

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140017.D
 Acq On : 24 Oct 2024 22:58
 Operator : RC/JU
 Sample : P4487-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5

Quant Time: Oct 25 01:10:24 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	6.886	152	78377	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	297853	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153225	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	239422	20.000	ng	0.00
76) Chrysene-d12	14.045	240	143645	20.000	ng	0.00
86) Perylene-d12	15.527	264	179718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	457055	91.291	ng	0.00
7) Phenol-d6	6.504	99	575498	88.753	ng	0.00
23) Nitrobenzene-d5	7.445	82	382450	71.165	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	142342	99.316	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	686042	73.997	ng	0.00
79) Terphenyl-d14	12.992	244	482671	54.753	ng	0.00

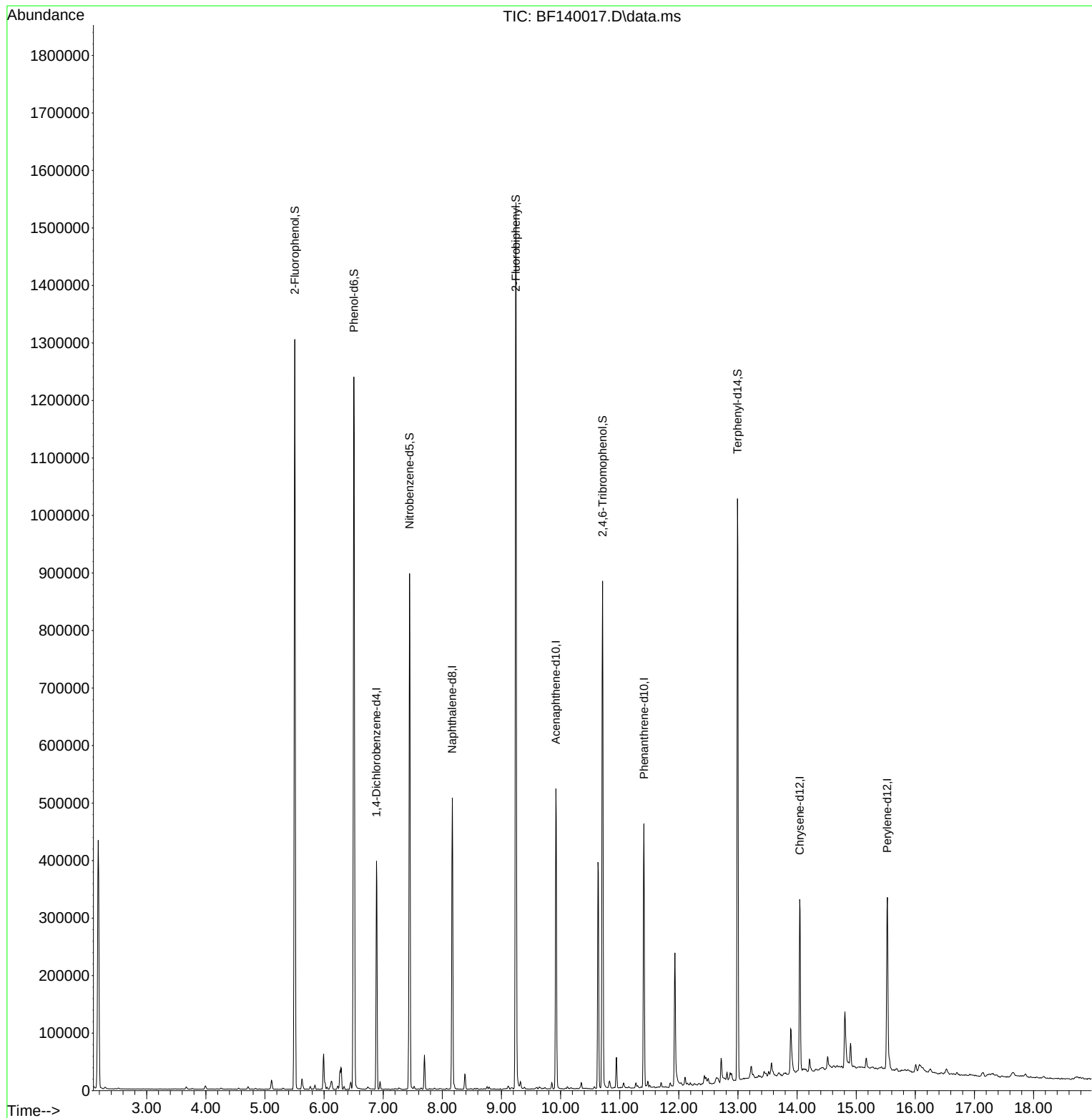
Target Compounds	Qvalue

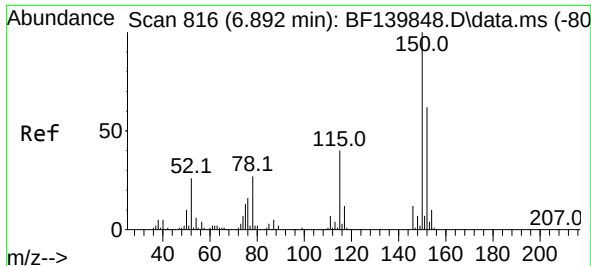
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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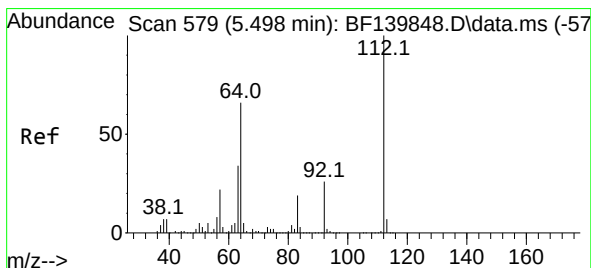
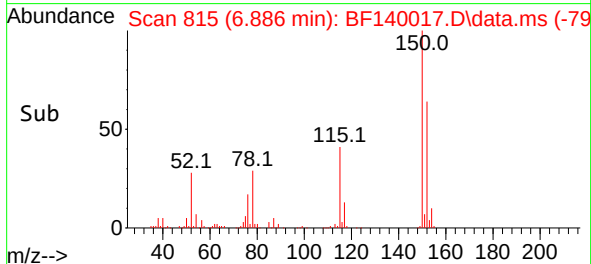
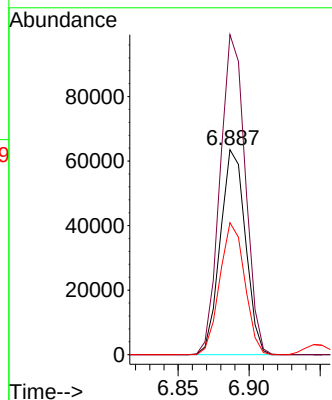
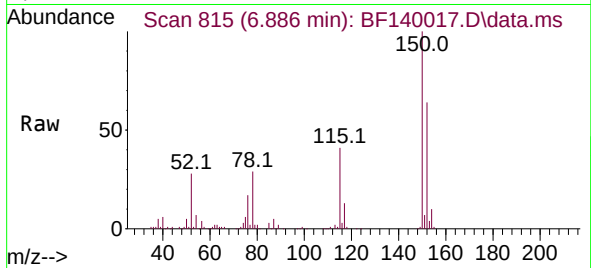




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

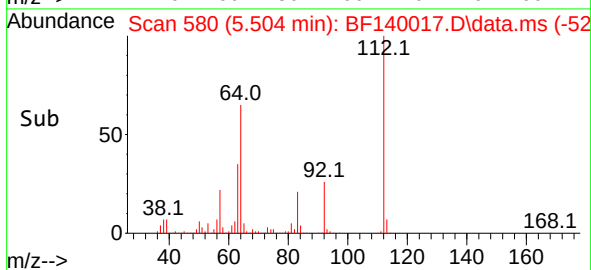
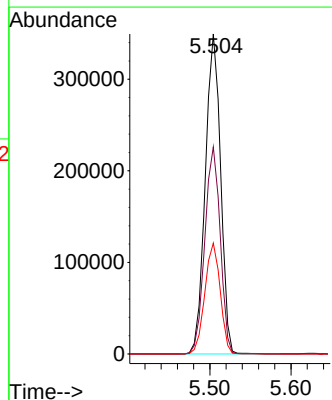
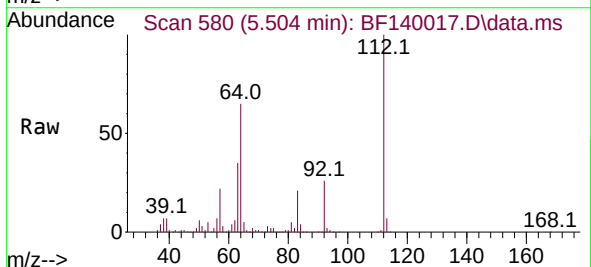
Instrument :
BNA_F
ClientSampleId :
BP-B5

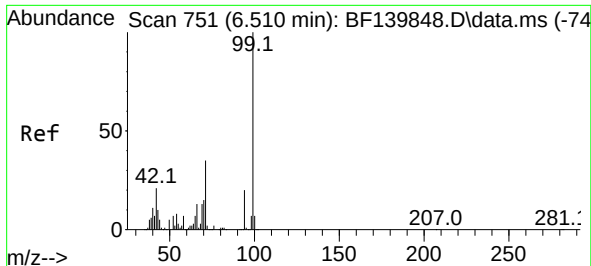
Tgt Ion:152 Resp: 78377
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 64.4 51.4 77.2



#5
2-Fluorophenol
Concen: 91.291 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion:112 Resp: 457055
Ion Ratio Lower Upper
112 100
64 64.7 53.0 79.6
63 34.7 27.0 40.4

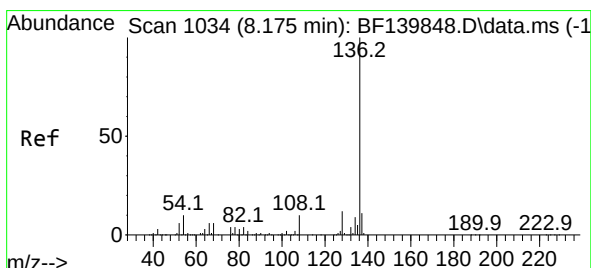
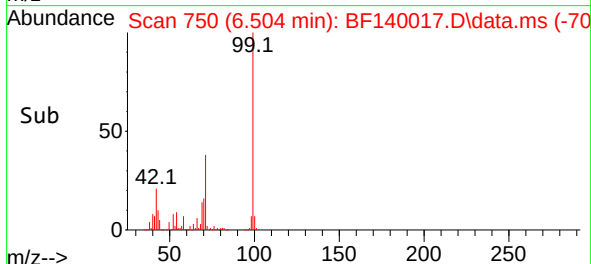
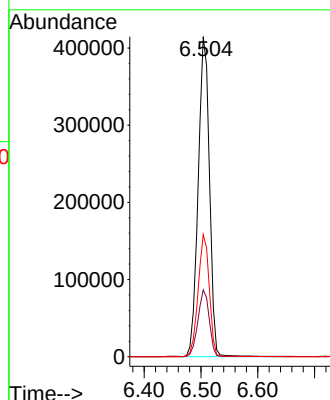
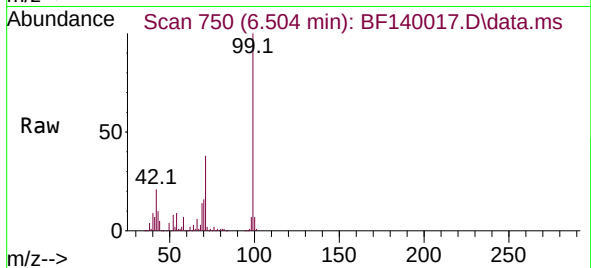




#7
Phenol-d6
Concen: 88.753 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

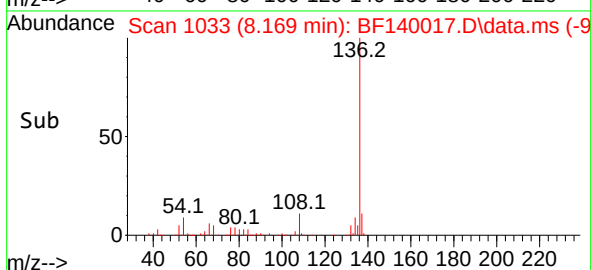
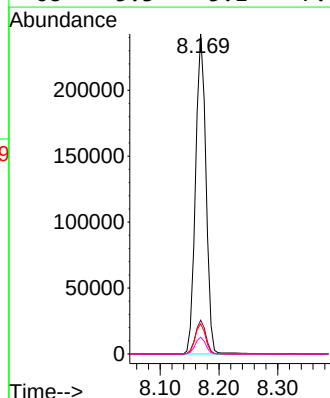
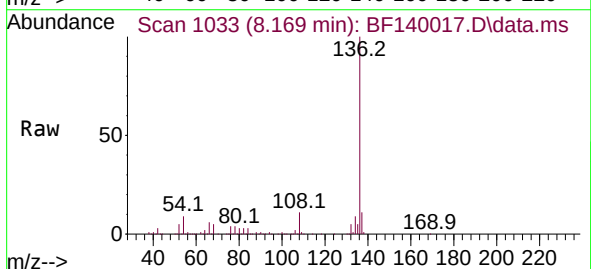
Instrument :
BNA_F
ClientSampleId :
BP-B5

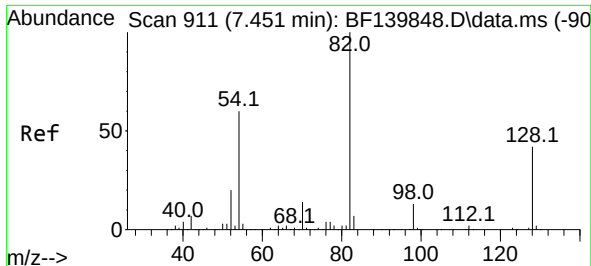
Tgt Ion: 99 Resp: 575498
Ion Ratio Lower Upper
99 100
42 20.9 16.7 25.1
71 38.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion: 136 Resp: 297853
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.4 8.4 12.6
68 5.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 71.165 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140017.D

Acq: 24 Oct 2024 22:58

Instrument :

BNA_F

ClientSampleId :

BP-B5

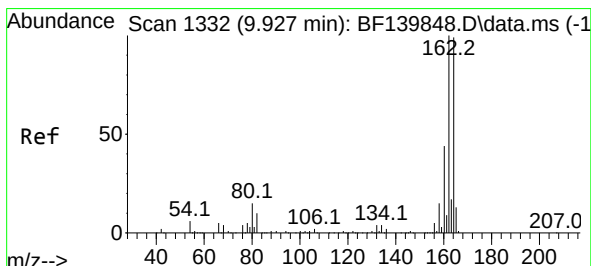
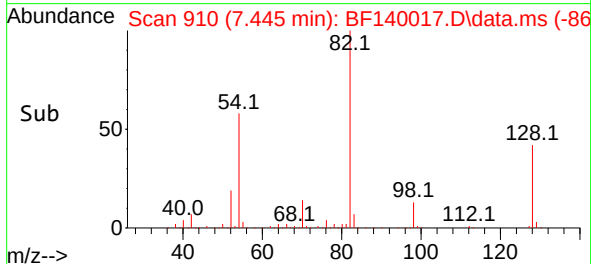
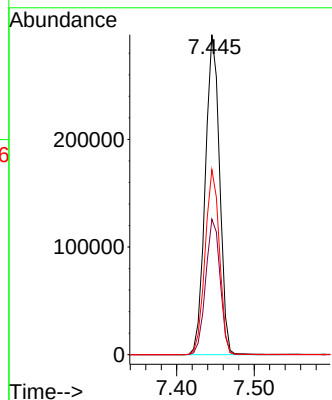
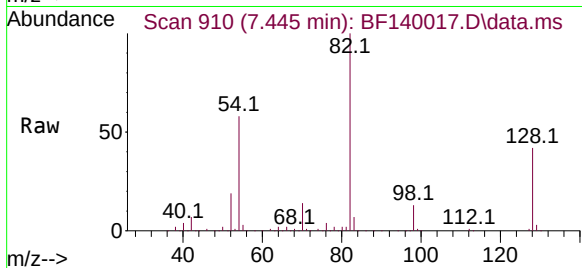
Tgt Ion: 82 Resp: 382450

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.0

54 57.8 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: BF140017.D

Acq: 24 Oct 2024 22:58

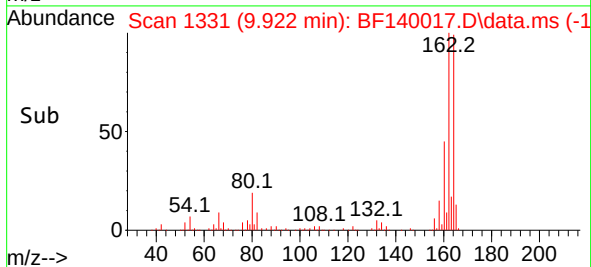
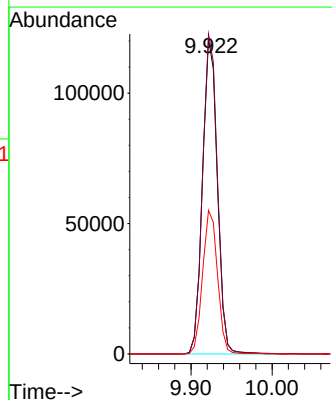
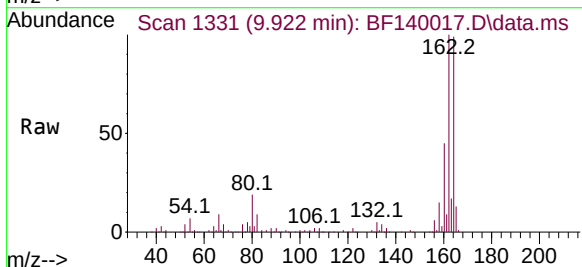
Tgt Ion:164 Resp: 153225

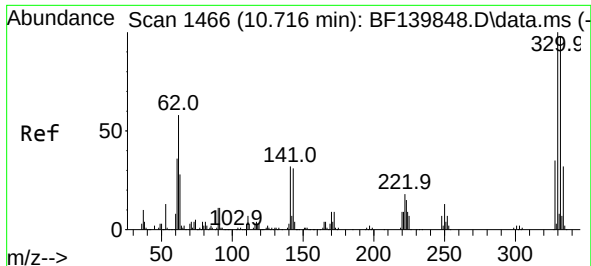
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 99.316 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140017.D

Acq: 24 Oct 2024 22:58

Instrument :

BNA_F

ClientSampleId :

BP-B5

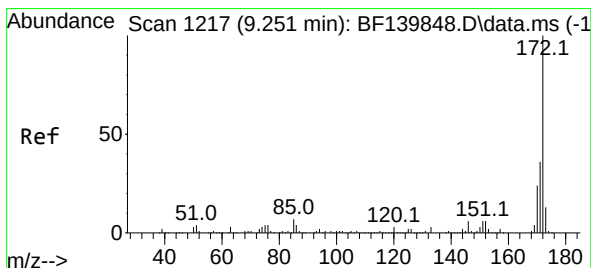
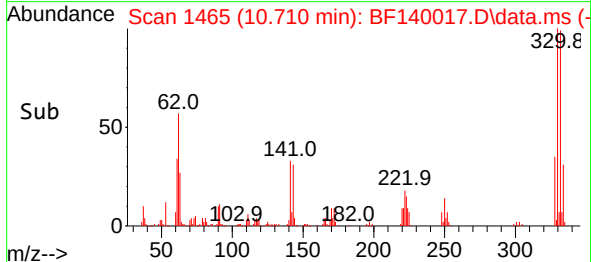
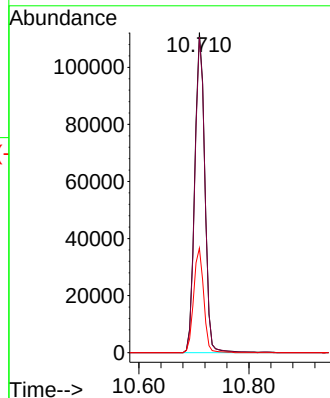
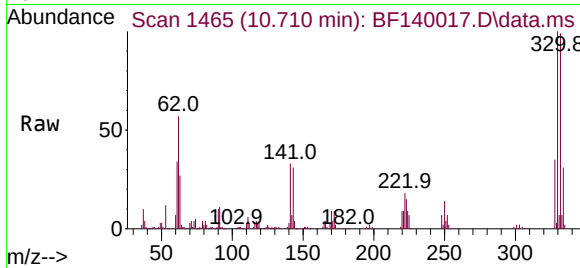
Tgt Ion:330 Resp: 142342

Ion Ratio Lower Upper

330 100

332 98.3 78.1 117.1

141 32.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 73.997 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140017.D

Acq: 24 Oct 2024 22:58

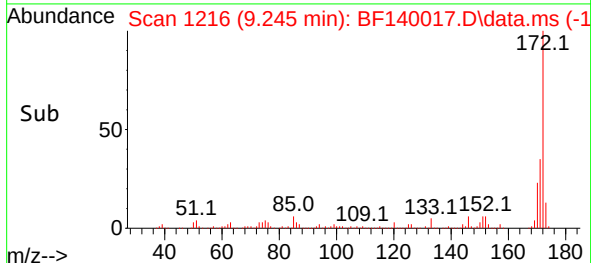
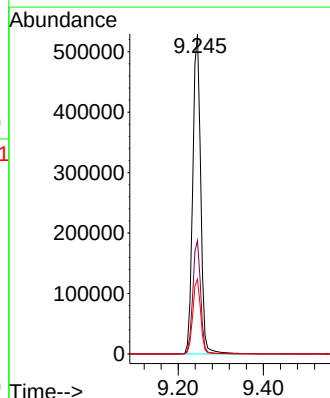
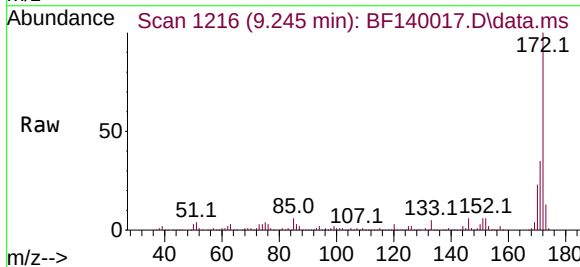
Tgt Ion:172 Resp: 686042

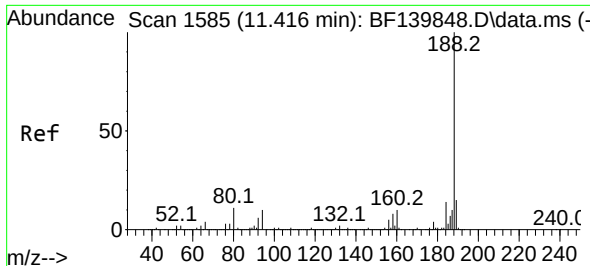
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.3 19.1 28.7

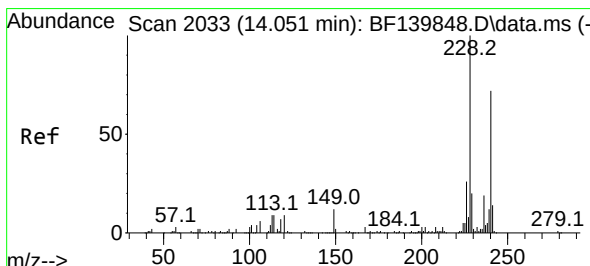
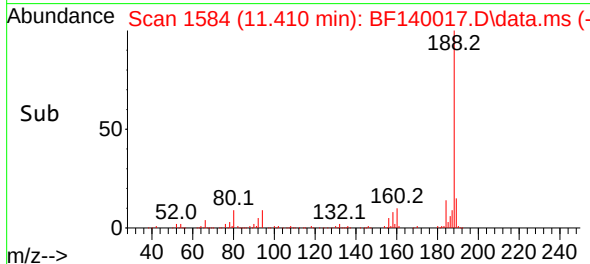
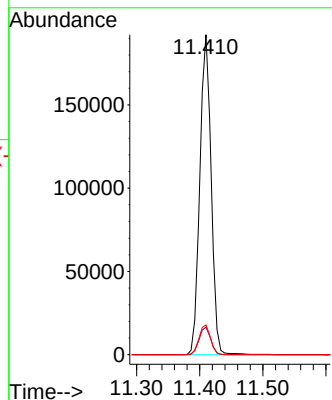
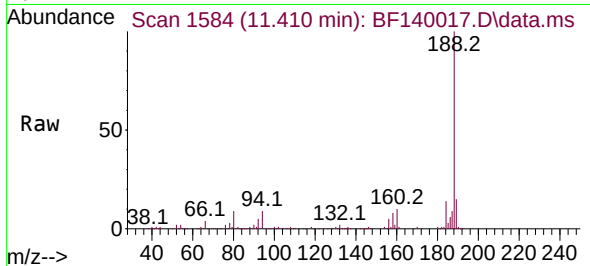




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

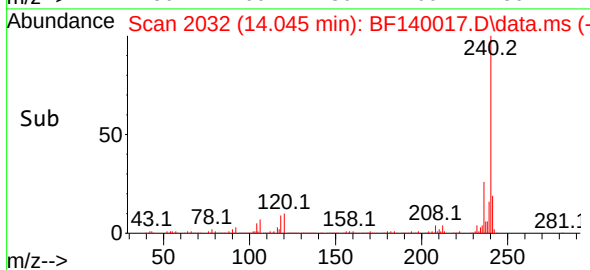
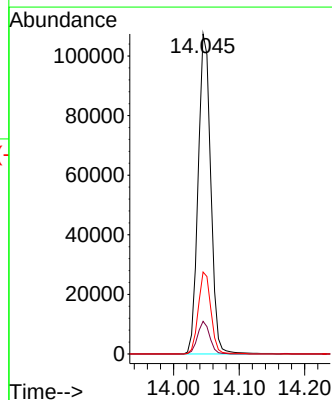
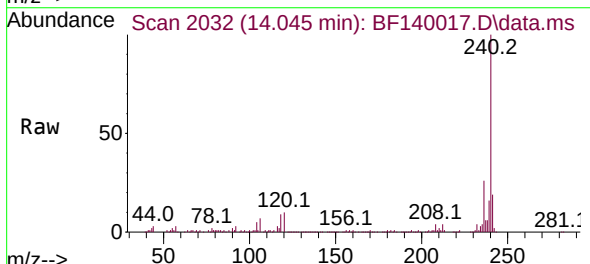
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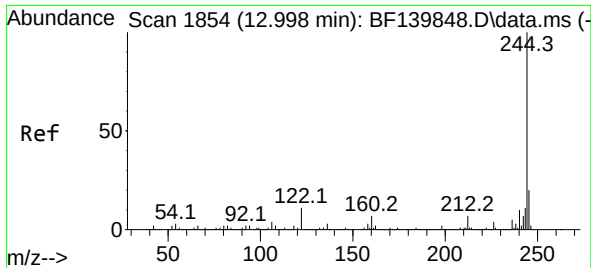
Tgt Ion:188 Resp: 239422
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion:240 Resp: 143645
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 25.6 20.9 31.3

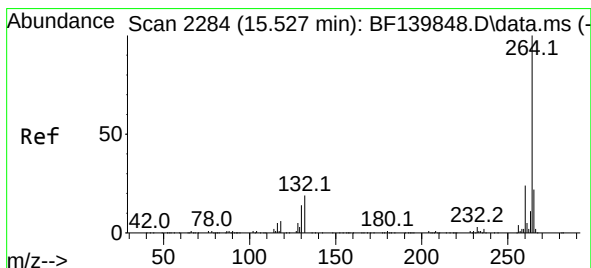
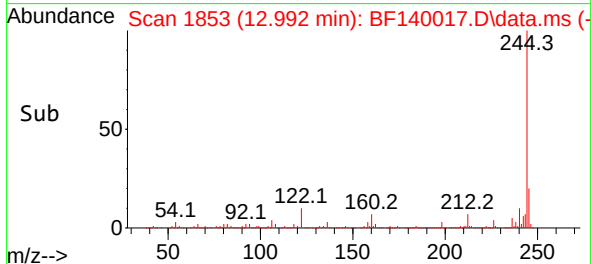
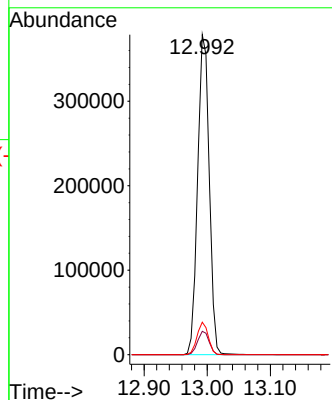
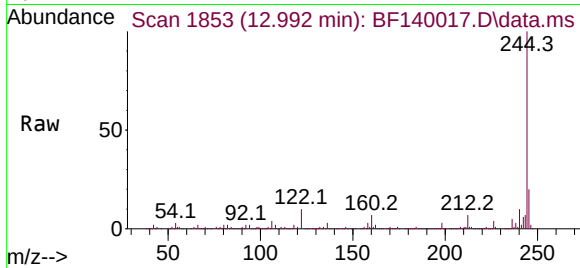




#79
 Terphenyl-d14
 Concen: 54.753 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140017.D
 Acq: 24 Oct 2024 22:58

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5

Tgt Ion:244 Resp: 482671
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140017.D
 Acq: 24 Oct 2024 22:58

Tgt Ion:264 Resp: 179718
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 20.4 17.4 26.0

