

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086344.D
 Acq On : 21 Apr 2016 8:08
 Operator : UM/SJ
 Sample : H2617-06
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-931EB(N)(8)

Quant Time: Apr 21 08:37:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

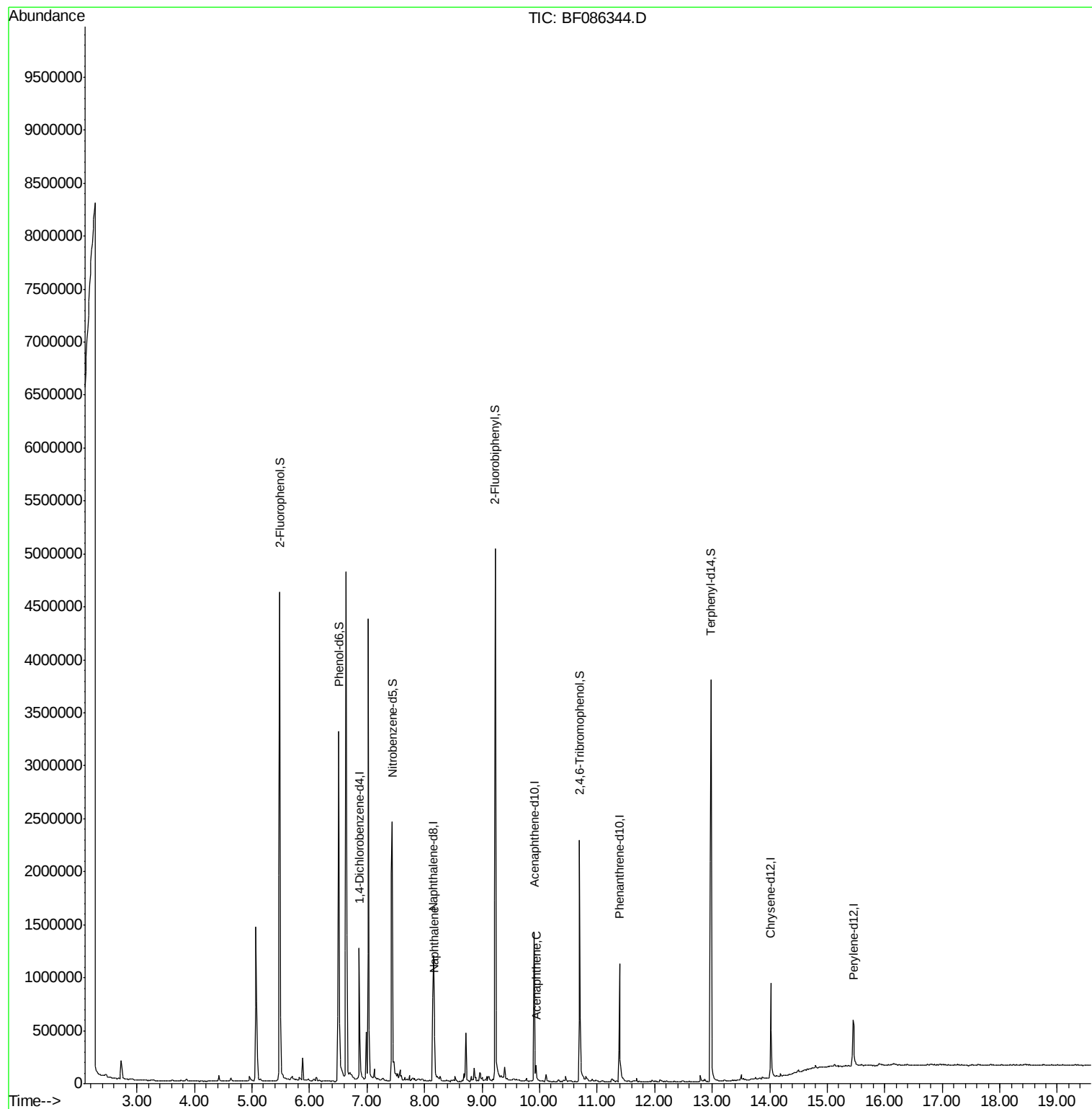
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	219396	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	802939	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	291882	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	490063	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	376101	20.00	ng	-0.03
86) Perylene-d12	15.46	264	262884	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1531201	121.77	ng	0.00
7) Phenol-d6	6.51	99	2030513	123.39	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1270803	90.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	322440	141.73	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1810999	133.77	ng	-0.03
78) Terphenyl-d14	12.98	244	1437781	91.00	ng	-0.02
Target Compounds						
31) Naphthalene	8.17	128	357509	9.34	ng	97
51) Acenaphthene	9.94	154	33324	2.09	ng	98

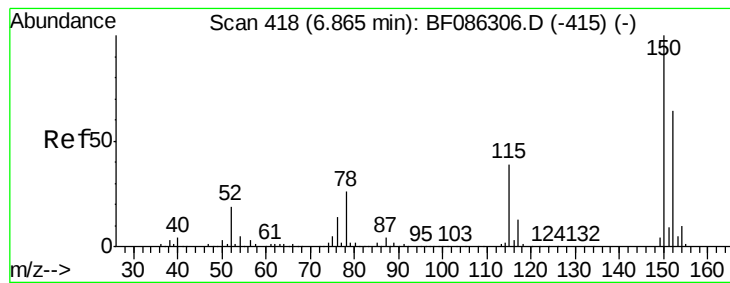
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

Instrument :

BNA_F

ClientSampleId :

B-931EB(N)(8)

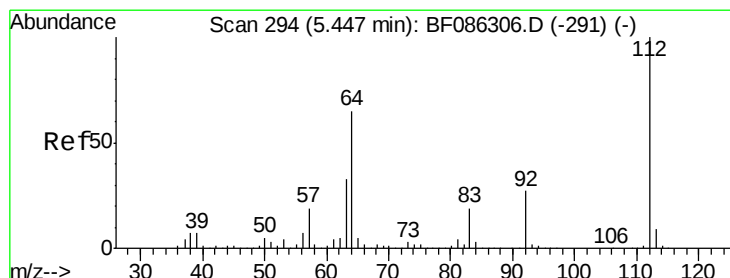
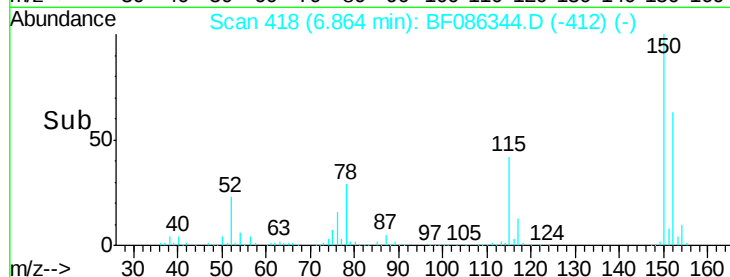
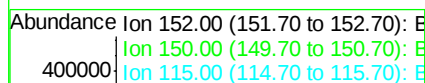
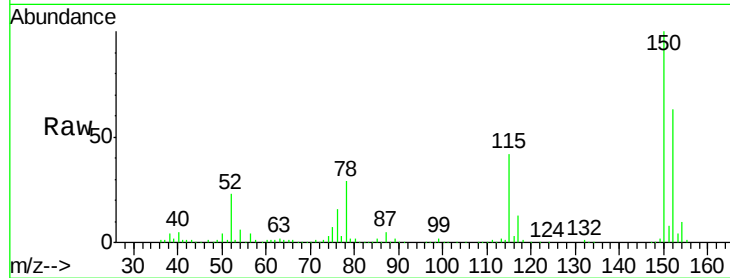
Tot Ion:152 Resp: 219396

Ion Ratio Lower Upper

152 100

150 158.2 124.1 186.1

115 66.7 43.9 65.9#



#5

2-Fluorophenol

Concen: 121.77 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

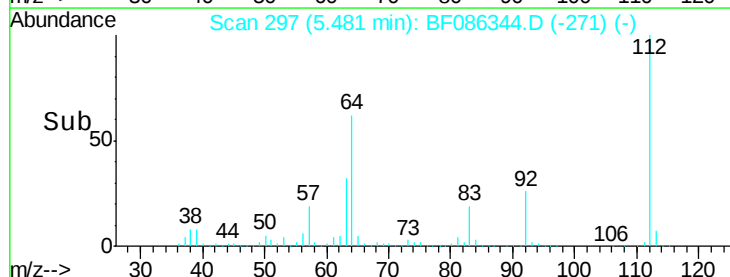
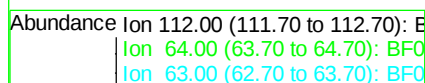
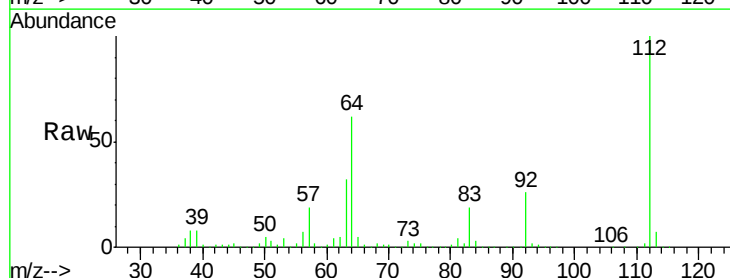
Tgt Ion:112 Resp: 1531201

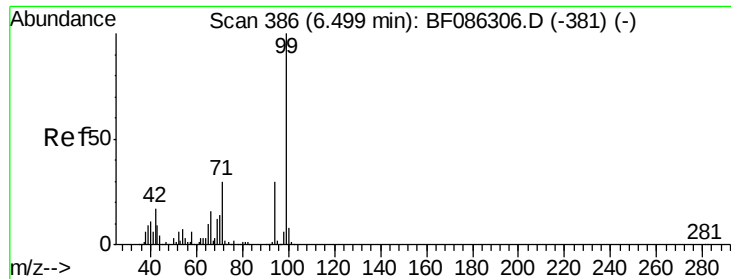
Ion Ratio Lower Upper

112 100

64 61.6 48.1 72.1

63 32.4 25.5 38.3





#7

Phenol-d6

Concen: 123.39 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

Instrument :

BNA_F

ClientSampleId :

B-931EB(N)(8)

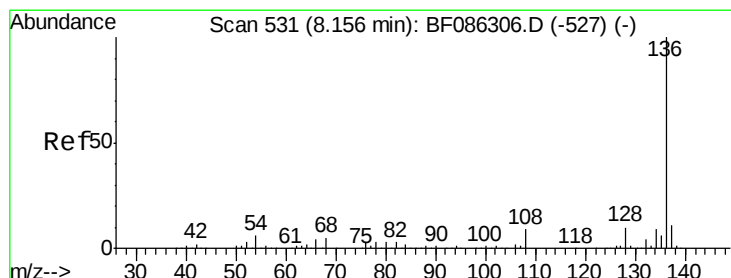
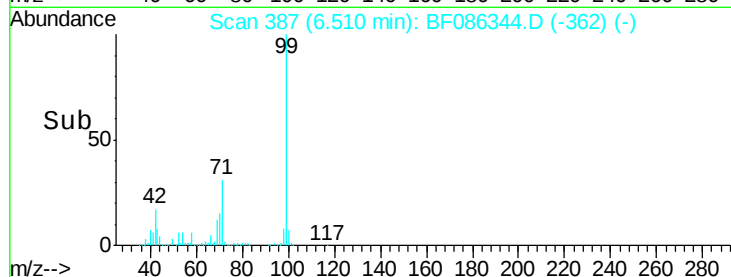
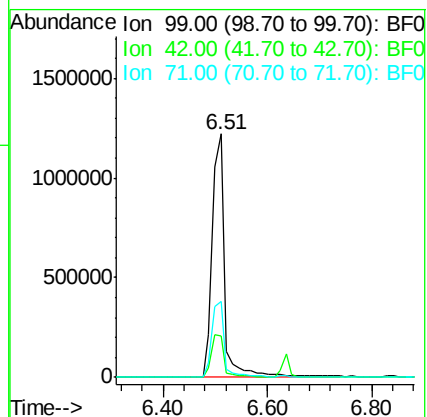
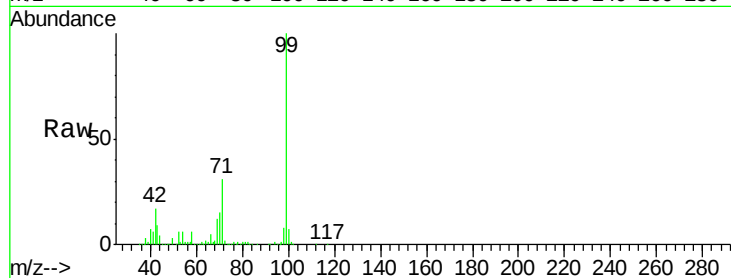
Tot Ion: 99 Resp: 2030513

Ion Ratio Lower Upper

99 100

42 17.1 15.4 23.2

71 31.2 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

Tgt Ion: 136 Resp: 802939

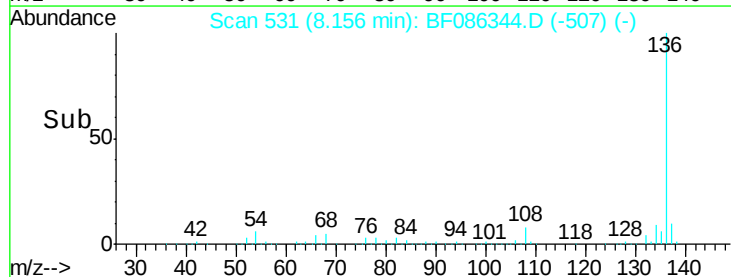
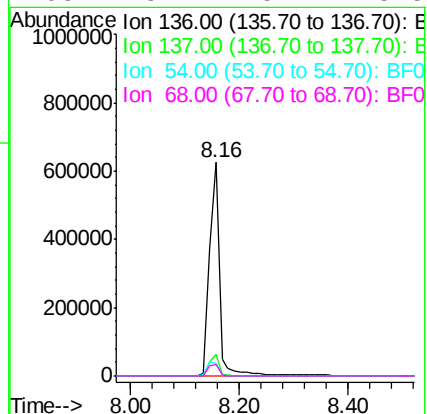
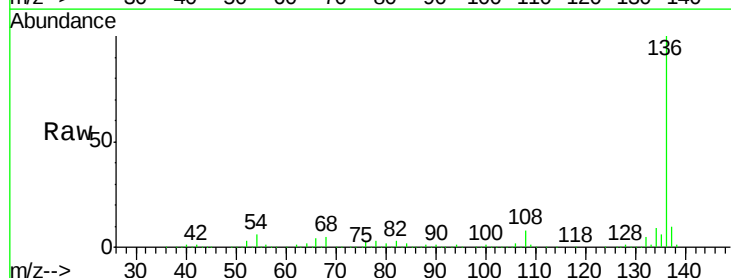
Ion Ratio Lower Upper

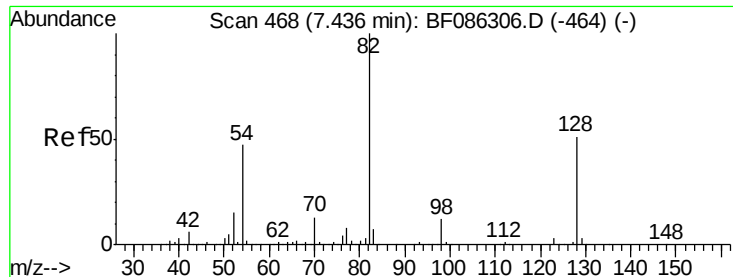
136 100

137 10.5 9.1 13.7

54 6.1 7.3 10.9#

68 5.4 5.7 8.5#

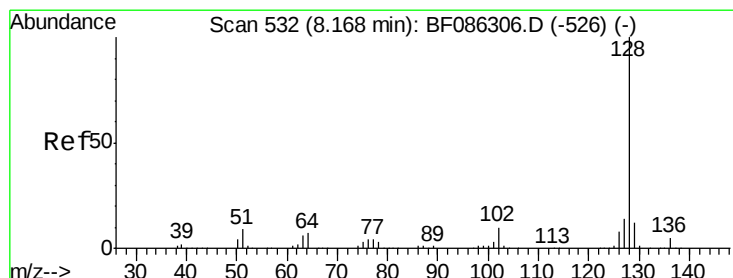
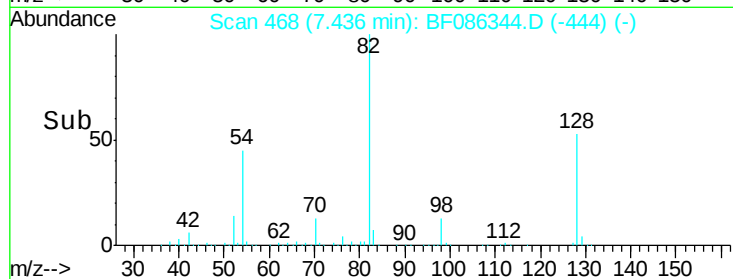
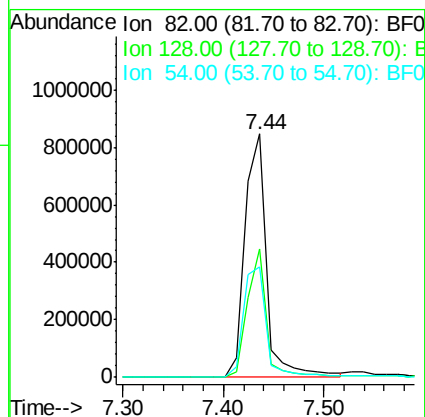
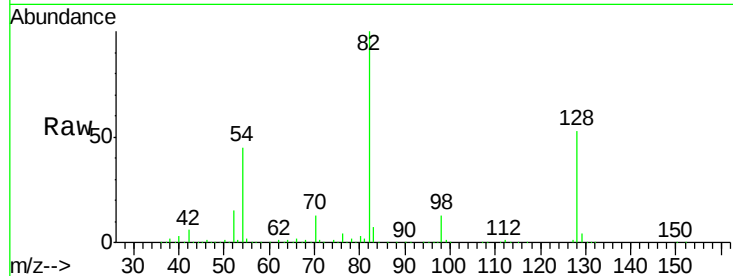




#23
Nitrobenzene-d5
Concen: 90.64 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

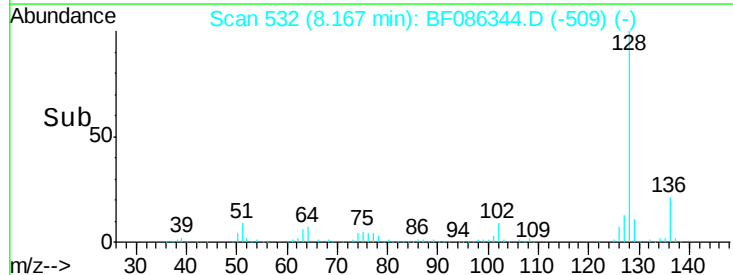
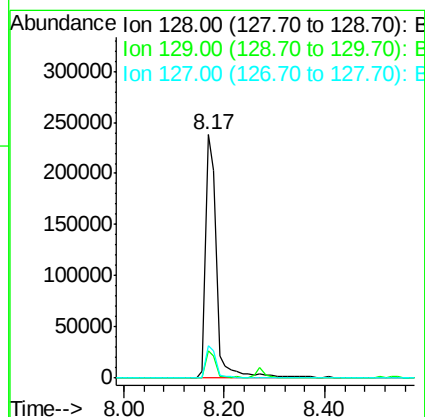
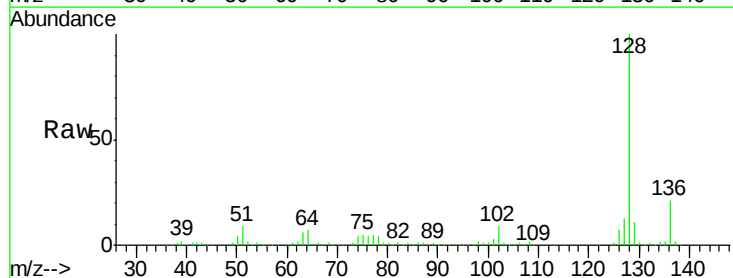
Instrument :
BNA_F
ClientSampleId :
B-931EB(N)(8)

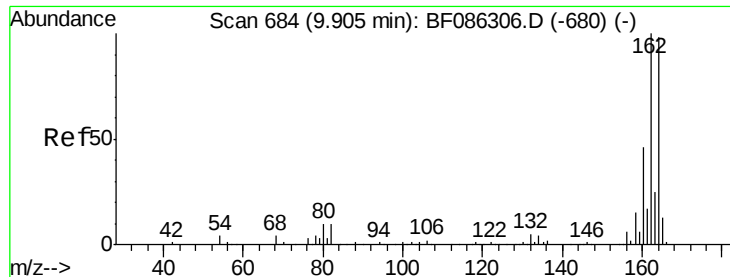
Tot Ion: 82 Resp: 1270803
Ion Ratio Lower Upper
82 100
128 52.7 35.4 53.2
54 45.2 43.4 65.0



#31
Naphthalene
Concen: 9.34 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Tgt Ion: 128 Resp: 357509
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.1 11.4 17.2

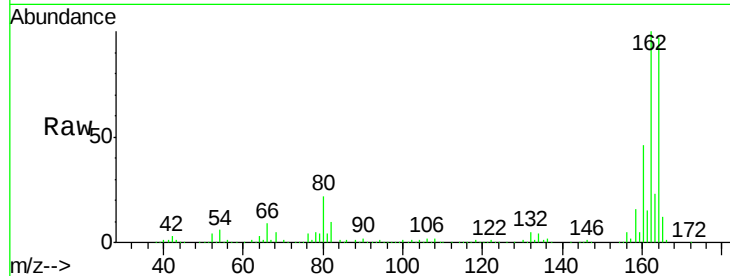




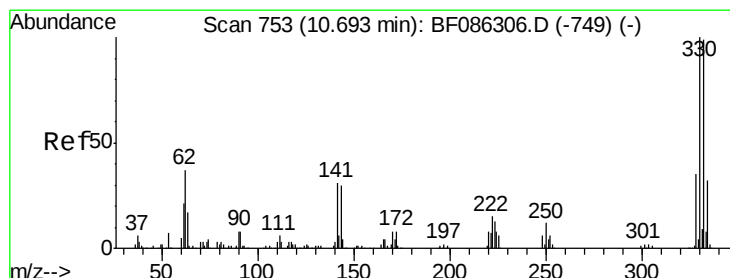
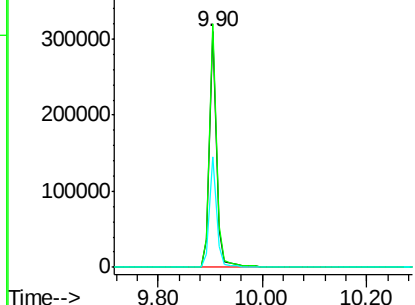
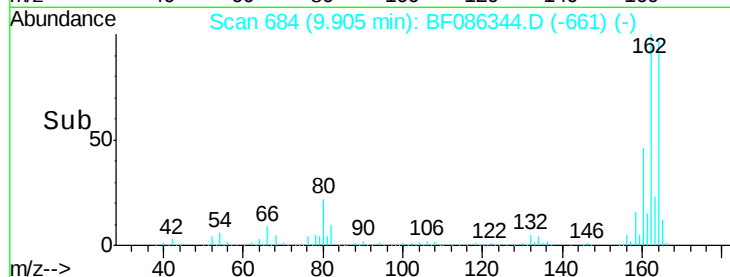
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Instrument :
BNA_F
ClientSampleId :
B-931EB(N)(8)

Tot Ion:164 Resp: 291882
Ion Ratio Lower Upper
164 100
162 103.3 82.8 124.2
160 47.1 38.9 58.3

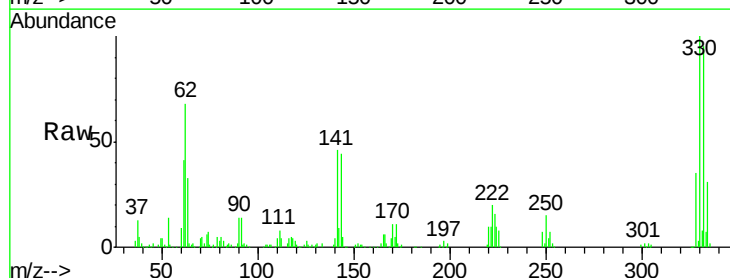


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

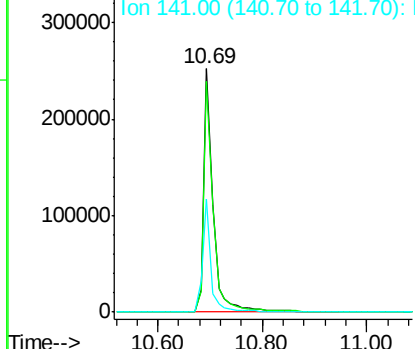
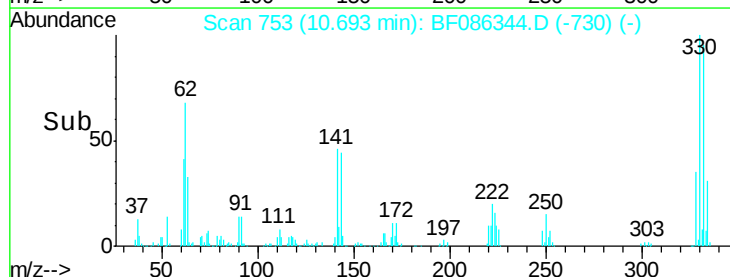


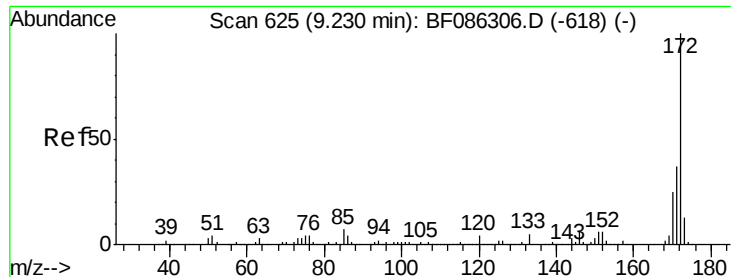
#41
2,4,6-Tribromophenol
Concen: 141.73 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Tgt Ion:330 Resp: 322440
Ion Ratio Lower Upper
330 100
332 96.1 78.7 118.1
141 41.8 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



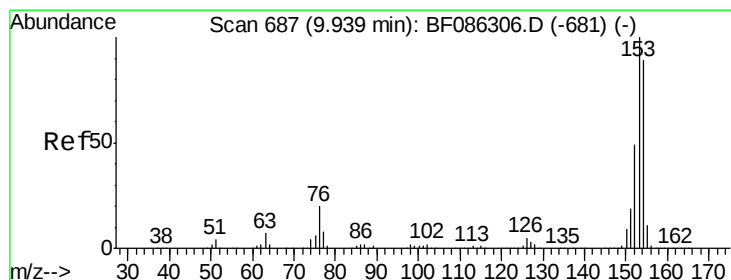
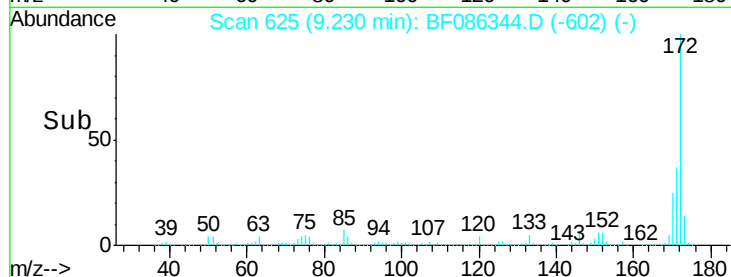
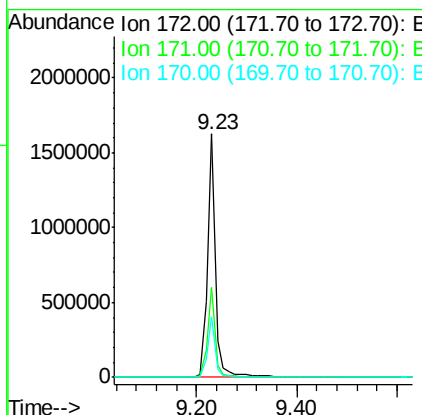
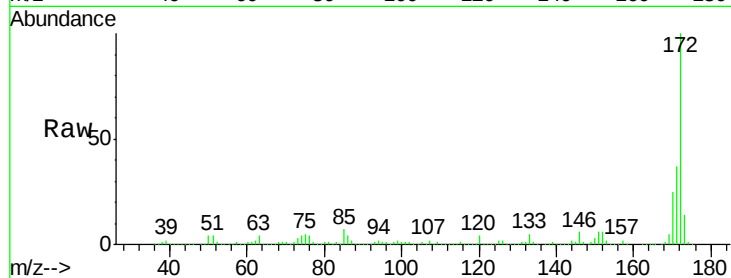


#44
 2-Fluorobiphenyl
 Concen: 133.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

Instrument :
 BNA_F
 ClientSampleId :
 B-931EB(N)(8)

Tot Ion:172 Resp: 1810999

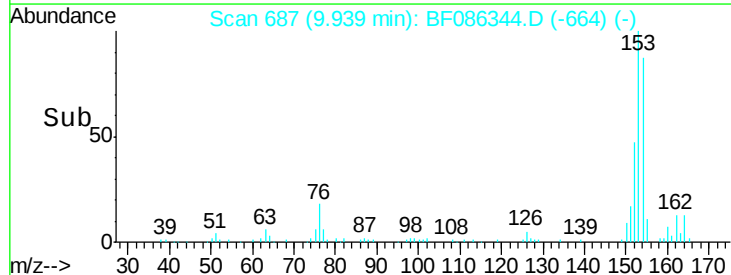
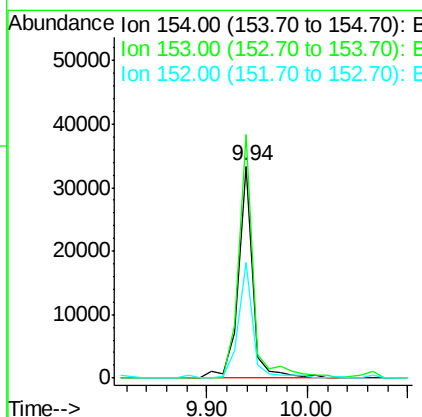
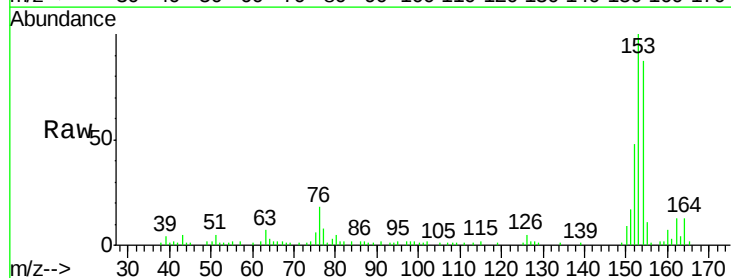
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.1	43.7
170	25.1	19.9	29.9

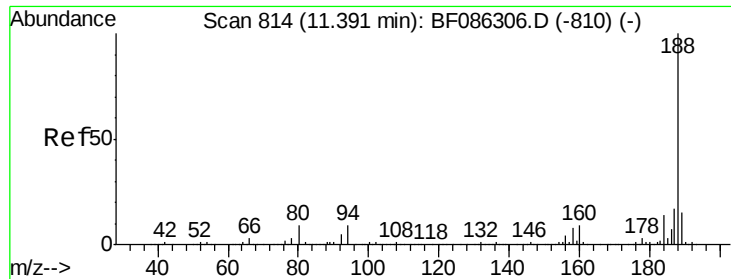


#51
 Acenaphthene
 Concen: 2.09 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

Tgt Ion:154 Resp: 33324

Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.0	135.0
152	54.8	44.3	66.5

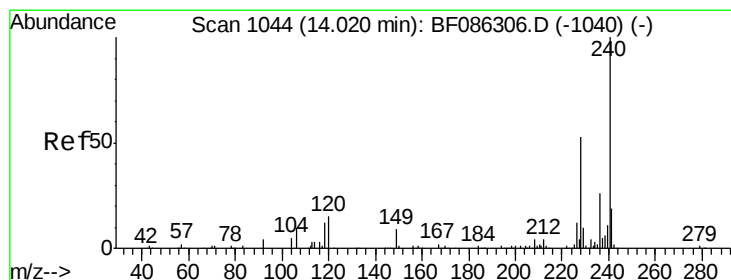
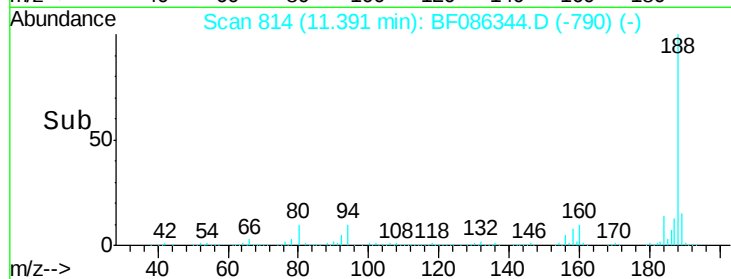
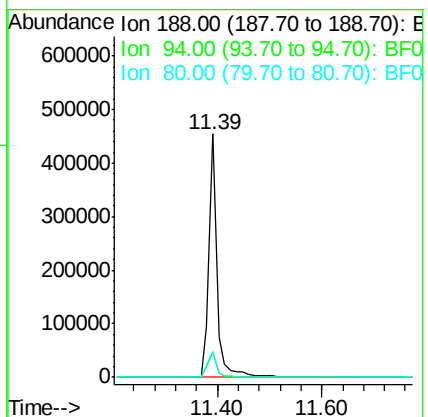
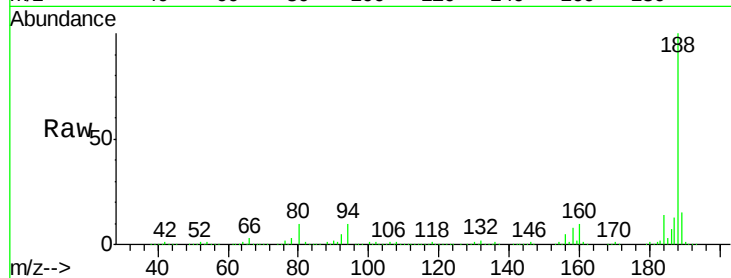




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

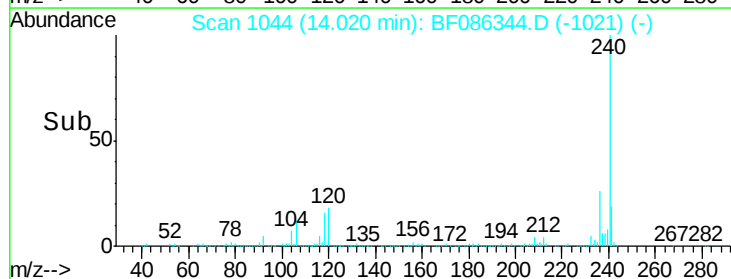
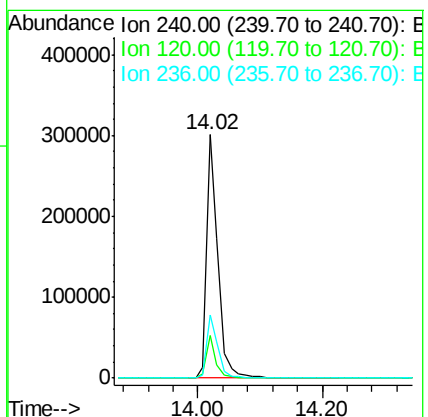
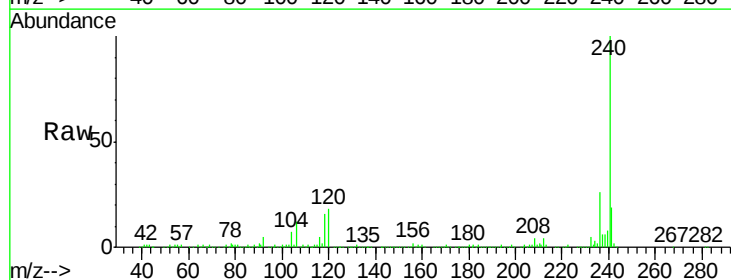
Instrument :
BNA_F
ClientSampleId :
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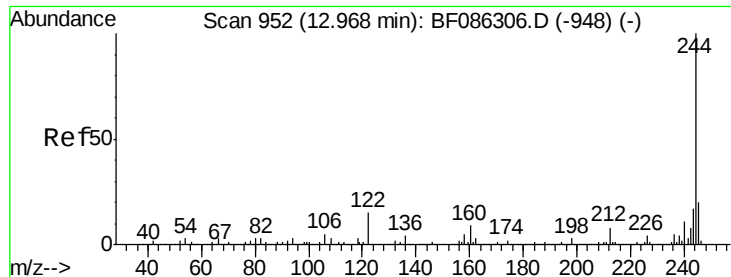
Tot Ion:188 Resp: 490063
Ion Ratio Lower Upper
188 100
94 10.0 9.8 14.8
80 10.5 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Tgt Ion:240 Resp: 376101
Ion Ratio Lower Upper
240 100
120 17.6 9.3 13.9#
236 25.7 21.1 31.7

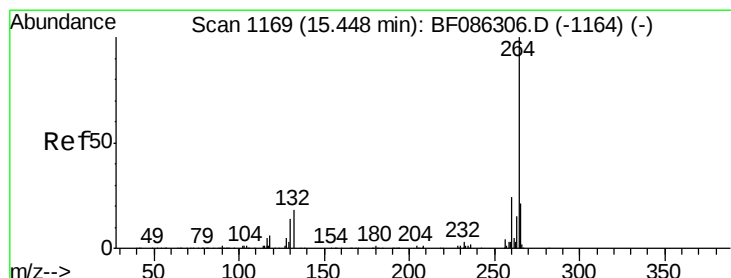
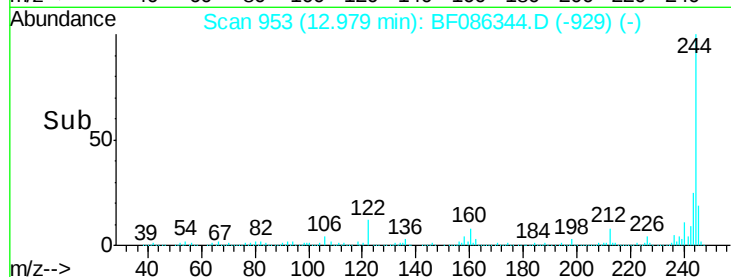
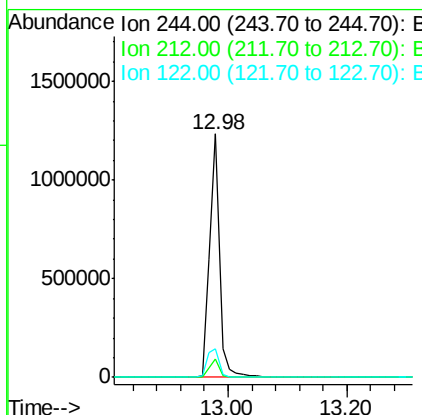
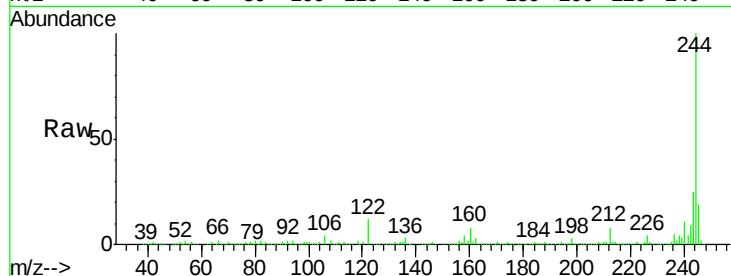




#78
 Terphenyl-d14
 Concen: 91.00 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

Instrument :
 BNA_F
 ClientSampleId :
 B-931EB(N)(8)

Tot Ion:244 Resp: 1437781
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 12.0 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

Tgt Ion:264 Resp: 262884
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.0 30.0
 265 20.7 17.4 26.0

