

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140190.D
 Acq On : 31 Oct 2024 15:42
 Operator : RC/JU
 Sample : P4594-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

Quant Time: Oct 31 16:20:09 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	124527	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	504362	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	290211	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	493421	20.000	ng	0.00
76) Chrysene-d12	14.080	240	266578	20.000	ng	0.03
86) Perylene-d12	15.609	264	239048	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	604905	76.045	ng	0.00
7) Phenol-d6	6.504	99	807241	78.355	ng	0.00
23) Nitrobenzene-d5	7.439	82	488653	53.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	233667	86.080	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	824395	46.948	ng	-0.01
79) Terphenyl-d14	13.010	244	762793	46.626	ng	0.01

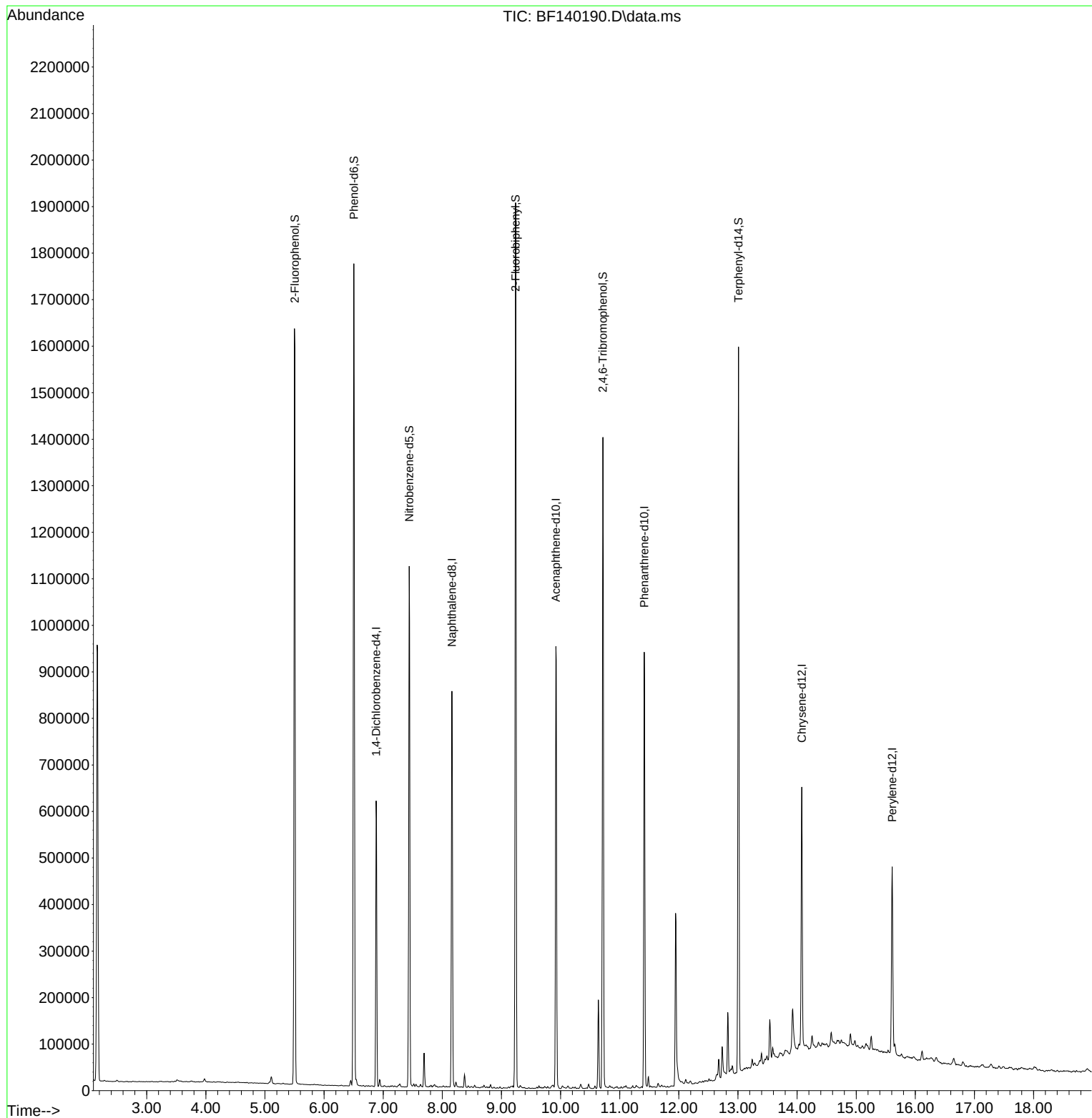
Target Compounds	Qvalue

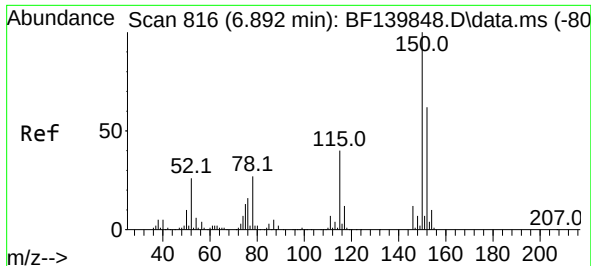
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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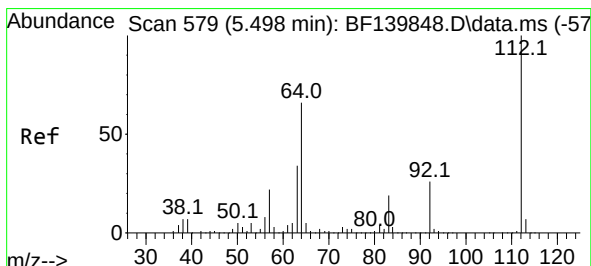
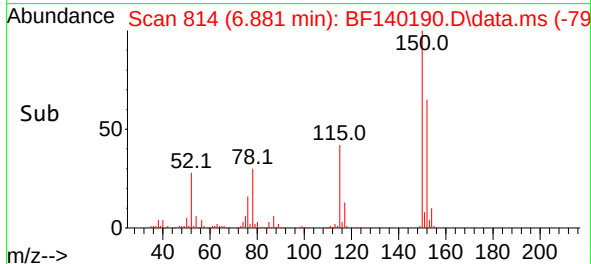
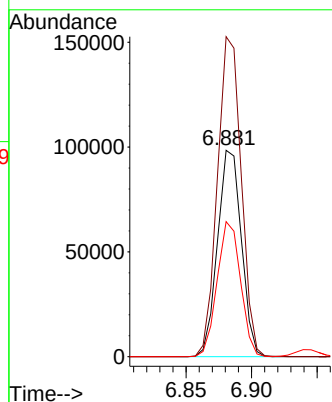
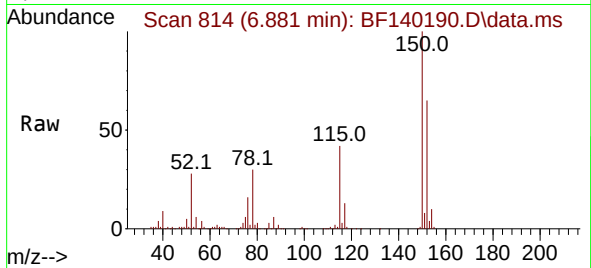




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140190.D
Acq: 31 Oct 2024 15:42

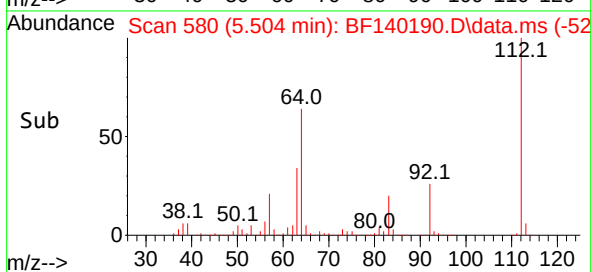
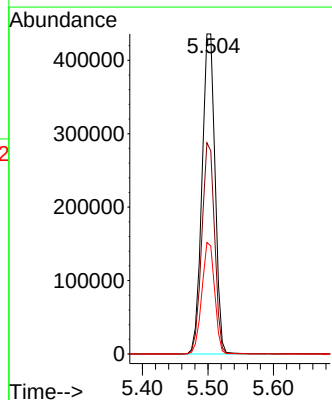
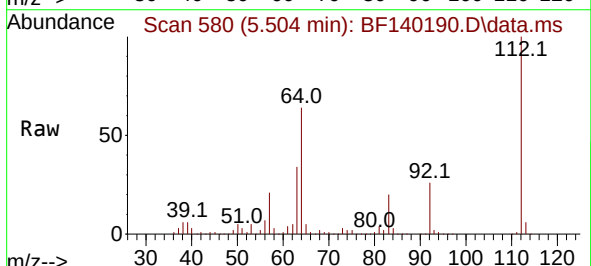
Instrument :
BNA_F
ClientSampleId :
BP-F16

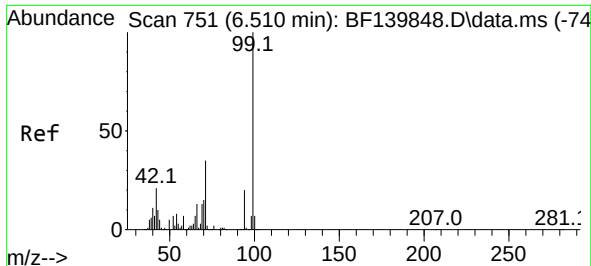
Tgt Ion:152 Resp: 124527
Ion Ratio Lower Upper
152 100
150 155.0 130.2 195.2
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 76.045 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140190.D
Acq: 31 Oct 2024 15:42

Tgt Ion:112 Resp: 604905
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 33.8 27.0 40.4

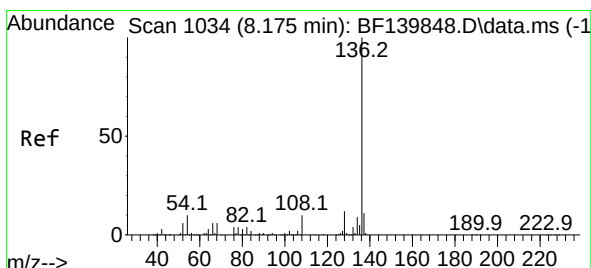
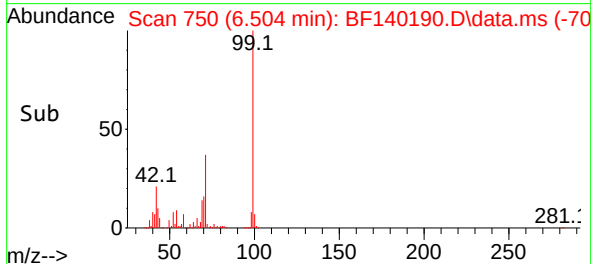
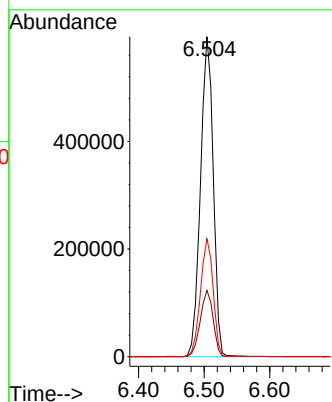
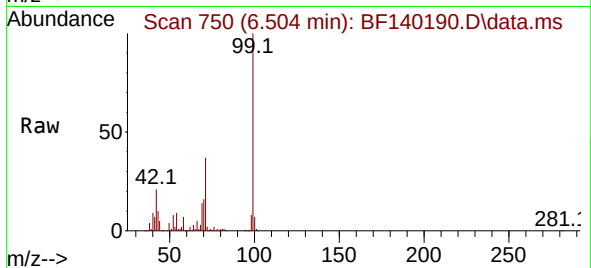




#7
Phenol-d6
Concen: 78.355 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140190.D
Acq: 31 Oct 2024 15:42

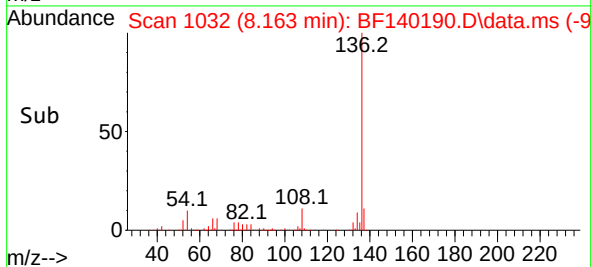
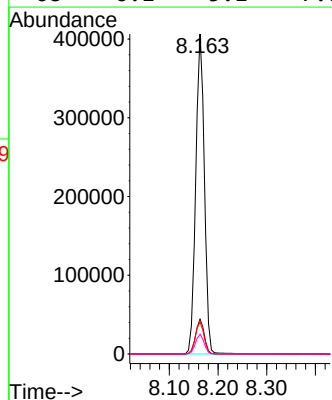
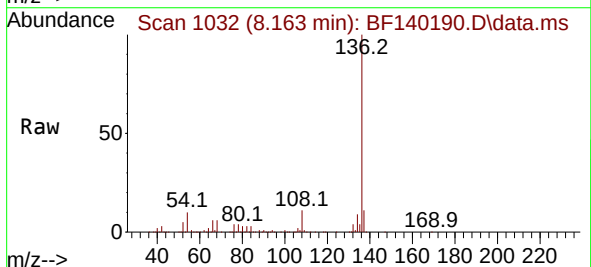
Instrument :
BNA_F
ClientSampleId :
BP-F16

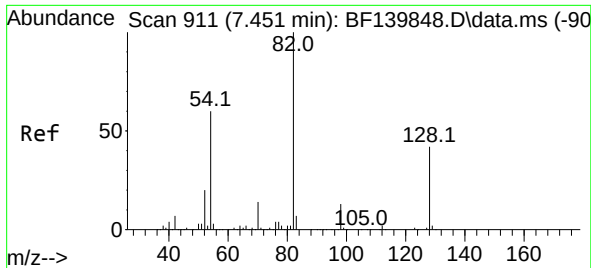
Tgt Ion: 99 Resp: 807241
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 36.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140190.D
Acq: 31 Oct 2024 15:42

Tgt Ion:136 Resp: 504362
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.0 8.4 12.6
68 6.1 5.1 7.7

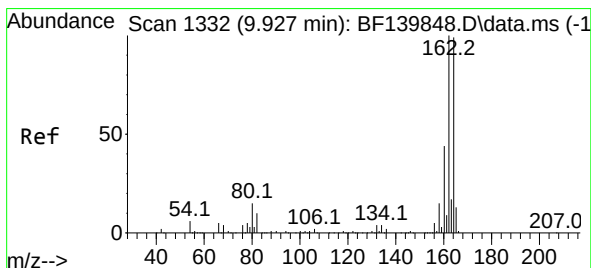
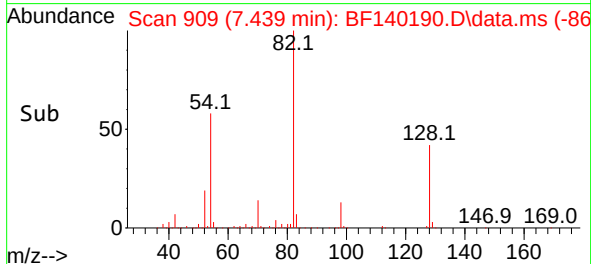
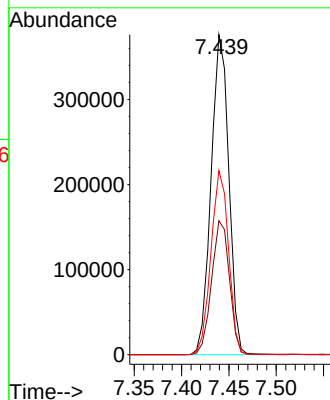
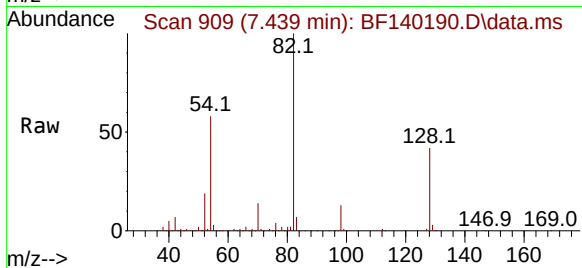




#23
Nitrobenzene-d5
Concen: 53.697 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140190.D
Acq: 31 Oct 2024 15:42

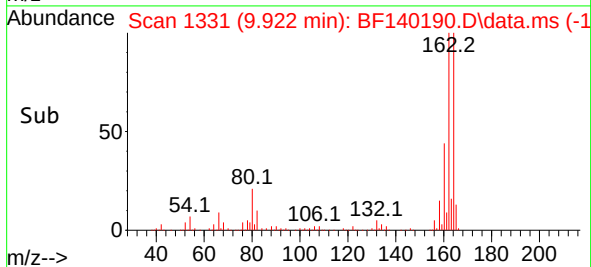
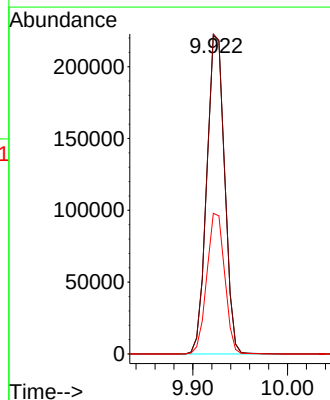
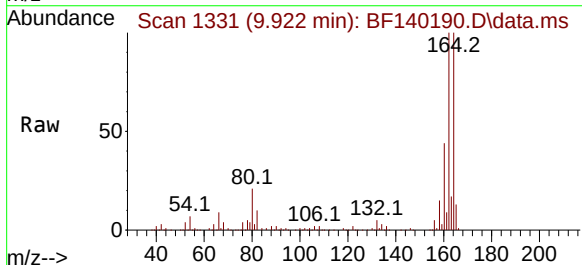
Instrument :
BNA_F
ClientSampleId :
BP-F16

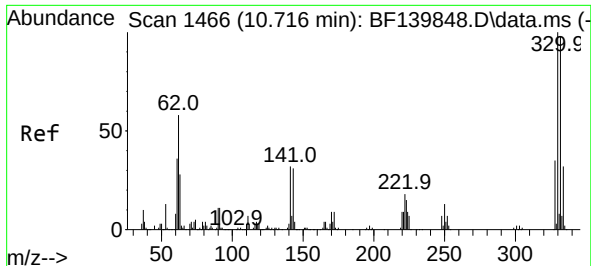
Tgt Ion: 82 Resp: 488653
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.0
54 57.5 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140190.D
Acq: 31 Oct 2024 15:42

Tgt Ion:164 Resp: 290211
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 86.080 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140190.D

Acq: 31 Oct 2024 15:42

Instrument :

BNA_F

ClientSampleId :

BP-F16

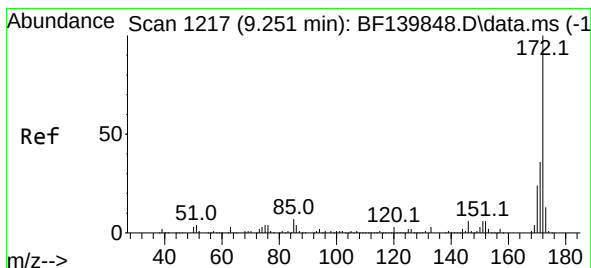
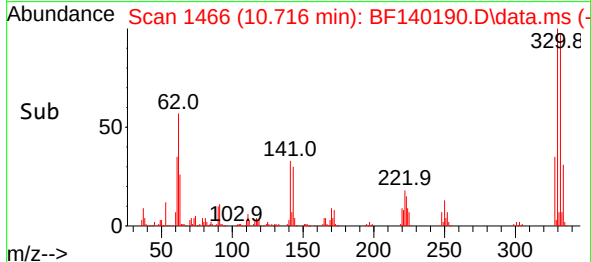
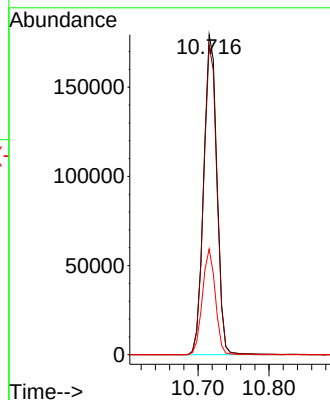
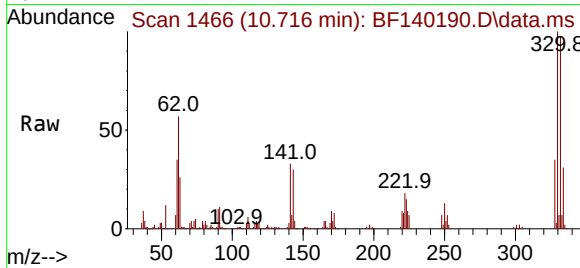
Tgt Ion:330 Resp: 233667

Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

141 32.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 46.948 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140190.D

Acq: 31 Oct 2024 15:42

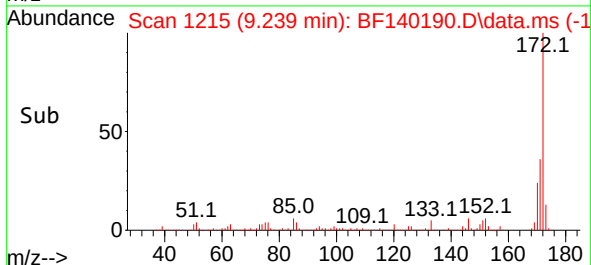
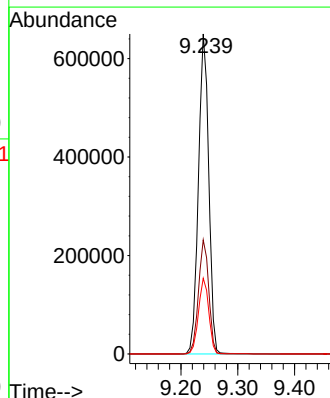
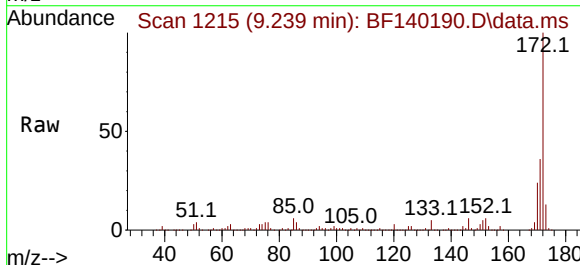
Tgt Ion:172 Resp: 824395

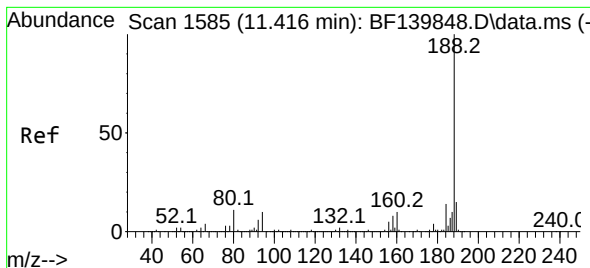
Ion Ratio Lower Upper

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: BF140190.D

Acq: 31 Oct 2024 15:42

Instrument :

BNA_F

ClientSampleId :

BP-F16

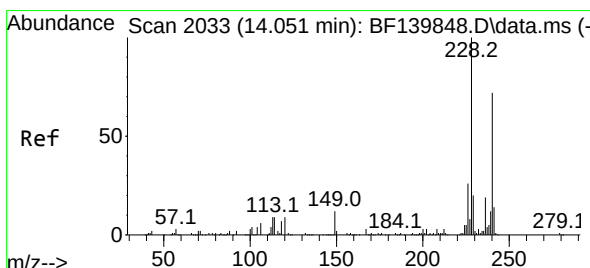
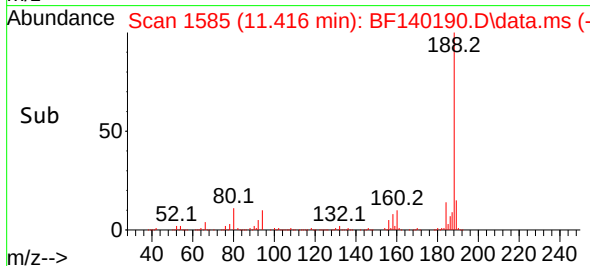
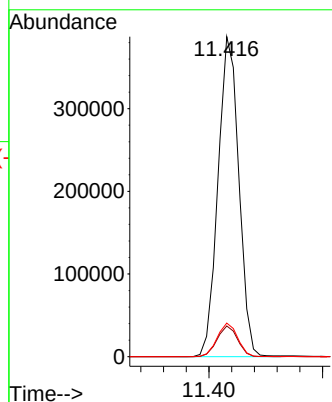
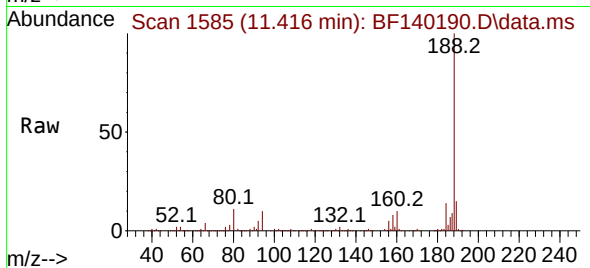
Tgt Ion:188 Resp: 493421

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.029 min

Lab File: BF140190.D

Acq: 31 Oct 2024 15:42

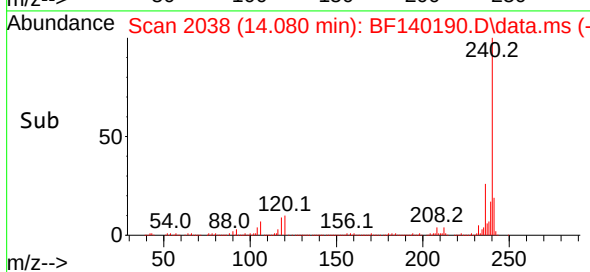
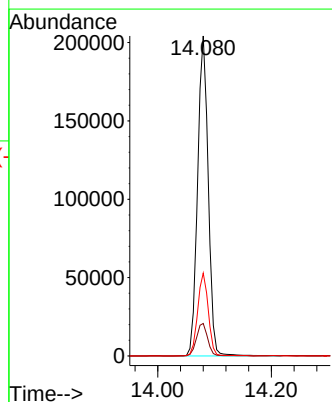
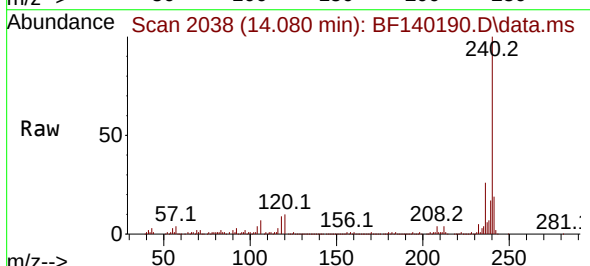
Tgt Ion:240 Resp: 266578

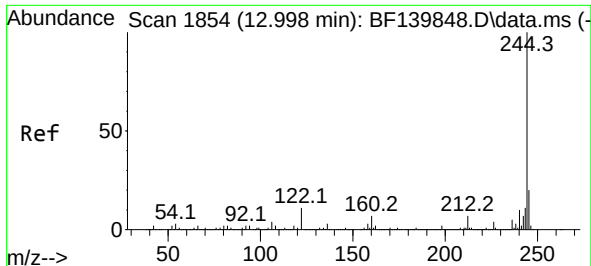
Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

236 25.9 20.9 31.3

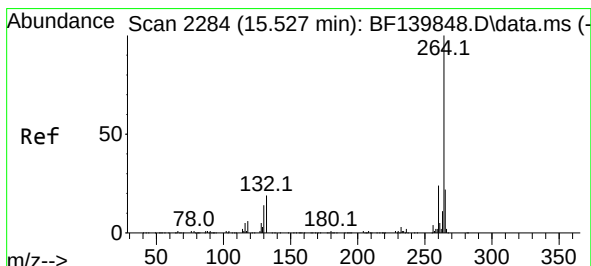
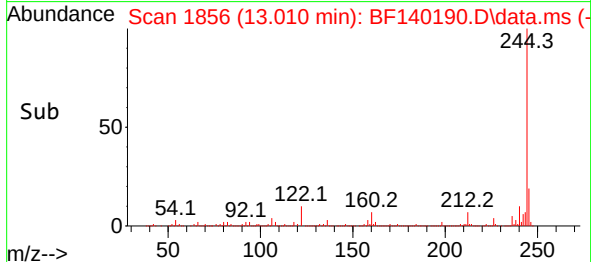
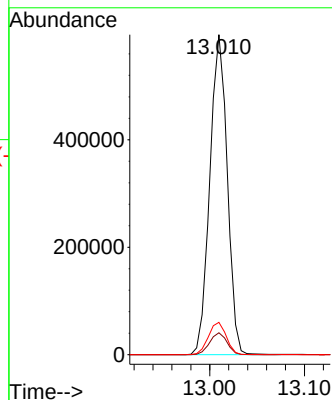
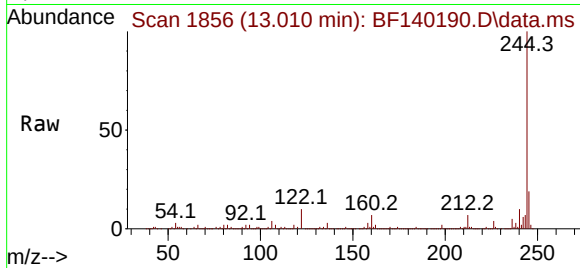




#79
Terphenyl-d14
Concen: 46.626 ng
RT: 13.010 min Scan# 1854
Delta R.T. 0.012 min
Lab File: BF140190.D
Acq: 31 Oct 2024 15:42

Instrument :
BNA_F
ClientSampleId :
BP-F16

Tgt Ion:244 Resp: 762793
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.1 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.609 min Scan# 2298
Delta R.T. 0.082 min
Lab File: BF140190.D
Acq: 31 Oct 2024 15:42

Tgt Ion:264 Resp: 239048
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.8 17.4 26.0

