

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088214.D
 Acq On : 21 Jun 2016 12:20
 Operator : UM/SJ
 Sample : H3580-29
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P8-B4(0-12)C

Quant Time: Jun 21 13:18:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

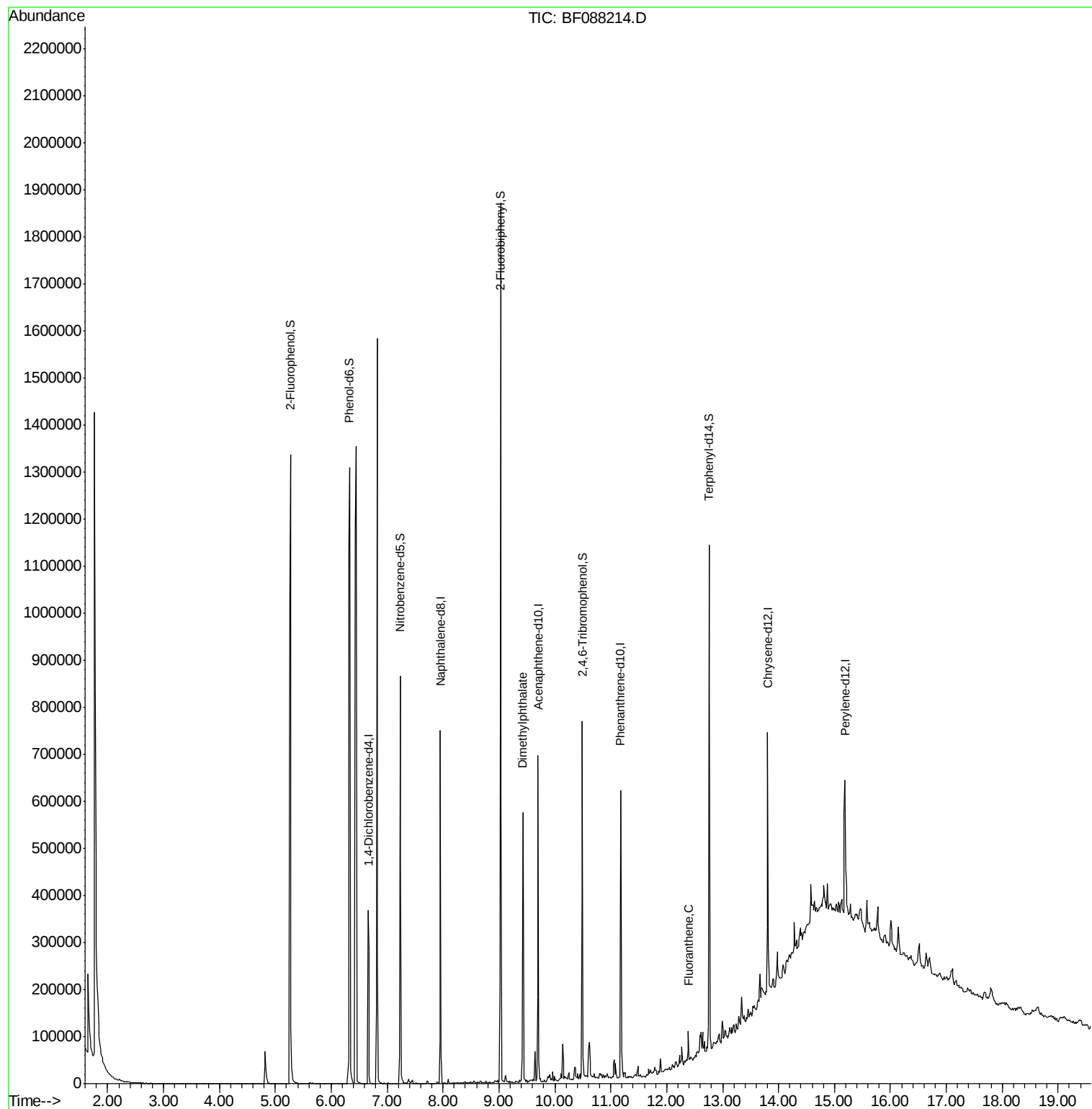
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	82508	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	325874	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	136222	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	208351	20.00	ng	0.00
75) Chrysene-d12	13.81	240	180678	20.00	ng	0.00
86) Perylene-d12	15.19	264	140684	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	561242	116.29	ng	0.01
7) Phenol-d6	6.33	99	692635	118.42	ng	0.00
23) Nitrobenzene-d5	7.23	82	351793	63.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	104661	72.76	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	649359	74.18	ng	-0.01
78) Terphenyl-d14	12.75	244	436606	54.99	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	219092	22.20	ng	100
74) Fluoranthene	12.39	202	27465	2.38	ng	97

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

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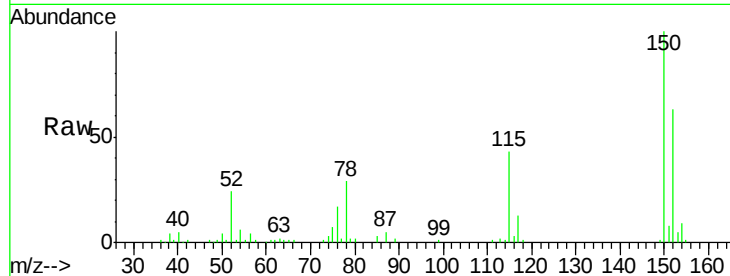


#1

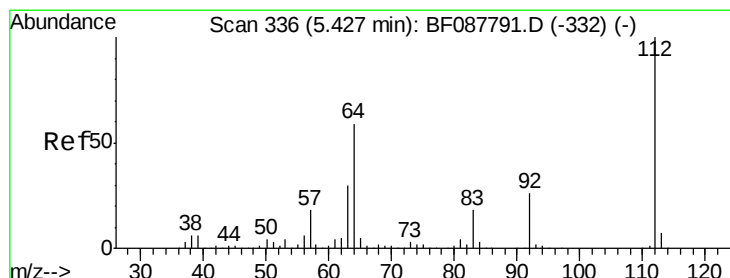
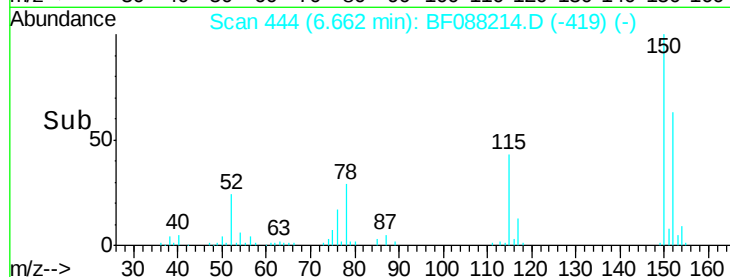
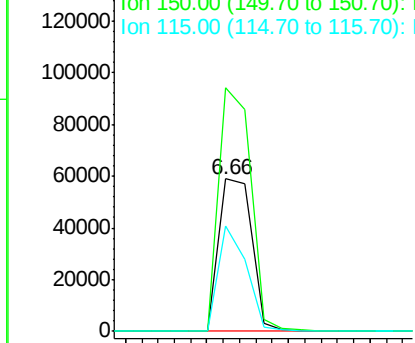
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF088214.D
 Acq: 21 Jun 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 P8-B4(0-12)C

Tot Ion:152 Resp: 82508
 Ion Ratio Lower Upper
 152 100
 150 159.9 123.8 185.6
 115 68.9 39.6 59.4#



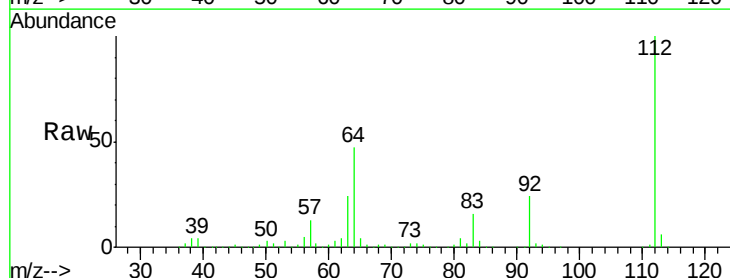
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



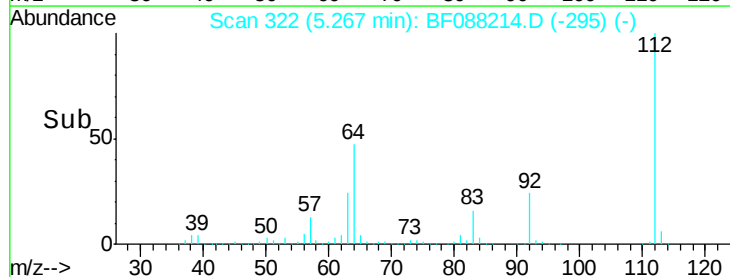
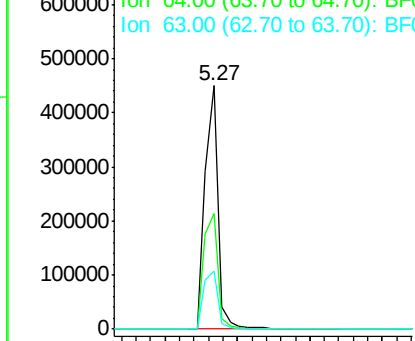
#5

2-Fluorophenol
 Concen: 116.29 ng
 RT: 5.27 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: BF088214.D
 Acq: 21 Jun 2016 12:20

Tgt Ion:112 Resp: 561242
 Ion Ratio Lower Upper
 112 100
 64 47.4 42.2 63.2
 63 24.0 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: 118.42 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088214.D

Acq: 21 Jun 2016 12:20

Instrument :

BNA_F

ClientSampleId :

P8-B4(0-12)C

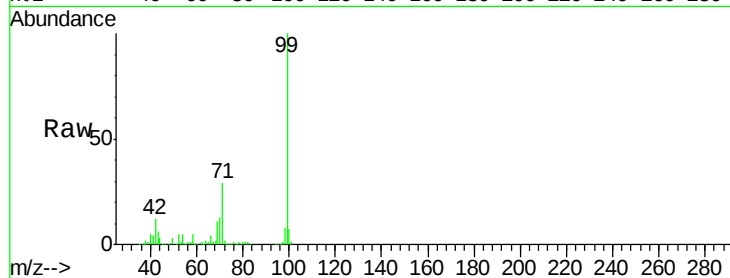
Tot Ion: 99 Resp: 692635

Ion Ratio Lower Upper

99 100

42 12.3 12.2 18.2

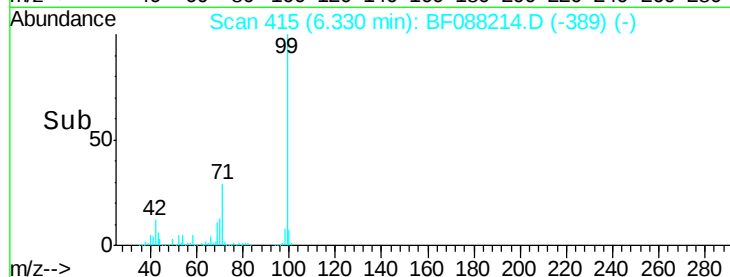
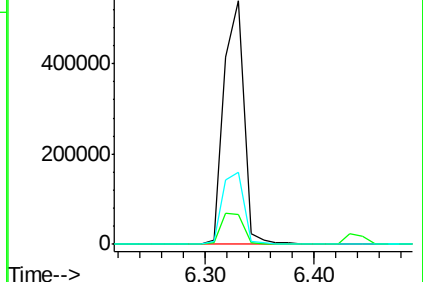
71 29.5 23.4 35.0



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: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF088214.D

Acq: 21 Jun 2016 12:20

Tgt Ion: 136 Resp: 325874

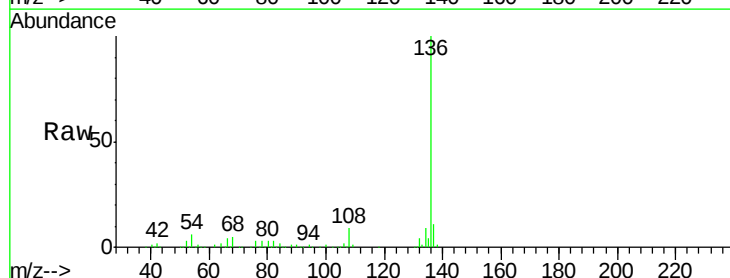
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.3 6.6 10.0#

68 5.5 5.1 7.7

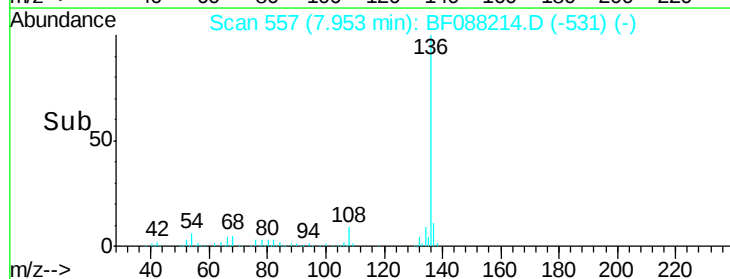
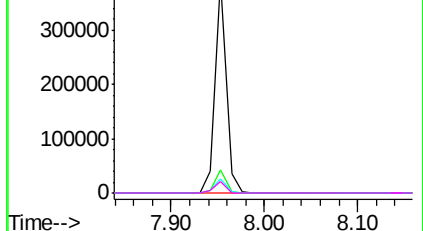


Abundance Ion 136.00 (135.70 to 136.70): E

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

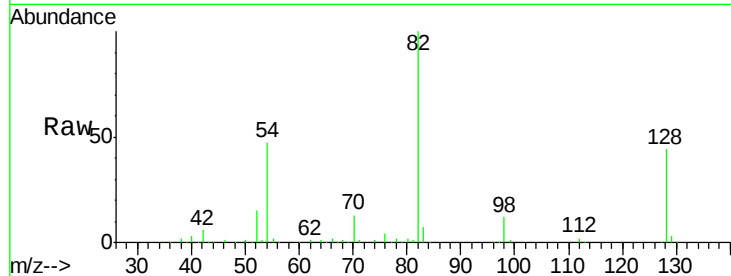




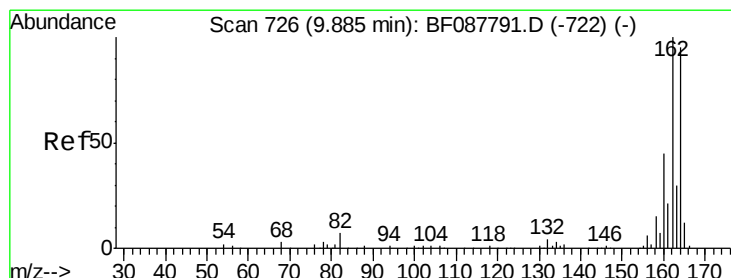
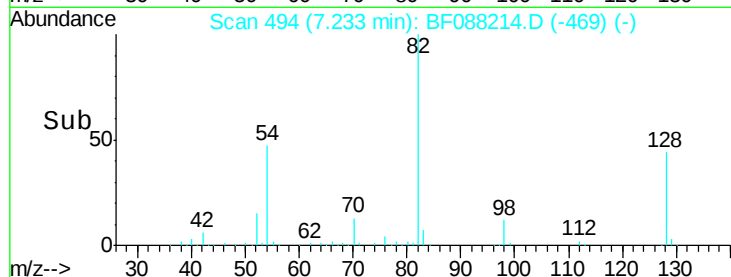
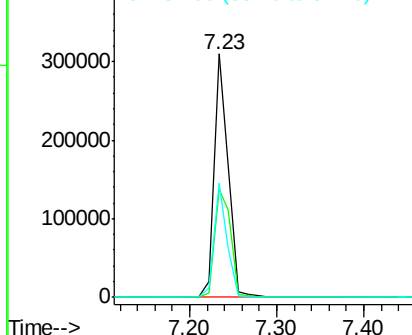
#23
 Nitrobenzene-d5
 Concen: 63.04 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088214.D
 Acq: 21 Jun 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 P8-B4(0-12)C

Tot Ion: 82 Resp: 351793
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.9 53.9
 54 47.0 40.9 61.3

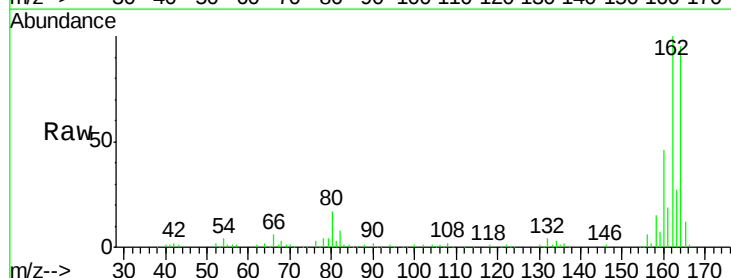


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

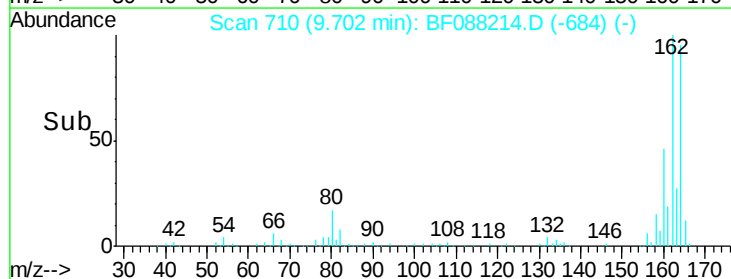
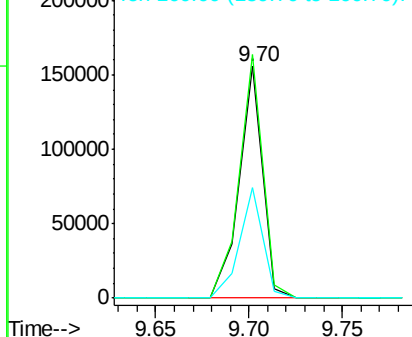


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088214.D
 Acq: 21 Jun 2016 12:20

Tgt Ion:164 Resp: 136222
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.4 128.2
 160 47.9 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

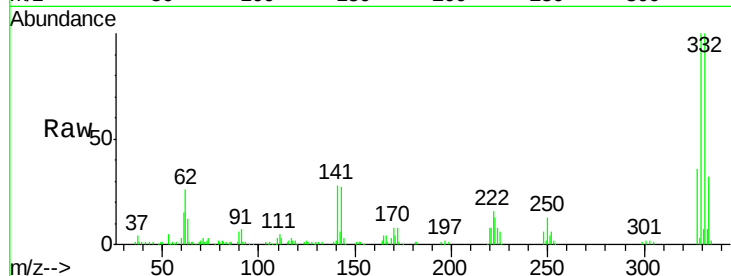




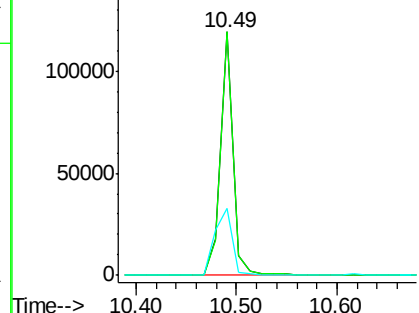
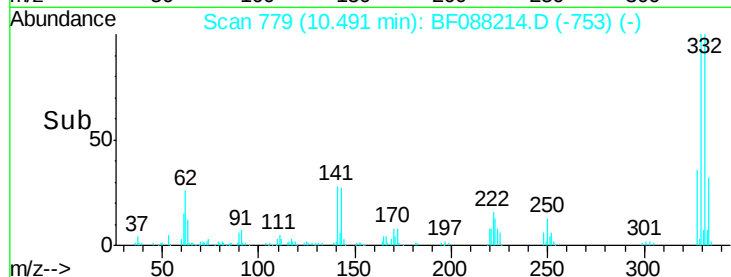
#41
 2,4,6-Tribromophenol
 Concen: 72.76 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088214.D
 Acq: 21 Jun 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 P8-B4(0-12)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	0.0	0.0#
141	38.0	0.0	0.0#

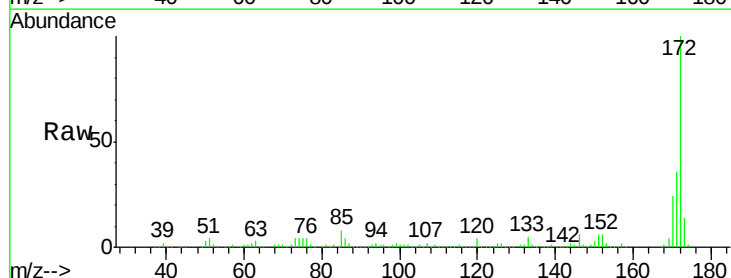


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

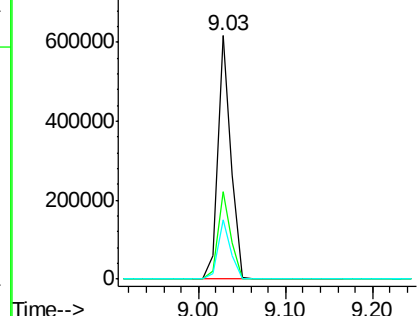
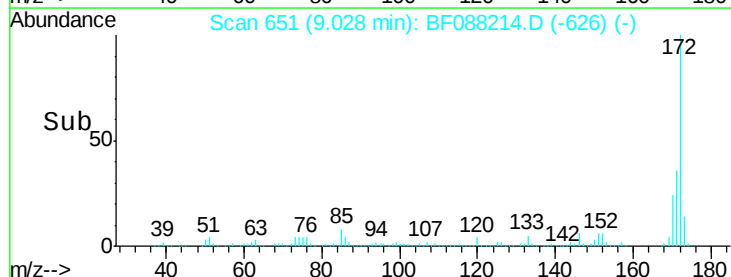


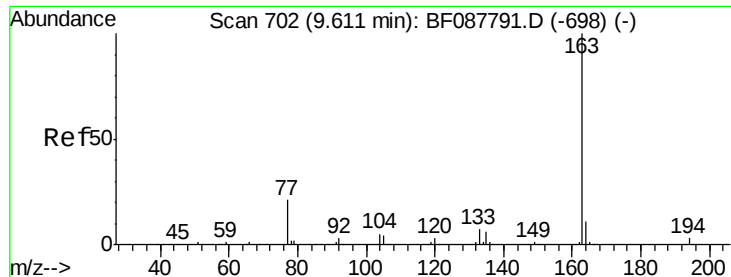
#44
 2-Fluorobiphenyl
 Concen: 74.18 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088214.D
 Acq: 21 Jun 2016 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	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

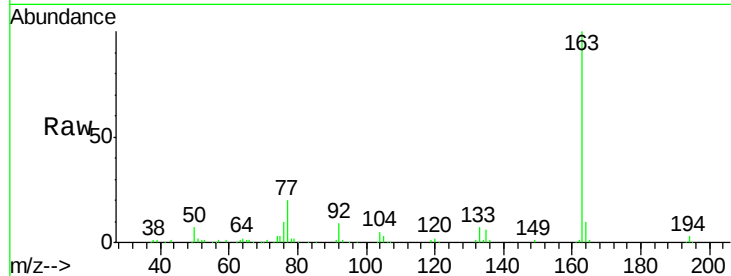




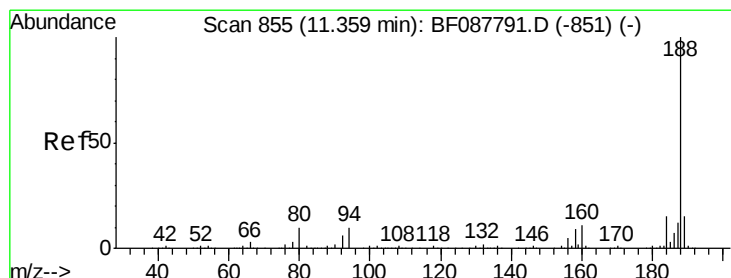
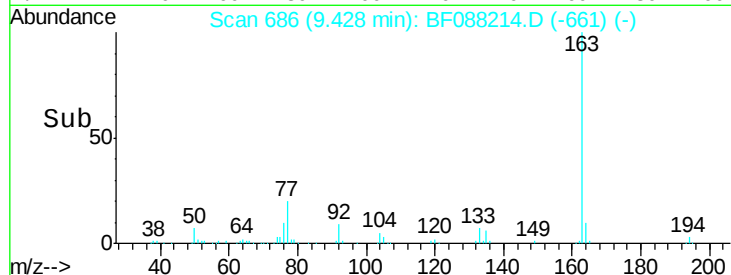
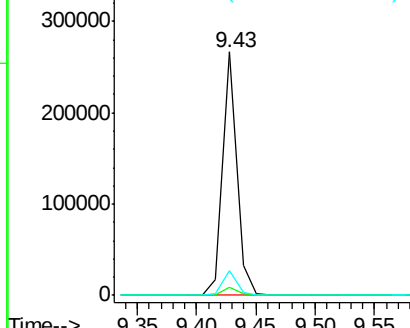
#49
Dimethylphthalate
Concen: 22.20 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF088214.D
Acq: 21 Jun 2016 12:20

Instrument :
BNA_F
ClientSampleId :
P8-B4(0-12)C

Tot Ion:163 Resp: 219092
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.3 8.3 12.5

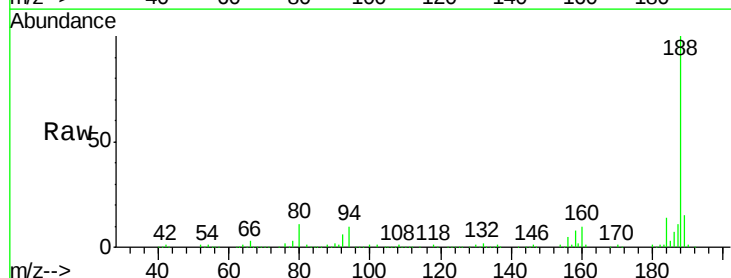


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

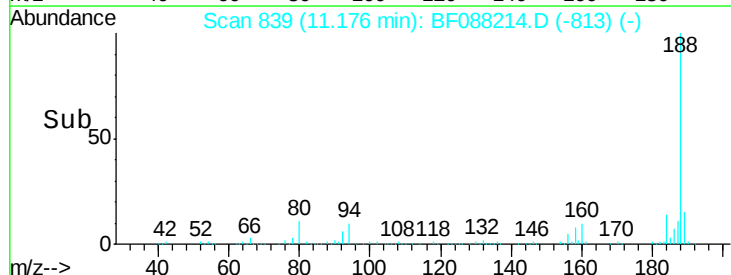
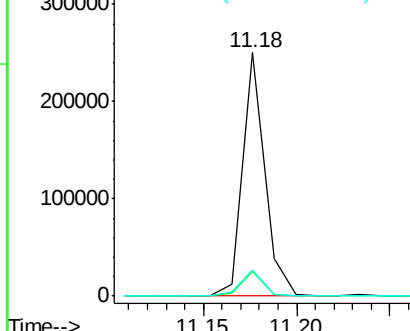


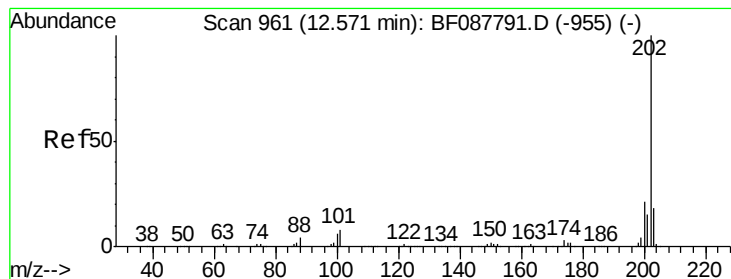
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF088214.D
Acq: 21 Jun 2016 12:20

Tgt Ion:188 Resp: 208351
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 10.7 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





#74

Fluoranthene

Concen: 2.38 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF088214.D

Acq: 21 Jun 2016 12:20

Instrument :

BNA_F

ClientSampleId :

P8-B4(0-12)C

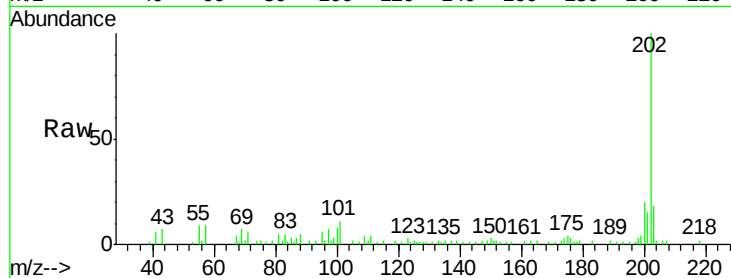
Tot Ion:202 Resp: 27465

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.1

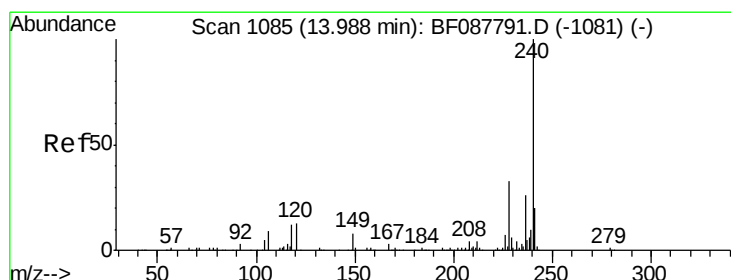
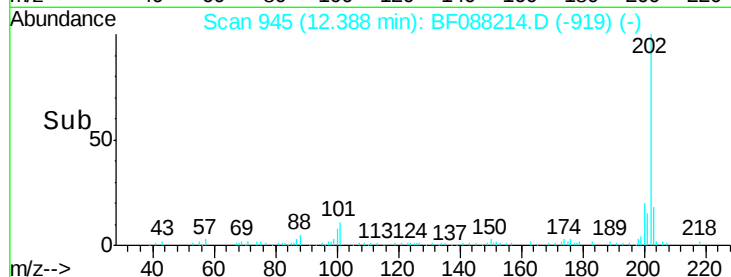
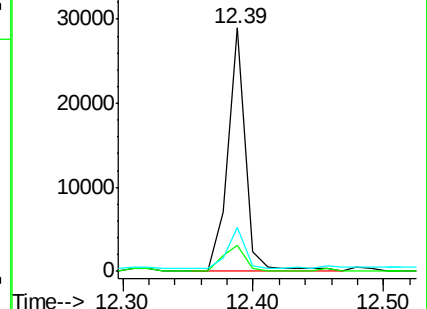
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF088214.D

Acq: 21 Jun 2016 12:20

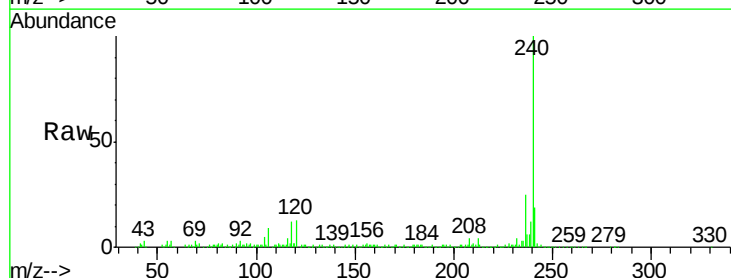
Tgt Ion:240 Resp: 180678

Ion Ratio Lower Upper

240 100

120 13.3 6.8 10.2#

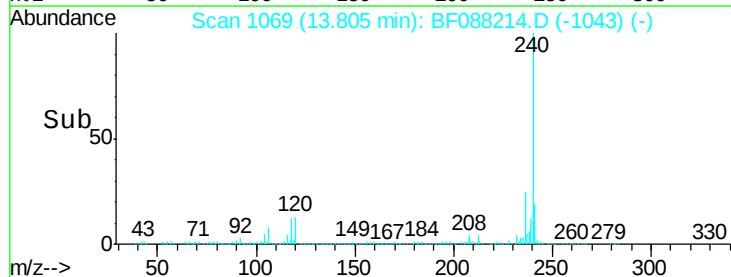
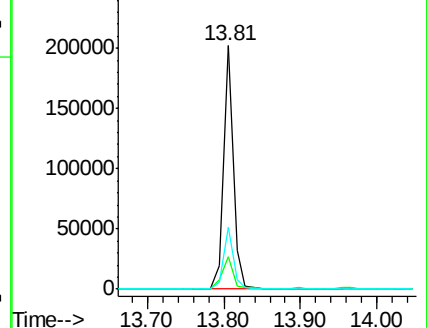
236 25.4 20.2 30.2

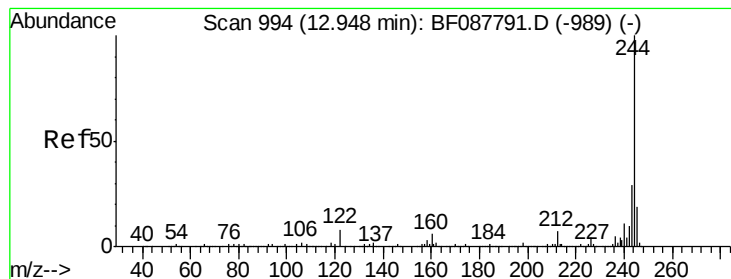


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.99 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088214.D

Acq: 21 Jun 2016 12:20

Instrument :

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ClientSampleId :

P8-B4(0-12)C

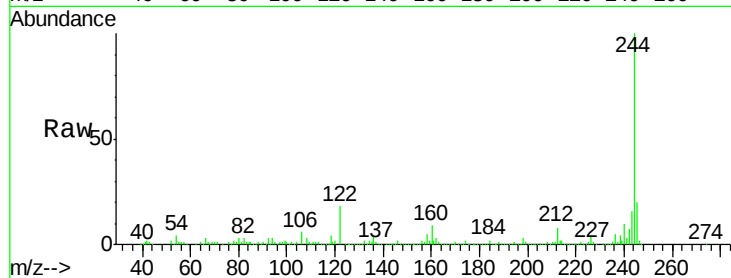
Tot Ion:244 Resp: 436606

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

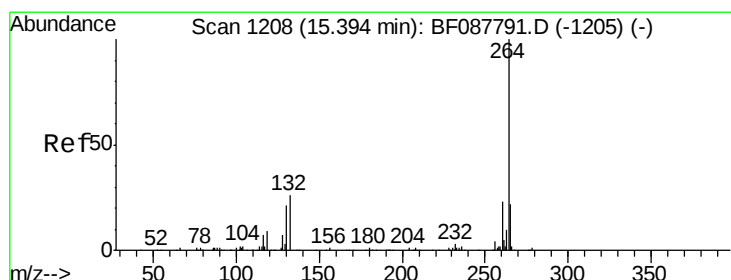
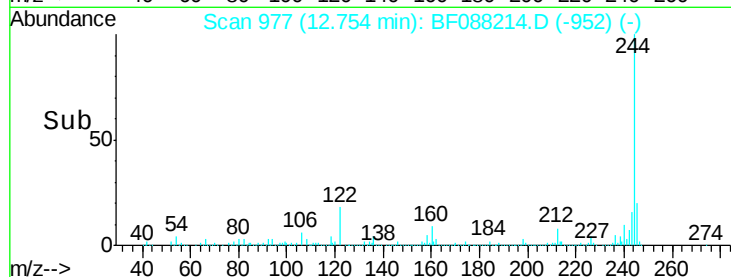
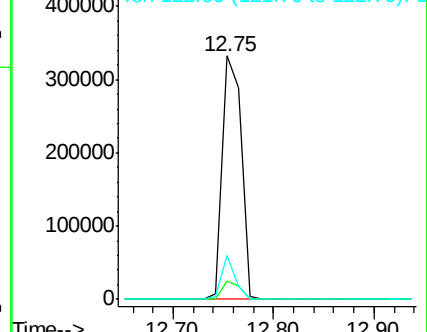
122 17.9 11.2 16.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.19 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF088214.D

Acq: 21 Jun 2016 12:20

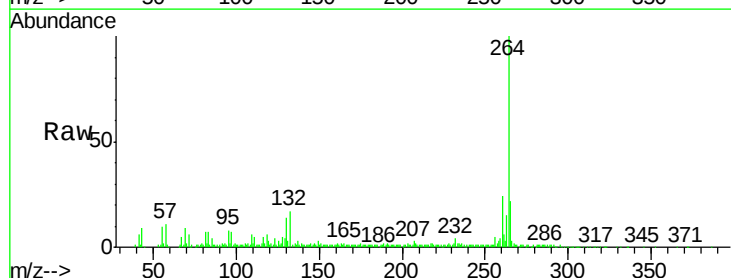
Tgt Ion:264 Resp: 140684

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 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

