

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094721.D
 Acq On : 30 Apr 2017 18:15
 Operator : SJ/MA
 Sample : I2895-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP(0-3.0)

Quant Time: May 01 03:02:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

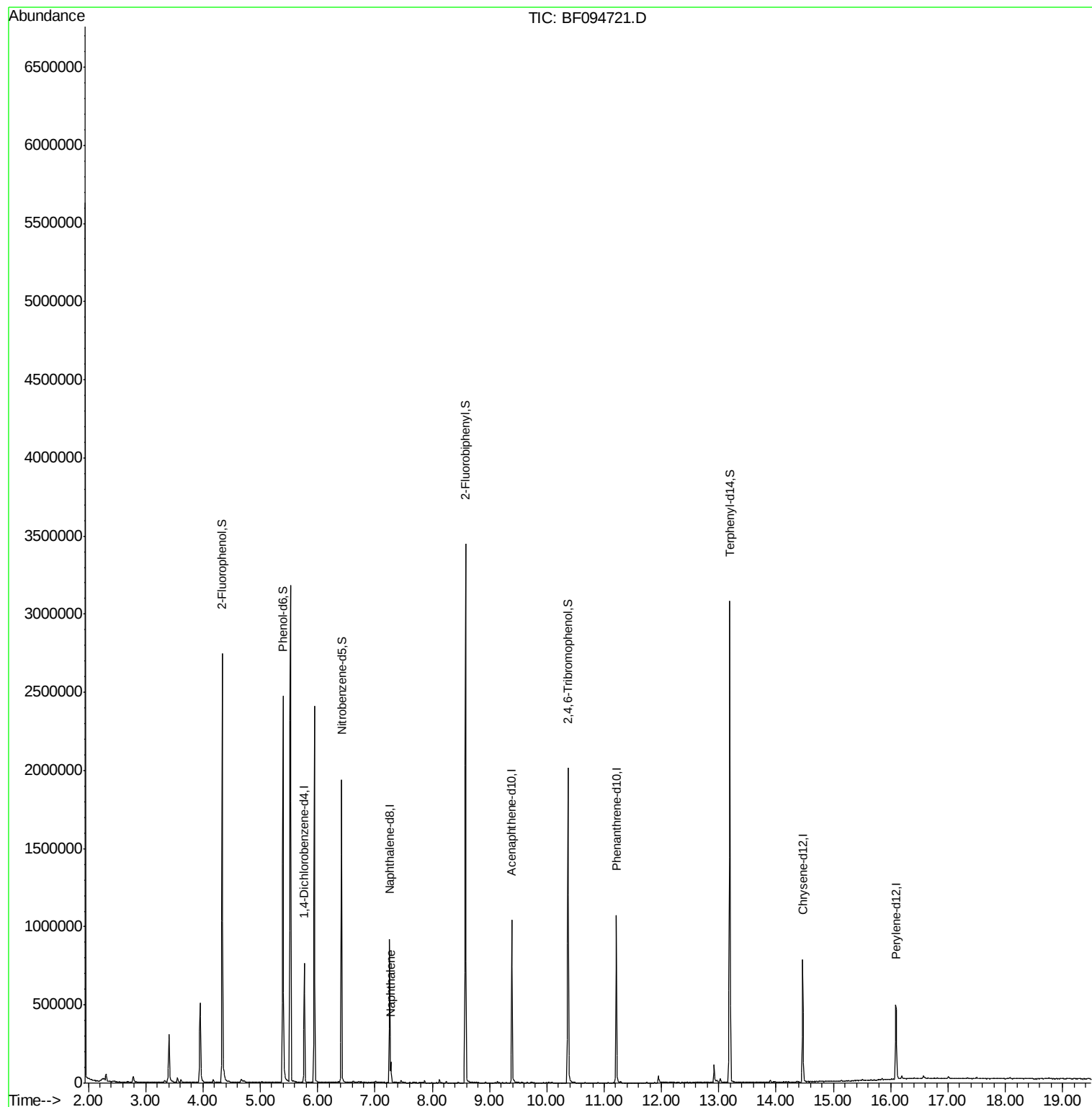
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	118169	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	474761	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	227890	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	427612	20.00	ng	0.00
75) Chrysene-d12	14.47	240	322547	20.00	ng	0.00
86) Perylene-d12	16.09	264	194175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	877300	123.17	ng	0.03
7) Phenol-d6	5.40	99	1027547	122.37	ng	0.00
23) Nitrobenzene-d5	6.42	82	691079	89.88	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	272594	152.93	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1318683	85.14	ng	0.00
78) Terphenyl-d14	13.19	244	1263838	104.73	ng	0.00
Target Compounds						
31) Naphthalene	7.28	128	64804	2.84	ng	Qvalue 98

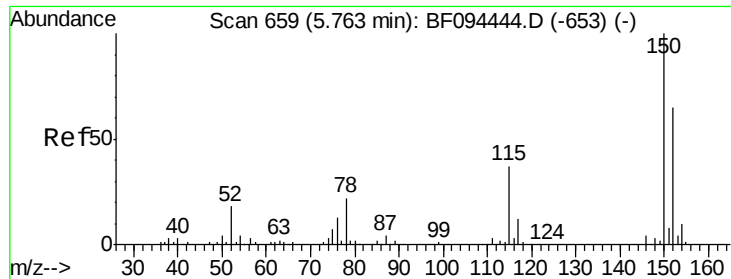
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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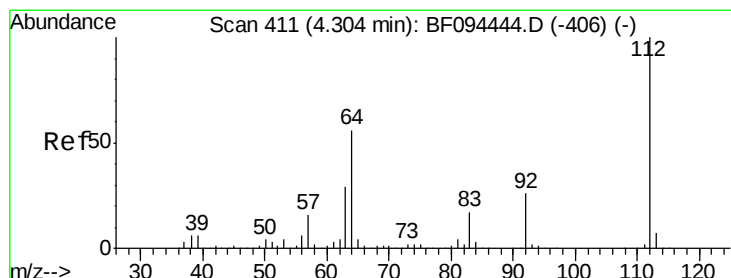
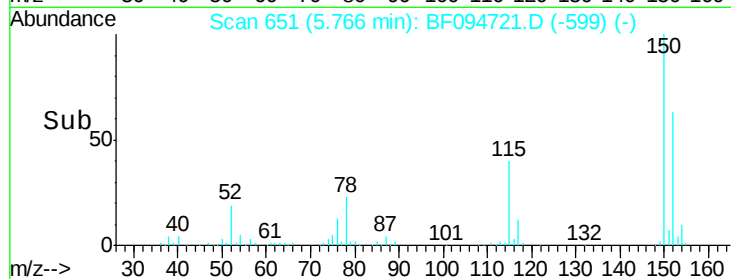
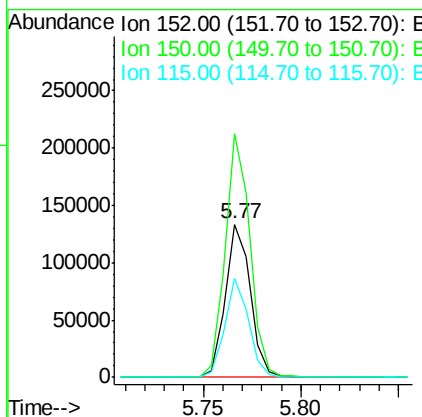
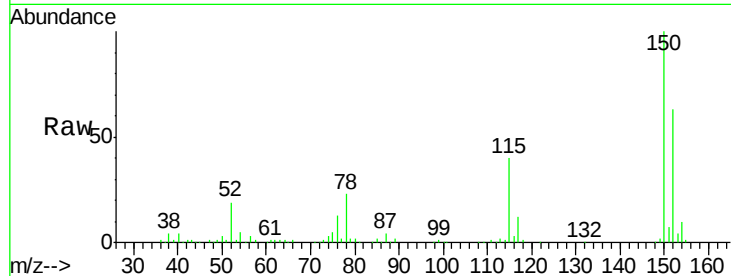




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

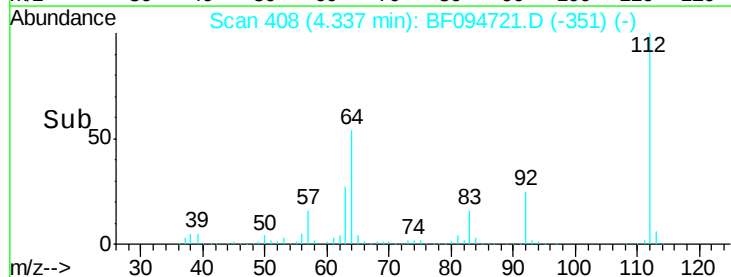
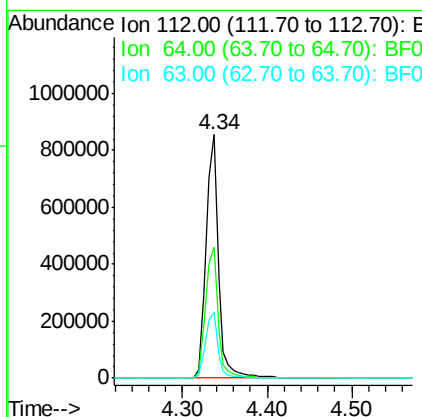
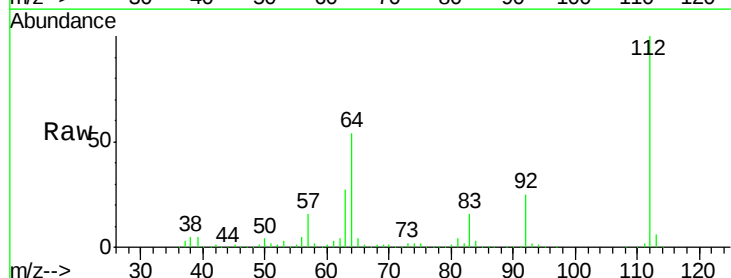
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP(0-3.0)

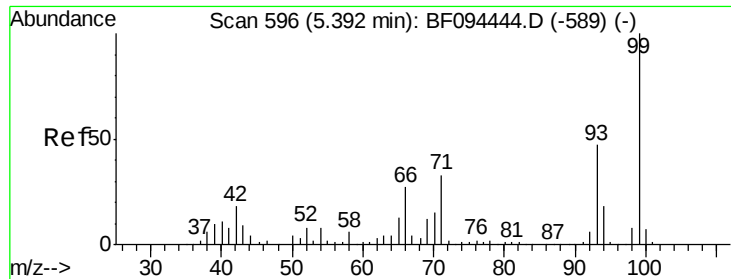
Tot Ion:152 Resp: 118169
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.2 189.2
 115 64.5 52.2 78.2



#5
 2-Fluorophenol
 Concen: 123.17 ng
 RT: 4.34 min Scan# 408
 Delta R.T. 0.03 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Tgt Ion:112 Resp: 877300
 Ion Ratio Lower Upper
 112 100
 64 53.6 46.0 69.0
 63 26.8 23.4 35.0





#7

Phenol-d6

Concen: 122.37 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094721.D

Acq: 30 Apr 2017 18:15

Instrument :

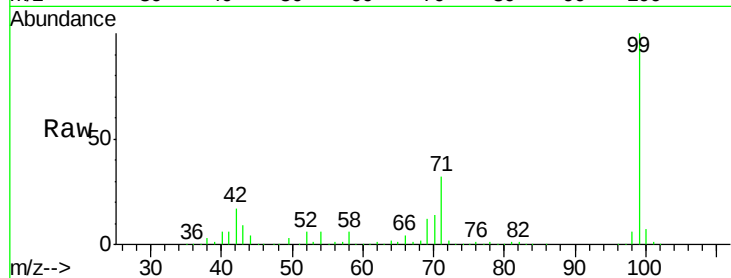
BNA_F

ClientSampleId :

SB-02-COMP(0-3.0)

Tot Ion: 99 Resp: 1027547

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.4	24.5	36.7

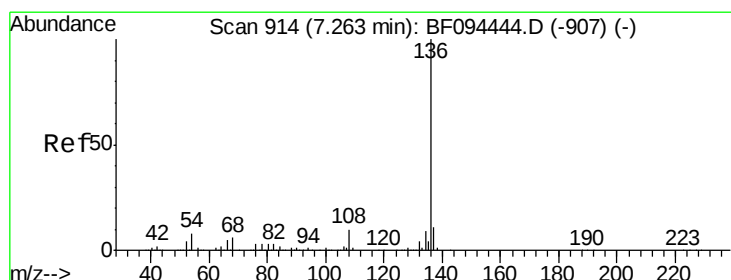
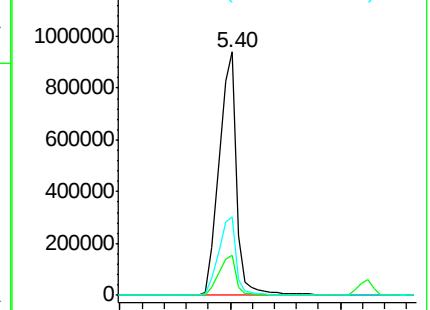
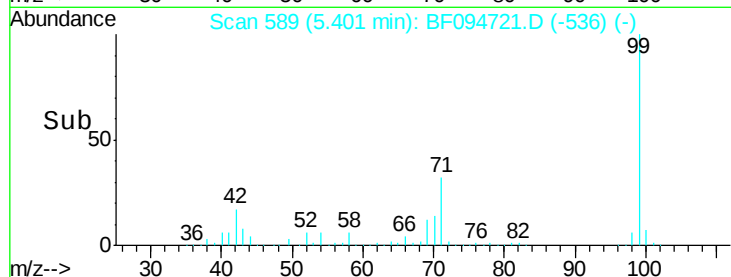


Abundance

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: 7.26 min Scan# 905

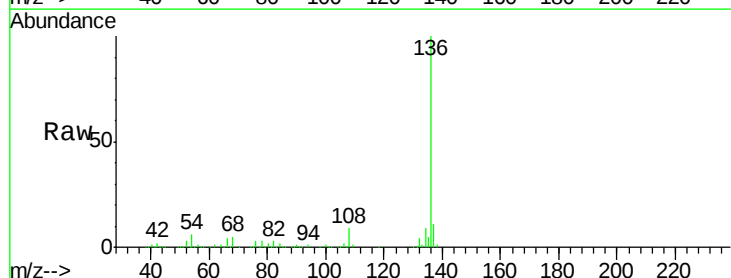
Delta R.T. -0.00 min

Lab File: BF094721.D

Acq: 30 Apr 2017 18:15

Tgt Ion: 136 Resp: 474761

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.2	4.9	7.3
68	5.0	4.1	6.1



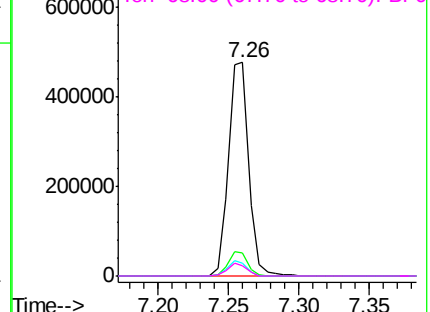
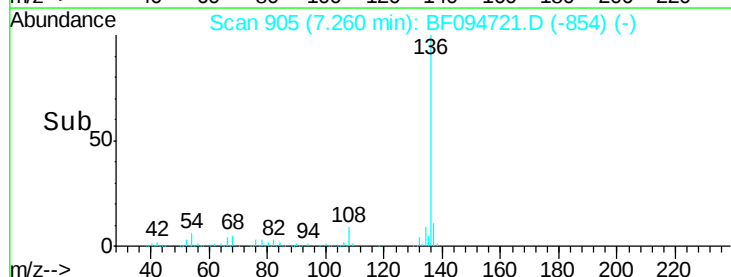
Abundance

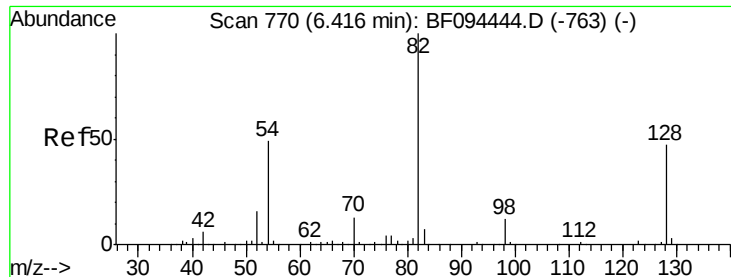
Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

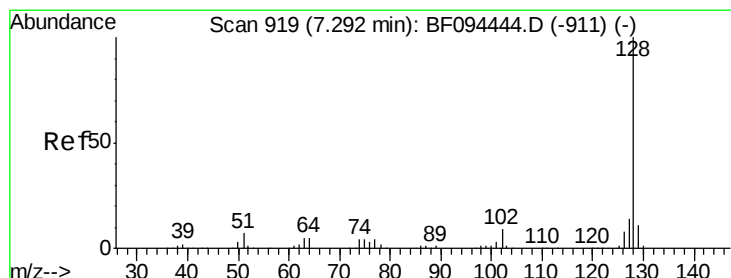
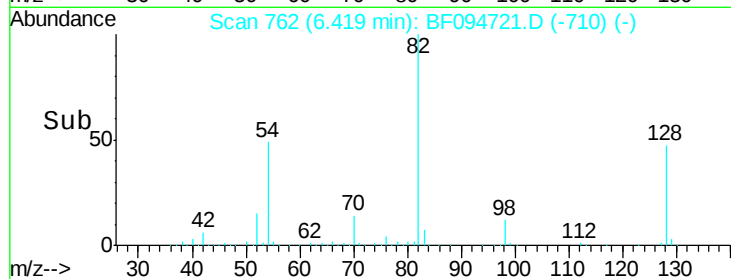
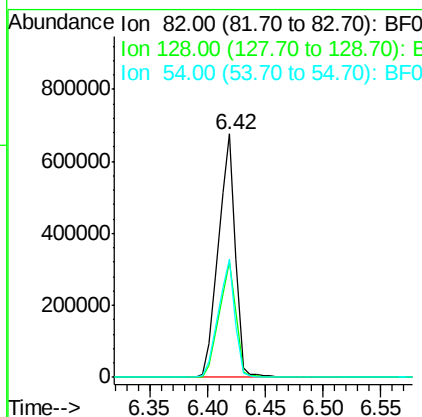
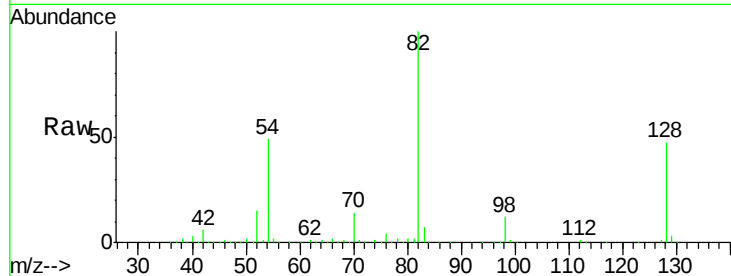




#23
 Nitrobenzene-d5
 Concen: 89.88 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

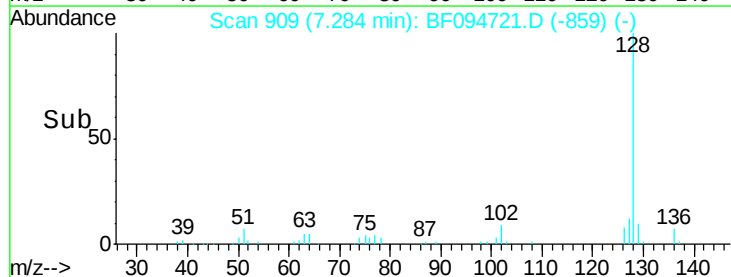
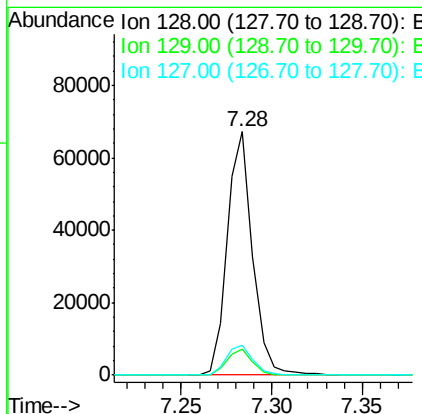
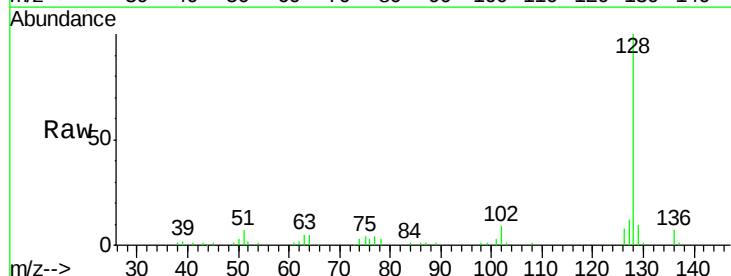
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP(0-3.0)

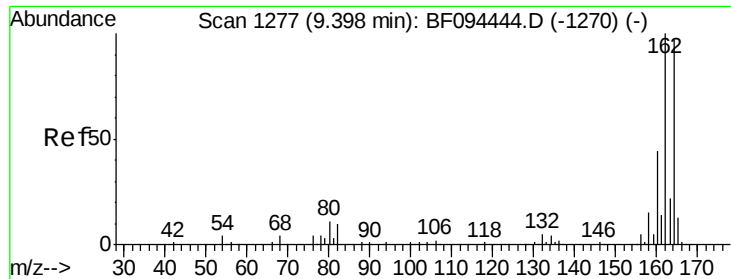
Tot Ion	82	Resp	691079
Ion Ratio	Lower	Upper	
82	100		
128	47.3	34.0	51.0
54	48.7	42.2	63.2



#31
 Naphthalene
 Concen: 2.84 ng
 RT: 7.28 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Tgt Ion	128	Resp	64804
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.0	13.6
127	12.4	10.8	16.2

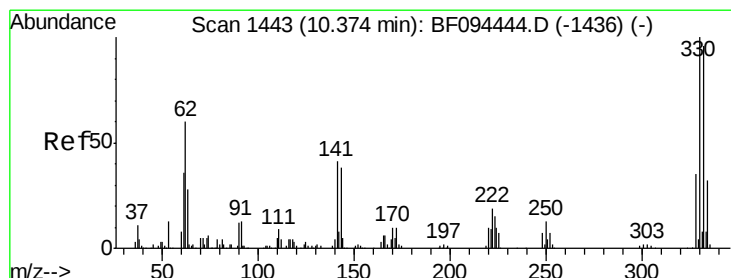
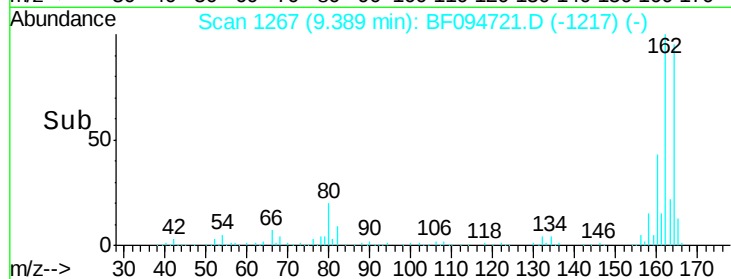
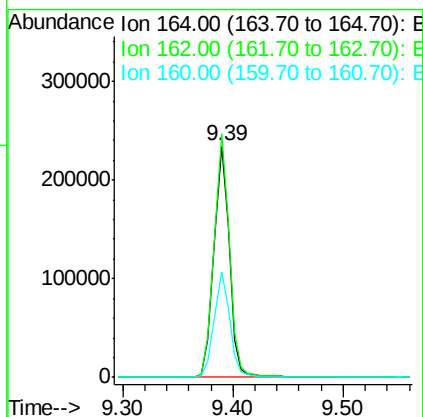
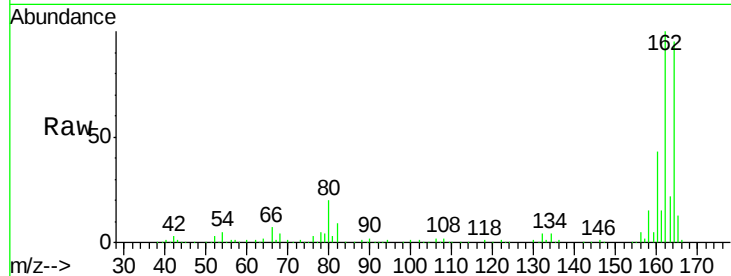




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

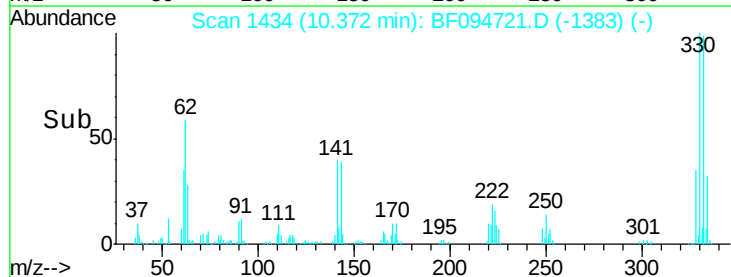
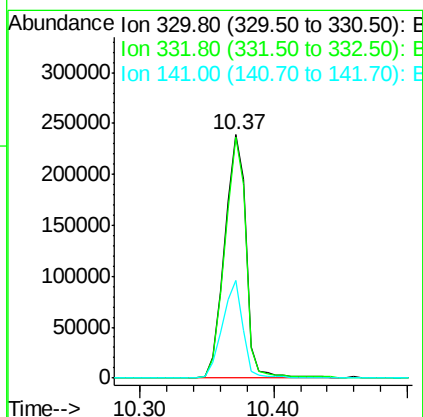
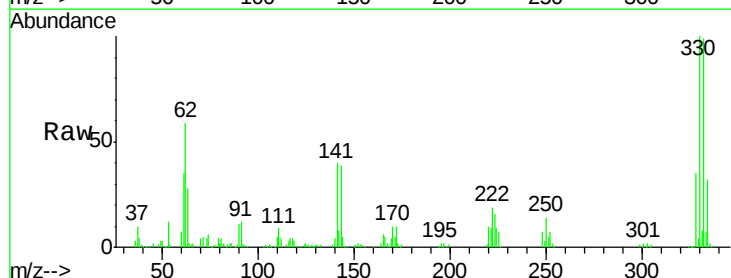
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP(0-3.0)

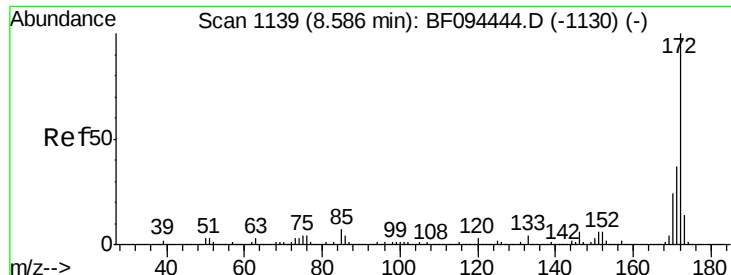
Tot Ion:164 Resp: 227890
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 152.93 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Tgt Ion:330 Resp: 272594
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 38.7 31.4 47.2

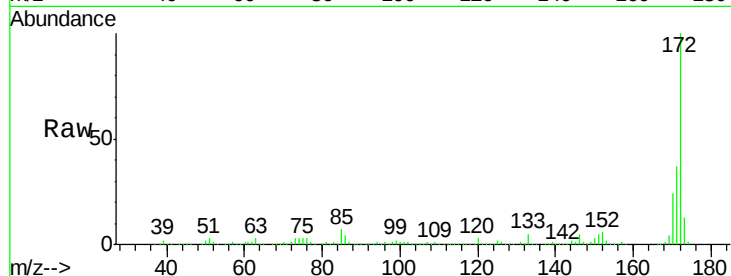




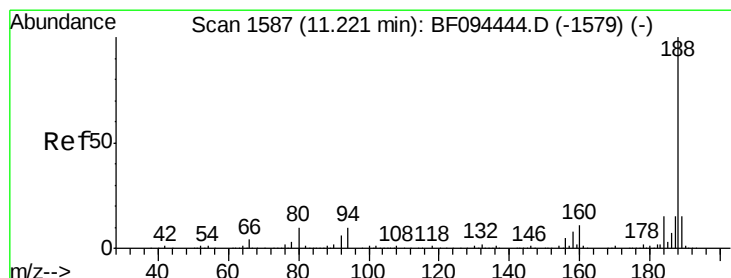
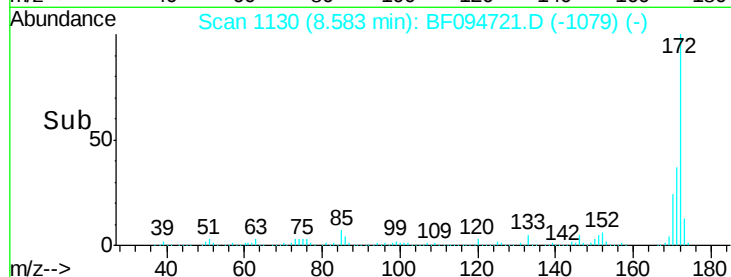
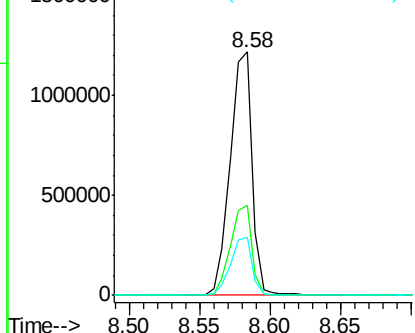
#44
2-Fluorobiphenyl
Concen: 85.14 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094721.D
Acq: 30 Apr 2017 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP(0-3.0)

Tot Ion:172 Resp: 1318683
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.9 19.8 29.8

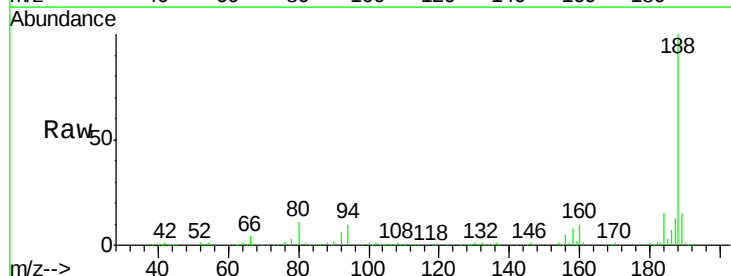


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

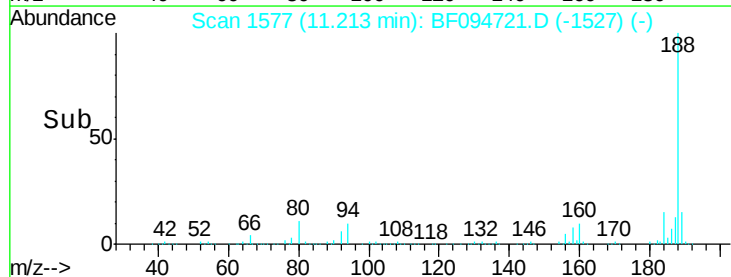
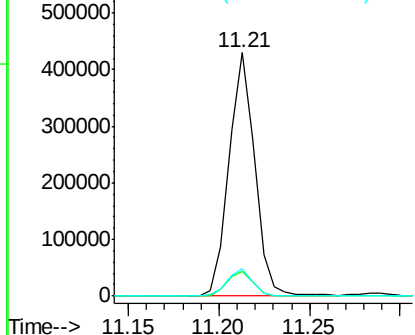


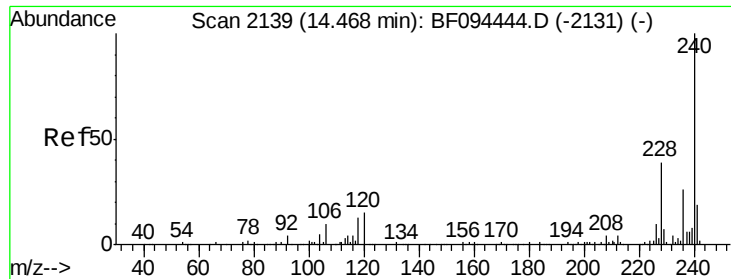
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094721.D
Acq: 30 Apr 2017 18:15

Tgt Ion:188 Resp: 427612
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.5 10.2 15.2



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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094721.D

Acq: 30 Apr 2017 18:15

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP(0-3.0)

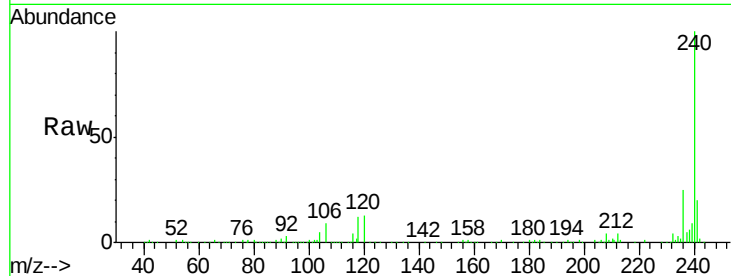
Tot Ion:240 Resp: 322547

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

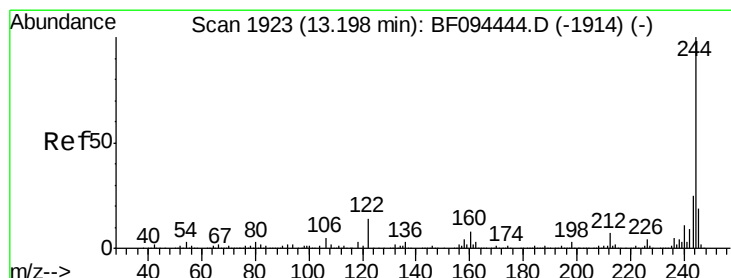
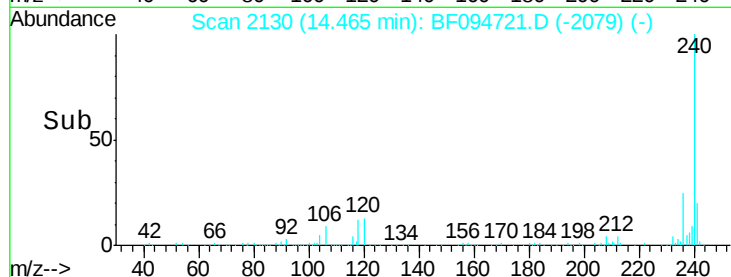
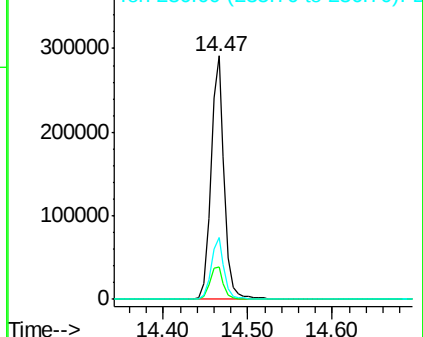
236 25.2 20.5 30.7



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: 104.73 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094721.D

Acq: 30 Apr 2017 18:15

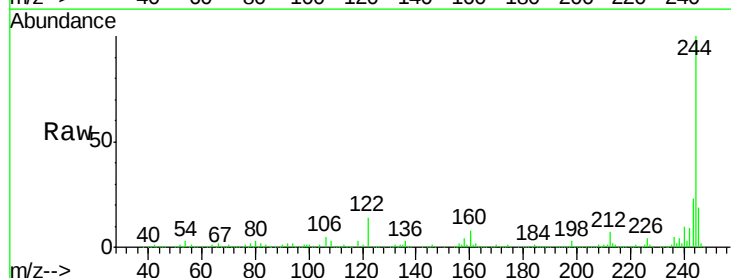
Tgt Ion:244 Resp: 1263838

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

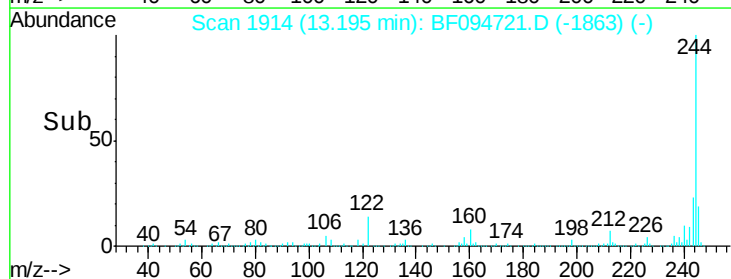
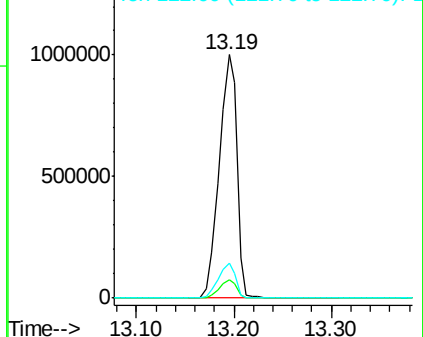
122 14.2 10.3 15.5

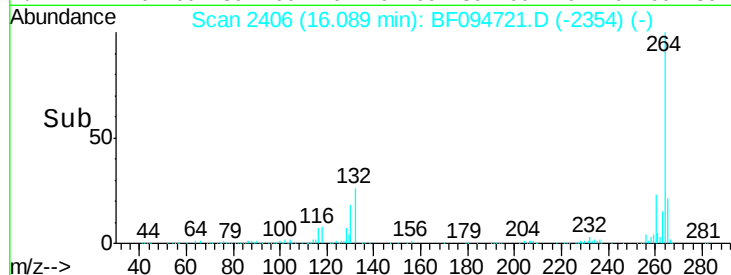
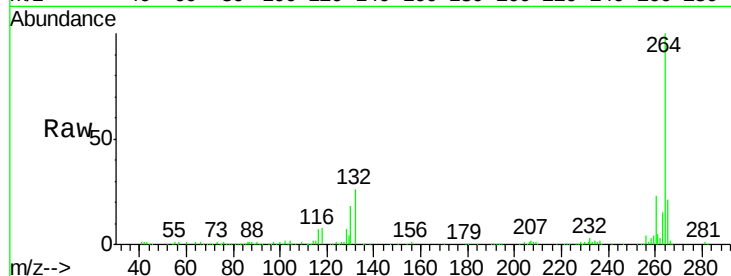
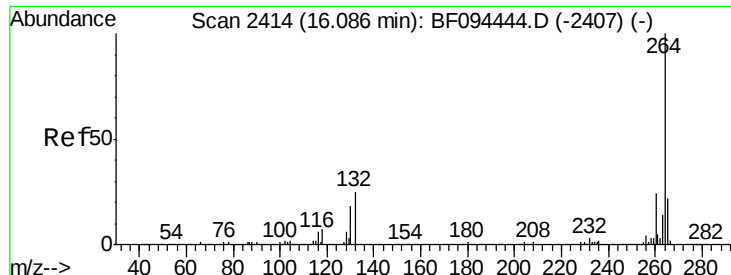


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094721.D
Acq: 30 Apr 2017 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP(0-3.0)

Tot Ion:	264	Resp:	194175
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.5	29.3
265	20.9	17.2	25.8

