

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139316.D
 Acq On : 11 Sep 2024 10:50
 Operator : RC/JU
 Sample : PB163259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163259BL

Quant Time: Sep 11 11:21:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	158149	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	614090	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	347302	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	670210	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	379688	20.000	ng	-0.01
86) Perylene-d12	15.515	264	295182	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1108138	117.217	ng	0.01
7) Phenol-d6	6.516	99	1465337	116.107	ng	0.00
23) Nitrobenzene-d5	7.445	82	972011	82.344	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	390015	130.048	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1773468	78.825	ng	-0.01
79) Terphenyl-d14	12.998	244	1908741	81.167	ng	0.00

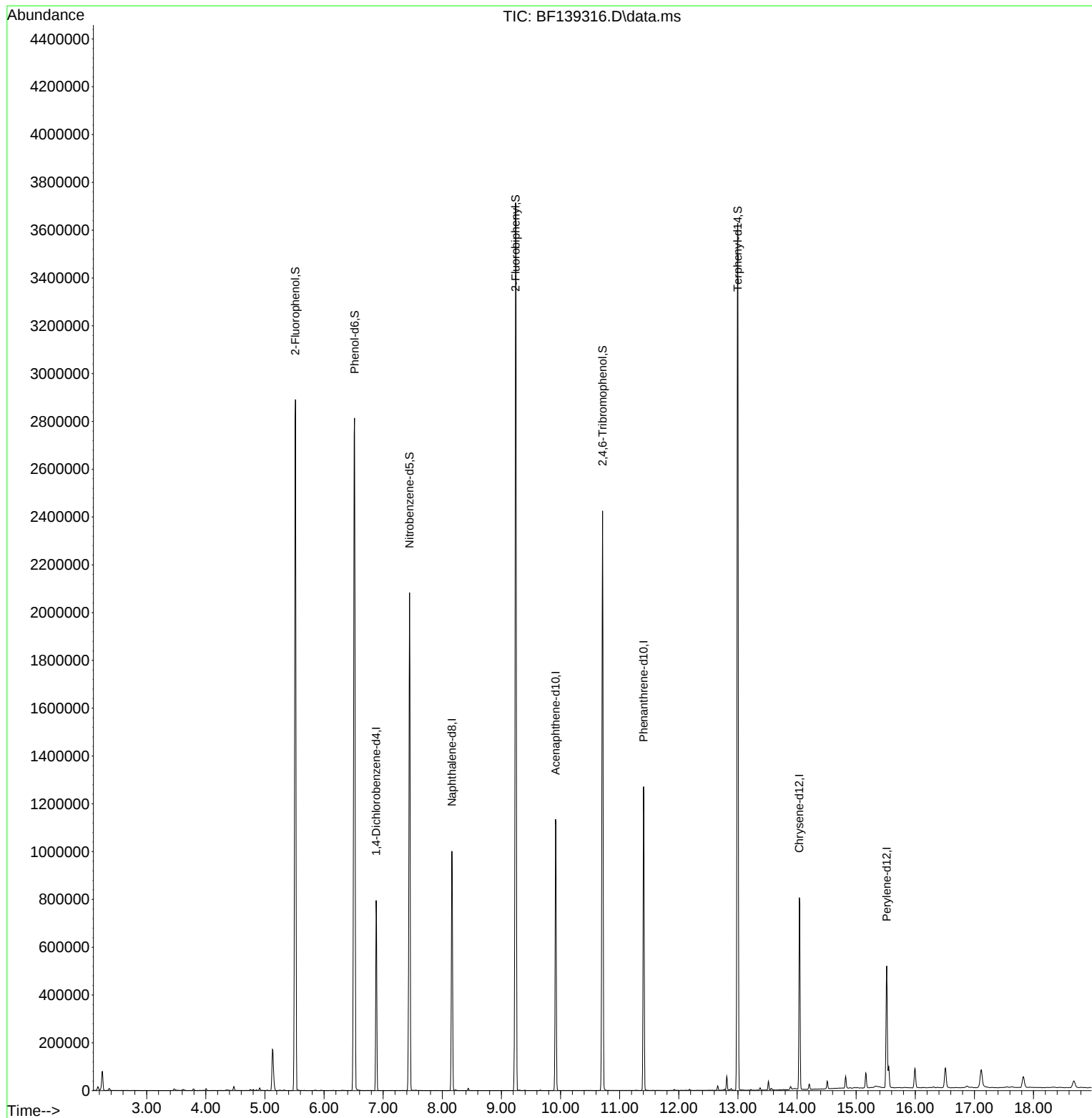
Target Compounds	Qvalue

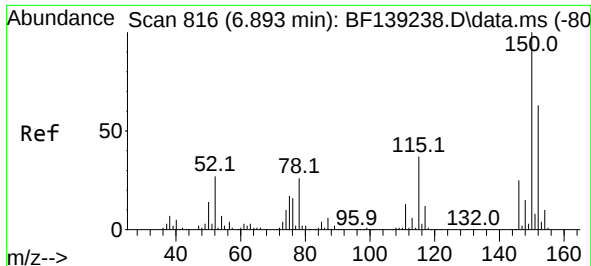
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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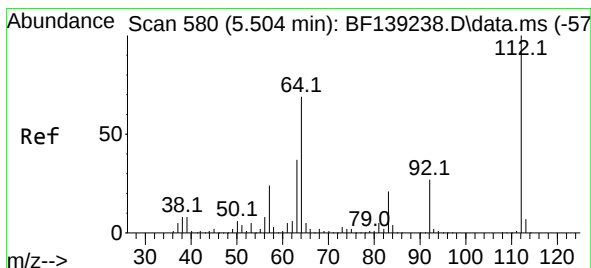
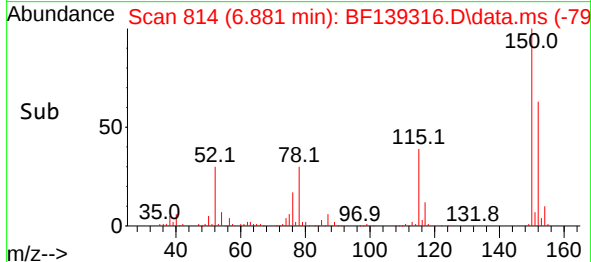
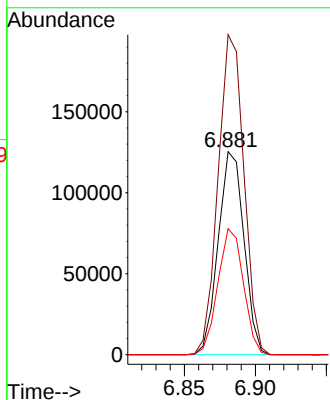
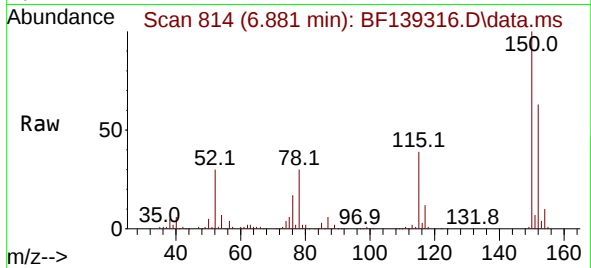




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

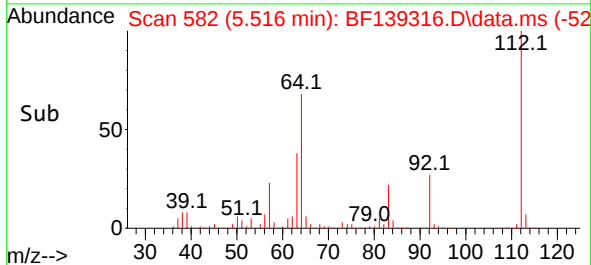
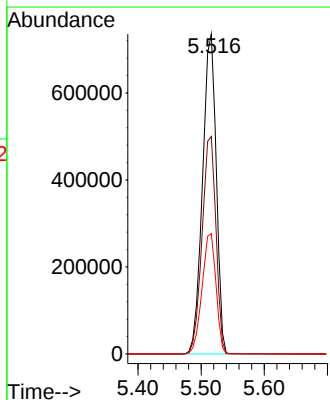
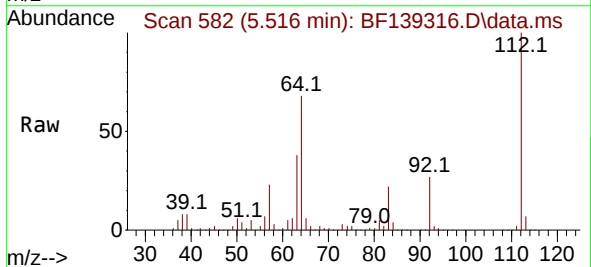
Instrument :
BNA_F
ClientSampleId :
PB163259BL

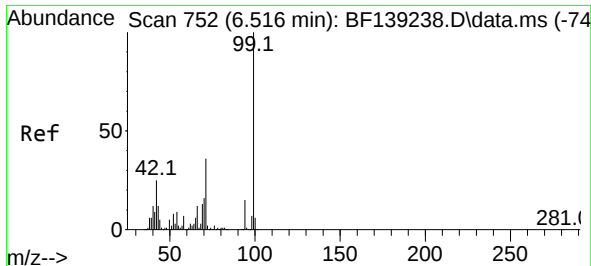
Tgt Ion:152 Resp: 158149
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.4
115 62.1 46.9 70.3



#5
2-Fluorophenol
Concen: 117.217 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Tgt Ion:112 Resp: 1108138
Ion Ratio Lower Upper
112 100
64 68.0 55.0 82.4
63 37.6 29.9 44.9

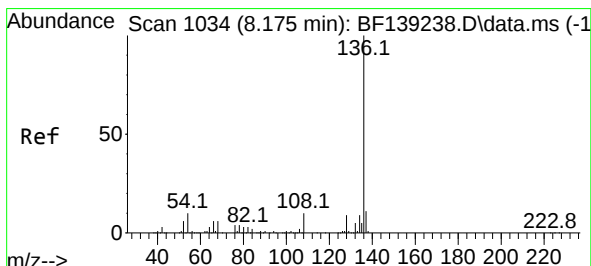
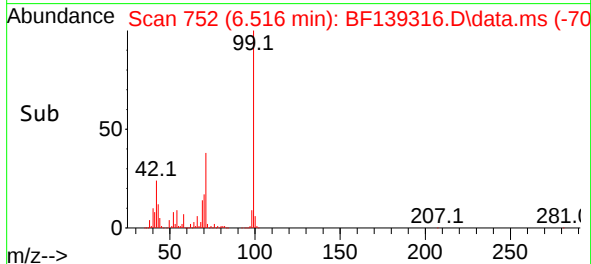
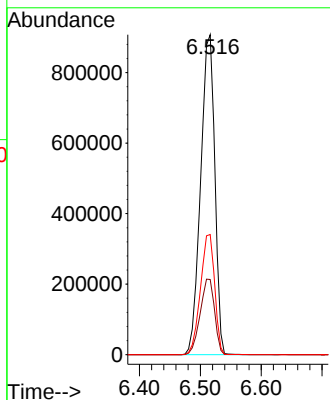
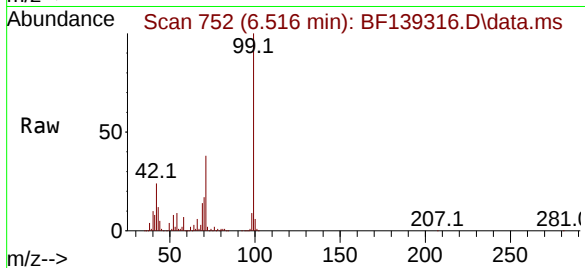




#7
Phenol-d6
Concen: 116.107 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

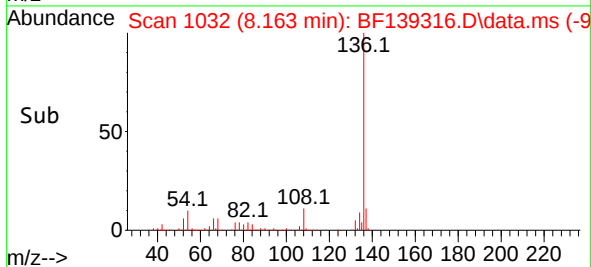
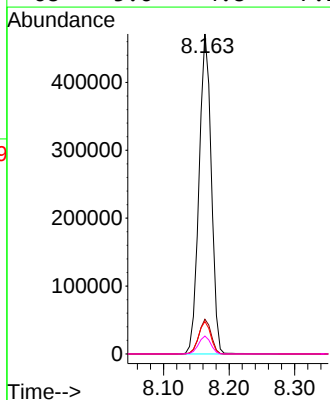
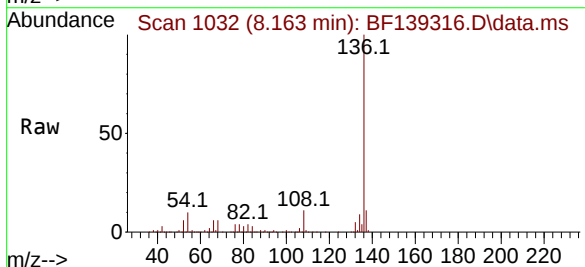
Instrument :
BNA_F
ClientSampleId :
PB163259BL

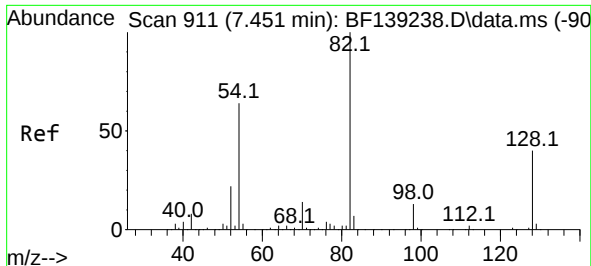
Tgt Ion: 99 Resp: 1465337
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 37.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Tgt Ion:136 Resp: 614090
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.4 12.6
68 5.6 4.8 7.2

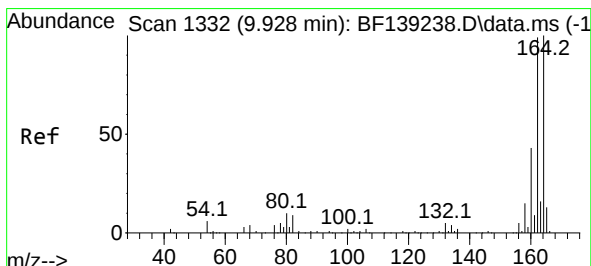
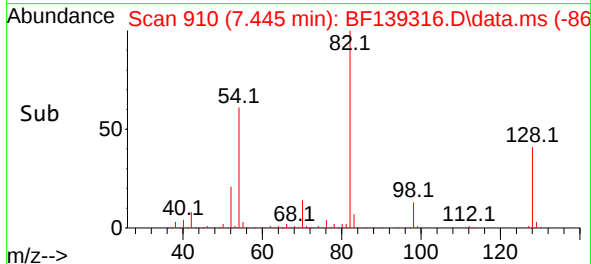
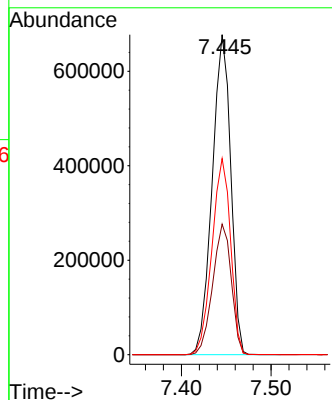
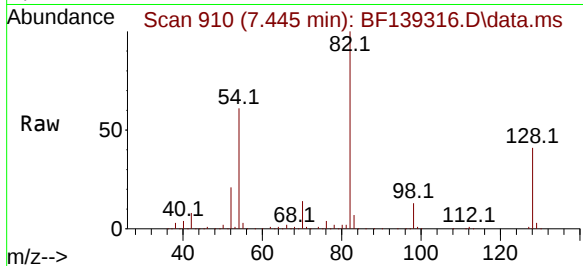




#23
 Nitrobenzene-d5
 Concen: 82.344 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF139316.D
 Acq: 11 Sep 2024 10:50

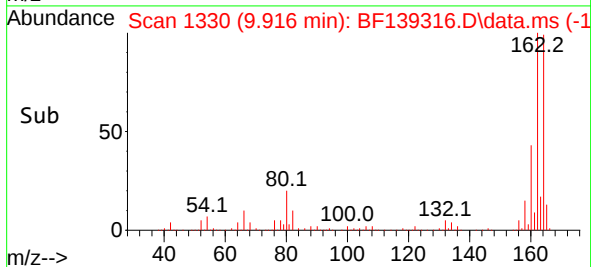
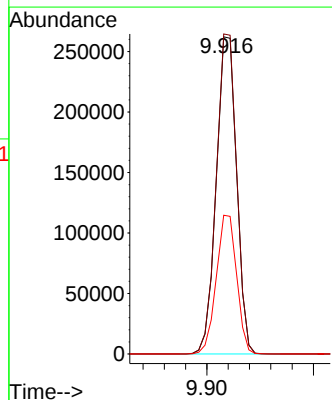
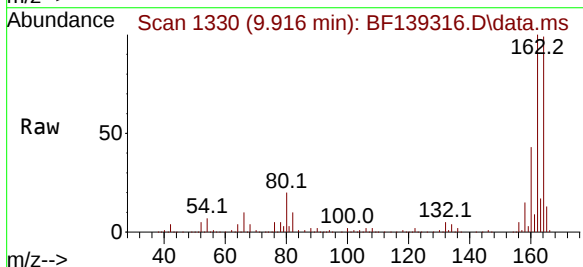
Instrument :
 BNA_F
 ClientSampleId :
 PB163259BL

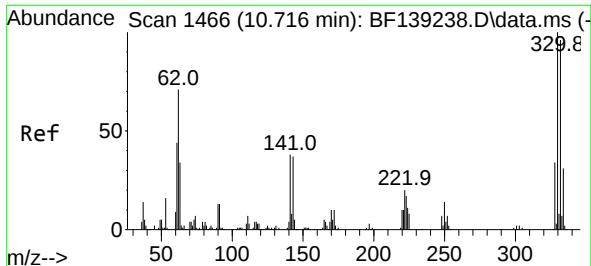
Tgt Ion: 82 Resp: 972011
 Ion Ratio Lower Upper
 82 100
 128 40.8 32.3 48.5
 54 61.3 51.2 76.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: BF139316.D
 Acq: 11 Sep 2024 10:50

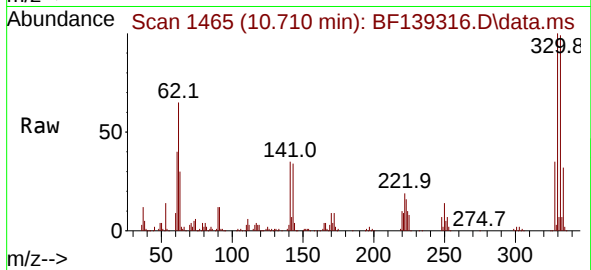
Tgt Ion:164 Resp: 347302
 Ion Ratio Lower Upper
 164 100
 162 100.9 79.2 118.8
 160 43.7 34.2 51.2



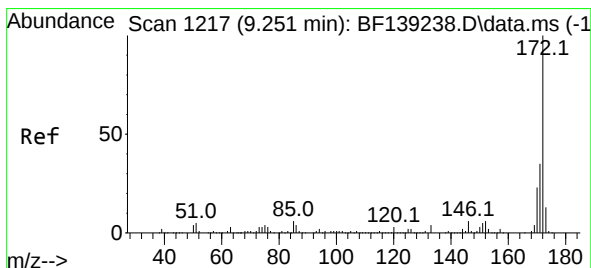
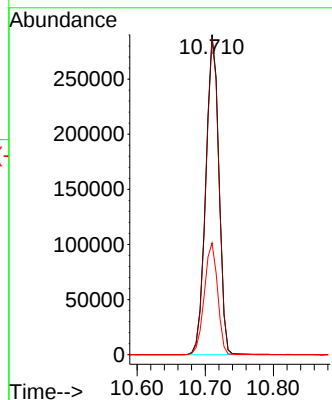
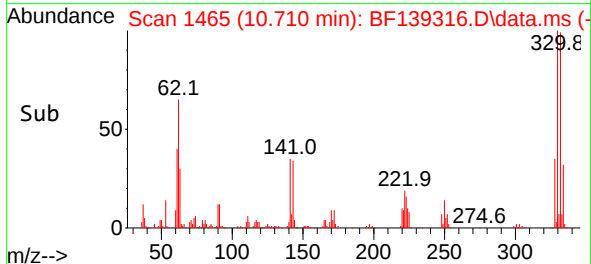


#42
2,4,6-Tribromophenol
Concen: 130.048 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Instrument :
BNA_F
ClientSampleId :
PB163259BL

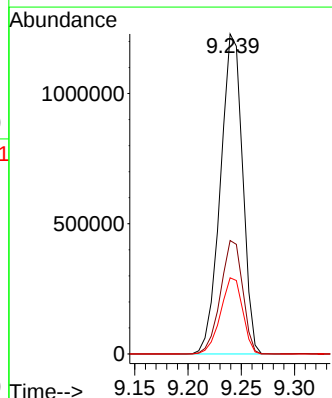
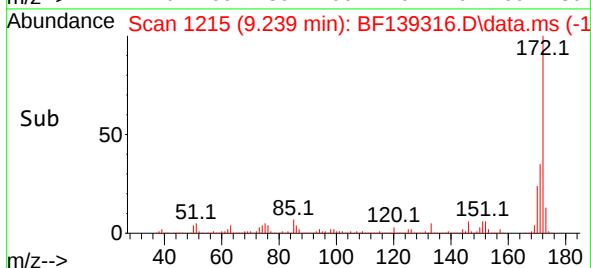
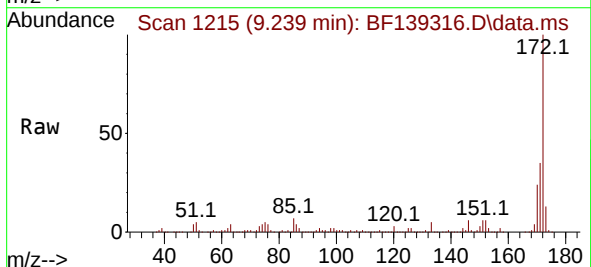


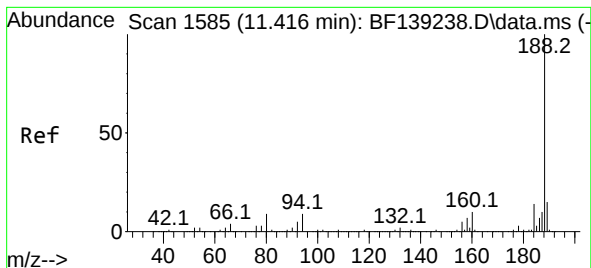
Tgt Ion:330 Resp: 390015
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 35.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 78.825 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Tgt Ion:172 Resp: 1773468
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139316.D

Acq: 11 Sep 2024 10:50

Instrument :

BNA_F

ClientSampleId :

PB163259BL

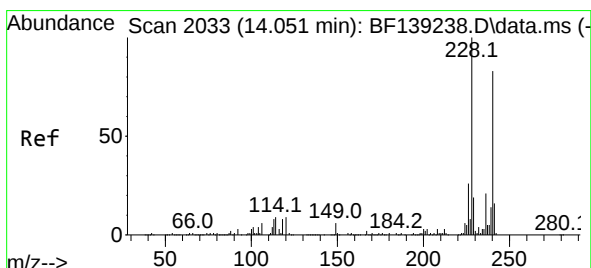
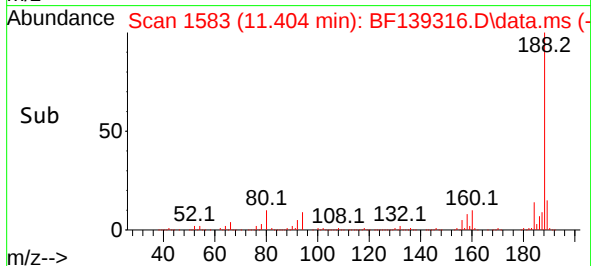
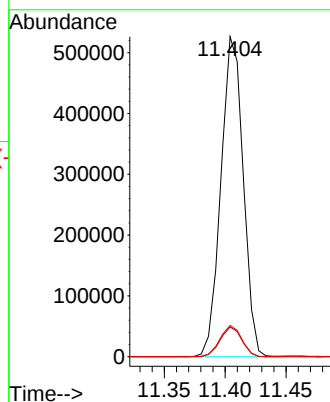
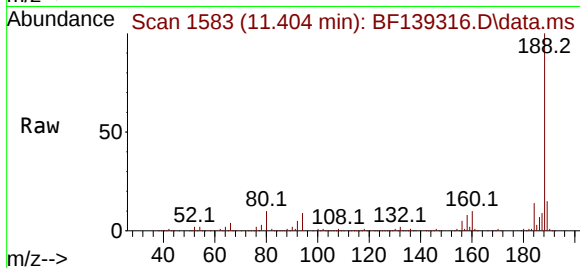
Tgt Ion:188 Resp: 670210

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF139316.D

Acq: 11 Sep 2024 10:50

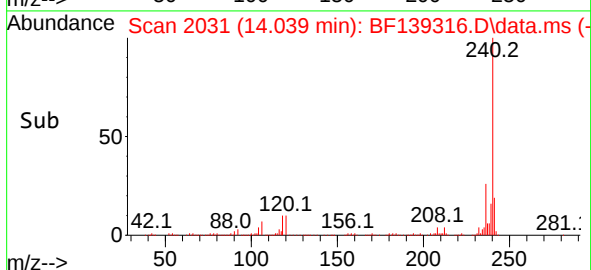
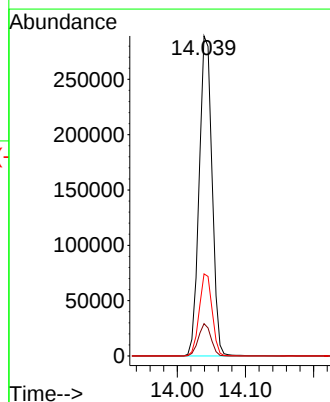
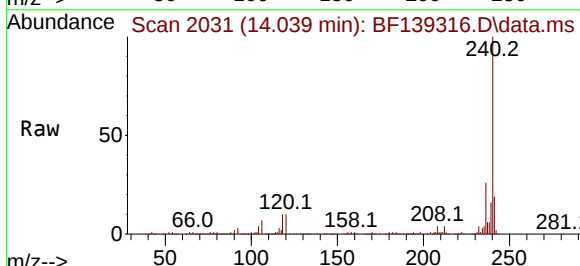
Tgt Ion:240 Resp: 379688

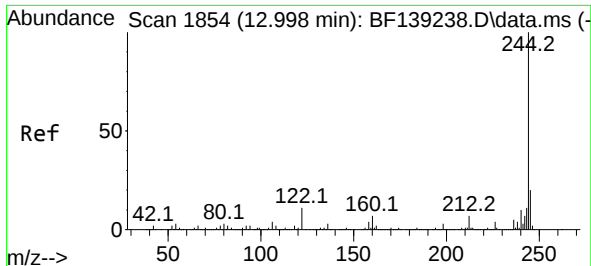
Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

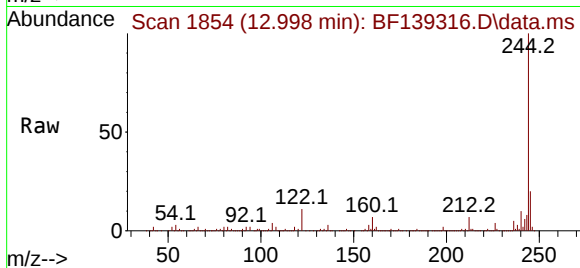
236 25.7 20.7 31.1



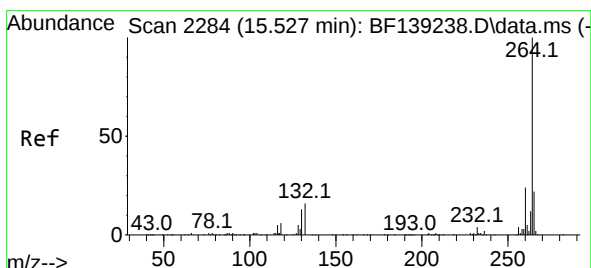
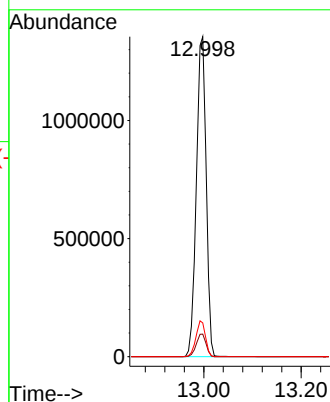
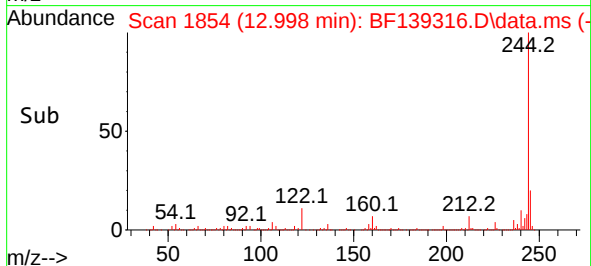


#79
 Terphenyl-d14
 Concen: 81.167 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139316.D
 Acq: 11 Sep 2024 10:50

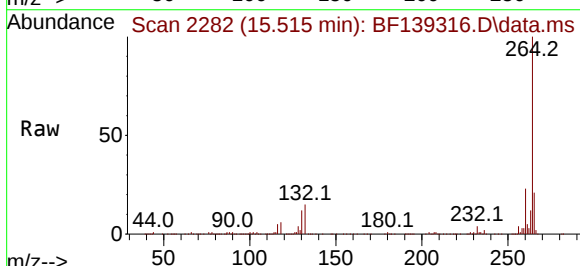
Instrument :
 BNA_F
 ClientSampleId :
 PB163259BL



Tgt Ion:244 Resp: 1908741
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.6 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF139316.D
 Acq: 11 Sep 2024 10:50



Tgt Ion:264 Resp: 295182
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.4 17.3 25.9

