

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088100.D
 Acq On : 17 Jun 2016 18:37
 Operator : UM/SJ
 Sample : H3589-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-53-061416

Quant Time: Jun 18 00:46:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105892	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	413582	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	168863	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	384232	20.00	ng	0.00
75) Chrysene-d12	13.84	240	214019	20.00	ng	-0.01
86) Perylene-d12	15.22	264	29573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	677353	109.35	ng	0.02
7) Phenol-d6	6.35	99	836058	111.37	ng	0.00
23) Nitrobenzene-d5	7.27	82	613768	86.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	253644	142.26	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1007472	94.33	ng	-0.01
78) Terphenyl-d14	12.80	244	892482	94.89	ng	0.00

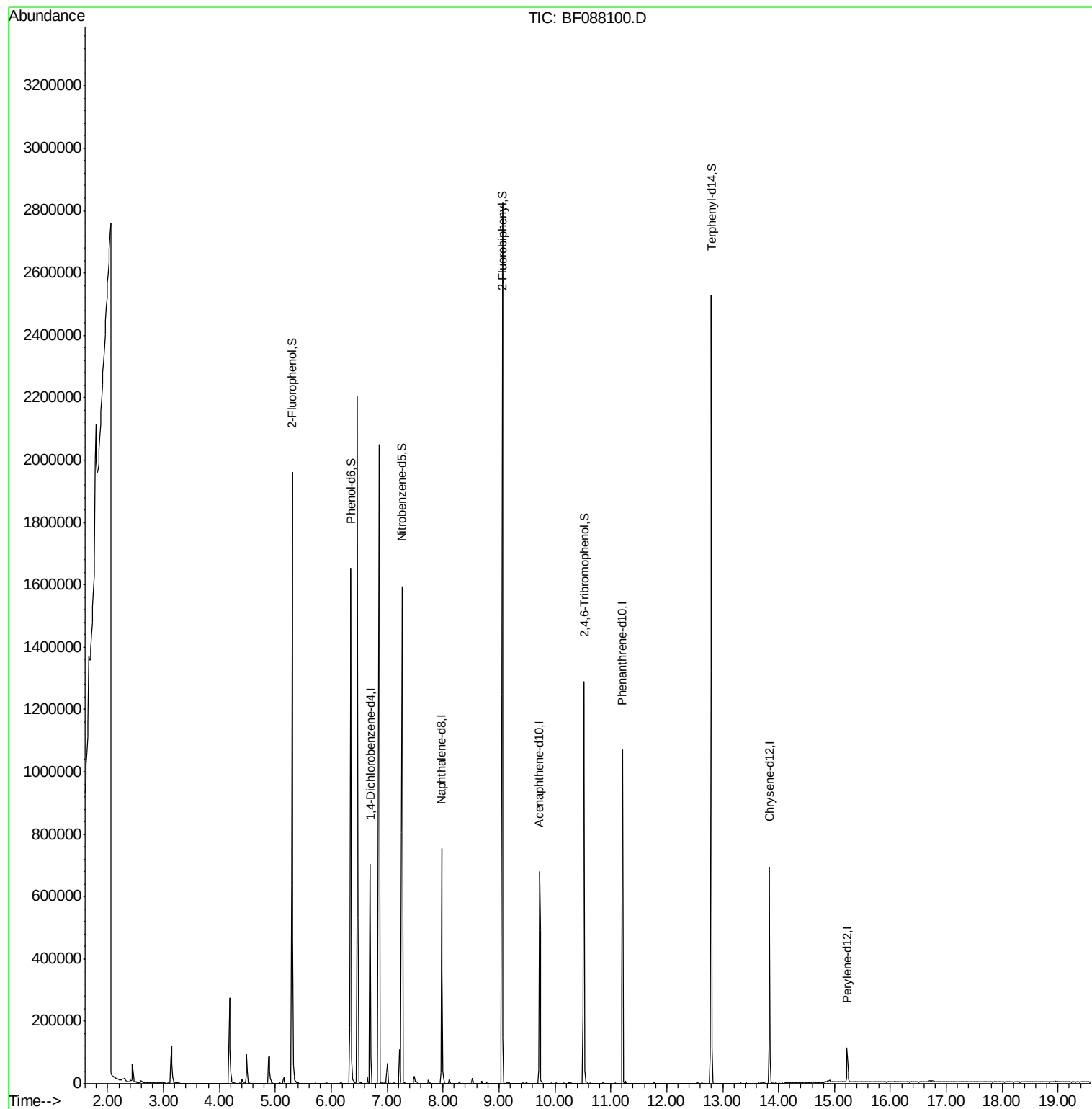
Target Compounds Qvalue

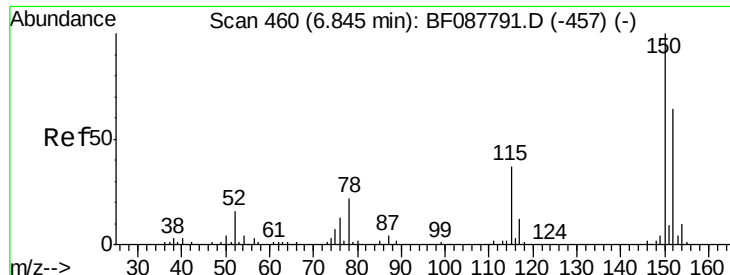
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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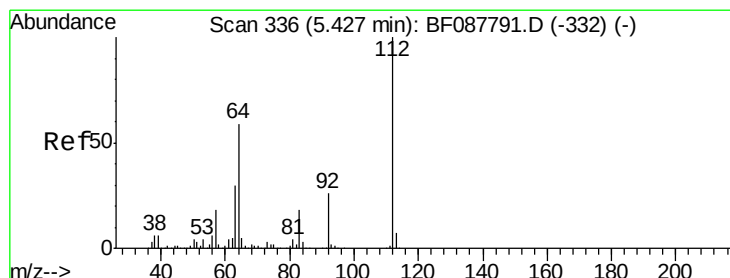
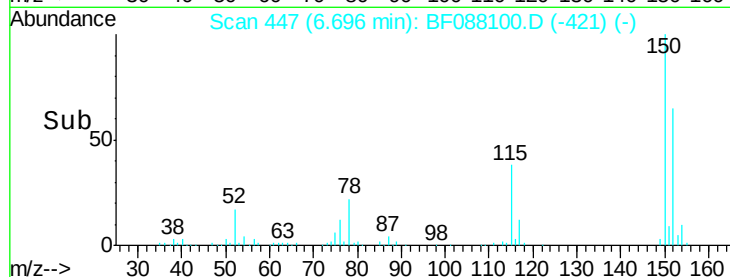
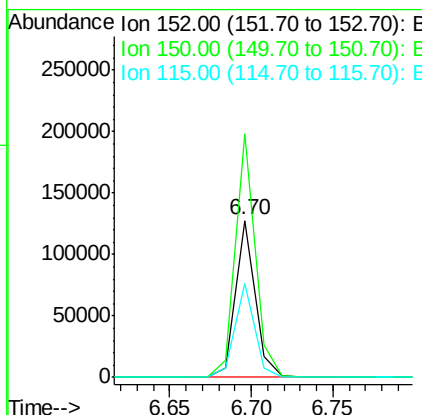
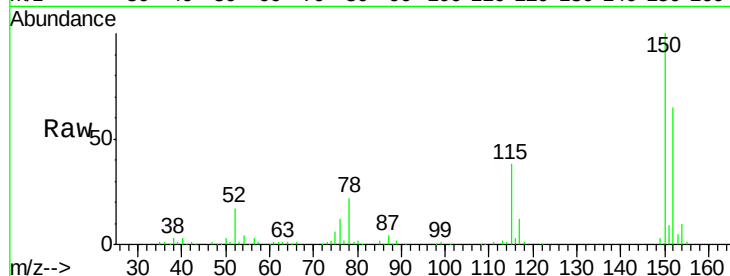


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088100.D
Acq: 17 Jun 2016 18:37

Instrument :
BNA_F
ClientSampleId :
HSR-WC-53-061416

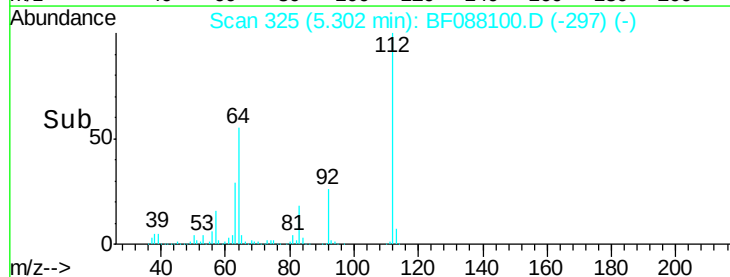
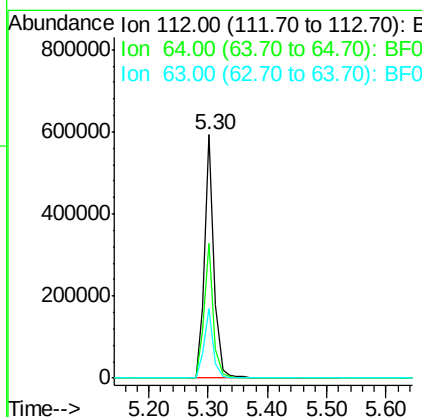
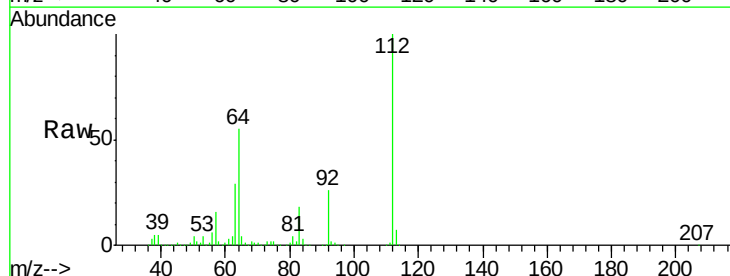
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	59.4	39.6	59.4

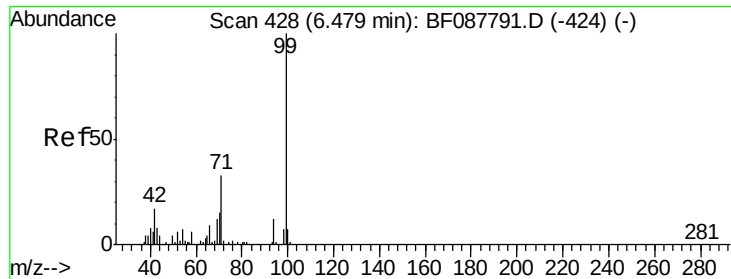


#5

2-Fluorophenol
Concen: 109.35 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.02 min
Lab File: BF088100.D
Acq: 17 Jun 2016 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.2	63.2
63	28.7	21.8	32.8





#7

Phenol-d6

Concen: 111.37 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088100.D

Acq: 17 Jun 2016 18:37

Instrument :

BNA_F

ClientSampleId :

HSR-WC-53-061416

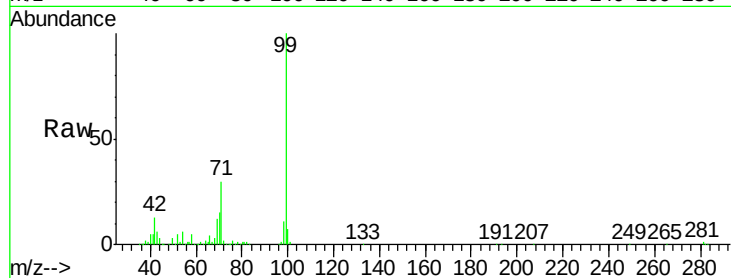
Tot Ion: 99 Resp: 836058

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.2

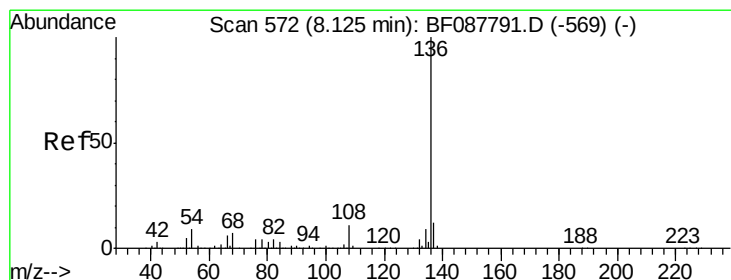
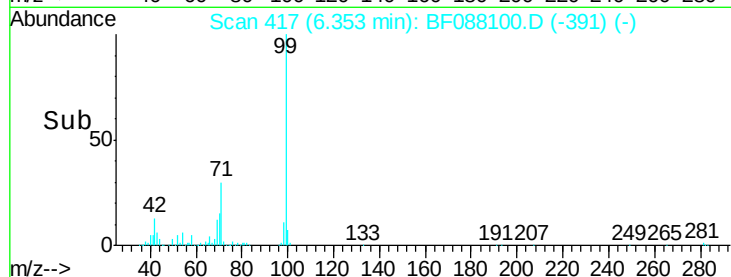
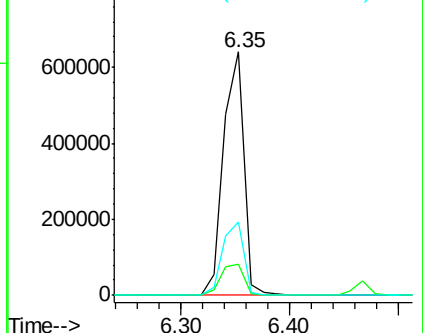
71 30.2 23.4 35.0



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: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088100.D

Acq: 17 Jun 2016 18:37

Tgt Ion: 136 Resp: 413582

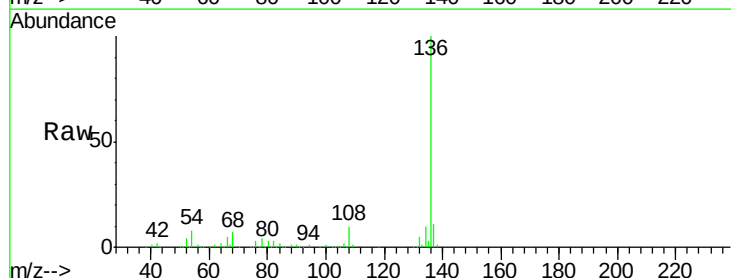
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.2 6.6 10.0

68 6.9 5.1 7.7

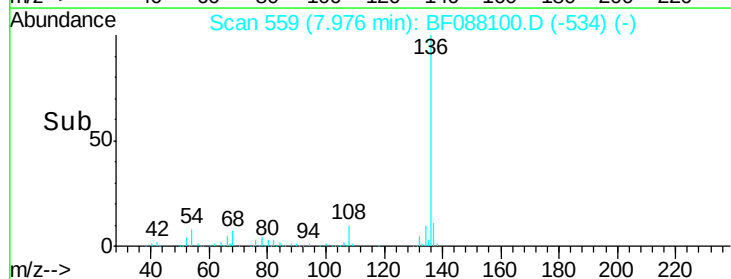
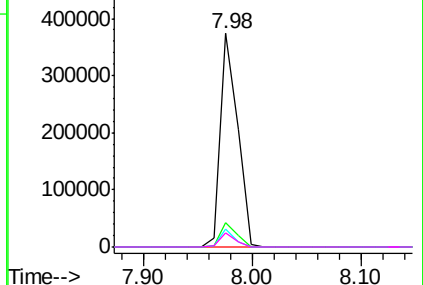


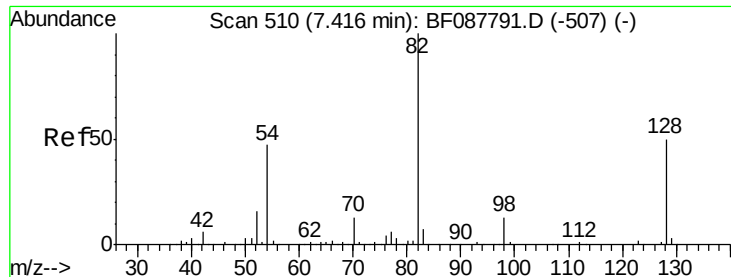
Abundance Ion 136.00 (135.70 to 136.70): E

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

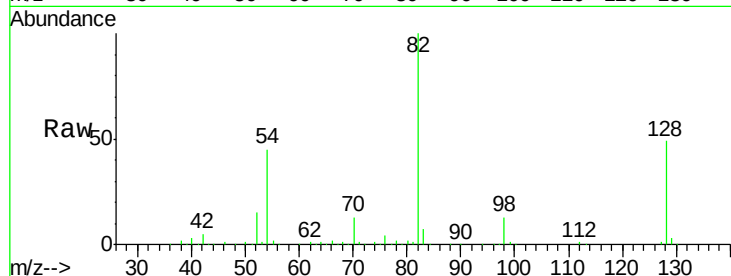




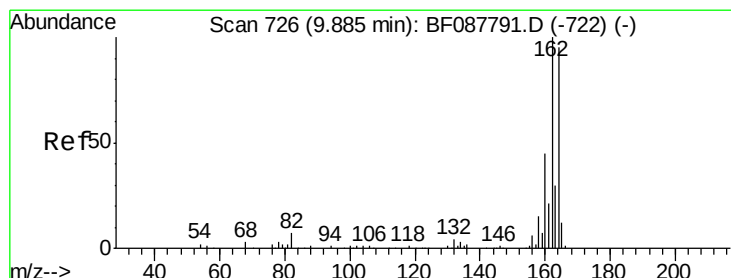
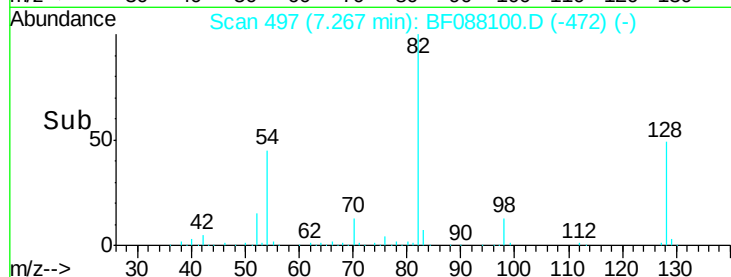
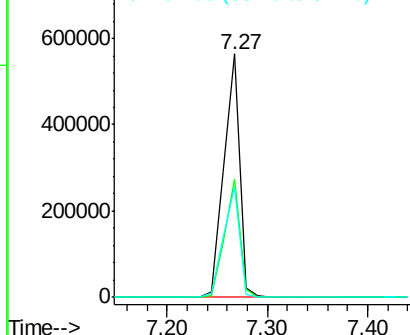
#23
 Nitrobenzene-d5
 Concen: 86.66 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088100.D
 Acq: 17 Jun 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-53-061416

Tot Ion: 82 Resp: 613768
 Ion Ratio Lower Upper
 82 100
 128 48.5 35.9 53.9
 54 45.4 40.9 61.3

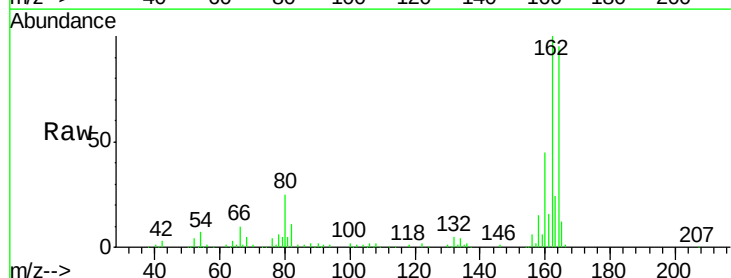


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

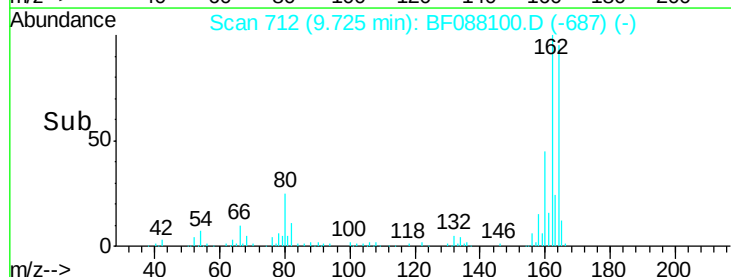
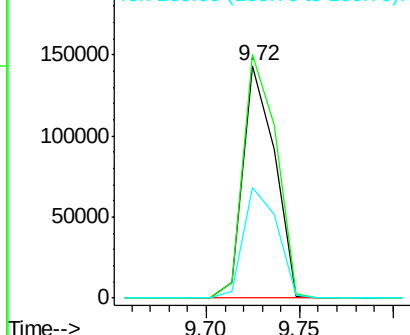


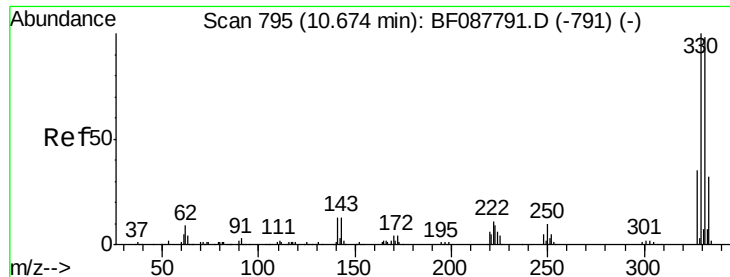
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088100.D
 Acq: 17 Jun 2016 18:37

Tgt Ion:164 Resp: 168863
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 47.6 39.5 59.3



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

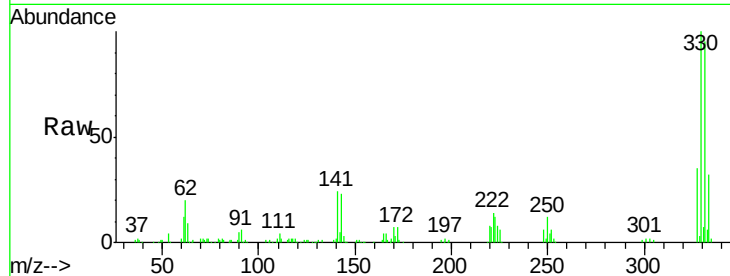




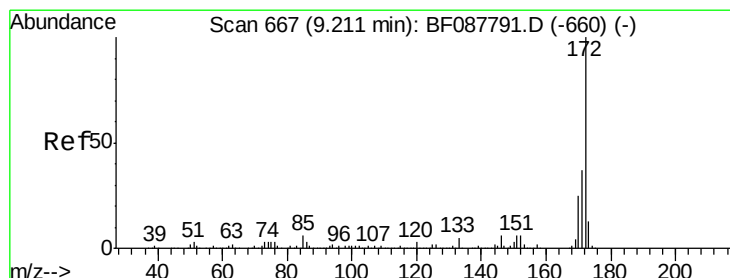
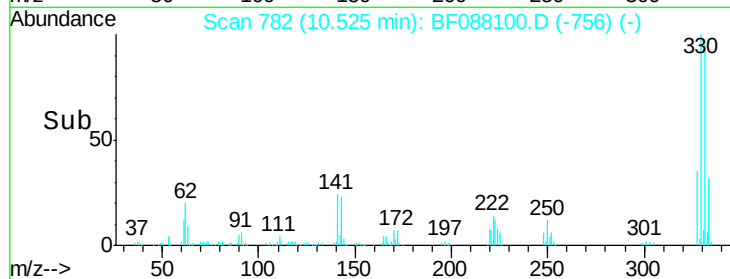
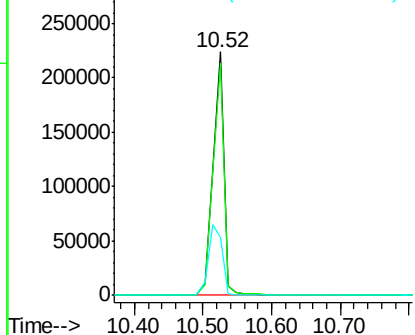
#41
 2,4,6-Tribromophenol
 Concen: 142.26 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088100.D
 Acq: 17 Jun 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-53-061416

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	36.5	0.0	0.0#

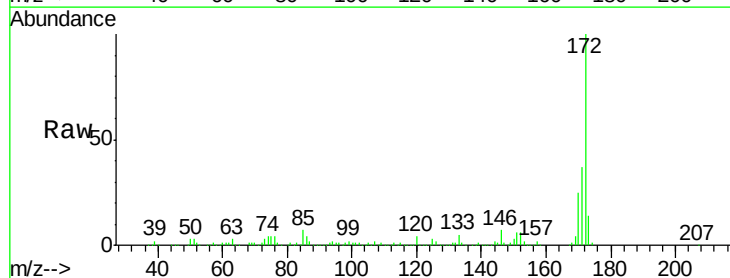


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

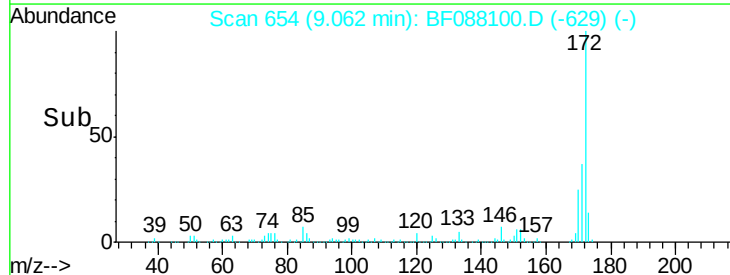
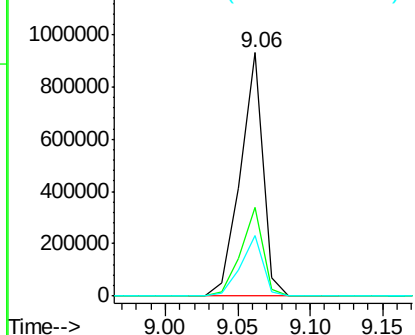


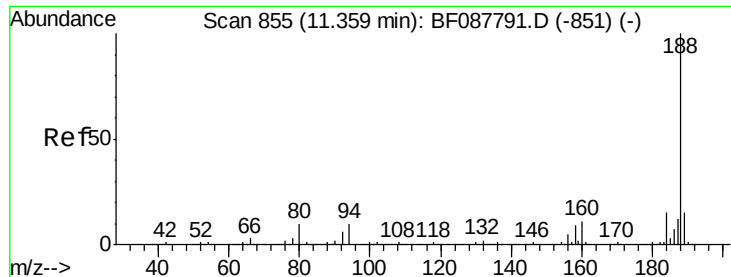
#44
 2-Fluorobiphenyl
 Concen: 94.33 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088100.D
 Acq: 17 Jun 2016 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	25.0	19.2	28.8



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

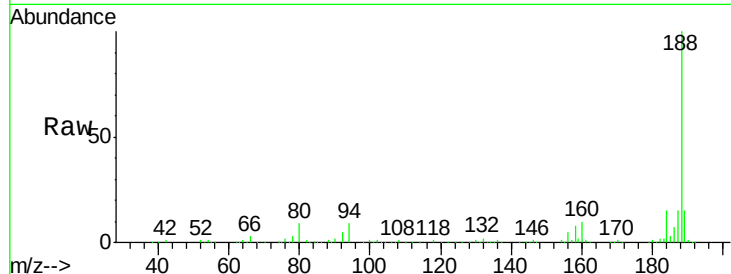




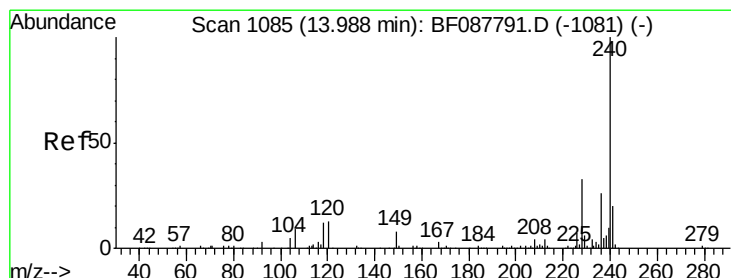
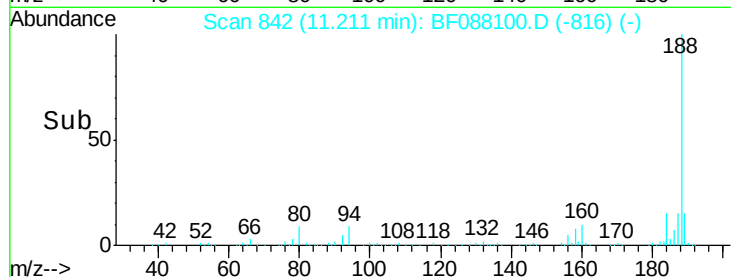
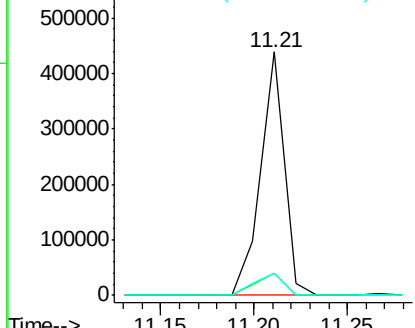
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF088100.D
Acq: 17 Jun 2016 18:37

Instrument :
BNA_F
ClientSampleId :
HSR-WC-53-061416

Tot Ion:188 Resp: 384232
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.6#
80 9.3 10.0 15.0#

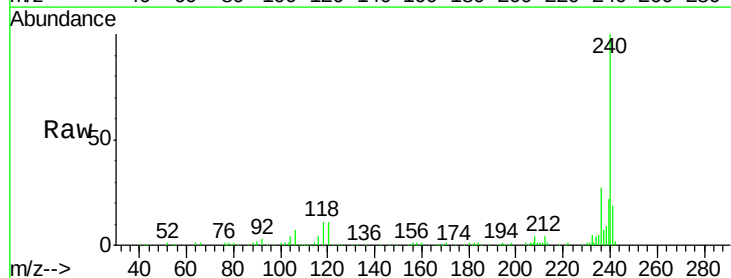


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

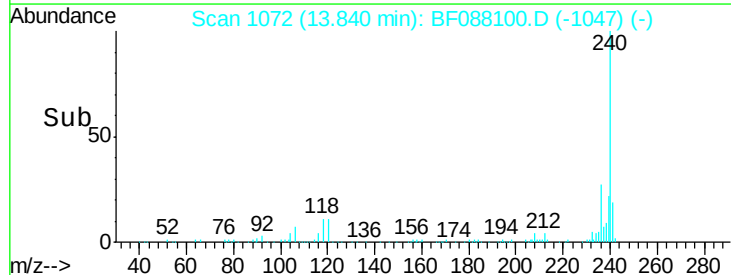
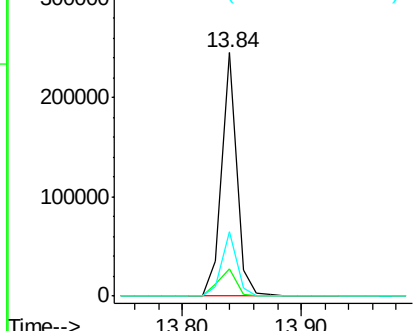


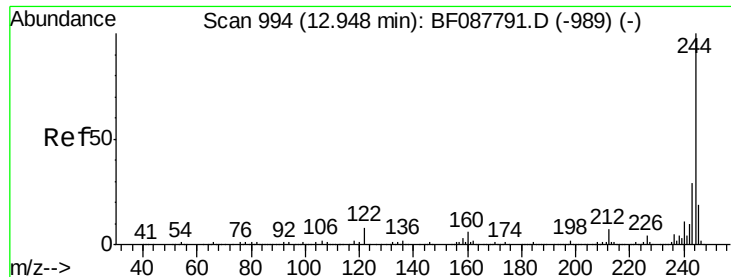
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088100.D
Acq: 17 Jun 2016 18:37

Tgt Ion:240 Resp: 214019
Ion Ratio Lower Upper
240 100
120 11.5 6.8 10.2#
236 26.6 20.2 30.2



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

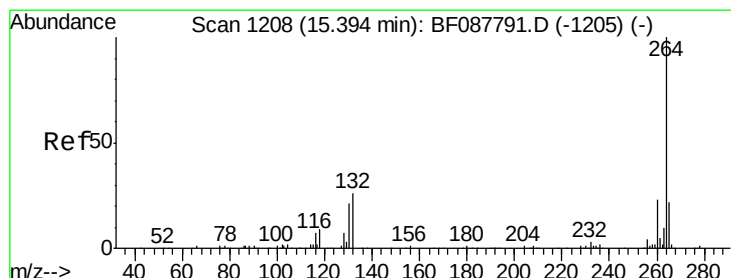
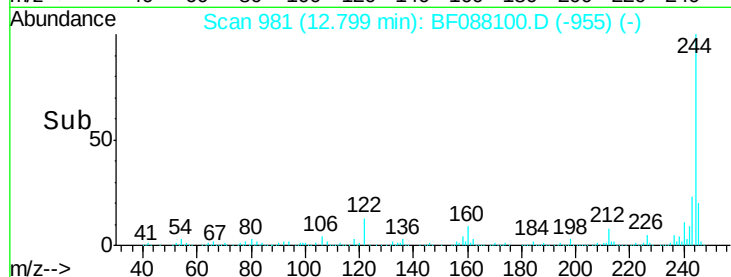
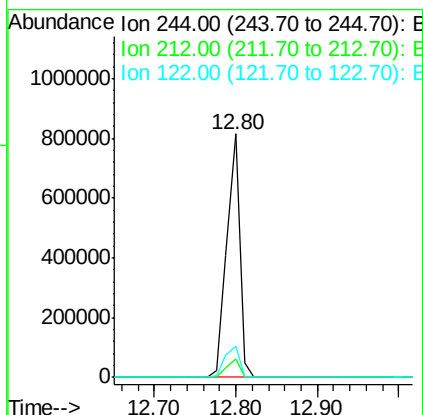
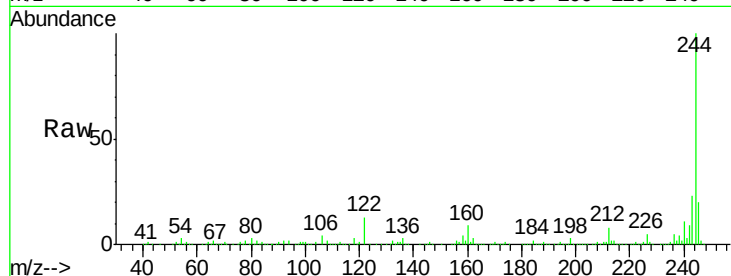




#78
 Terphenyl-d14
 Concen: 94.89 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088100.D
 Acq: 17 Jun 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-53-061416

Tot Ion:244 Resp: 892482
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088100.D
 Acq: 17 Jun 2016 18:37

Tgt Ion:264 Resp: 29573
 Ion Ratio Lower Upper
 264 100
 260 31.5 19.2 28.8#
 265 21.3 16.9 25.3

