

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109870.D
 Acq On : 13 Oct 2018 8:14
 Operator : JU/SJ
 Sample : J5444-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-U-B

Quant Time: Oct 15 01:44:01 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	101024	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	387803	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	159514	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	250025	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204666	20.00	ng	0.00
86) Perylene-d12	15.23	264	156700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	250039	43.93	ng	-0.01
7) Phenol-d6	6.34	99	215980	28.41	ng	-0.02
23) Nitrobenzene-d5	7.26	82	792392	112.63	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	148091	85.20	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1321551	114.10	ng	0.00
78) Terphenyl-d14	12.78	244	856557	81.02	ng	0.00

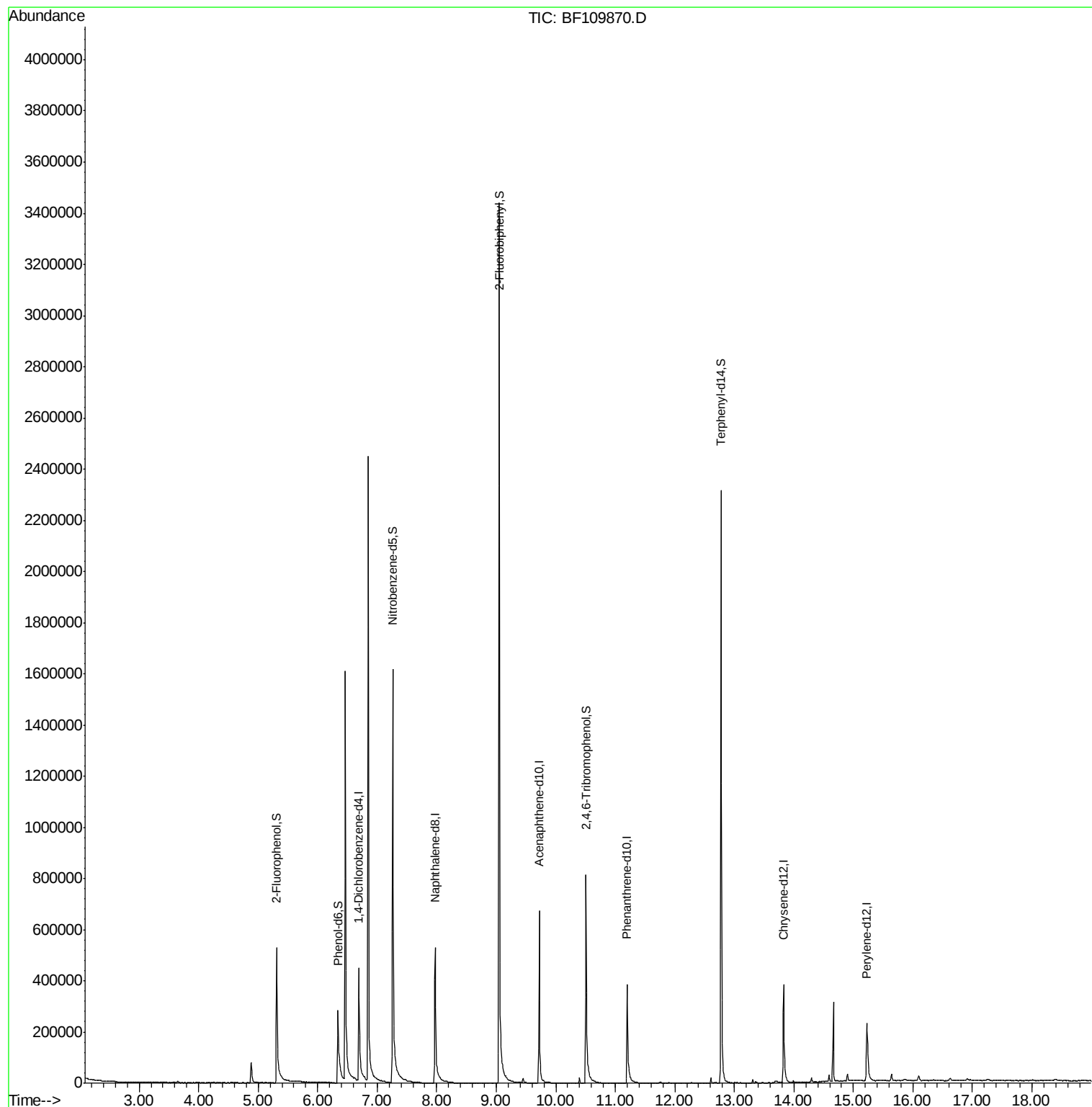
Target Compounds Qvalue

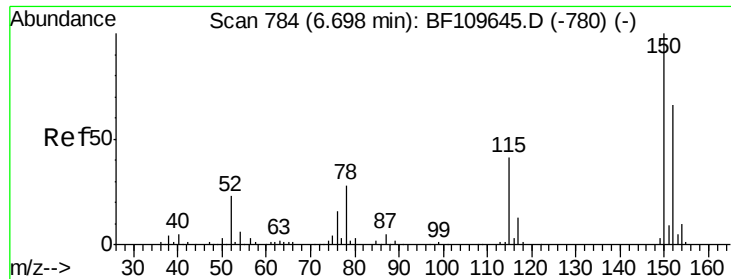
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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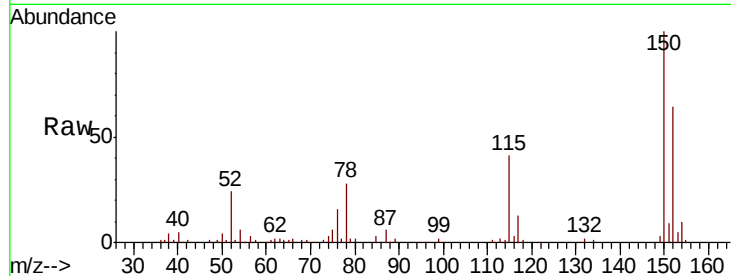


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109870.D
 Acq: 13 Oct 2018 8:14

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	63.8	49.1	73.7

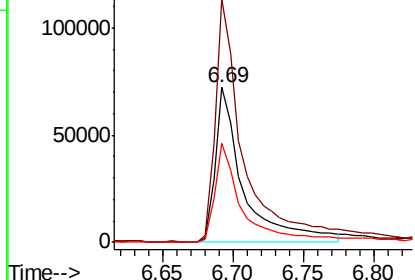
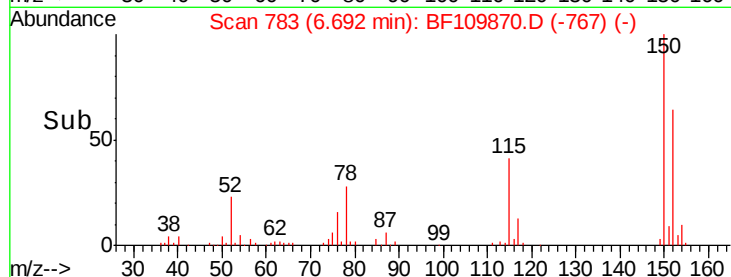


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

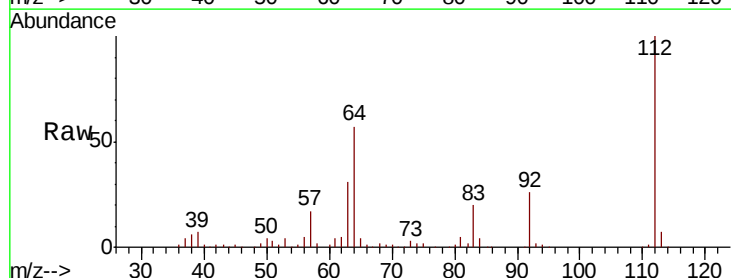
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 43.933 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109870.D
 Acq: 13 Oct 2018 8:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.1	66.1
63	31.0	23.7	35.5

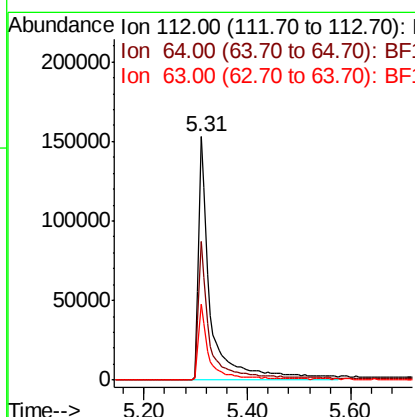
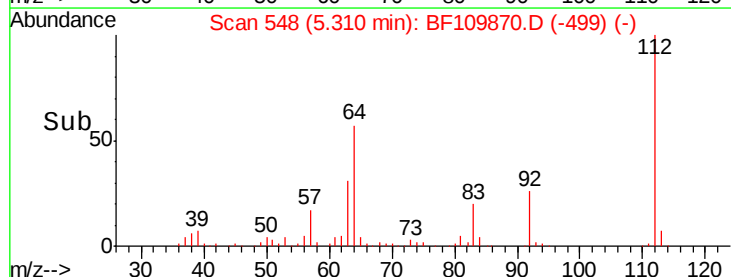


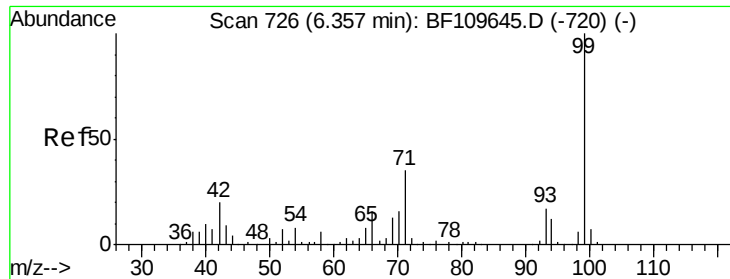
Abundance

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: 28.407 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109870.D

Acq: 13 Oct 2018 8:14

Instrument :

BNA_F

ClientSampleId :

101018-TIPC-F-U-B

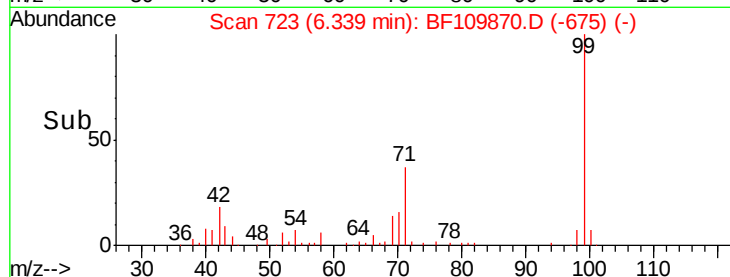
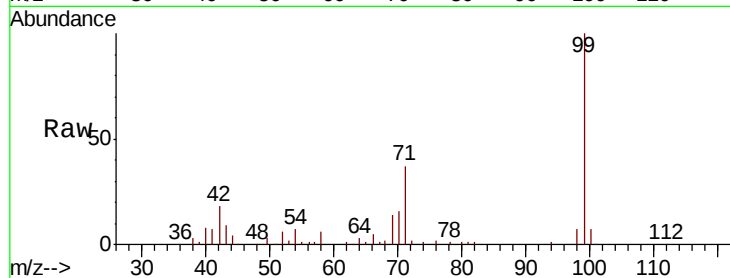
Tot Ion: 99 Resp: 215980

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

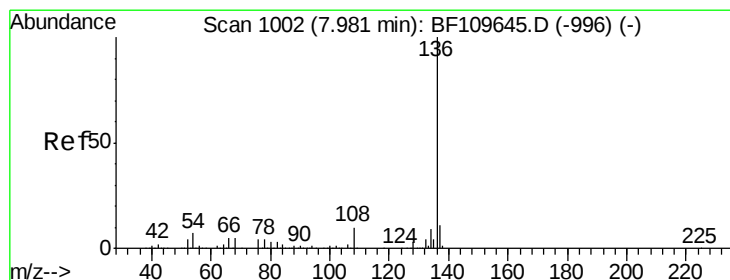
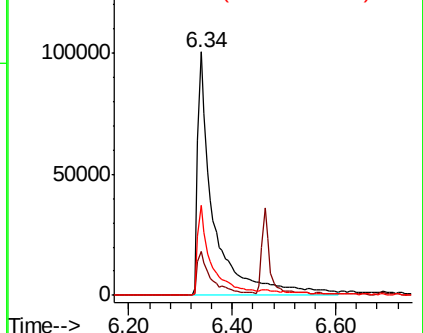
71 36.7 28.0 42.0



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: BF109870.D

Acq: 13 Oct 2018 8:14

Tgt Ion: 136 Resp: 387803

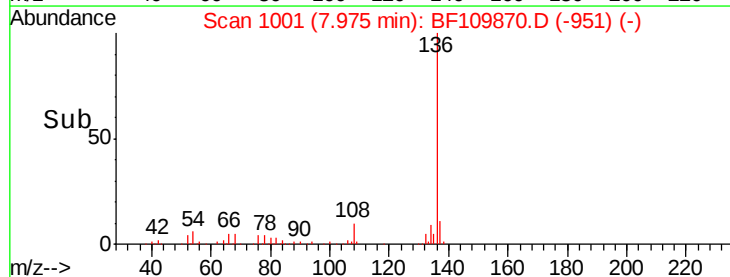
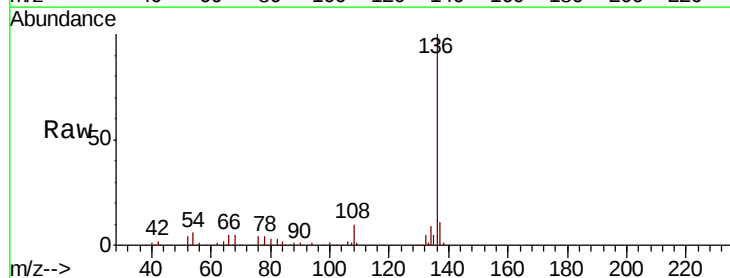
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.3 5.4 8.2

68 4.7 4.2 6.2

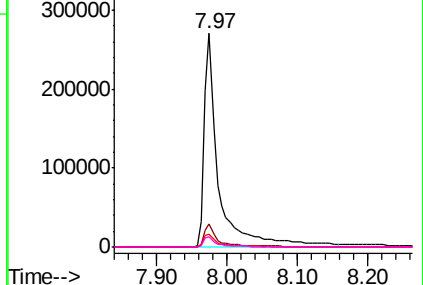


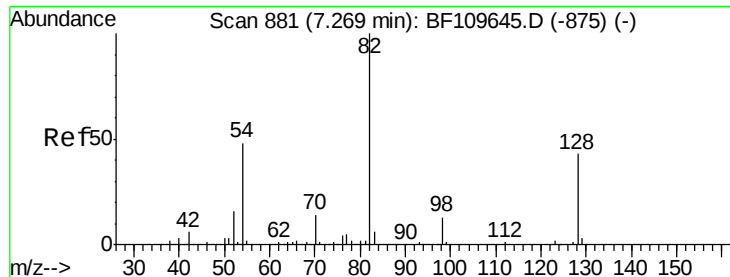
Abundance Ion 136.00 (135.70 to 136.70): E

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

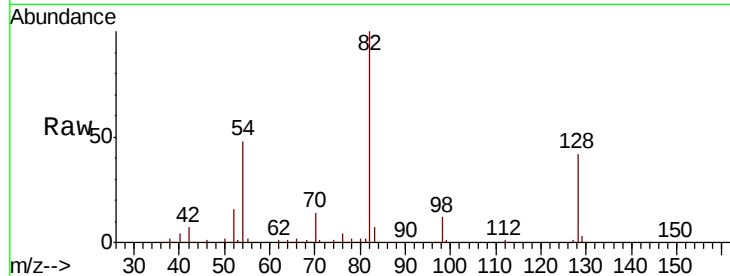




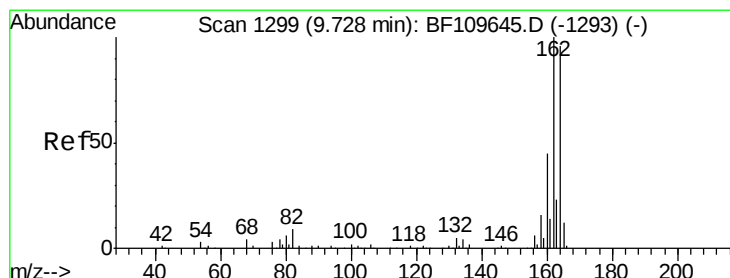
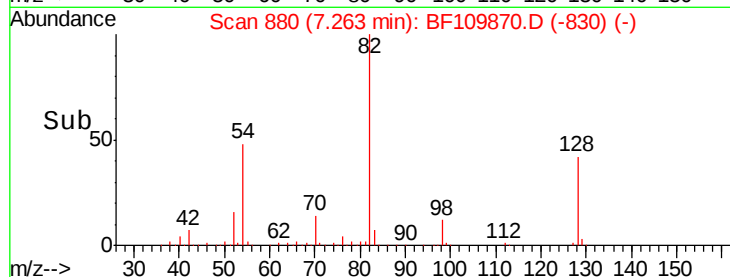
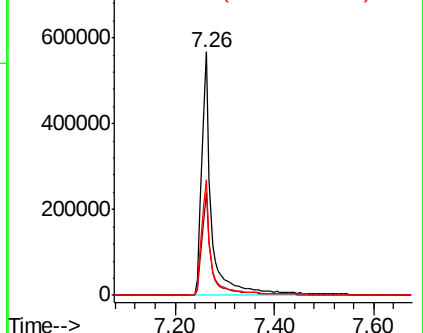
#23
 Nitrobenzene-d5
 Concen: 112.633 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109870.D
 Acq: 13 Oct 2018 8:14

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-U-B

Tot Ion	82	Resp	792392
Ion Ratio	Lower	Upper	
82	100		
128	42.4	34.2	51.2
54	47.7	38.6	58.0

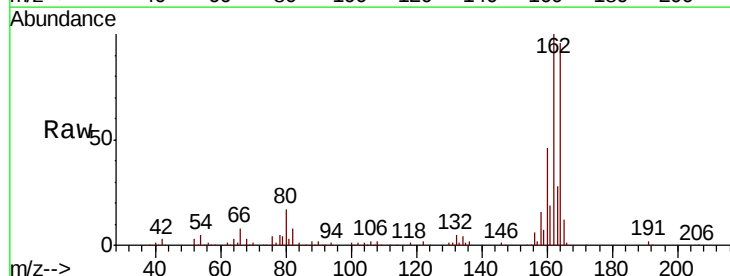


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

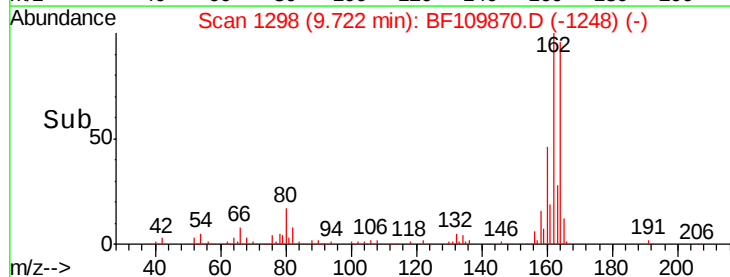
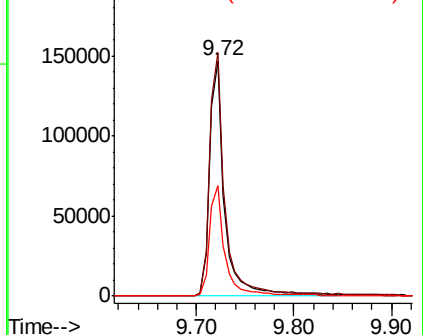


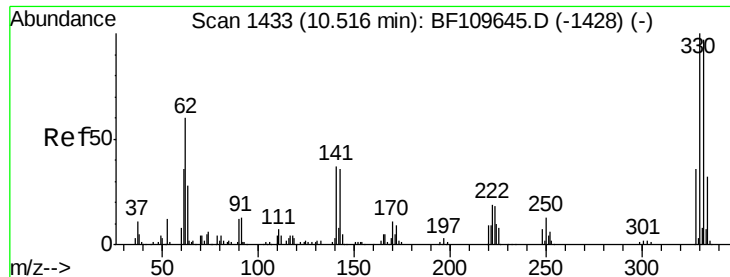
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109870.D
 Acq: 13 Oct 2018 8:14

Tgt Ion	164	Resp	159514
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.0	124.6
160	47.2	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

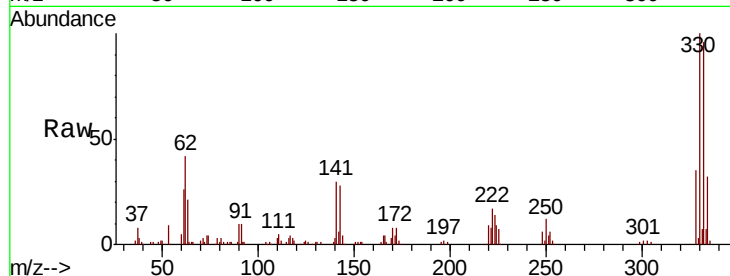




#41
 2,4,6-Tribromophenol
 Concen: 85.204 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109870.D
 Acq: 13 Oct 2018 8:14

Instrument :
 BNA_F
 ClientSampleId :
 101018-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	35.3	27.0	40.4

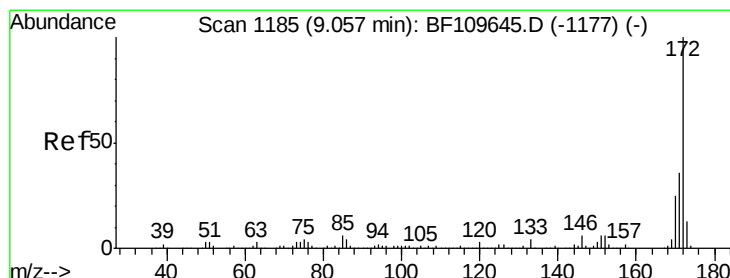
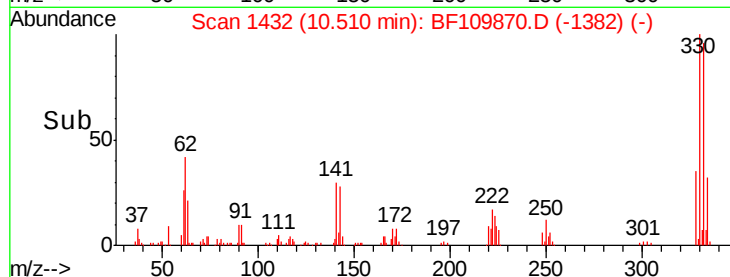
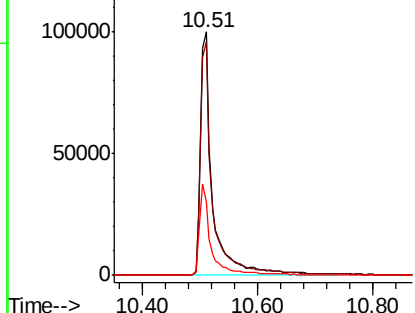


Abundance

Ion 329.80 (329.50 to 330.50): E

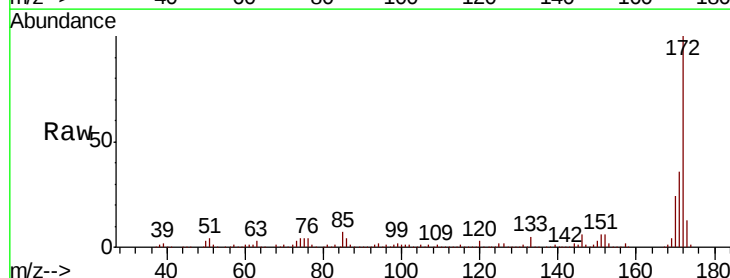
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 114.103 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109870.D
 Acq: 13 Oct 2018 8:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.7	29.5

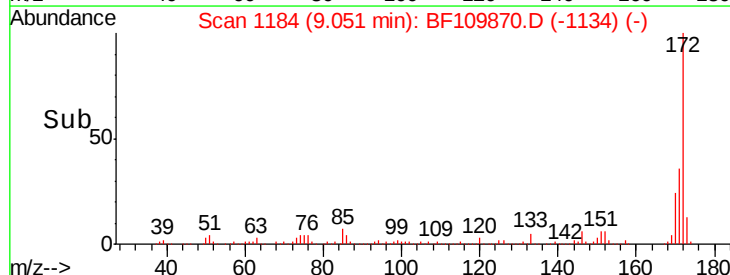
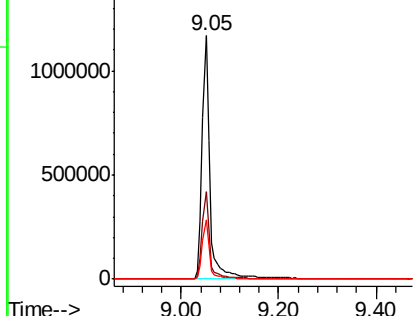


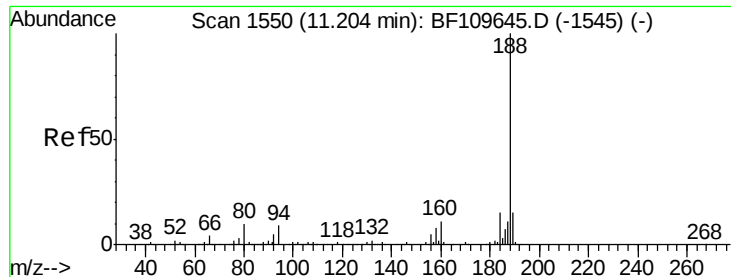
Abundance

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

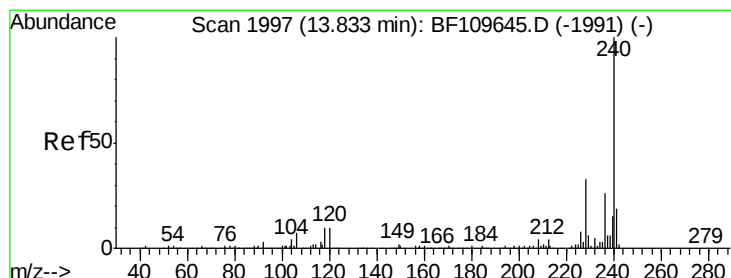
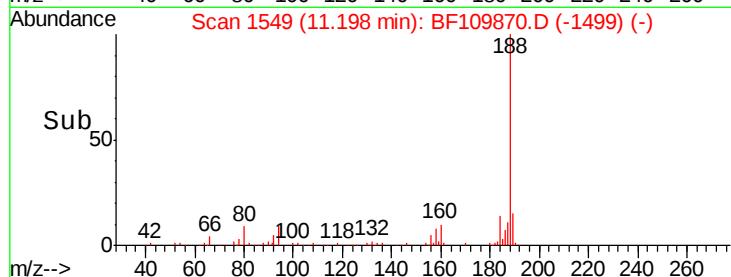
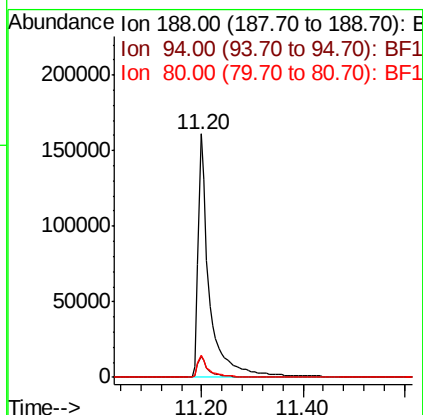
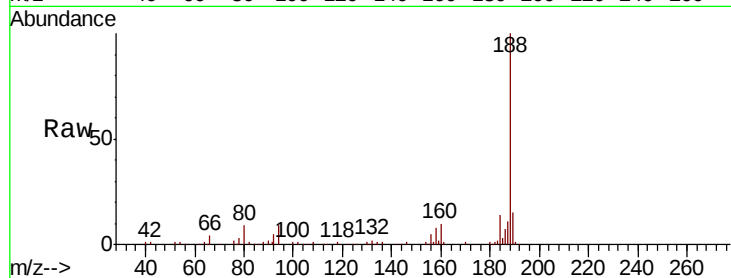




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109870.D
Acq: 13 Oct 2018 8:14

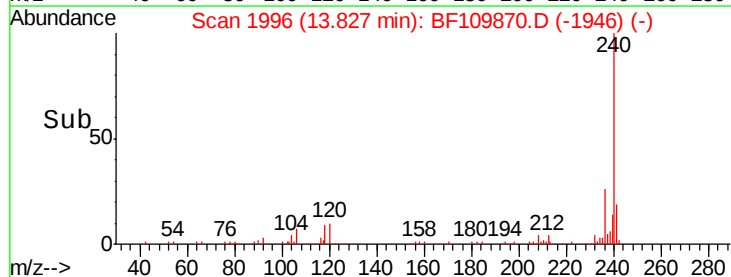
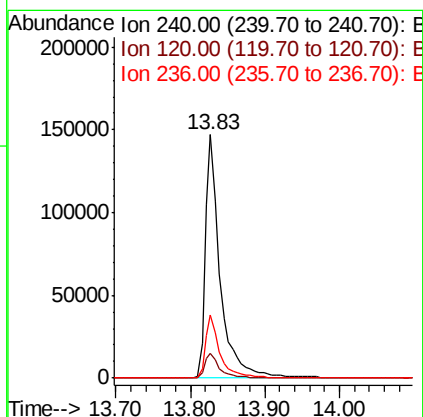
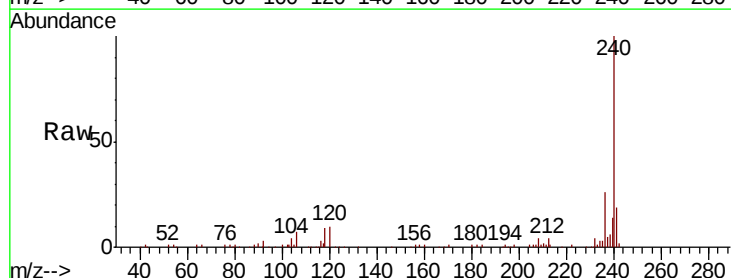
Instrument :
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101018-TIPC-F-U-B

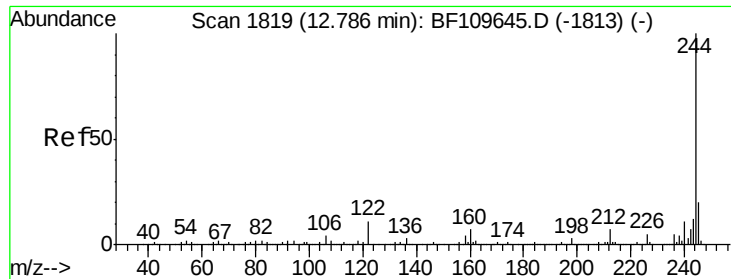
Tot Ion:188 Resp: 250025
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.4 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109870.D
Acq: 13 Oct 2018 8:14

Tgt Ion:240 Resp: 204666
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 81.018 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109870.D

Acq: 13 Oct 2018 8:14

Instrument :

BNA_F

ClientSampleId :

101018-TIPC-F-U-B

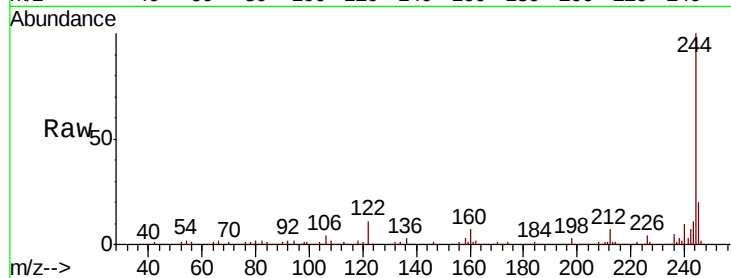
Tot Ion:244 Resp: 856557

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

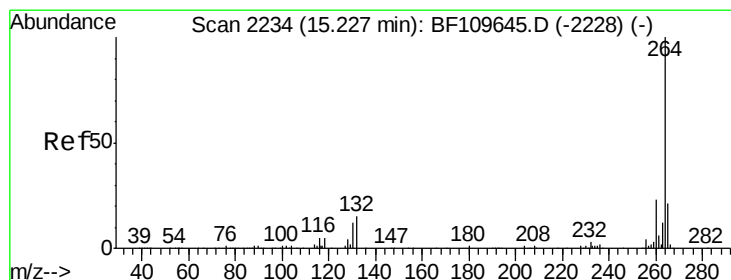
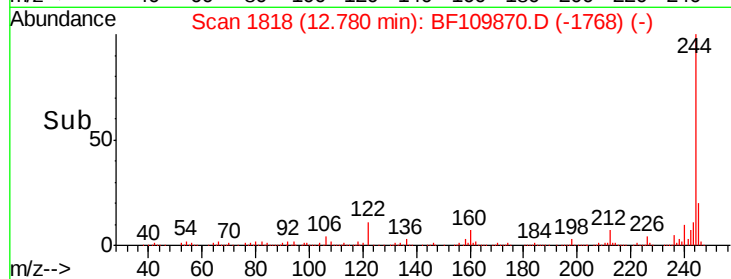
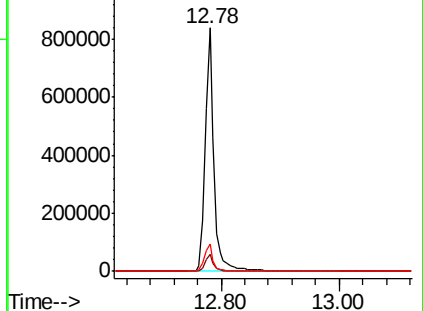
122 11.0 8.7 13.1



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: BF109870.D

Acq: 13 Oct 2018 8:14

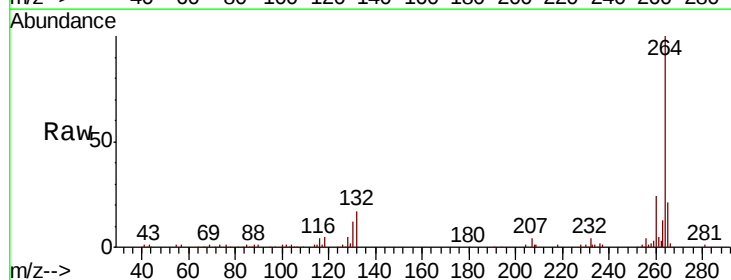
Tgt Ion:264 Resp: 156700

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.5 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

