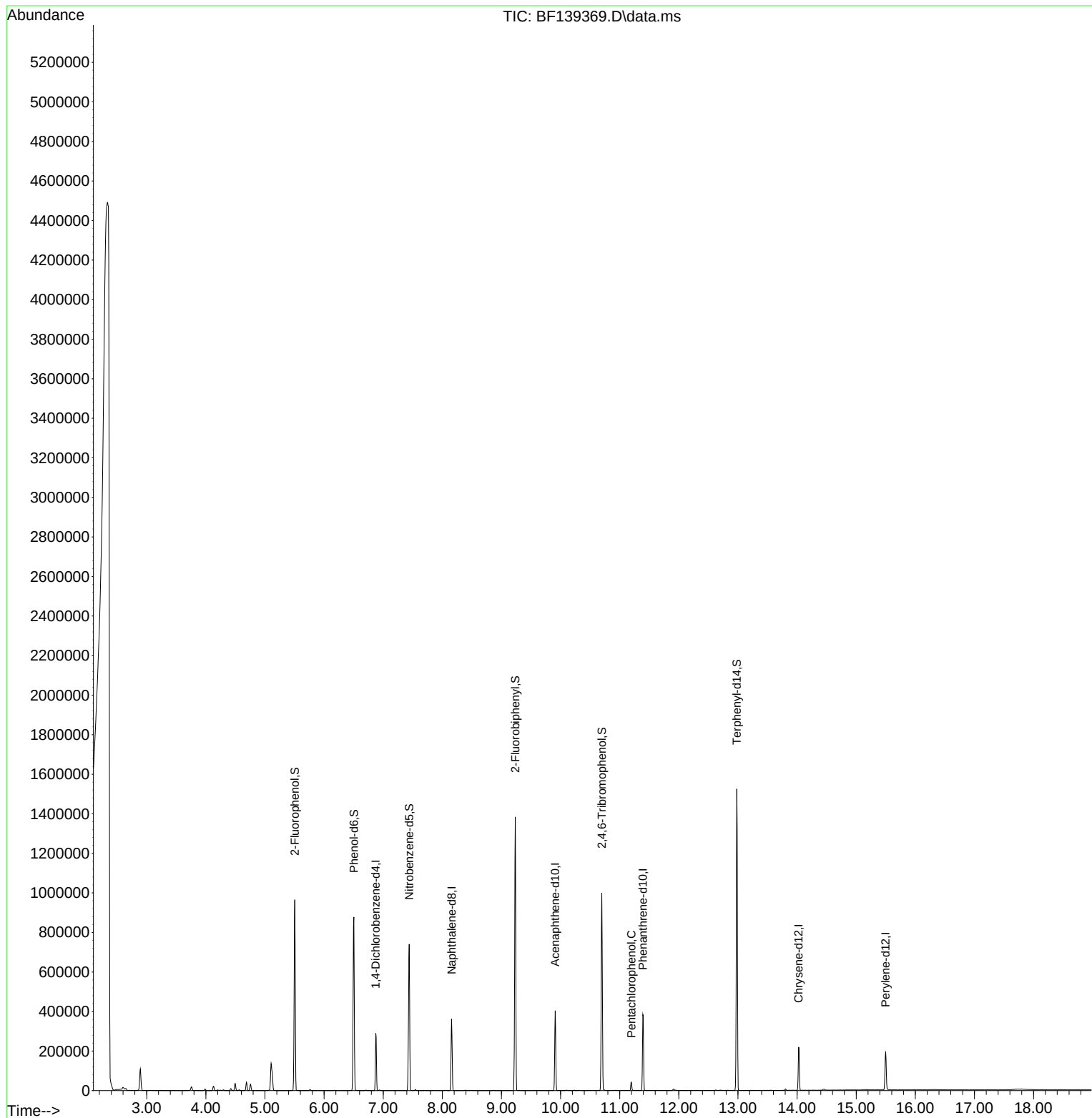
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	55328	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	204428	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	113095	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	205559	20.000	ng	0.00
76) Chrysene-d12	14.027	240	102310	20.000	ng	0.00
86) Perylene-d12	15.498	264	113614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	305130	89.968	ng	0.01
7) Phenol-d6	6.504	99	360718	81.030	ng	0.00
23) Nitrobenzene-d5	7.439	82	310211	71.338	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	145987	121.248	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	572044	70.941	ng	0.00
79) Terphenyl-d14	12.980	244	718230	115.228	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.198	266	6855	4.779	ng	Qvalue 99

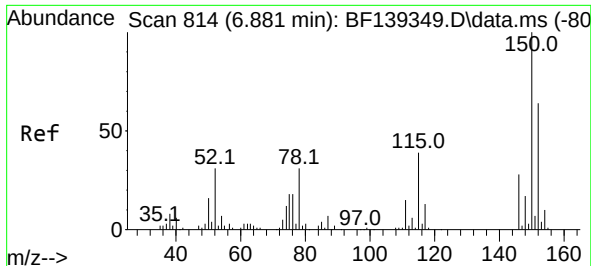
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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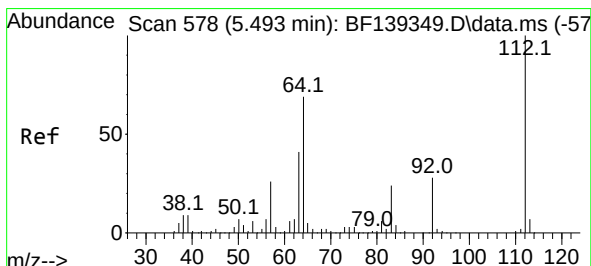
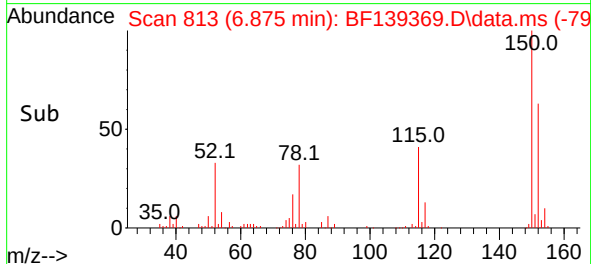
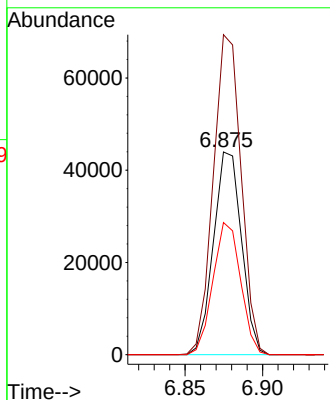
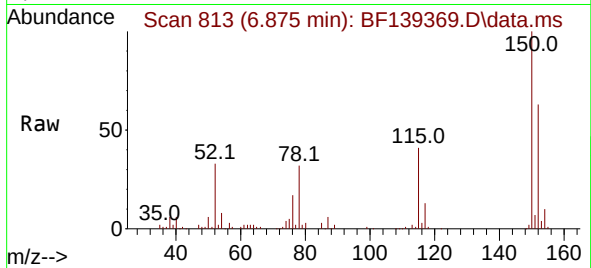




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

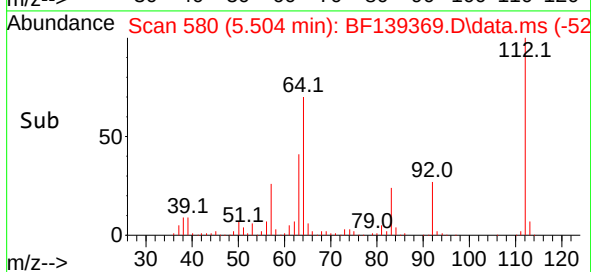
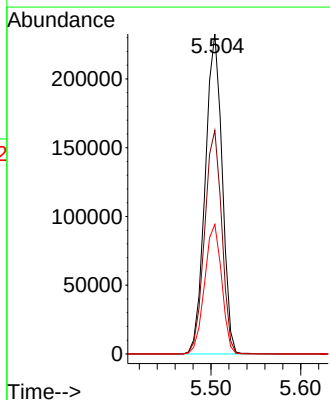
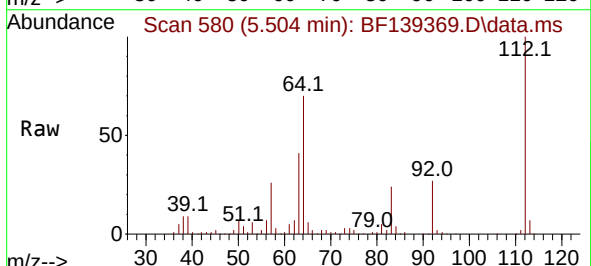
Instrument :
BNA_F
ClientSampleId :
FM1

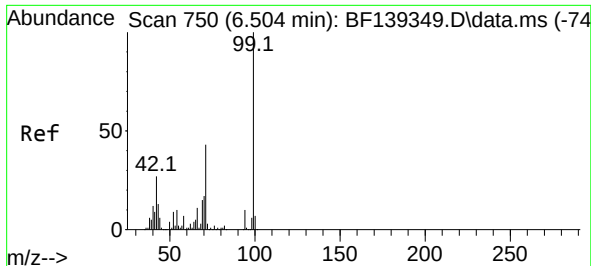
Tgt Ion:152 Resp: 55328
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 65.2 48.1 72.1



#5
2-Fluorophenol
Concen: 89.968 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

Tgt Ion:112 Resp: 305130
Ion Ratio Lower Upper
112 100
64 69.8 54.8 82.2
63 40.5 33.0 49.4

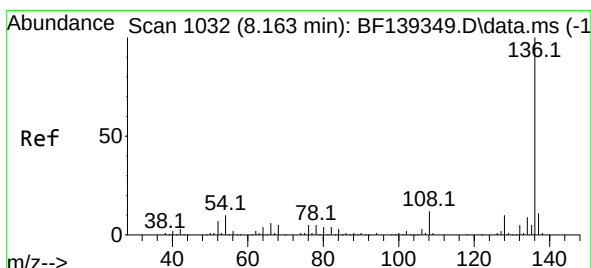
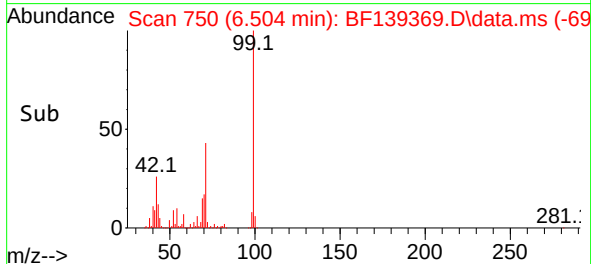
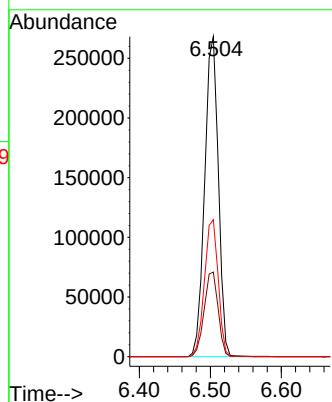
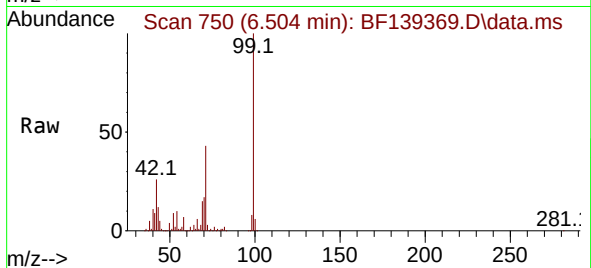




#7
Phenol-d6
Concen: 81.030 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

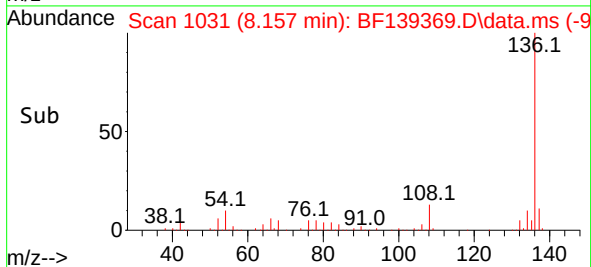
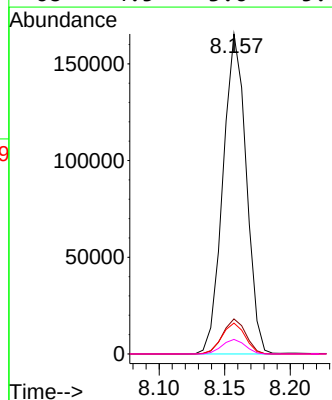
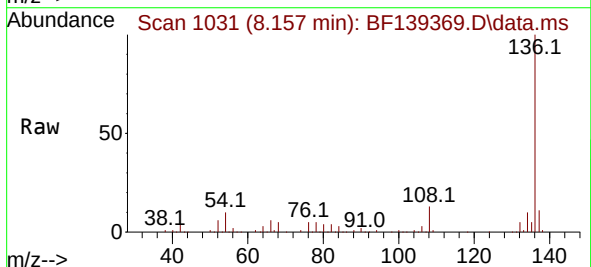
Instrument :
BNA_F
ClientSampleId :
FM1

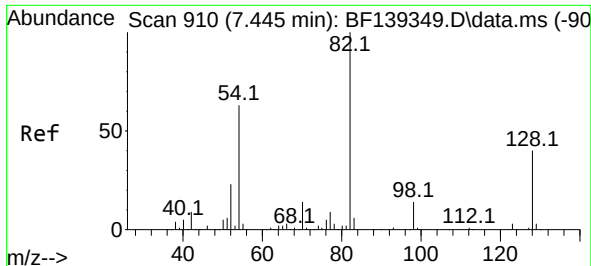
Tgt Ion: 99 Resp: 360718
Ion Ratio Lower Upper
99 100
42 26.4 21.9 32.9
71 42.8 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

Tgt Ion: 136 Resp: 204428
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 7.8 11.8
68 4.5 3.6 5.4





#23

Nitrobenzene-d5

Concen: 71.338 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

Instrument :

BNA_F

ClientSampleId :

FM1

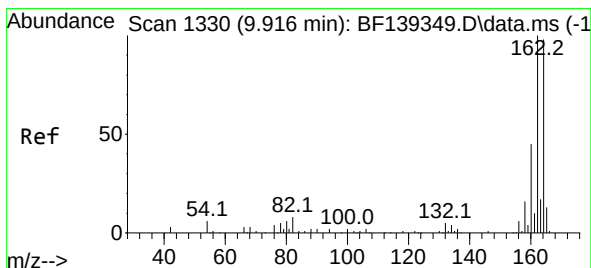
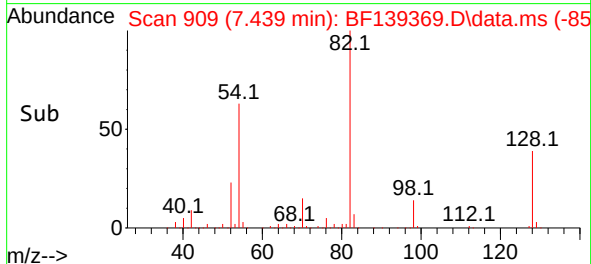
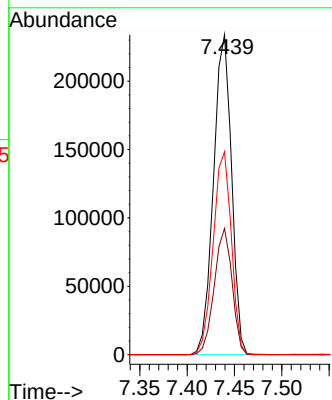
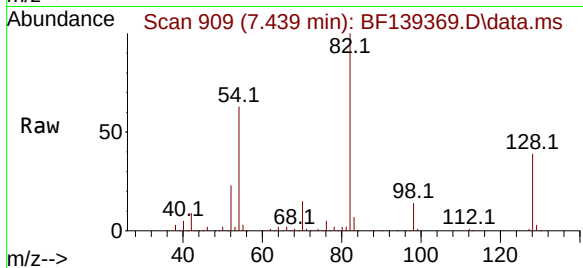
Tgt Ion: 82 Resp: 310211

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 63.4 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: BF139369.D

Acq: 14 Sep 2024 15:42

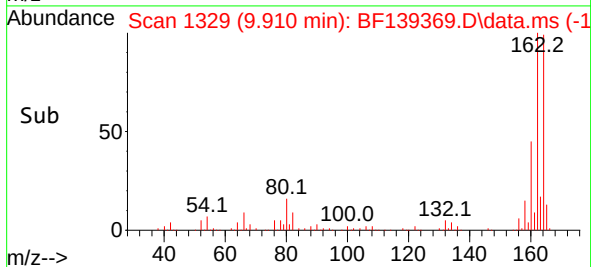
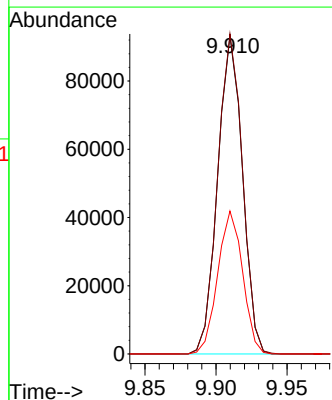
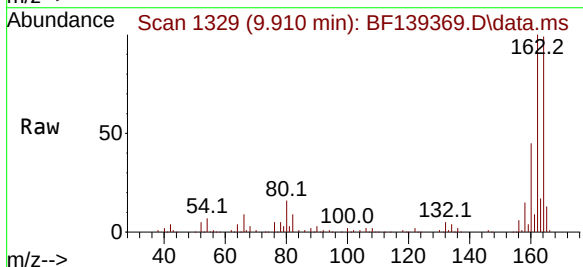
Tgt Ion:164 Resp: 113095

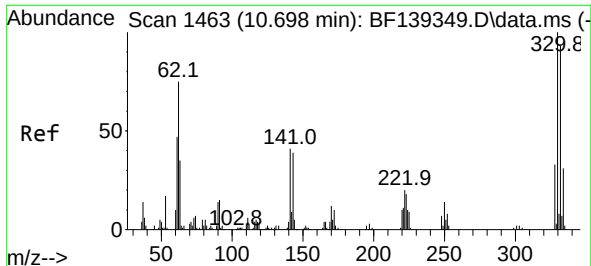
Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 121.248 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

Instrument :

BNA_F

ClientSampleId :

FM1

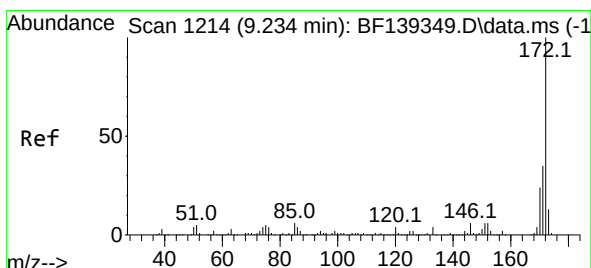
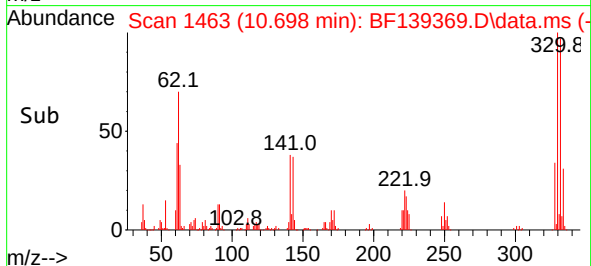
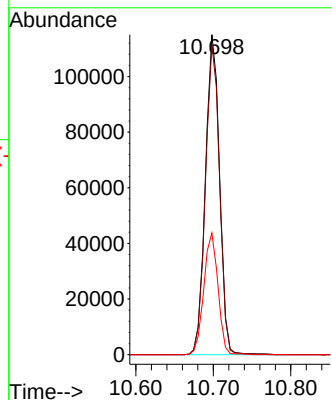
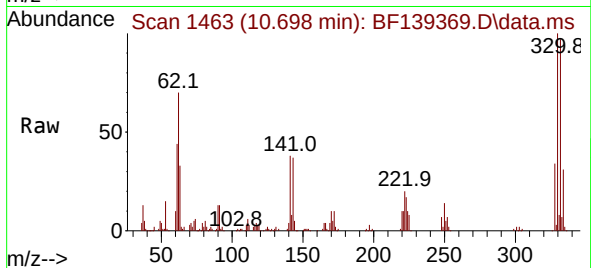
Tgt Ion:330 Resp: 145987

Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 38.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.941 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

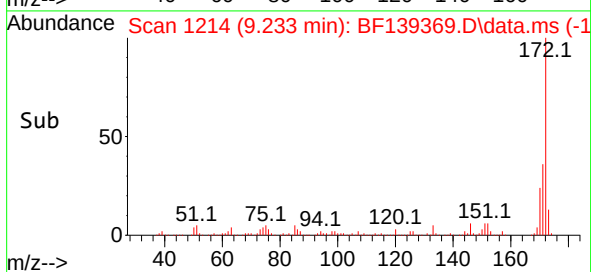
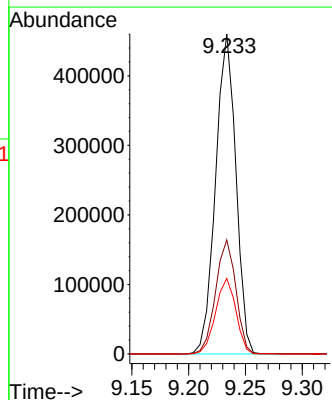
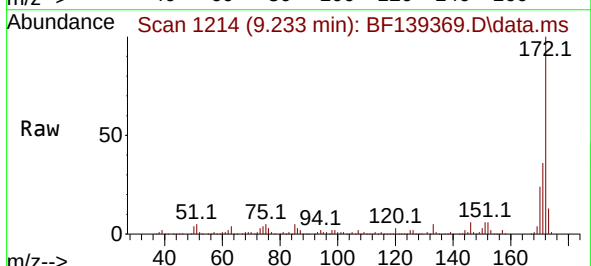
Tgt Ion:172 Resp: 572044

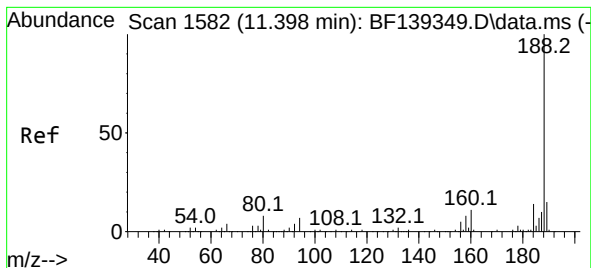
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 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: BF139369.D

Acq: 14 Sep 2024 15:42

Instrument :

BNA_F

ClientSampleId :

FM1

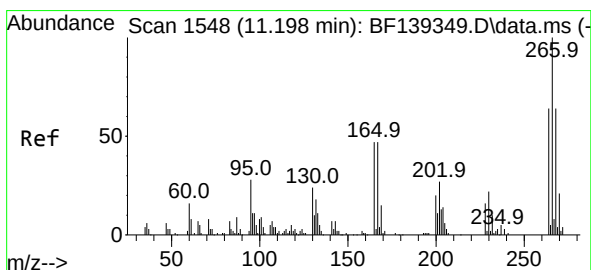
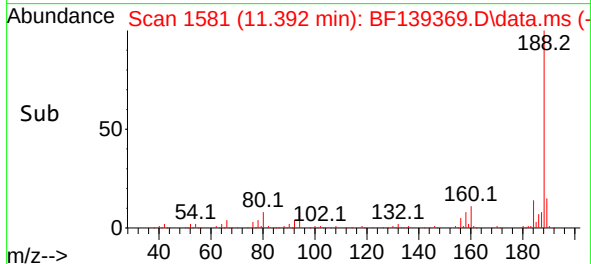
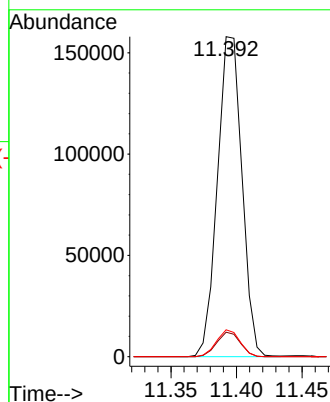
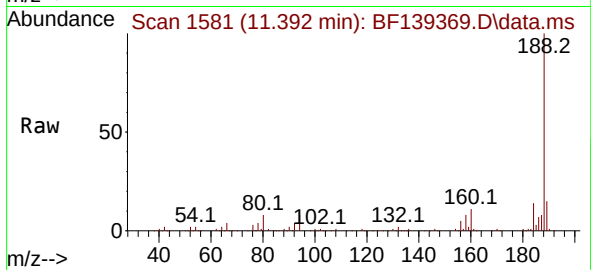
Tgt Ion:188 Resp: 205559

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.4 6.6 9.8



#70

Pentachlorophenol

Concen: 4.779 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

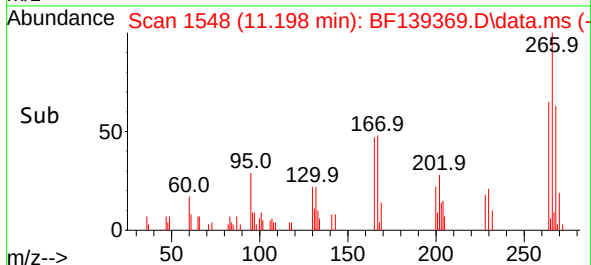
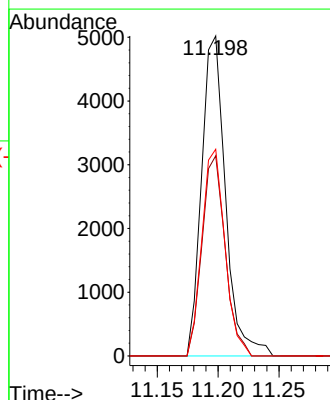
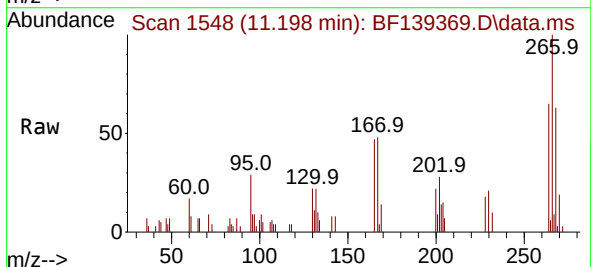
Tgt Ion:266 Resp: 6855

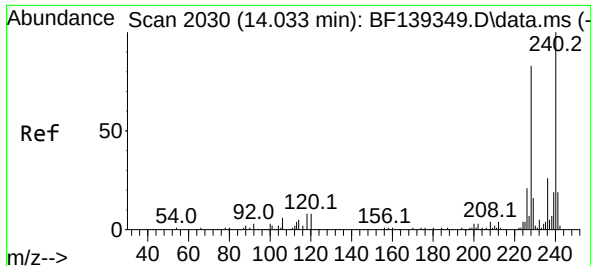
Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

264 64.6 51.4 77.0

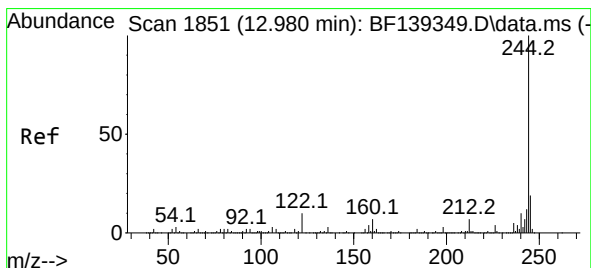
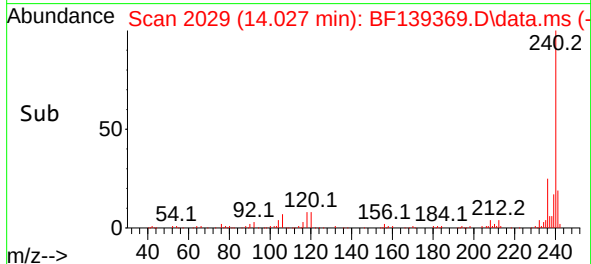
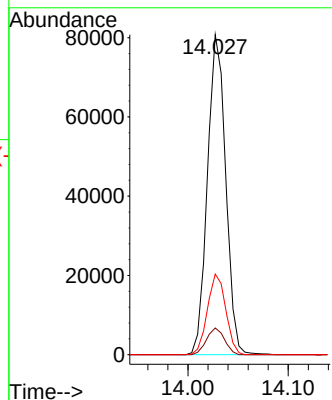
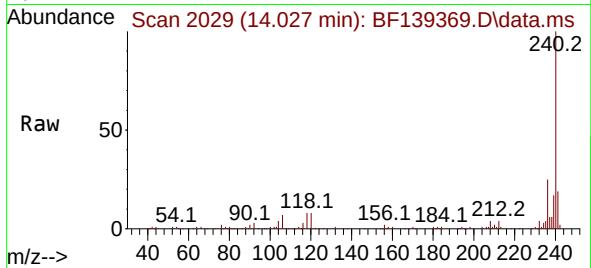




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

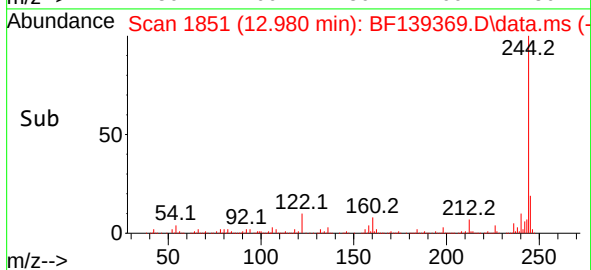
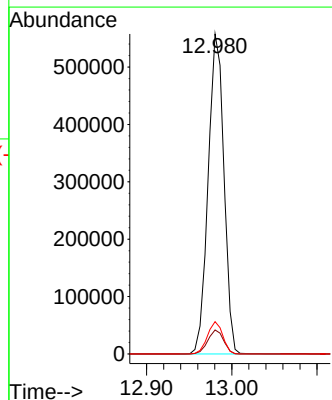
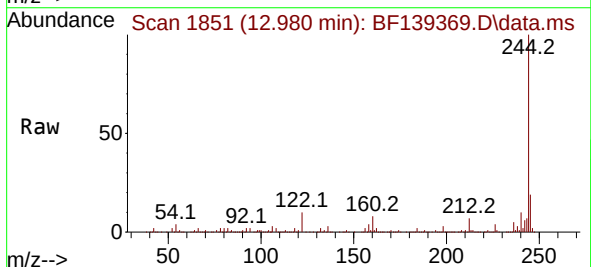
Instrument :
BNA_F
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FM1

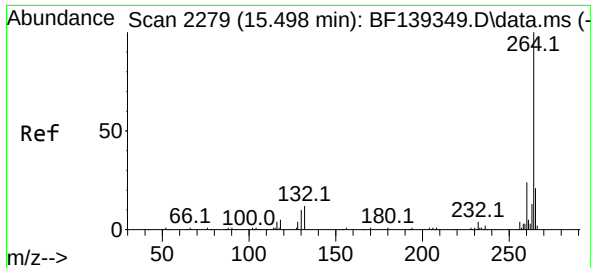
Tgt Ion:240 Resp: 102310
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 115.228 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

Tgt Ion:244 Resp: 718230
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.1 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139369.D
 Acq: 14 Sep 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 FM1

Tgt Ion:264 Resp: 113614
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.5 16.6 25.0

