

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089399.D
 Acq On : 29 Jul 2016 8:51
 Operator : UM/SJ
 Sample : H4239-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

Quant Time: Jul 29 11:22:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	50325	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	195669	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	85404	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	129850	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	102711	20.00	ng	-0.02
86) Perylene-d12	14.98	264	92138	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	376077	119.32	ng	0.01
7) Phenol-d6	6.19	99	466175	111.92	ng	-0.01
23) Nitrobenzene-d5	7.10	82	305096	92.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	77977	110.24	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	532524	91.51	ng	-0.02
78) Terphenyl-d14	12.60	244	322462	73.48	ng	-0.02

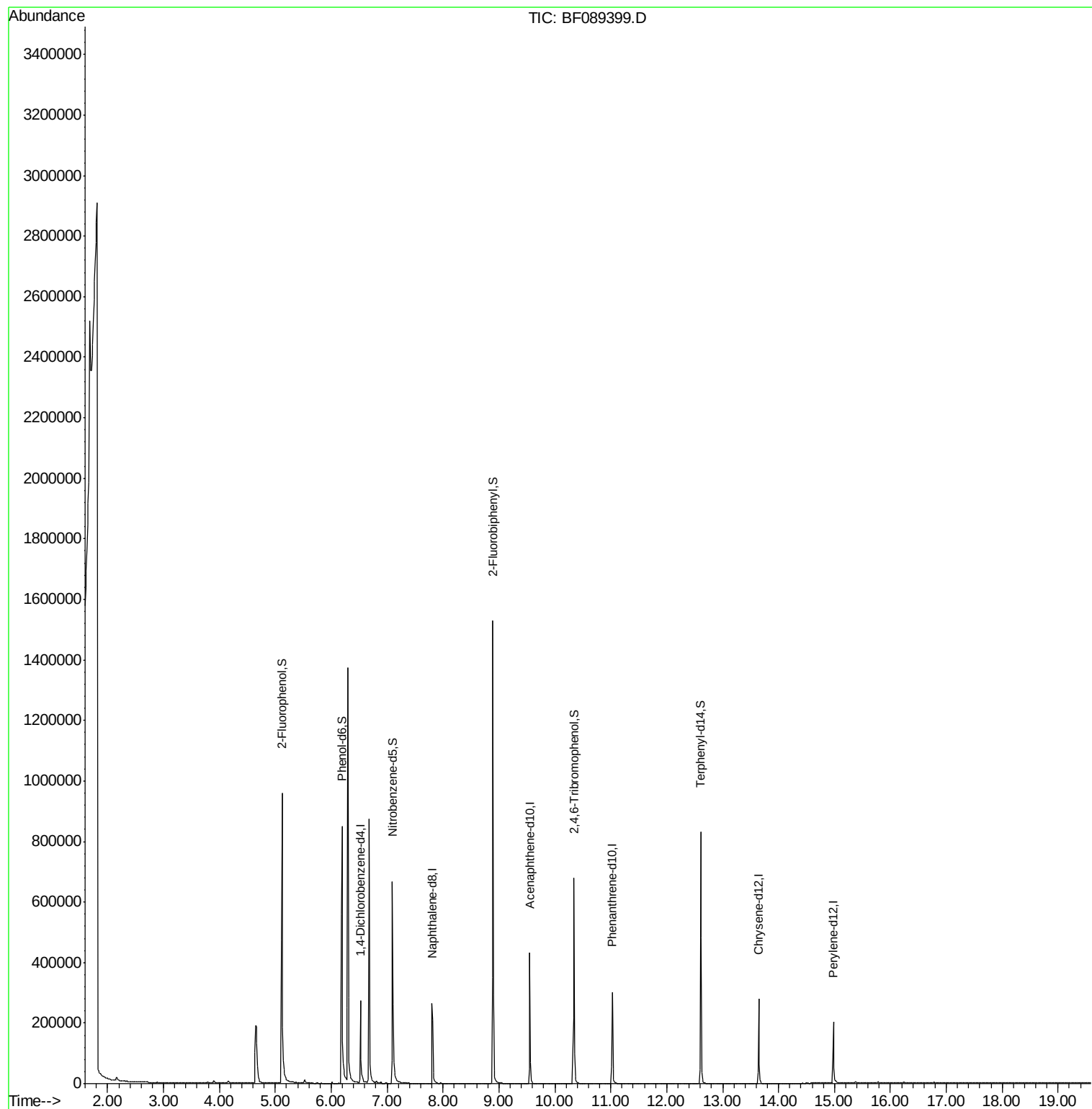
Target Compounds	Qvalue
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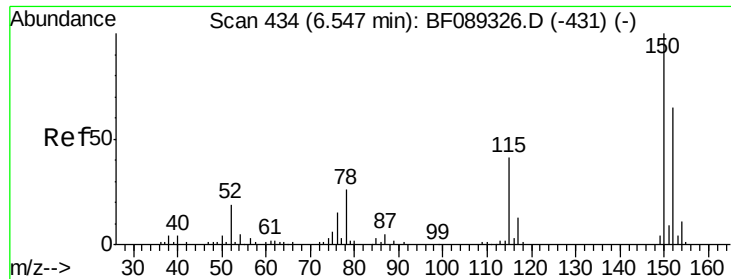
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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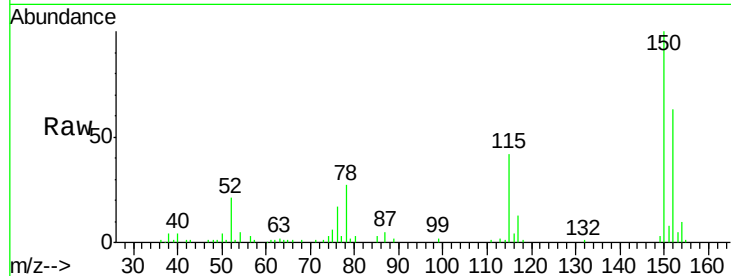




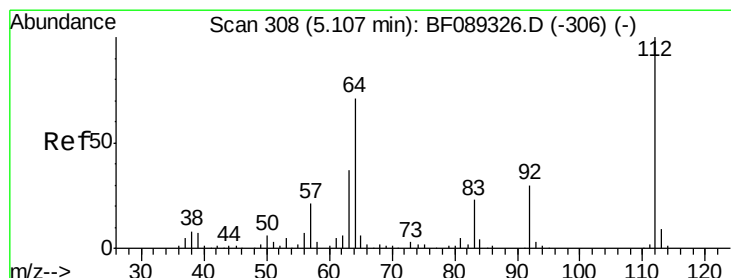
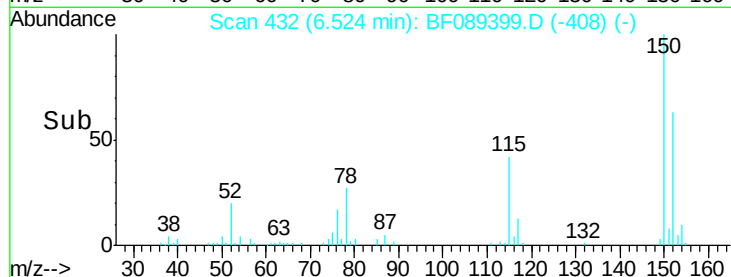
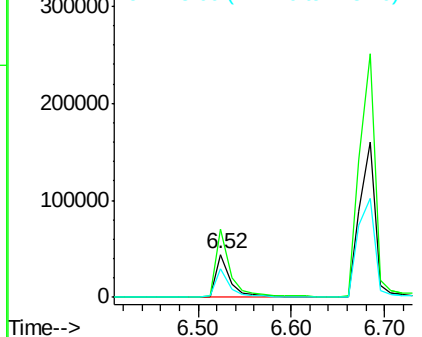
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

Tgt Ion:152 Resp: 50325
 Ion Ratio Lower Upper
 152 100
 150 158.5 129.5 194.3
 115 65.8 51.4 77.2

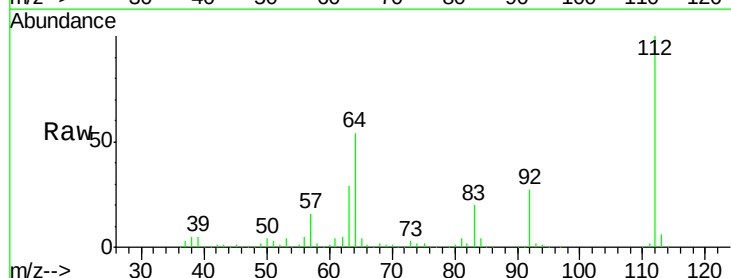


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

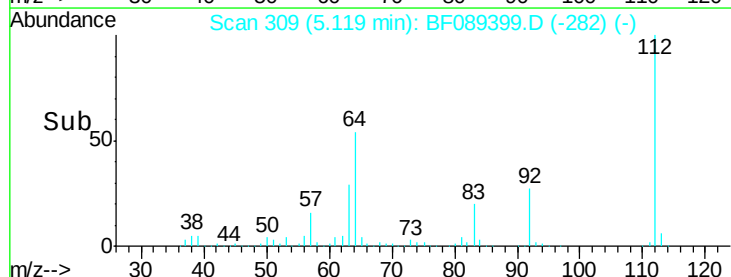
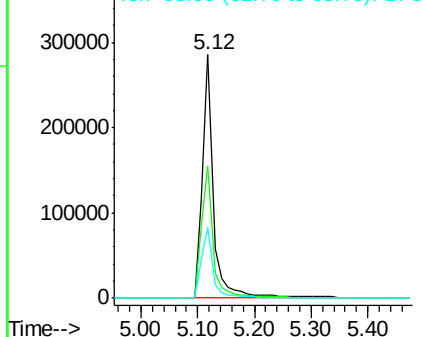


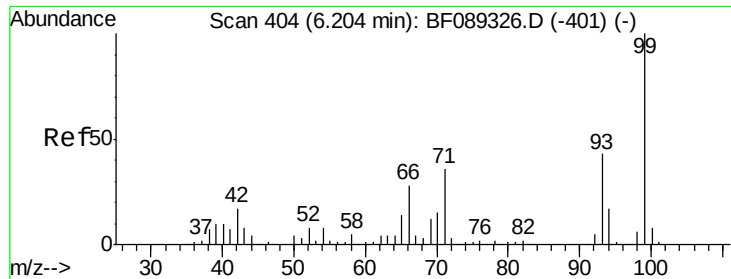
#5
 2-Fluorophenol
 Concen: 119.32 ng
 RT: 5.12 min Scan# 309
 Delta R.T. 0.01 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Tgt Ion:112 Resp: 376077
 Ion Ratio Lower Upper
 112 100
 64 54.4 55.0 82.6#
 63 29.0 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: 111.92 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

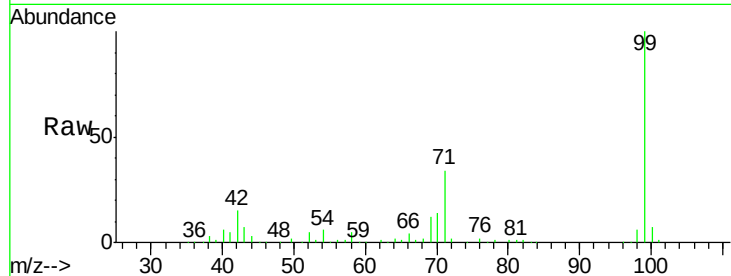
Tgt Ion: 99 Resp: 466175

Ion Ratio Lower Upper

99 100

42 14.6 13.6 20.4

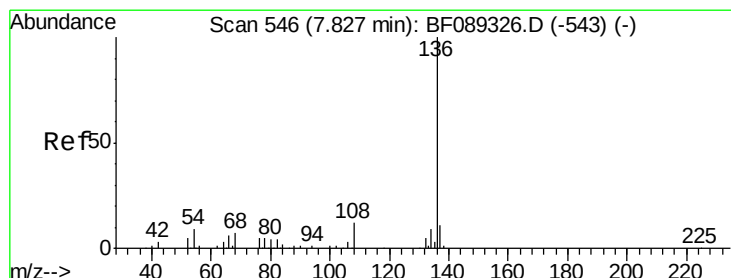
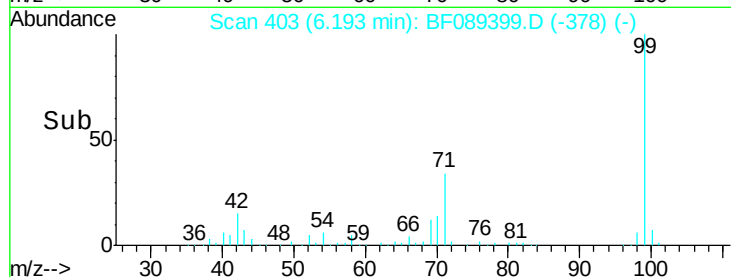
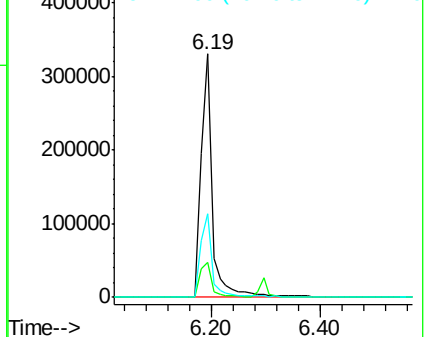
71 34.3 29.4 44.2



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: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Tgt Ion: 136 Resp: 195669

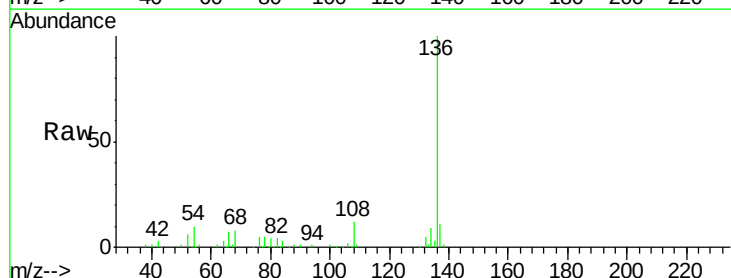
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 10.1 7.0 10.4

68 7.6 4.9 7.3#

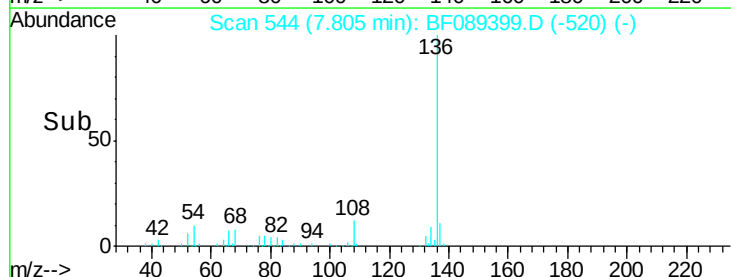
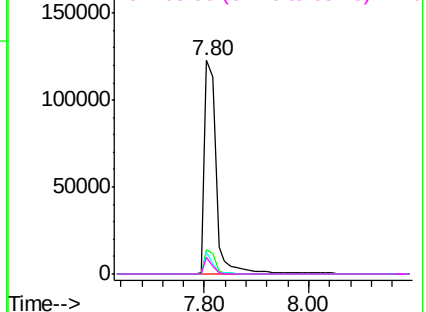


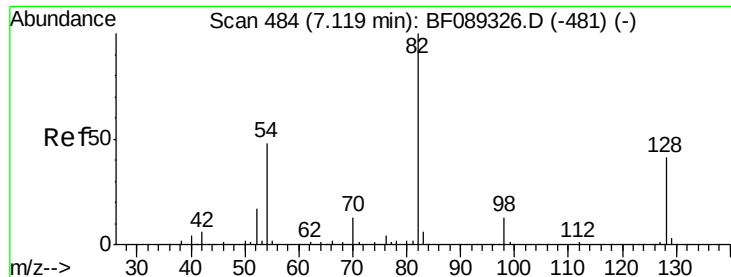
Abundance Ion 136.00 (135.70 to 136.70): E

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

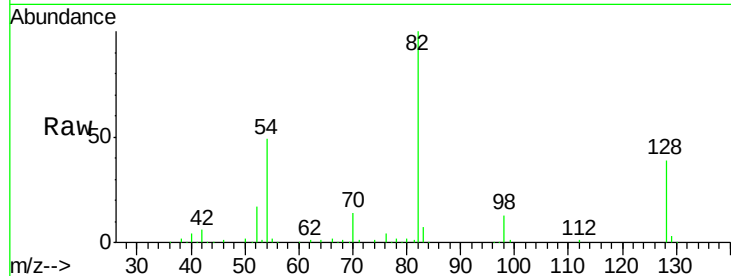




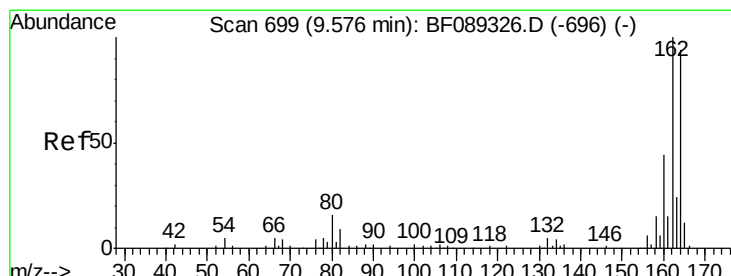
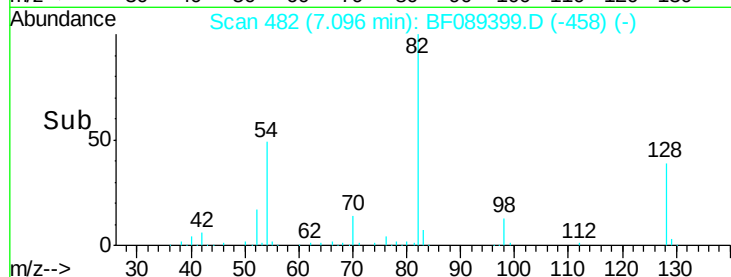
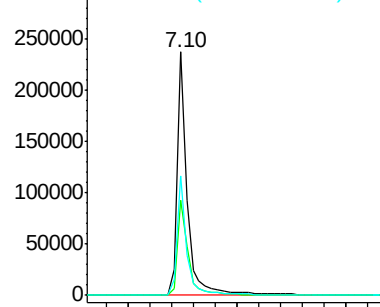
#23
 Nitrobenzene-d5
 Concen: 92.04 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.5	48.7
54	48.8	38.8	58.2

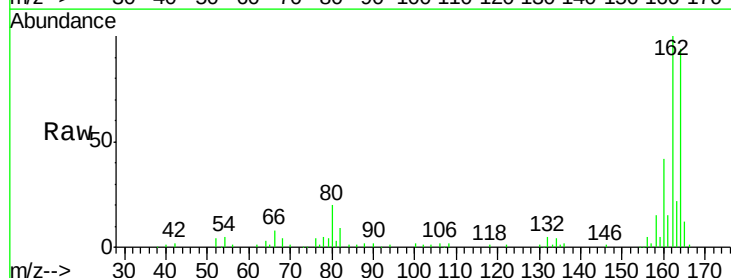


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

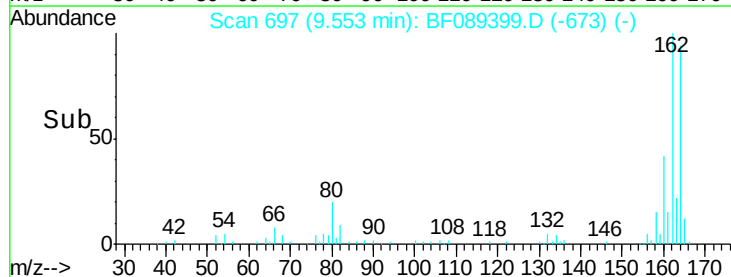
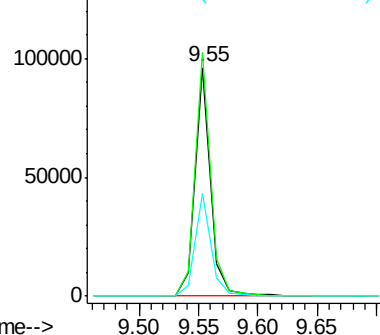


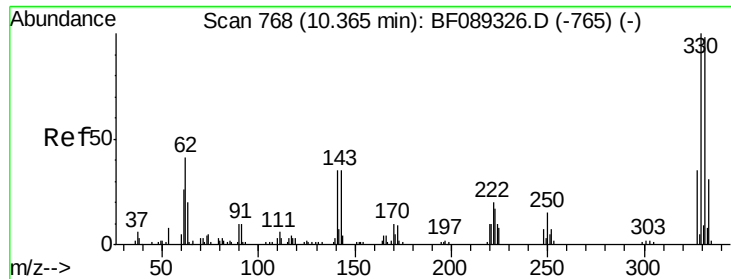
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.7	125.5
160	45.2	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

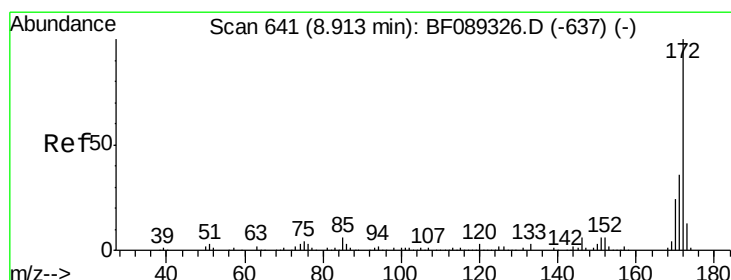
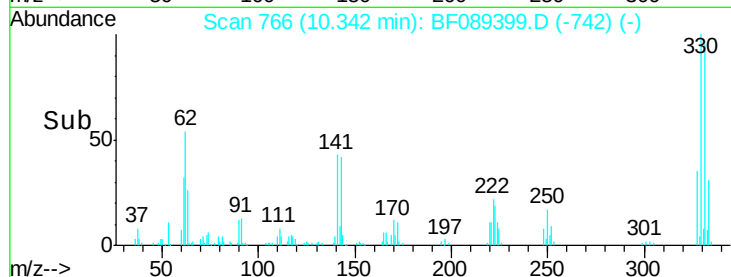
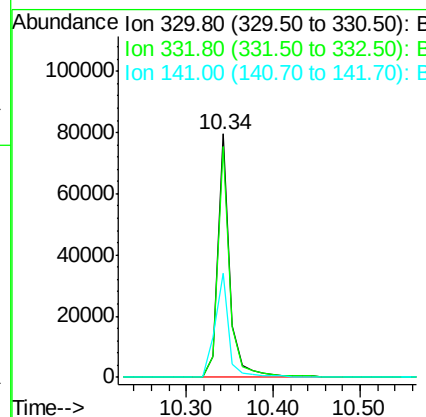
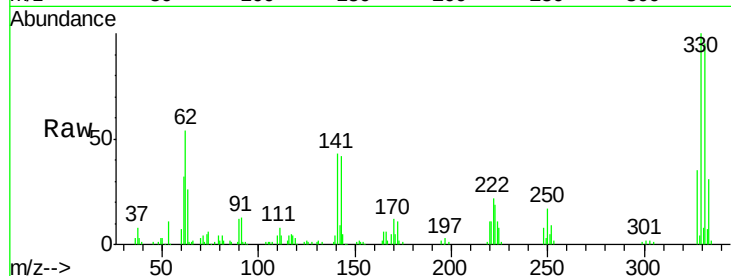




#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

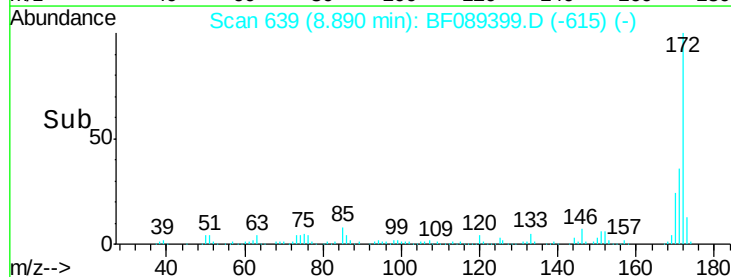
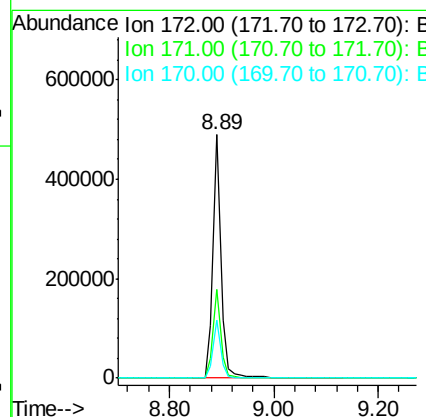
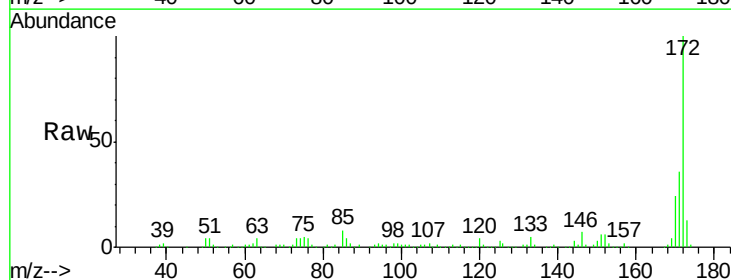
Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

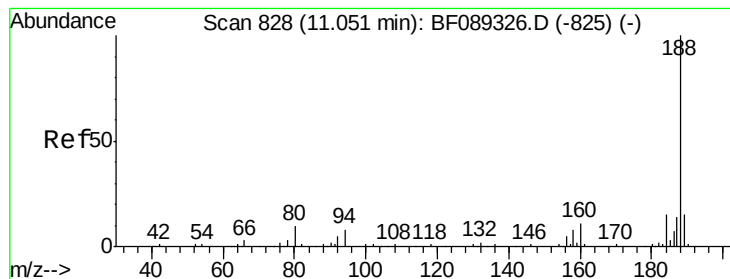
Tgt Ion:330 Resp: 77977
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 48.7 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 91.51 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Tgt Ion:172 Resp: 532524
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.7 19.2 28.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

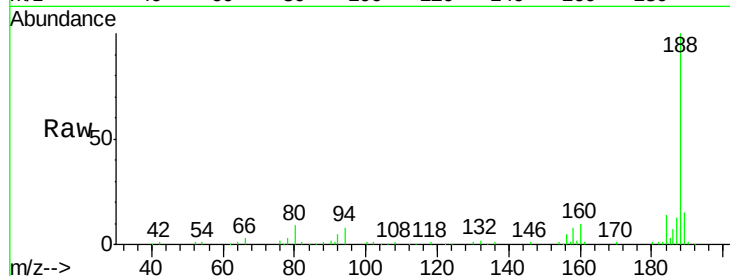
Tgt Ion:188 Resp: 129850

Ion Ratio Lower Upper

188 100

94 8.1 6.5 9.7

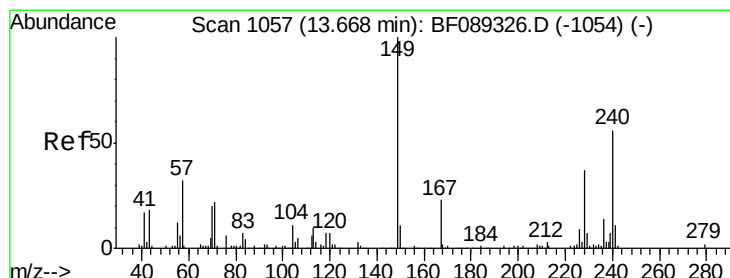
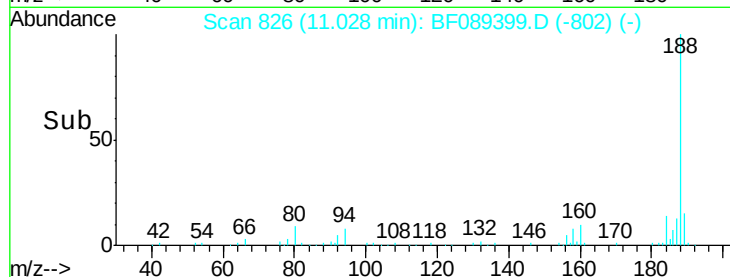
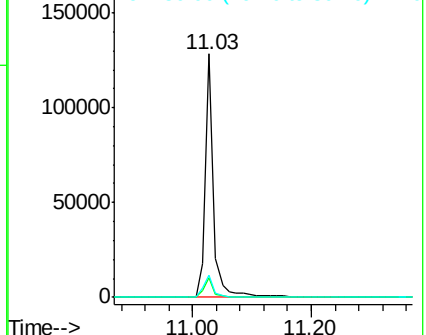
80 9.1 7.2 10.8



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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089399.D

Acq: 29 Jul 2016 8:51

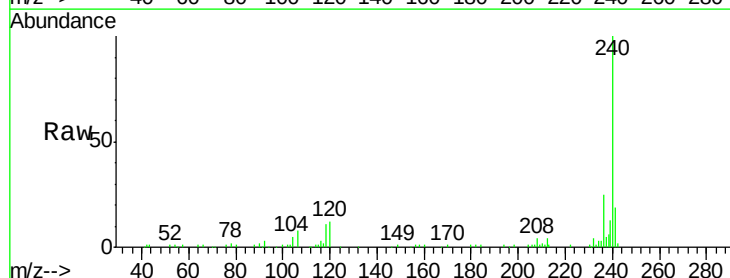
Tgt Ion:240 Resp: 102711

Ion Ratio Lower Upper

240 100

120 12.0 9.1 13.7

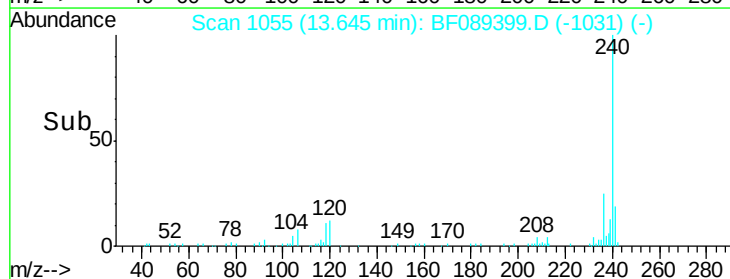
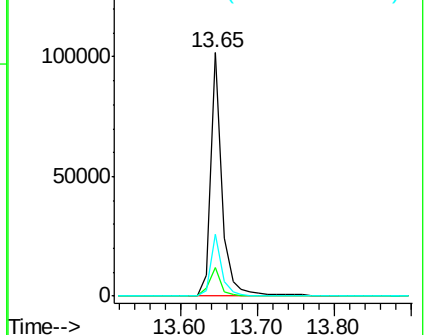
236 25.3 20.6 30.8

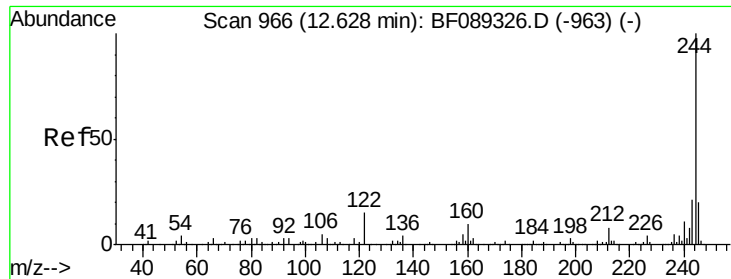


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

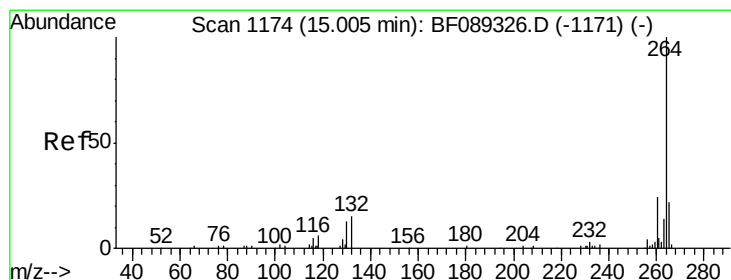
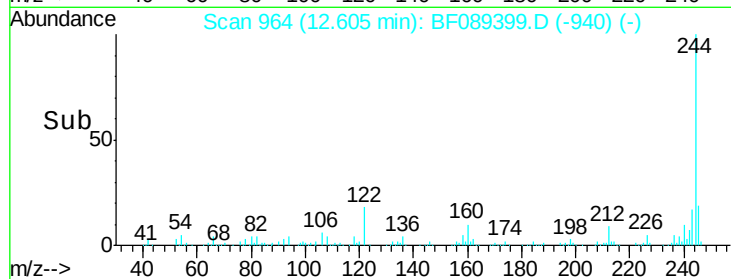
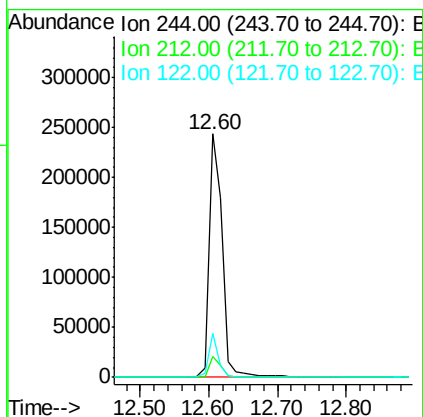
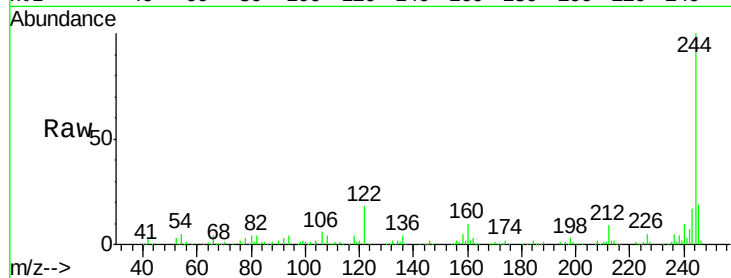




#78
 Terphenyl-d14
 Concen: 73.48 ng
 RT: 12.60 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

Tgt Ion:244 Resp: 322462
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 17.9 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089399.D
 Acq: 29 Jul 2016 8:51

Tgt Ion:264 Resp: 92138
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.2 17.5 26.3

