

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089412.D
 Acq On : 29 Jul 2016 15:17
 Operator : UM/SJ
 Sample : H4200-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1607084521RE

Quant Time: Jul 29 16:03:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

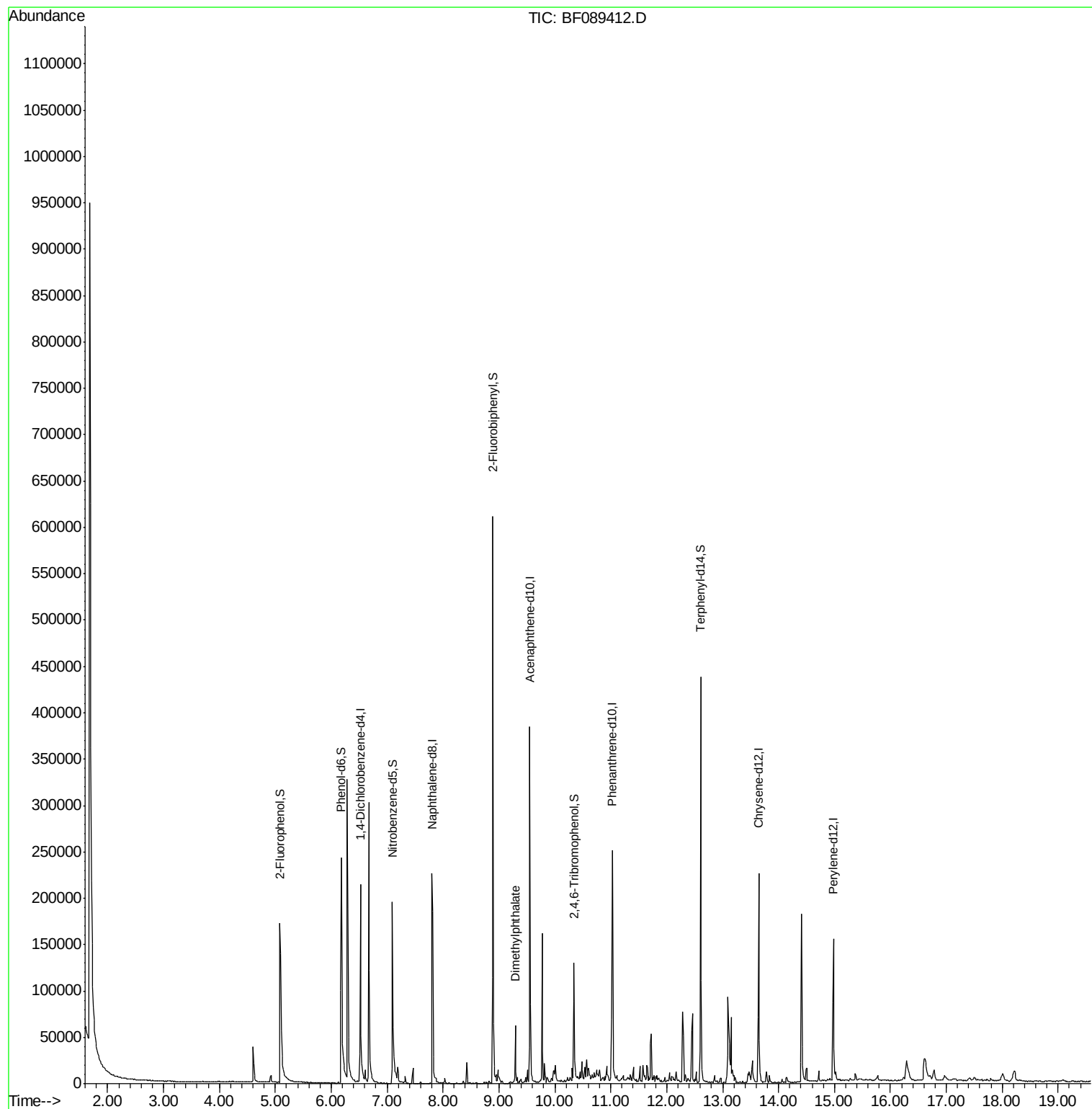
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	43285	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	169052	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	71529	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	109477	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	88959	20.00	ng	-0.02
86) Perylene-d12	14.98	264	76201	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	104089	38.40	ng	-0.02
7) Phenol-d6	6.18	99	152941	42.69	ng	-0.02
23) Nitrobenzene-d5	7.10	82	99370	34.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	19375	32.71	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	205689	42.20	ng	-0.02
78) Terphenyl-d14	12.60	244	139439	36.69	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.29	163	26308	4.83	ng	Qvalue 98

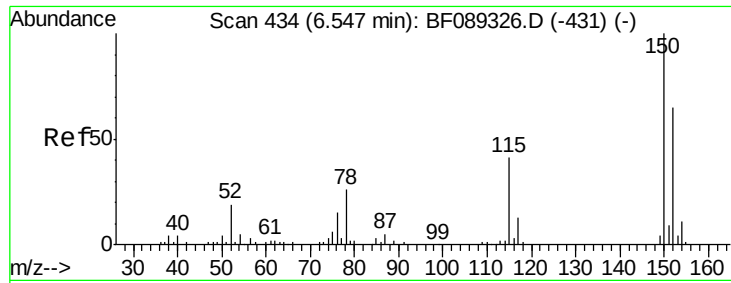
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089412.D

Acq: 29 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

1607084521RE

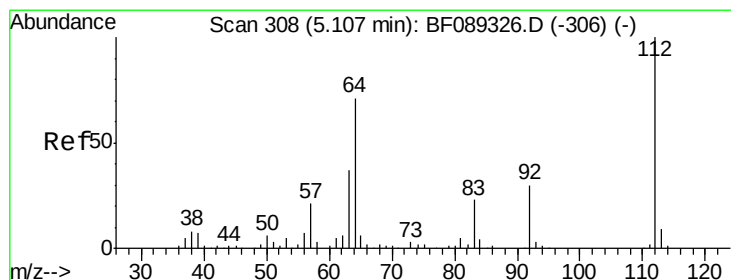
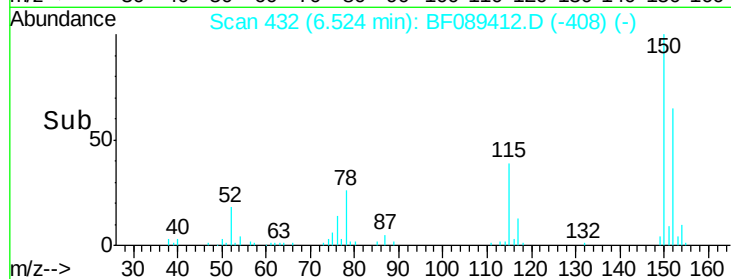
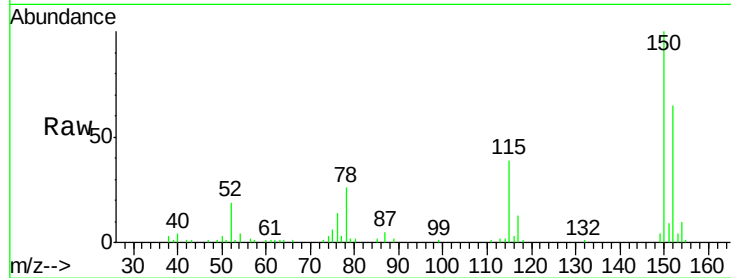
Tgt Ion:152 Resp: 43285

Ion Ratio Lower Upper

152 100

150 154.9 129.5 194.3

115 60.7 51.4 77.2



#5

2-Fluorophenol

Concen: 38.40 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089412.D

Acq: 29 Jul 2016 15:17

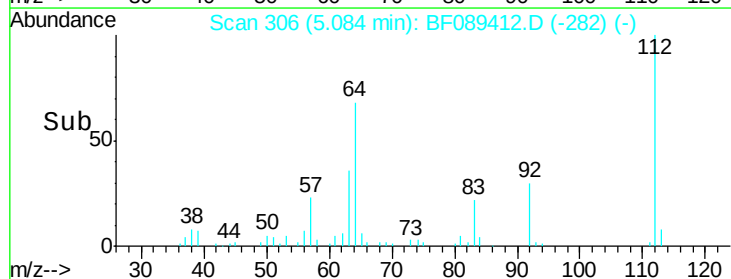
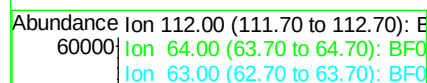
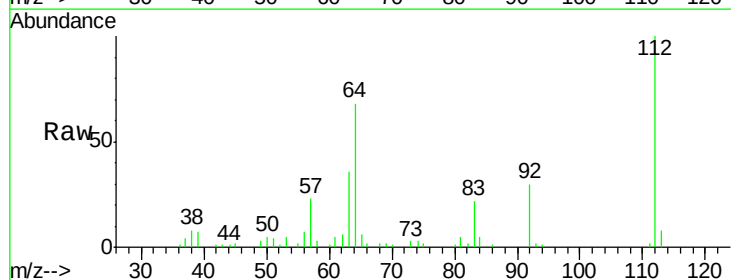
Tgt Ion:112 Resp: 104089

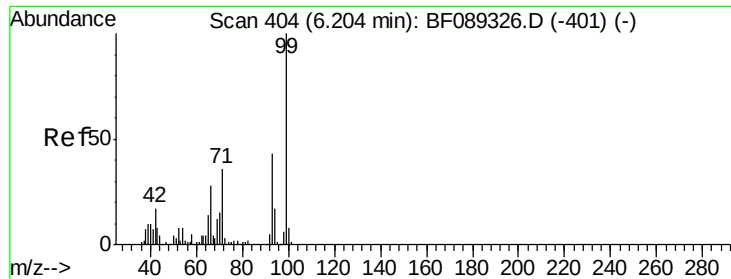
Ion Ratio Lower Upper

112 100

64 68.4 55.0 82.6

63 36.4 29.4 44.2





#7

Phenol-d6

Concen: 42.69 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089412.D

Acq: 29 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

1607084521RE

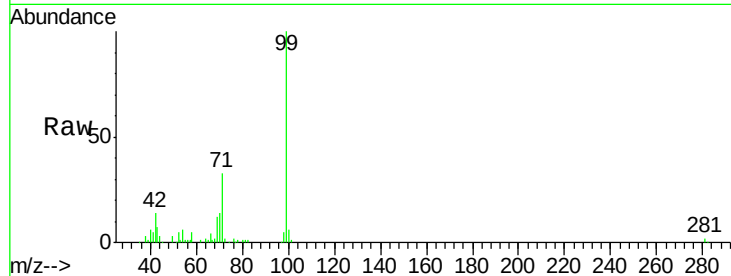
Tgt Ion: 99 Resp: 152941

Ion Ratio Lower Upper

99 100

42 14.3 13.6 20.4

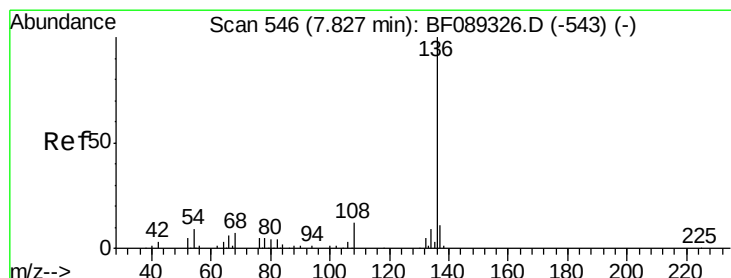
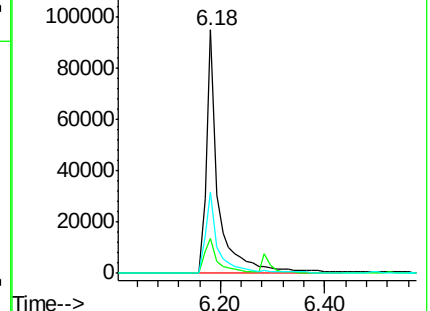
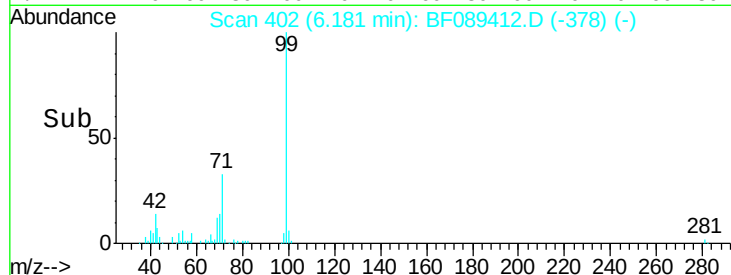
71 33.4 29.4 44.2



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: BF089412.D

Acq: 29 Jul 2016 15:17

Tgt Ion: 136 Resp: 169052

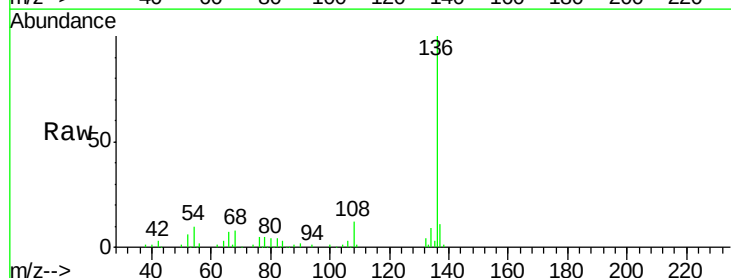
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 10.3 7.0 10.4

68 7.7 4.9 7.3#

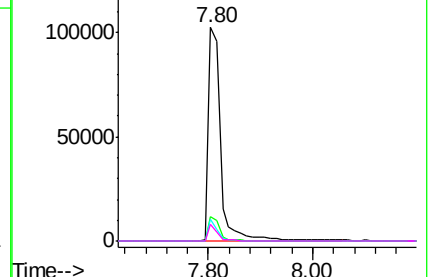
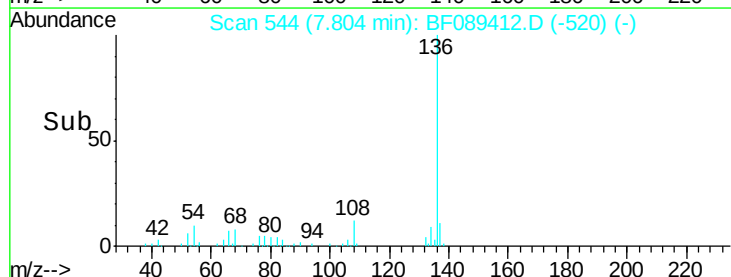


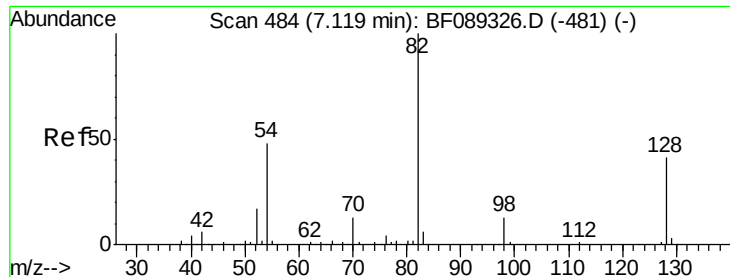
Abundance Ion 136.00 (135.70 to 136.70): E

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

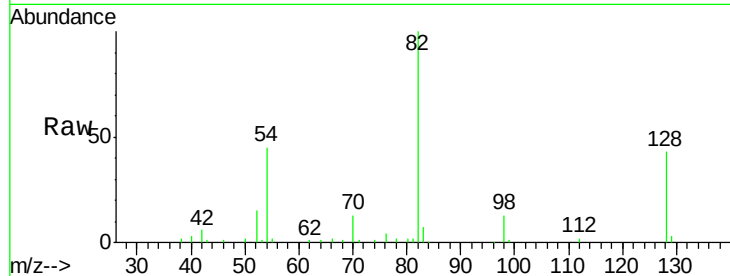




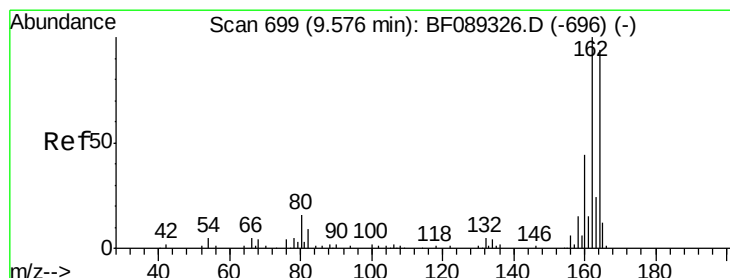
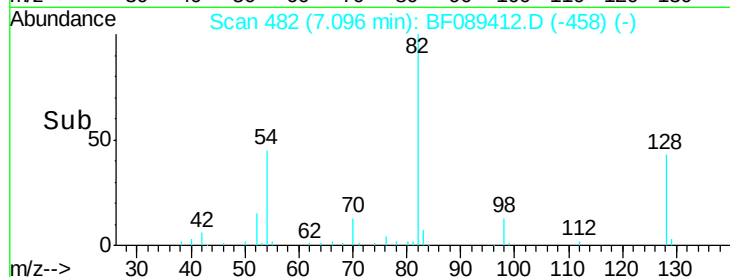
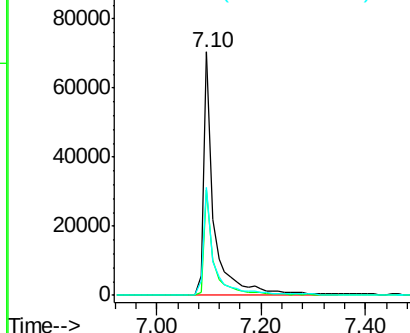
#23
 Nitrobenzene-d5
 Concen: 34.70 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089412.D
 Acq: 29 Jul 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 1607084521RE

Tgt Ion: 82 Resp: 99370
 Ion Ratio Lower Upper
 82 100
 128 43.3 32.5 48.7
 54 44.5 38.8 58.2

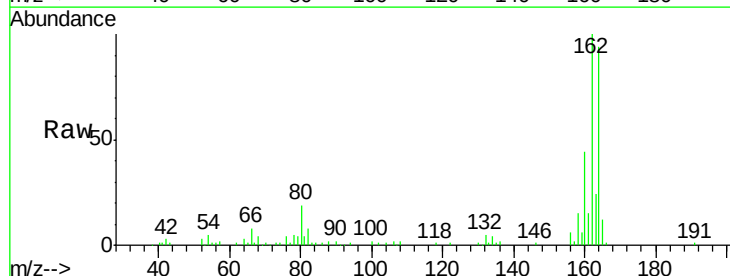


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

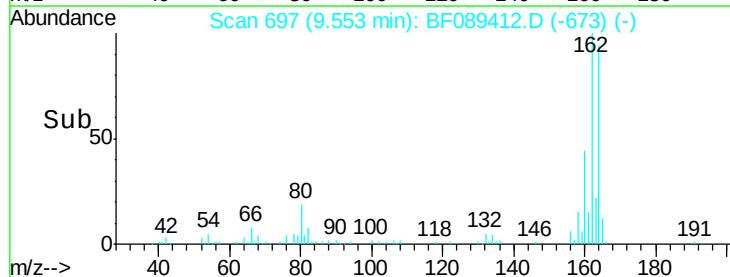
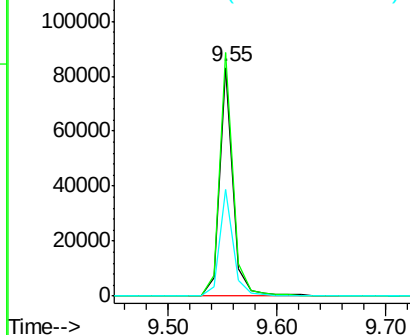


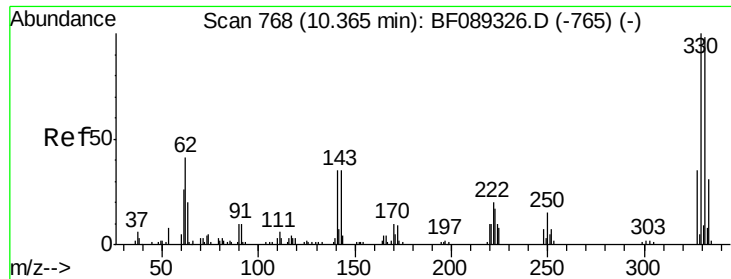
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089412.D
 Acq: 29 Jul 2016 15:17

Tgt Ion: 164 Resp: 71529
 Ion Ratio Lower Upper
 164 100
 162 106.6 83.7 125.5
 160 46.5 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

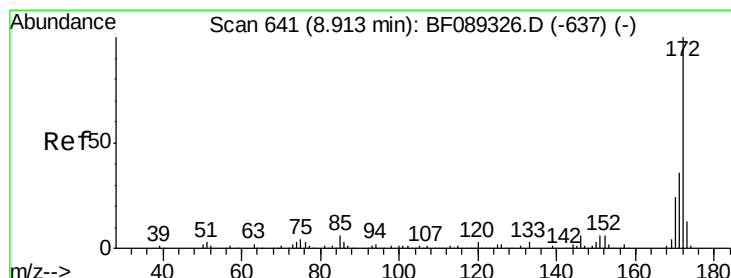
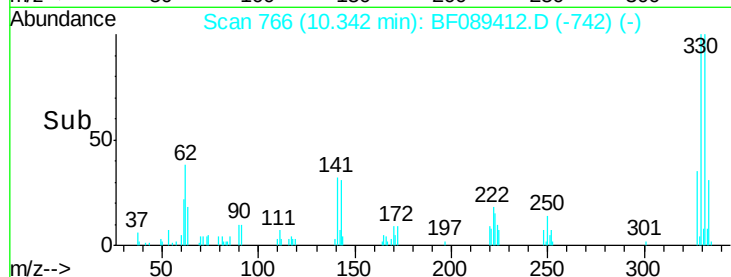
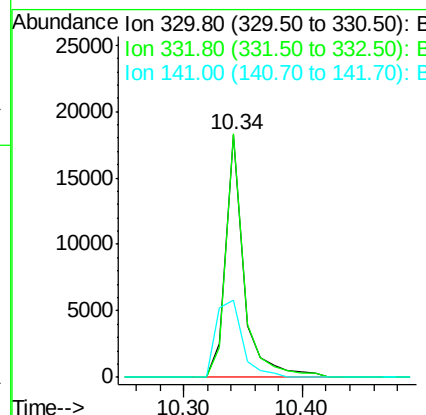
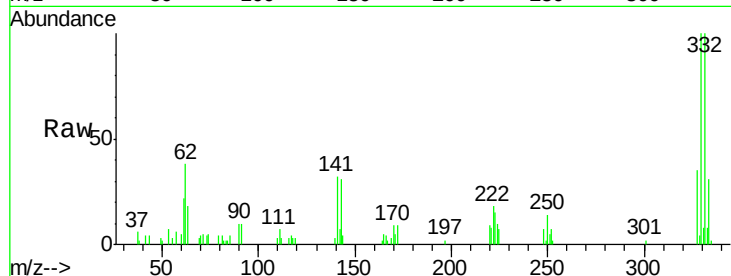




#41
 2,4,6-Tribromophenol
 Concen: 32.71 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089412.D
 Acq: 29 Jul 2016 15:17

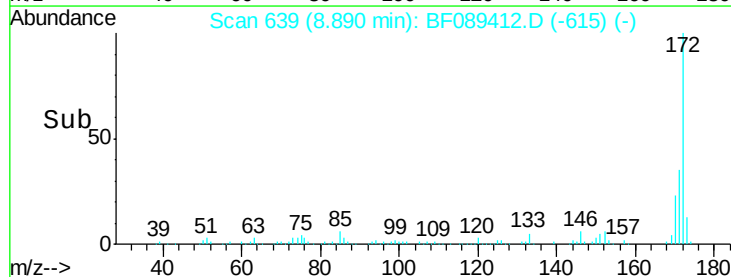
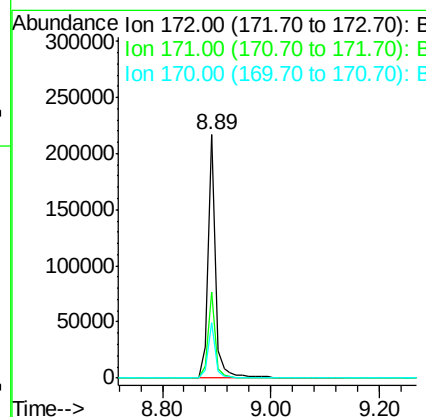
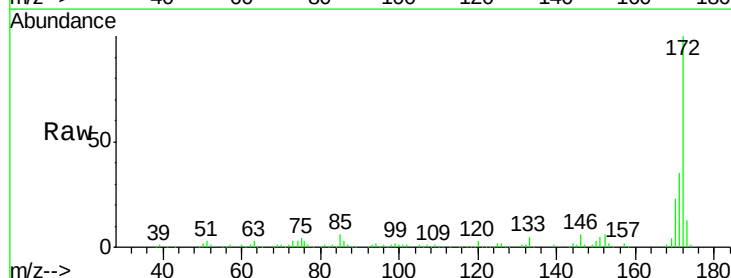
Instrument :
 BNA_F
 ClientSampleId :
 1607084521RE

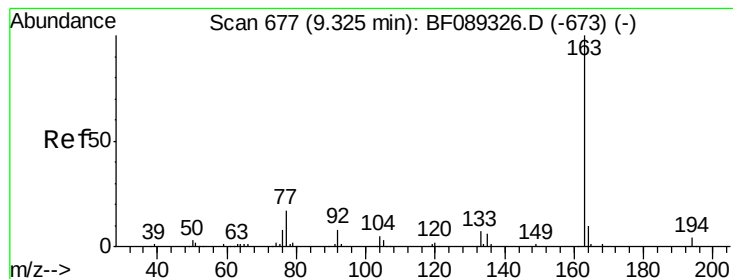
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.8	115.2
141	46.6	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 42.20 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089412.D
 Acq: 29 Jul 2016 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.2	43.8
170	22.9	19.2	28.8





#49

Dimethylphthalate

Concen: 4.83 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF089412.D

Acq: 29 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

1607084521RE

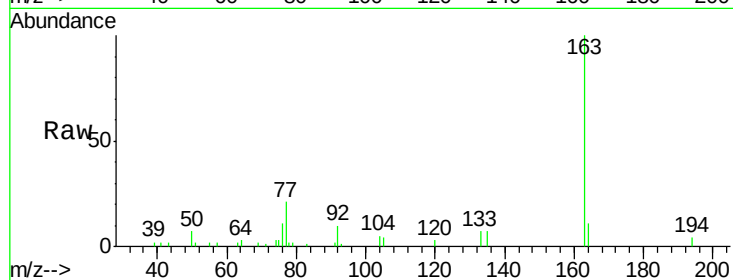
Tgt Ion:163 Resp: 26308

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

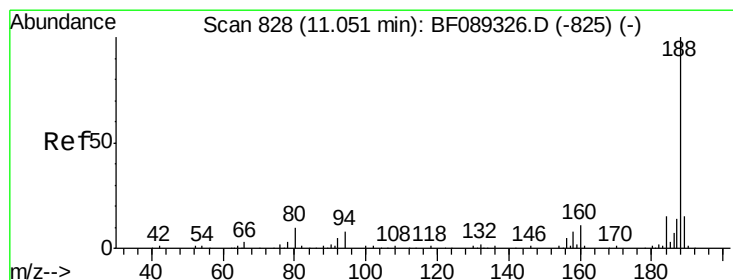
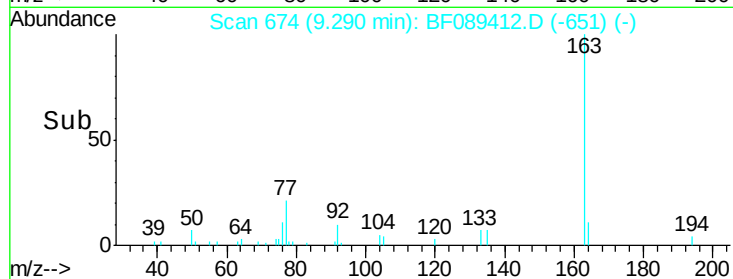
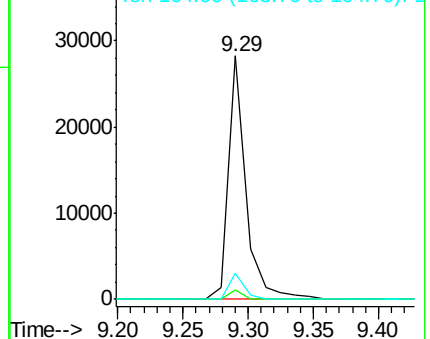
164 10.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF089412.D

Acq: 29 Jul 2016 15:17

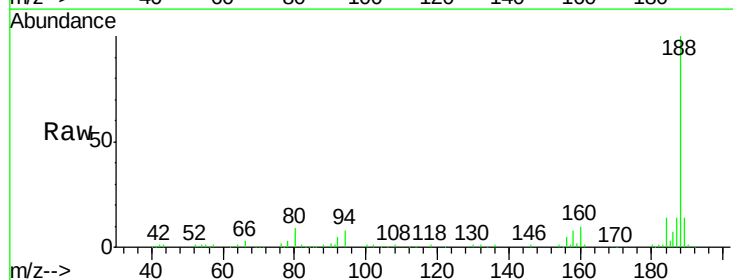
Tgt Ion:188 Resp: 109477

Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

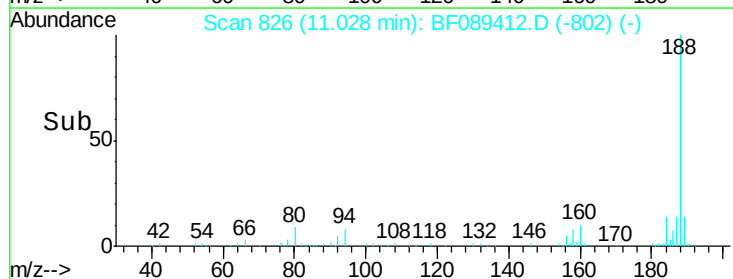
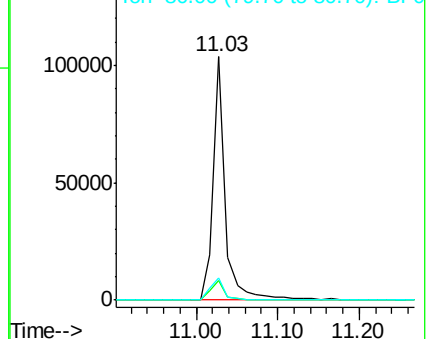
80 9.3 7.2 10.8

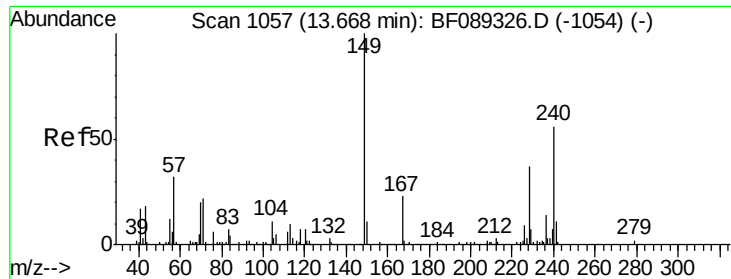


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089412.D

Acq: 29 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

1607084521RE

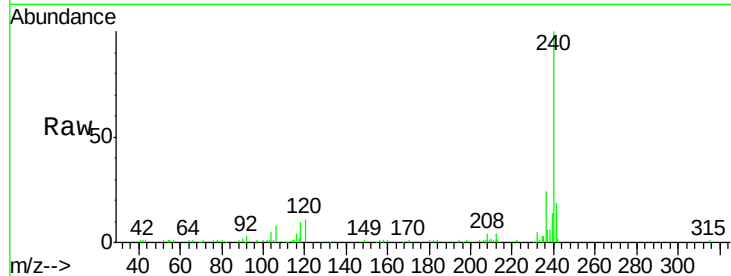
Tgt Ion:240 Resp: 88959

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

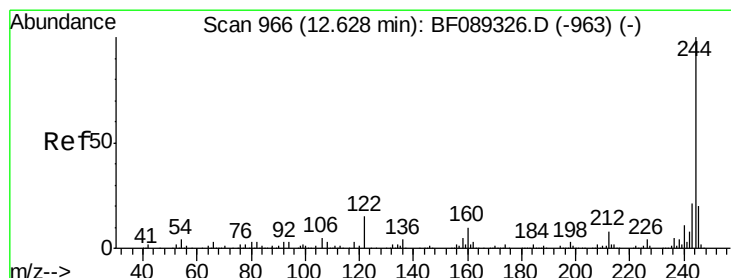
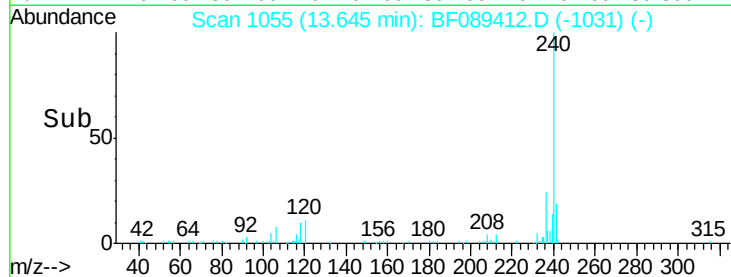
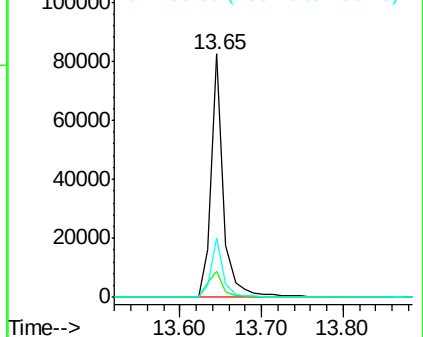
236 24.3 20.6 30.8



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: 36.69 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089412.D

Acq: 29 Jul 2016 15:17

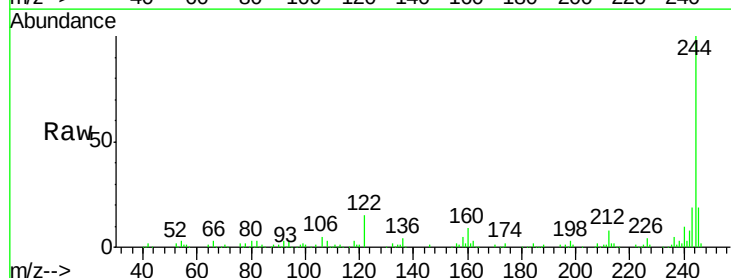
Tgt Ion:244 Resp: 139439

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

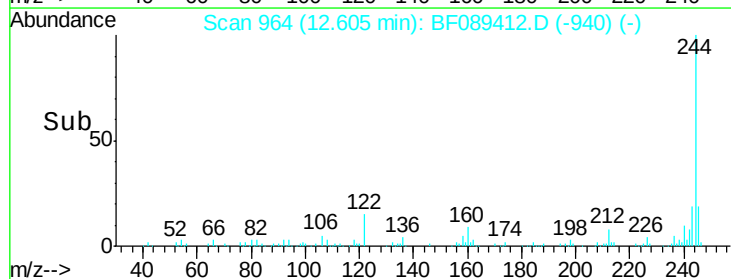
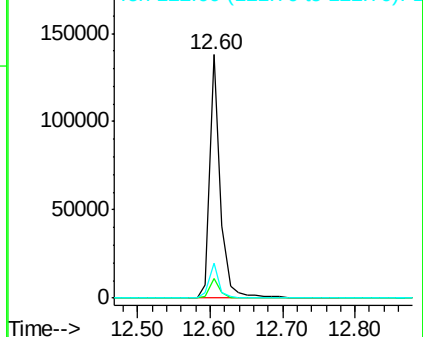
122 14.6 11.4 17.0

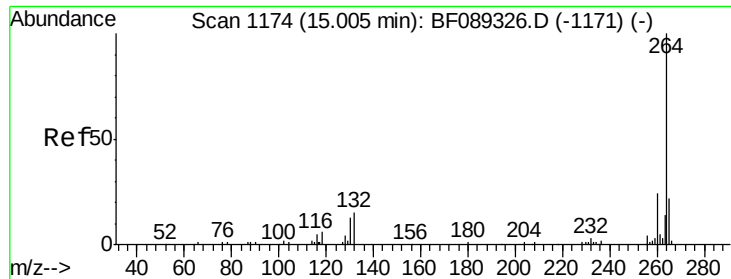


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089412.D
Acq: 29 Jul 2016 15:17

Instrument :
BNA_F
ClientSampleId :
1607084521RE

Tgt Ion: 264 Resp: 76201
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.0 17.5 26.3

