

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088273.D
 Acq On : 23 Jun 2016 4:06
 Operator : UM/SJ
 Sample : PB91604BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 PB91604BL

Quant Time: Jun 23 04:43:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	19462	5.00	ng	0.00
21) Naphthalene-d8	7.90	136	78095	5.00	ng	0.00
38) Acenaphthene-d10	9.63	164	33980	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	53534	5.00	ng	0.00
75) Chrysene-d12	13.75	240	47445	5.00	ng	0.00
86) Perylene-d12	15.12	264	35324	5.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	38127	8.37	ng	0.01
7) Phenol-d6	6.26	99	47253	8.56	ng	0.00
23) Nitrobenzene-d5	7.18	82	19394	3.63	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	6549	4.56	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	47246	4.36	ng	0.00
78) Terphenyl-d14	12.70	244	37363	4.48	ng	0.00

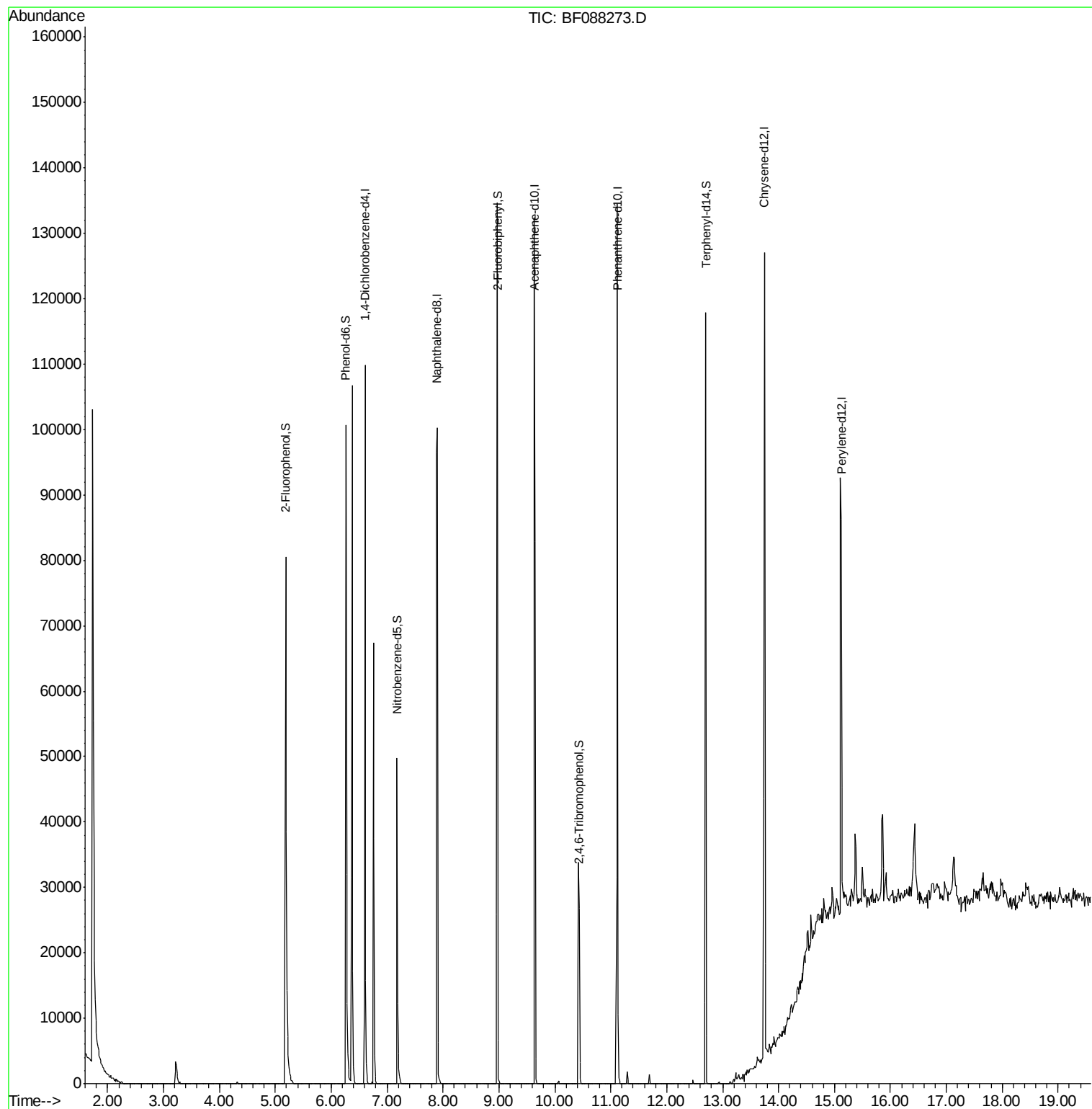
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088273.D

Acq: 23 Jun 2016 4:06

Instrument :

BNA_F

ClientSampleId :

PB91604BL

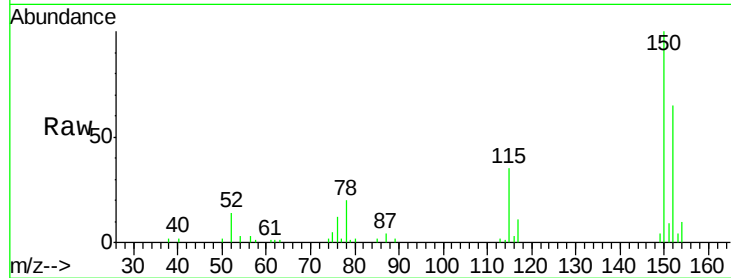
Tot Ion:152 Resp: 19462

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

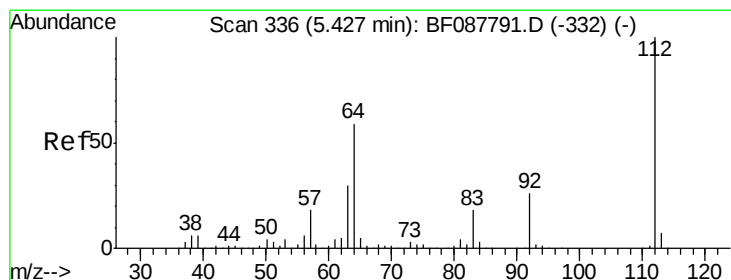
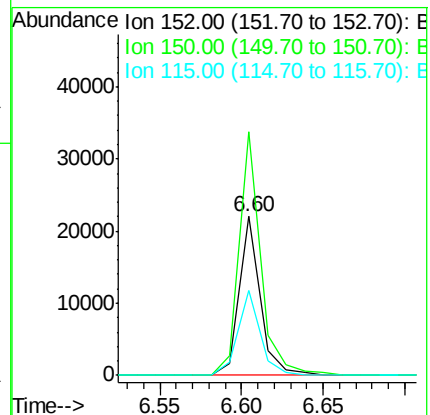
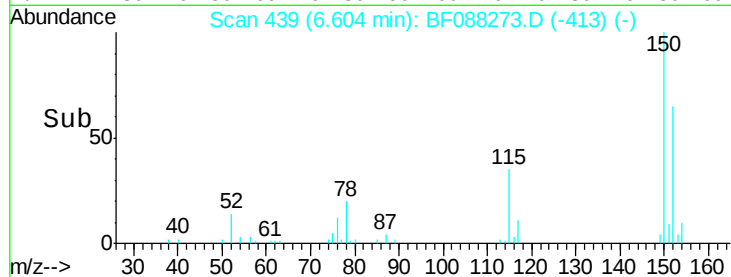
115 53.5 39.6 59.4



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: 8.37 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088273.D

Acq: 23 Jun 2016 4:06

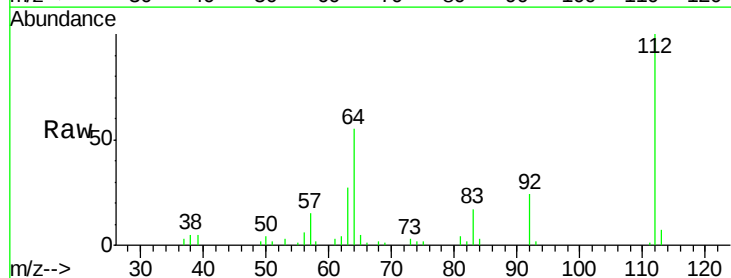
Tgt Ion:112 Resp: 38127

Ion Ratio Lower Upper

112 100

64 54.9 42.2 63.2

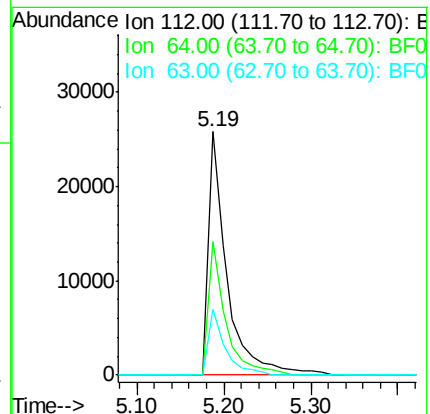
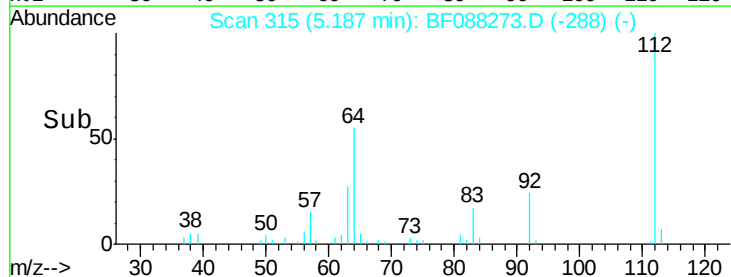
63 26.7 21.8 32.8



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: 8.56 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF088273.D

Acq: 23 Jun 2016 4:06

Instrument :

BNA_F

ClientSampled :

PB91604BL

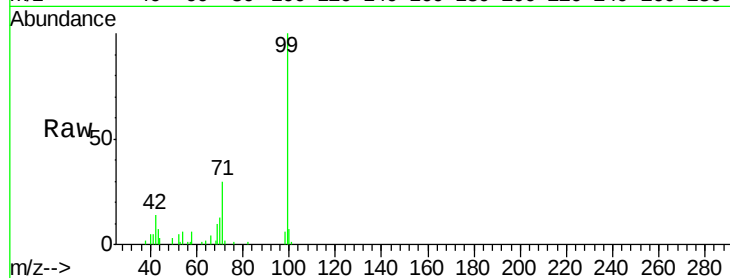
Tot Ion: 99 Resp: 47253

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

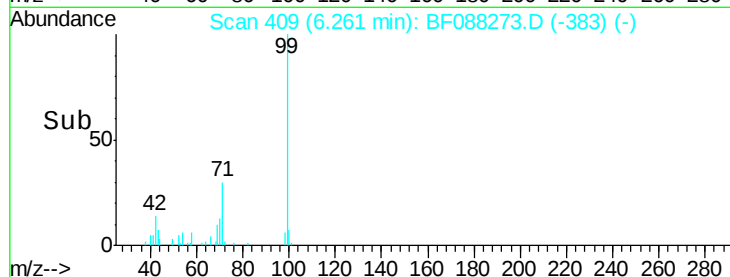
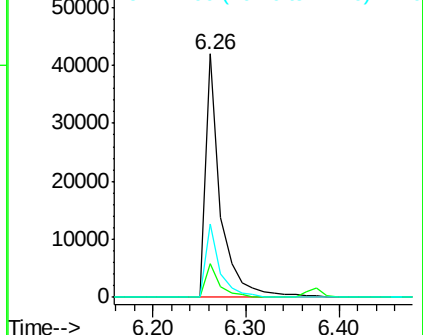
71 30.1 23.4 35.0



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: 5.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF088273.D

Acq: 23 Jun 2016 4:06

Tgt Ion: 136 Resp: 78095

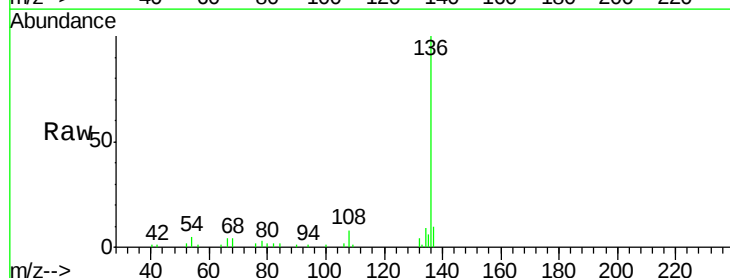
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 4.7 6.6 10.0#

68 3.9 5.1 7.7#

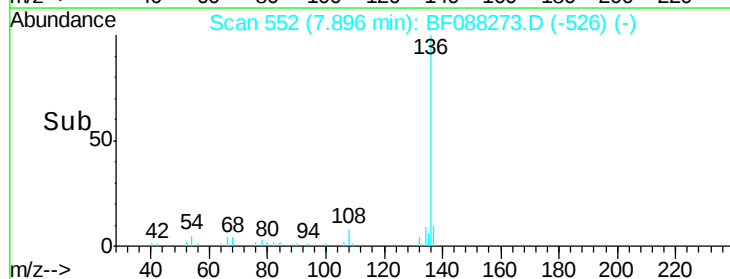
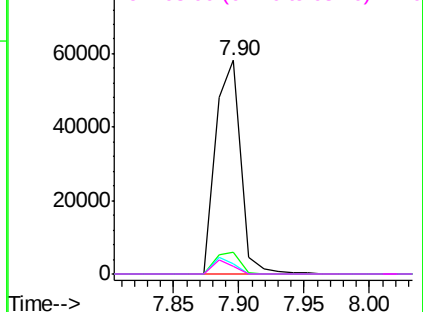


Abundance Ion 136.00 (135.70 to 136.70): E

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

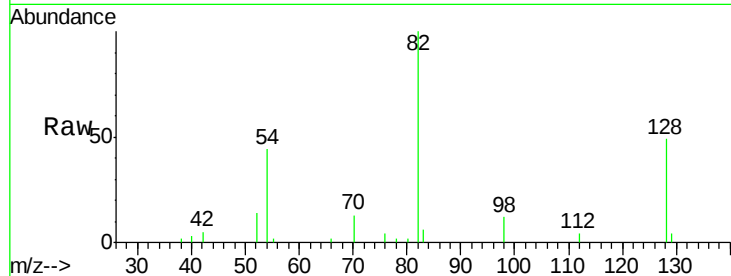




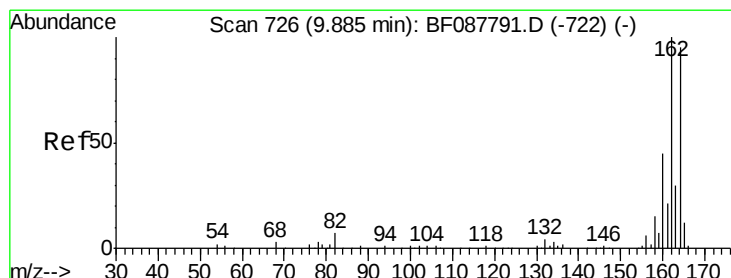
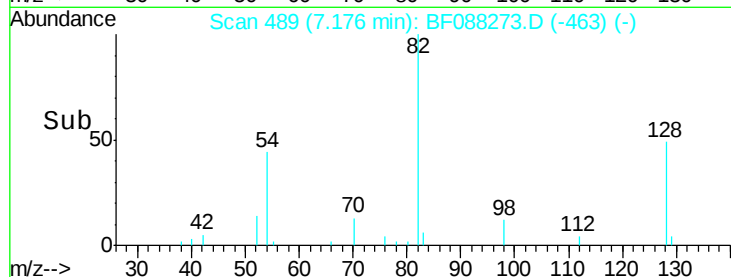
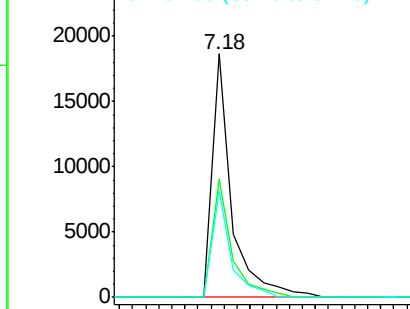
#23
 Nitrobenzene-d5
 Concen: 3.63 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF088273.D
 Acq: 23 Jun 2016 4:06

Instrument :
 BNA_F
 ClientSampleID :
 PB91604BL

Tot Ion	82	Resp	19394
Ion Ratio	Lower	Upper	
82	100		
128	48.5	35.9	53.9
54	43.6	40.9	61.3

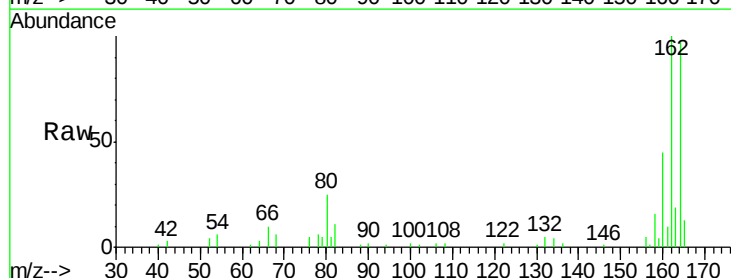


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

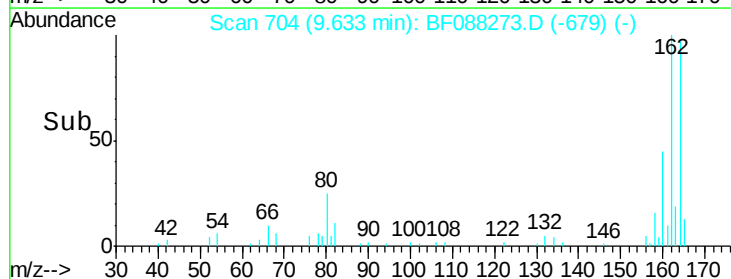
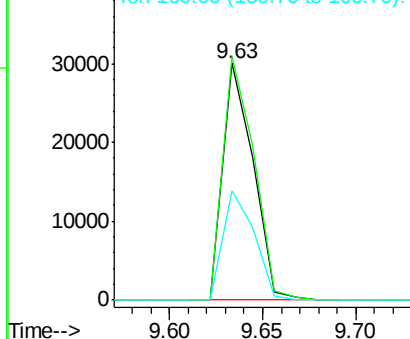


#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088273.D
 Acq: 23 Jun 2016 4:06

Tgt Ion	164	Resp	33980
Ion Ratio	Lower	Upper	
164	100		
162	102.8	85.4	128.2
160	46.3	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

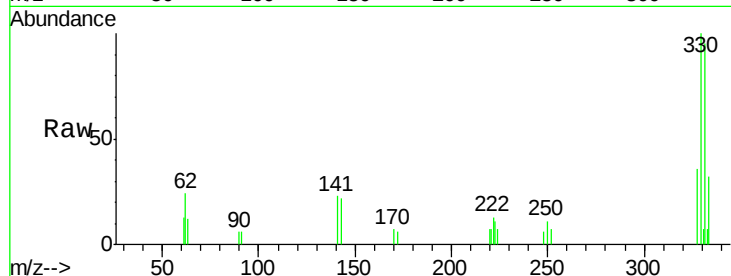




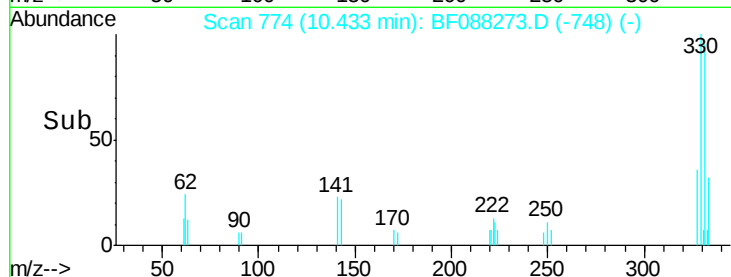
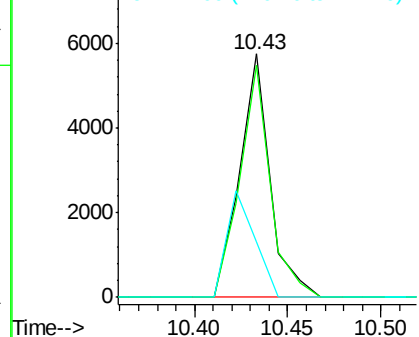
#41
 2,4,6-Tribromophenol
 Concen: 4.56 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF088273.D
 Acq: 23 Jun 2016 4:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91604BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	40.4	0.0	0.0#

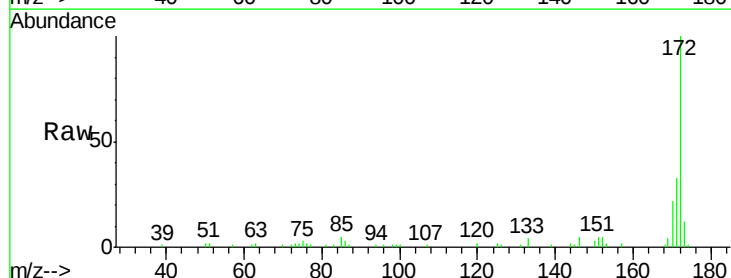


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

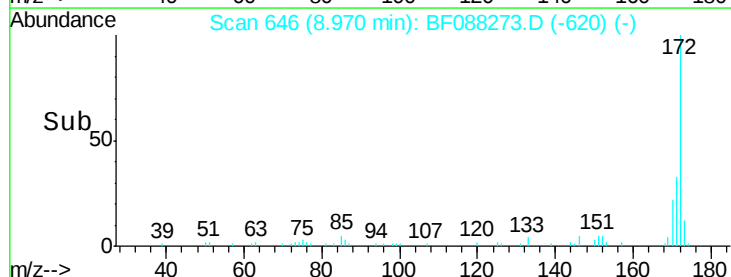
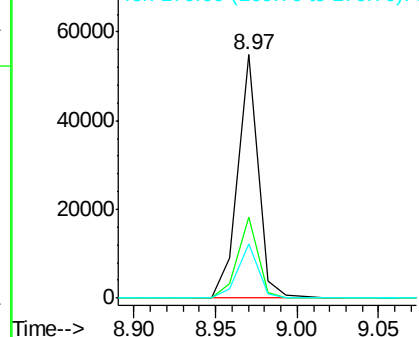


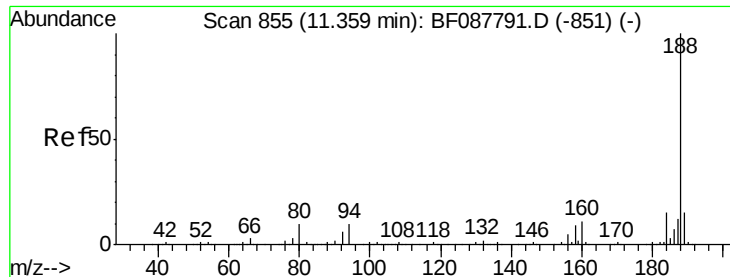
#44
 2-Fluorobiphenyl
 Concen: 4.36 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088273.D
 Acq: 23 Jun 2016 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.6	43.0
170	22.5	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

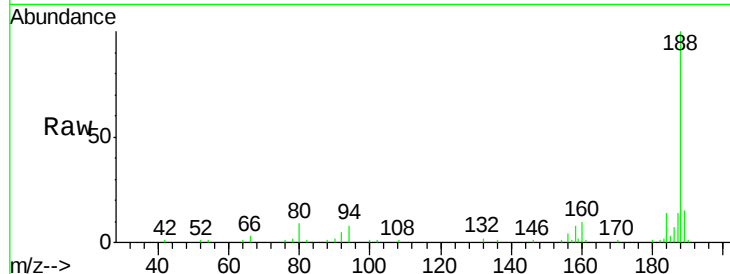




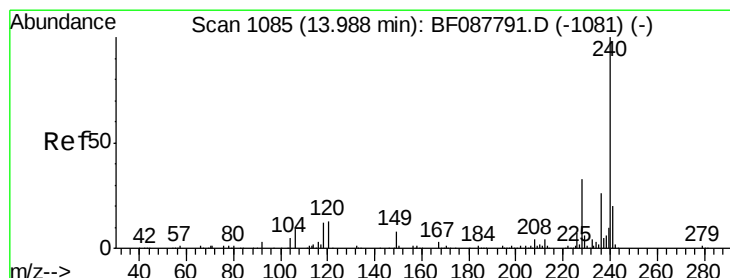
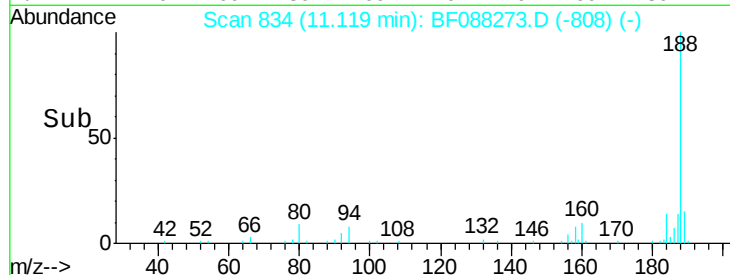
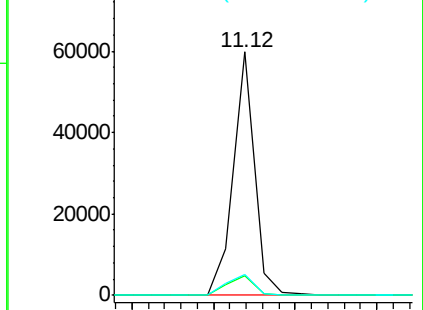
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088273.D
Acq: 23 Jun 2016 4:06

Instrument :
BNA_F
ClientSampleId :
PB91604BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	8.6	10.0	15.0#

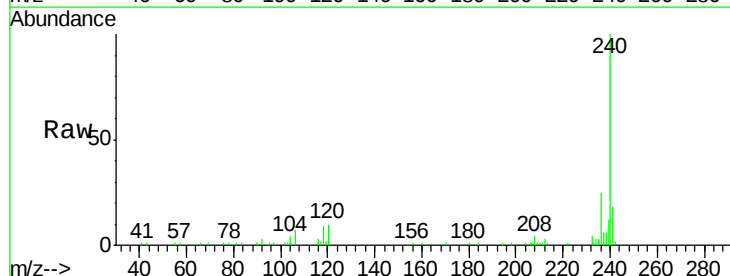


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

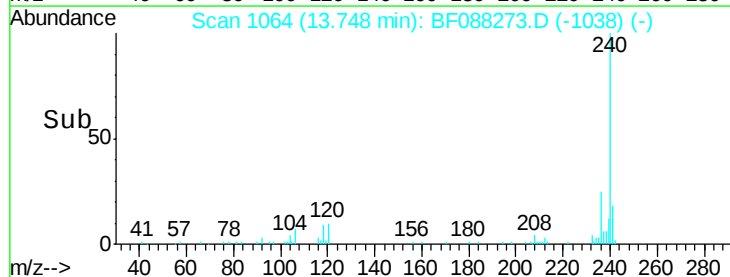
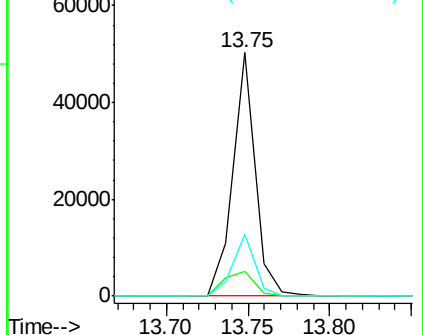


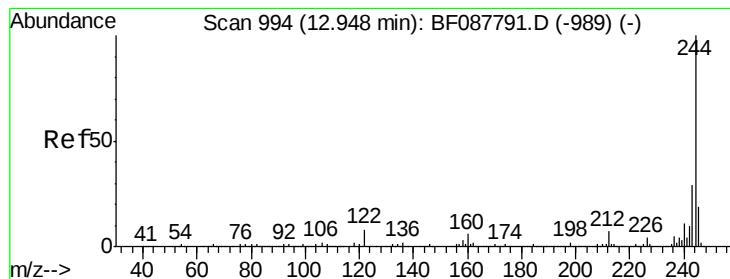
#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088273.D
Acq: 23 Jun 2016 4:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	6.8	10.2#
236	25.3	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: 4.48 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088273.D

Acq: 23 Jun 2016 4:06

Instrument :

BNA_F

ClientSampleId :

PB91604BL

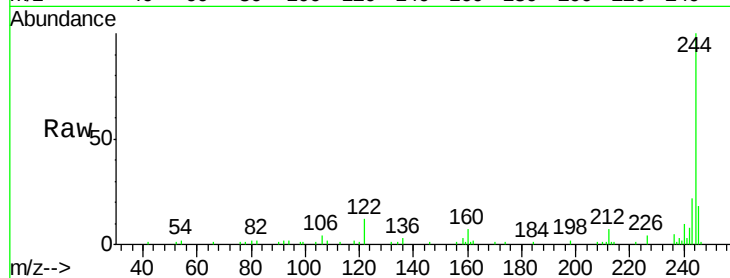
Tot Ion:244 Resp: 37363

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

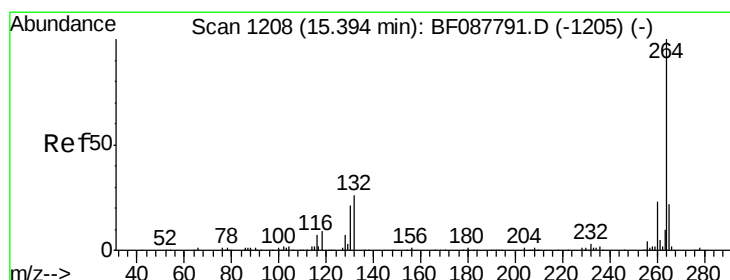
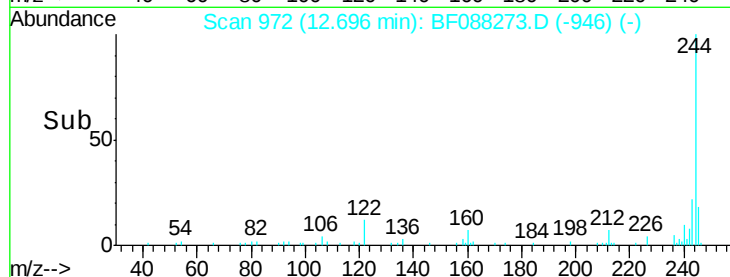
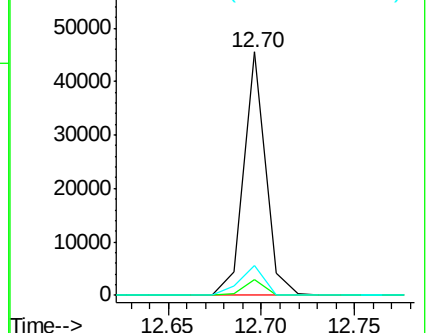
122 12.0 11.2 16.8



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

Perylene-d12

Concen: 5.00 ng

RT: 15.12 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF088273.D

Acq: 23 Jun 2016 4:06

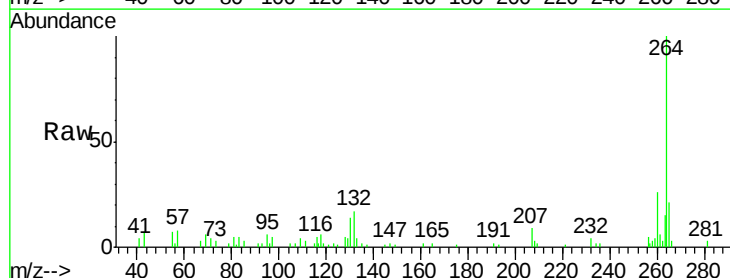
Tgt Ion:264 Resp: 35324

Ion Ratio Lower Upper

264 100

260 25.8 19.2 28.8

265 21.3 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

