

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088026.D
 Acq On : 15 Jun 2016 4:48
 Operator : UM/SJ
 Sample : H3425-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

Quant Time: Jun 15 05:47:16 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	90181	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	359634	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	143395	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	228627	20.00	ng	0.00
75) Chrysene-d12	13.94	240	222292	20.00	ng	0.00
86) Perylene-d12	15.35	264	173741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	341875	64.81	ng	0.00
7) Phenol-d6	6.41	99	259294	40.56	ng	-0.01
23) Nitrobenzene-d5	7.35	82	489214	79.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	160795	106.20	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	944048	104.71	ng	0.00
78) Terphenyl-d14	12.89	244	646077	66.14	ng	0.00

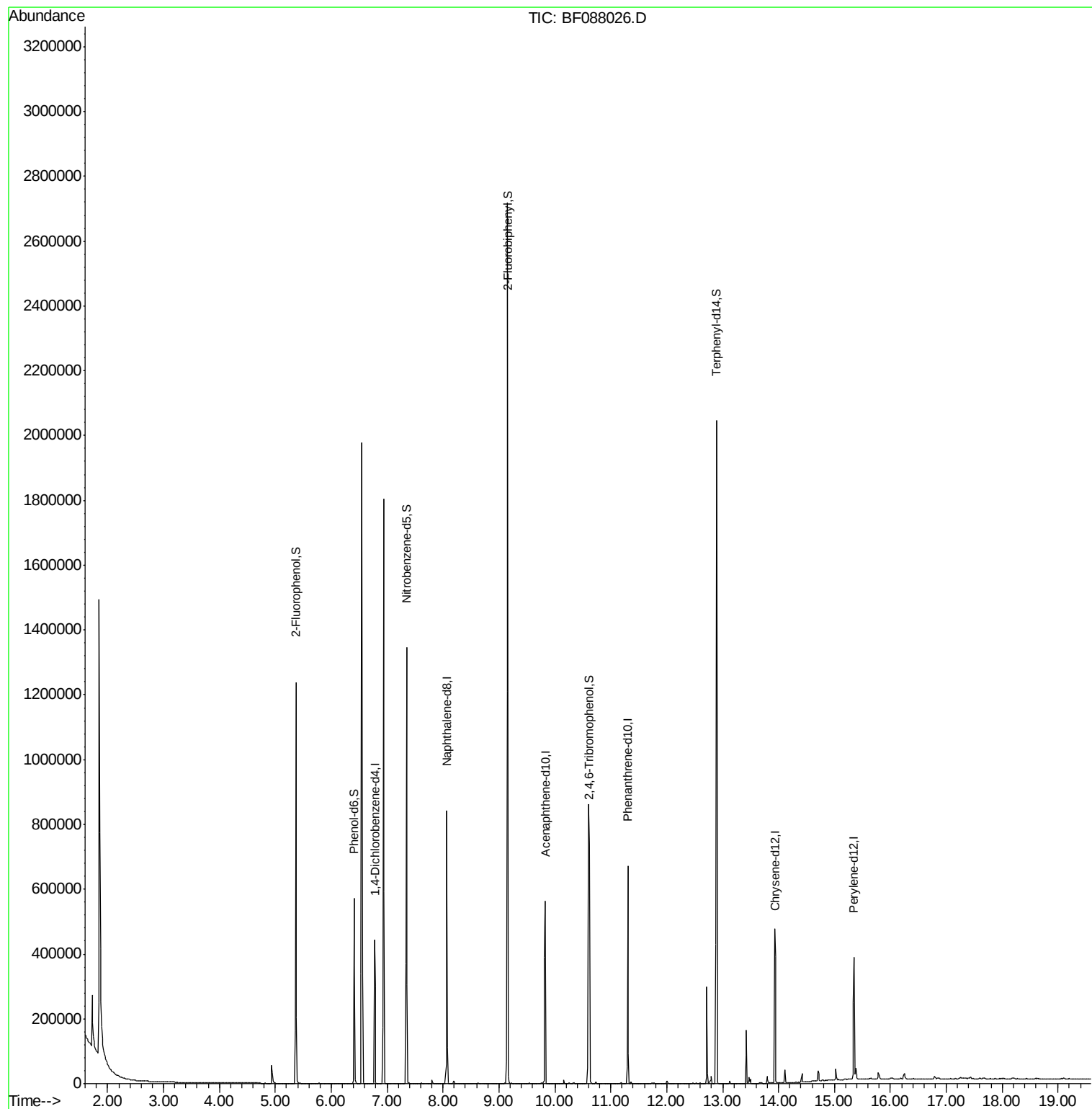
Target Compounds Qvalue

(#) = 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: BF088026.D

Acq: 15 Jun 2016 4:48

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW6

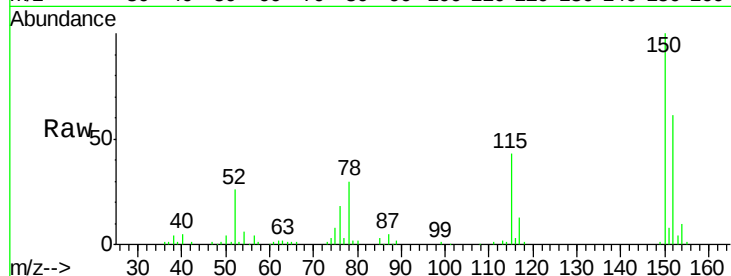
Tot Ion:152 Resp: 90181

Ion Ratio Lower Upper

152 100

150 164.1 123.8 185.6

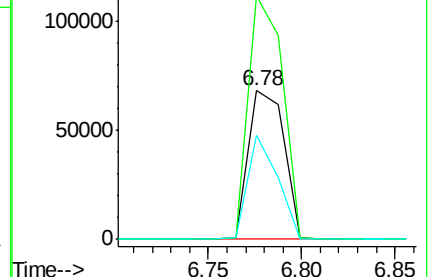
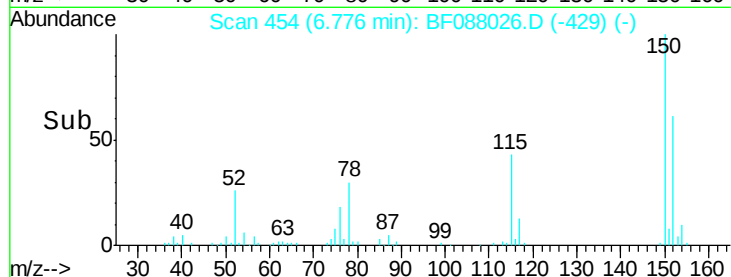
115 70.5 39.6 59.4#



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: 64.81 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF088026.D

Acq: 15 Jun 2016 4:48

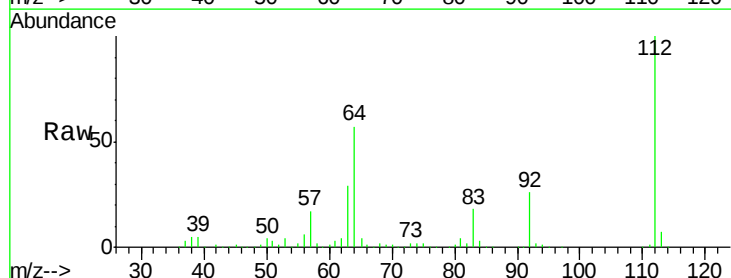
Tgt Ion:112 Resp: 341875

Ion Ratio Lower Upper

112 100

64 57.2 42.2 63.2

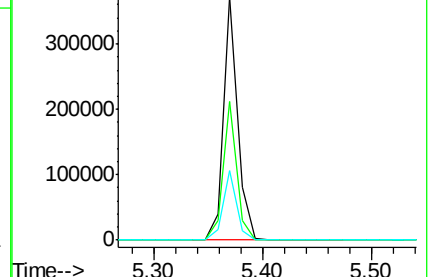
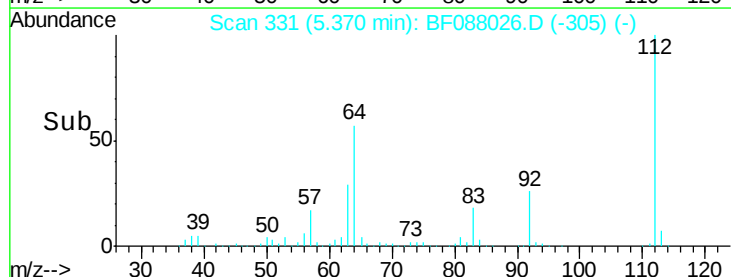
63 28.8 21.8 32.8



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: 40.56 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF088026.D

Acq: 15 Jun 2016 4:48

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW6

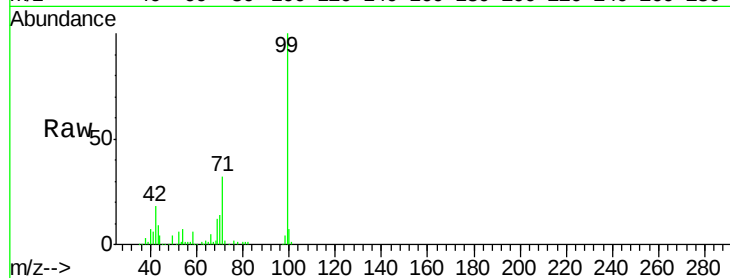
Tot Ion: 99 Resp: 259294

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

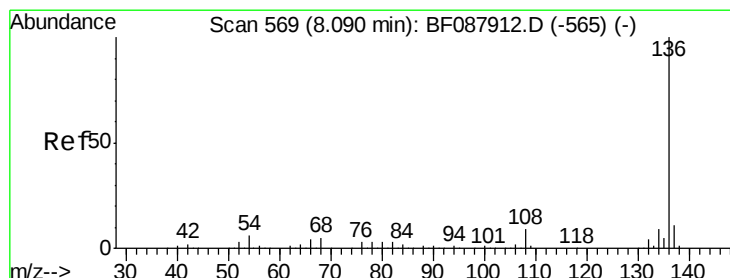
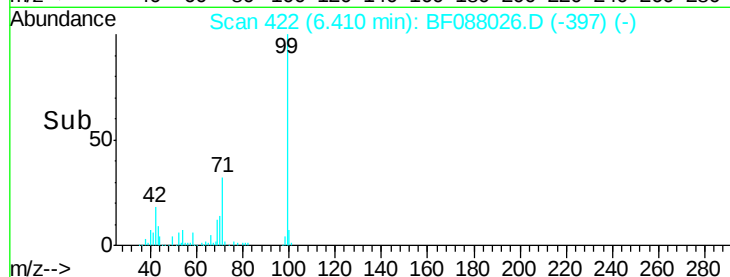
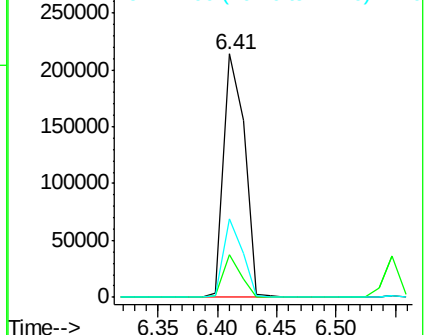
71 32.4 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088026.D

Acq: 15 Jun 2016 4:48

Tgt Ion: 136 Resp: 359634

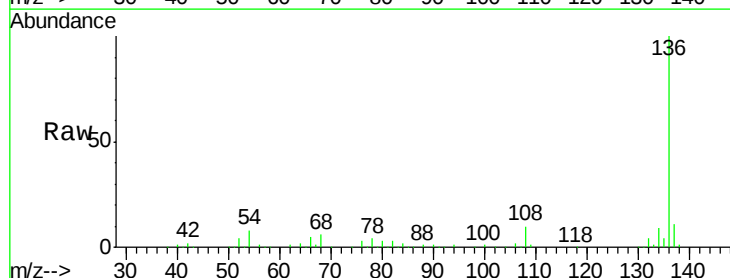
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.6 6.6 10.0

68 6.4 5.1 7.7

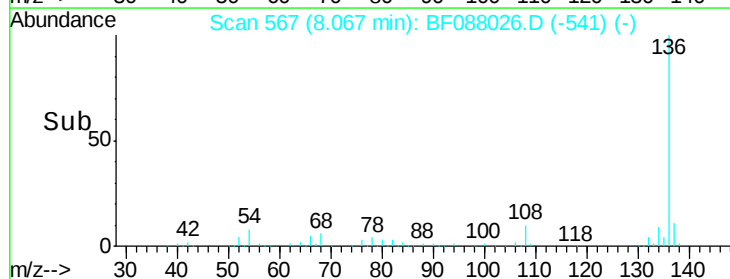
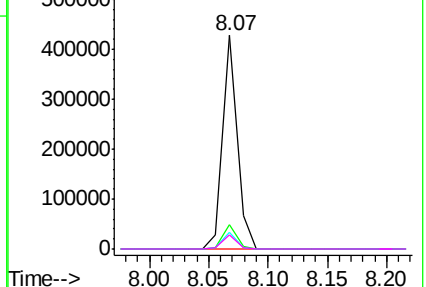


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.43 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF088026.D

Acq: 15 Jun 2016 4:48

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW6

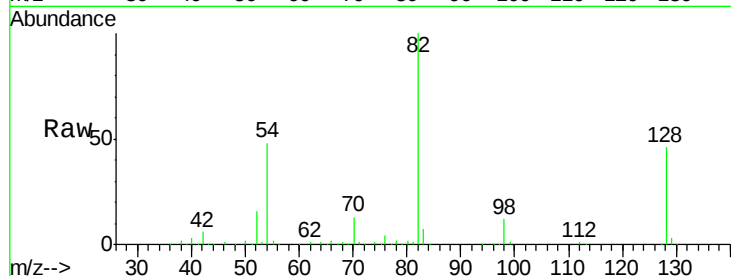
Tot Ion: 82 Resp: 489214

Ion Ratio Lower Upper

82 100

128 45.6 35.9 53.9

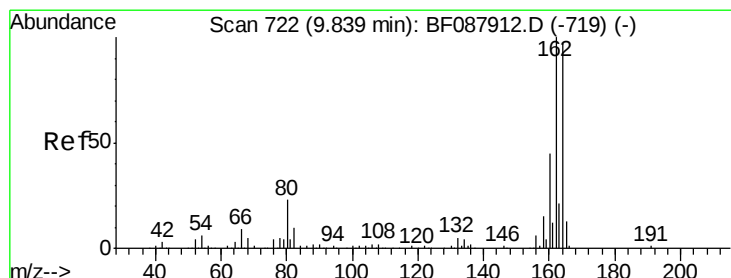
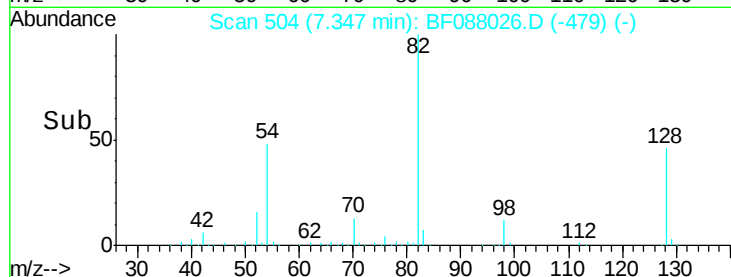
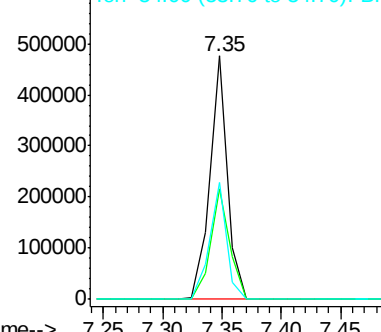
54 47.9 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF088026.D

Acq: 15 Jun 2016 4:48

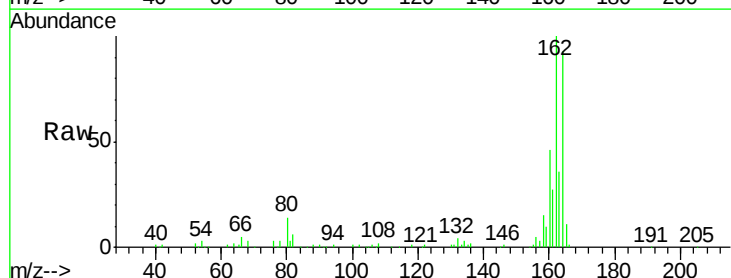
Tgt Ion: 164 Resp: 143395

Ion Ratio Lower Upper

164 100

162 107.4 85.4 128.2

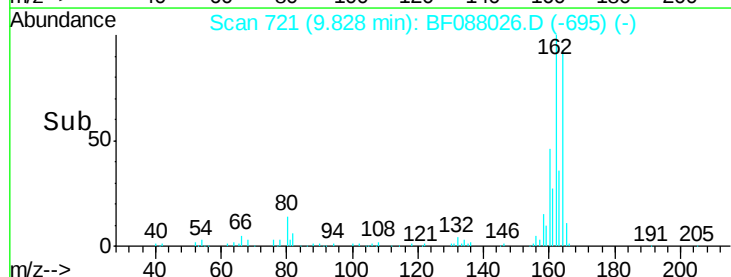
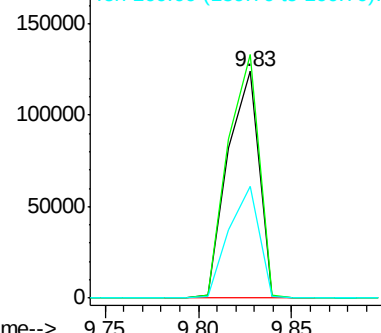
160 49.2 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

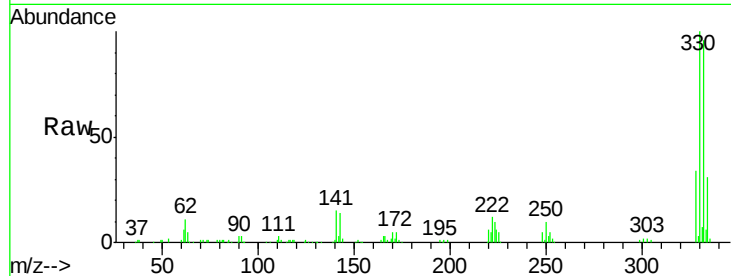




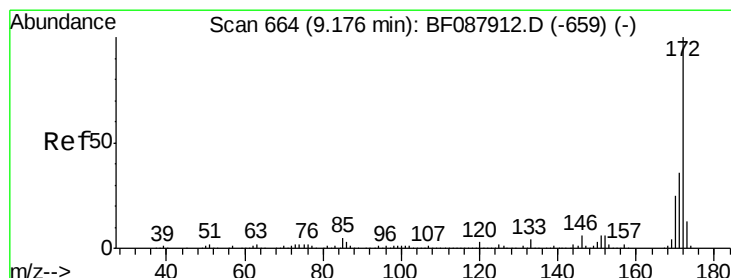
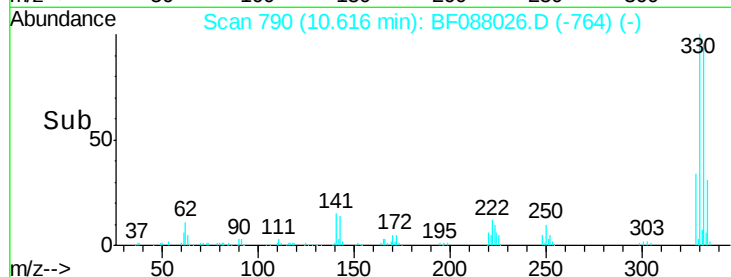
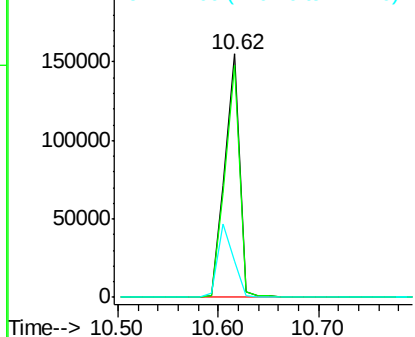
#41
 2,4,6-Tribromophenol
 Concen: 106.20 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF088026.D
 Acq: 15 Jun 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	31.7	0.0	0.0#

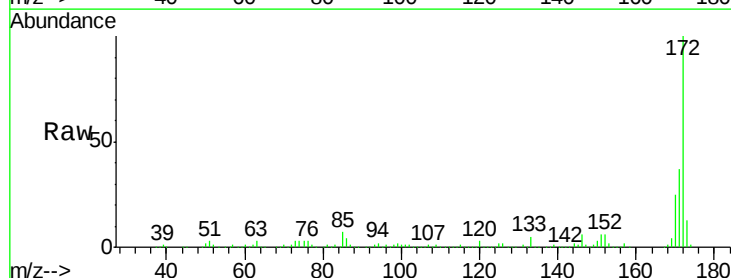


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

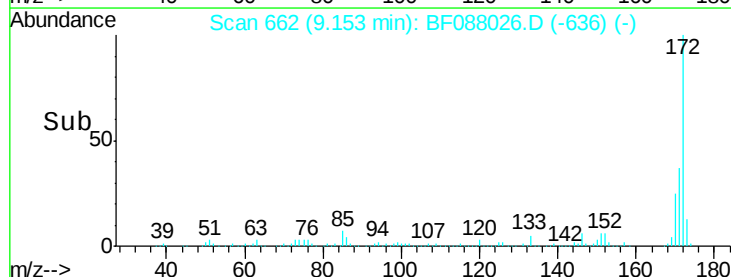
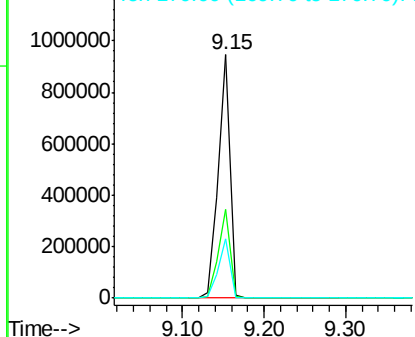


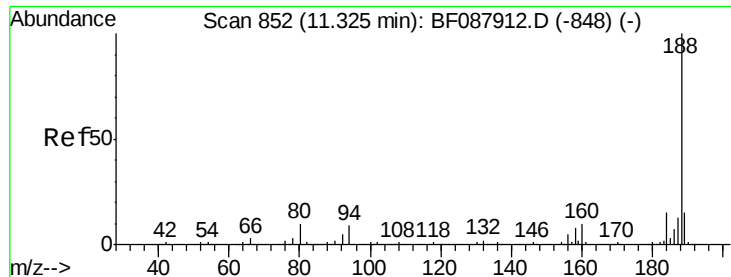
#44
 2-Fluorobiphenyl
 Concen: 104.71 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088026.D
 Acq: 15 Jun 2016 4:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.6	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

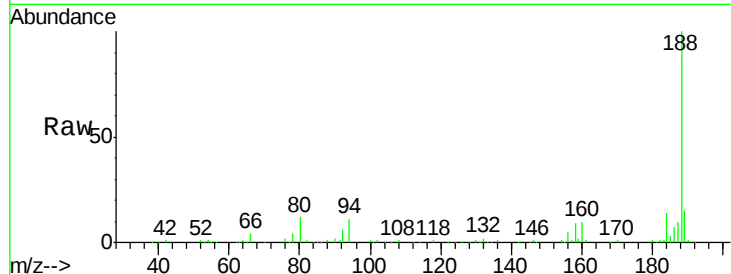




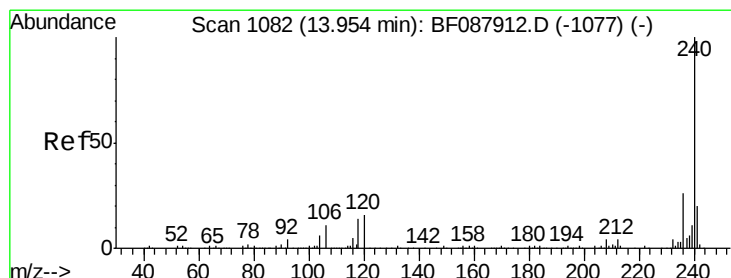
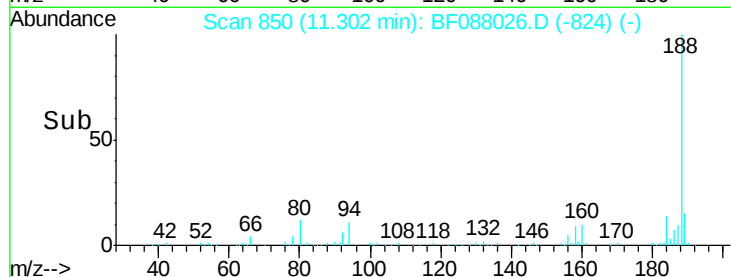
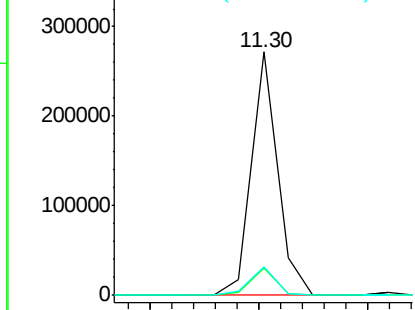
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF088026.D
 Acq: 15 Jun 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.6
80	11.7	10.0	15.0

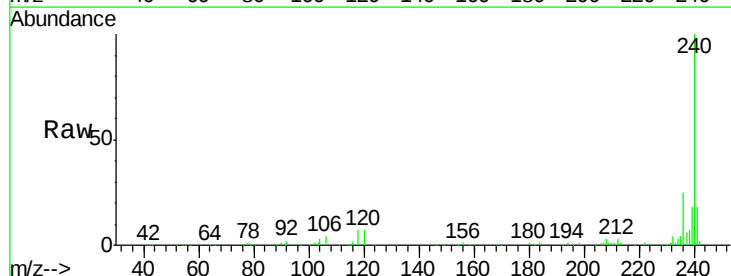


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

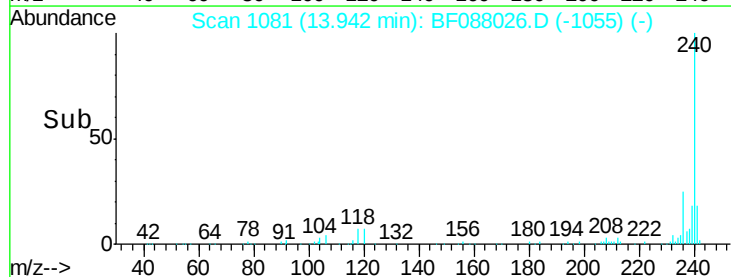
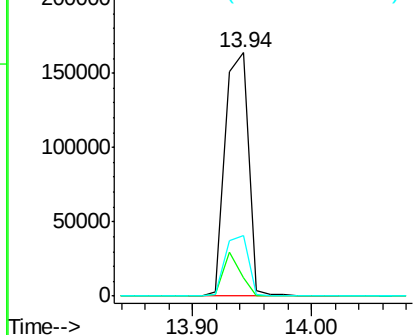


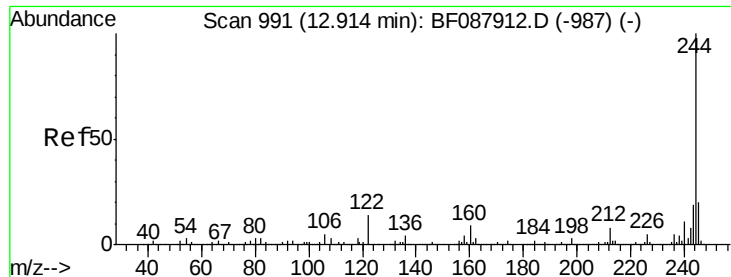
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF088026.D
 Acq: 15 Jun 2016 4:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	25.1	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: 66.14 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF088026.D

Acq: 15 Jun 2016 4:48

Instrument :

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ClientSampleId :

SP16-LF2MW6

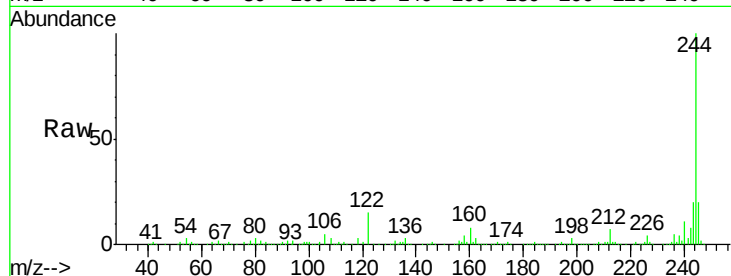
Tot Ion:244 Resp: 646077

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

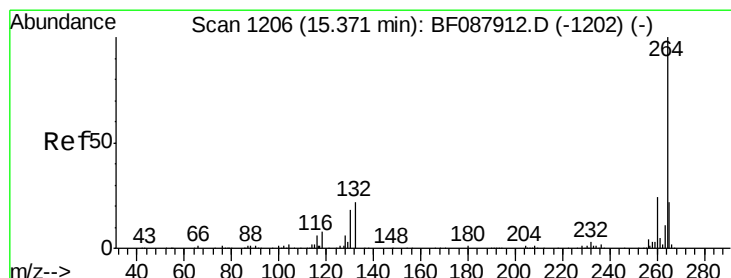
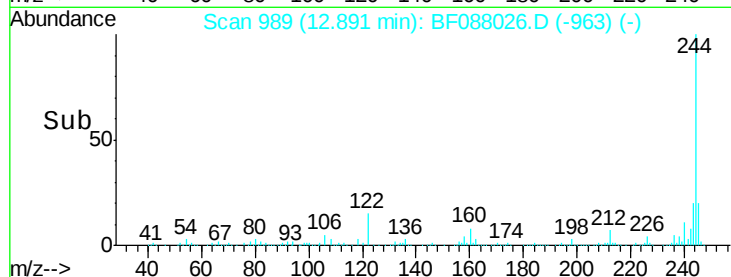
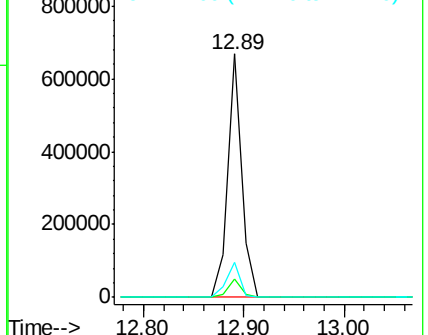
122 14.6 11.2 16.8



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: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088026.D

Acq: 15 Jun 2016 4:48

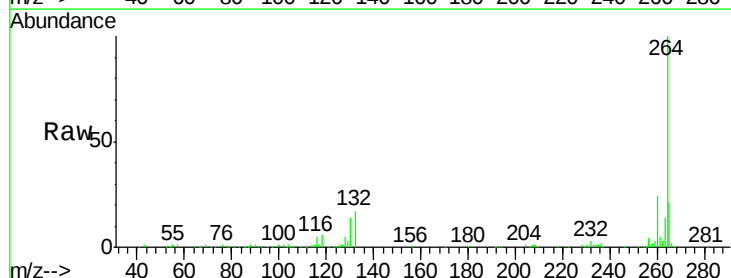
Tgt Ion:264 Resp: 173741

Ion Ratio Lower Upper

264 100

260 23.7 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

