

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083604.D
 Acq On : 8 Dec 2015 19:51
 Operator : UM/IZ
 Sample : PB86955TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86955TB

Quant Time: Dec 09 02:34:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	159862	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	628272	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	318776	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	611394	20.00	ng	0.00
75) Chrysene-d12	16.99	240	555066	20.00	ng	0.00
86) Perylene-d12	18.63	264	452748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	928799	88.12	ng	0.01
7) Phenol-d6	5.26	99	1239167	87.99	ng	-0.01
23) Nitrobenzene-d5	6.52	82	1111892	82.58	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	251734	88.64	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1828834	80.74	ng	-0.01
78) Terphenyl-d14	15.41	244	1812018	76.81	ng	0.00

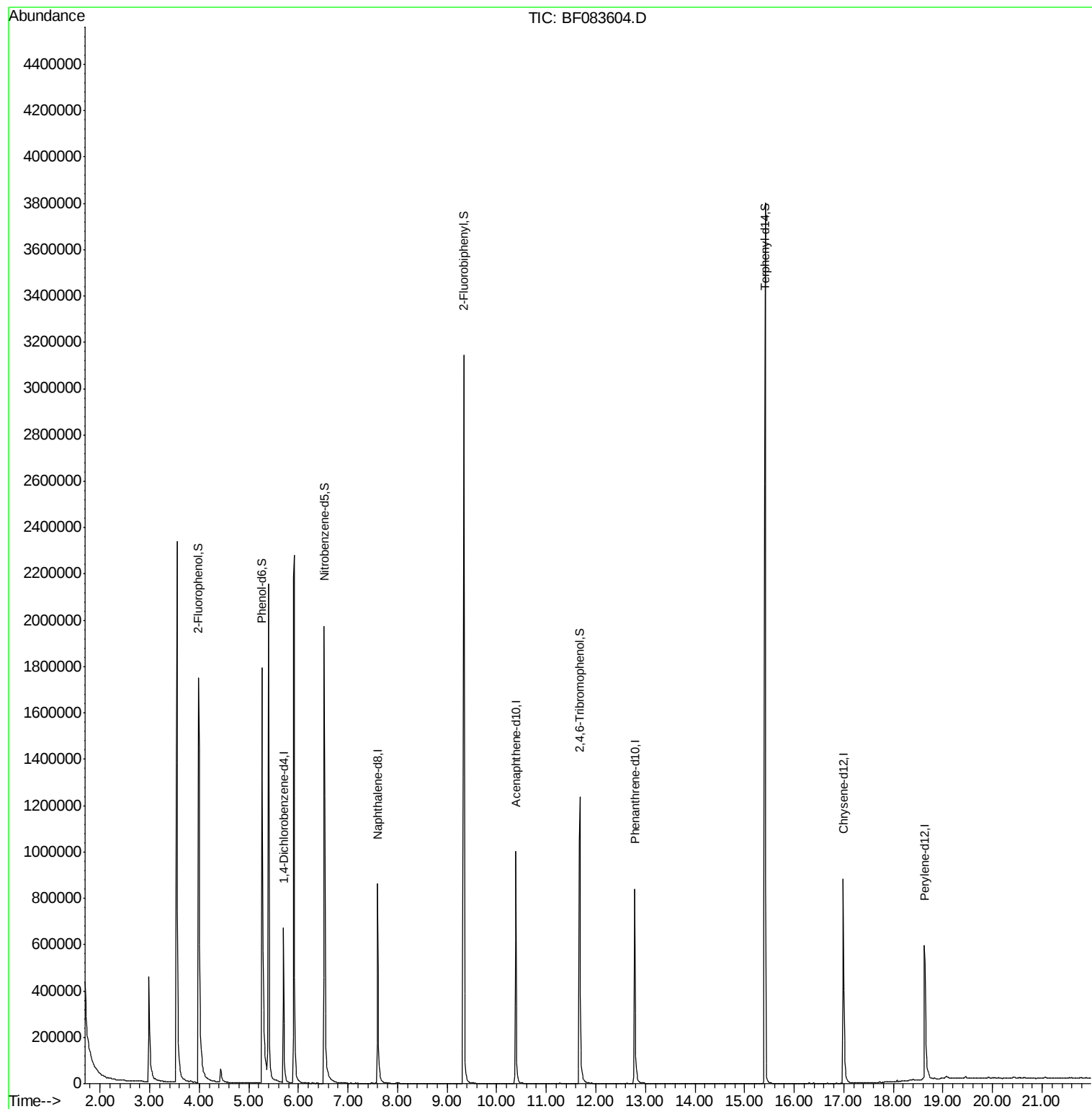
Target Compounds Qvalue

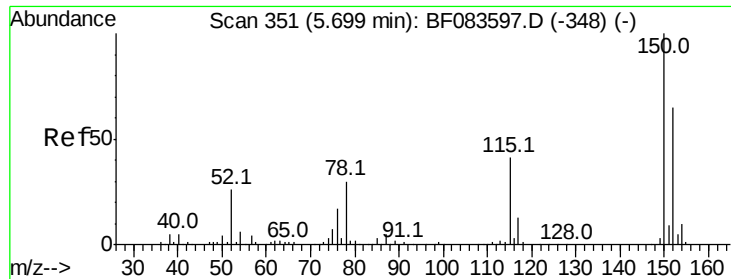
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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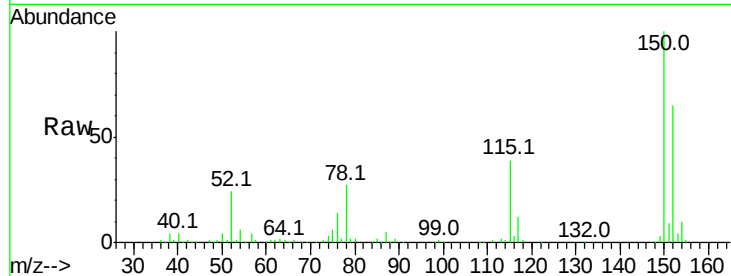




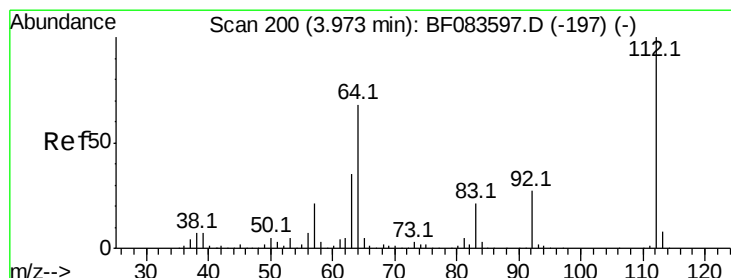
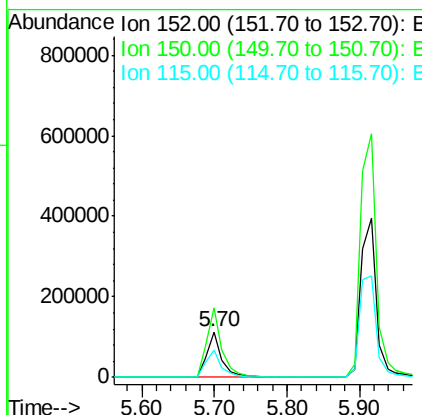
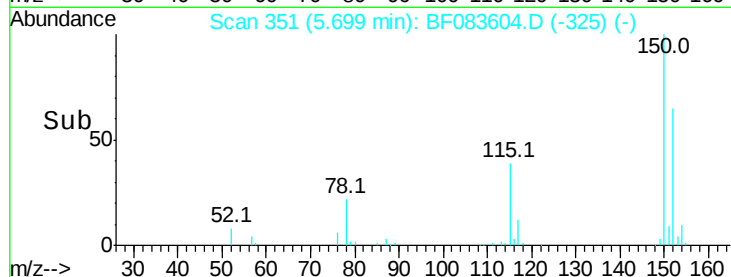
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.70 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: BF083604.D
 Acq: 8 Dec 2015 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB86955TB

Tot Ion:152 Resp: 159862
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.5 189.7
 115 60.3 52.3 78.5

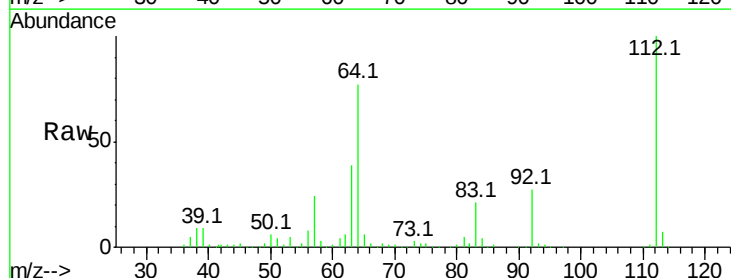


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

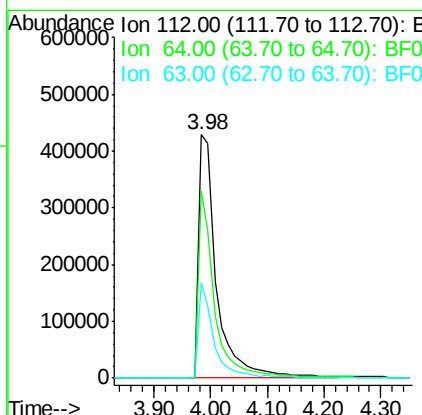
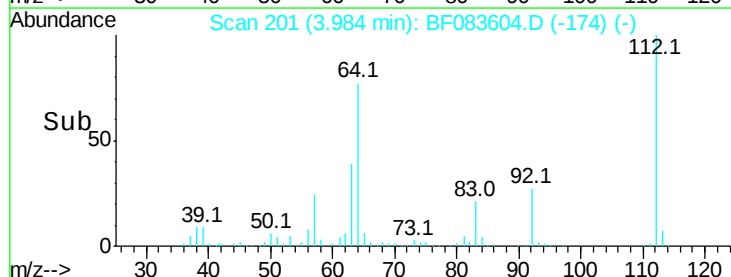


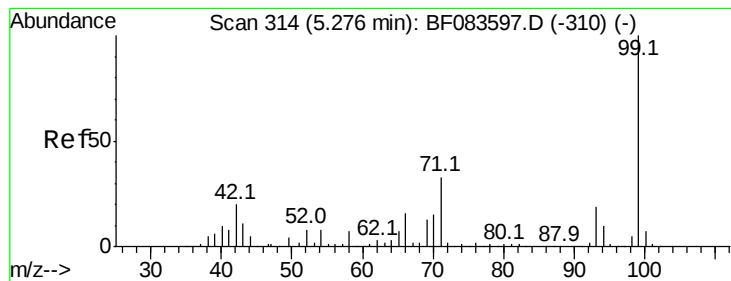
#5
 2-Fluorophenol
 Concen: 88.12 ng
 RT: 3.98 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: BF083604.D
 Acq: 8 Dec 2015 19:51

Tgt Ion:112 Resp: 928799
 Ion Ratio Lower Upper
 112 100
 64 76.9 50.5 75.7#
 63 39.0 25.8 38.6#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.99 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Instrument :

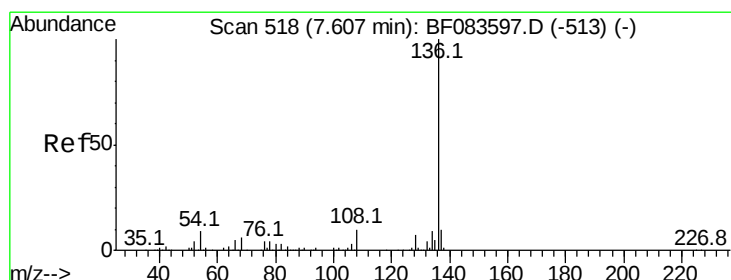
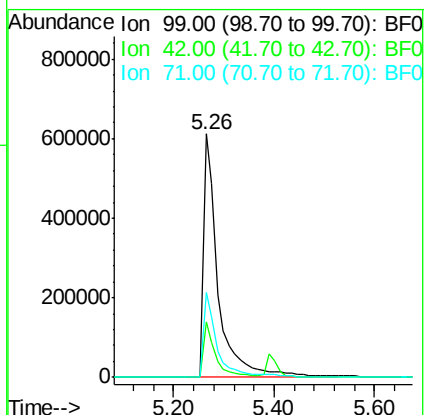
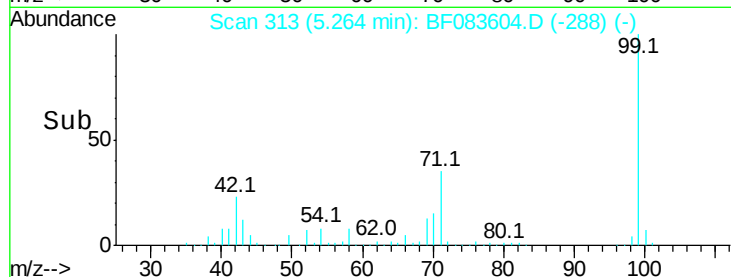
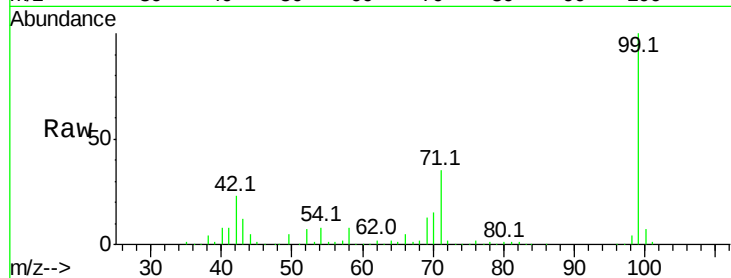
BNA_F

ClientSampleId :

PB86955TB

Tot Ion: 99 Resp: 1239167

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.3	25.9
71	34.7	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

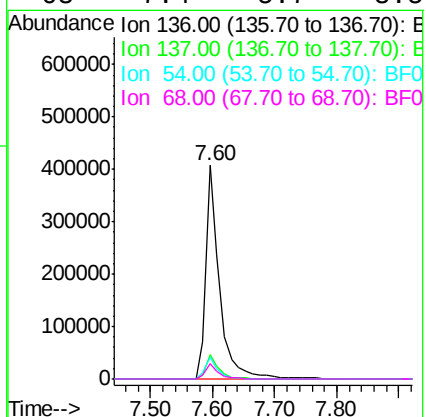
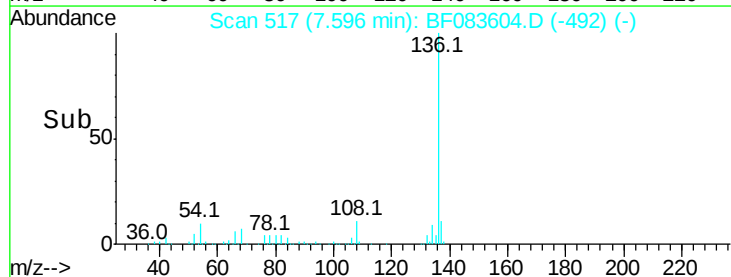
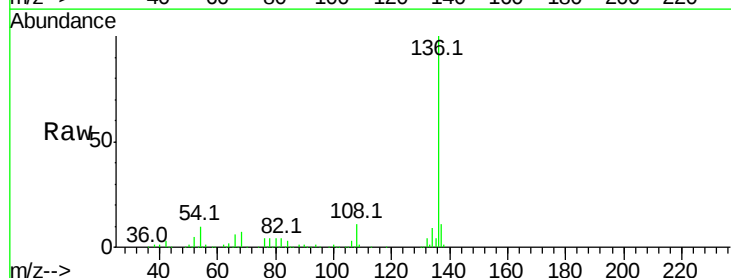
Delta R.T. -0.01 min

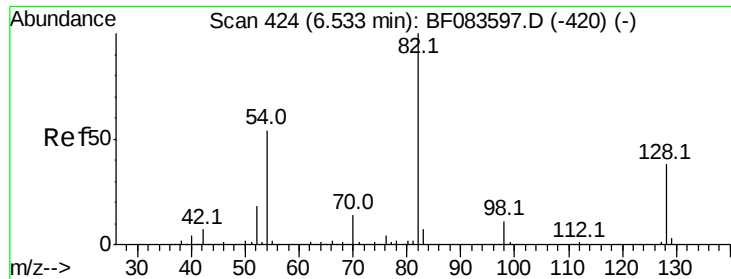
Lab File: BF083604.D

Acq: 8 Dec 2015 19:51

Tgt Ion: 136 Resp: 628272

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.2	7.8	11.6
68	7.4	5.7	8.5

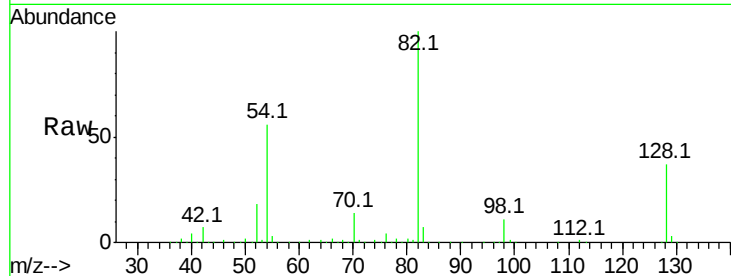




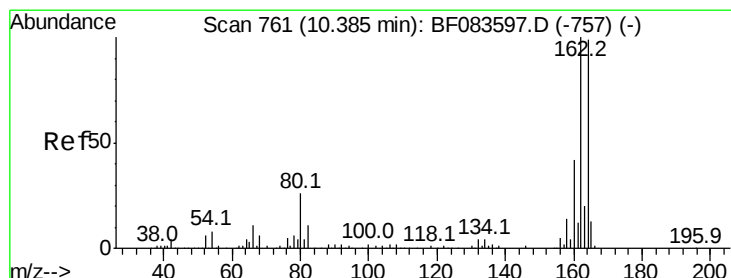
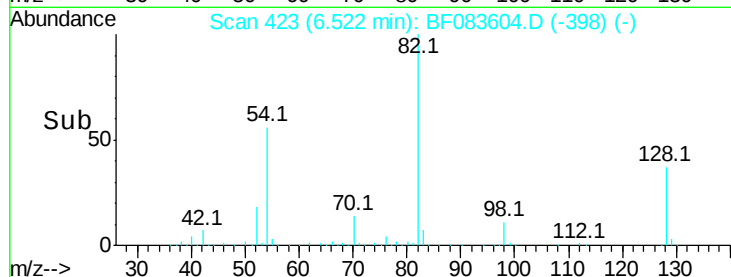
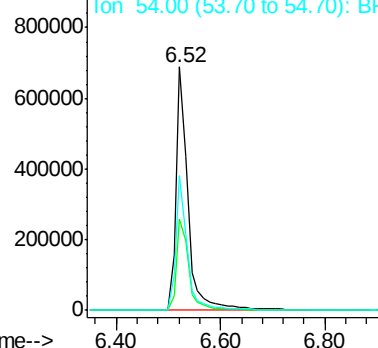
#23
Nitrobenzene-d5
Concen: 82.58 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Instrument :
BNA_F
ClientSampleId :
PB86955TB

Tot Ion: 82 Resp: 1111892
Ion Ratio Lower Upper
82 100
128 37.5 30.7 46.1
54 55.6 42.5 63.7

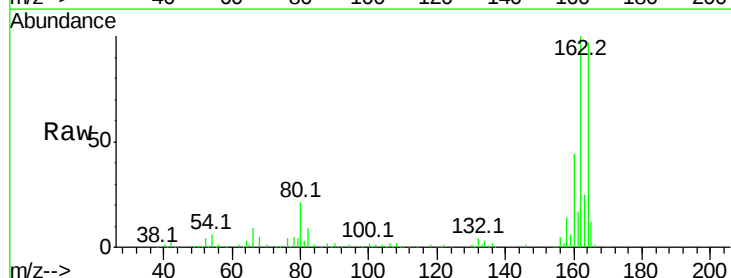


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

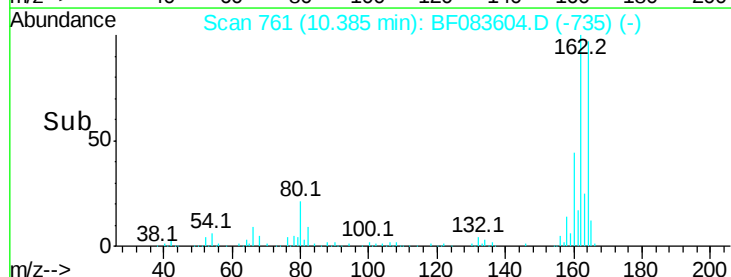
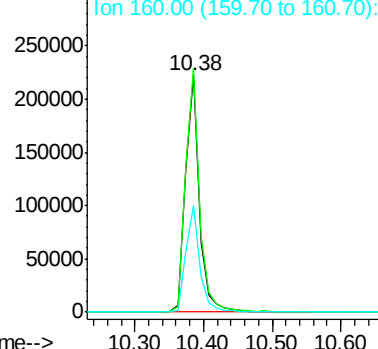


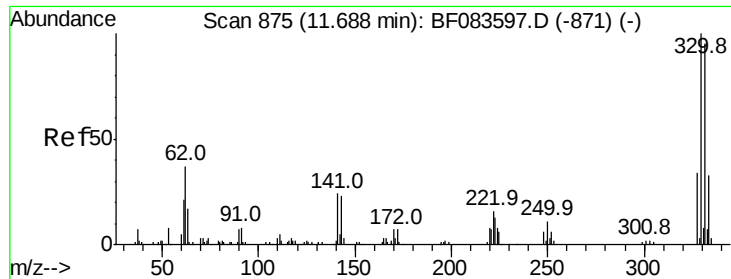
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion:164 Resp: 318776
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 44.9 33.4 50.2



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

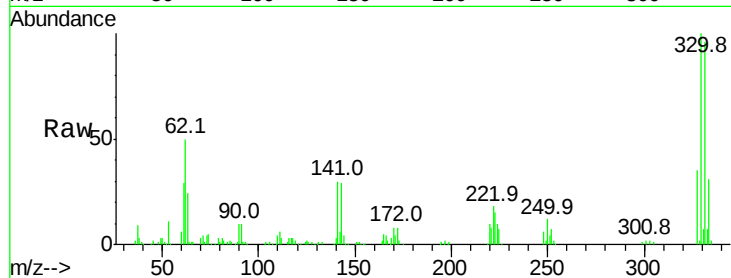




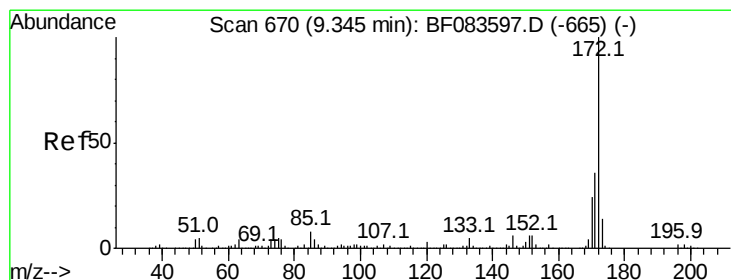
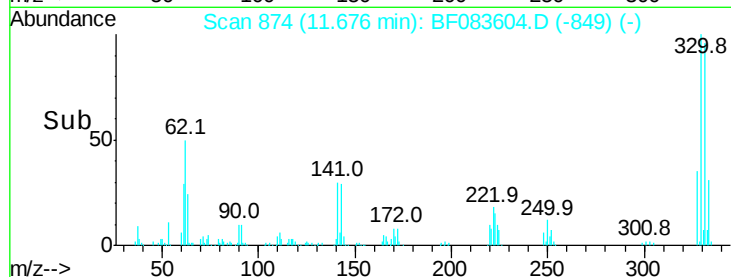
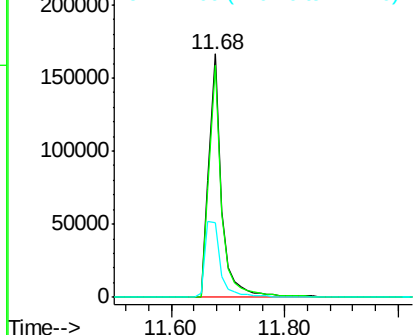
#41
 2,4,6-Tribromophenol
 Concen: 88.64 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083604.D
 Acq: 8 Dec 2015 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB86955TB

Tot Ion:330 Resp: 251734
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 37.4 0.0 0.0#

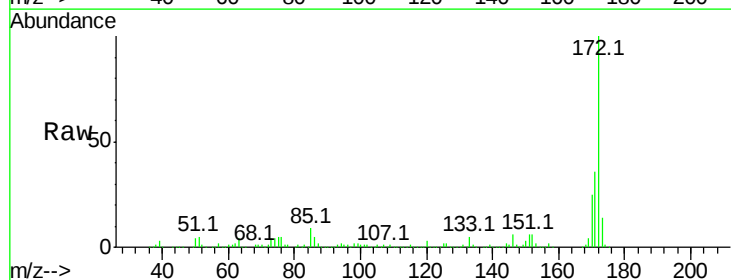


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

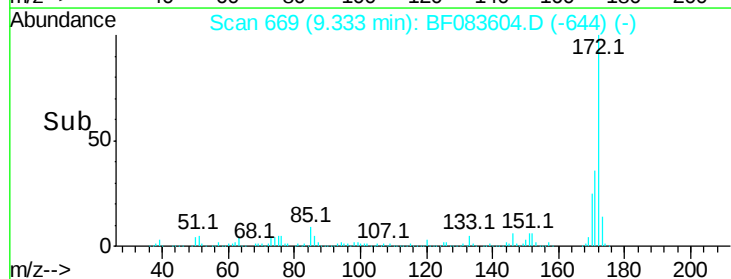
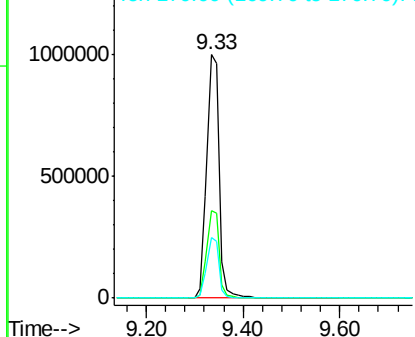


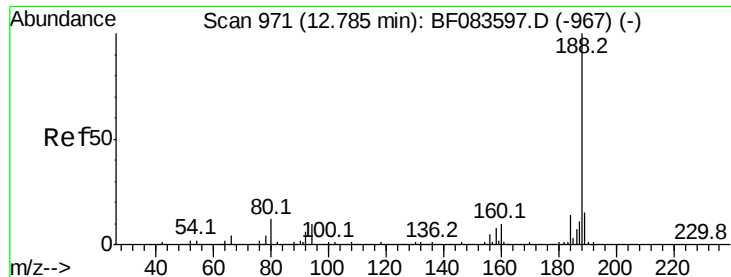
#44
 2-Fluorobiphenyl
 Concen: 80.74 ng
 RT: 9.33 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF083604.D
 Acq: 8 Dec 2015 19:51

Tgt Ion:172 Resp: 1828834
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 24.8 19.4 29.0



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

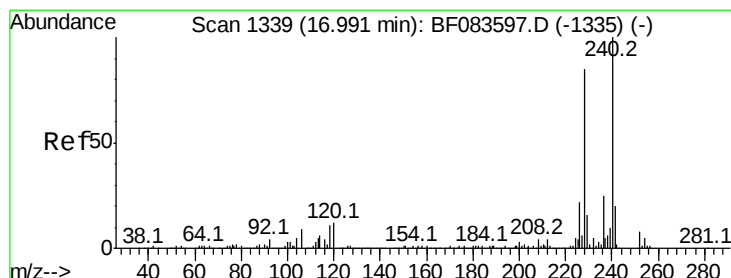
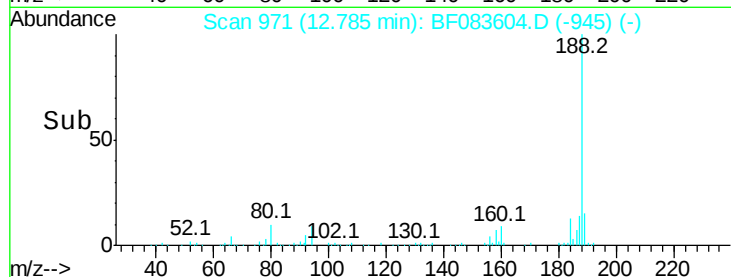
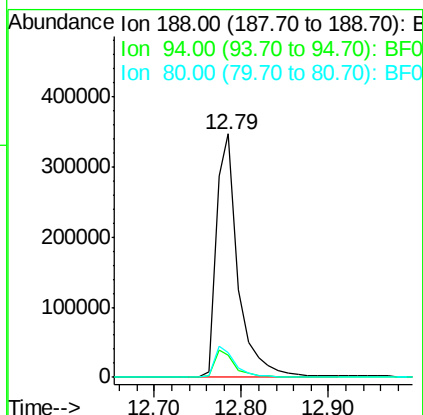
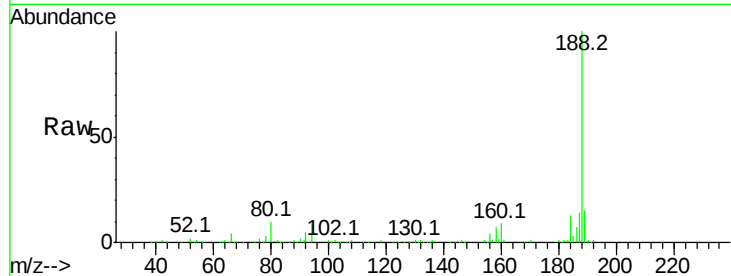




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

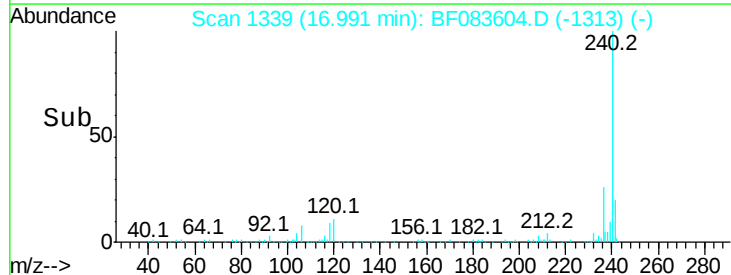
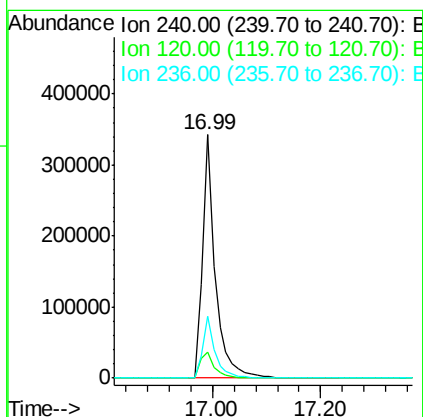
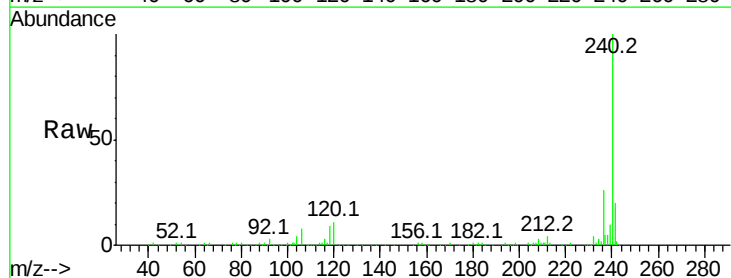
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PB86955TB

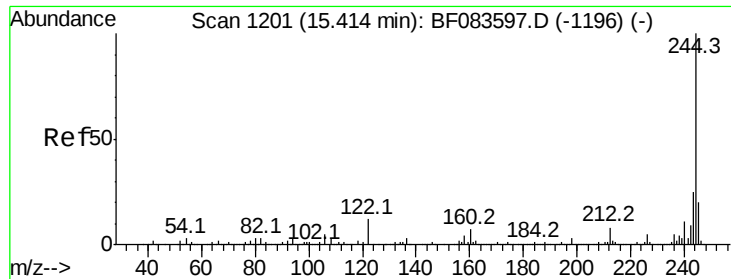
Tot Ion:188 Resp: 611394
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 10.3 10.6 16.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion:240 Resp: 555066
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 25.7 20.8 31.2

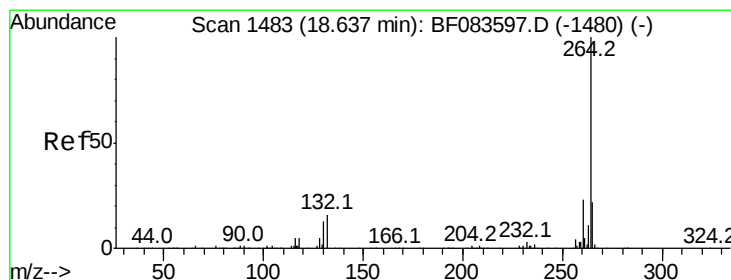
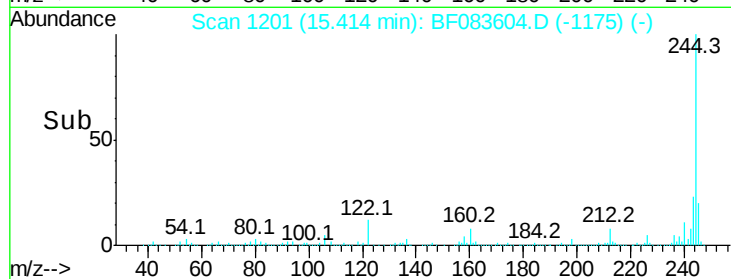
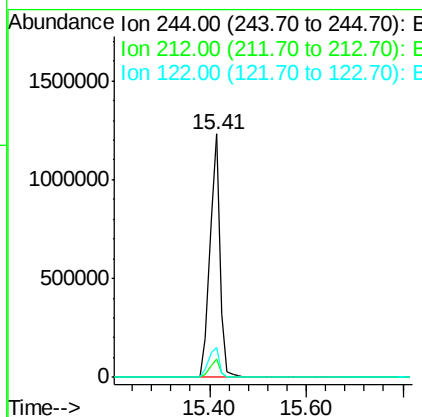
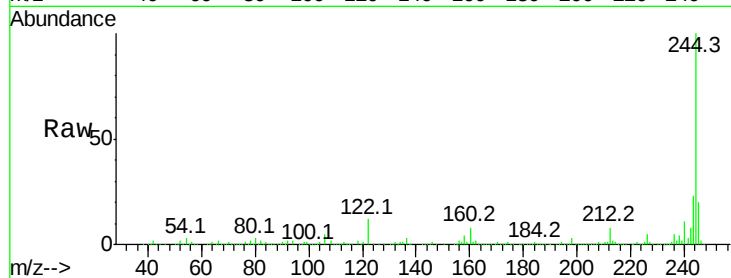




#78
 Terphenyl-d14
 Concen: 76.81 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083604.D
 Acq: 8 Dec 2015 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB86955TB

Tot Ion:244 Resp: 1812018
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 12.4 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF083604.D
 Acq: 8 Dec 2015 19:51

Tgt Ion:264 Resp: 452748
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 22.0 17.8 26.6

