

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139180.D
Acq On : 27 Aug 2024 11:46
Operator : RC/JU
Sample : P3717-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Aug 27 12:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79113	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	288954	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	160976	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	265358	20.000	ng	0.00
76) Chrysene-d12	14.045	240	158556	20.000	ng	0.00
86) Perylene-d12	15.515	264	185583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	439021	93.248	ng	0.00
7) Phenol-d6	6.510	99	586829	90.820	ng	-0.01
23) Nitrobenzene-d5	7.451	82	385762	73.961	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	134963	97.893	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	679969	65.614	ng	0.00
79) Terphenyl-d14	12.992	244	618009	60.817	ng	0.00

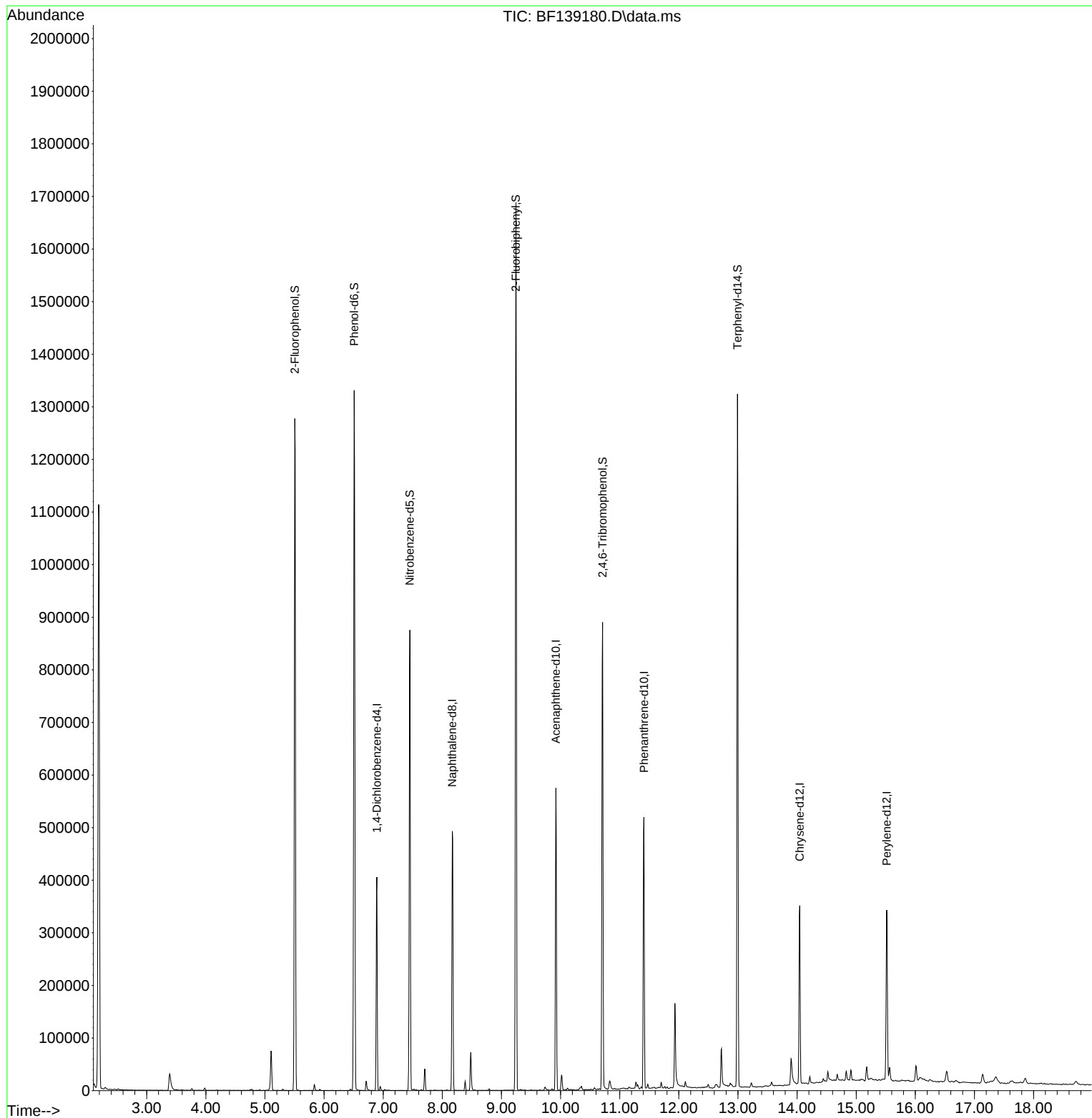
Target Compounds	Qvalue

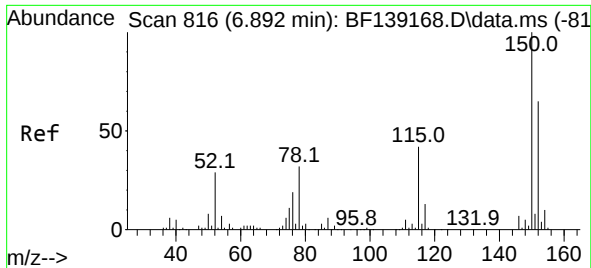
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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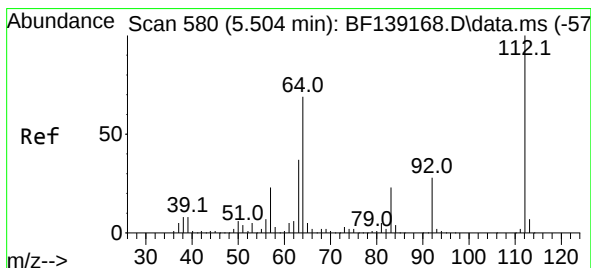
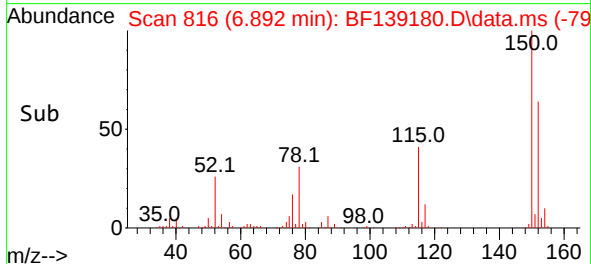
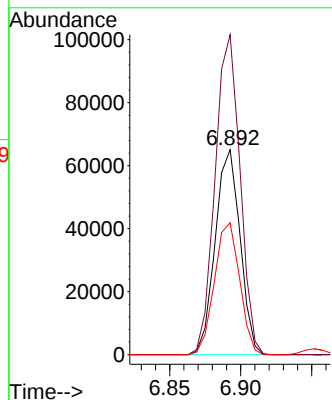
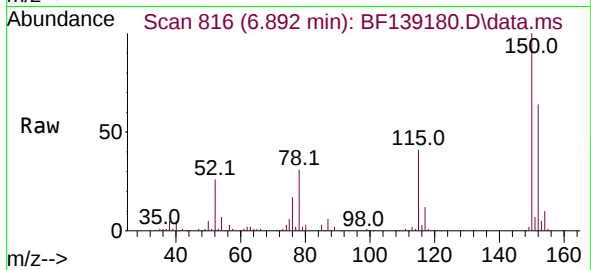




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

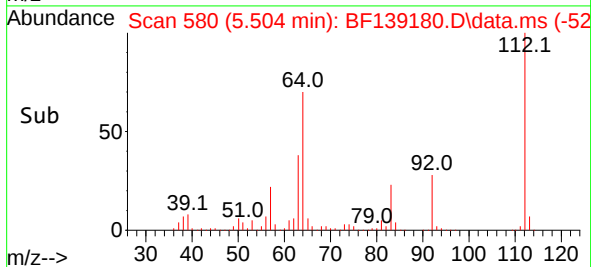
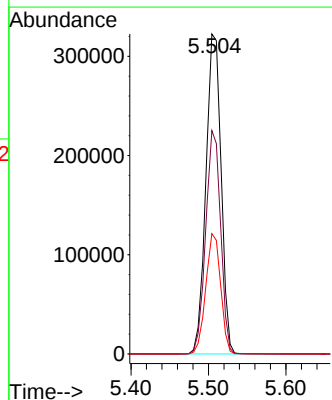
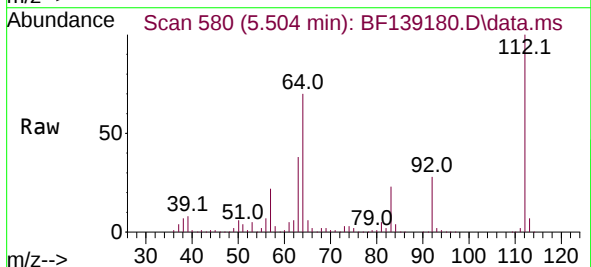
Instrument :
BNA_F
ClientSampleId :
TP-1

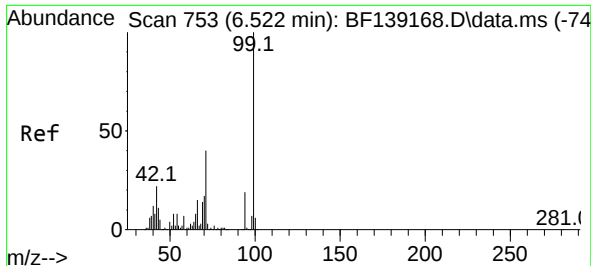
Tgt Ion:152 Resp: 79113
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 64.4 51.8 77.8



#5
2-Fluorophenol
Concen: 93.248 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Tgt Ion:112 Resp: 439021
Ion Ratio Lower Upper
112 100
64 69.8 55.5 83.3
63 37.6 29.8 44.6

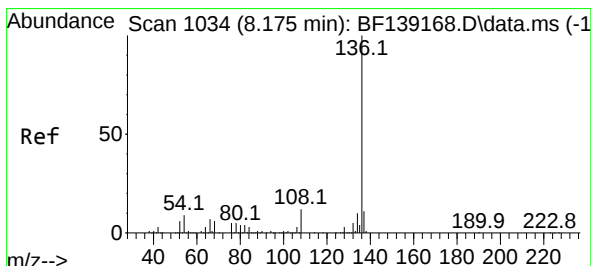
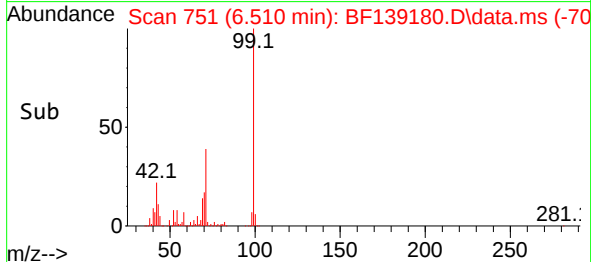
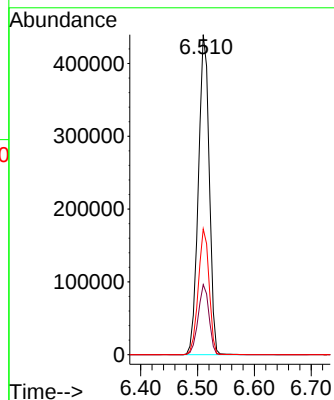
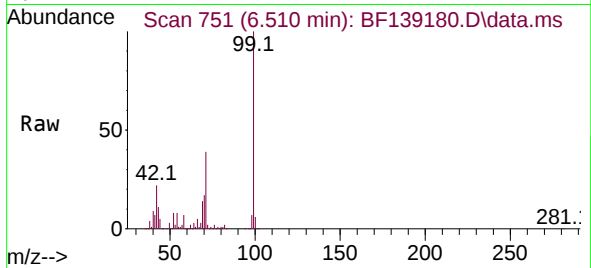




#7
Phenol-d6
Concen: 90.820 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

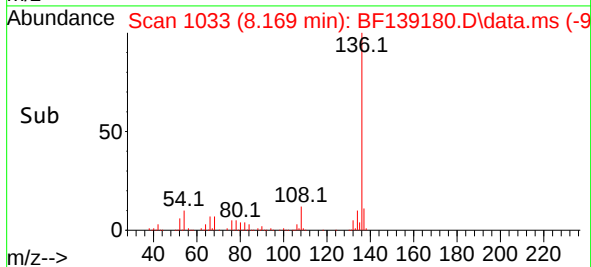
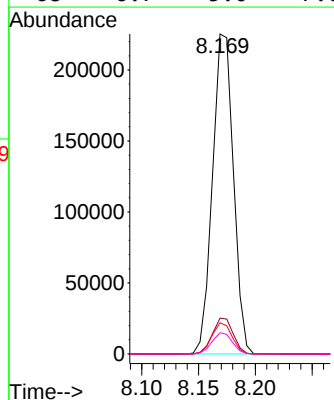
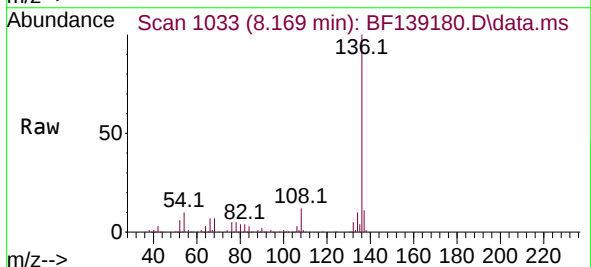
Instrument :
BNA_F
ClientSampleId :
TP-1

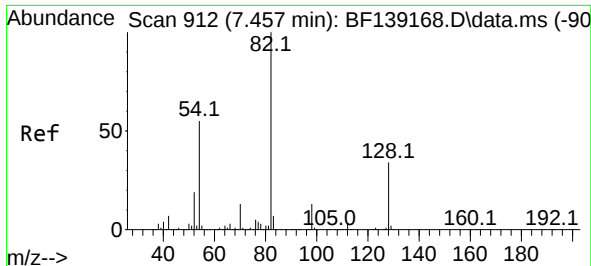
Tgt Ion: 99 Resp: 586829
Ion Ratio Lower Upper
99 100
42 21.9 17.9 26.9
71 39.3 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Tgt Ion: 136 Resp: 288954
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.7 7.6 11.4
68 6.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 73.961 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1

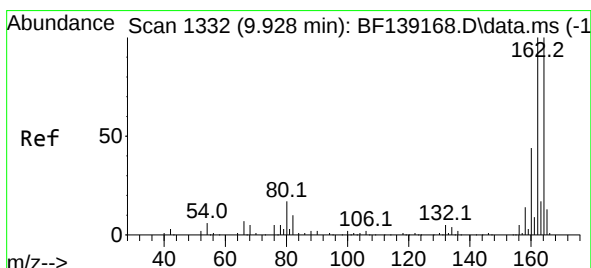
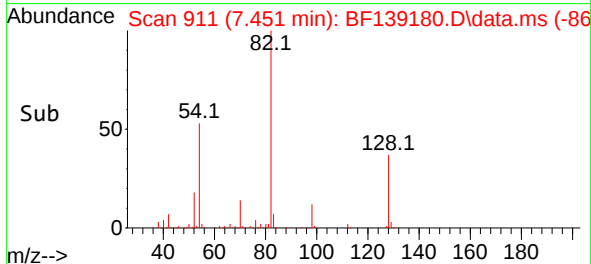
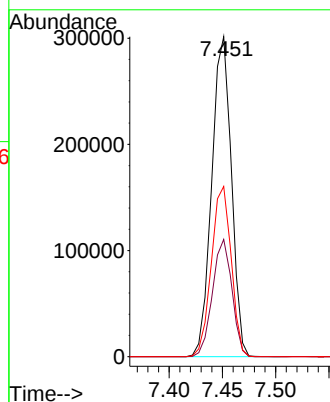
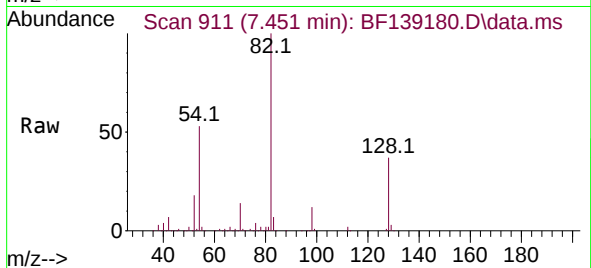
Tgt Ion: 82 Resp: 385762

Ion Ratio Lower Upper

82 100

128 36.7 27.1 40.7

54 53.2 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

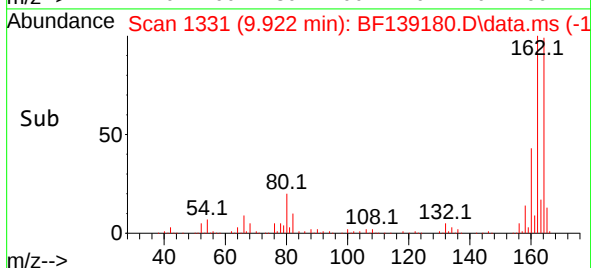
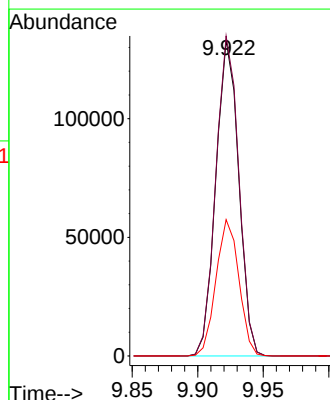
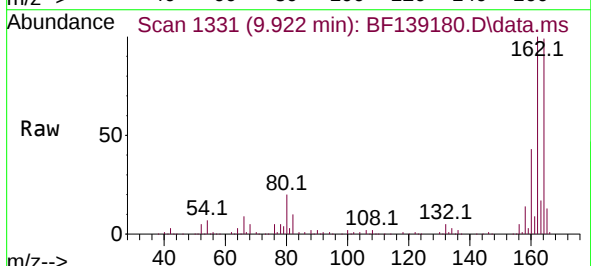
Tgt Ion:164 Resp: 160976

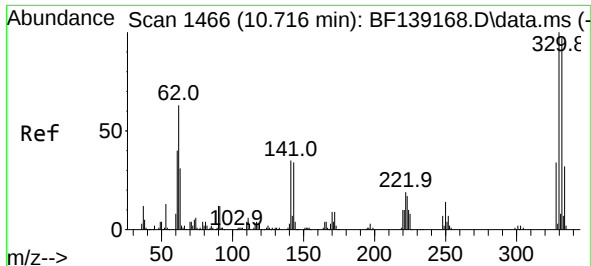
Ion Ratio Lower Upper

164 100

162 101.3 80.0 120.0

160 43.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 97.893 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139180.D

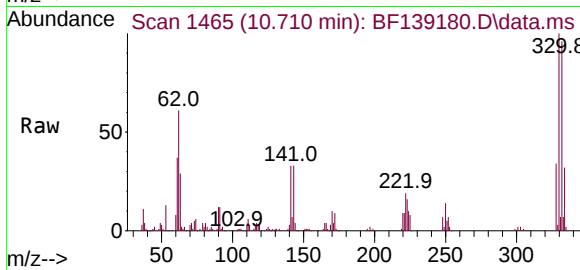
Acq: 27 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1



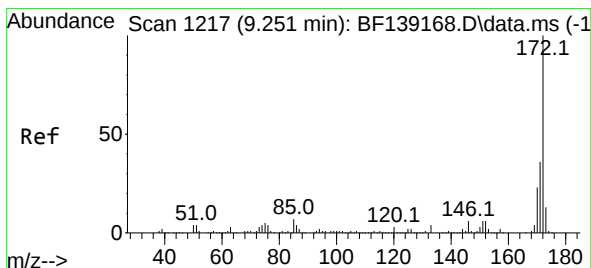
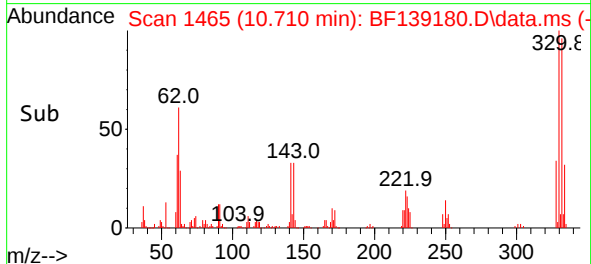
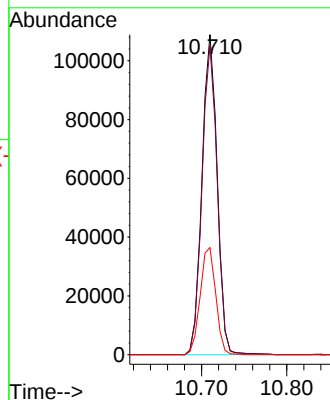
Tgt Ion:330 Resp: 134963

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 34.2 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 65.614 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

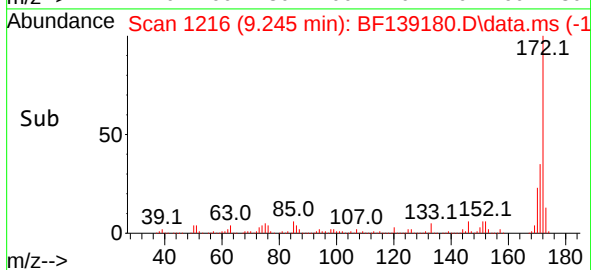
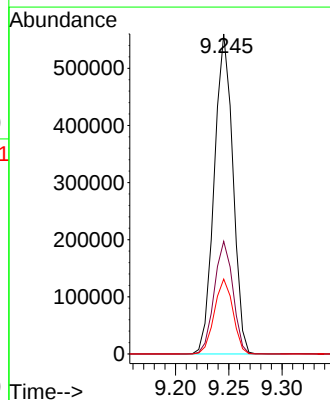
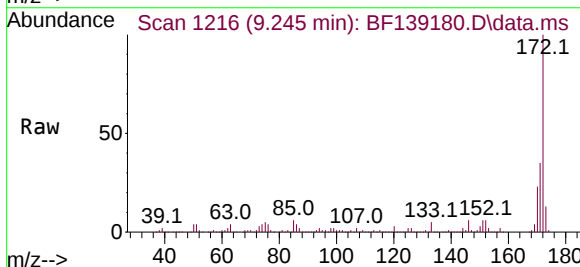
Tgt Ion:172 Resp: 679969

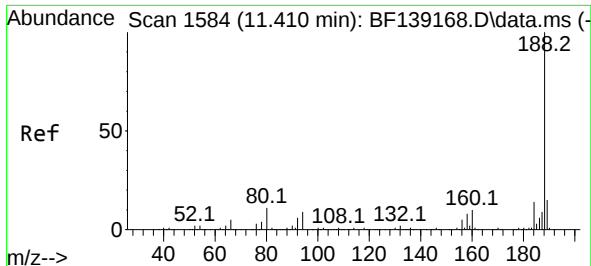
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.4 18.8 28.2

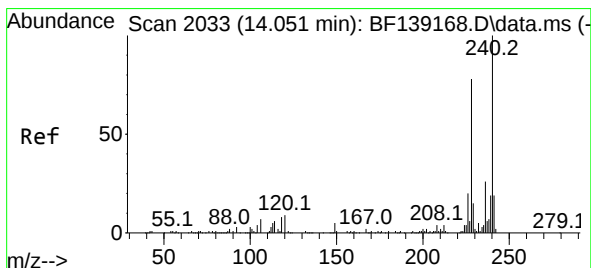
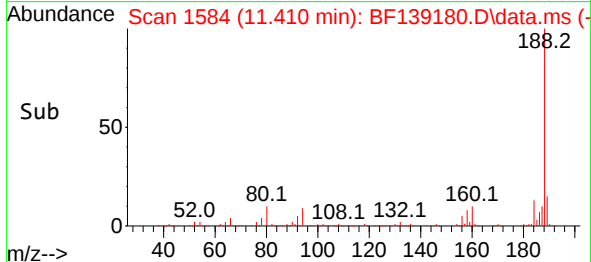
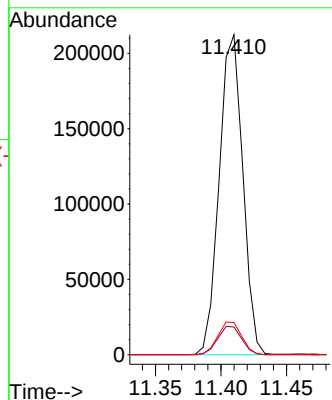
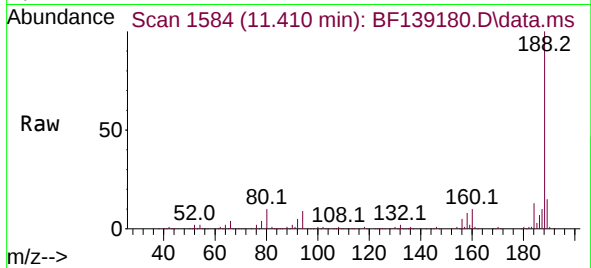




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

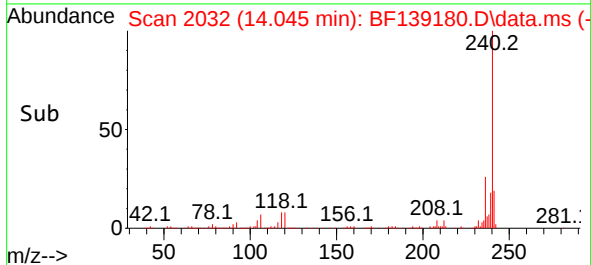
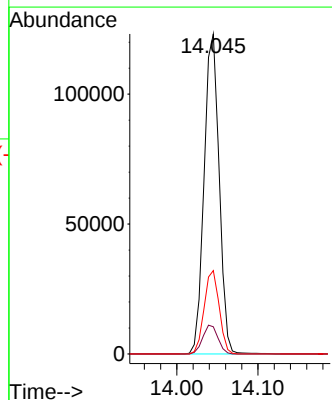
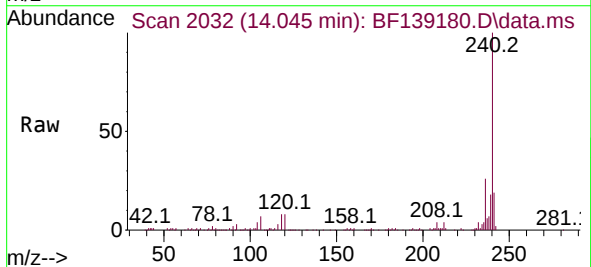
Instrument :
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TP-1

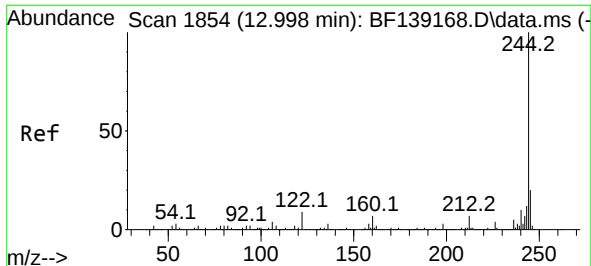
Tgt Ion:188 Resp: 265358
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 10.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

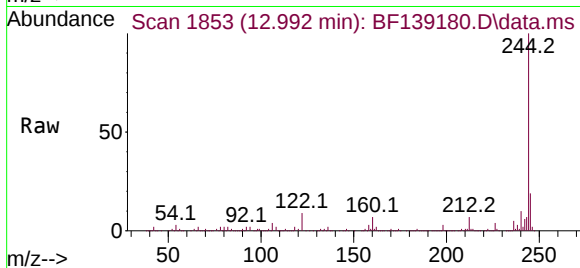
Tgt Ion:240 Resp: 158556
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.1 20.9 31.3



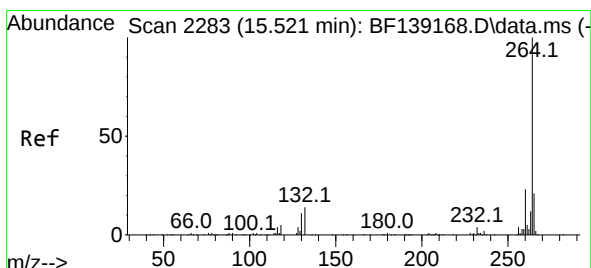
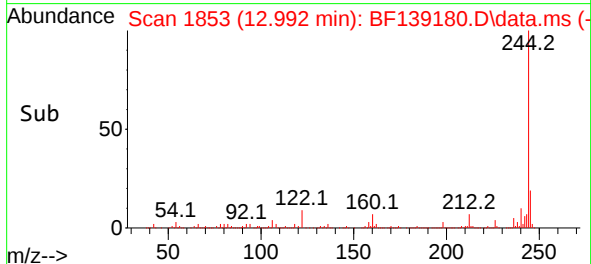
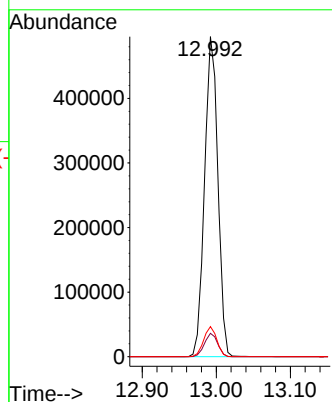


#79
 Terphenyl-d14
 Concen: 60.817 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139180.D
 Acq: 27 Aug 2024 11:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 618009
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.4 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF139180.D
 Acq: 27 Aug 2024 11:46

Tgt Ion:264 Resp: 185583
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 21.9 17.0 25.6

