

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109850.D
 Acq On : 12 Oct 2018 22:46
 Operator : JU/SJ
 Sample : J5193-01 4X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-101118

Quant Time: Oct 13 00:02:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	85441	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	362158	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	155688	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	254738	20.00	ng	0.00
75) Chrysene-d12	13.83	240	203753	20.00	ng	0.00
86) Perylene-d12	15.23	264	160198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	101293	21.04	ng	-0.01
7) Phenol-d6	6.34	99	158272	24.61	ng	-0.02
23) Nitrobenzene-d5	7.26	82	98786	15.04	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	30483	17.97	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	209998	18.58	ng	-0.01
78) Terphenyl-d14	12.77	244	152997	14.54	ng	-0.01

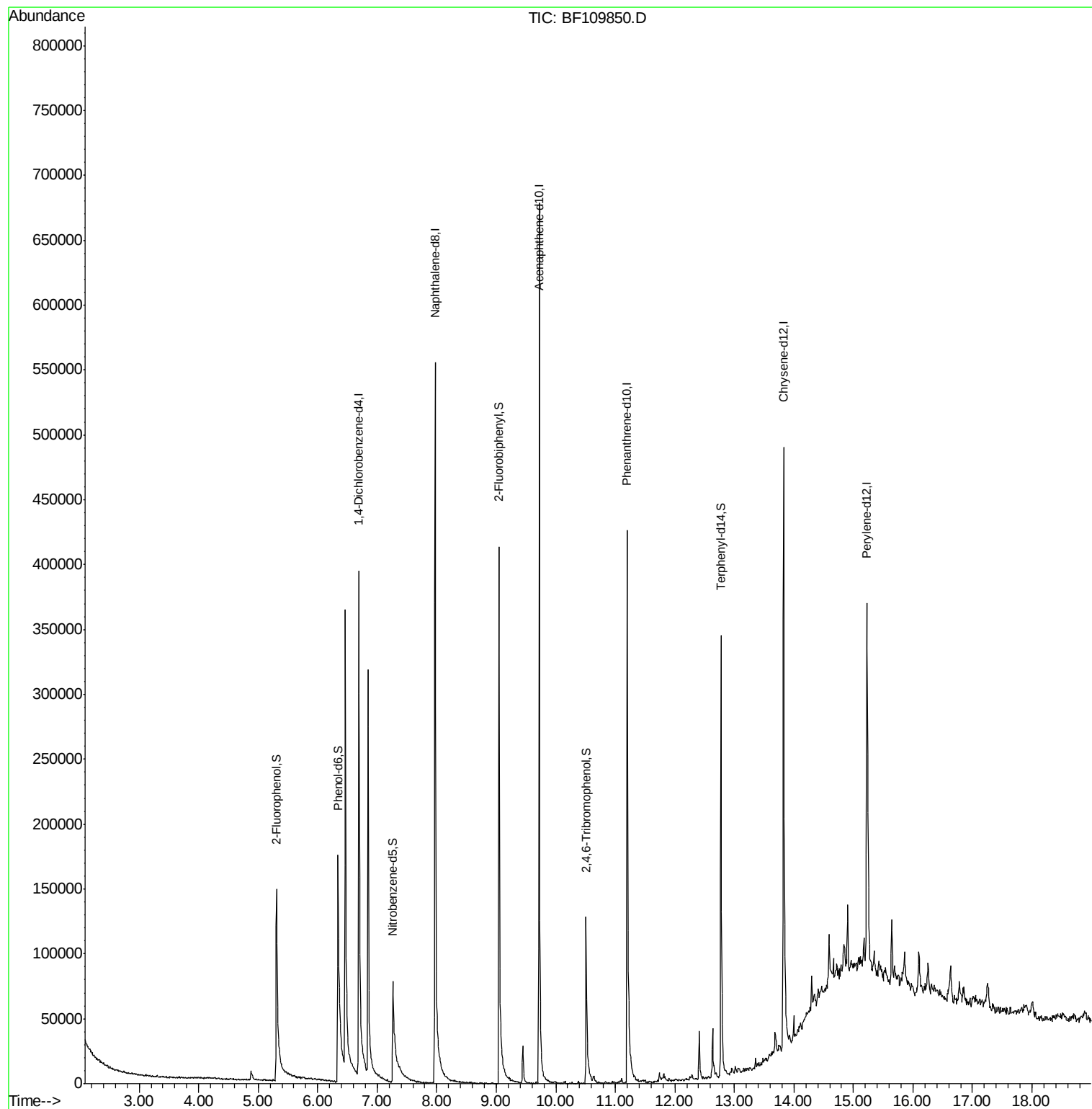
Target Compounds Qvalue

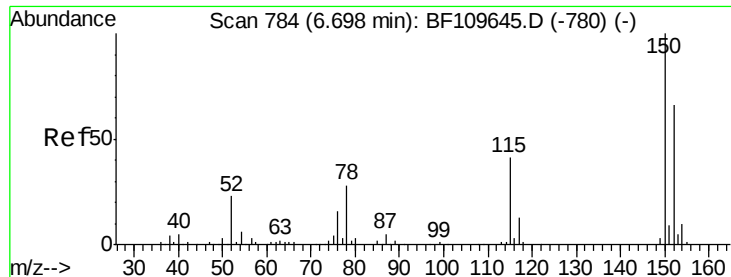
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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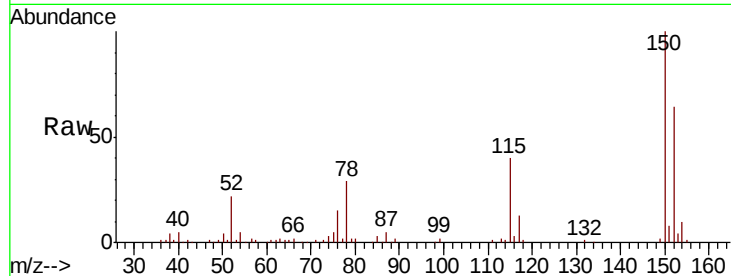


#1

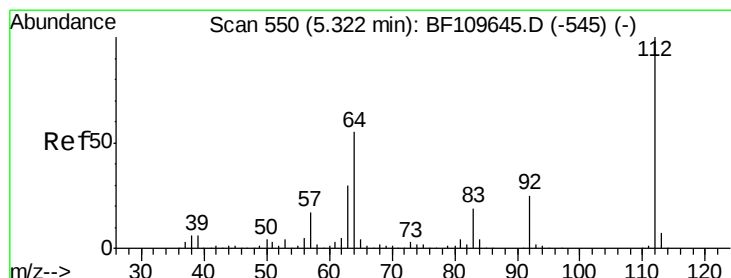
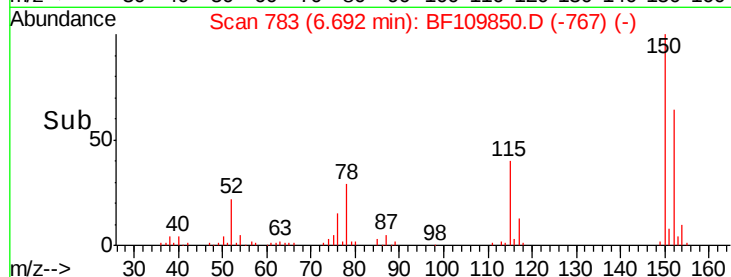
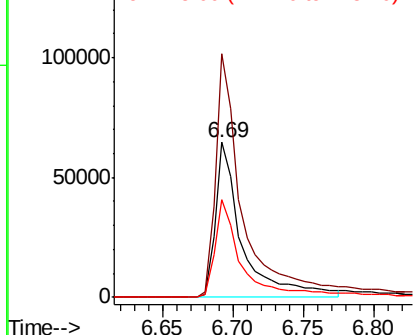
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109850.D
Acq: 12 Oct 2018 22:46

Instrument :
BNA_F
ClientSampleId :
BU-01-101118

Tot Ion:152 Resp: 85441
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 62.9 49.1 73.7



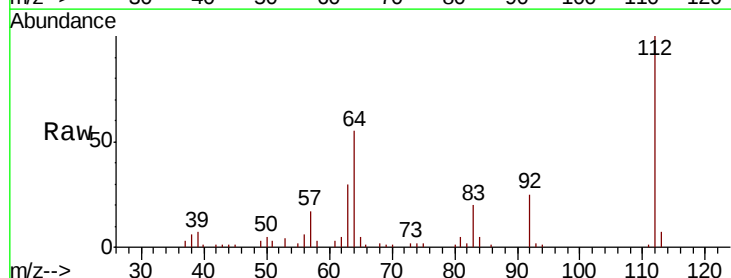
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



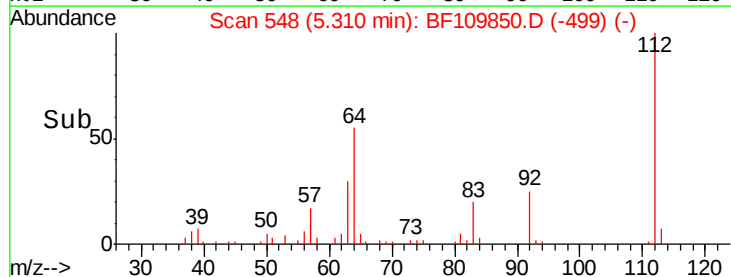
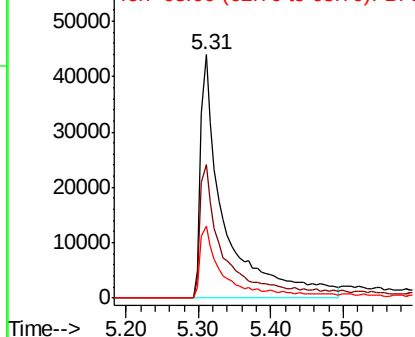
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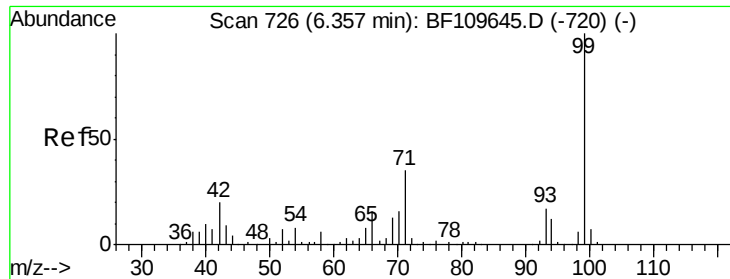
2-Fluorophenol
Concen: 21.044 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109850.D
Acq: 12 Oct 2018 22:46

Tgt Ion:112 Resp: 101293
Ion Ratio Lower Upper
112 100
64 54.8 44.1 66.1
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.614 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109850.D

Acq: 12 Oct 2018 22:46

Instrument :

BNA_F

ClientSampleId :

BU-01-101118

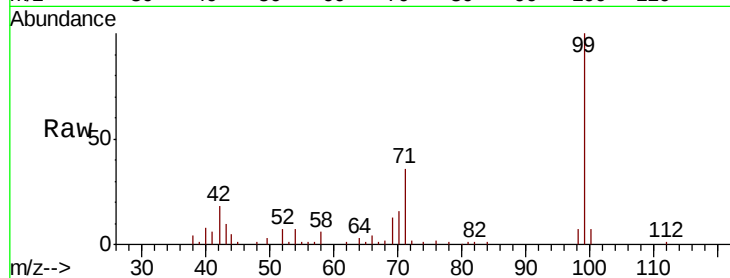
Tot Ion: 99 Resp: 158272

Ion Ratio Lower Upper

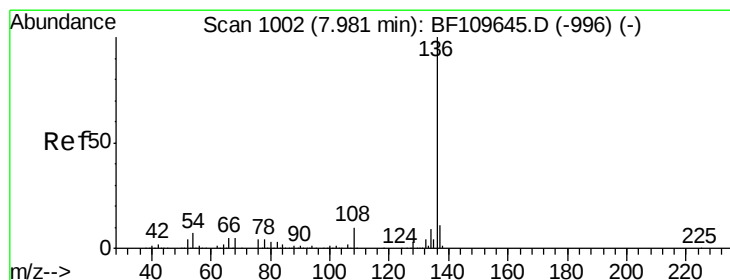
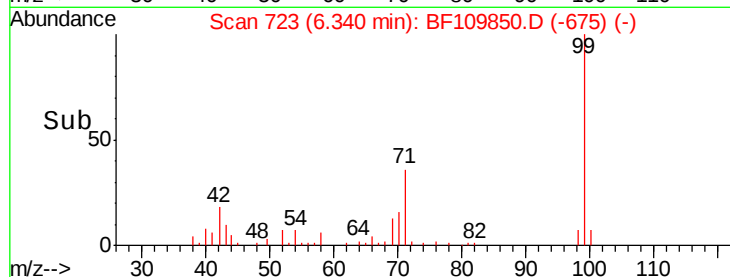
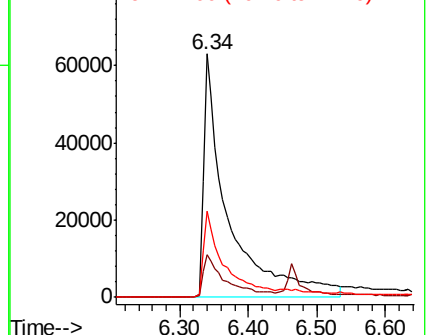
99 100

42 17.6 15.8 23.6

71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109850.D

Acq: 12 Oct 2018 22:46

Tgt Ion: 136 Resp: 362158

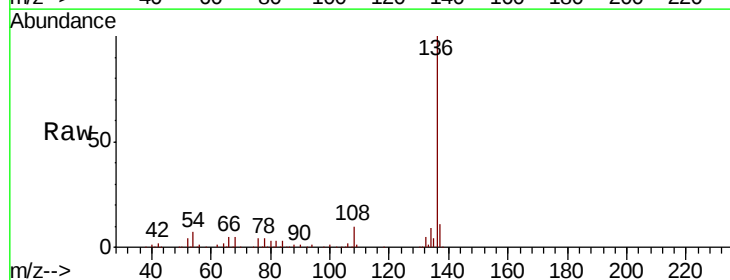
Ion Ratio Lower Upper

136 100

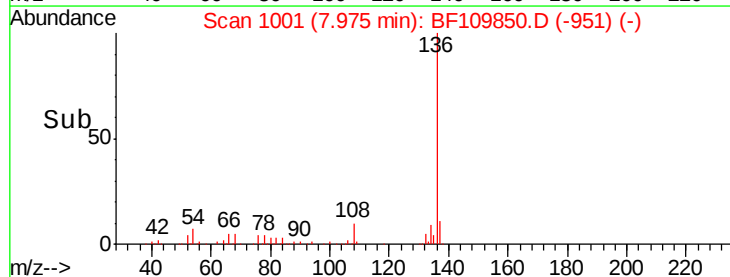
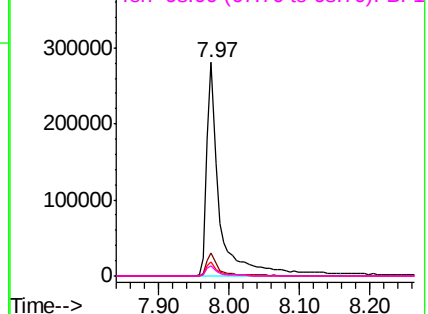
137 10.9 8.8 13.2

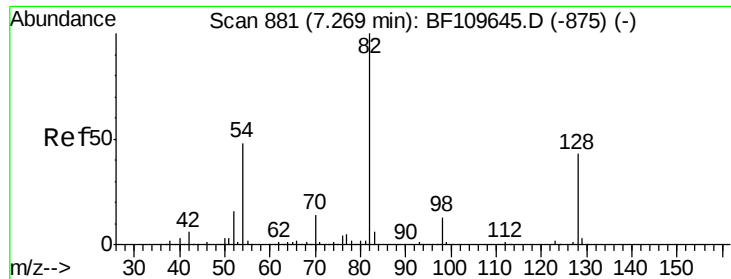
54 6.7 5.4 8.2

68 5.0 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

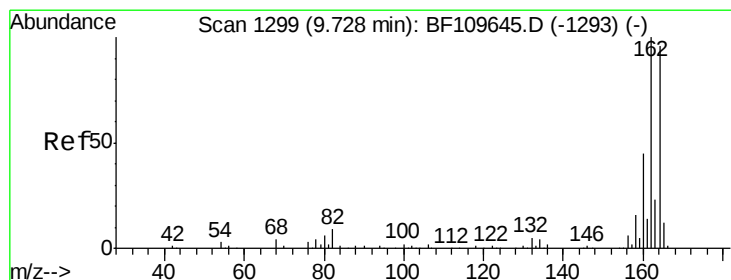
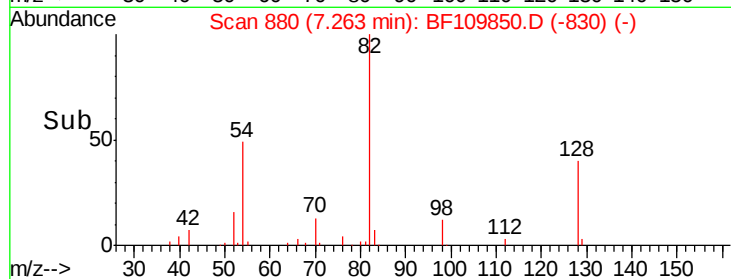
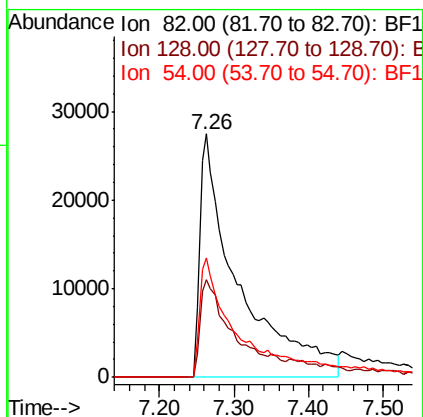
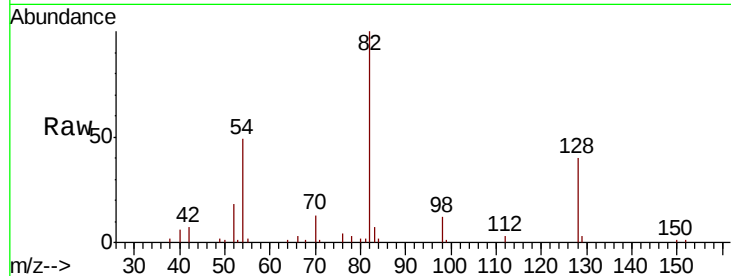




#23
 Nitrobenzene-d5
 Concen: 15.036 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109850.D
 Acq: 12 Oct 2018 22:46

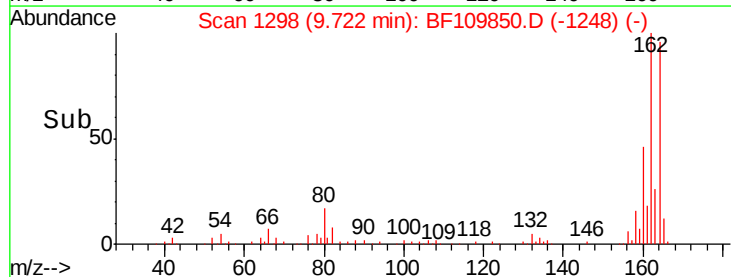
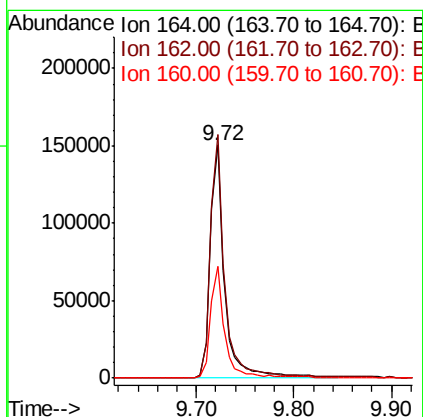
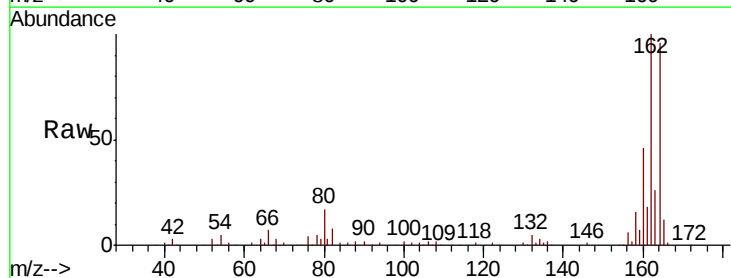
Instrument :
 BNA_F
 ClientSampleId :
 BU-01-101118

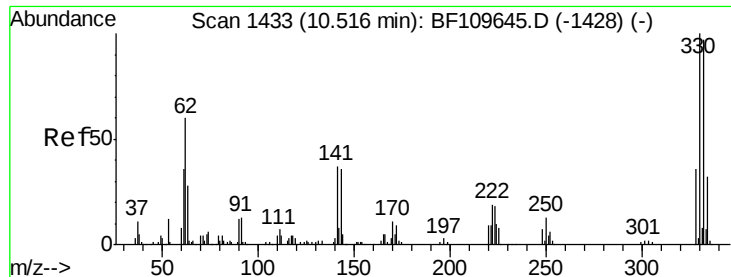
Tot Ion: 82 Resp: 98786
 Ion Ratio Lower Upper
 82 100
 128 40.3 34.2 51.2
 54 49.1 38.6 58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109850.D
 Acq: 12 Oct 2018 22:46

Tgt Ion:164 Resp: 155688
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.0 124.6
 160 47.9 37.0 55.6

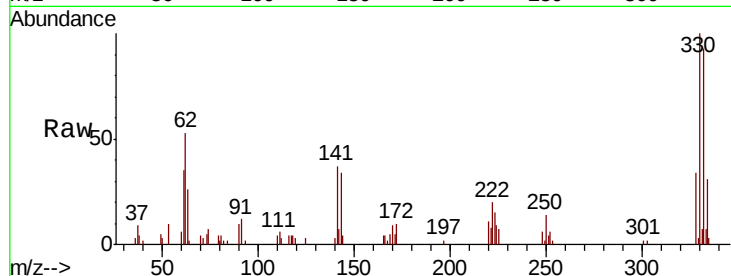




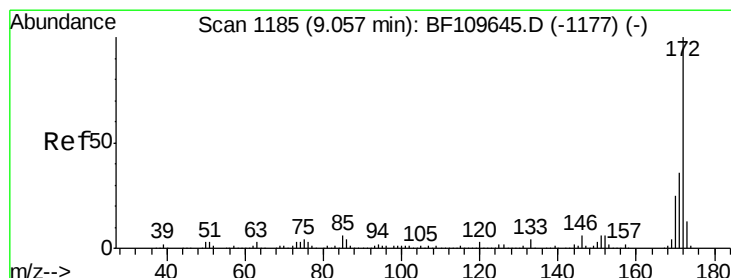
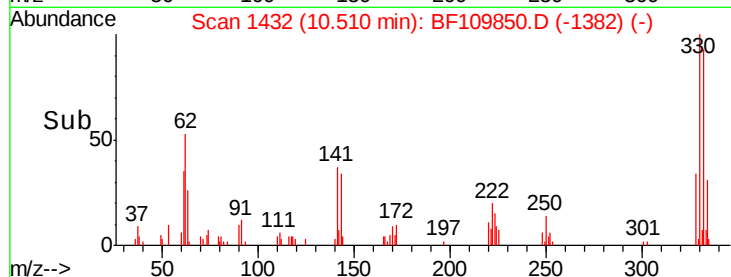
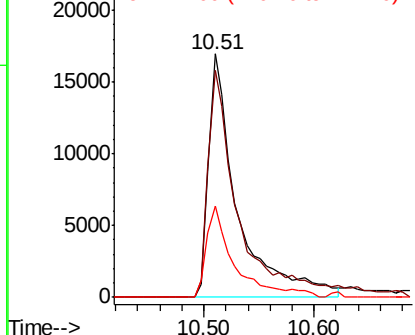
#41
 2,4,6-Tribromophenol
 Concen: 17.969 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109850.D
 Acq: 12 Oct 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-101118

Tot Ion:330 Resp: 30483
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.1 115.7
 141 36.1 27.0 40.4

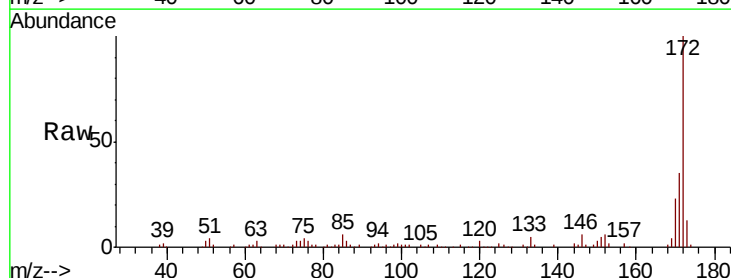


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

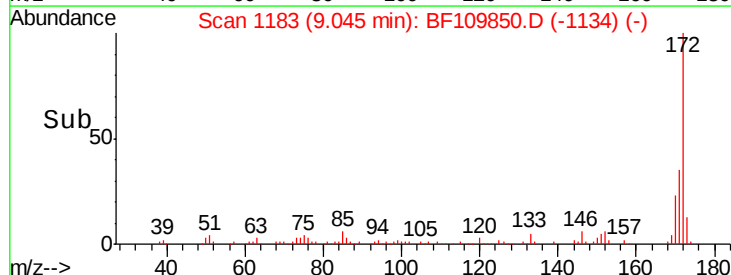
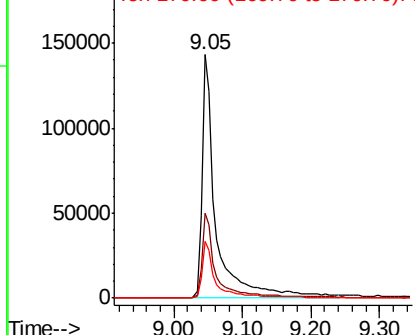


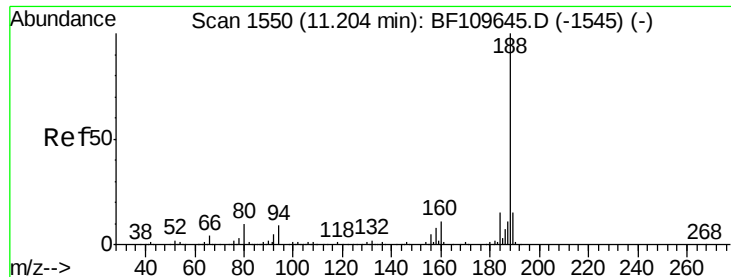
#44
 2-Fluorobiphenyl
 Concen: 18.577 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF109850.D
 Acq: 12 Oct 2018 22:46

Tgt Ion:172 Resp: 209998
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

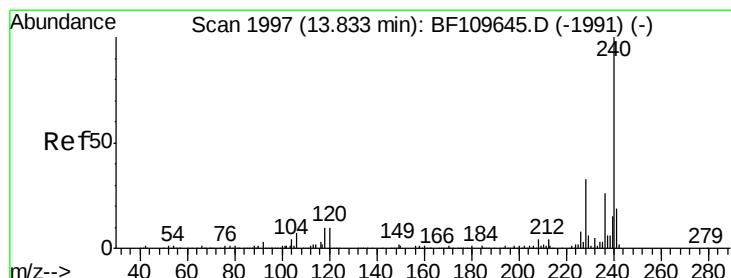
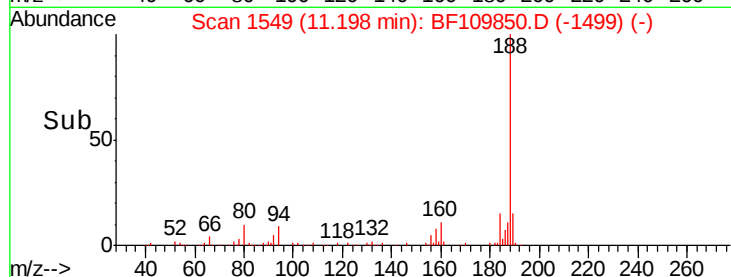
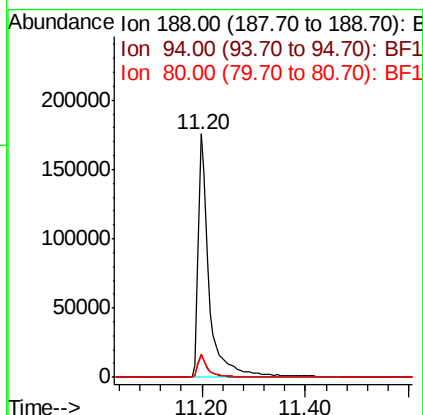
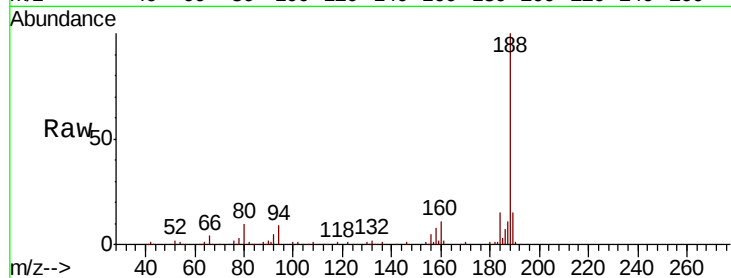




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109850.D
Acq: 12 Oct 2018 22:46

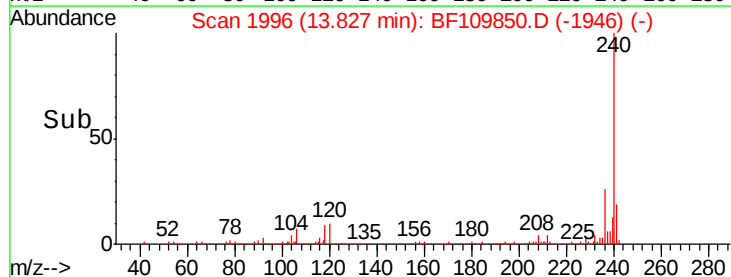
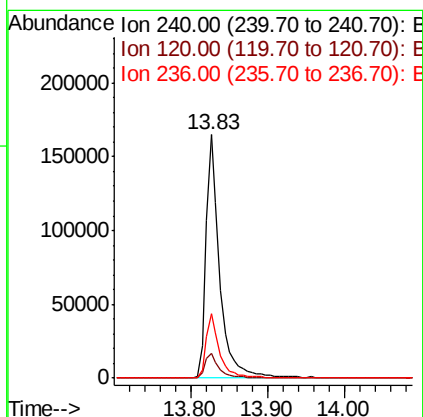
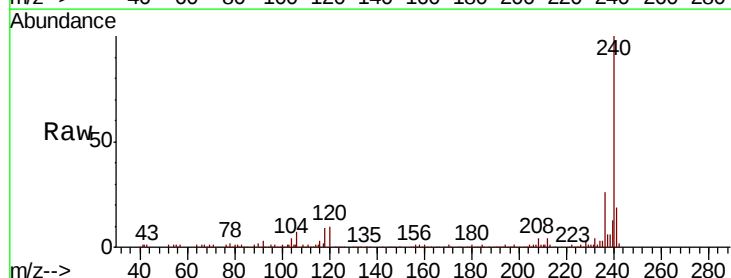
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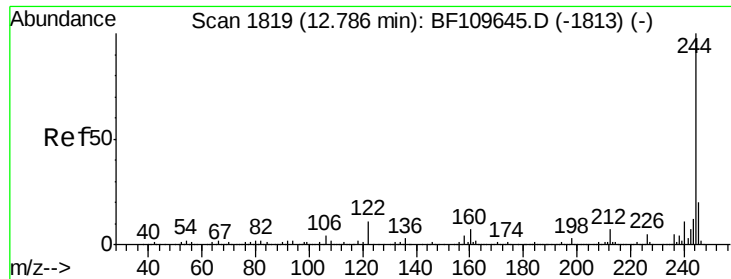
Tot Ion:188 Resp: 254738
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.5 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109850.D
Acq: 12 Oct 2018 22:46

Tgt Ion:240 Resp: 203753
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 14.536 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF109850.D

Acq: 12 Oct 2018 22:46

Instrument :

BNA_F

ClientSampleId :

BU-01-101118

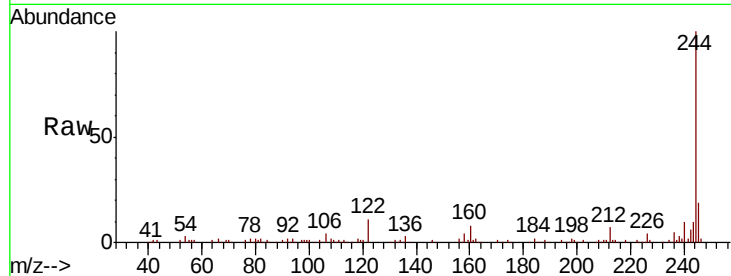
Tot Ion:244 Resp: 152997

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

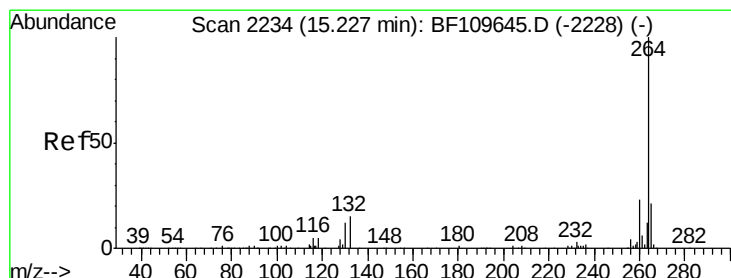
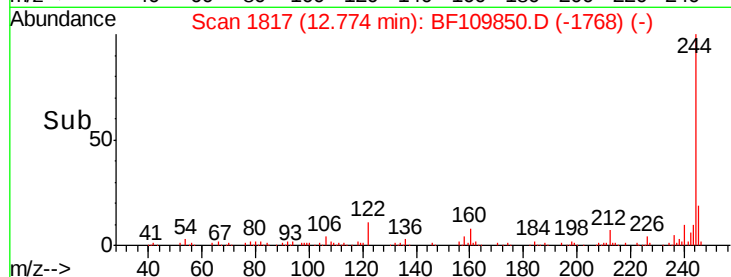
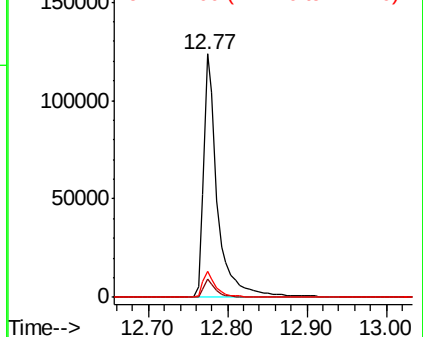
122 10.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109850.D

Acq: 12 Oct 2018 22:46

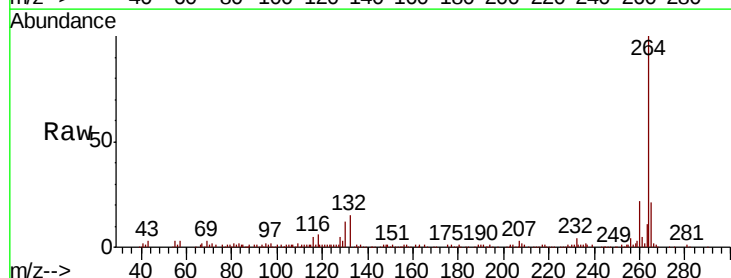
Tgt Ion:264 Resp: 160198

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 21.3 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

