

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089519.D
 Acq On : 1 Aug 2016 19:26
 Operator : UM/SJ
 Sample : H4251-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Aug 02 03:20:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	37602	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	157901	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	72887	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	128821	20.00	ng	0.00
75) Chrysene-d12	13.60	240	72582	20.00	ng	-0.01
86) Perylene-d12	14.93	264	69957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	145896	61.95	ng	0.00
7) Phenol-d6	6.14	99	120462	38.71	ng	-0.01
23) Nitrobenzene-d5	7.05	82	272097	101.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	87274	144.57	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	499032	100.48	ng	-0.01
78) Terphenyl-d14	12.56	244	343059	110.62	ng	-0.01

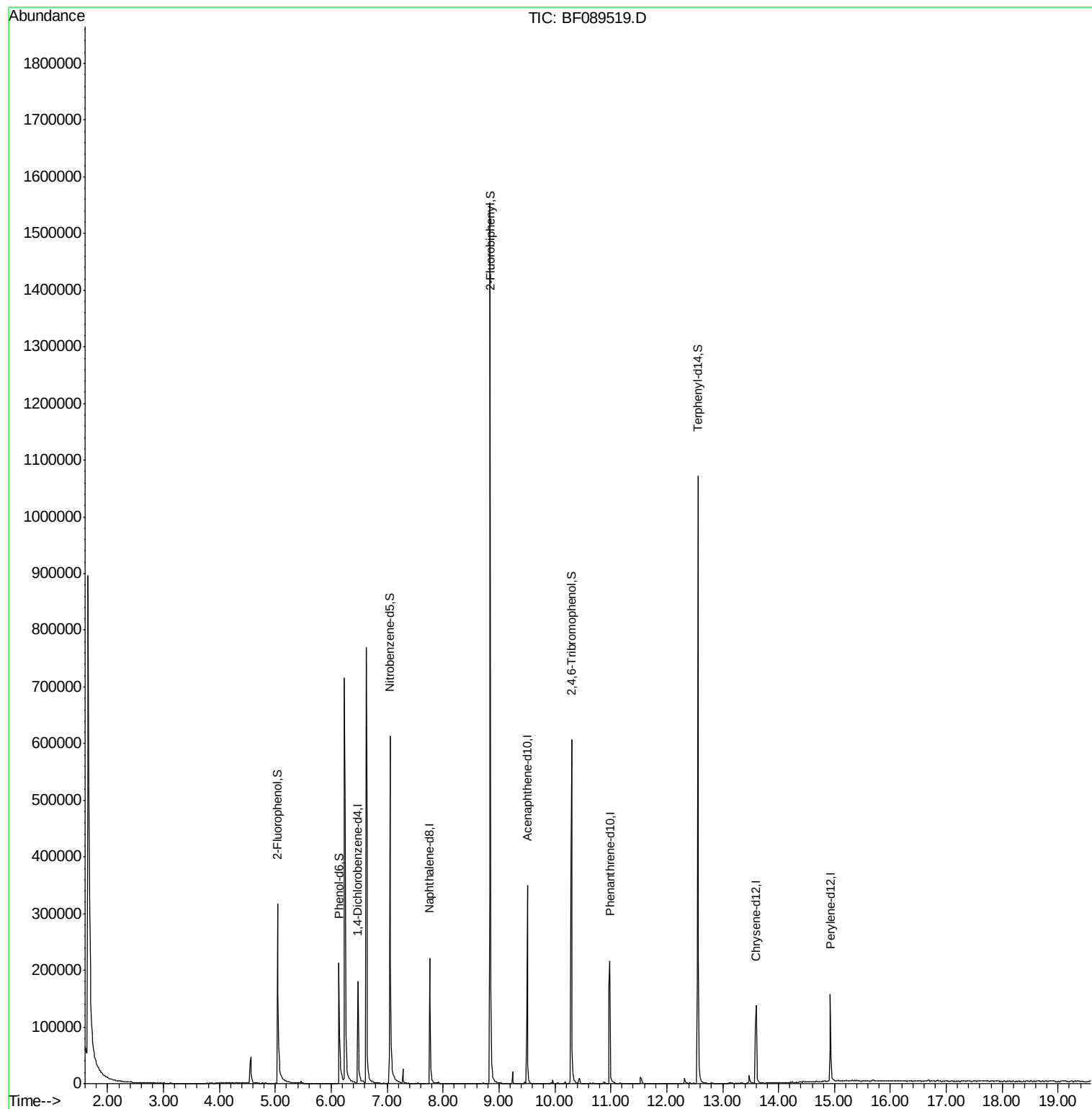
Target Compounds Qvalue

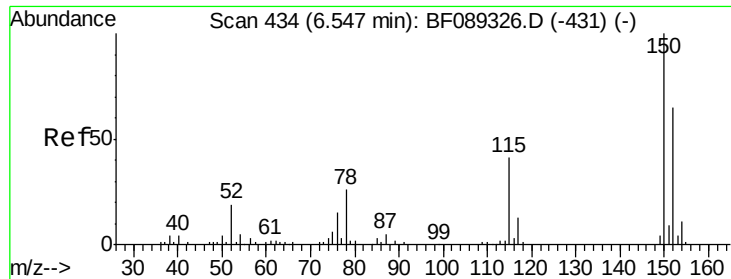
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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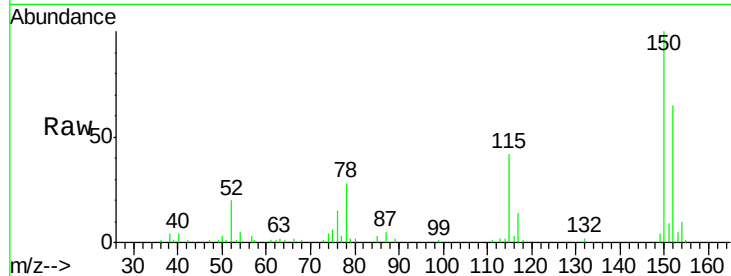


#1

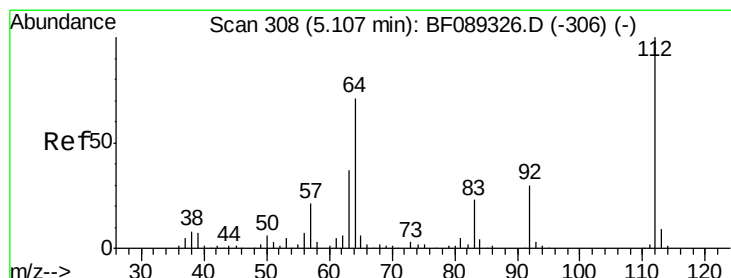
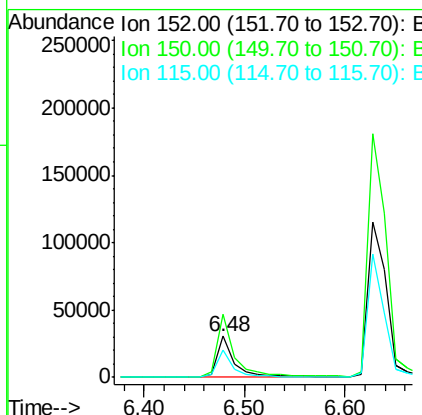
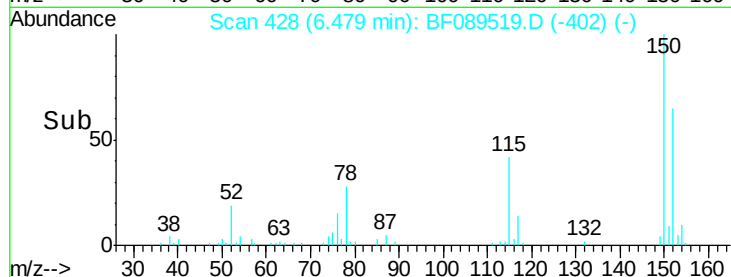
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion:152 Resp: 37602
Ion Ratio Lower Upper
152 100
150 153.6 129.5 194.3
115 65.1 51.4 77.2



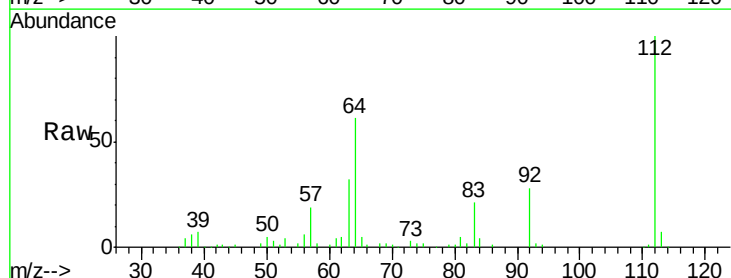
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



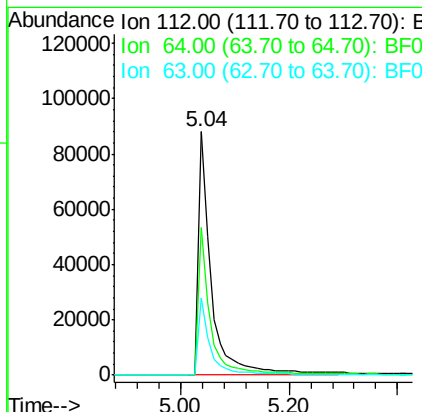
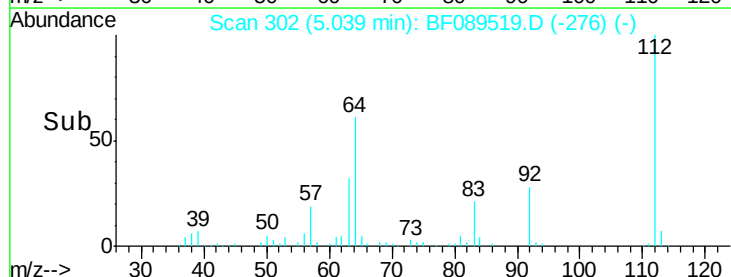
#5

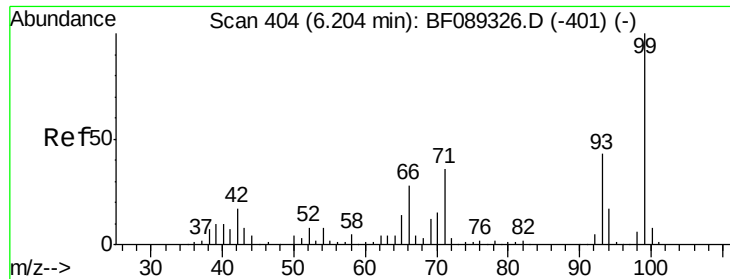
2-Fluorophenol
Concen: 61.95 ng
RT: 5.04 min Scan# 302
Delta R.T. -0.00 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:112 Resp: 145896
Ion Ratio Lower Upper
112 100
64 60.5 55.0 82.6
63 31.7 29.4 44.2



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: 38.71 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF089519.D

Acq: 1 Aug 2016 19:26

Instrument :

BNA_F

ClientSampled :

MW-04

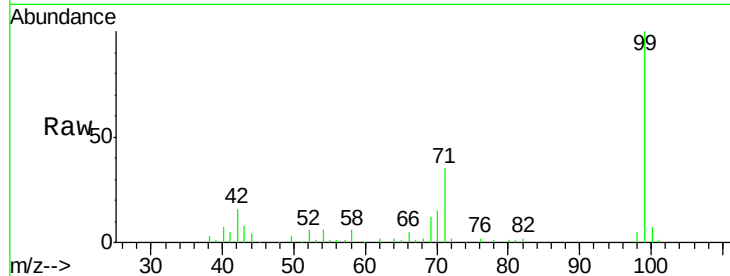
Tot Ion: 99 Resp: 120462

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

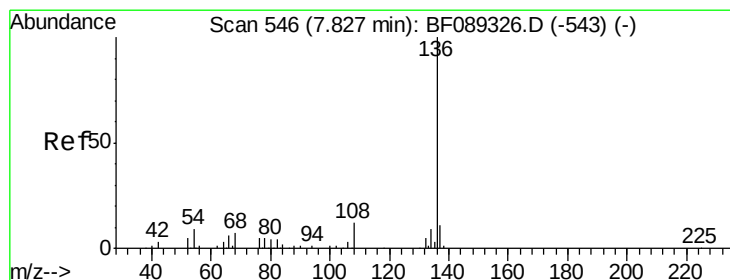
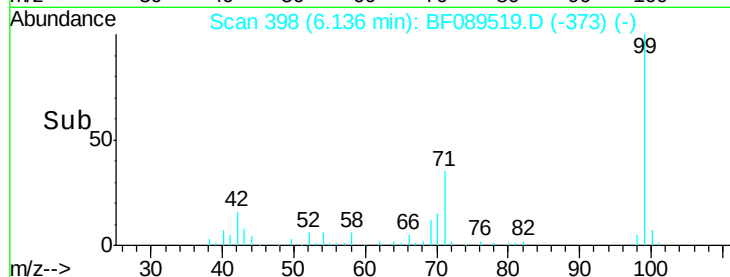
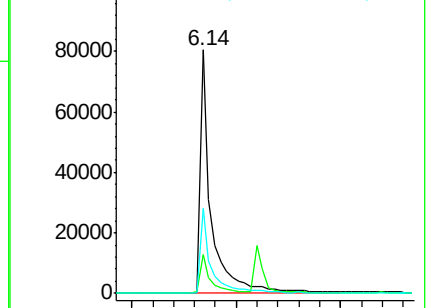
71 35.0 29.4 44.2



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: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF089519.D

Acq: 1 Aug 2016 19:26

Tgt Ion: 136 Resp: 157901

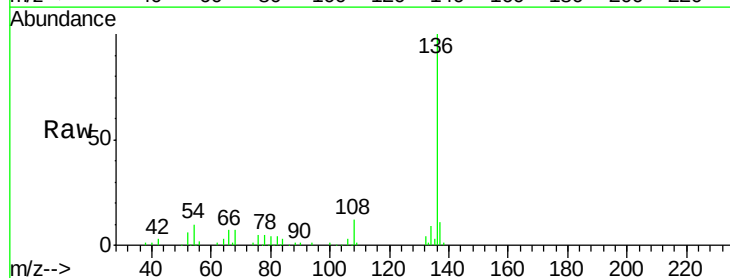
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.8 7.0 10.4

68 7.0 4.9 7.3

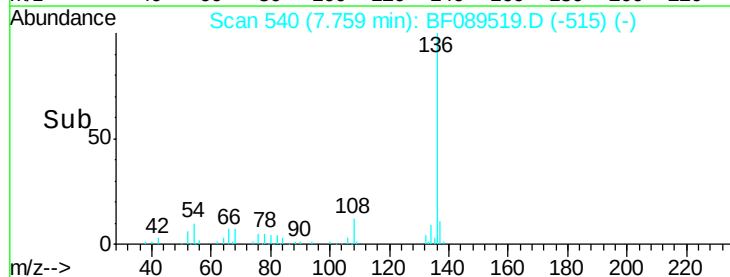
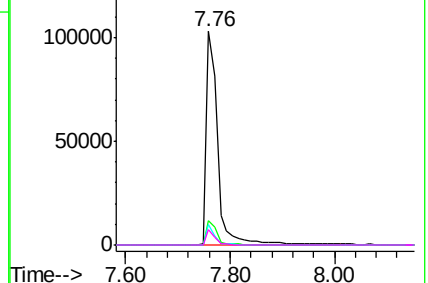


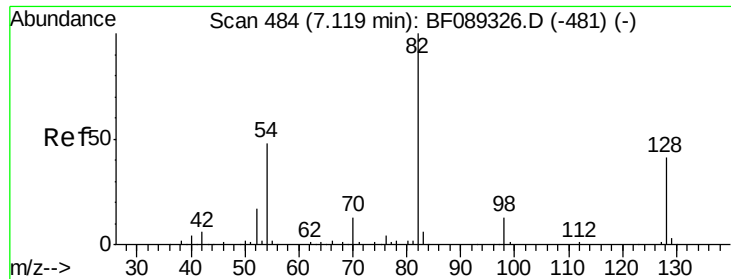
Abundance Ion 136.00 (135.70 to 136.70): E

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

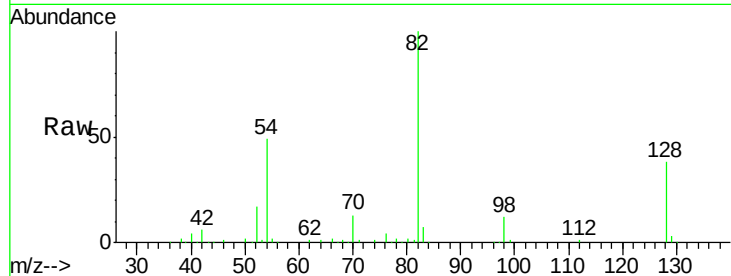




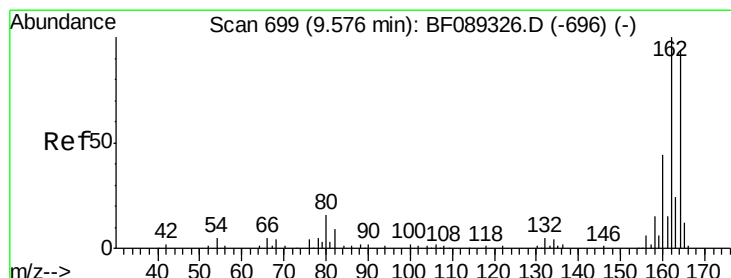
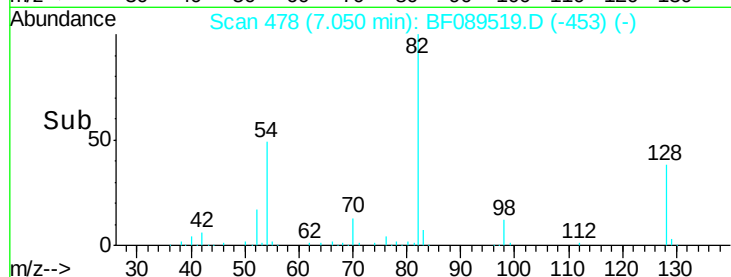
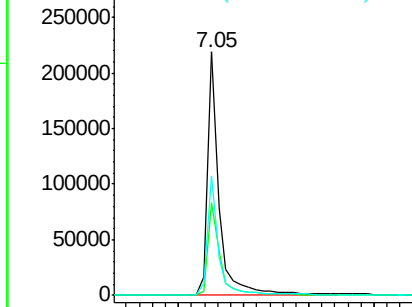
#23
Nitrobenzene-d5
Concen: 101.71 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampled :
MW-04

Tot Ion	82	Resp	272097
Ion Ratio	100	Lower	Upper
128	38.3	32.5	48.7
54	49.3	38.8	58.2

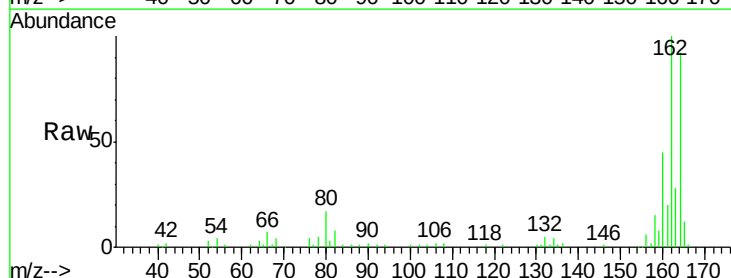


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

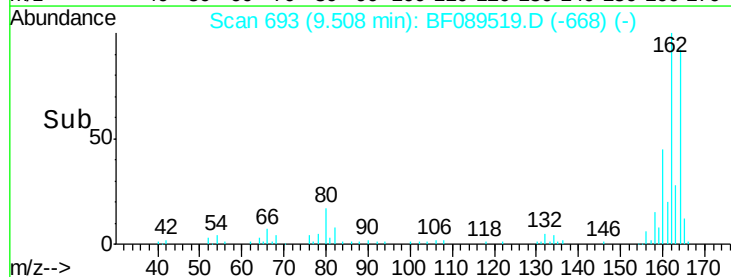
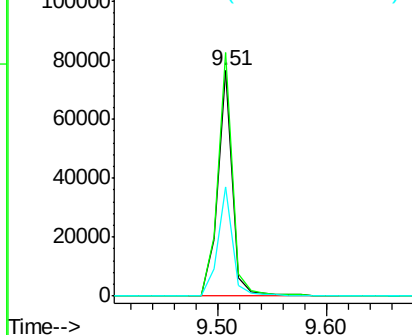


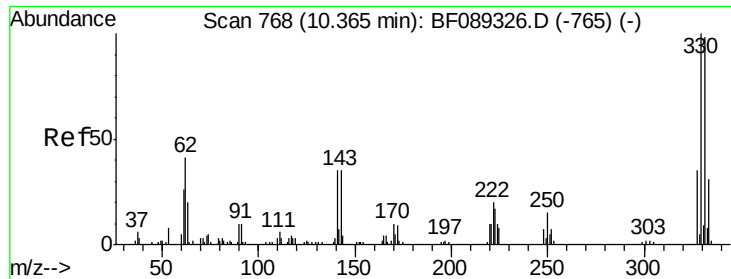
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion	164	Resp	72887
Ion Ratio	100	Lower	Upper
162	108.2	83.7	125.5
160	48.3	37.8	56.6



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

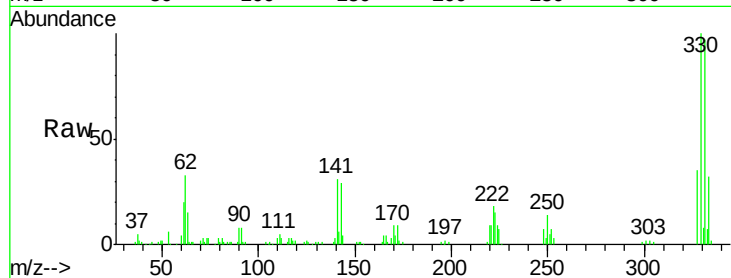




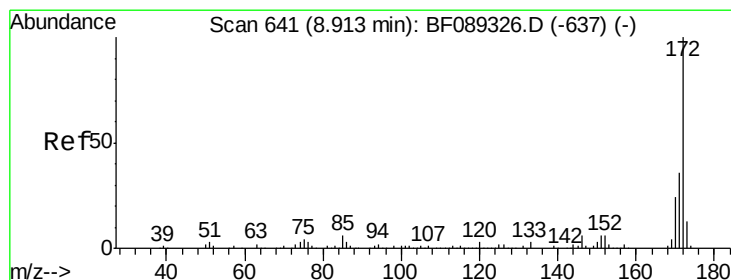
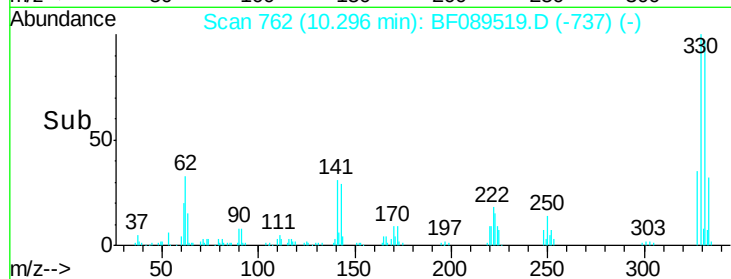
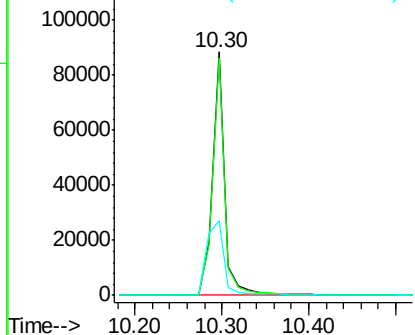
#41
 2,4,6-Tribromophenol
 Concen: 144.57 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089519.D
 Acq: 1 Aug 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	44.0	37.3	55.9

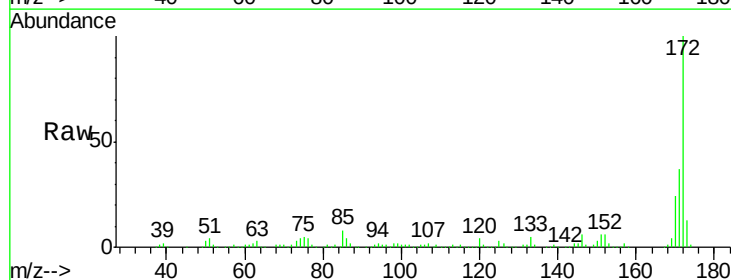


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

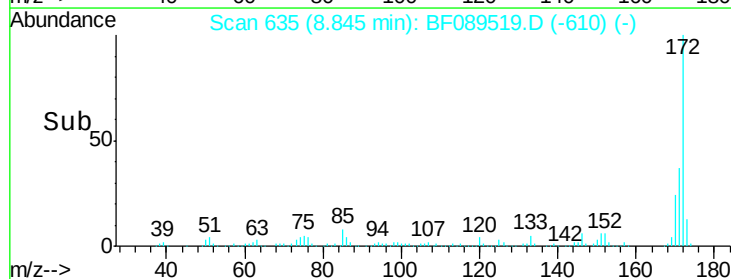
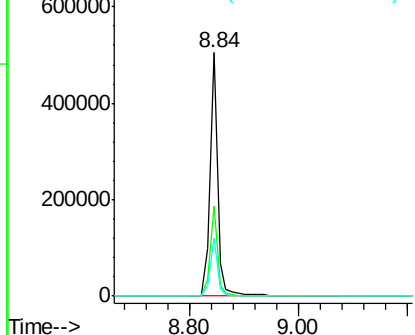


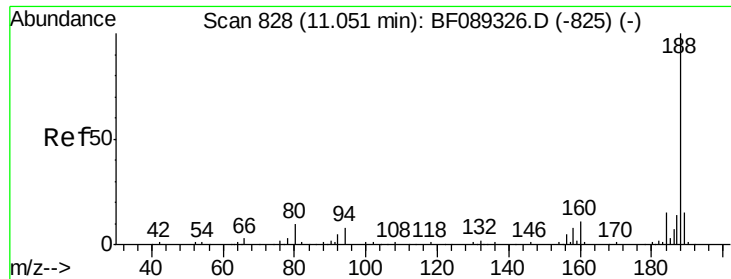
#44
 2-Fluorobiphenyl
 Concen: 100.48 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089519.D
 Acq: 1 Aug 2016 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	23.9	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

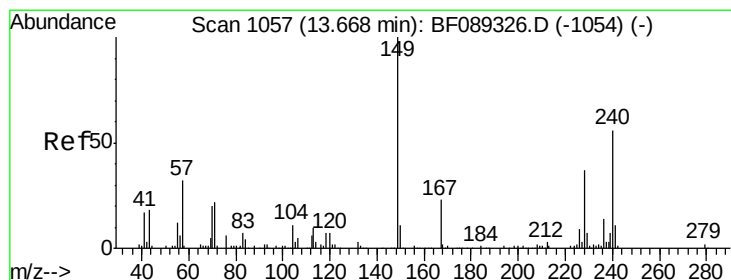
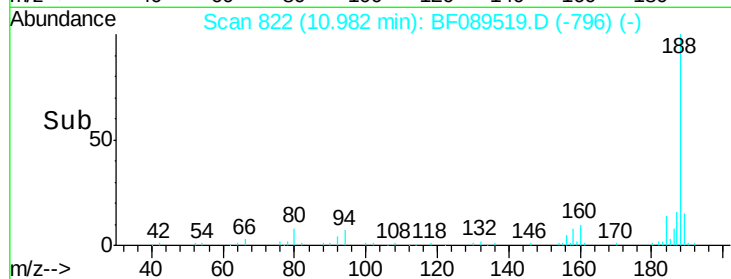
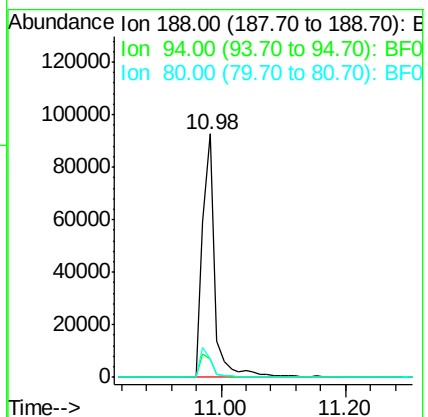
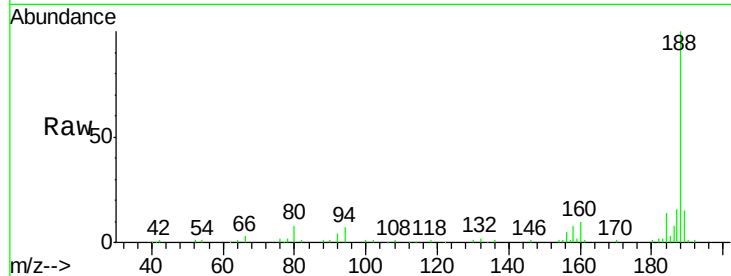




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

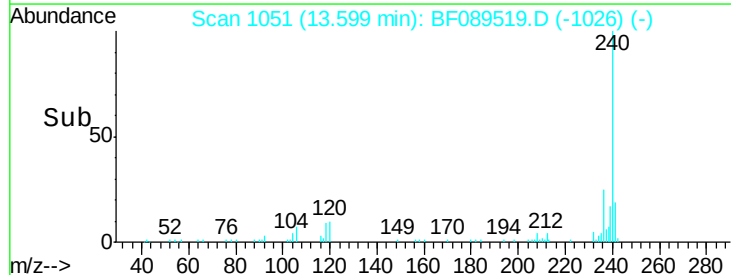
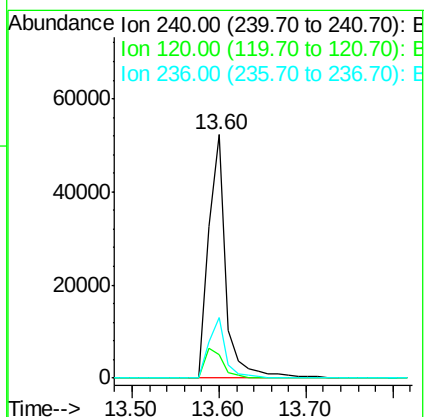
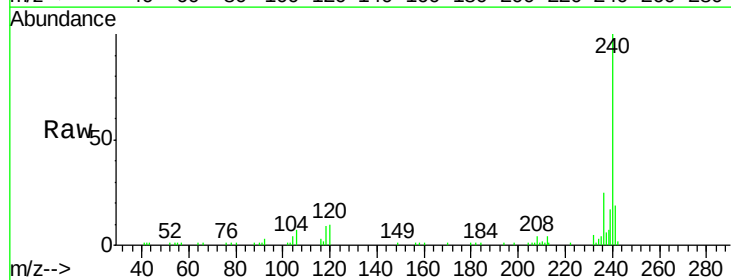
Instrument :
BNA_F
ClientSampleId :
MW-04

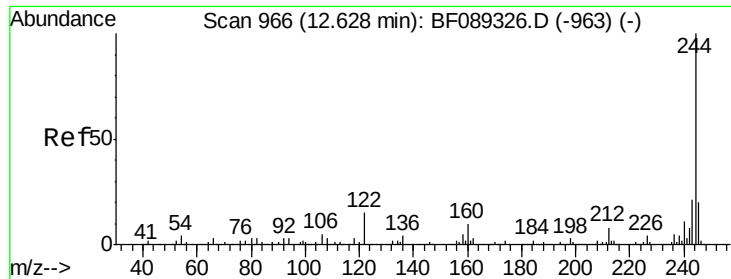
Tot Ion:188 Resp: 128821
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 7.6 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:240 Resp: 72582
Ion Ratio Lower Upper
240 100
120 9.6 9.1 13.7
236 24.9 20.6 30.8

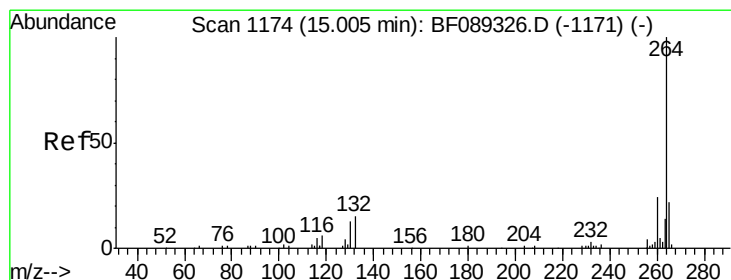
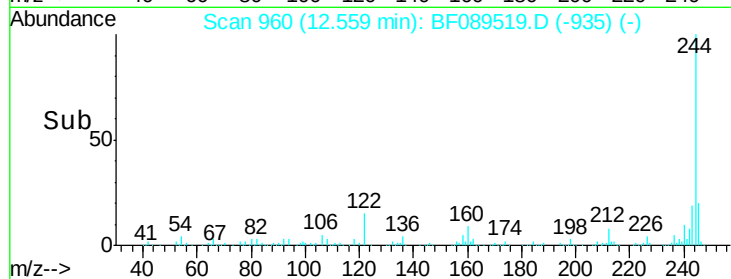
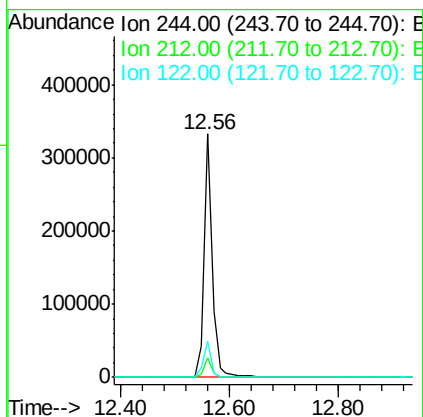
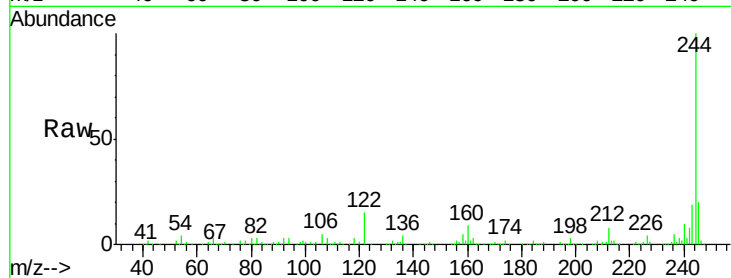




#78
 Terphenyl-d14
 Concen: 110.62 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF089519.D
 Acq: 1 Aug 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion:244 Resp: 343059
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 14.9 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF089519.D
 Acq: 1 Aug 2016 19:26

Tgt Ion:264 Resp: 69957
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.5 17.5 26.3

