

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096899.D
 Acq On : 20 Jul 2017 10:34
 Operator : SJ/JU
 Sample : I4234-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-07

Quant Time: Jul 20 16:02:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	95465	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	330419	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	148144	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	198226	20.00	ng	0.00
75) Chrysene-d12	13.72	240	156380	20.00	ng	-0.01
86) Perylene-d12	15.10	264	115099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	490617	77.27	ng	0.00
7) Phenol-d6	6.24	99	653674	85.79	ng	-0.01
23) Nitrobenzene-d5	7.15	82	346648	64.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	106808	84.46	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	665730	71.00	ng	-0.01
78) Terphenyl-d14	12.68	244	461766	51.21	ng	-0.01

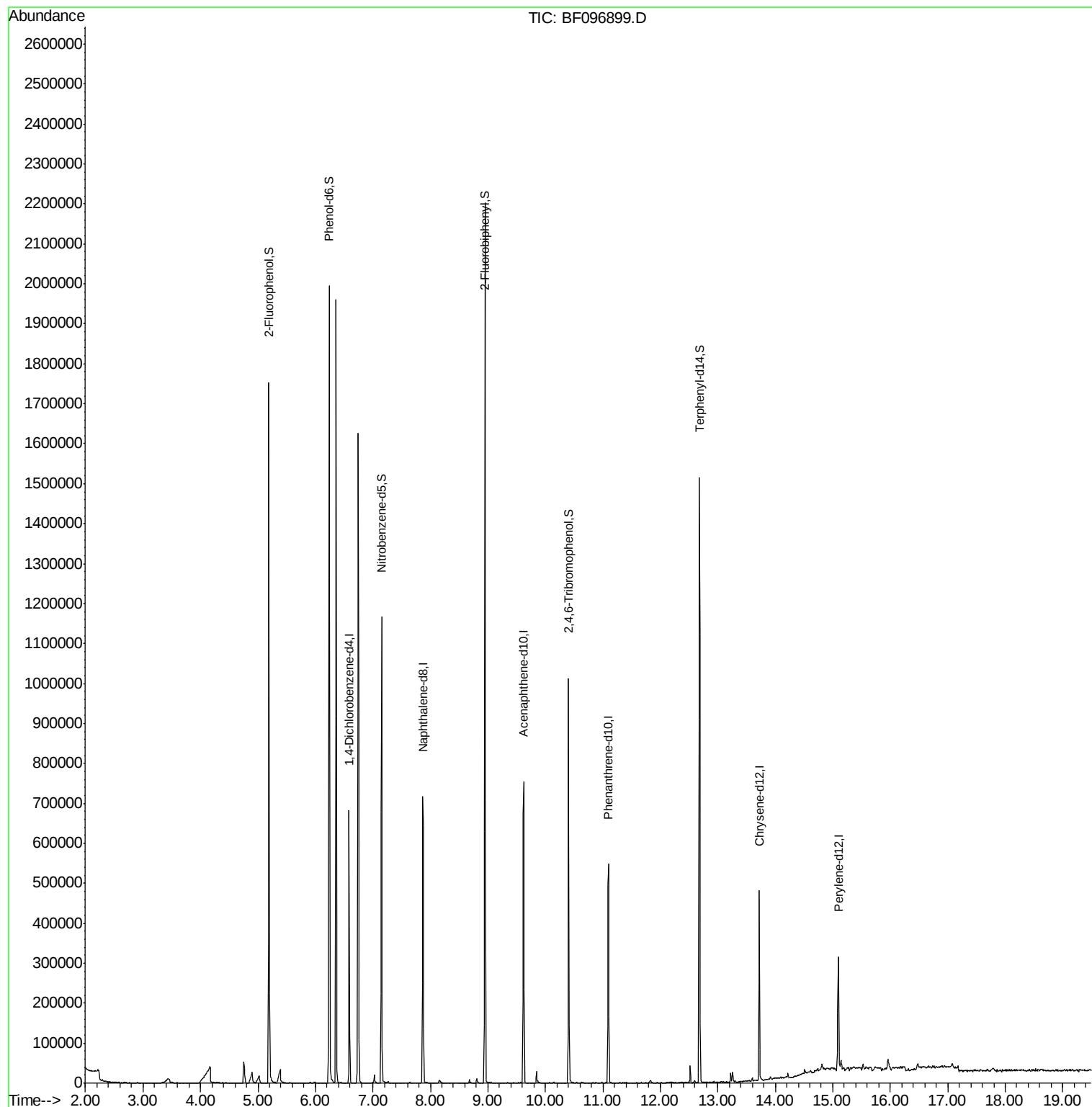
Target Compounds Qvalue

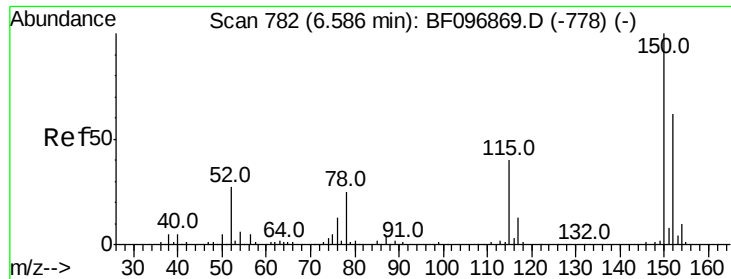
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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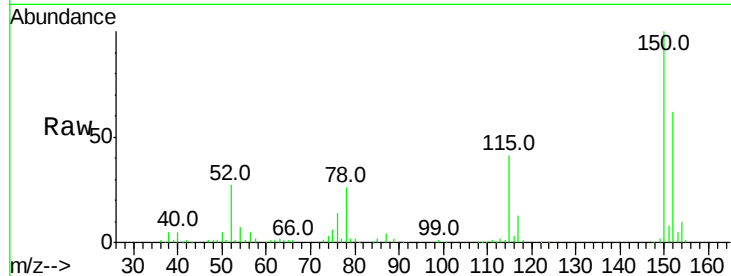


#1

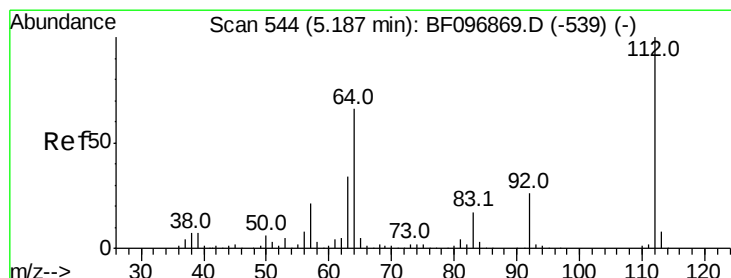
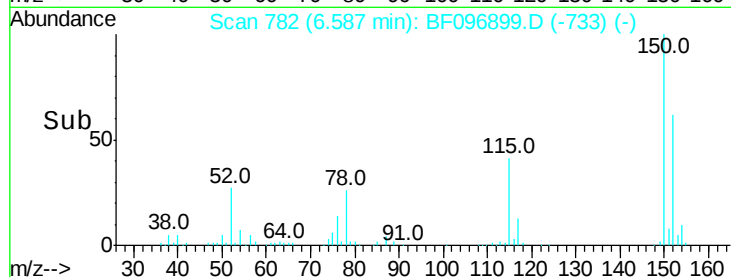
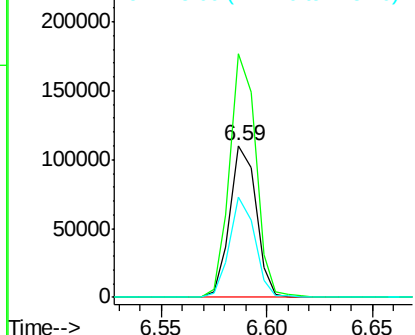
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096899.D
Acq: 20 Jul 2017 10:34

Instrument :
BNA_F
ClientSampleId :
M-COMB-07

Tot Ion:152 Resp: 95465
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 66.3 52.2 78.2



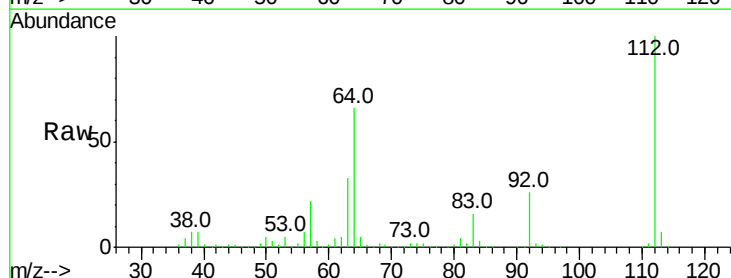
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



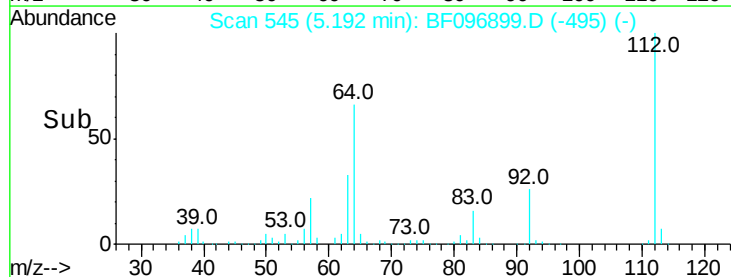
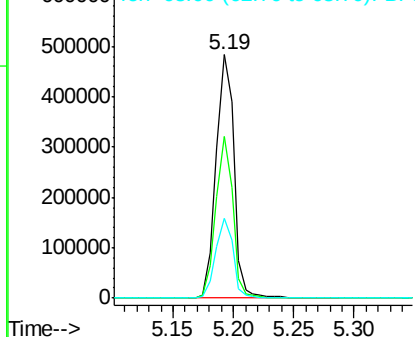
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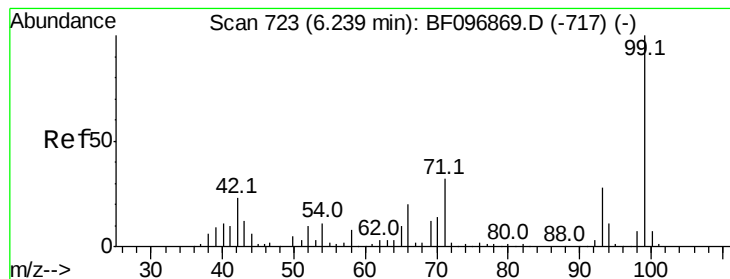
2-Fluorophenol
Concen: 77.273 ng
RT: 5.19 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF096899.D
Acq: 20 Jul 2017 10:34

Tgt Ion:112 Resp: 490617
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 32.9 23.4 35.0



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: 85.793 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096899.D

Acq: 20 Jul 2017 10:34

Instrument :

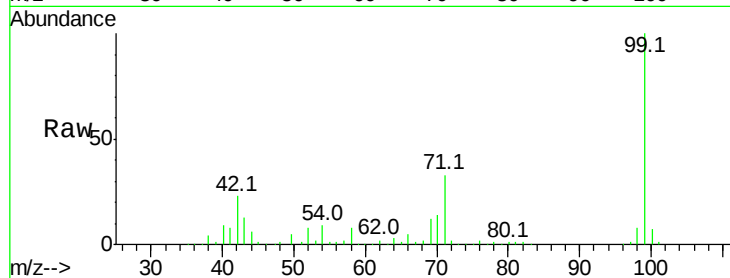
BNA_F

ClientSampleId :

M-COMB-07

Tot Ion: 99 Resp: 653674

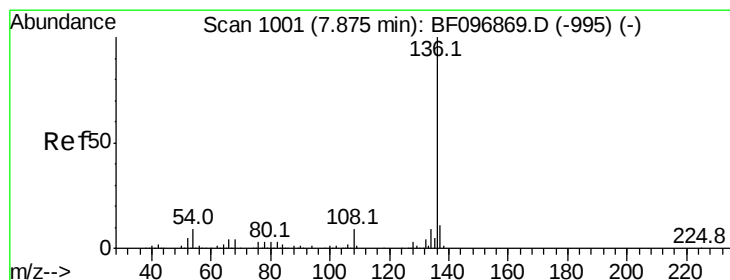
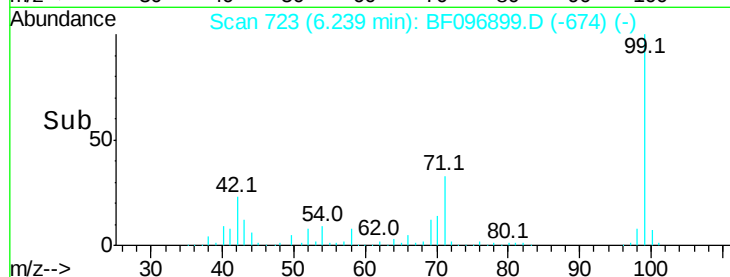
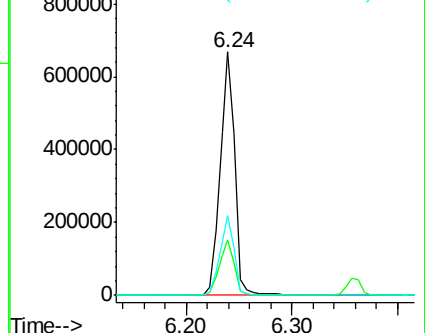
Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	32.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 1000

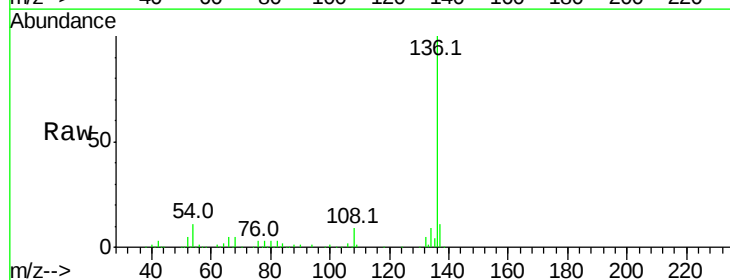
Delta R.T. -0.02 min

Lab File: BF096899.D

Acq: 20 Jul 2017 10:34

Tgt Ion: 136 Resp: 330419

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.6	4.9	7.3#
68	4.5	4.1	6.1

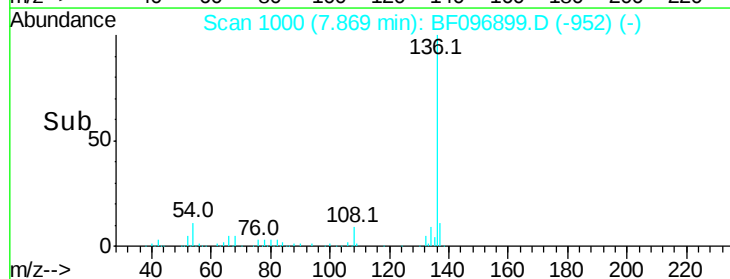
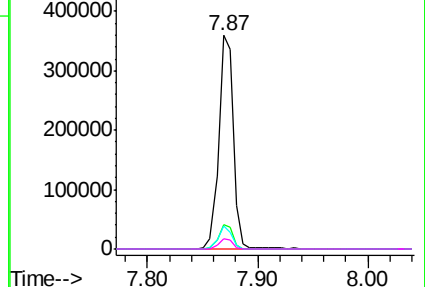


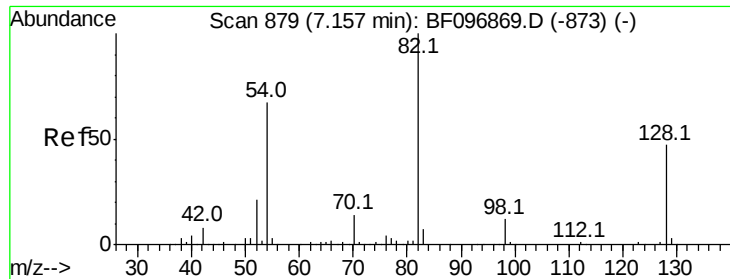
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

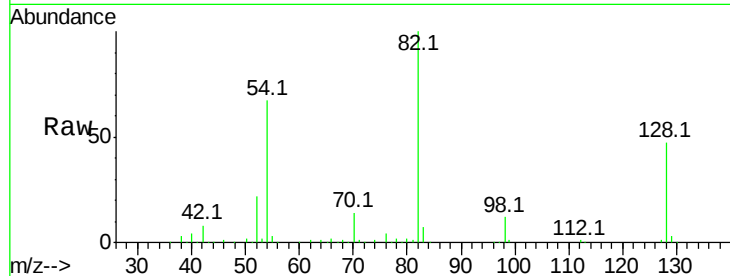




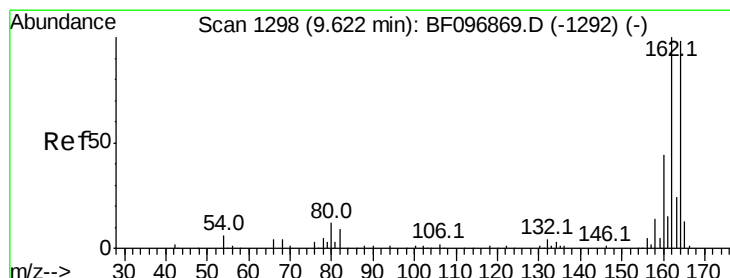
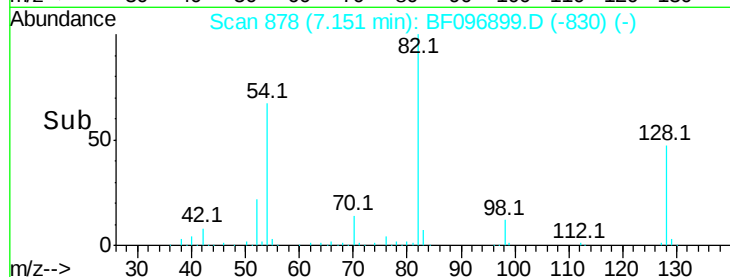
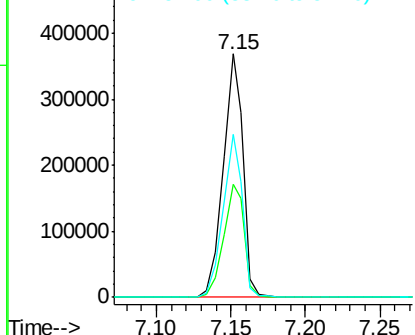
#23
 Nitrobenzene-d5
 Concen: 64.983 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096899.D
 Acq: 20 Jul 2017 10:34

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-07

Tot Ion: 82 Resp: 346648
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 66.7 42.2 63.2#

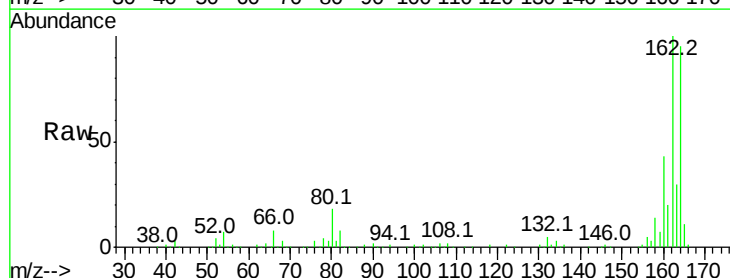


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

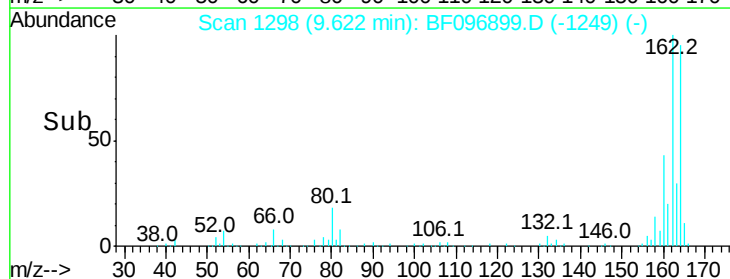
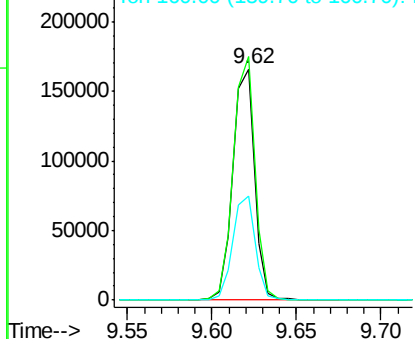


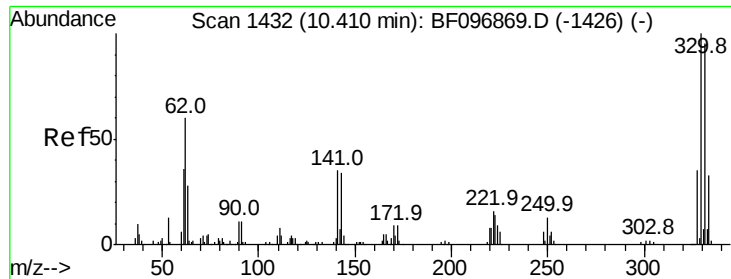
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096899.D
 Acq: 20 Jul 2017 10:34

Tgt Ion:164 Resp: 148144
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 45.2 36.2 54.2



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

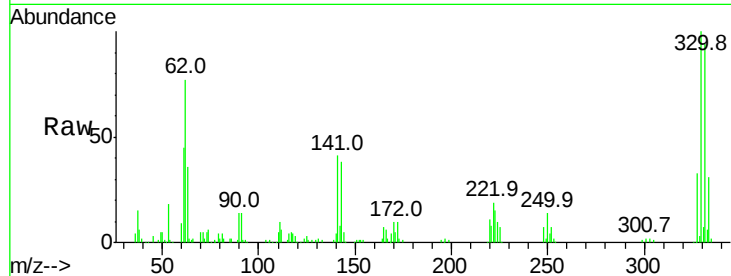




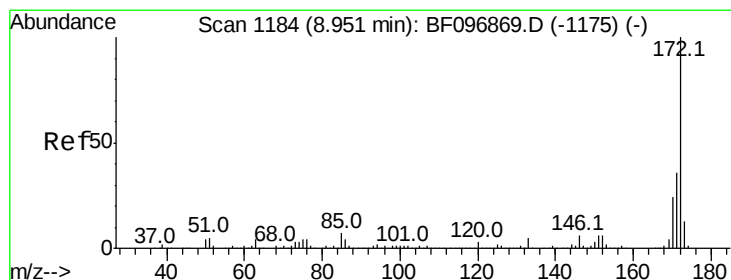
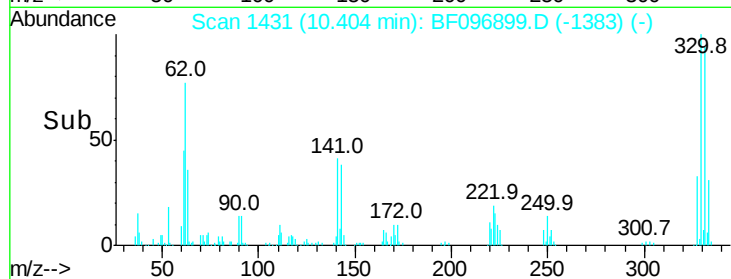
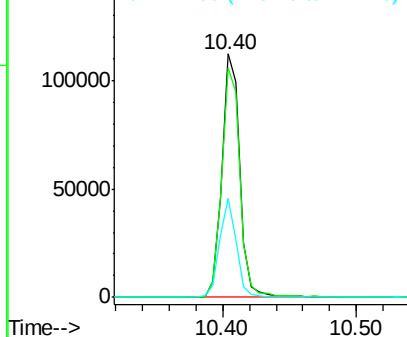
#41
 2,4,6-Tribromophenol
 Concen: 84.464 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096899.D
 Acq: 20 Jul 2017 10:34

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-07

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	38.4	31.4	47.2

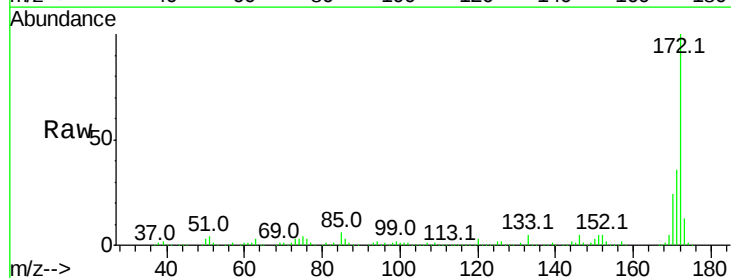


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

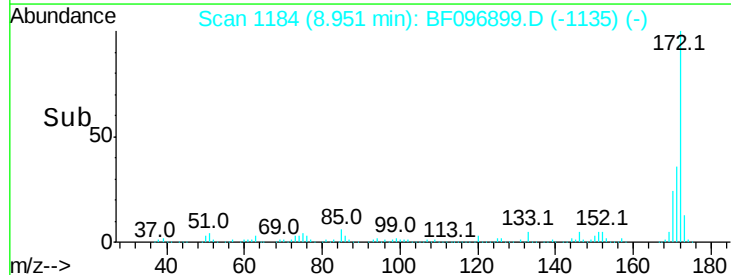
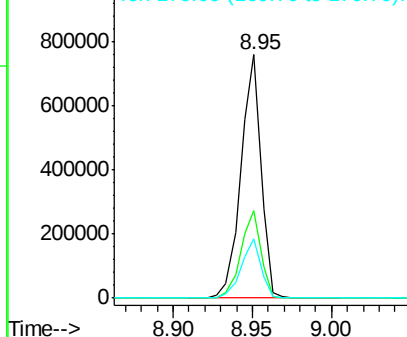


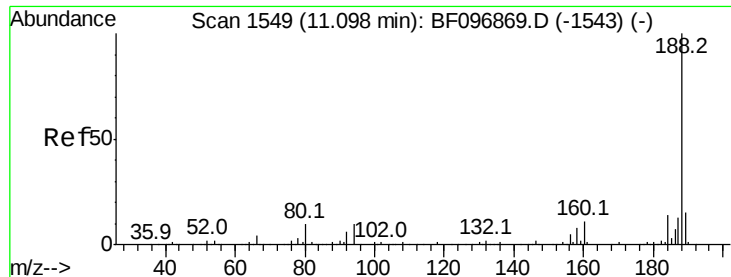
#44
 2-Fluorobiphenyl
 Concen: 70.999 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096899.D
 Acq: 20 Jul 2017 10:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.3	19.8	29.8



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

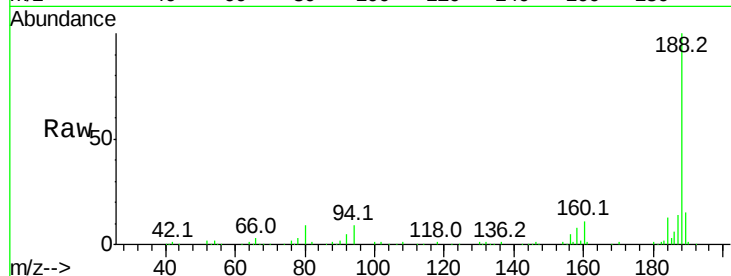




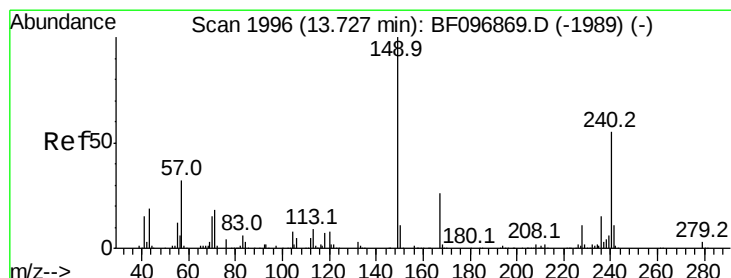
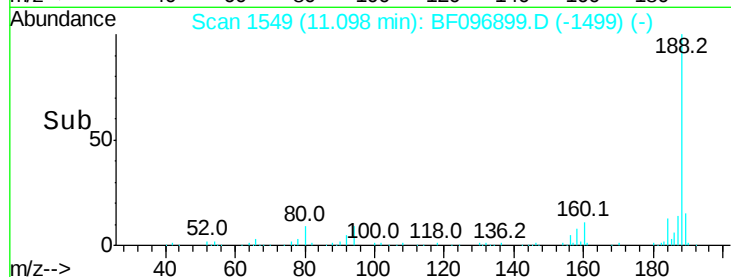
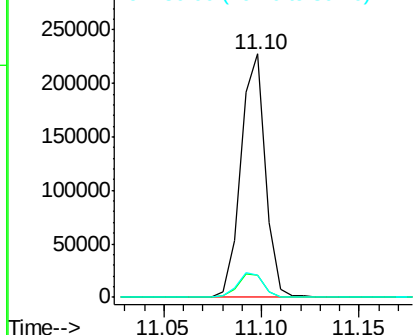
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096899.D
Acq: 20 Jul 2017 10:34

Instrument :
BNA_F
ClientSampleId :
M-COMB-07

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.4	14.2#
80	9.1	10.2	15.2#

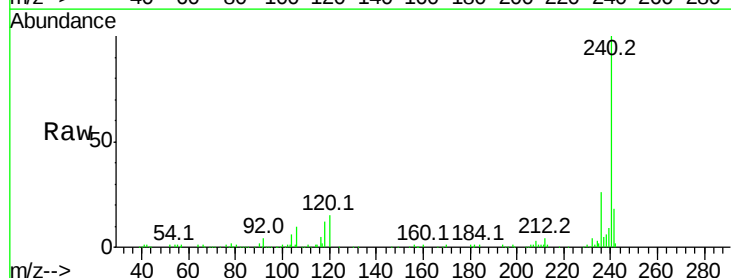


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

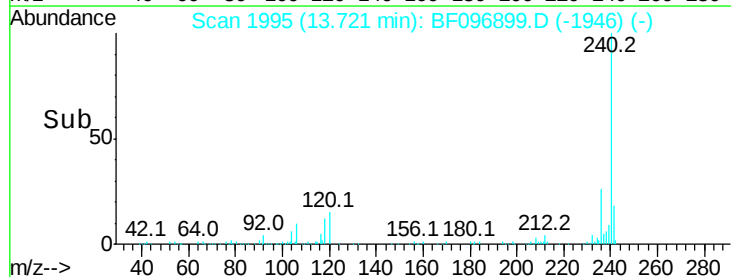
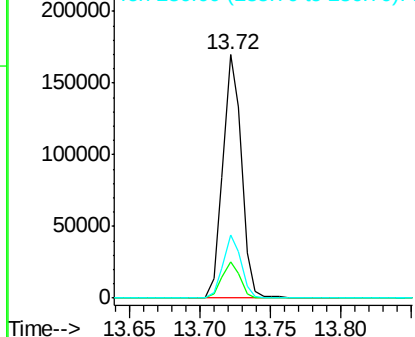


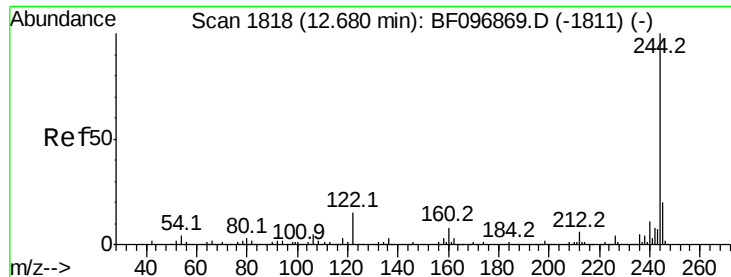
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096899.D
Acq: 20 Jul 2017 10:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.0	20.5	30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

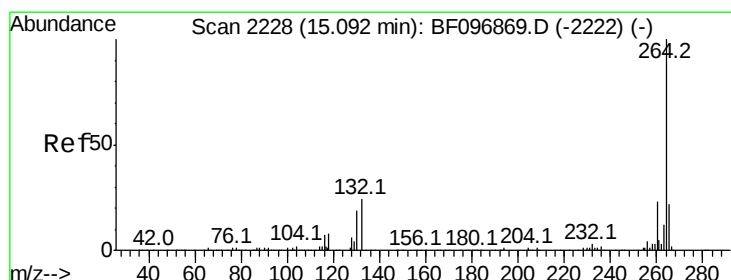
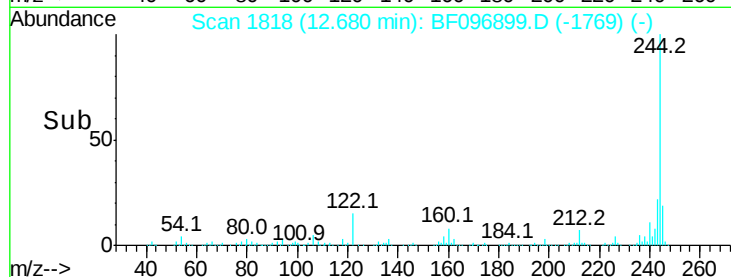
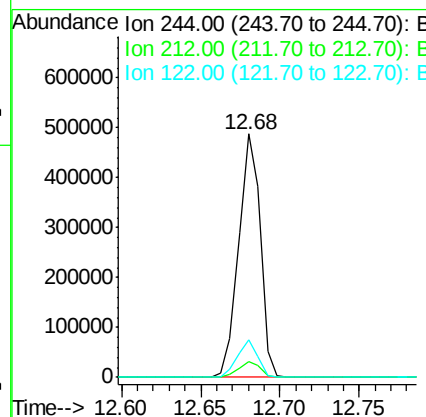
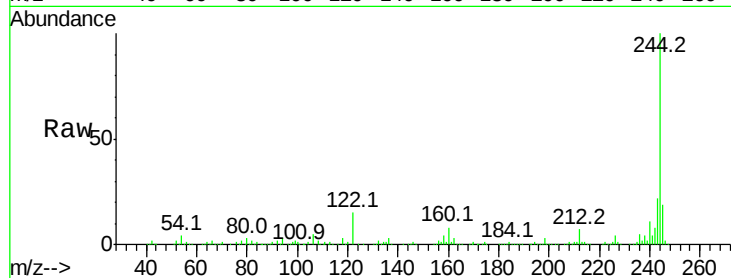




#78
 Terphenyl-d14
 Concen: 51.210 ng
 RT: 12.68 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF096899.D
 Acq: 20 Jul 2017 10:34

Instrument :
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 M-COMB-07

Tot Ion:244 Resp: 461766
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 15.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF096899.D
 Acq: 20 Jul 2017 10:34

Tgt Ion:264 Resp: 115099
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.6 17.2 25.8

