

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139354.D
 Acq On : 13 Sep 2024 21:09
 Operator : RC/JU
 Sample : PB163259BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163259BL

Quant Time: Sep 14 03:34:49 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	54096	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	201446	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	114079	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	224784	20.000	ng	0.00
76) Chrysene-d12	14.027	240	158549	20.000	ng	0.00
86) Perylene-d12	15.498	264	130068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	443830	133.844	ng	0.01
7) Phenol-d6	6.504	99	578077	132.814	ng	0.00
23) Nitrobenzene-d5	7.440	82	388953	90.770	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	162050	133.428	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	745638	91.671	ng	0.00
79) Terphenyl-d14	12.980	244	901298	93.308	ng	0.00

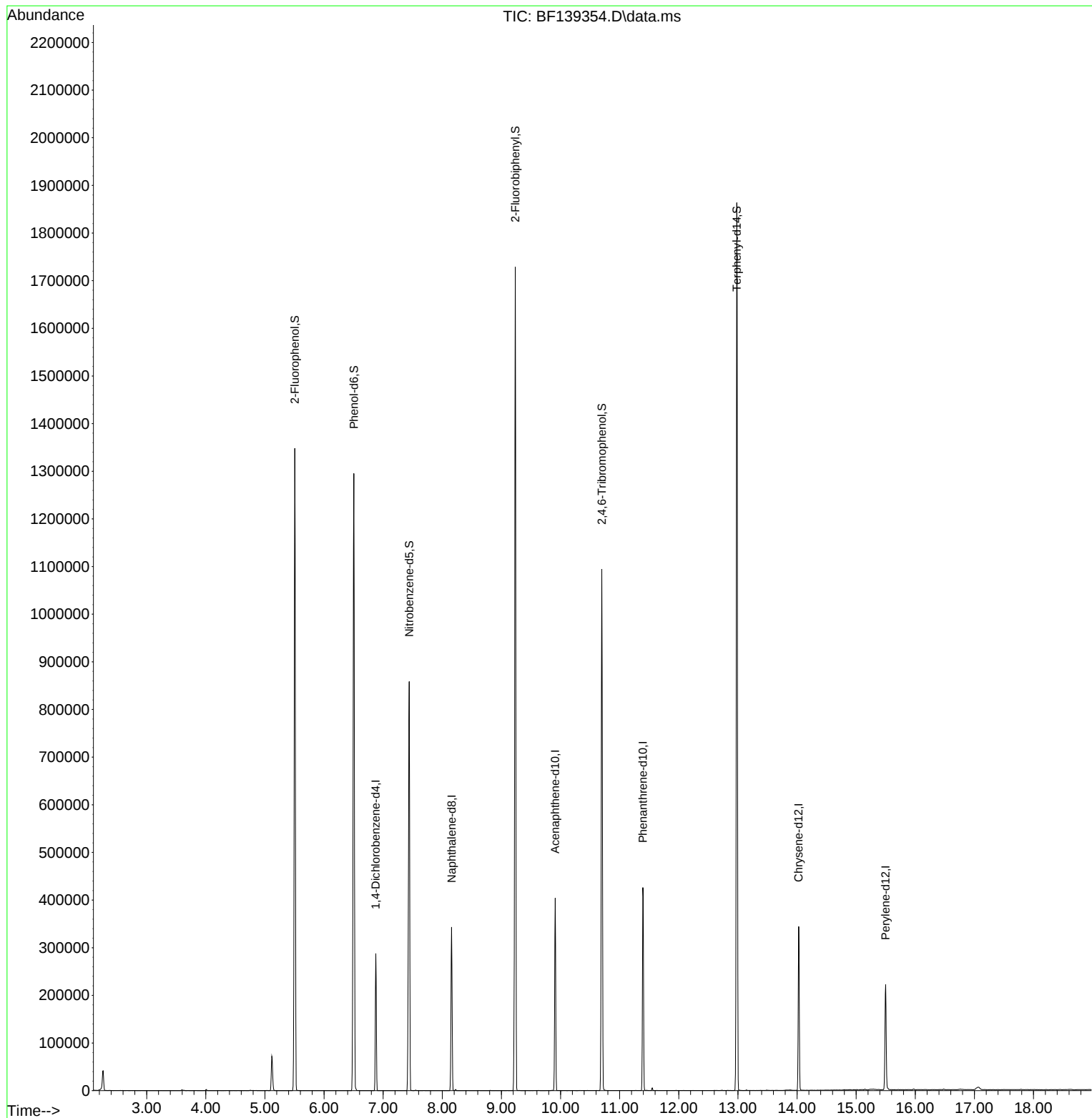
Target Compounds	Qvalue

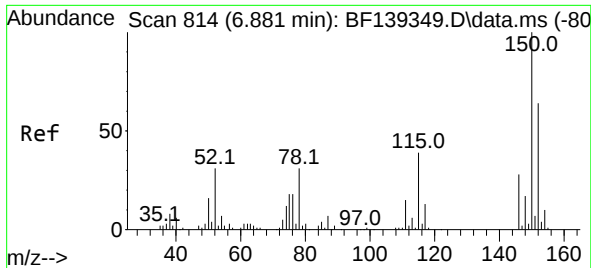
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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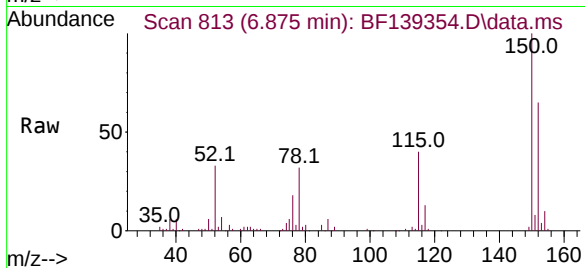
Quant Time: Sep 14 03:34:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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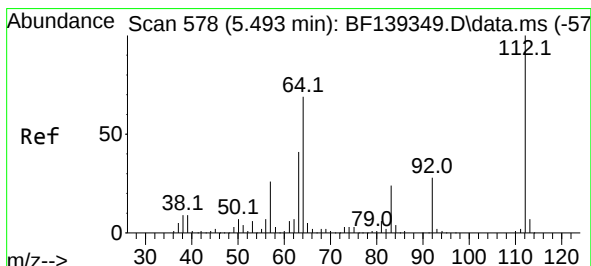
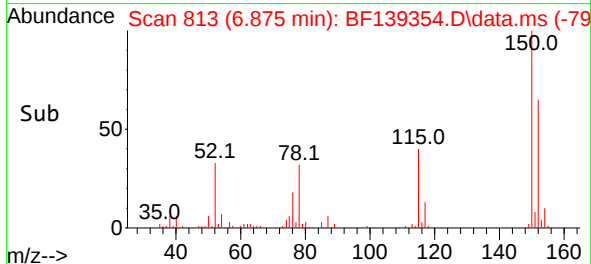
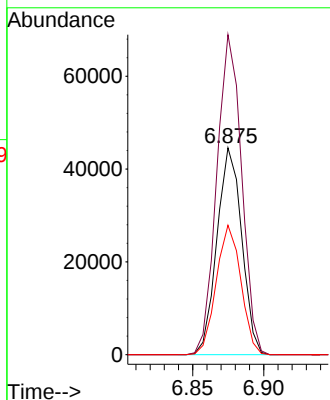


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139354.D
Acq: 13 Sep 2024 21:09

Instrument :
BNA_F
ClientSampleId :
PB163259BL

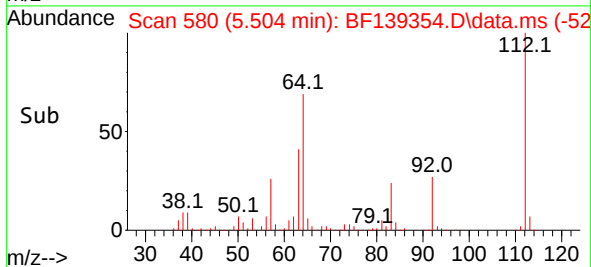
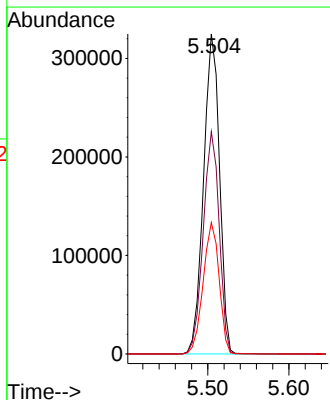
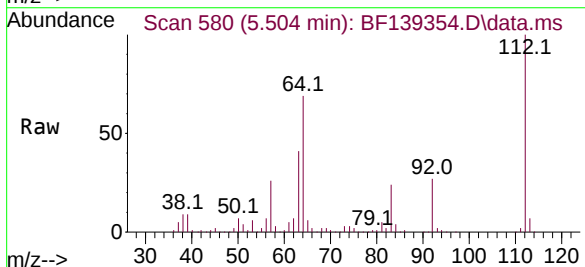


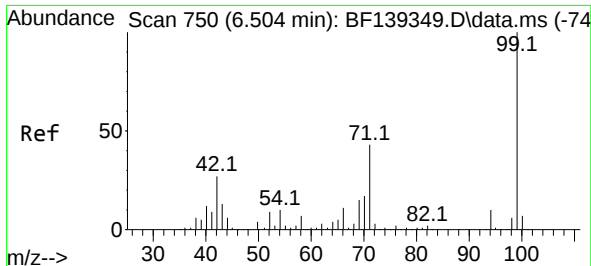
Tgt Ion:152 Resp: 54096
Ion Ratio Lower Upper
152 100
150 154.7 124.1 186.1
115 62.6 48.1 72.1



#5
2-Fluorophenol
Concen: 133.844 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139354.D
Acq: 13 Sep 2024 21:09

Tgt Ion:112 Resp: 443830
Ion Ratio Lower Upper
112 100
64 69.5 54.8 82.2
63 41.0 33.0 49.4





#7

Phenol-d6

Concen: 132.814 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139354.D

Acq: 13 Sep 2024 21:09

Instrument :

BNA_F

ClientSampleId :

PB163259BL

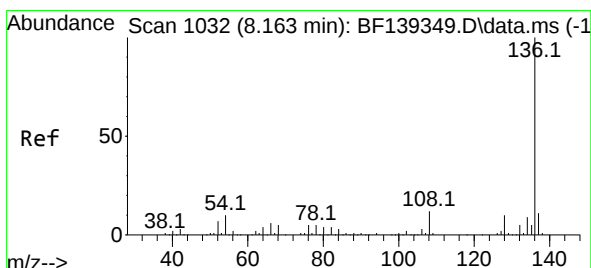
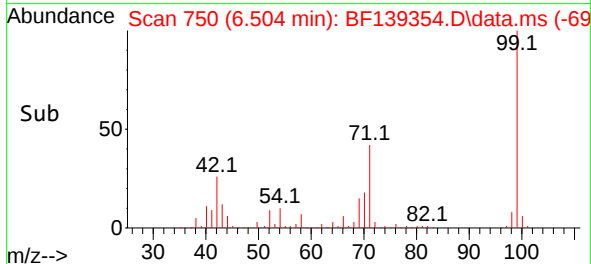
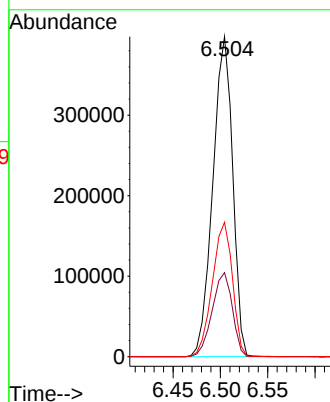
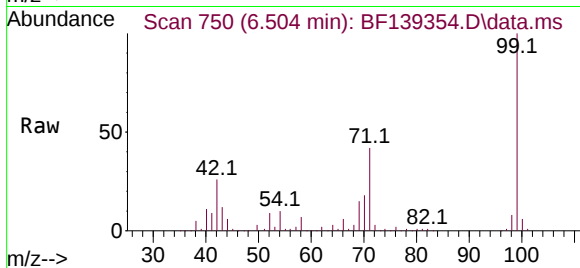
Tgt Ion: 99 Resp: 578077

Ion Ratio Lower Upper

99 100

42 26.2 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: BF139354.D

Acq: 13 Sep 2024 21:09

Tgt Ion:136 Resp: 201446

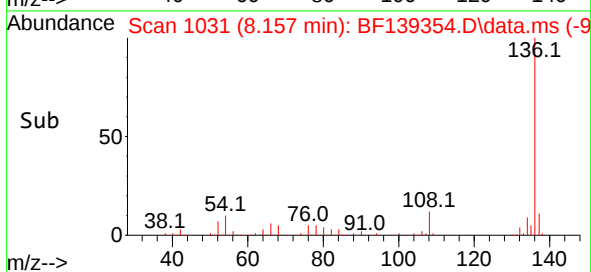
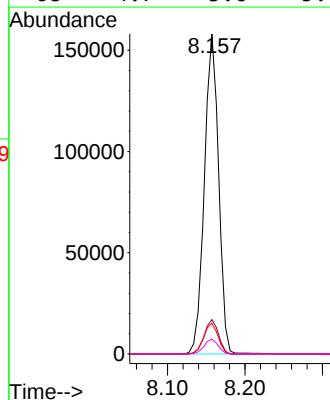
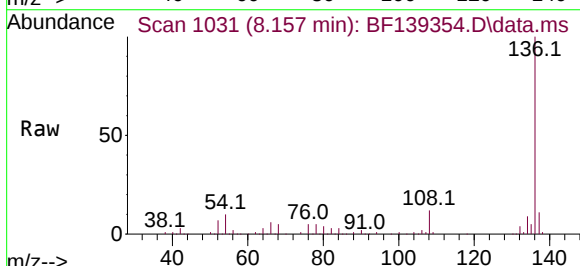
Ion Ratio Lower Upper

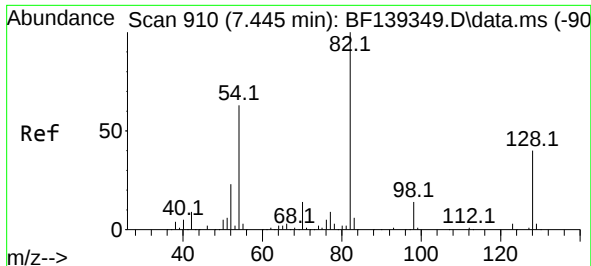
136 100

137 10.8 8.6 12.8

54 9.6 7.8 11.8

68 4.7 3.6 5.4





#23

Nitrobenzene-d5

Concen: 90.770 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139354.D

Acq: 13 Sep 2024 21:09

Instrument :

BNA_F

ClientSampleId :

PB163259BL

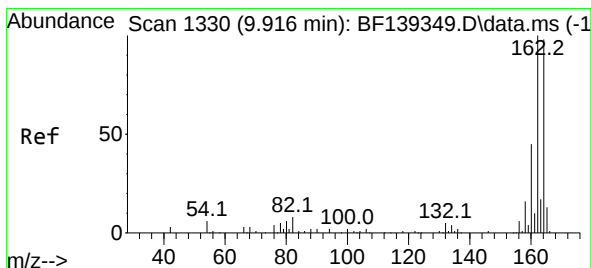
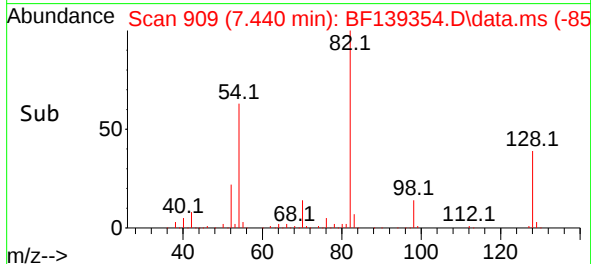
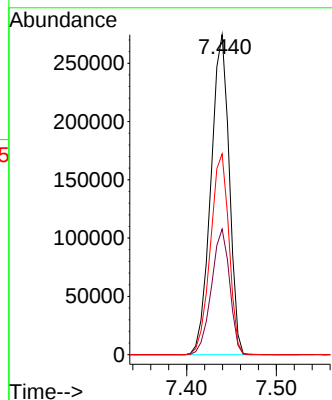
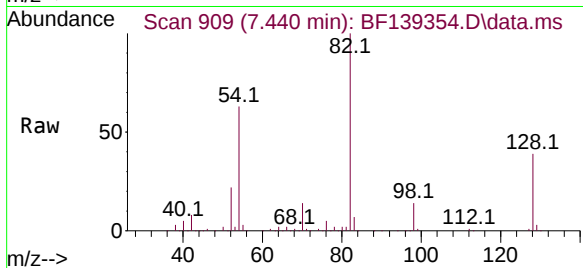
Tgt Ion: 82 Resp: 388953

Ion Ratio Lower Upper

82 100

128 39.2 31.8 47.6

54 62.7 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: BF139354.D

Acq: 13 Sep 2024 21:09

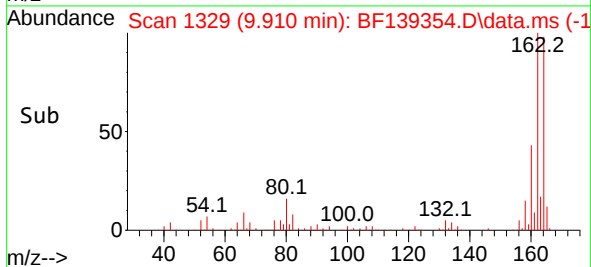
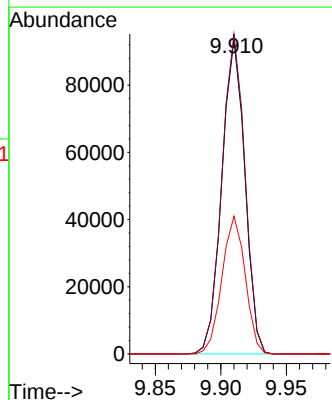
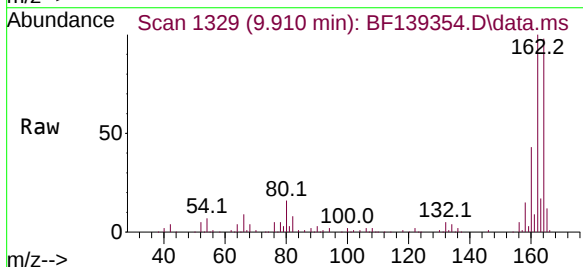
Tgt Ion:164 Resp: 114079

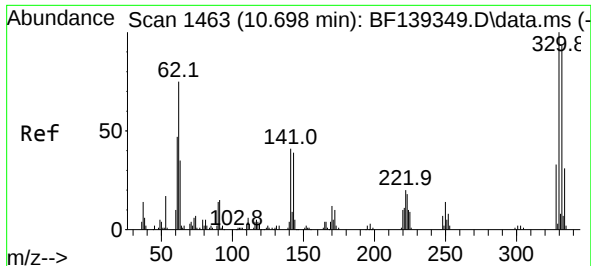
Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

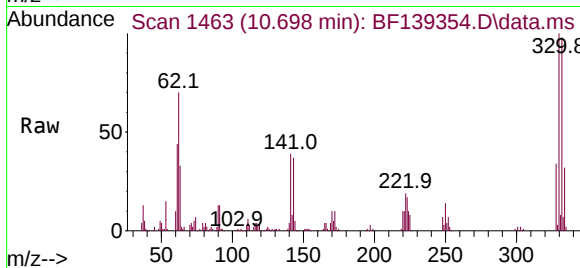
160 43.9 36.4 54.6



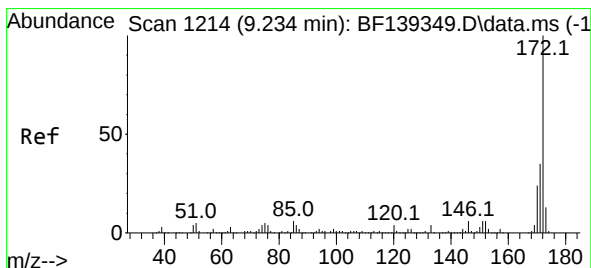
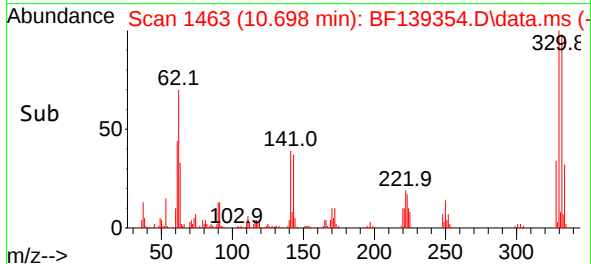
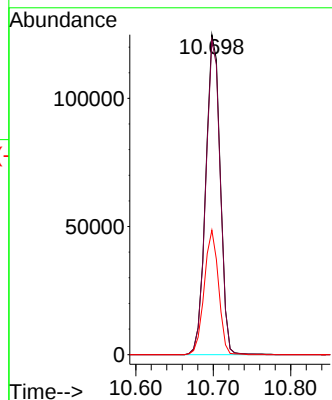


#42
2,4,6-Tribromophenol
Concen: 133.428 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139354.D
Acq: 13 Sep 2024 21:09

Instrument :
BNA_F
ClientSampleId :
PB163259BL

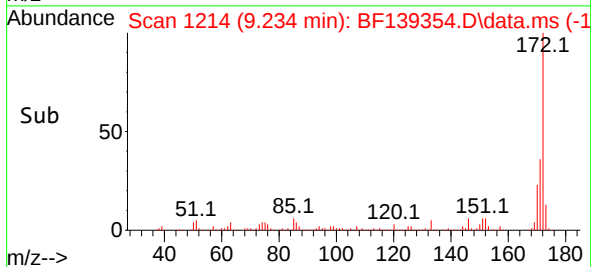
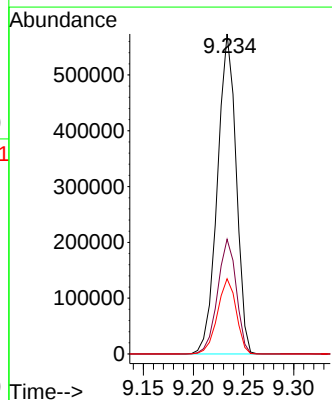
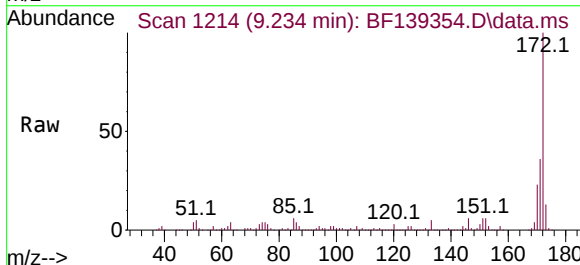


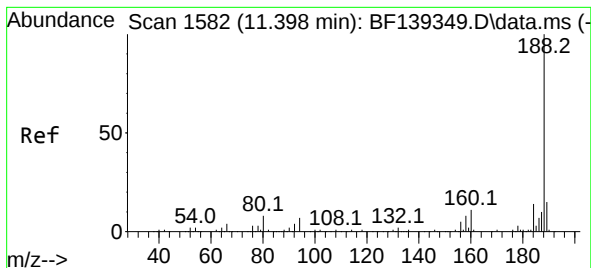
Tgt Ion:330 Resp: 162050
Ion Ratio Lower Upper
330 100
332 98.1 75.2 112.8
141 38.3 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 91.671 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139354.D
Acq: 13 Sep 2024 21:09

Tgt Ion:172 Resp: 745638
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.5 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: BF139354.D

Acq: 13 Sep 2024 21:09

Instrument :

BNA_F

ClientSampleId :

PB163259BL

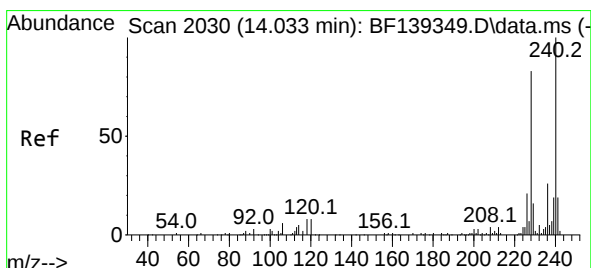
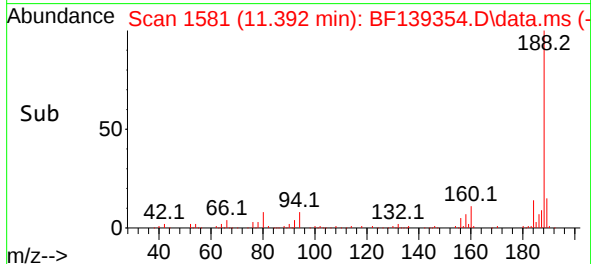
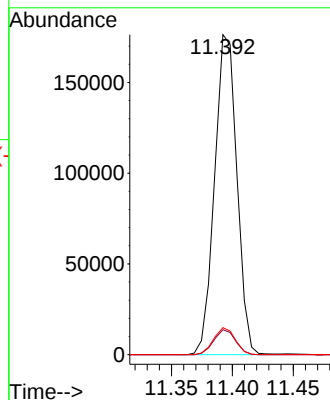
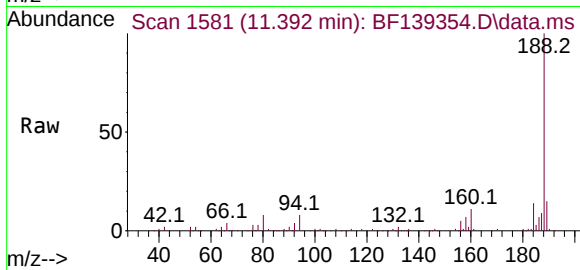
Tgt Ion:188 Resp: 224784

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.5 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: BF139354.D

Acq: 13 Sep 2024 21:09

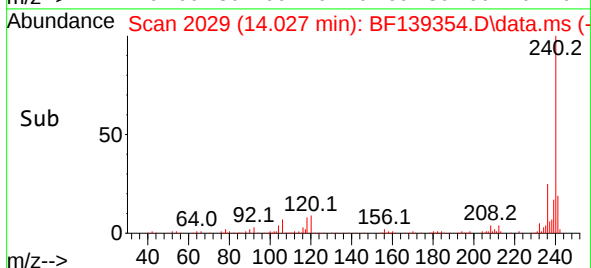
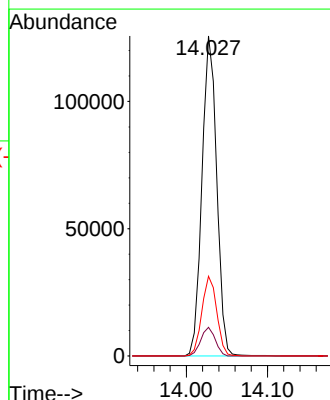
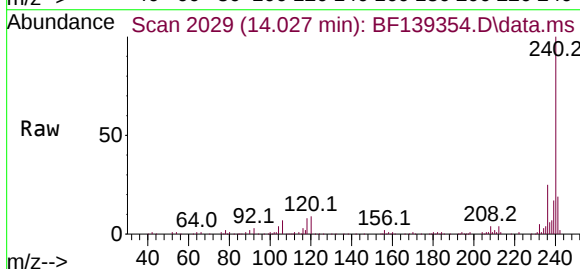
Tgt Ion:240 Resp: 158549

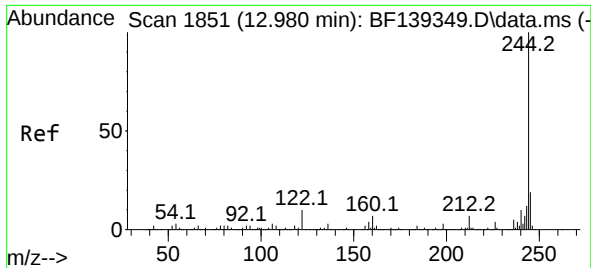
Ion Ratio Lower Upper

240 100

120 8.9 6.2 9.2

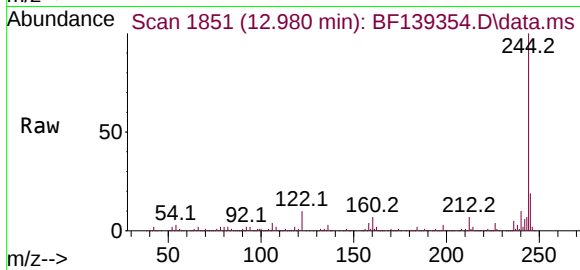
236 24.9 20.9 31.3



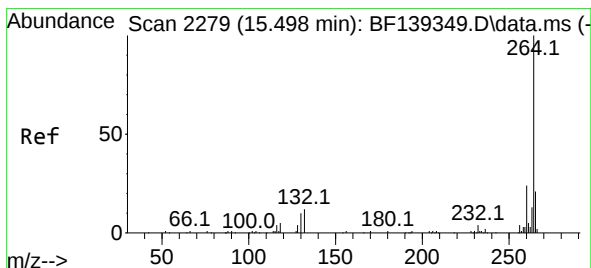
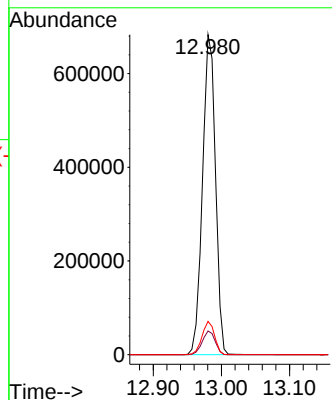
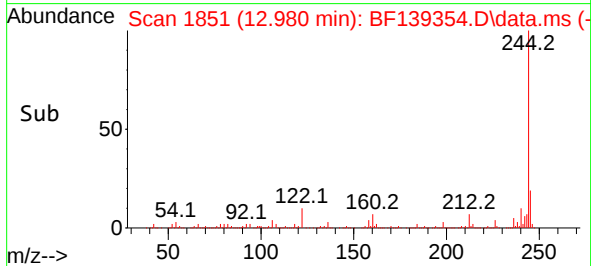


#79
 Terphenyl-d14
 Concen: 93.308 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139354.D
 Acq: 13 Sep 2024 21:09

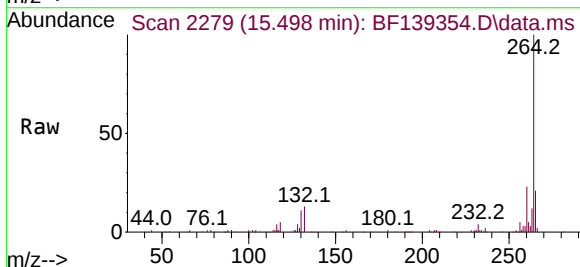
Instrument :
 BNA_F
 ClientSampleId :
 PB163259BL



Tgt Ion:244 Resp: 901298
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.4 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: BF139354.D
 Acq: 13 Sep 2024 21:09



Tgt Ion:264 Resp: 130068
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.3 16.6 25.0

