

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086220.D
 Acq On : 15 Apr 2016 16:57
 Operator : UM/SJ
 Sample : PB89820BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BL

Quant Time: Apr 16 00:42:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 16 00:36:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	272927	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1154592	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	490166	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	900557	20.00	ng	0.00
75) Chrysene-d12	14.04	240	685127	20.00	ng	-0.01
86) Perylene-d12	15.48	264	525900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1557313	93.49	ng	0.01
7) Phenol-d6	6.51	99	1961144	94.13	ng	0.00
23) Nitrobenzene-d5	7.45	82	1347976	67.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	358369	91.05	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1884536	70.95	ng	-0.01
78) Terphenyl-d14	13.00	244	1567364	57.53	ng	0.00

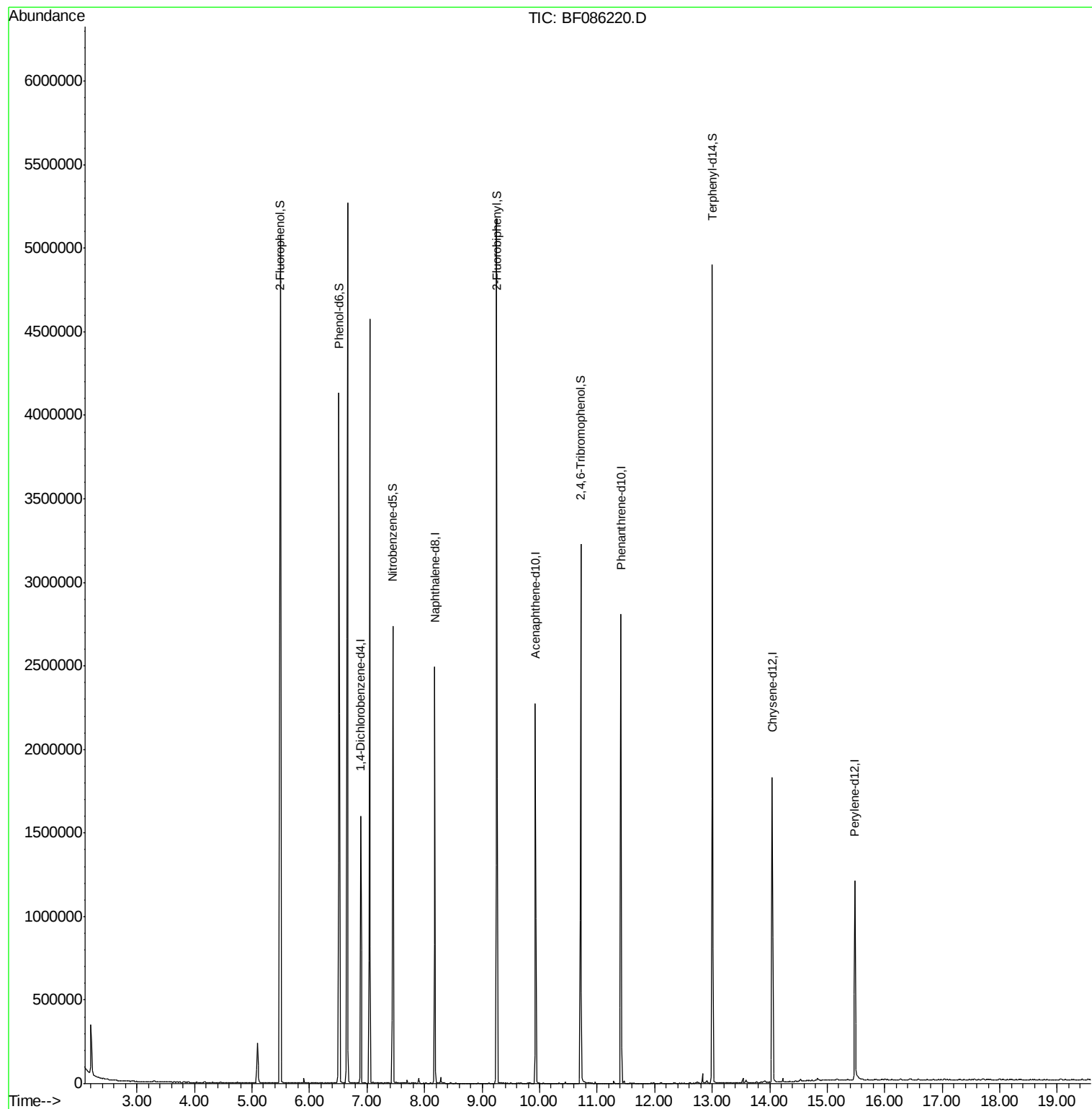
Target Compounds Qvalue

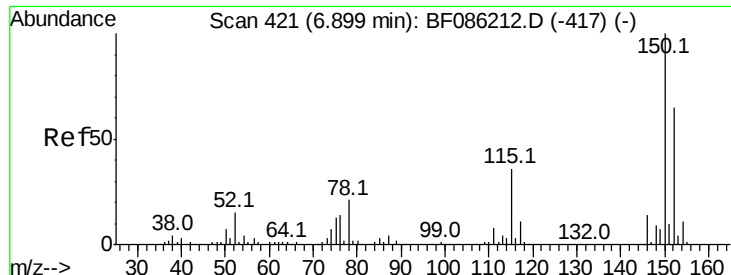
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086220.D

Acq: 15 Apr 2016 16:57

Instrument :

BNA_F

ClientSampleId :

PB89820BL

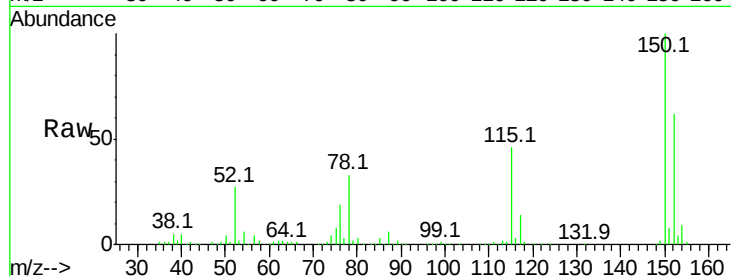
Tot Ion:152 Resp: 272927

Ion Ratio Lower Upper

152 100

150 161.2 124.1 186.1

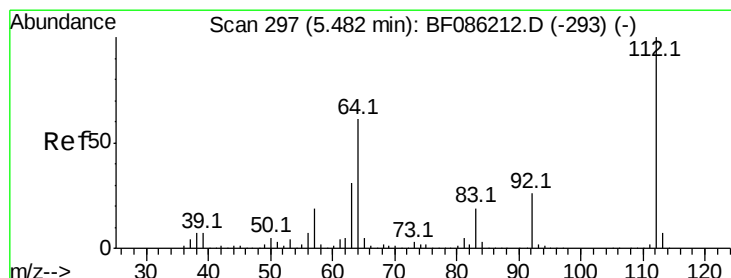
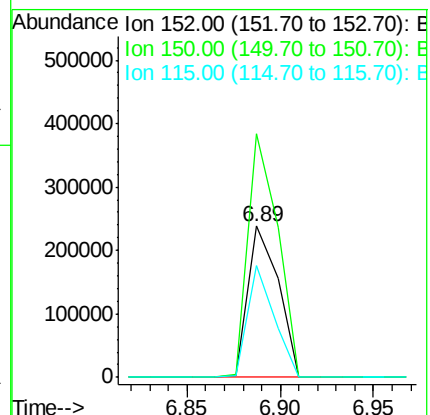
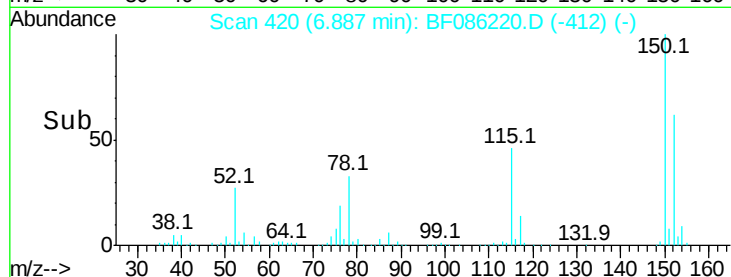
115 73.9 43.9 65.9#



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: 93.49 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086220.D

Acq: 15 Apr 2016 16:57

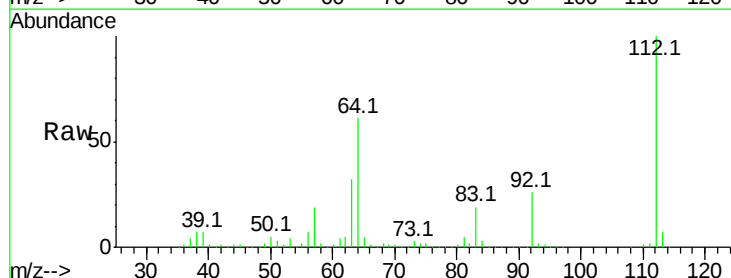
Tgt Ion:112 Resp: 1557313

Ion Ratio Lower Upper

112 100

64 60.6 48.1 72.1

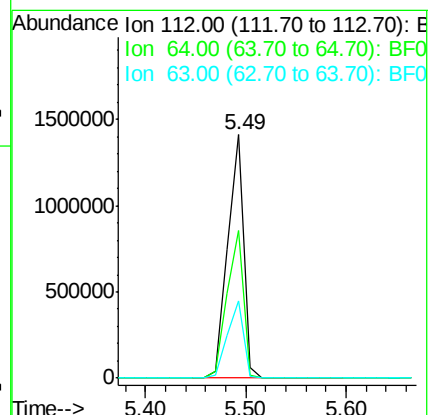
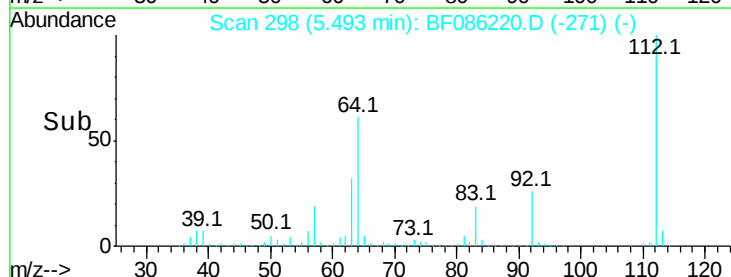
63 31.9 25.5 38.3

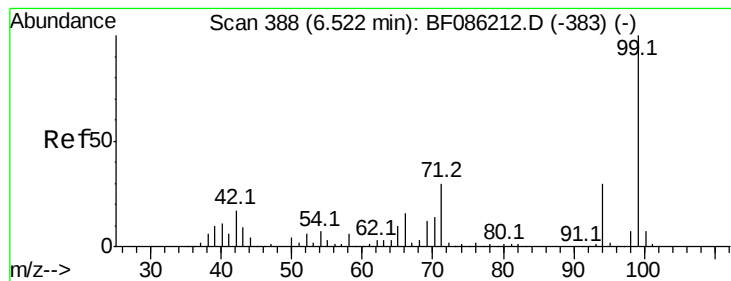


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.13 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF086220.D

Acq: 15 Apr 2016 16:57

Instrument :

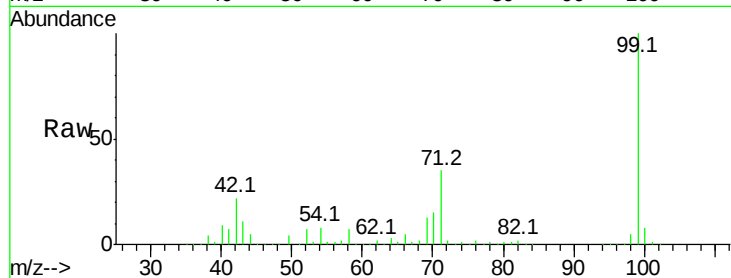
BNA_F

ClientSampled :

PB89820BL

Tot Ion: 99 Resp: 1961144

Ion	Ratio	Lower	Upper
99	100		
42	21.9	15.4	23.2
71	34.5	25.6	38.4

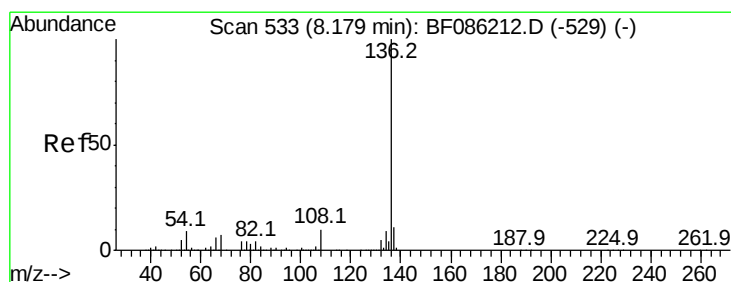
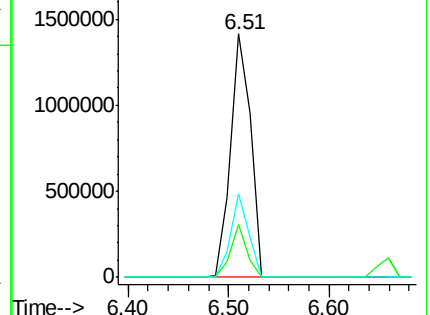
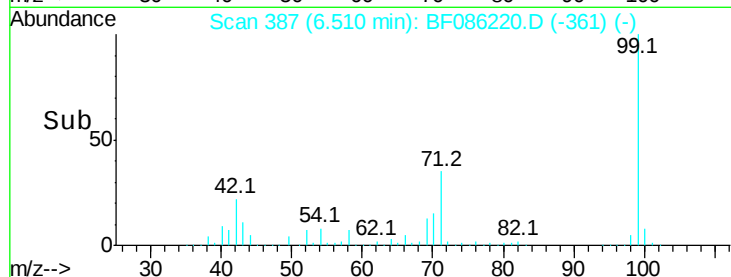


Abundance

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: 8.18 min Scan# 533

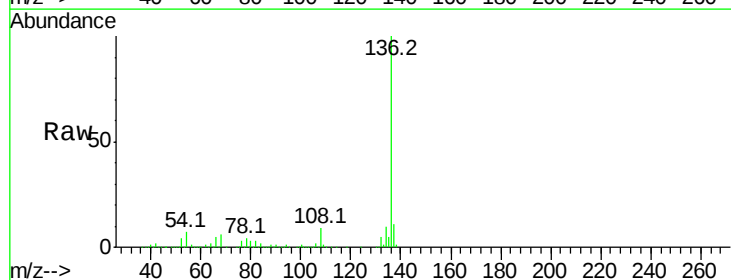
Delta R.T. -0.00 min

Lab File: BF086220.D

Acq: 15 Apr 2016 16:57

Tgt Ion: 136 Resp: 1154592

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.3	7.3	10.9
68	6.0	5.7	8.5



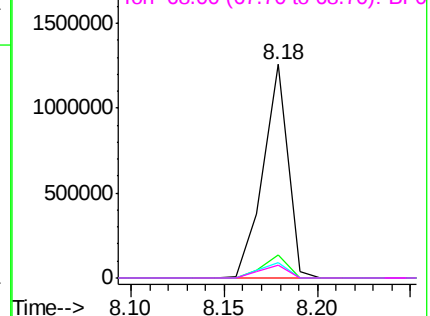
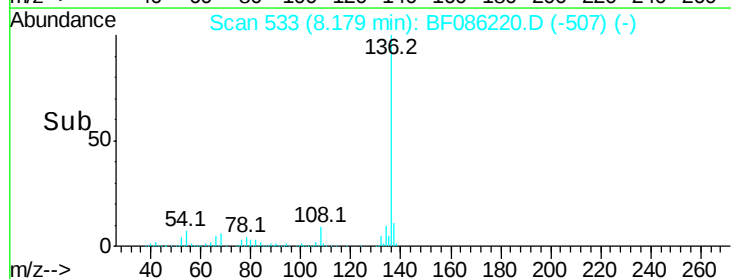
Abundance

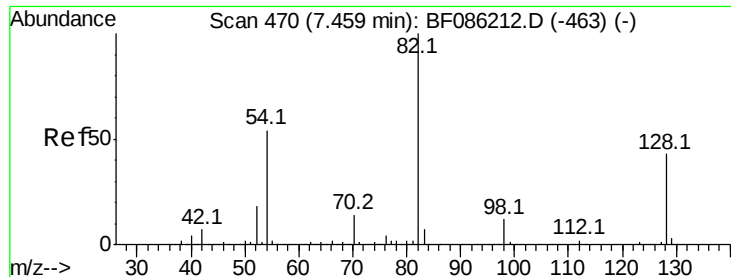
Ion 136.00 (135.70 to 136.70): E

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

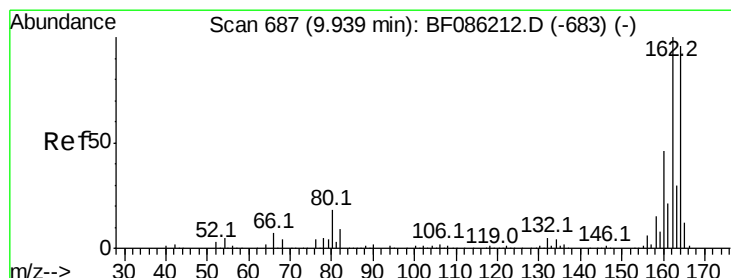
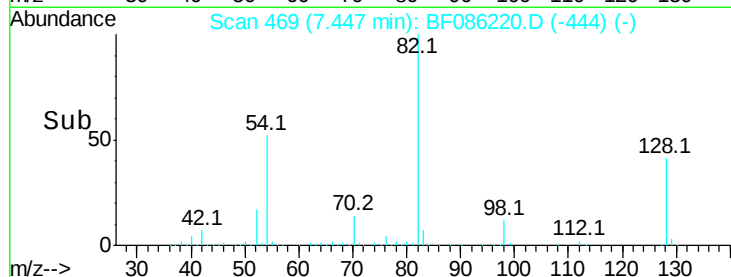
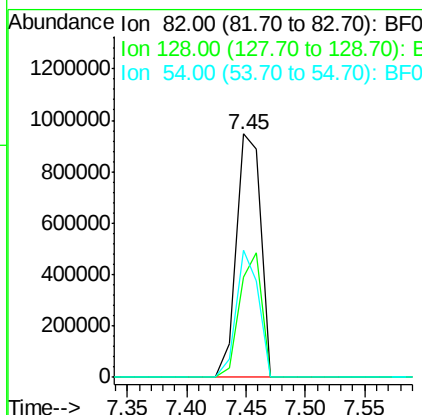
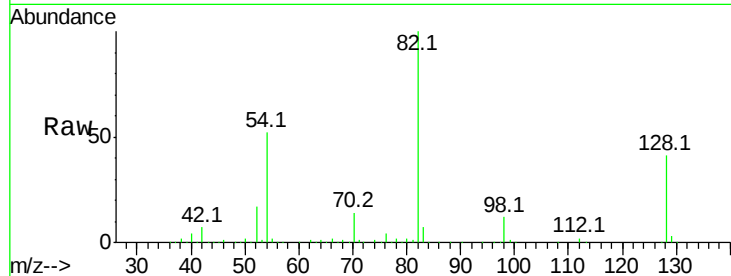




#23
 Nitrobenzene-d5
 Concen: 67.34 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086220.D
 Acq: 15 Apr 2016 16:57

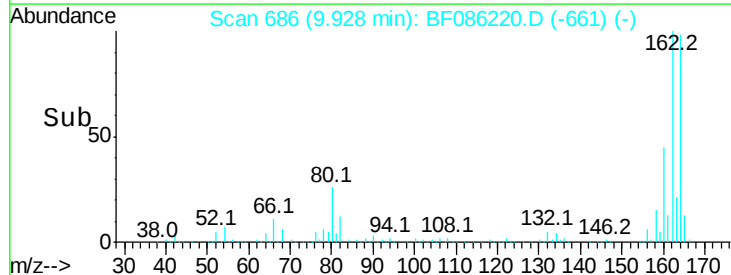
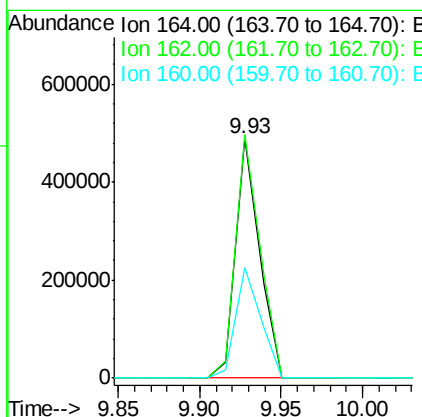
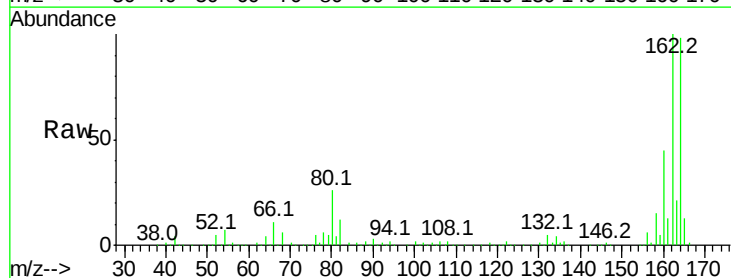
Instrument :
 BNA_F
 ClientSampleId :
 PB89820BL

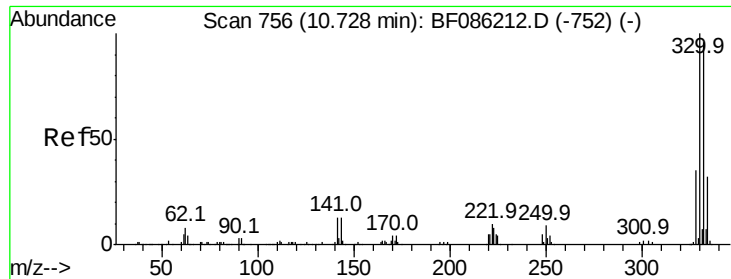
Tot Ion: 82 Resp: 1347976
 Ion Ratio Lower Upper
 82 100
 128 41.1 35.4 53.2
 54 52.0 43.4 65.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086220.D
 Acq: 15 Apr 2016 16:57

Tgt Ion:164 Resp: 490166
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.8 124.2
 160 46.0 38.9 58.3





#41

2,4,6-Tribromophenol

Concen: 91.05 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086220.D

Acq: 15 Apr 2016 16:57

Instrument :

BNA_F

ClientSampleId :

PB89820BL

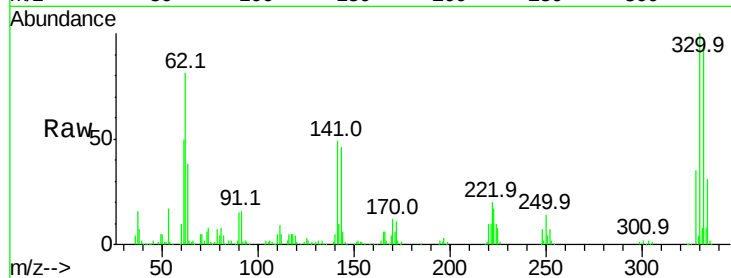
Tot Ion:330 Resp: 358369

Ion Ratio Lower Upper

330 100

332 95.5 78.7 118.1

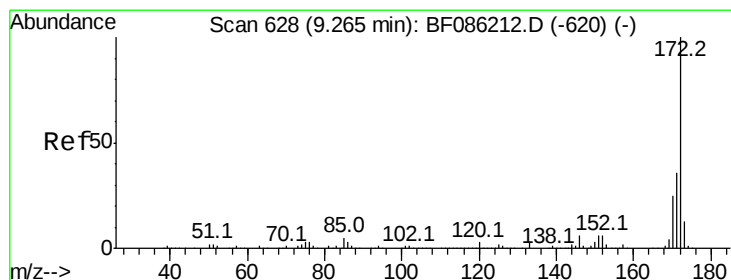
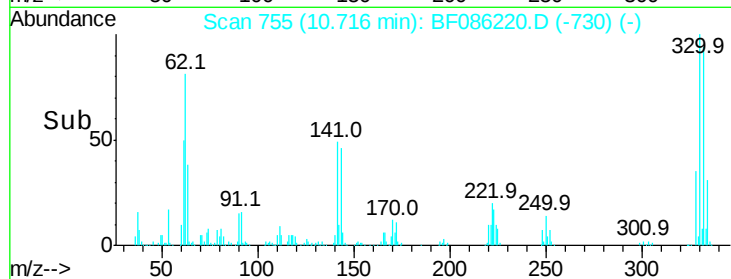
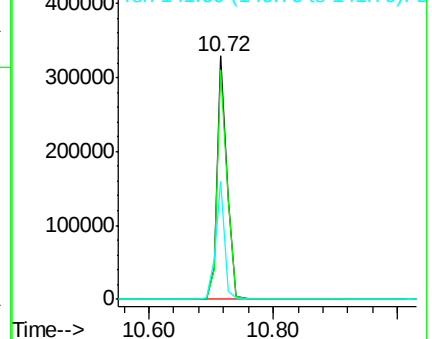
141 44.4 28.6 42.8#



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: 70.95 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086220.D

Acq: 15 Apr 2016 16:57

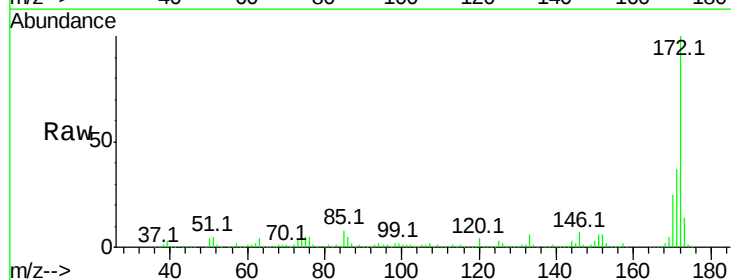
Tgt Ion:172 Resp: 1884536

Ion Ratio Lower Upper

172 100

171 36.6 29.1 43.7

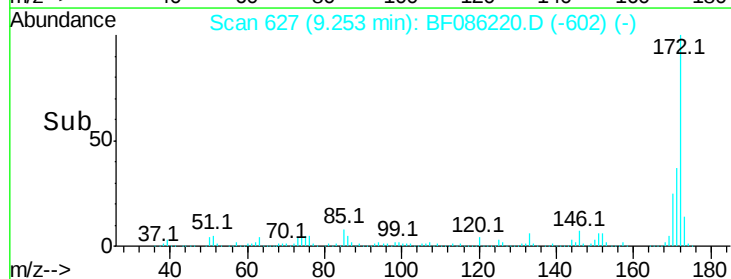
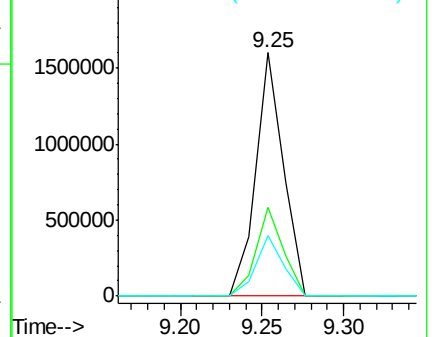
170 24.9 19.9 29.9

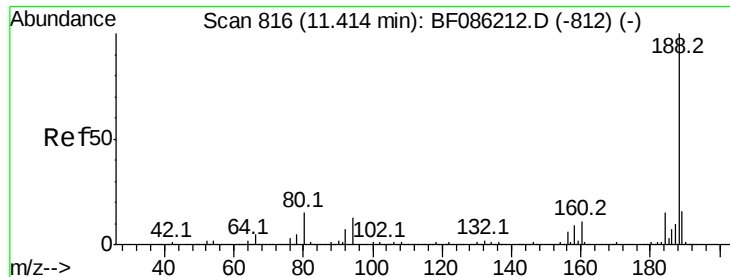


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

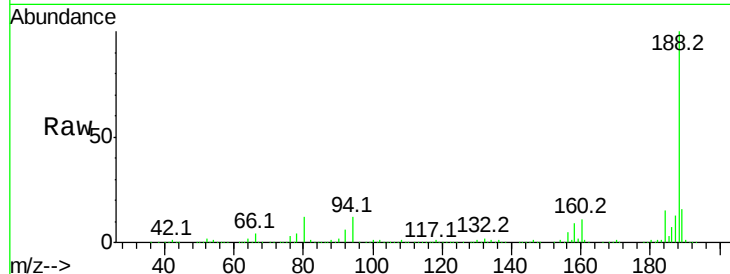




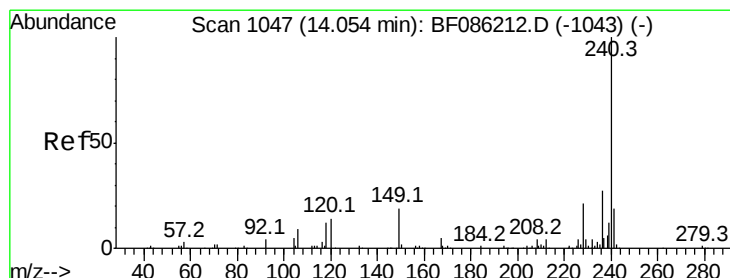
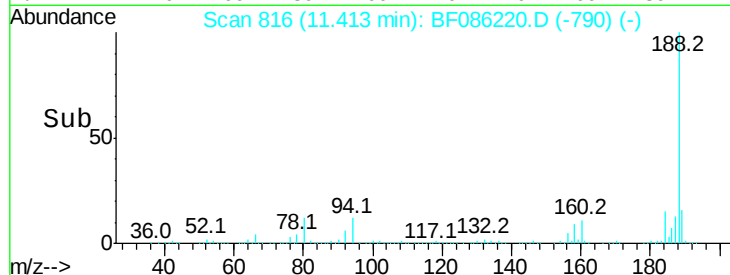
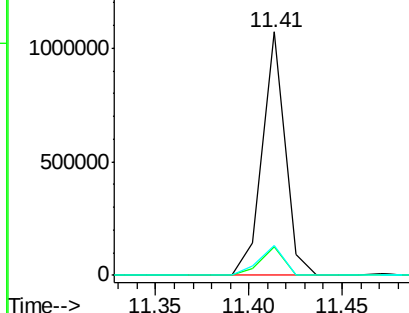
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086220.D
Acq: 15 Apr 2016 16:57

Instrument :
BNA_F
ClientSampleId :
PB89820BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.8	14.8
80	12.4	10.5	15.7

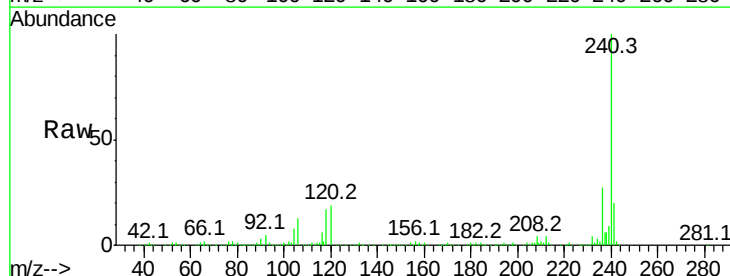


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

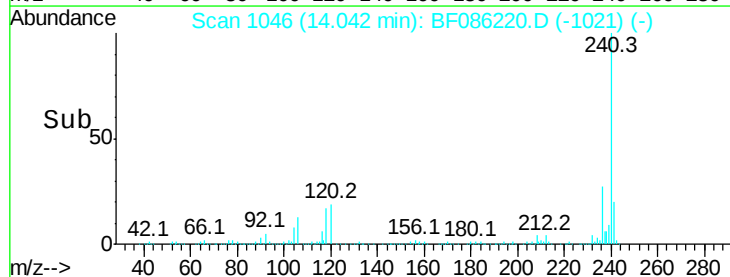
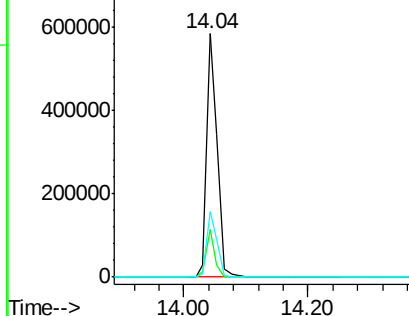


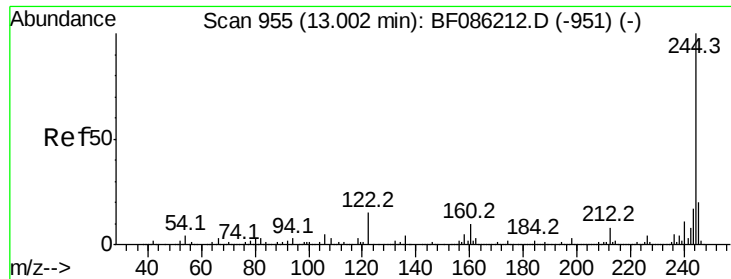
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086220.D
Acq: 15 Apr 2016 16:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.4	9.3	31.9#
236	26.9	21.1	31.7



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

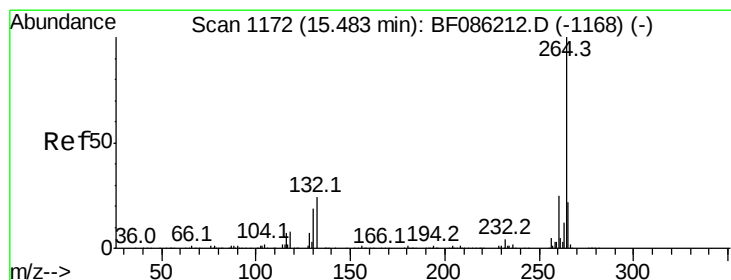
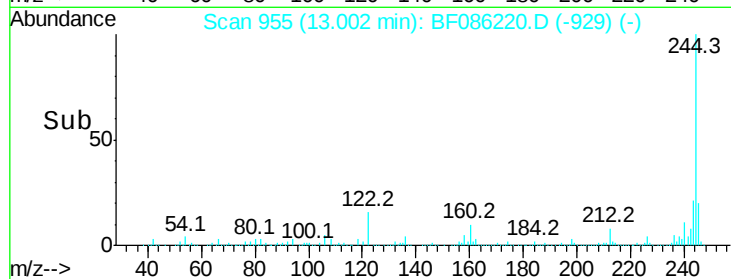
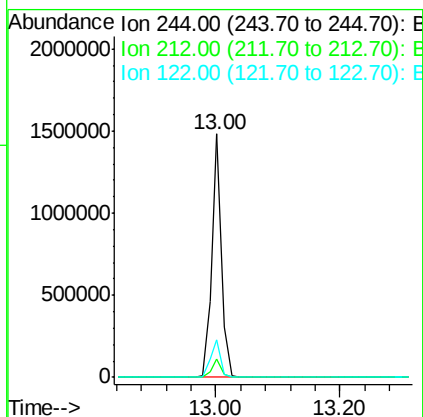
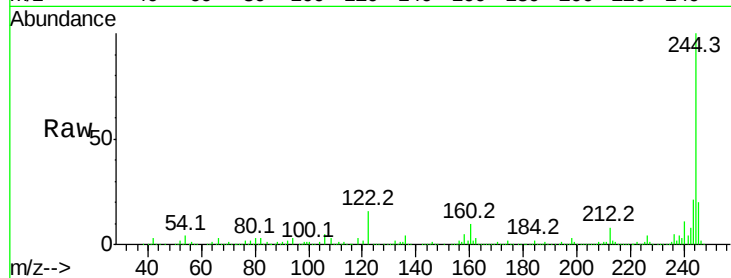




#78
 Terphenyl-d14
 Concen: 57.53 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF086220.D
 Acq: 15 Apr 2016 16:57

Instrument :
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 ClientSampleId :
 PB89820BL

Tot Ion:244 Resp: 1567364
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 15.5 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086220.D
 Acq: 15 Apr 2016 16:57

Tgt Ion:264 Resp: 525900
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 21.3 17.4 26.0

