

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139419.D
Acq On : 18 Sep 2024 11:11
Operator : RC/JU
Sample : PB163323BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163323BL

Quant Time: Sep 18 11:36:26 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	79123	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308020	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	177714	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	338745	20.000	ng	0.00
76) Chrysene-d12	14.033	240	220600	20.000	ng	0.00
86) Perylene-d12	15.498	264	164755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	525882	108.426	ng	0.02
7) Phenol-d6	6.504	99	686186	107.786	ng	0.00
23) Nitrobenzene-d5	7.440	82	475284	72.540	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	196949	104.097	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	897145	70.803	ng	0.00
79) Terphenyl-d14	12.980	244	1057520	78.686	ng	0.00

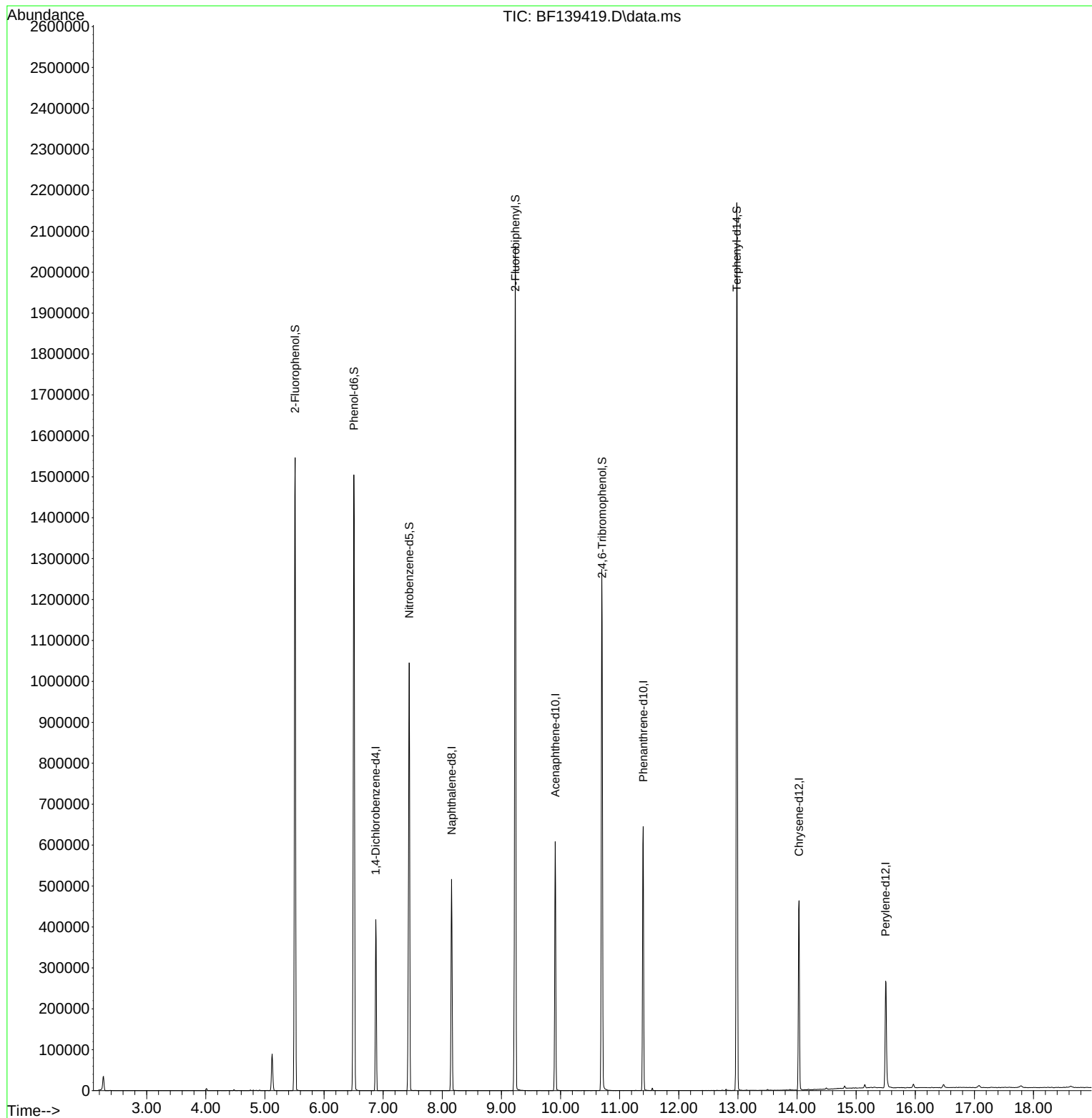
Target Compounds	Qvalue

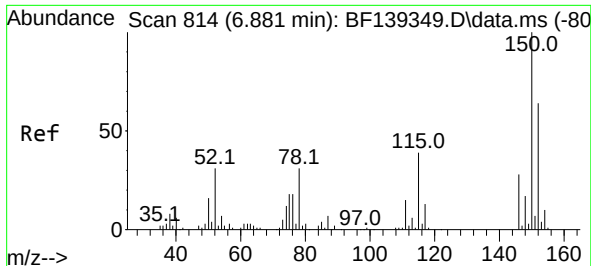
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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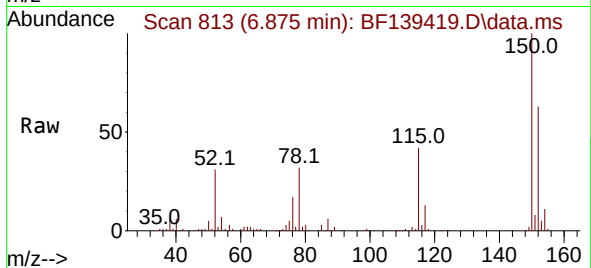
Quant Time: Sep 18 11:36:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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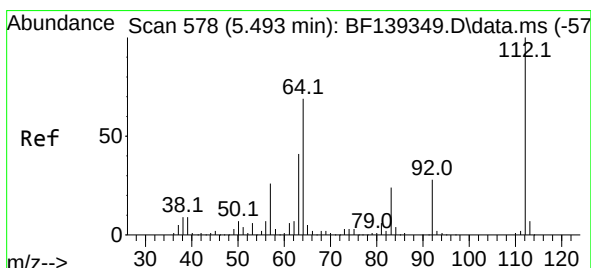
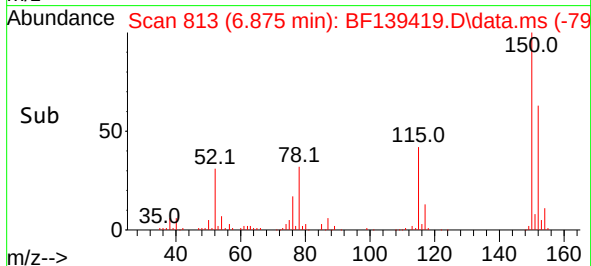
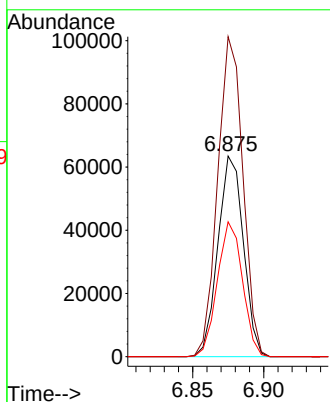


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Instrument :
BNA_F
ClientSampleId :
PB163323BL

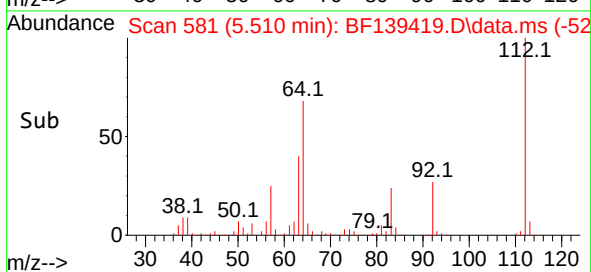
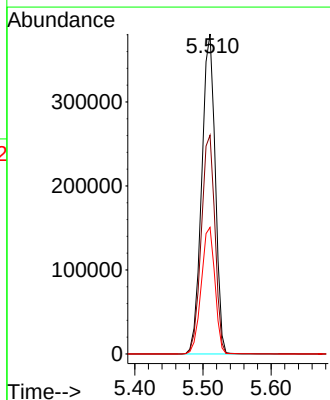
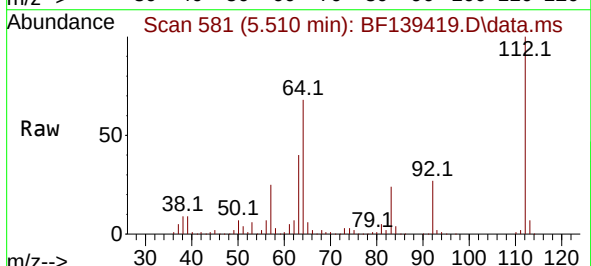


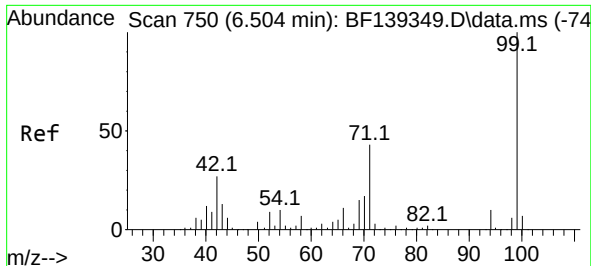
Tgt Ion:152 Resp: 79123
Ion Ratio Lower Upper
152 100
150 159.5 124.1 186.1
115 67.2 48.1 72.1



#5
2-Fluorophenol
Concen: 108.426 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

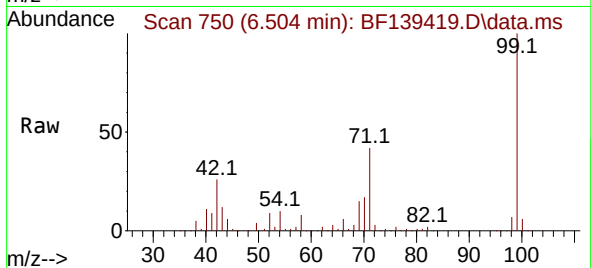
Tgt Ion:112 Resp: 525882
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 39.6 33.0 49.4



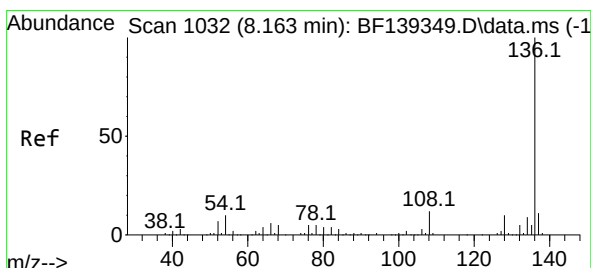
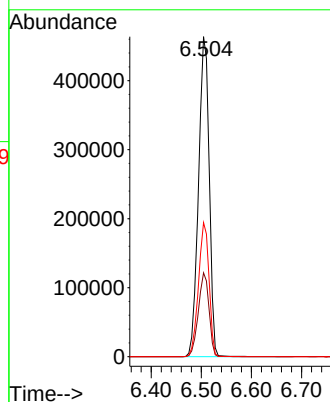
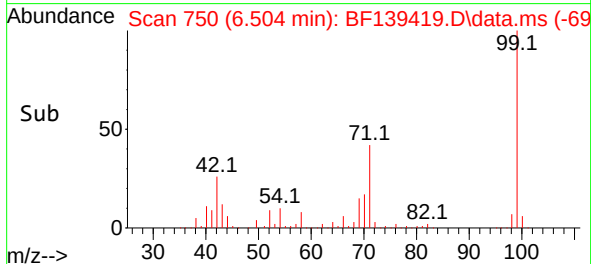


#7
Phenol-d6
Concen: 107.786 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Instrument :
BNA_F
ClientSampleId :
PB163323BL

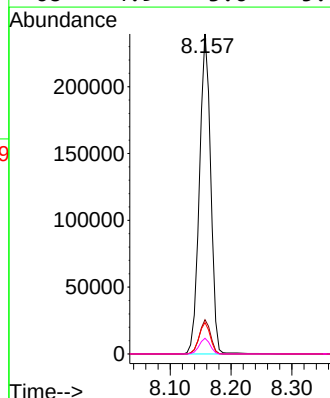
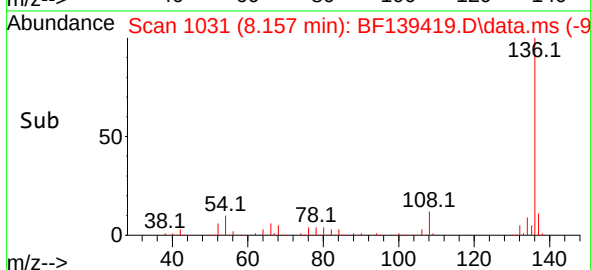
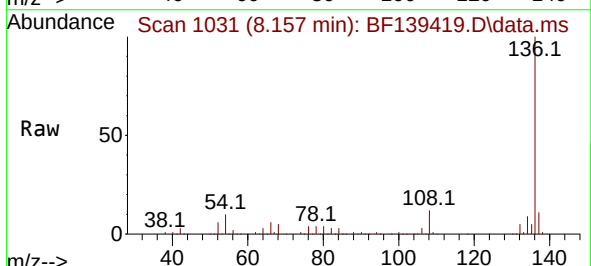


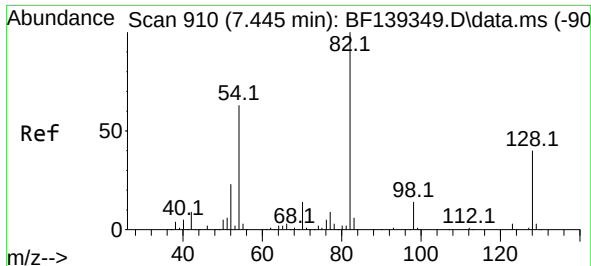
Tgt Ion: 99 Resp: 686186
Ion Ratio Lower Upper
99 100
42 26.2 21.9 32.9
71 41.9 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Tgt Ion: 136 Resp: 308020
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.8 7.8 11.8
68 4.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 72.540 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139419.D

Acq: 18 Sep 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163323BL

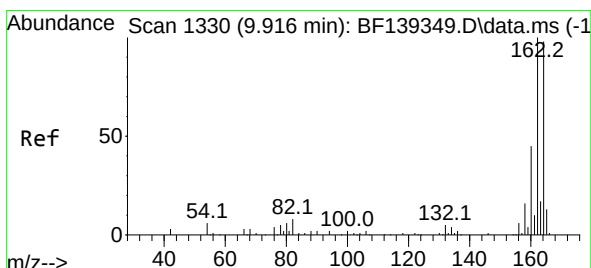
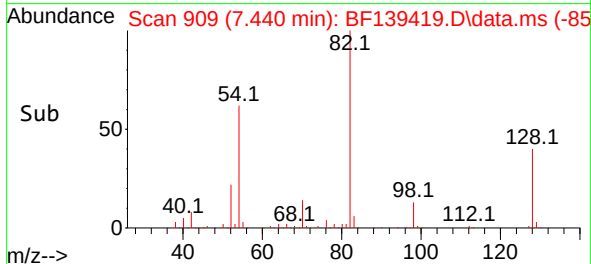
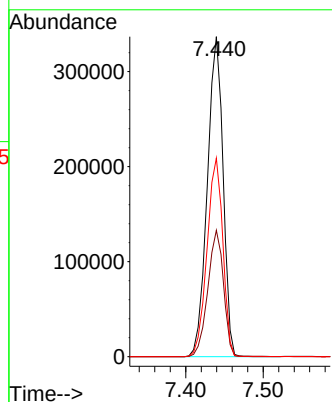
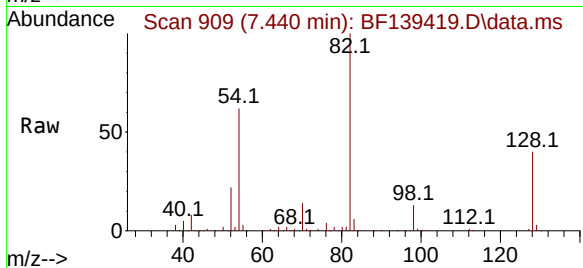
Tgt Ion: 82 Resp: 475284

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 62.0 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: BF139419.D

Acq: 18 Sep 2024 11:11

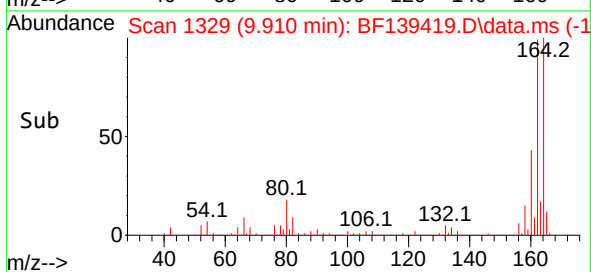
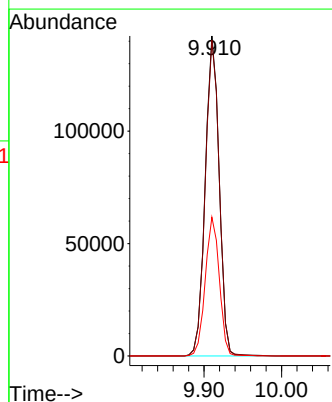
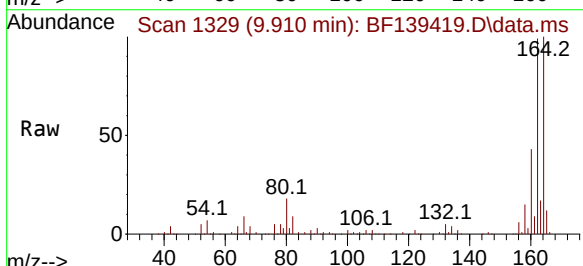
Tgt Ion:164 Resp: 177714

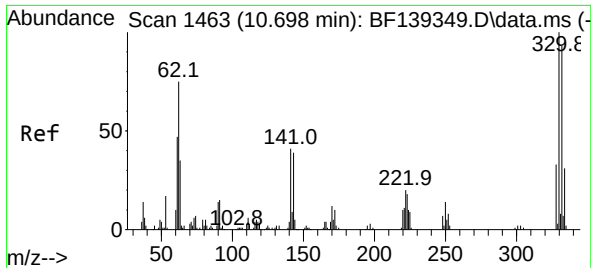
Ion Ratio Lower Upper

164 100

162 98.7 81.3 121.9

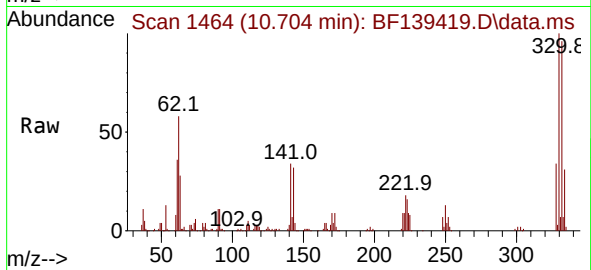
160 43.4 36.4 54.6



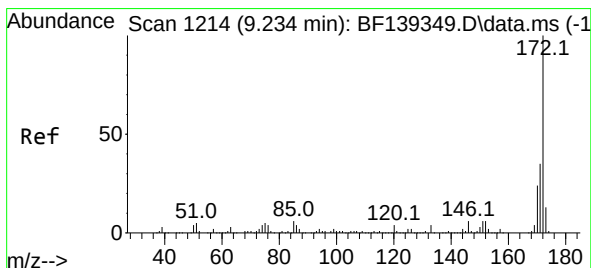
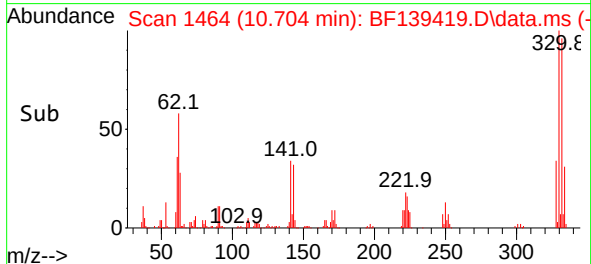
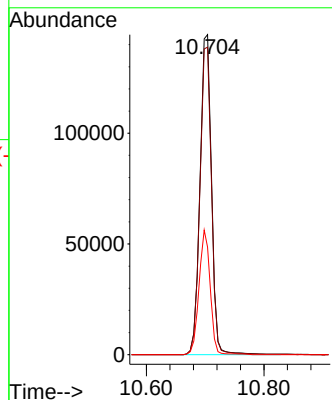


#42
2,4,6-Tribromophenol
Concen: 104.097 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Instrument :
BNA_F
ClientSampleId :
PB163323BL

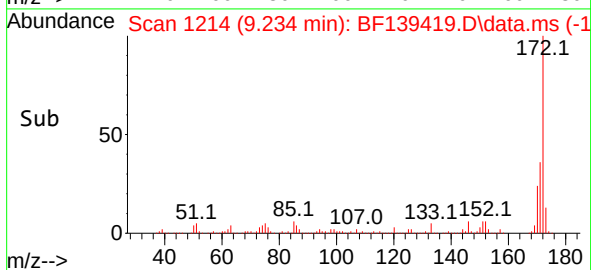
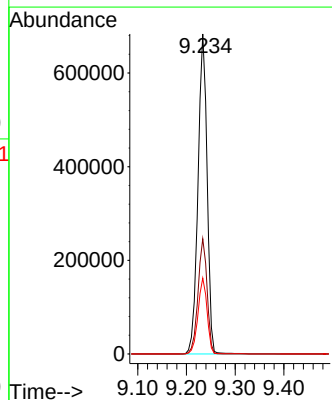
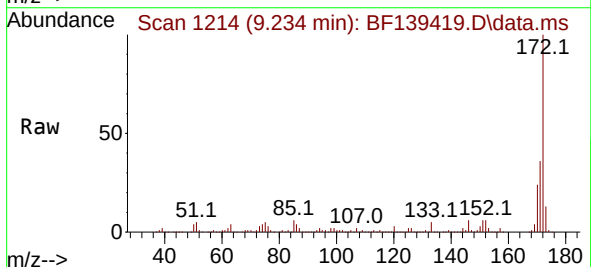


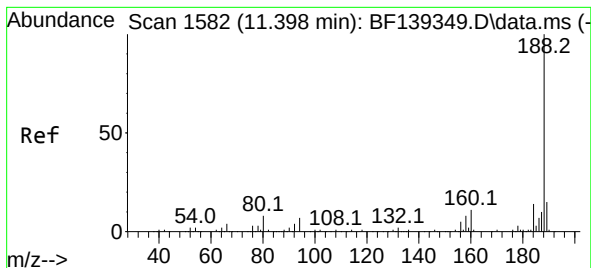
Tgt Ion:330 Resp: 196949
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 37.7 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 70.803 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Tgt Ion:172 Resp: 897145
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139419.D

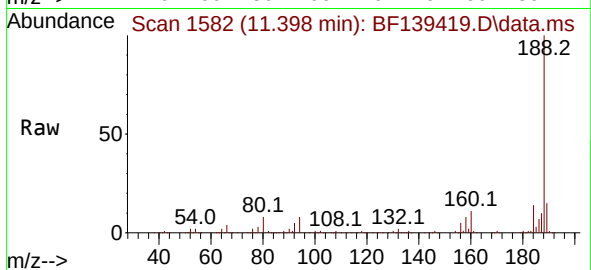
Acq: 18 Sep 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163323BL



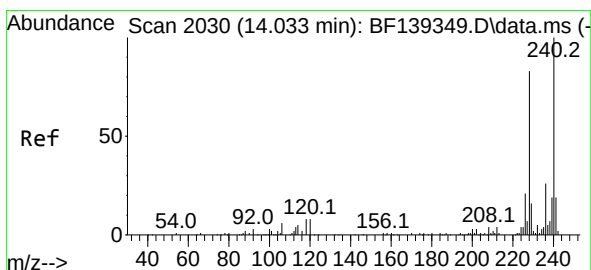
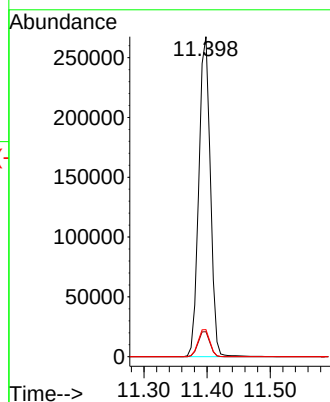
Tgt Ion:188 Resp: 338745

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.4 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: BF139419.D

Acq: 18 Sep 2024 11:11

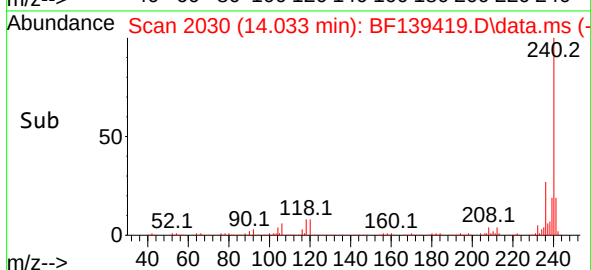
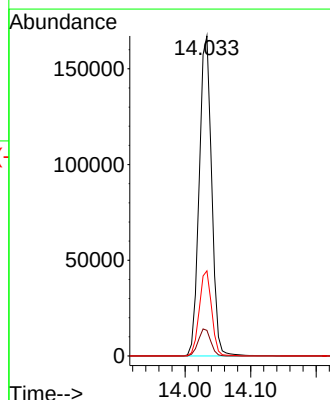
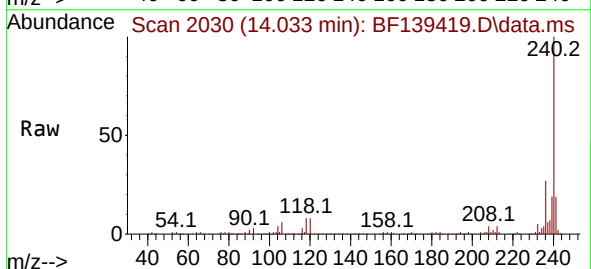
Tgt Ion:240 Resp: 220600

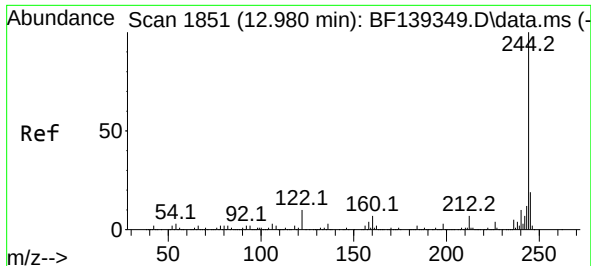
Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.2

236 26.6 20.9 31.3

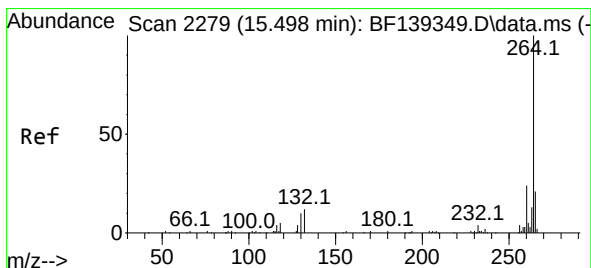
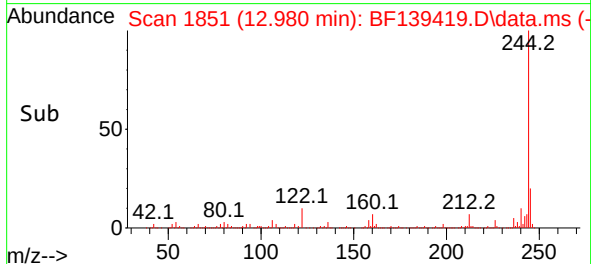
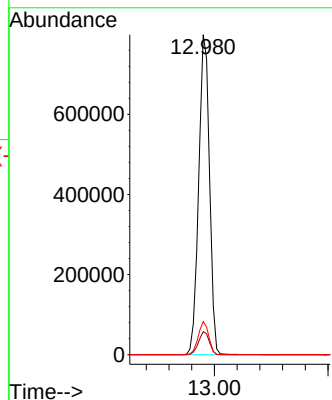
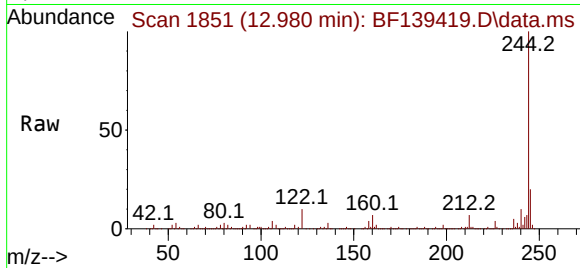




#79
 Terphenyl-d14
 Concen: 78.686 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139419.D
 Acq: 18 Sep 2024 11:11

Instrument :
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 PB163323BL

Tgt Ion:244 Resp: 1057520
 Ion Ratio Lower Upper
 244 100
 212 7.2 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: BF139419.D
 Acq: 18 Sep 2024 11:11

Tgt Ion:264 Resp: 164755
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 16.6 25.0

