

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088027.D
 Acq On : 15 Jun 2016 5:18
 Operator : UM/SJ
 Sample : H3425-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

Quant Time: Jun 15 05:50:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	101037	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	395353	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	156356	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	251793	20.00	ng	0.00
75) Chrysene-d12	13.93	240	233657	20.00	ng	-0.01
86) Perylene-d12	15.35	264	182192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	363235	61.46	ng	0.00
7) Phenol-d6	6.41	99	276848	38.65	ng	-0.01
23) Nitrobenzene-d5	7.35	82	513437	75.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	168826	102.26	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	972294	98.57	ng	0.00
78) Terphenyl-d14	12.89	244	666772	64.94	ng	0.00

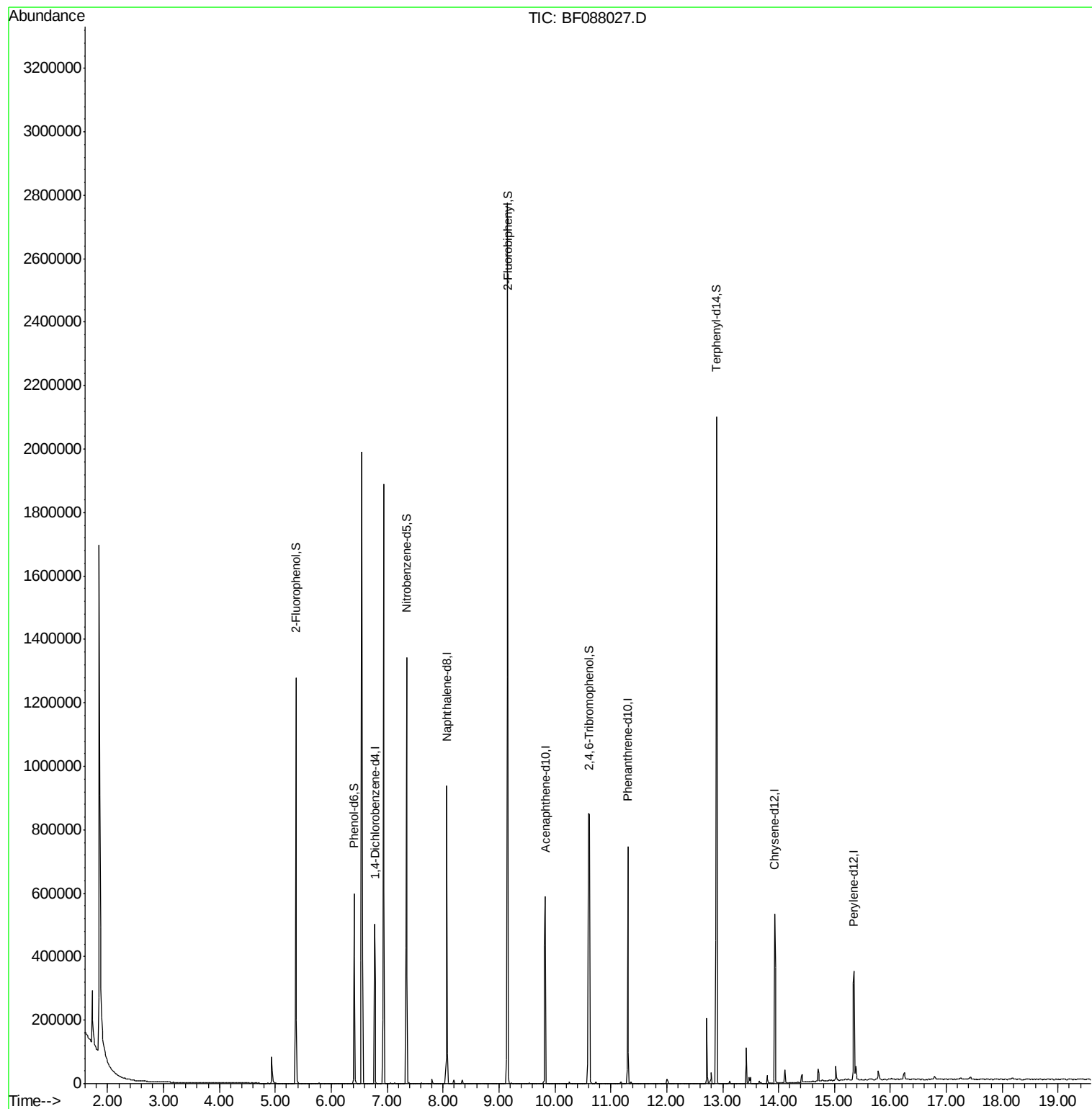
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF088027.D

Acq: 15 Jun 2016 5:18

Instrument :

BNA_F

ClientSampleId :

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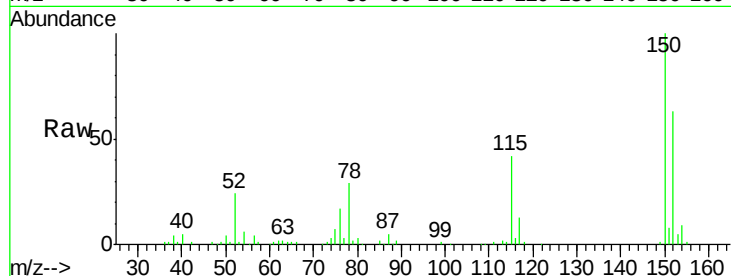
Tot Ion:152 Resp: 101037

Ion Ratio Lower Upper

152 100

150 159.4 123.8 185.6

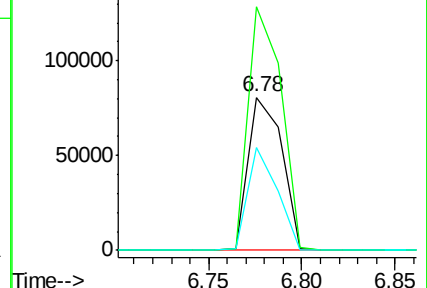
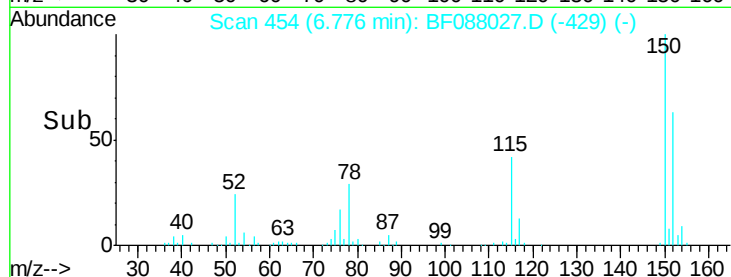
115 67.5 39.6 59.4#



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: 61.46 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF088027.D

Acq: 15 Jun 2016 5:18

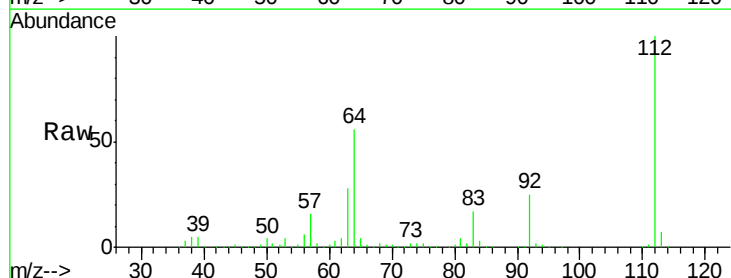
Tgt Ion:112 Resp: 363235

Ion Ratio Lower Upper

112 100

64 55.9 42.2 63.2

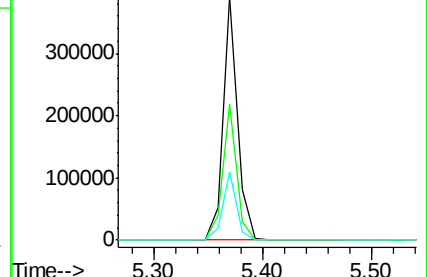
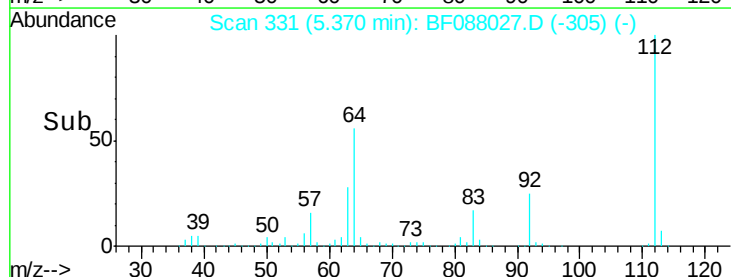
63 28.2 21.8 32.8



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: 38.65 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF088027.D

Acq: 15 Jun 2016 5:18

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2

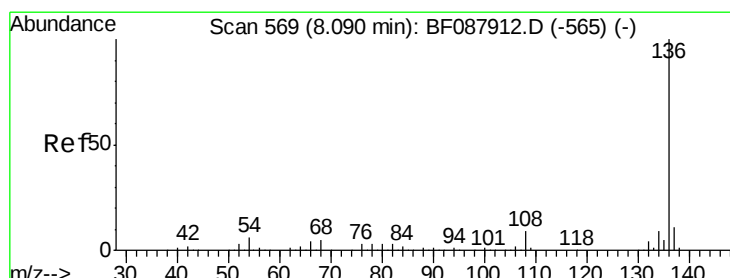
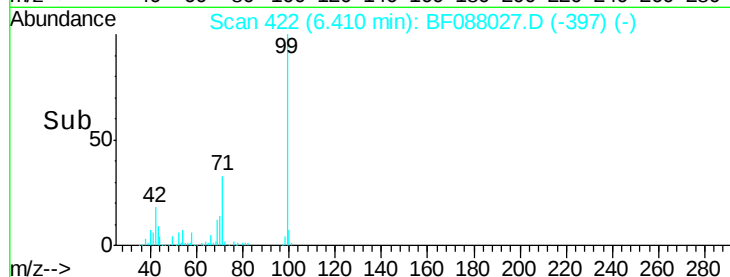
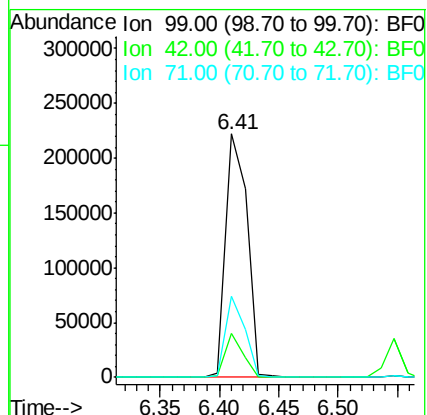
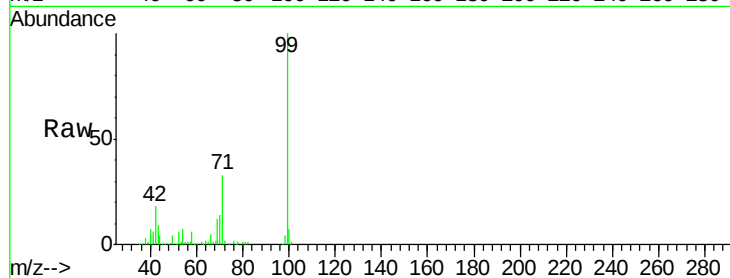
Tot Ion: 99 Resp: 276848

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

71 33.2 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF088027.D

Acq: 15 Jun 2016 5:18

Tgt Ion: 136 Resp: 395353

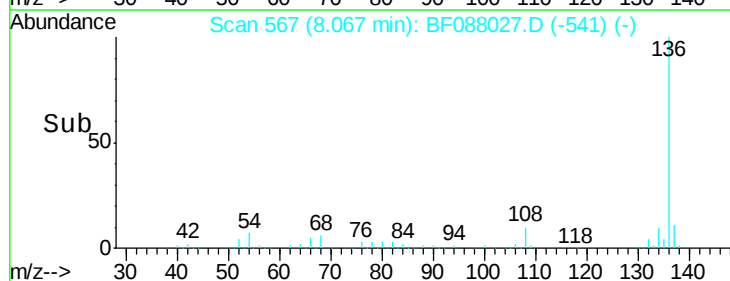
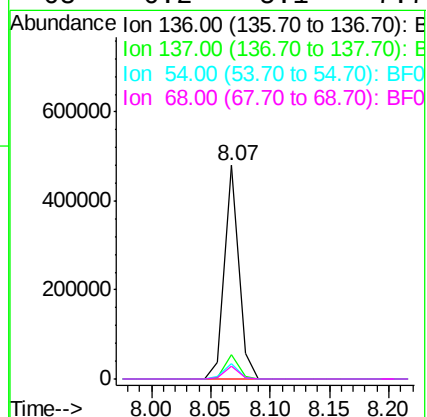
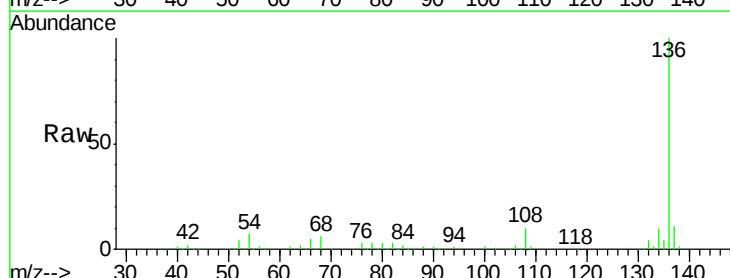
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.4 6.6 10.0

68 6.2 5.1 7.7

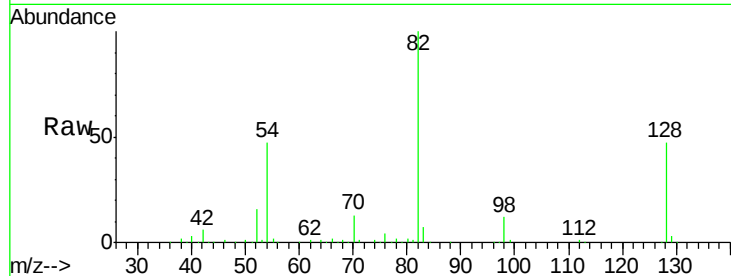




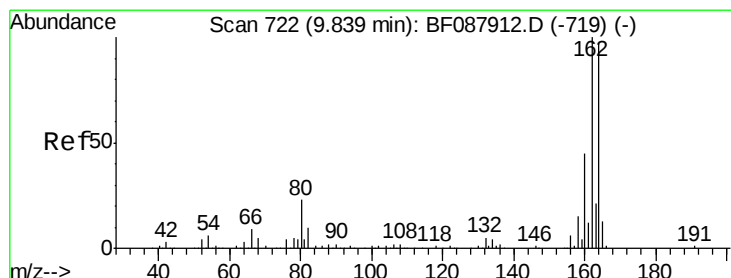
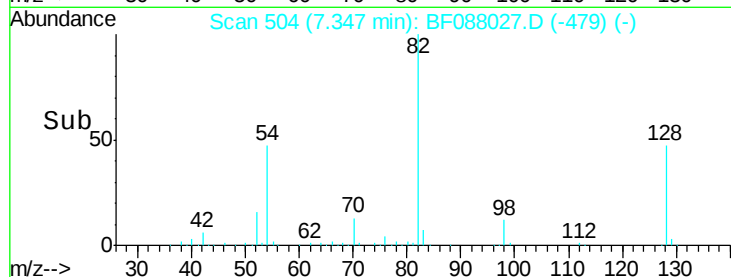
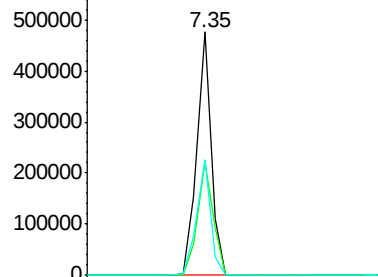
#23
 Nitrobenzene-d5
 Concen: 75.84 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088027.D
 Acq: 15 Jun 2016 5:18

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

Tot Ion: 82 Resp: 513437
 Ion Ratio Lower Upper
 82 100
 128 46.7 35.9 53.9
 54 47.2 40.9 61.3

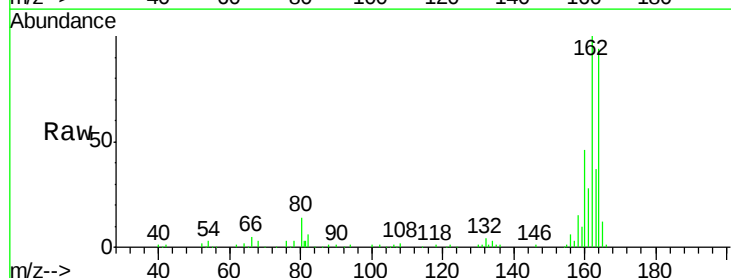


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

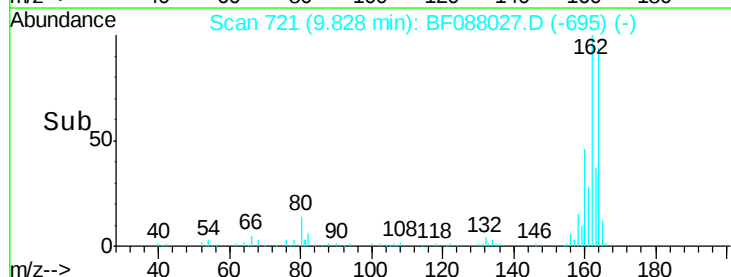
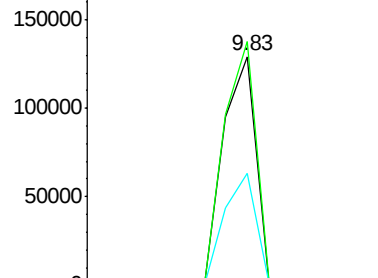


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF088027.D
 Acq: 15 Jun 2016 5:18

Tgt Ion:164 Resp: 156356
 Ion Ratio Lower Upper
 164 100
 162 106.5 85.4 128.2
 160 48.8 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

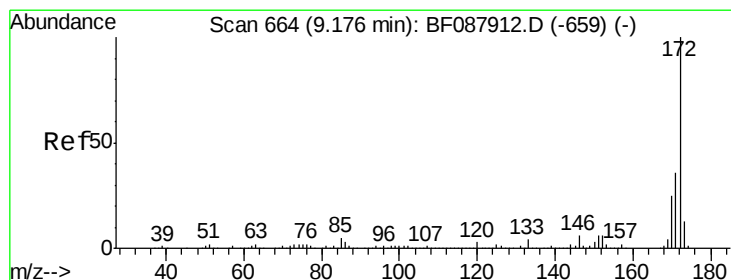
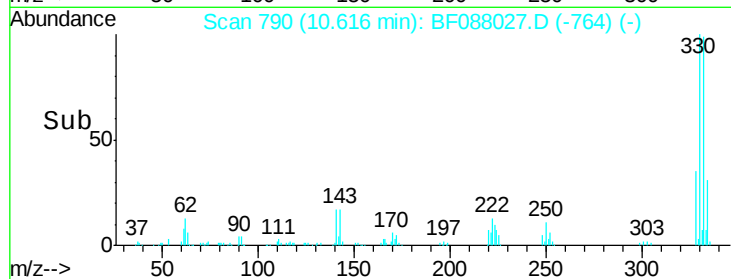
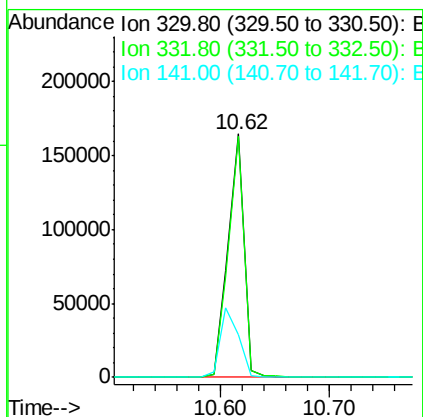
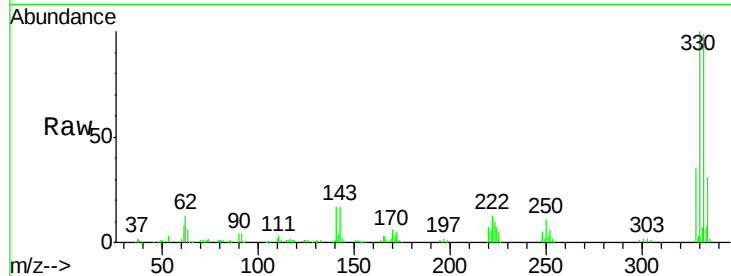




#41
 2,4,6-Tribromophenol
 Concen: 102.26 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF088027.D
 Acq: 15 Jun 2016 5:18

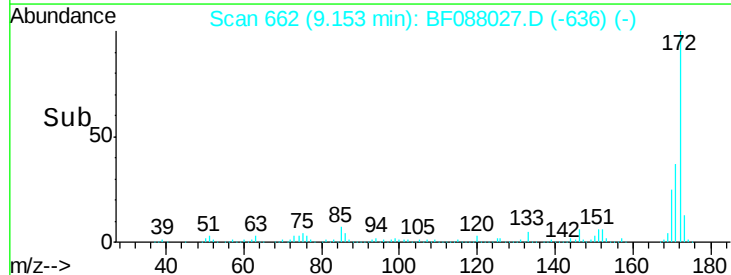
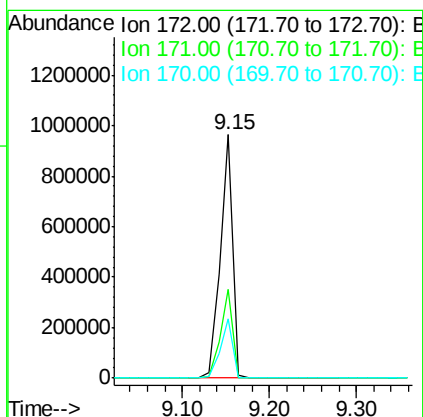
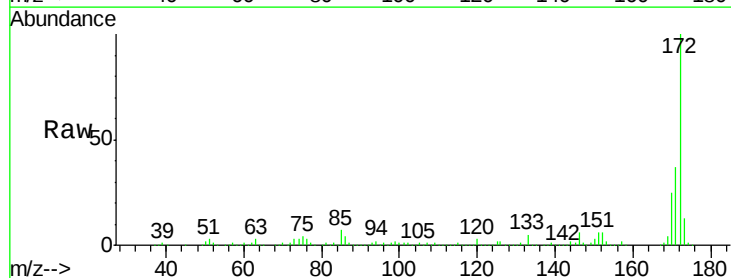
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

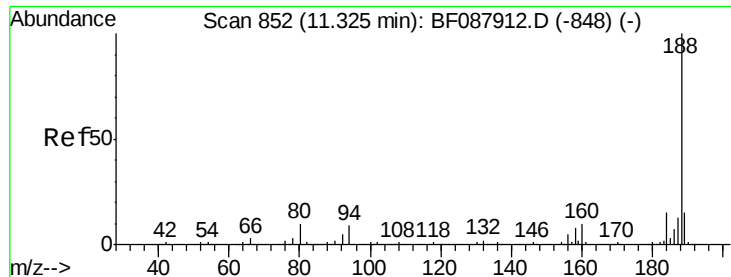
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	32.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 98.57 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088027.D
 Acq: 15 Jun 2016 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.5	19.2	28.8

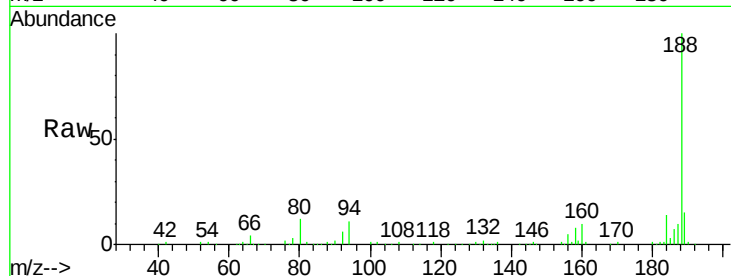




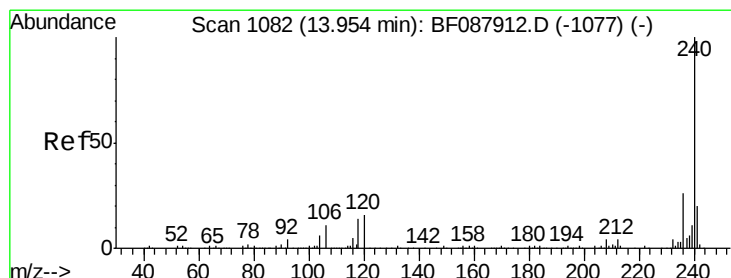
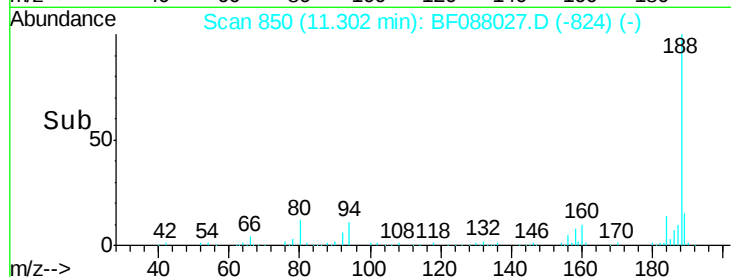
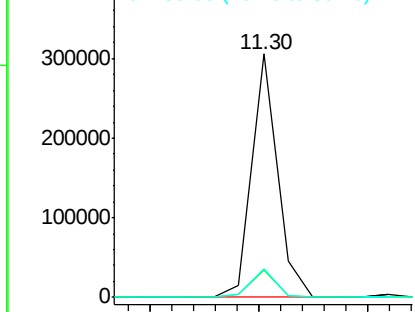
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF088027.D
Acq: 15 Jun 2016 5:18

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2

Tot Ion:188 Resp: 251793
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 11.6 10.0 15.0

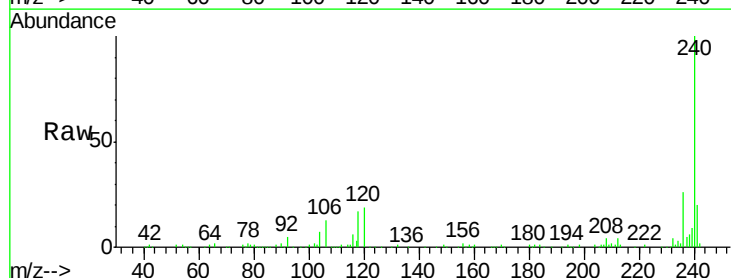


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

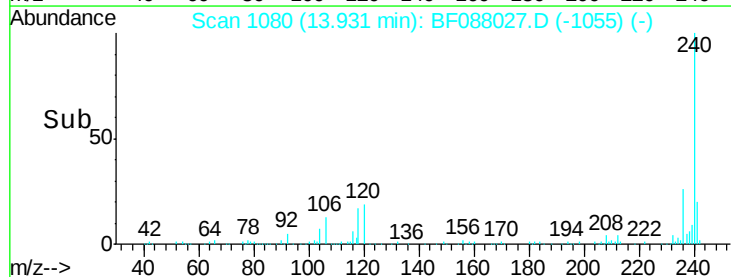
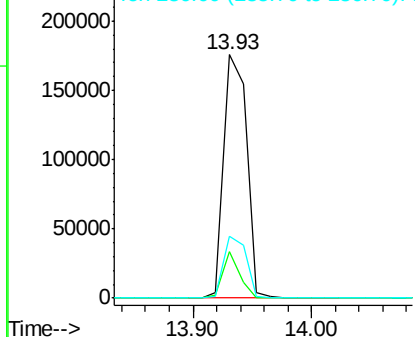


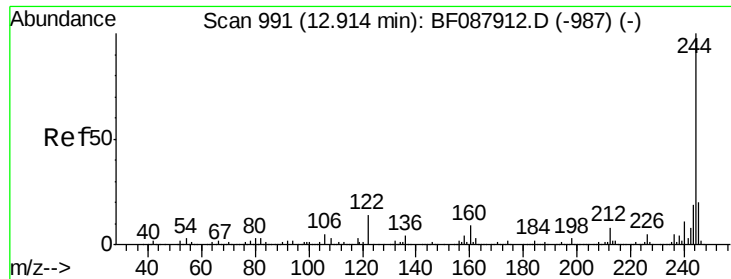
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088027.D
Acq: 15 Jun 2016 5:18

Tgt Ion:240 Resp: 233657
Ion Ratio Lower Upper
240 100
120 19.0 6.8 10.2#
236 25.5 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

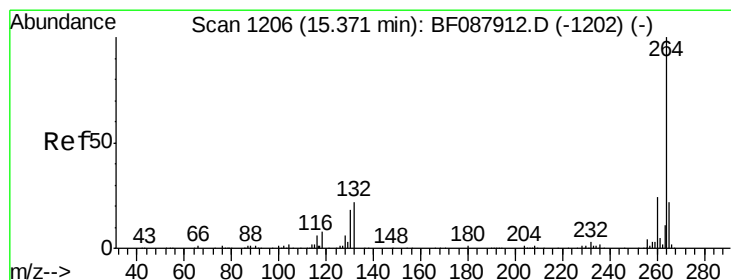
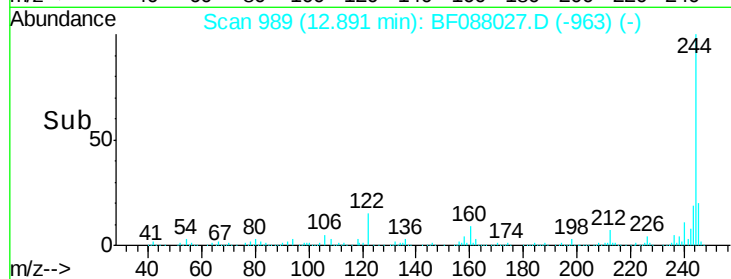
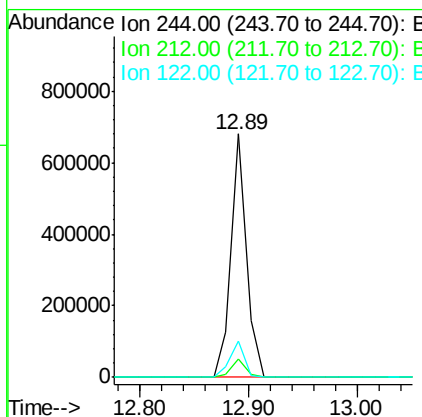
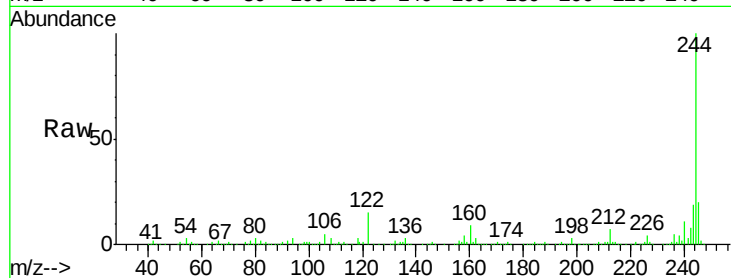




#78
 Terphenyl-d14
 Concen: 64.94 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF088027.D
 Acq: 15 Jun 2016 5:18

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Tot Ion:244 Resp: 666772
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088027.D
 Acq: 15 Jun 2016 5:18

Tgt Ion:264 Resp: 182192
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.9 16.9 25.3

