

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139395.D
 Acq On : 17 Sep 2024 11:36
 Operator : RC/JU
 Sample : PB163307TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163307TB

Quant Time: Sep 17 12:01:21 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	68273	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264273	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	154874	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	297313	20.000	ng	0.00
76) Chrysene-d12	14.033	240	203874	20.000	ng	0.00
86) Perylene-d12	15.504	264	161018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	460149	109.950	ng	0.01
7) Phenol-d6	6.504	99	596141	108.524	ng	0.00
23) Nitrobenzene-d5	7.439	82	420993	74.890	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	183683	111.403	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	807547	73.130	ng	0.00
79) Terphenyl-d14	12.980	244	933268	75.137	ng	0.00

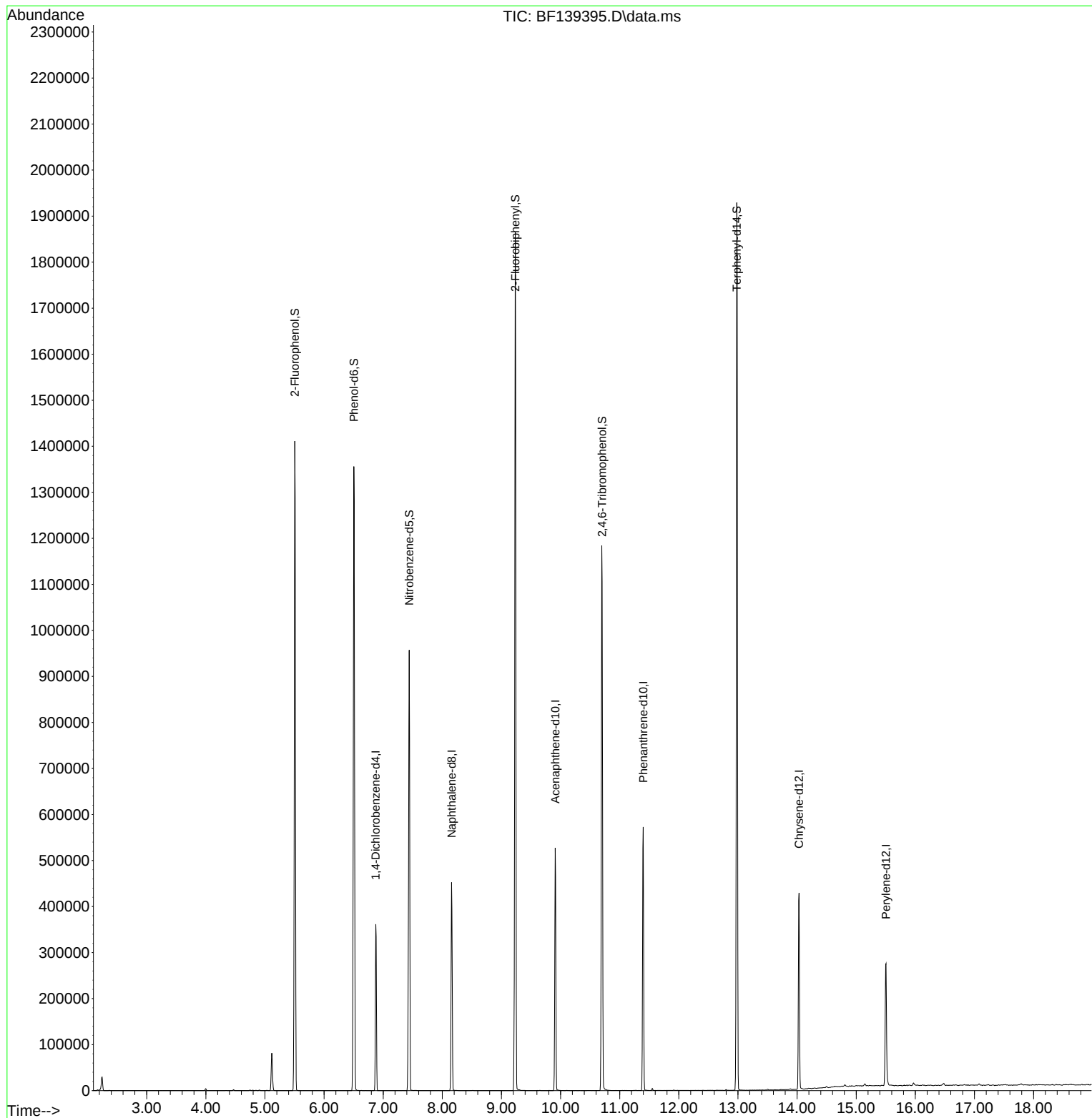
Target Compounds	Qvalue

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

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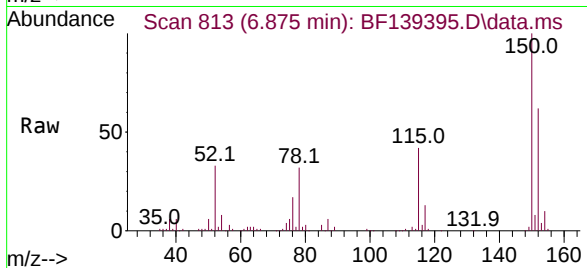
Quant Time: Sep 17 12:01:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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QLast Update : Sat Sep 14 02:58:23 2024
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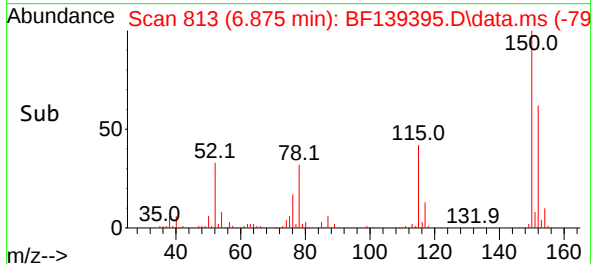
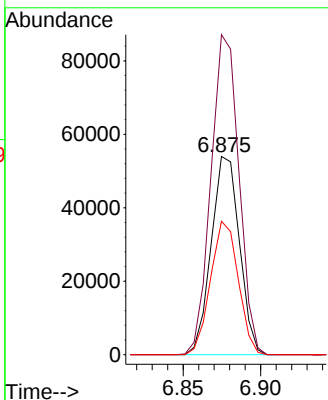


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Instrument :
BNA_F
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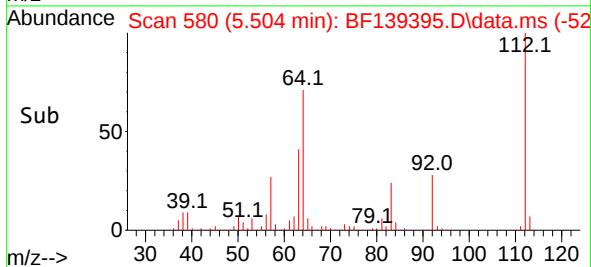
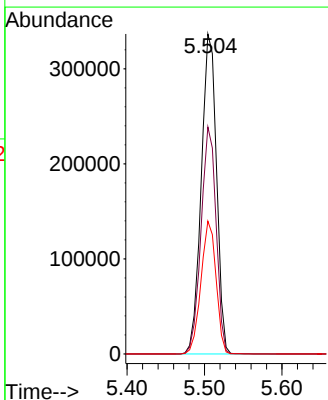
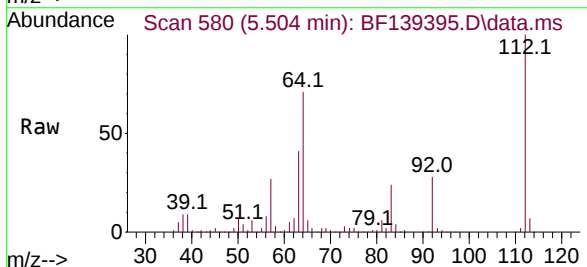


Tgt Ion:152 Resp: 68273
Ion Ratio Lower Upper
152 100
150 161.4 124.1 186.1
115 67.3 48.1 72.1



#5
2-Fluorophenol
Concen: 109.950 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Tgt Ion:112 Resp: 460149
Ion Ratio Lower Upper
112 100
64 71.0 54.8 82.2
63 41.5 33.0 49.4

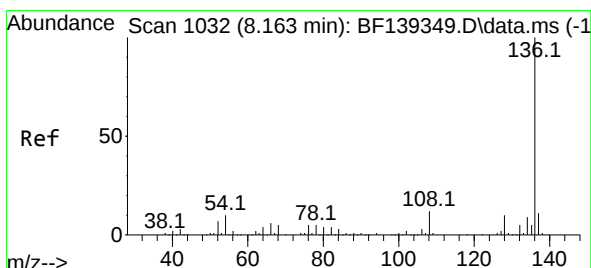
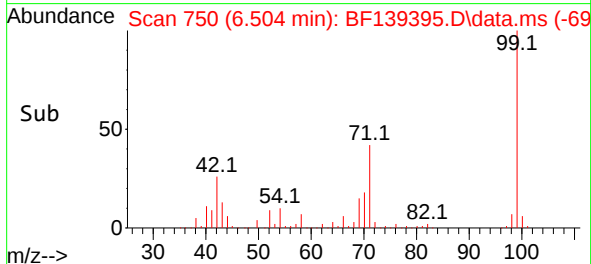
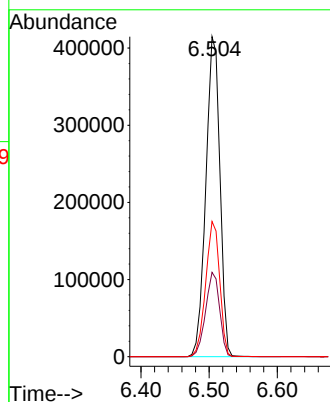
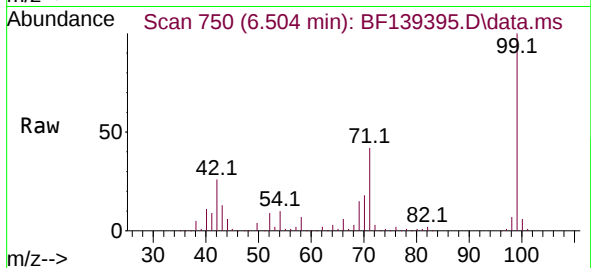




#7
Phenol-d6
Concen: 108.524 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

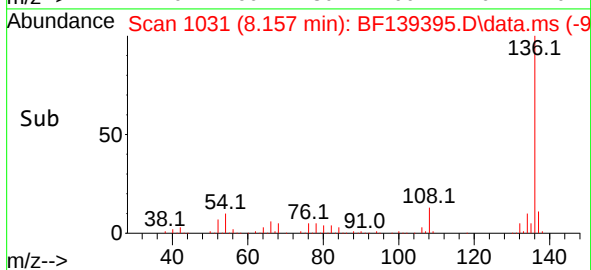
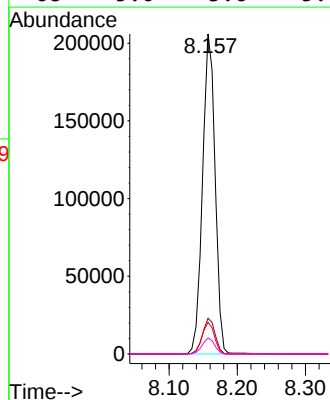
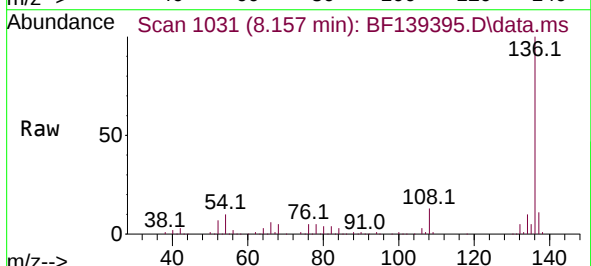
Instrument :
BNA_F
ClientSampleId :
PB163307TB

Tgt Ion: 99 Resp: 596141
Ion Ratio Lower Upper
99 100
42 26.3 21.9 32.9
71 42.2 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: BF139395.D
Acq: 17 Sep 2024 11:36

Tgt Ion: 136 Resp: 264273
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.9 7.8 11.8
68 5.0 3.6 5.4





#23

Nitrobenzene-d5

Concen: 74.890 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

Instrument :

BNA_F

ClientSampleId :

PB163307TB

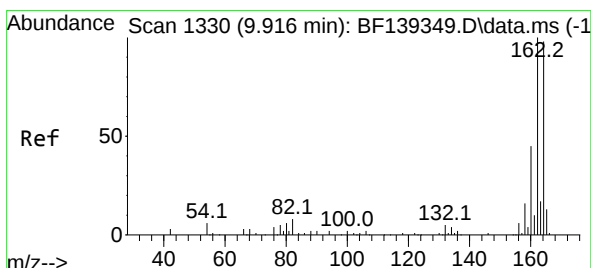
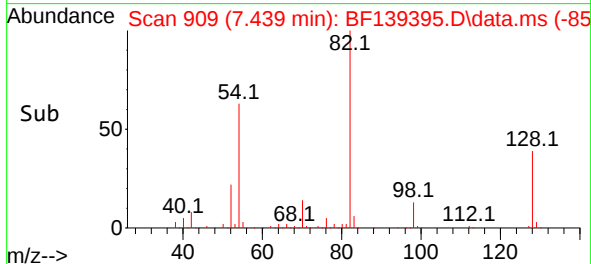
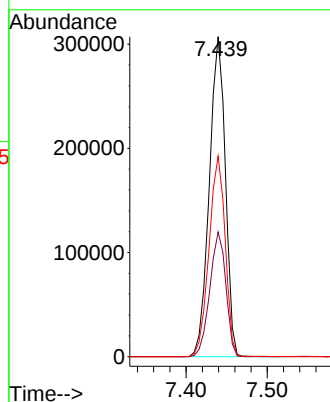
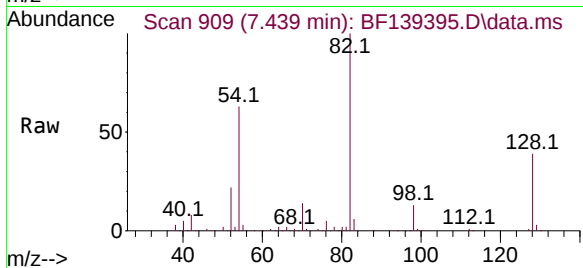
Tgt Ion: 82 Resp: 420993

Ion Ratio Lower Upper

82 100

128 39.0 31.8 47.6

54 62.6 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: BF139395.D

Acq: 17 Sep 2024 11:36

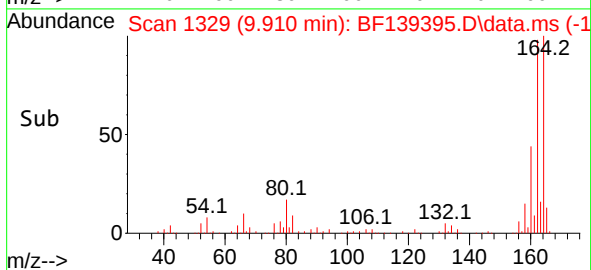
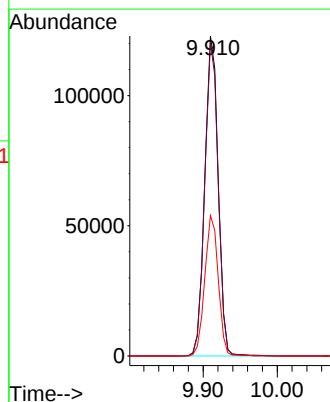
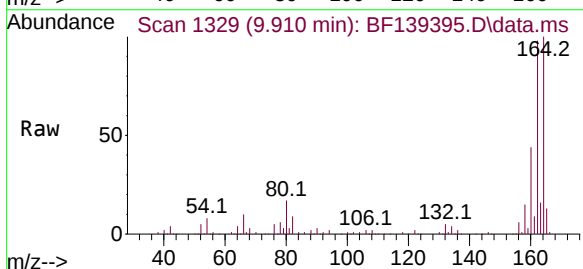
Tgt Ion:164 Resp: 154874

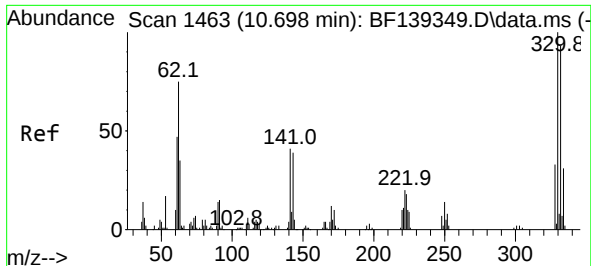
Ion Ratio Lower Upper

164 100

162 98.0 81.3 121.9

160 43.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 111.403 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139395.D

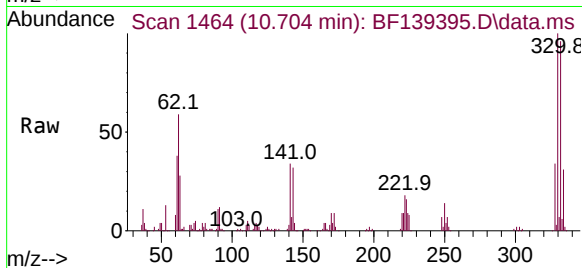
Acq: 17 Sep 2024 11:36

Instrument :

BNA_F

ClientSampleId :

PB163307TB



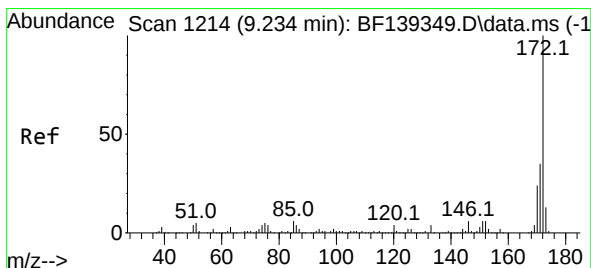
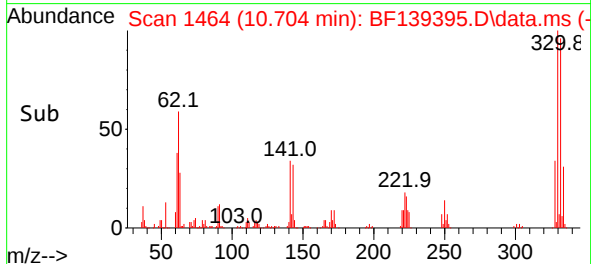
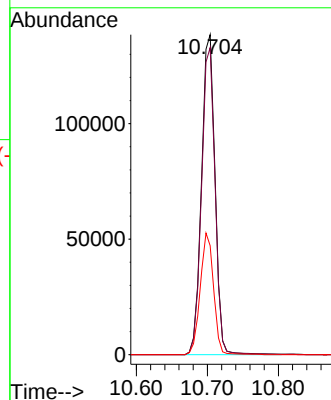
Tgt Ion:330 Resp: 183683

Ion Ratio Lower Upper

330 100

332 96.0 75.2 112.8

141 37.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 73.130 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

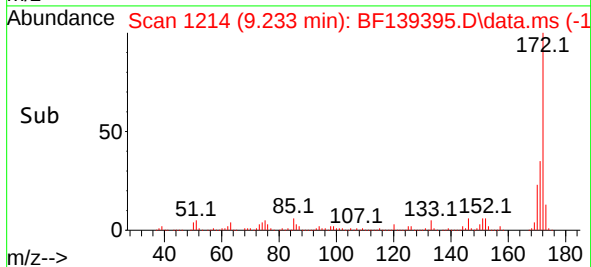
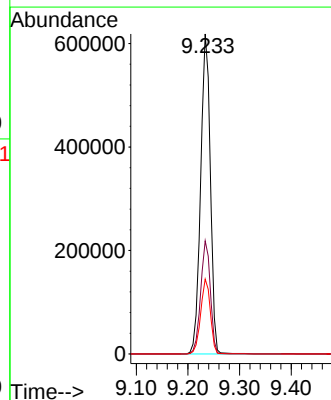
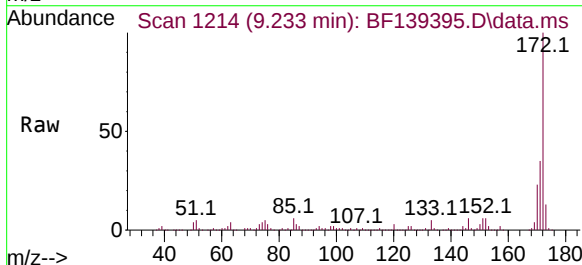
Tgt Ion:172 Resp: 807547

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

Instrument :

BNA_F

ClientSampleId :

PB163307TB

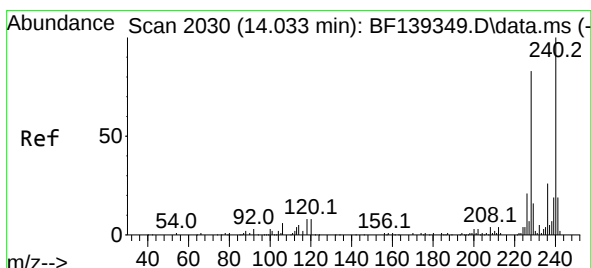
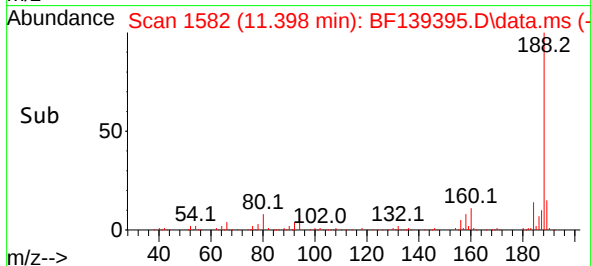
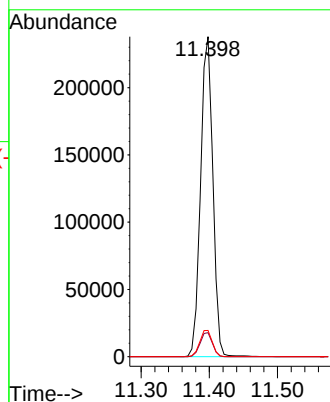
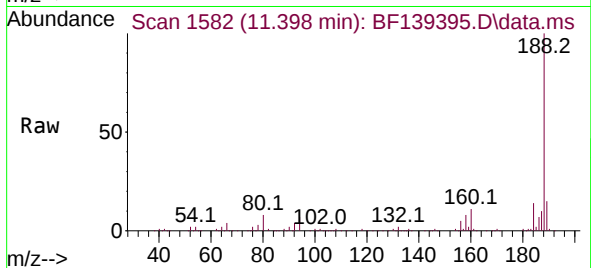
Tgt Ion:188 Resp: 297313

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 8.2 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

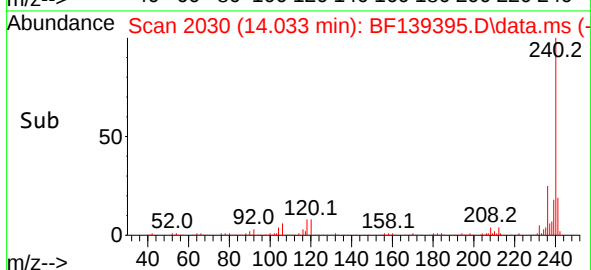
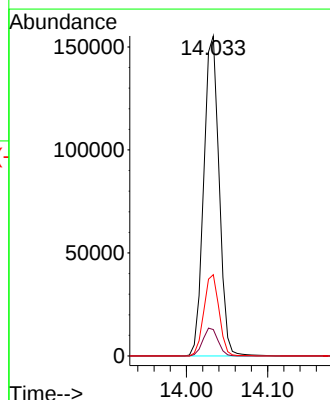
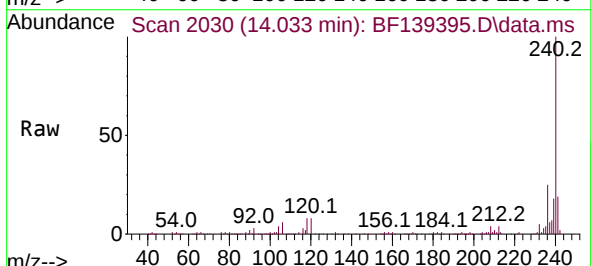
Tgt Ion:240 Resp: 203874

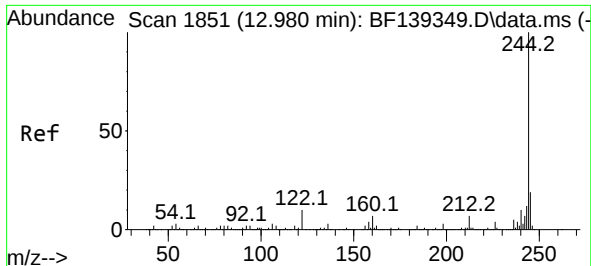
Ion Ratio Lower Upper

240 100

120 8.2 6.2 9.2

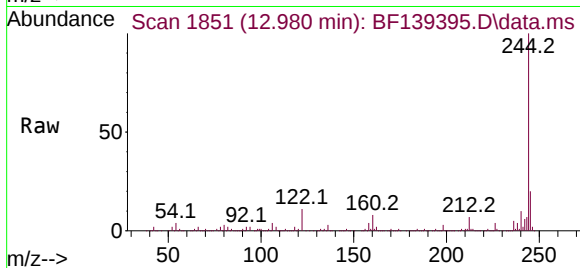
236 25.4 20.9 31.3



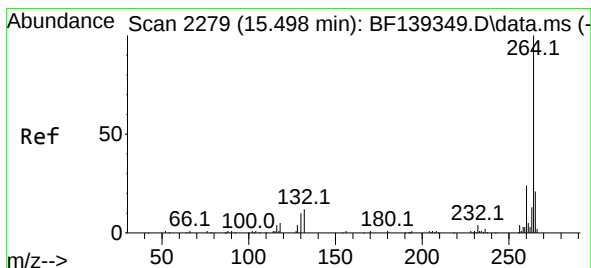
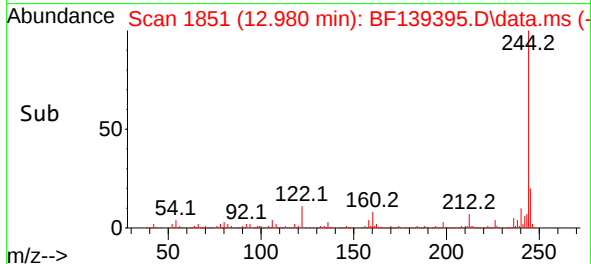
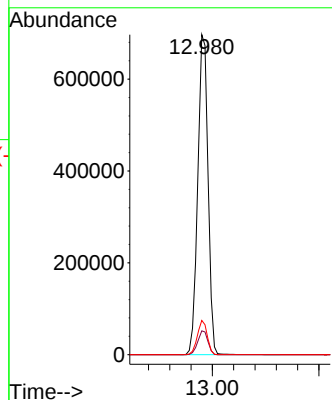


#79
 Terphenyl-d14
 Concen: 75.137 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139395.D
 Acq: 17 Sep 2024 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB163307TB



Tgt Ion:244 Resp: 933268
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.7 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: BF139395.D
 Acq: 17 Sep 2024 11:36

Tgt Ion:264 Resp: 161018
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.4 16.6 25.0

