

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087966.D
 Acq On : 12 Jun 2016 23:55
 Operator : UM/SJ
 Sample : H3473-05
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1037-(0-4)

Quant Time: Jun 13 06:45:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

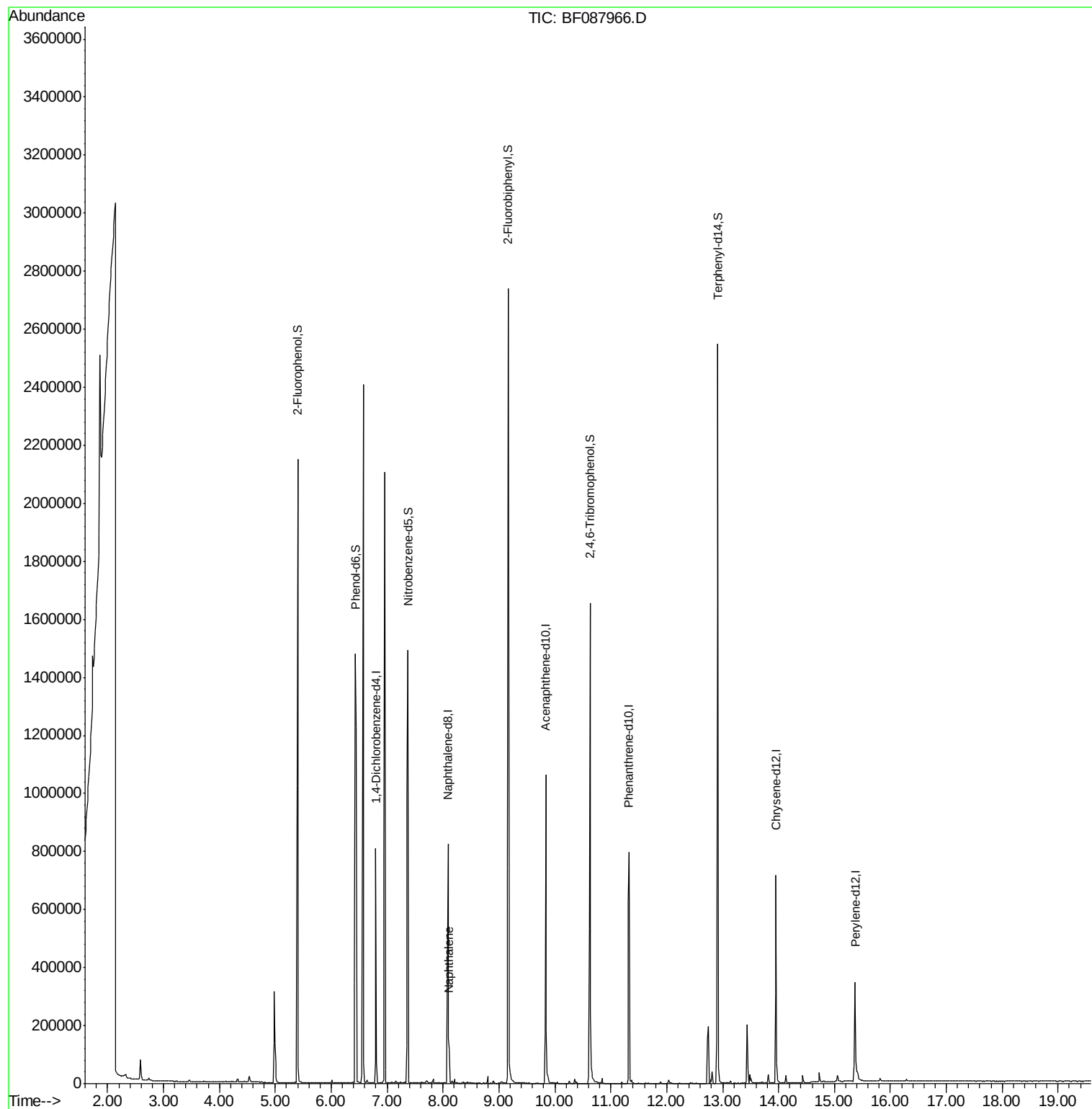
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	113084	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	464285	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	225304	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	407488	20.00	ng	0.00
75) Chrysene-d12	13.95	240	289825	20.00	ng	-0.01
86) Perylene-d12	15.37	264	231313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	684651	103.50	ng	0.02
7) Phenol-d6	6.43	99	848283	105.81	ng	-0.01
23) Nitrobenzene-d5	7.37	82	633740	79.71	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	216547	91.03	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1027730	70.73	ng	-0.01
78) Terphenyl-d14	12.91	244	1007691	79.12	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	94081	4.09	ng	Qvalue 98

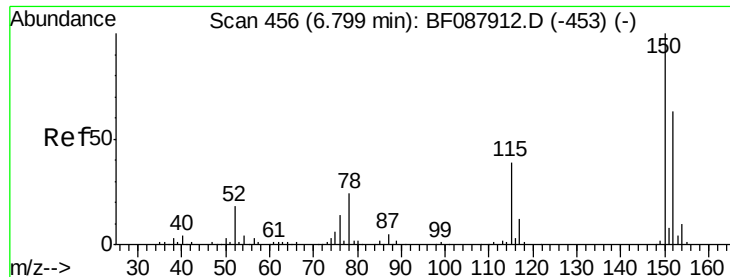
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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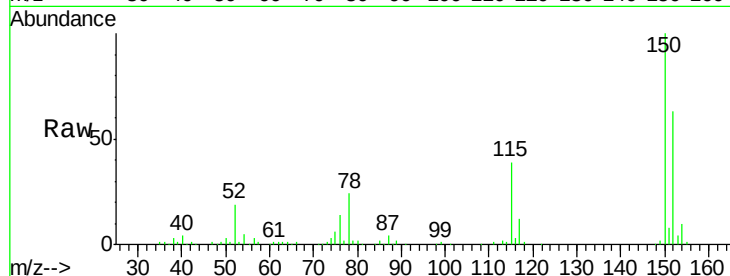


#1

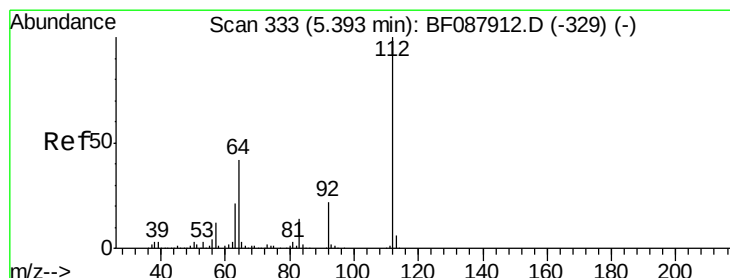
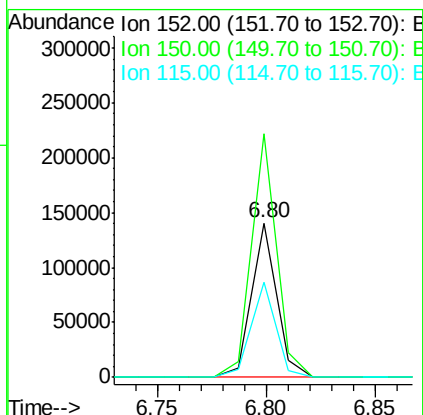
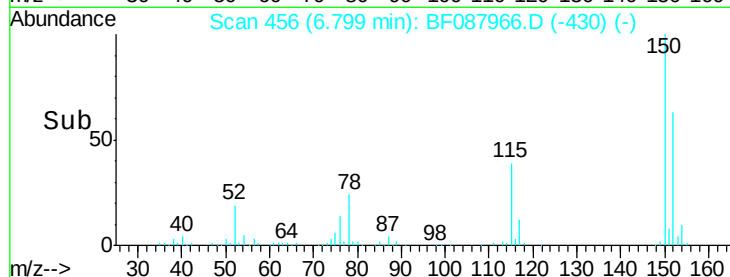
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF087966.D
 Acq: 12 Jun 2016 23:55

Instrument :
 BNA_F
 ClientSampleId :
 STA-1037-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.8	185.6
115	61.7	39.6	59.4



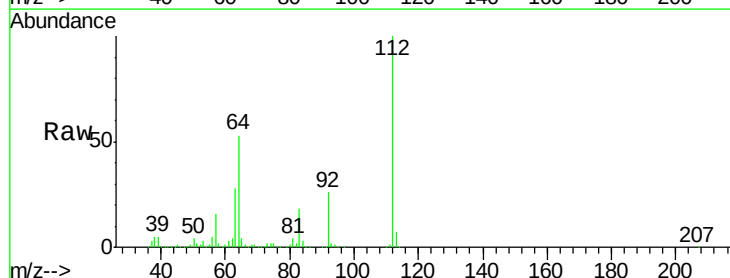
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



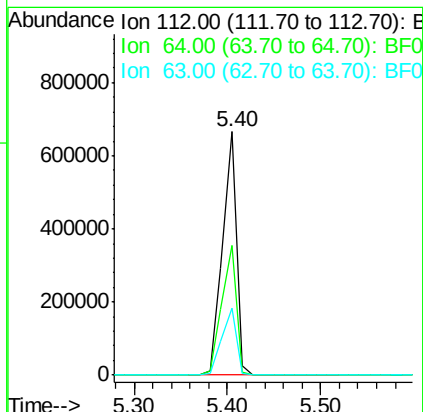
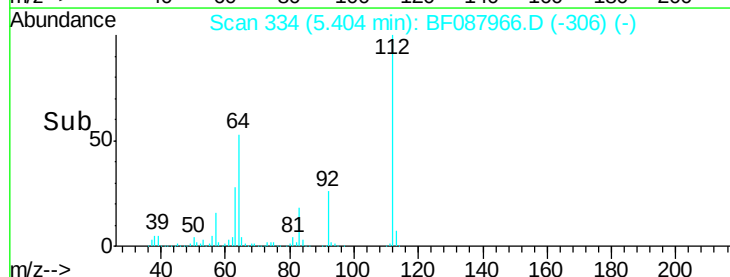
#5

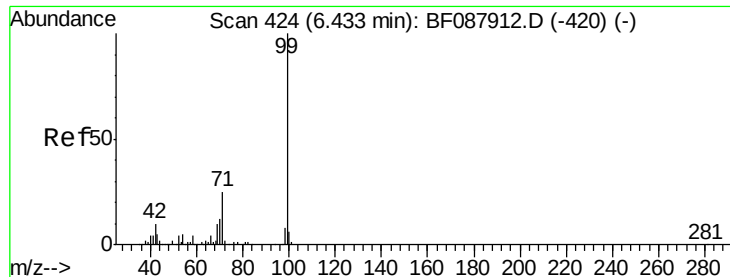
2-Fluorophenol
 Concen: 103.50 ng
 RT: 5.40 min Scan# 334
 Delta R.T. 0.02 min
 Lab File: BF087966.D
 Acq: 12 Jun 2016 23:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.2	63.2
63	27.5	21.8	32.8



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: 105.81 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087966.D

Acq: 12 Jun 2016 23:55

Instrument :

BNA_F

ClientSampleId :

STA-1037-(0-4)

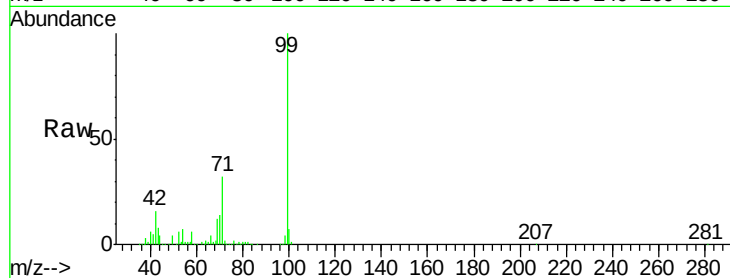
Tot Ion: 99 Resp: 848283

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

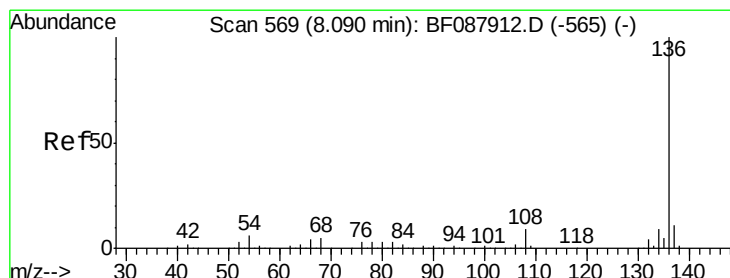
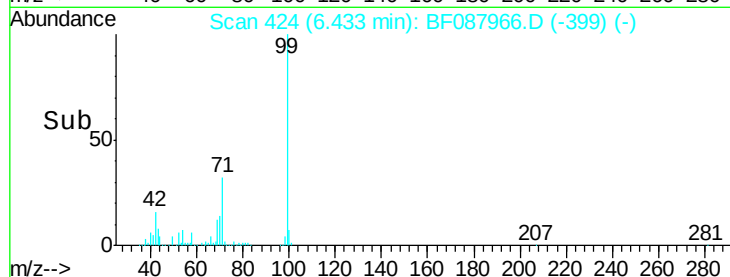
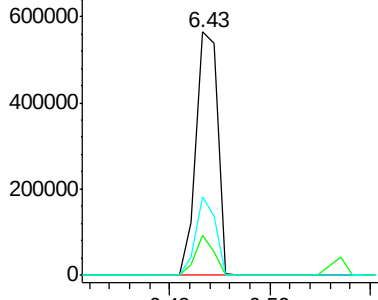
71 32.4 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087966.D

Acq: 12 Jun 2016 23:55

Tgt Ion: 136 Resp: 464285

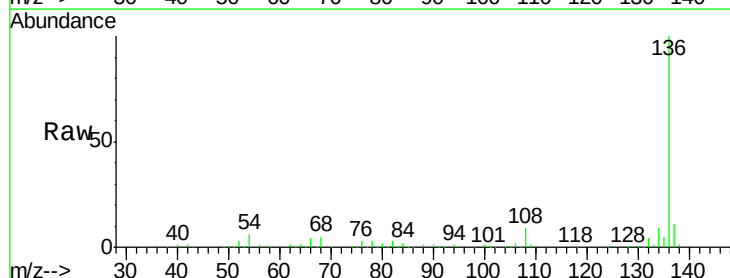
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.5 6.6 10.0#

68 4.8 5.1 7.7#

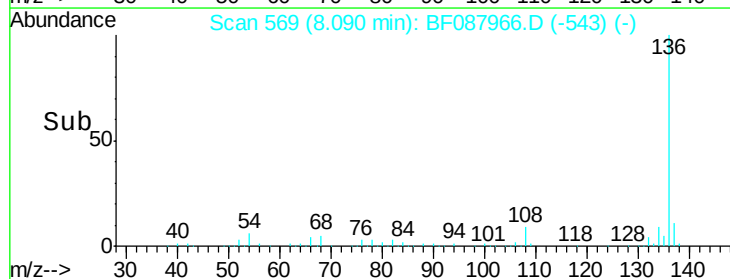
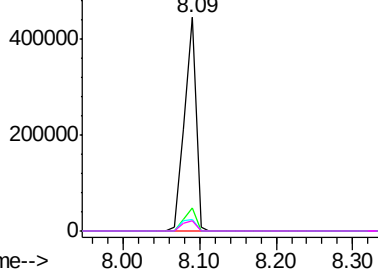


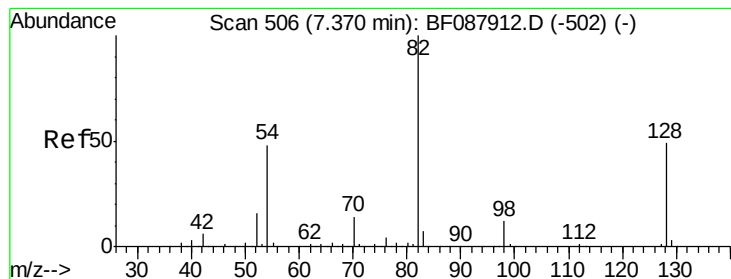
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.71 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF087966.D

Acq: 12 Jun 2016 23:55

Instrument :

BNA_F

ClientSampleId :

STA-1037-(0-4)

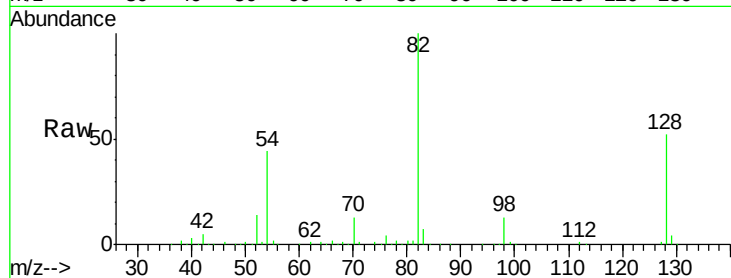
Tot Ion: 82 Resp: 633740

Ion Ratio Lower Upper

82 100

128 52.4 35.9 53.9

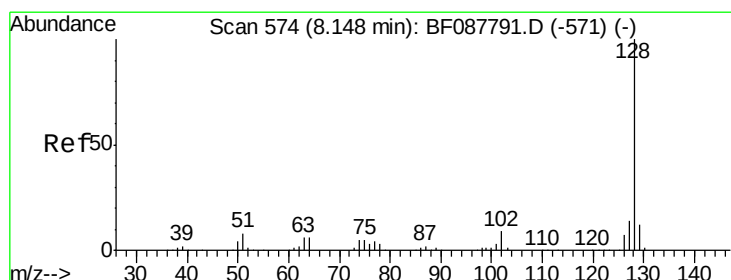
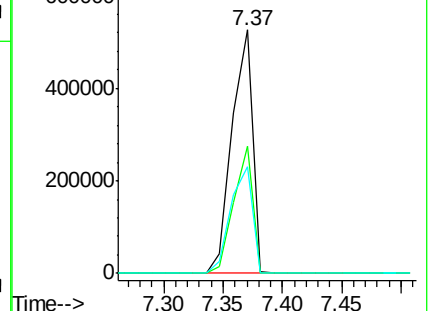
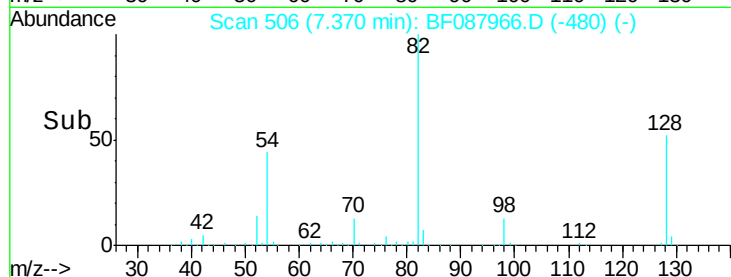
54 43.8 40.9 61.3



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



#31

Naphthalene

Concen: 4.09 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF087966.D

Acq: 12 Jun 2016 23:55

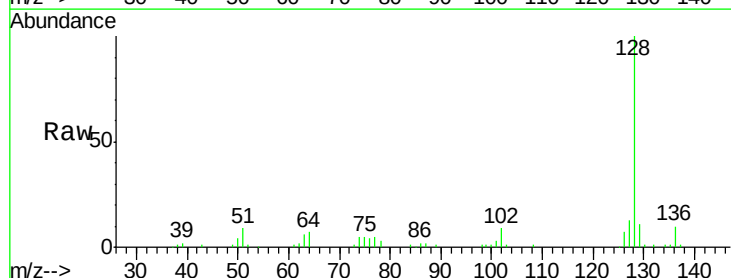
Tgt Ion:128 Resp: 94081

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

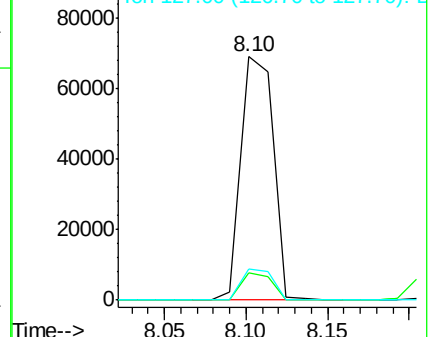
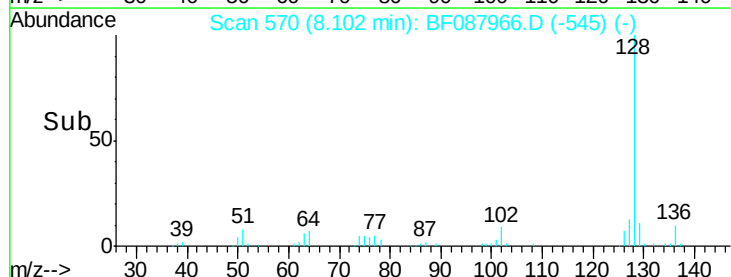
127 12.8 10.9 16.3

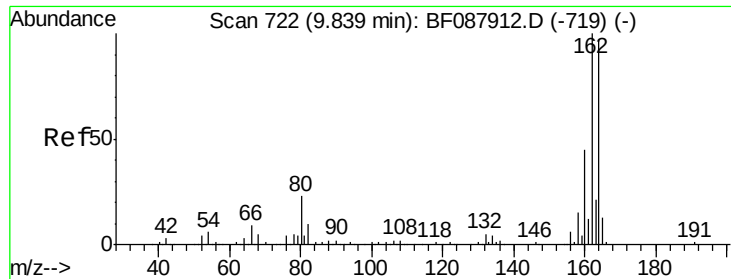


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087966.D

Acq: 12 Jun 2016 23:55

Instrument :

BNA_F

ClientSampleId :

STA-1037-(0-4)

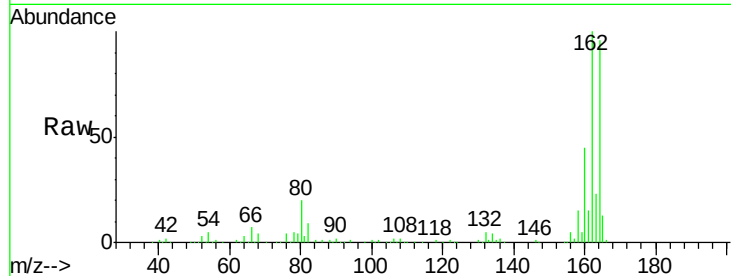
Tot Ion:164 Resp: 225304

Ion Ratio Lower Upper

164 100

162 103.9 85.4 128.2

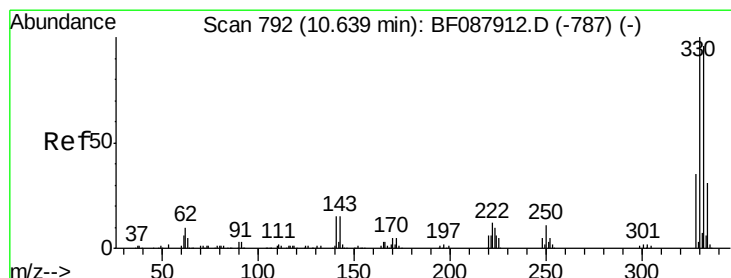
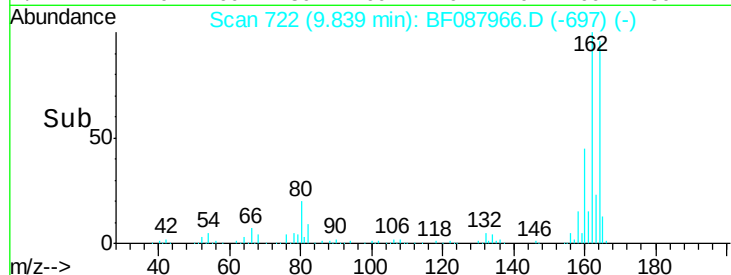
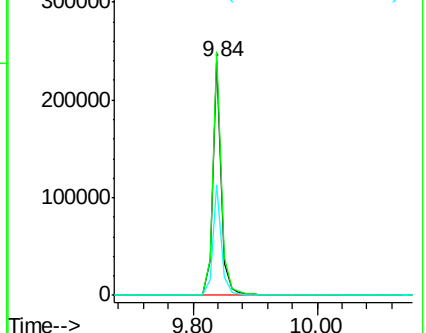
160 47.3 39.5 59.3



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: 91.03 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF087966.D

Acq: 12 Jun 2016 23:55

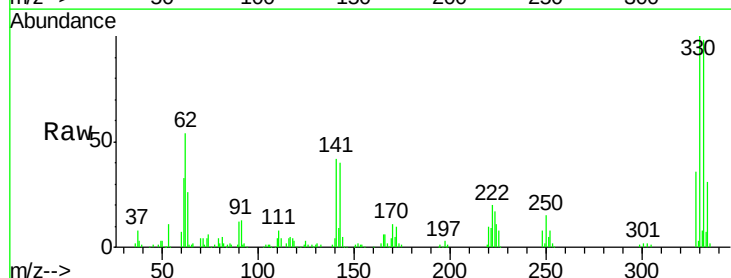
Tgt Ion:330 Resp: 216547

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

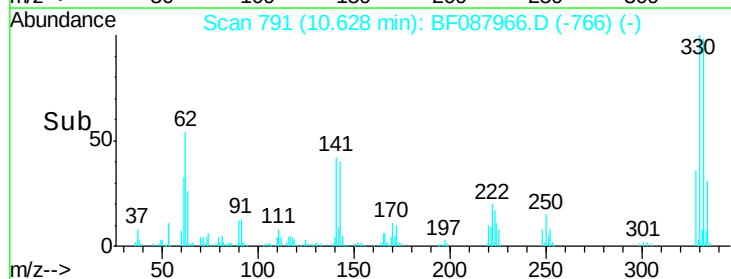
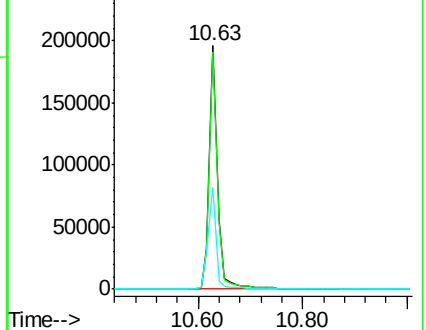
141 41.3 0.0 0.0#

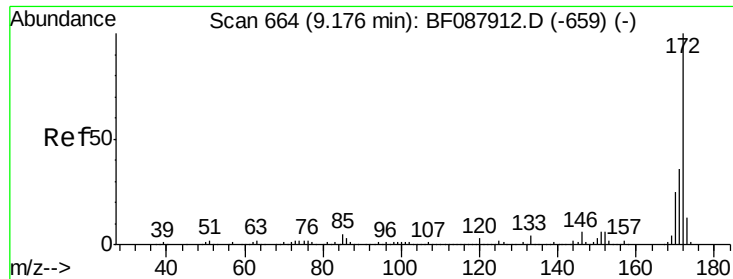


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



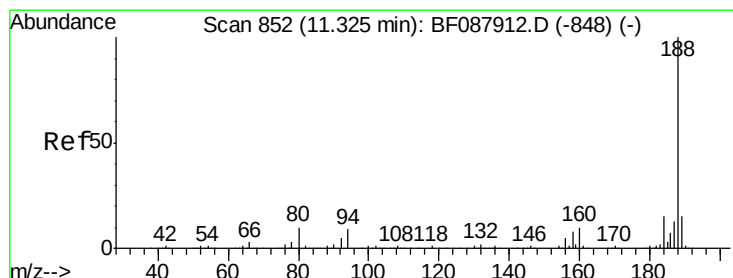
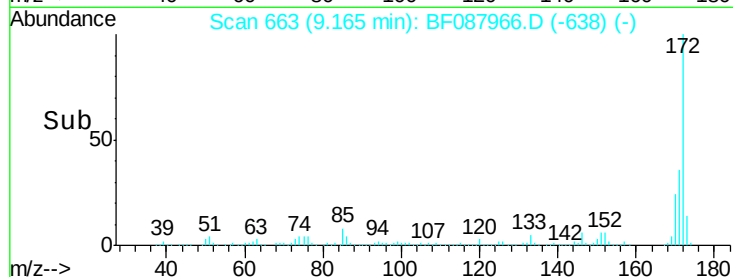
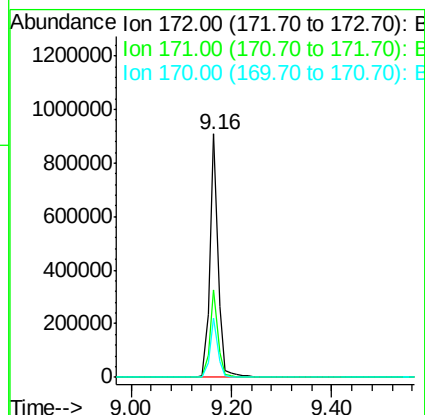
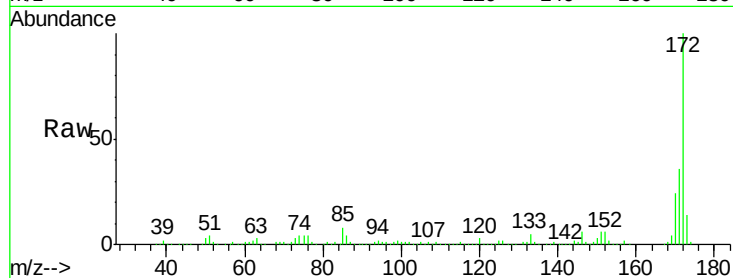


#44
 2-Fluorobiphenyl
 Concen: 70.73 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087966.D
 Acq: 12 Jun 2016 23:55

Instrument :
 BNA_F
 ClientSampleId :
 STA-1037-(0-4)

Tot Ion:172 Resp: 1027730

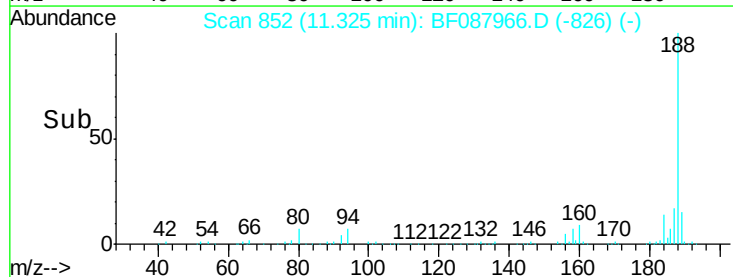
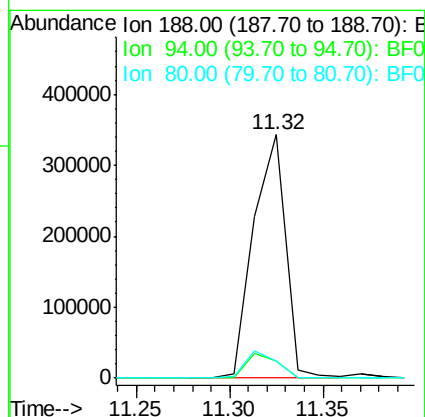
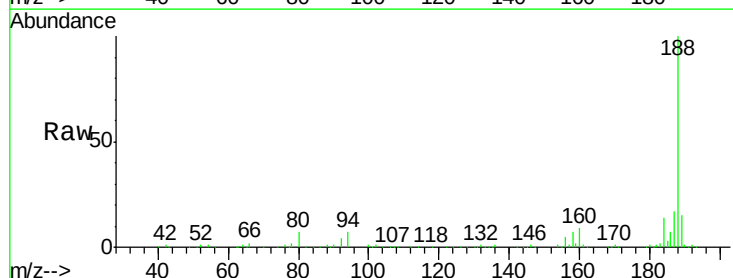
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8

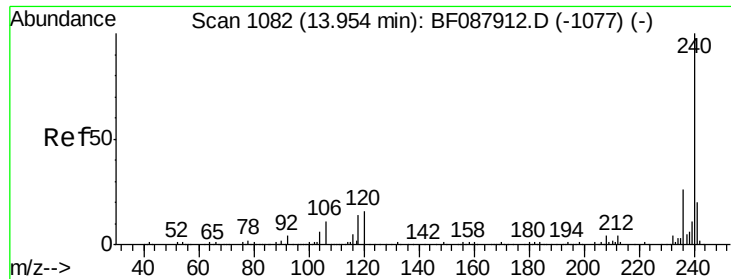


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF087966.D
 Acq: 12 Jun 2016 23:55

Tgt Ion:188 Resp: 407488

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	6.8	10.0	15.0#

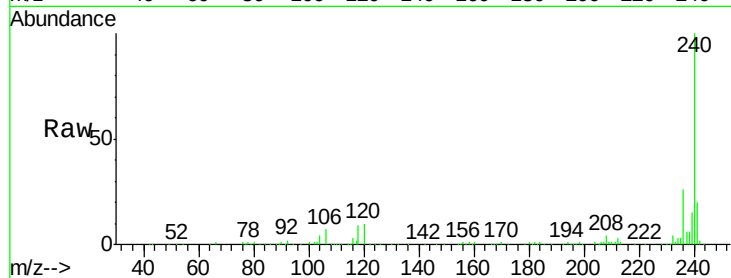




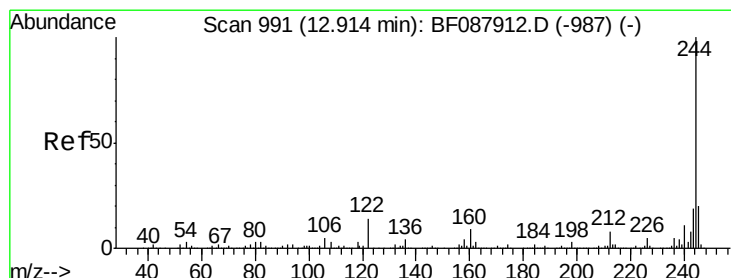
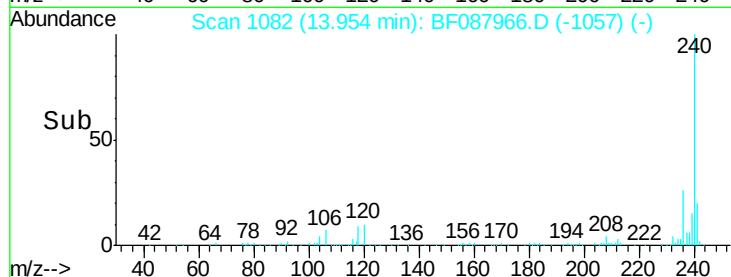
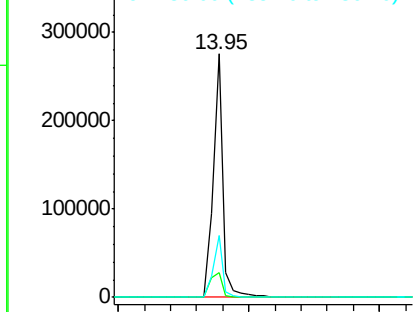
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087966.D
Acq: 12 Jun 2016 23:55

Instrument :
BNA_F
ClientSampleId :
STA-1037-(0-4)

Tot Ion:240 Resp: 289825
Ion Ratio Lower Upper
240 100
120 10.4 6.8 10.2#
236 25.6 20.2 30.2

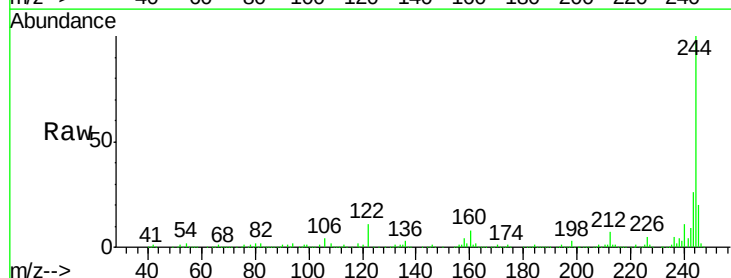


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

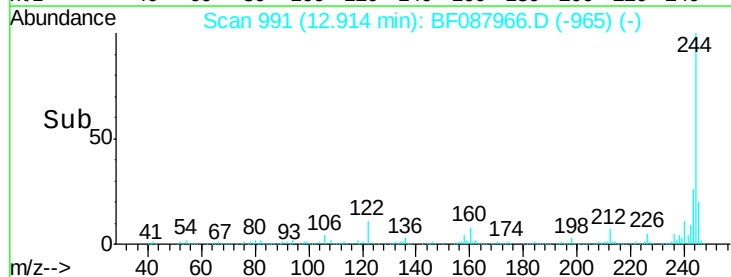
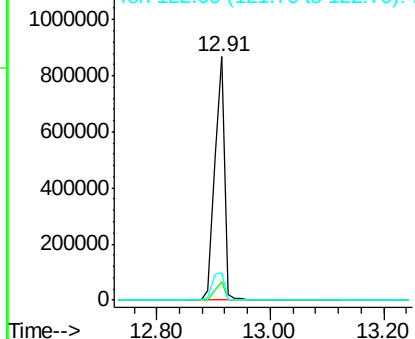


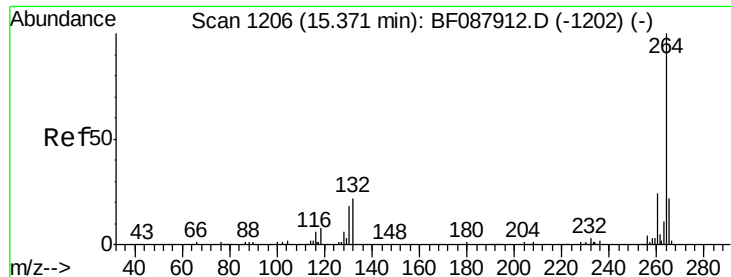
#78
Terphenyl-d14
Concen: 79.12 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF087966.D
Acq: 12 Jun 2016 23:55

Tgt Ion:244 Resp: 1007691
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 11.0 11.2 16.8#



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

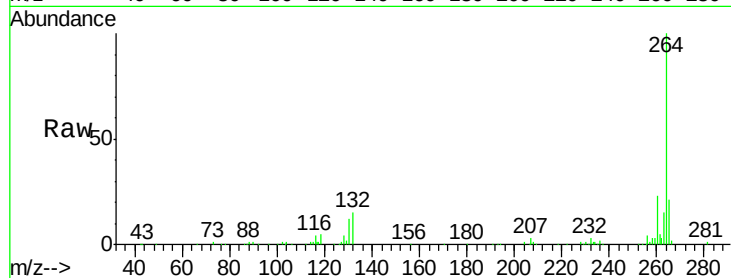




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF087966.D
Acq: 12 Jun 2016 23:55

Instrument :
BNA_F
ClientSampleId :
STA-1037-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

