

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086920.D
 Acq On : 12 May 2016 8:22
 Operator : UM/SJ
 Sample : PB90419BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BL

Quant Time: May 12 15:29:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 15:26:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	137909	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	529630	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	212416	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	312078	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	303682	20.00	ng	-0.01
86) Perylene-d12	15.13	264	224308	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	963479	118.32	ng	0.00
7) Phenol-d6	6.30	99	1249162	114.78	ng	-0.02
23) Nitrobenzene-d5	7.21	82	886602	84.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	192339	85.53	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1290220	102.08	ng	0.00
78) Terphenyl-d14	12.73	244	934878	65.32	ng	0.00

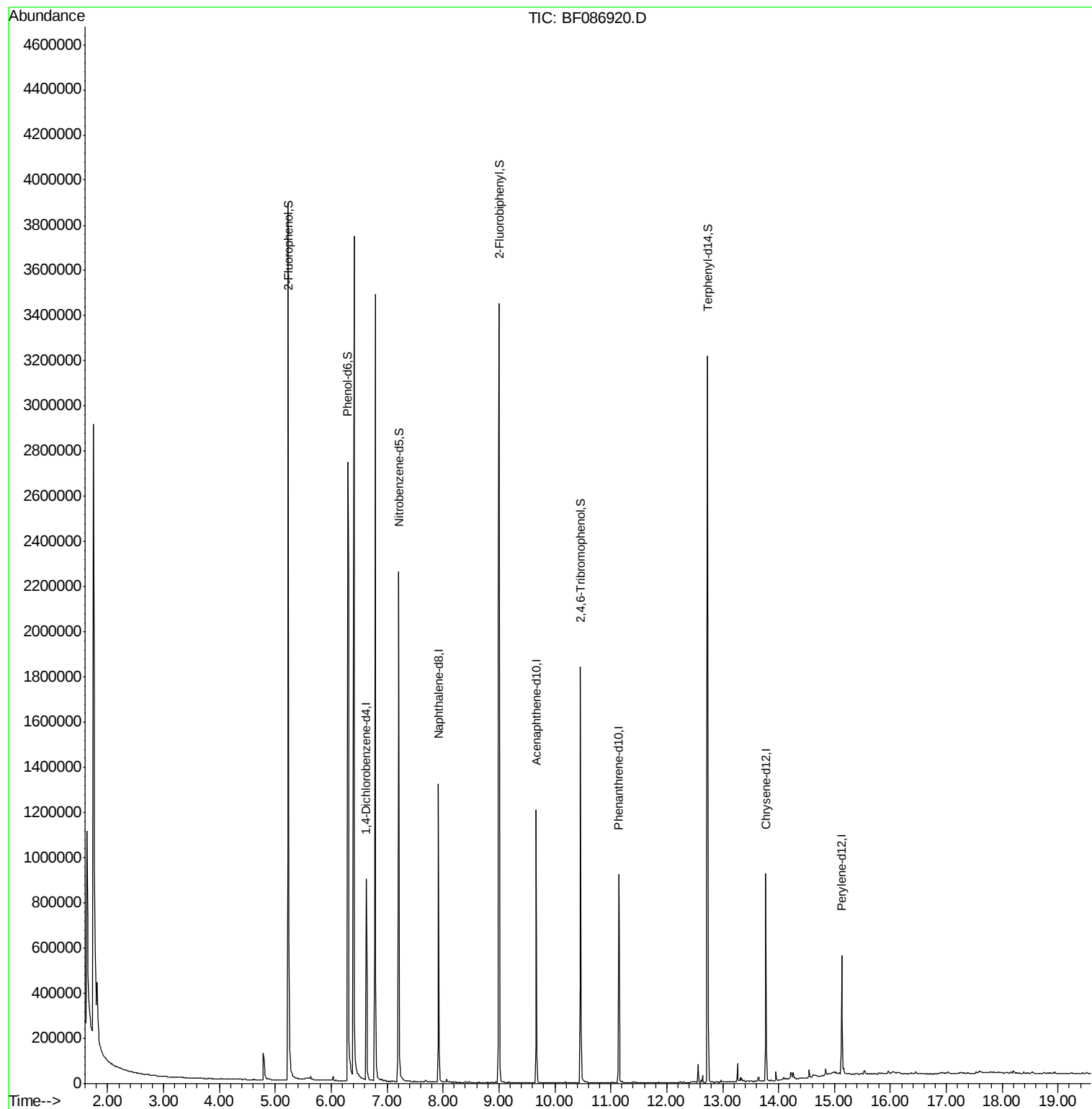
Target Compounds	Qvalue
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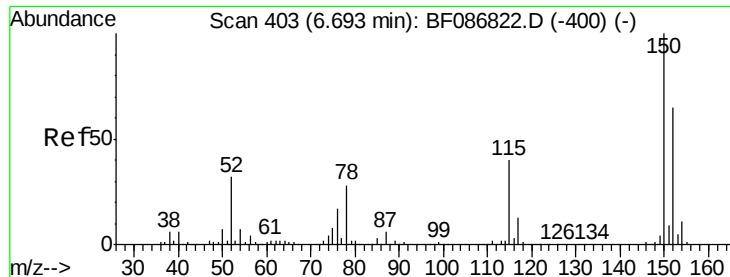
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086920.D

Acq: 12 May 2016 8:22

Instrument :

BNA_F

ClientSampleID :

PB90419BL

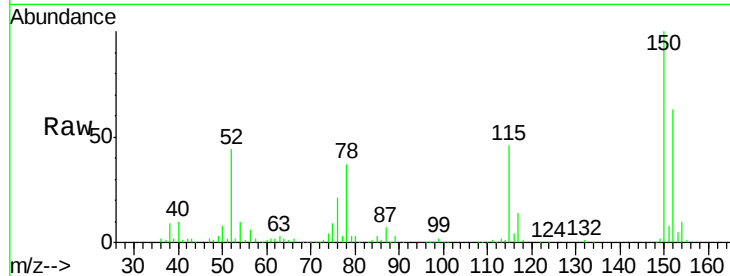
Tgt Ion:152 Resp: 137909

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.6

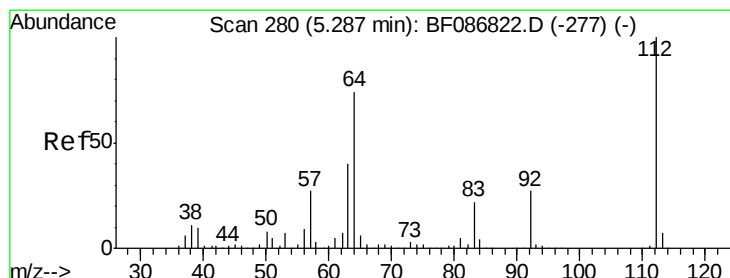
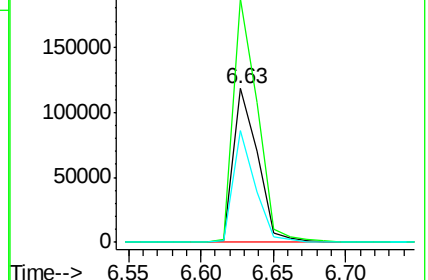
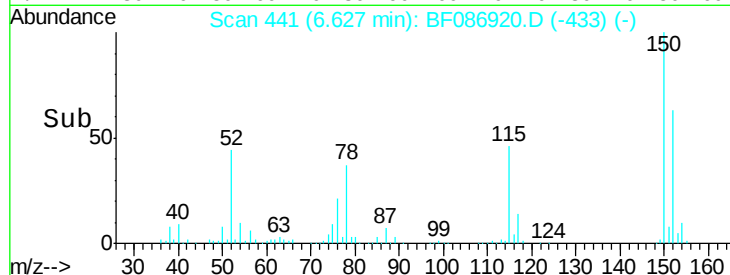
115 73.0 51.5 77.3



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: 118.32 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.00 min

Lab File: BF086920.D

Acq: 12 May 2016 8:22

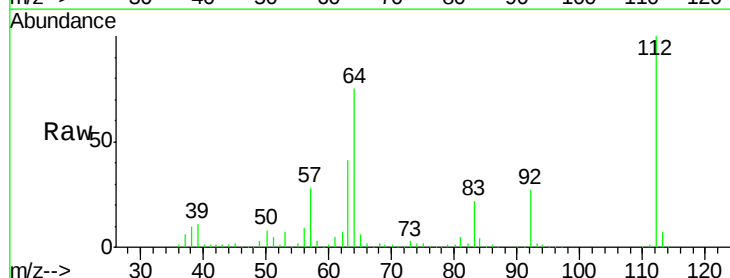
Tgt Ion:112 Resp: 963479

Ion Ratio Lower Upper

112 100

64 75.1 52.1 78.1

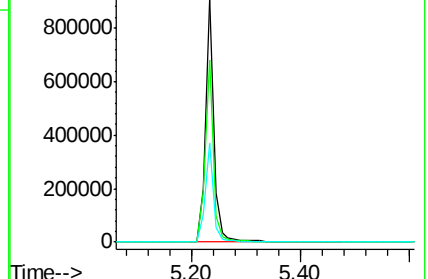
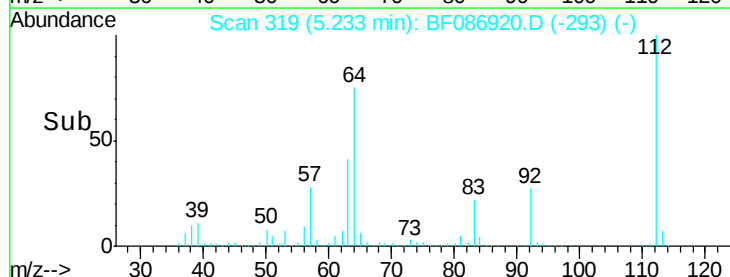
63 40.7 25.7 38.5#

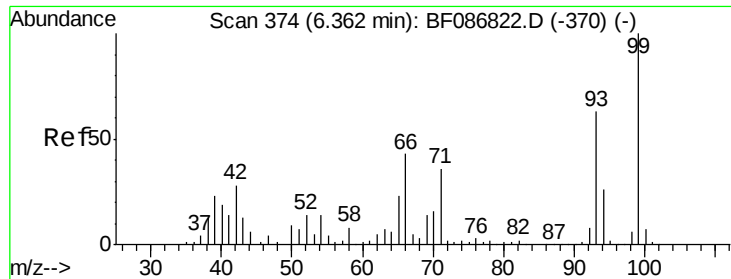


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.78 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF086920.D

Acq: 12 May 2016 8:22

Instrument :

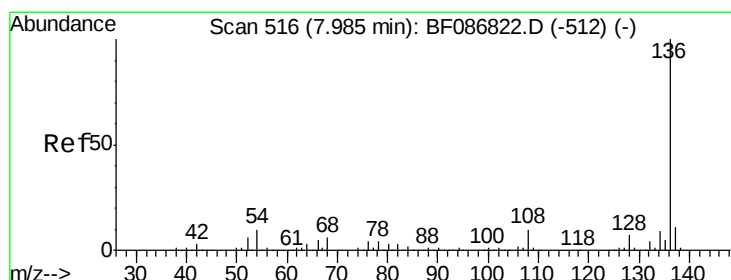
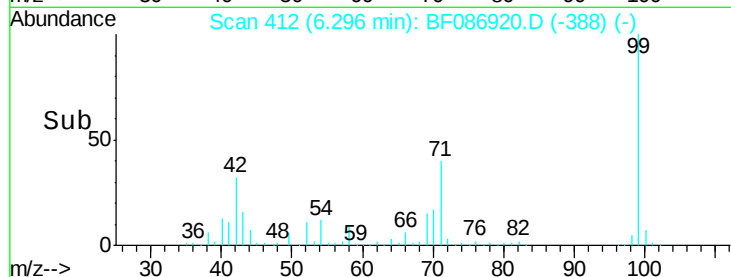
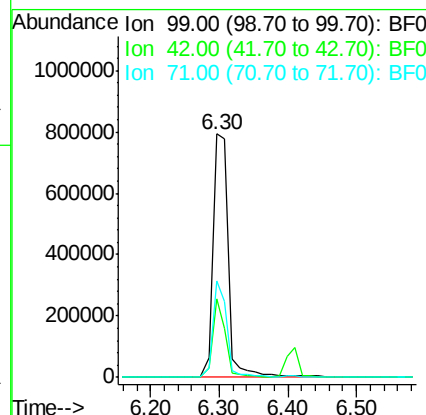
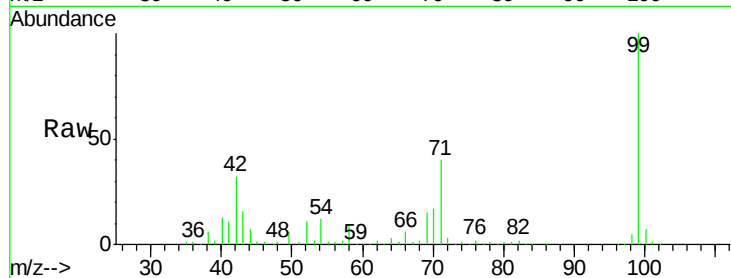
BNA_F

ClientSampled :

PB90419BL

Tgt Ion: 99 Resp: 1249162

Ion	Ratio	Lower	Upper
99	100		
42	32.2	13.6	20.4#
71	39.8	24.6	36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

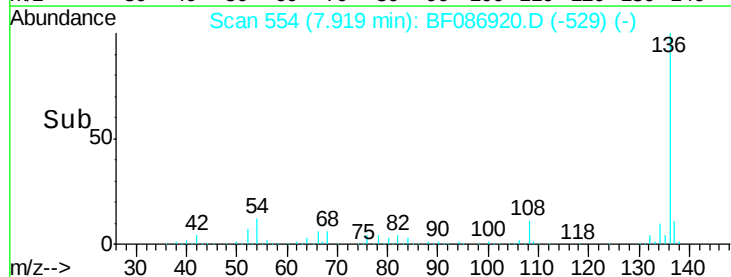
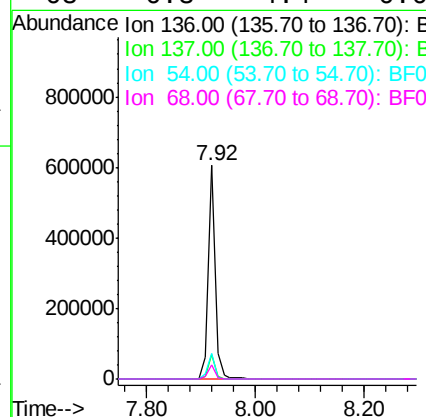
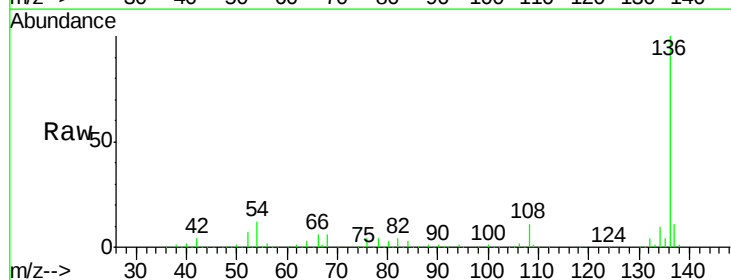
Delta R.T. -0.01 min

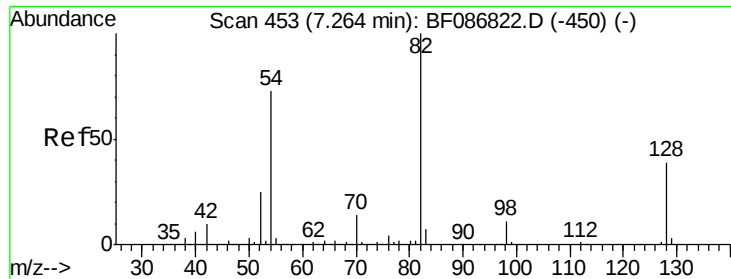
Lab File: BF086920.D

Acq: 12 May 2016 8:22

Tgt Ion: 136 Resp: 529630

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.0	5.0	7.4#
68	6.3	4.4	6.6

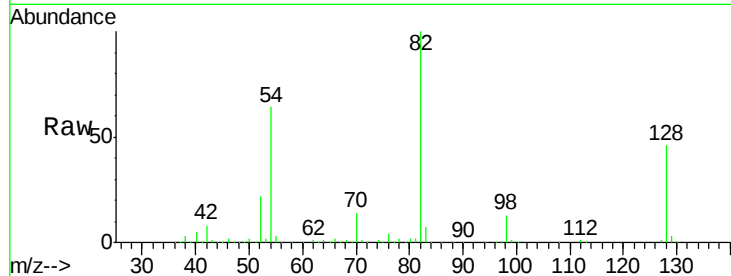




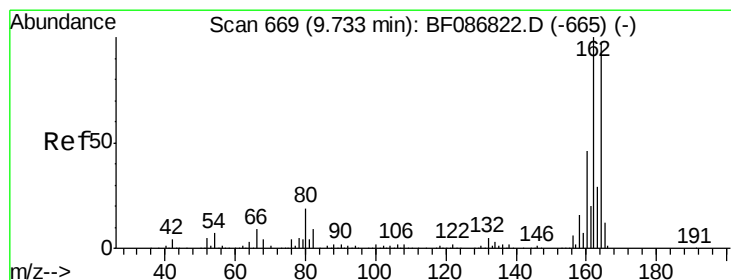
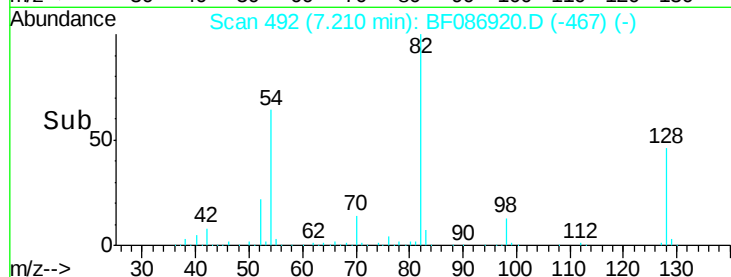
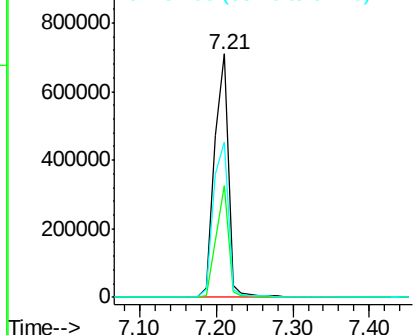
#23
 Nitrobenzene-d5
 Concen: 84.06 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086920.D
 Acq: 12 May 2016 8:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	40.6	61.0
54	63.7	38.1	57.1

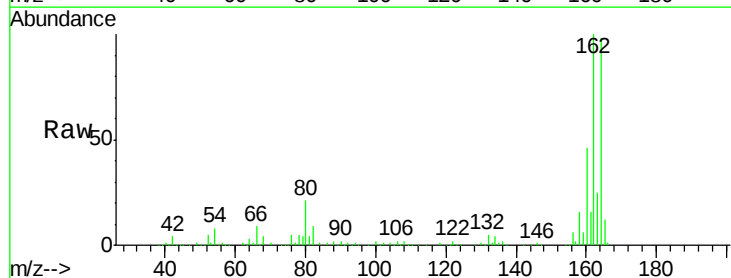


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

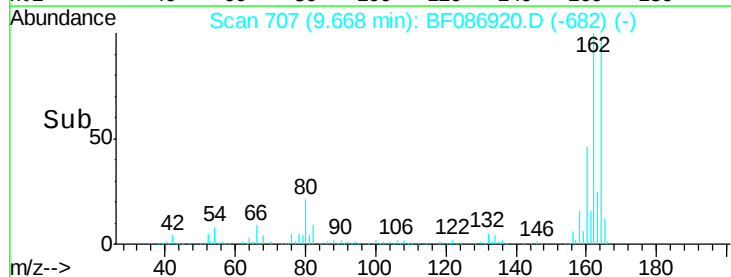
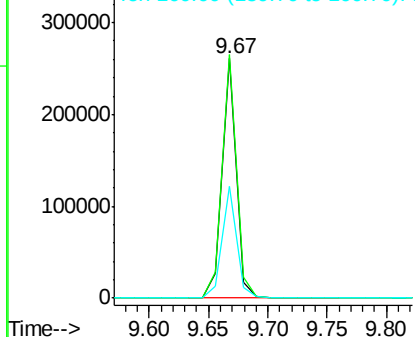


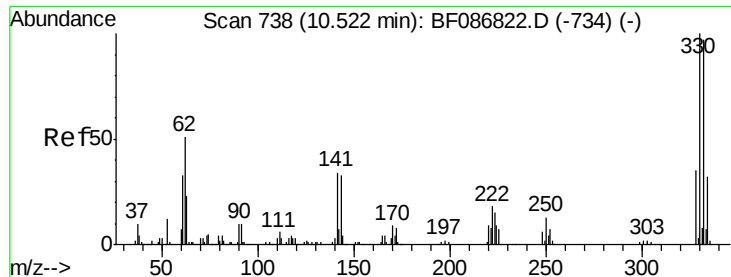
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF086920.D
 Acq: 12 May 2016 8:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.7	36.9	55.3



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

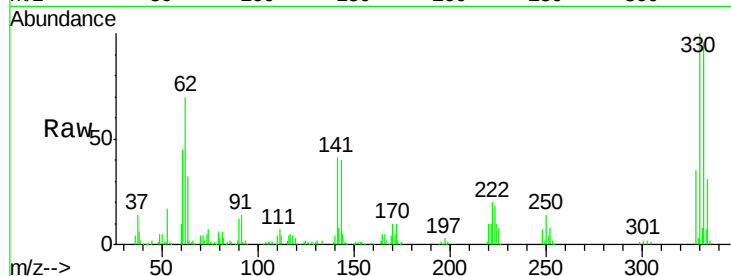




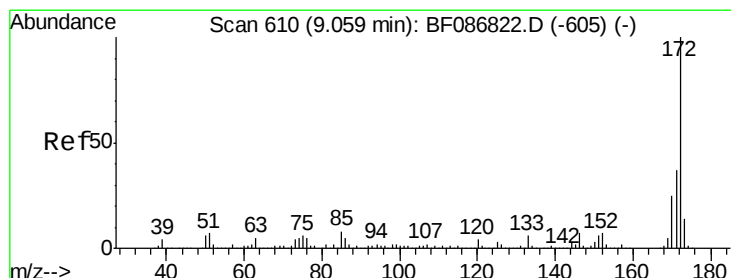
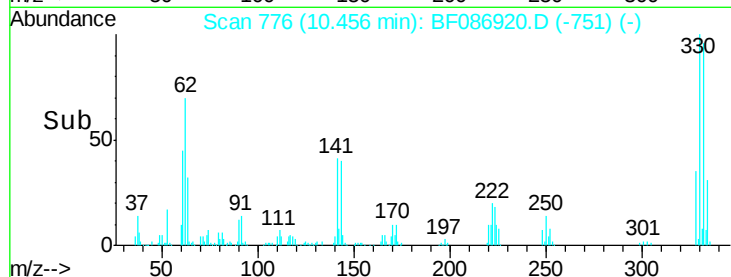
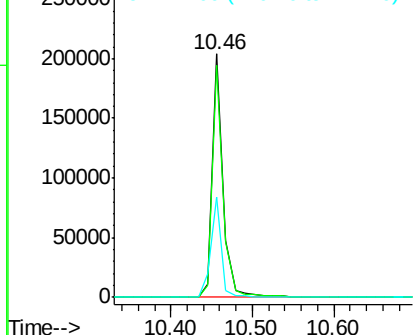
#41
 2,4,6-Tribromophenol
 Concen: 85.53 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086920.D
 Acq: 12 May 2016 8:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BL

Tgt Ion:330 Resp: 192339
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 40.8 31.2 46.8

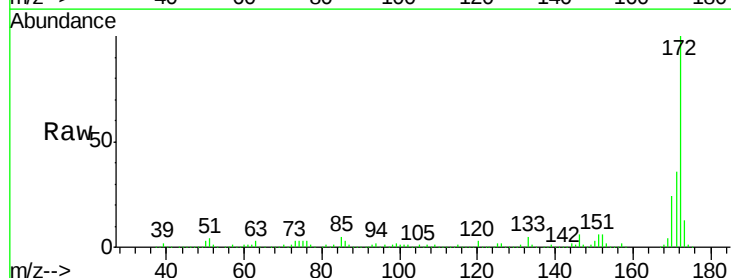


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

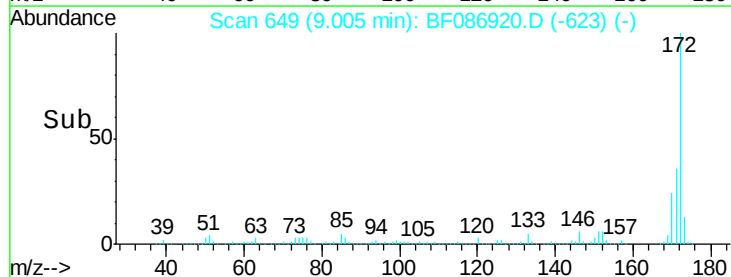
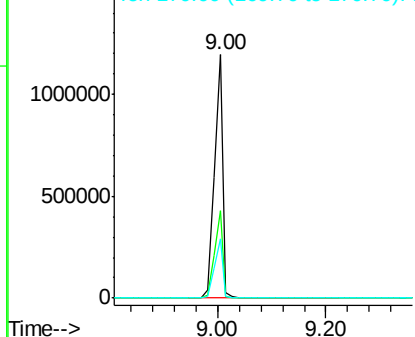


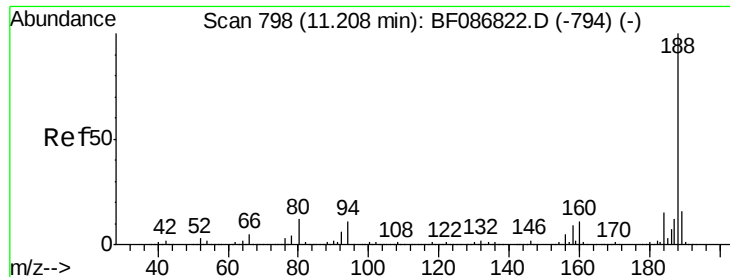
#44
 2-Fluorobiphenyl
 Concen: 102.08 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086920.D
 Acq: 12 May 2016 8:22

Tgt Ion:172 Resp: 1290220
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.5 19.8 29.8



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

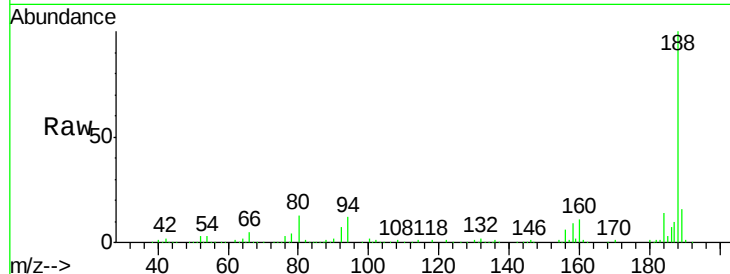




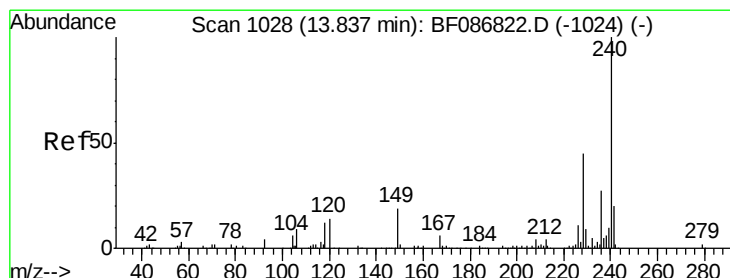
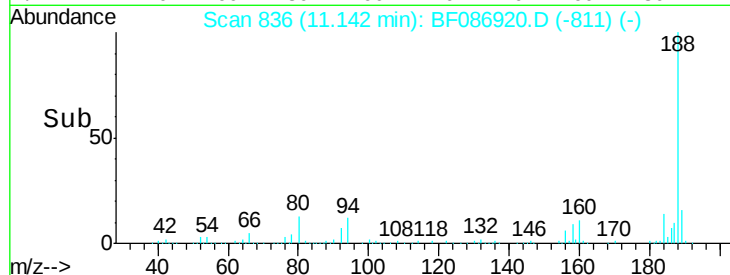
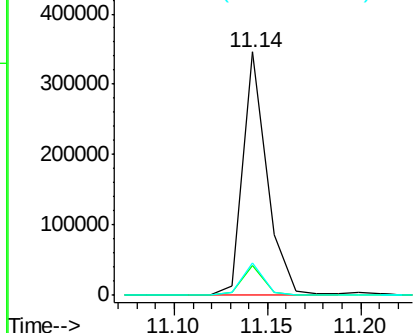
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :
PB90419BL

Tgt Ion:188 Resp: 312078
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 13.2 7.1 10.7#

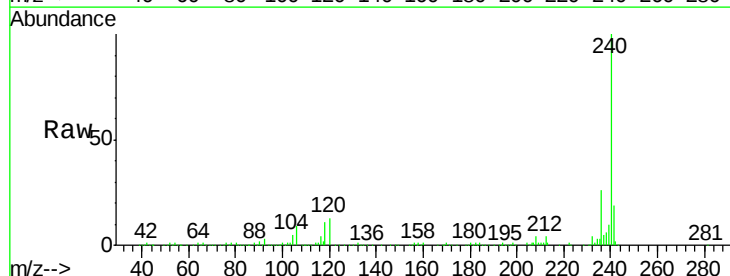


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

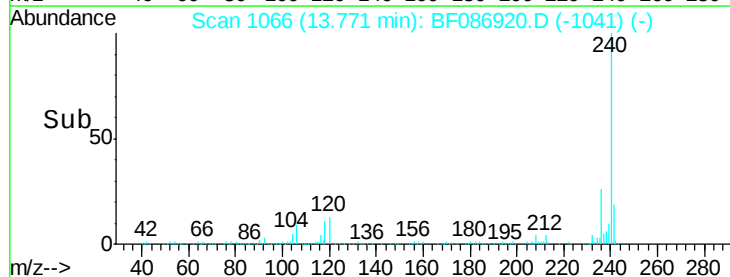
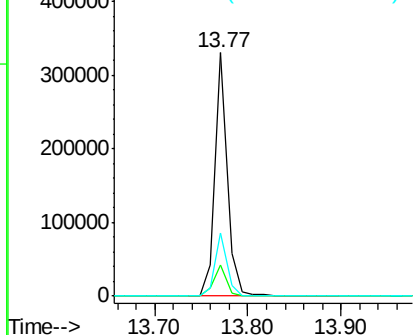


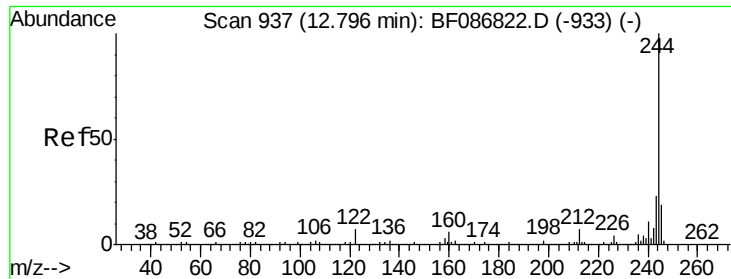
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion:240 Resp: 303682
Ion Ratio Lower Upper
240 100
120 12.5 11.2 16.8
236 26.1 21.2 31.8



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

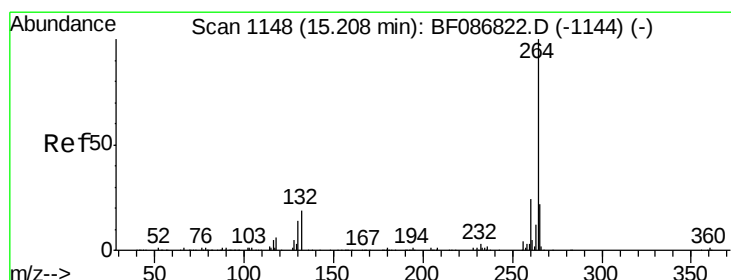
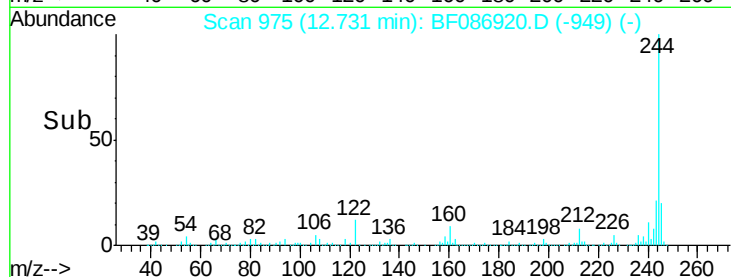
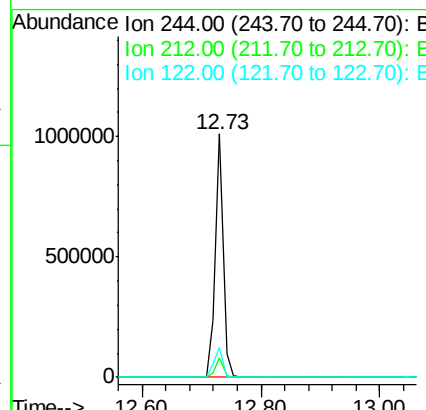
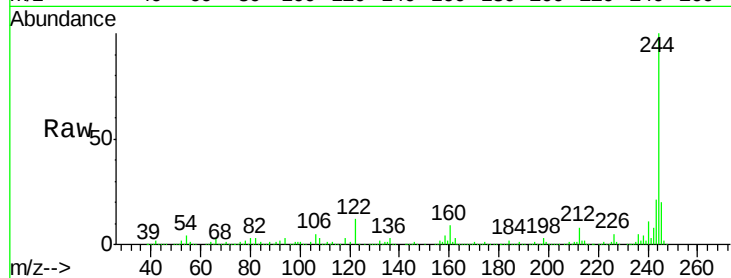




#78
 Terphenyl-d14
 Concen: 65.32 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF086920.D
 Acq: 12 May 2016 8:22

Instrument :
 BNA_F
 ClientSampled :
 PB90419BL

Tgt Ion:244 Resp: 934878
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.5 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF086920.D
 Acq: 12 May 2016 8:22

Tgt Ion:264 Resp: 224308
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 17.3 25.9

