

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140159.D
Acq On : 30 Oct 2024 16:00
Operator : RC/JU
Sample : P4611-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Oct 30 16:21:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	97154	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	374250	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	198763	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	327830	20.000	ng	0.00
76) Chrysene-d12	14.074	240	157069	20.000	ng	0.02
86) Perylene-d12	15.604	264	192994	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	493669	79.547	ng	0.00
7) Phenol-d6	6.498	99	672155	83.625	ng	-0.01
23) Nitrobenzene-d5	7.439	82	451392	66.848	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	169082	90.945	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	841778	69.993	ng	-0.01
79) Terphenyl-d14	13.004	244	729850	75.717	ng	0.00

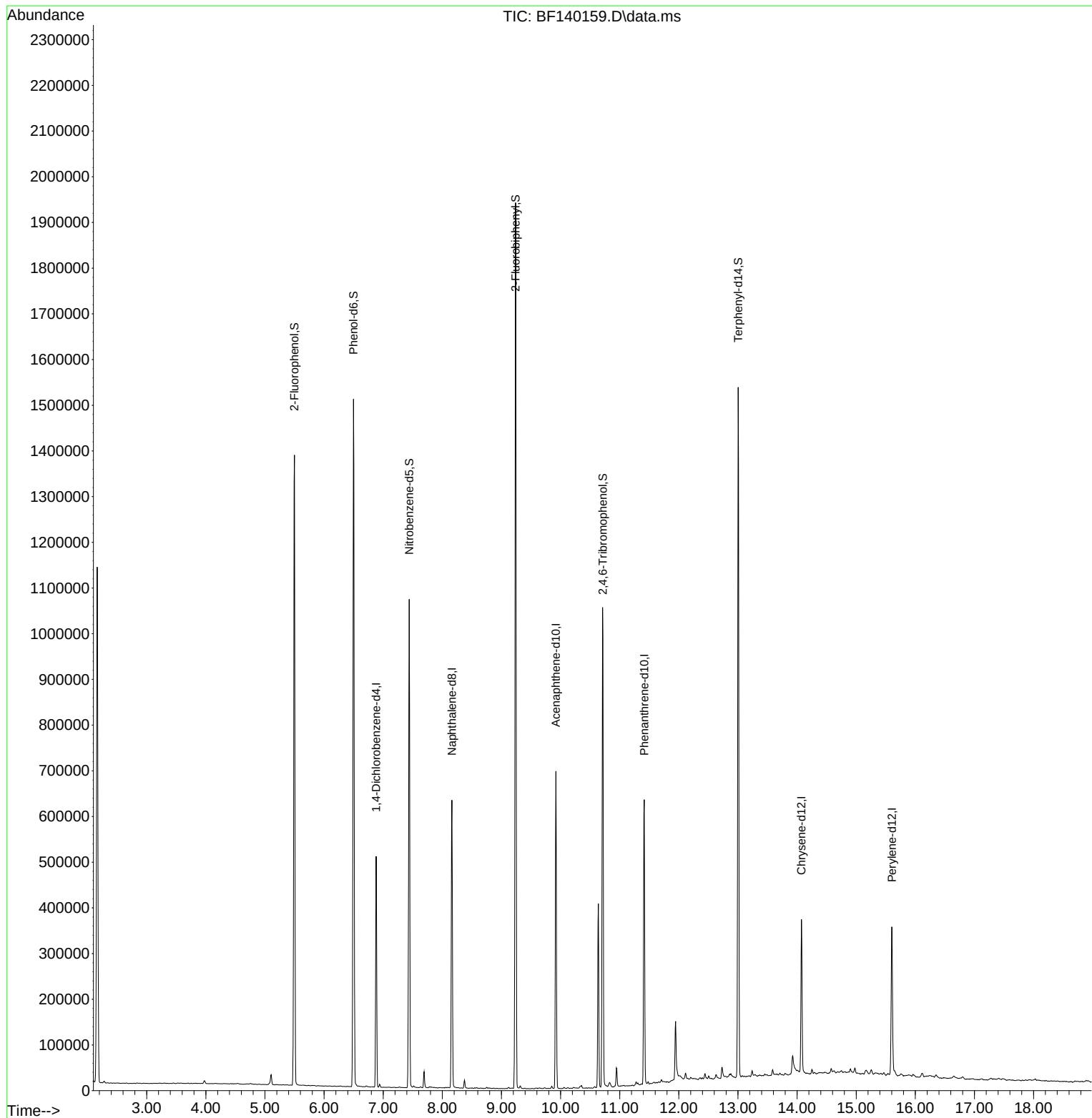
Target Compounds	Qvalue

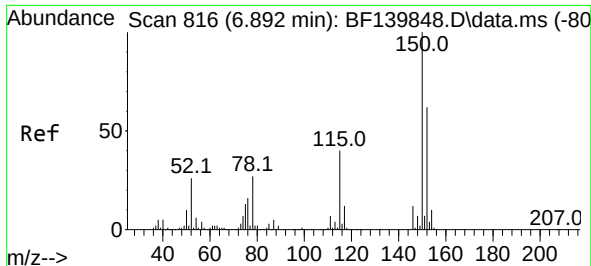
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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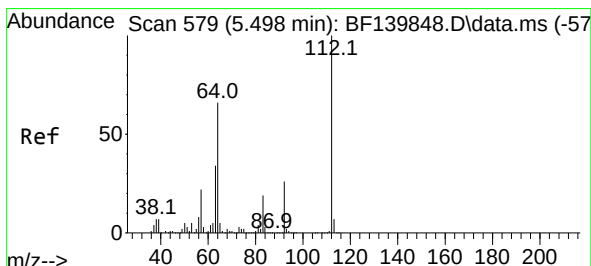
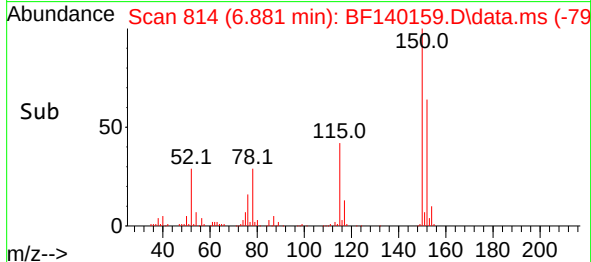
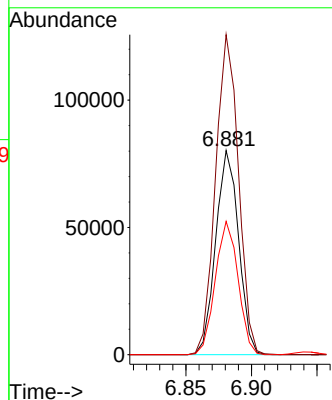
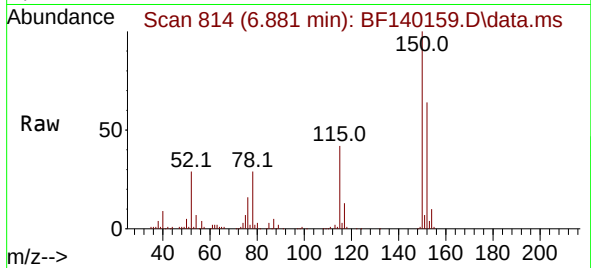




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

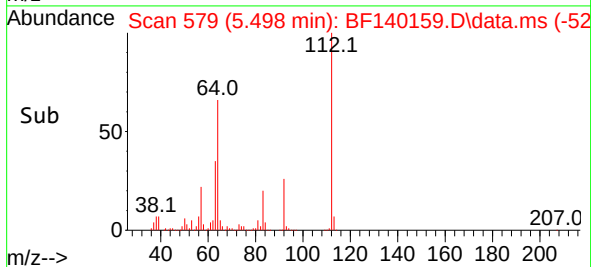
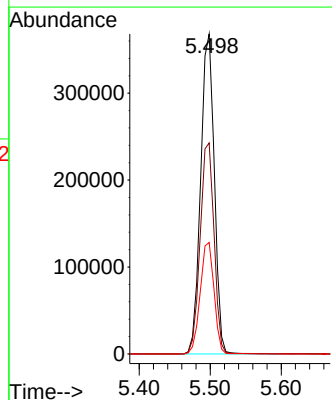
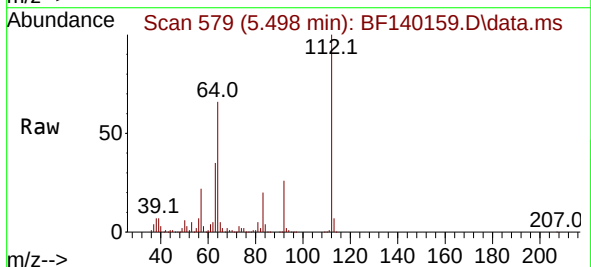
Instrument :
BNA_F
ClientSampleId :
TP-6

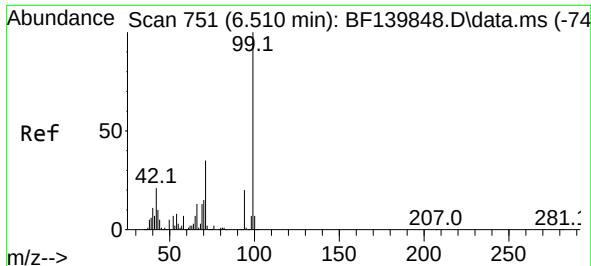
Tgt Ion:152 Resp: 97154
Ion Ratio Lower Upper
152 100
150 156.8 130.2 195.2
115 65.3 51.4 77.2



#5
2-Fluorophenol
Concen: 79.547 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

Tgt Ion:112 Resp: 493669
Ion Ratio Lower Upper
112 100
64 66.0 53.0 79.6
63 34.9 27.0 40.4

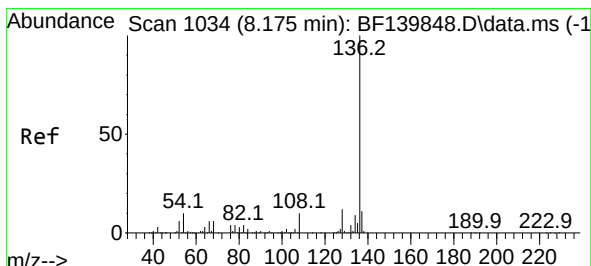
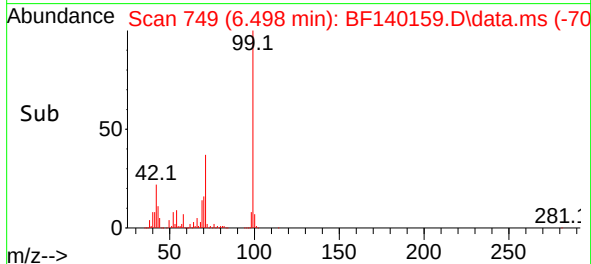
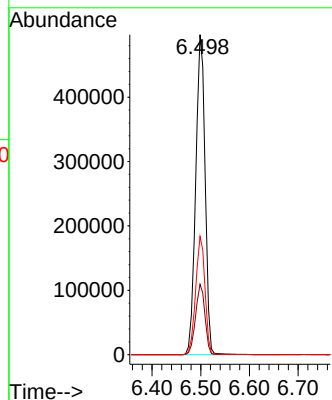
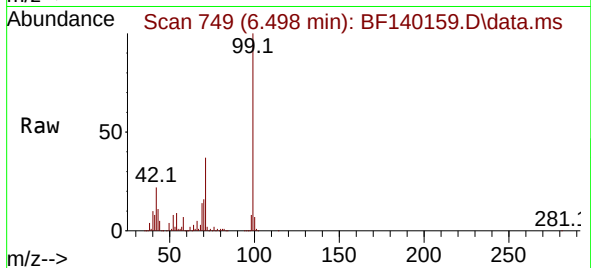




#7
Phenol-d6
Concen: 83.625 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

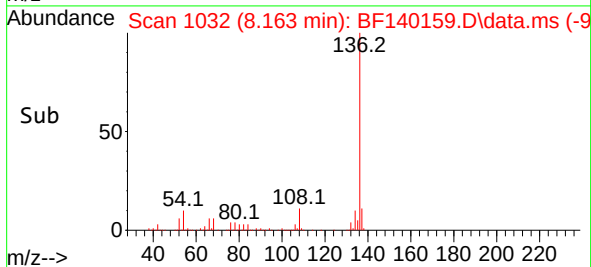
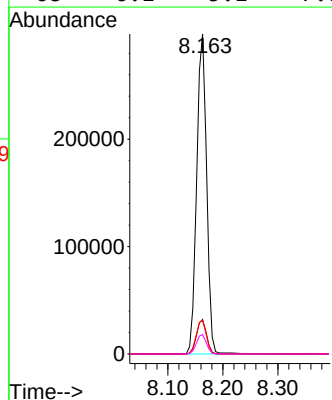
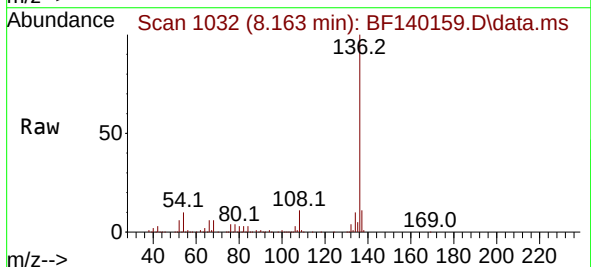
Instrument :
BNA_F
ClientSampleId :
TP-6

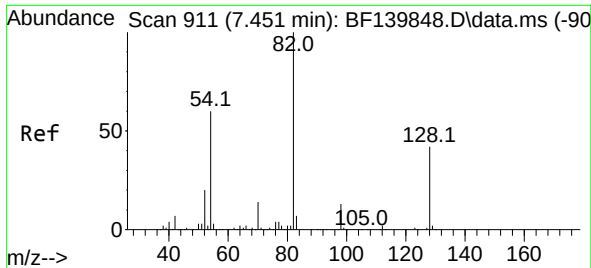
Tgt Ion: 99 Resp: 672155
Ion Ratio Lower Upper
99 100
42 22.0 16.7 25.1
71 36.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

Tgt Ion: 136 Resp: 374250
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.4 8.4 12.6
68 6.1 5.1 7.7

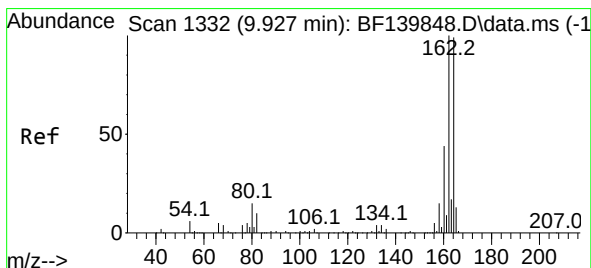
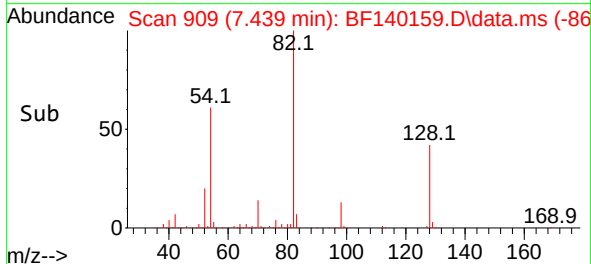
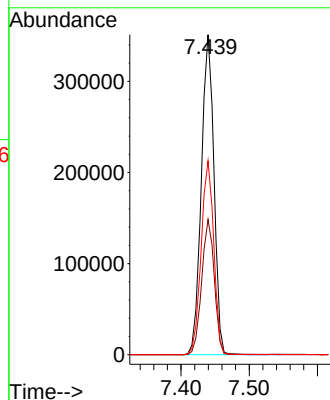
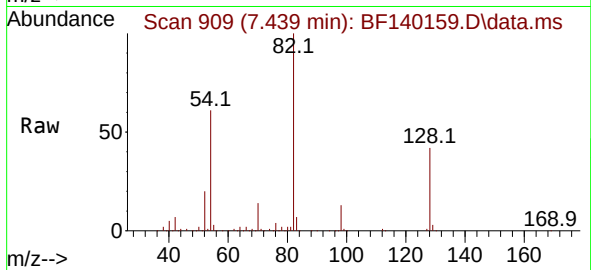




#23
Nitrobenzene-d5
Concen: 66.848 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

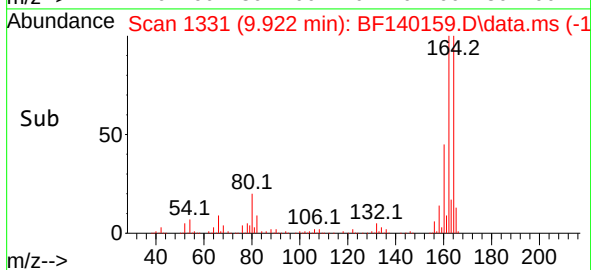
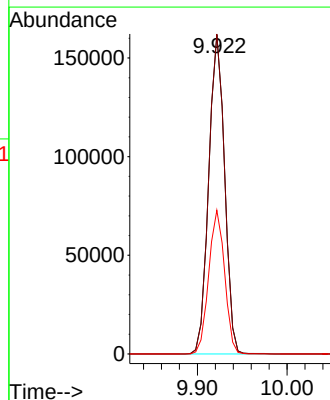
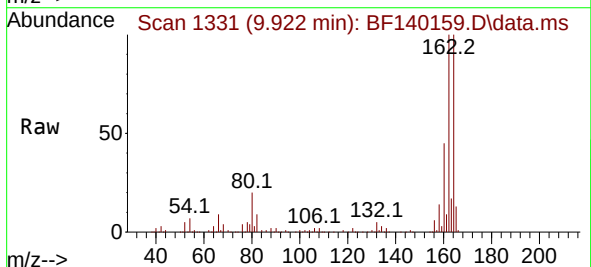
Instrument :
BNA_F
ClientSampleId :
TP-6

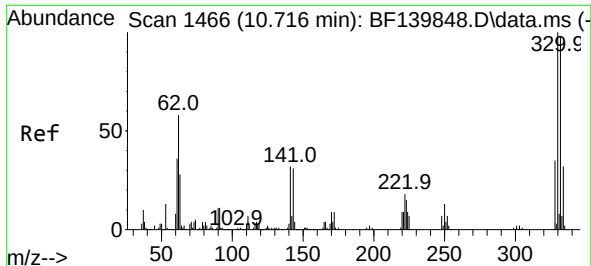
Tgt Ion: 82 Resp: 451392
Ion Ratio Lower Upper
82 100
128 42.2 33.4 50.0
54 60.6 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

Tgt Ion: 164 Resp: 198763
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 90.945 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140159.D

Acq: 30 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

TP-6

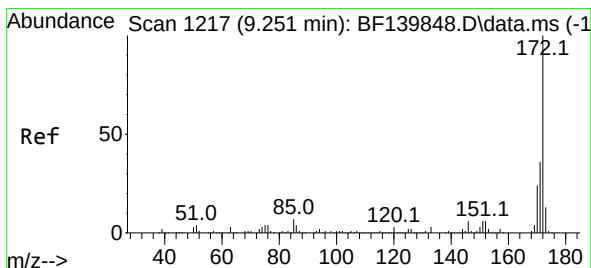
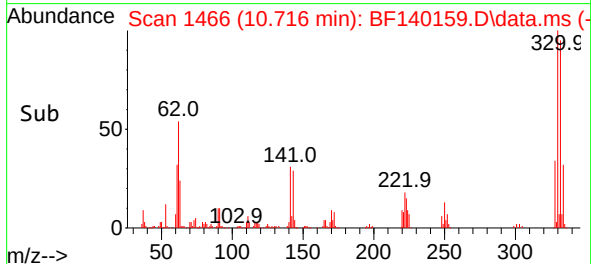
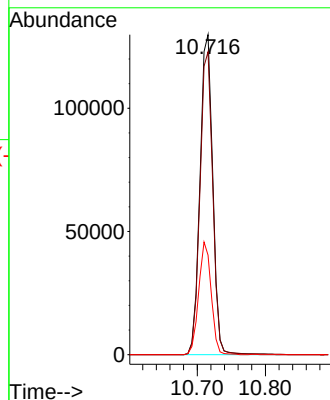
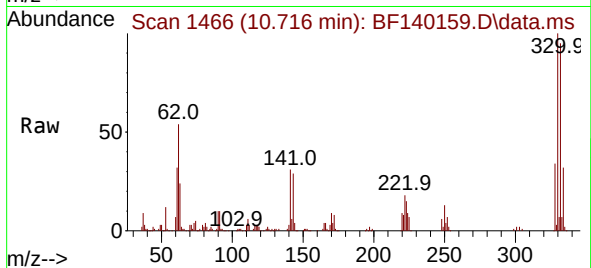
Tgt Ion:330 Resp: 169082

Ion Ratio Lower Upper

330 100

332 94.8 78.1 117.1

141 34.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 69.993 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140159.D

Acq: 30 Oct 2024 16:00

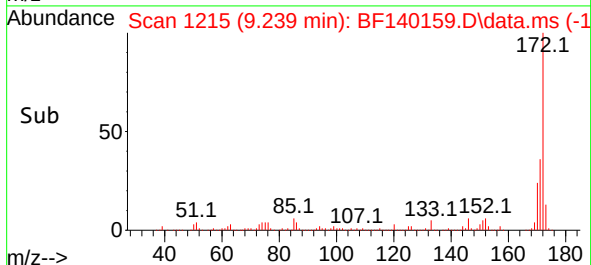
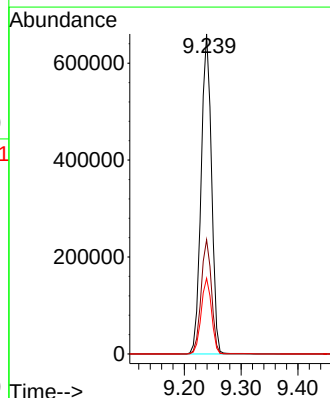
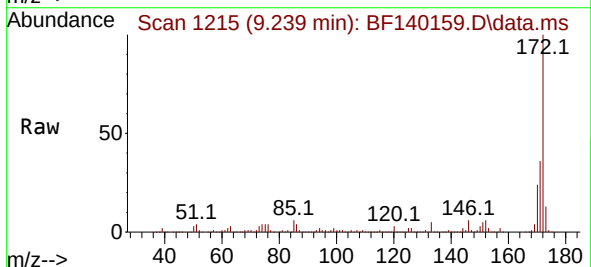
Tgt Ion:172 Resp: 841778

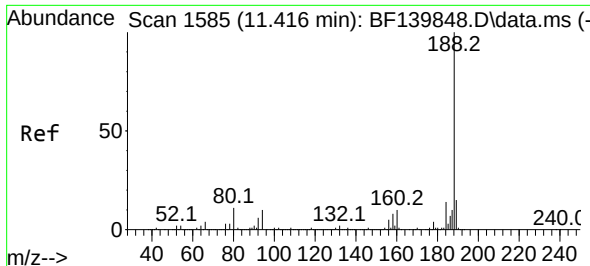
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.7 19.1 28.7

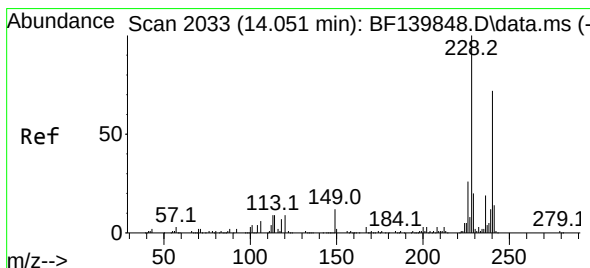
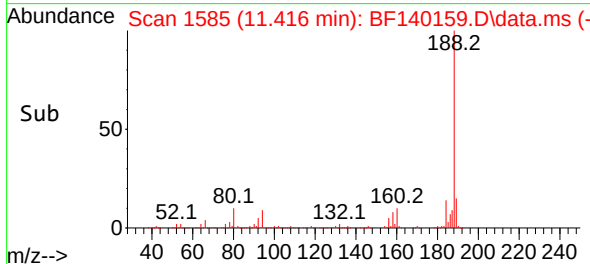
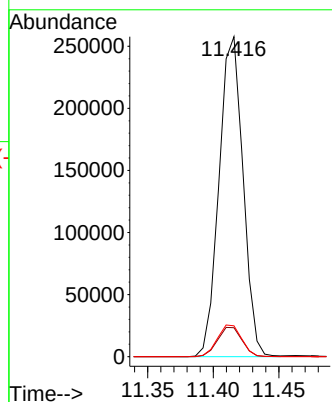
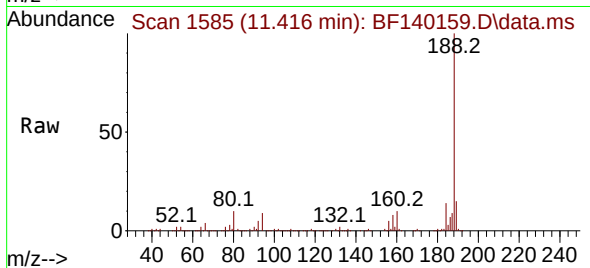




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

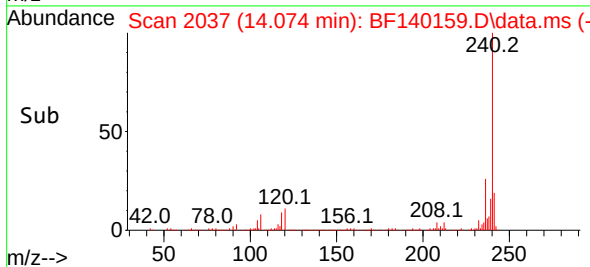
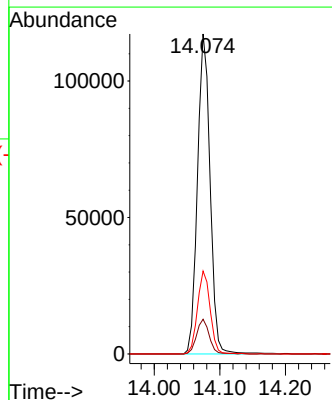
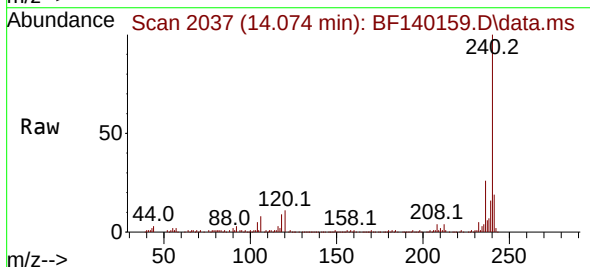
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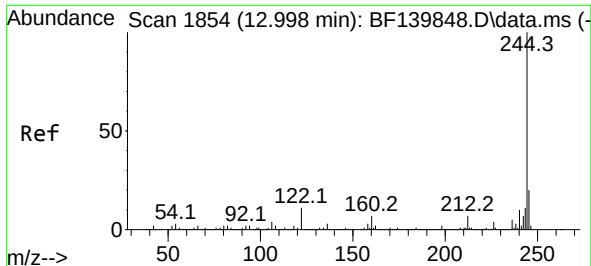
Tgt Ion:188 Resp: 327830
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

Tgt Ion:240 Resp: 157069
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.9 20.9 31.3

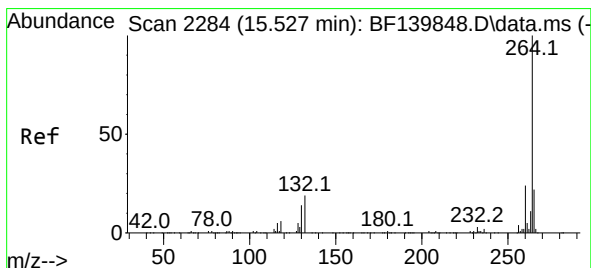
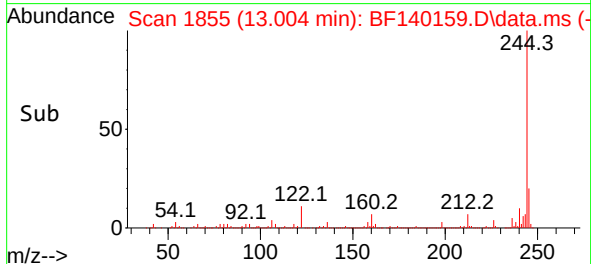
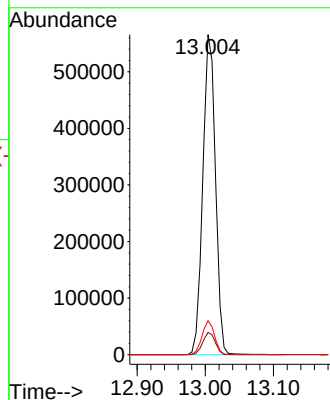
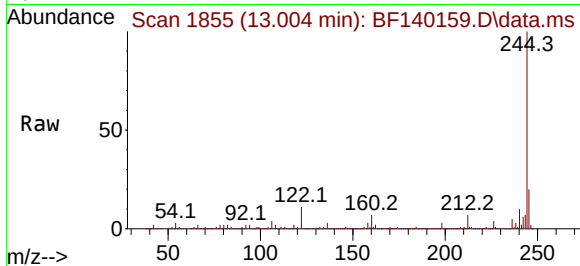




#79
Terphenyl-d14
Concen: 75.717 ng
RT: 13.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:244 Resp: 729850
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.6 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2297
Delta R.T. 0.077 min
Lab File: BF140159.D
Acq: 30 Oct 2024 16:00

Tgt Ion:264 Resp: 192994
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.0 17.4 26.0

