

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086337.D
 Acq On : 21 Apr 2016 4:49
 Operator : UM/SJ
 Sample : H2569-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LCF-EW2

Quant Time: Apr 21 05:56:21 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

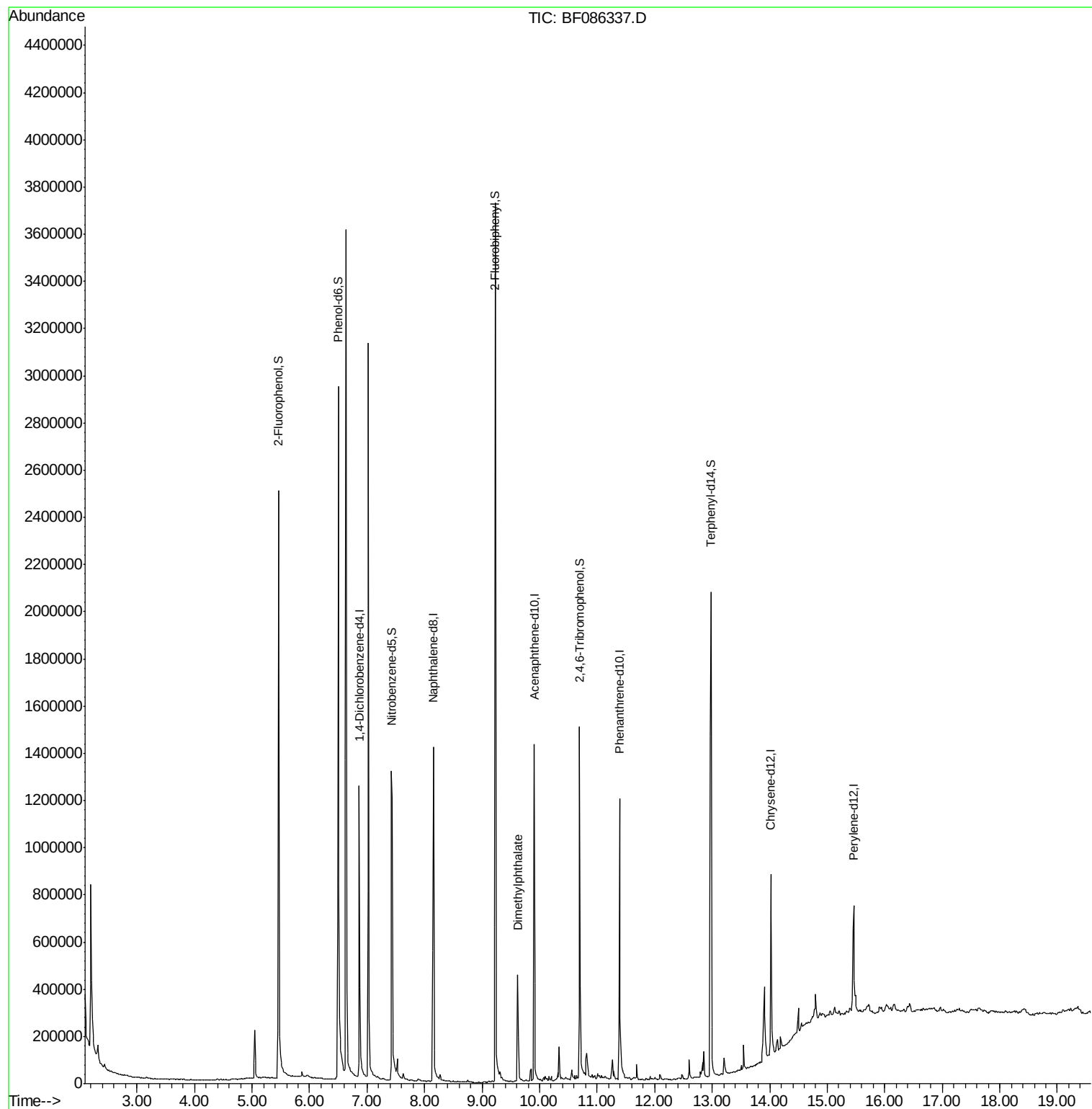
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	218334	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	829380	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	298193	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	494356	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	362630	20.00	ng	-0.03
86) Perylene-d12	15.46	264	259305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1113811	89.01	ng	-0.02
7) Phenol-d6	6.50	99	1345595	82.17	ng	-0.02
23) Nitrobenzene-d5	7.42	82	800341	55.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	198631	85.46	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1217476	76.20	ng	-0.03
78) Terphenyl-d14	12.98	244	867680	56.96	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	222091	9.78	ng	Qvalue # 99

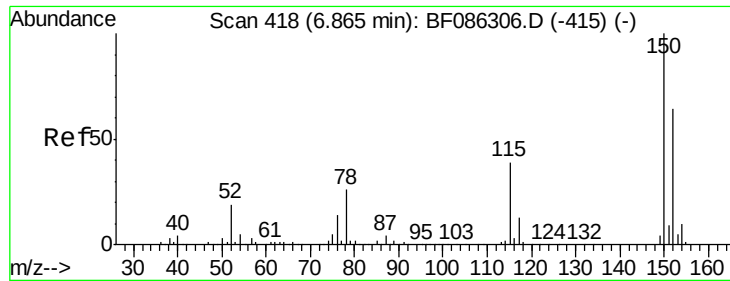
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086337.D

Acq: 21 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

LCF-EW2

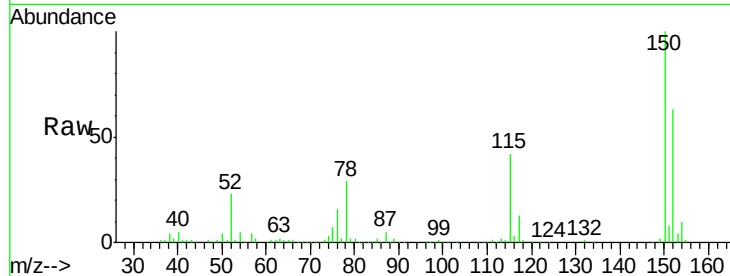
Tot Ion:152 Resp: 218334

Ion Ratio Lower Upper

152 100

150 159.7 124.1 186.1

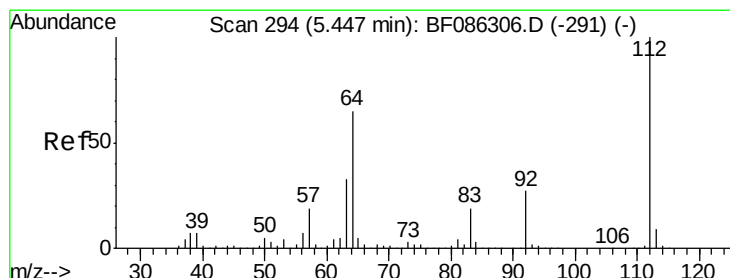
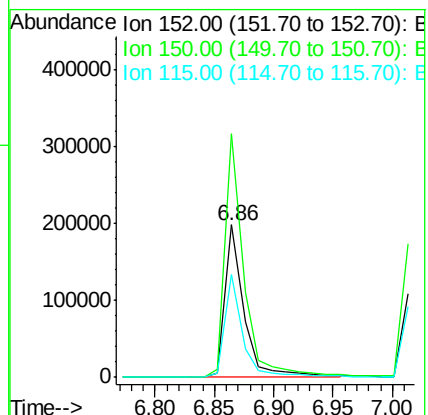
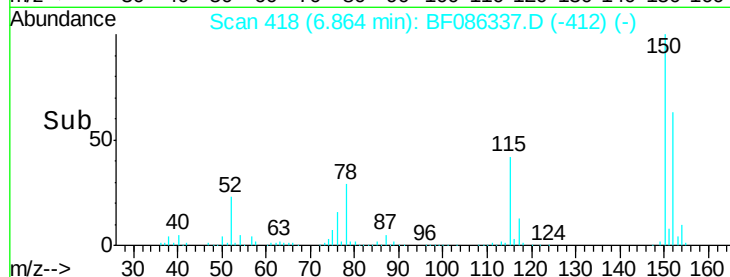
115 67.6 43.9 65.9#



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: 89.01 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF086337.D

Acq: 21 Apr 2016 4:49

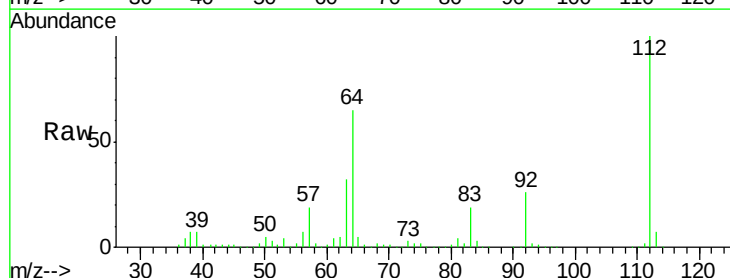
Tgt Ion:112 Resp: 1113811

Ion Ratio Lower Upper

112 100

64 64.9 48.1 72.1

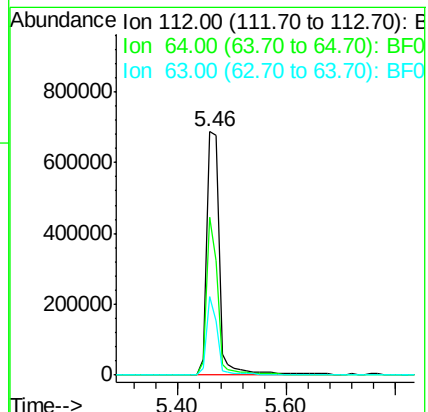
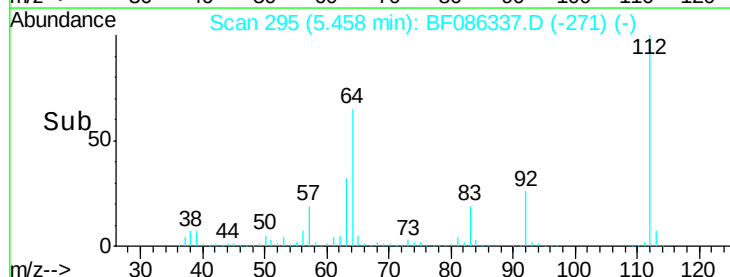
63 32.0 25.5 38.3

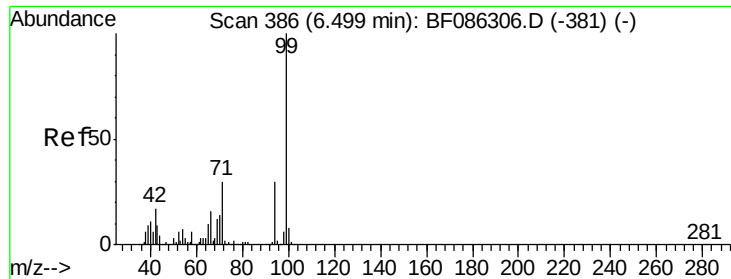


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.17 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086337.D

Acq: 21 Apr 2016 4:49

Instrument :

BNA_F

ClientSampled :

LCF-EW2

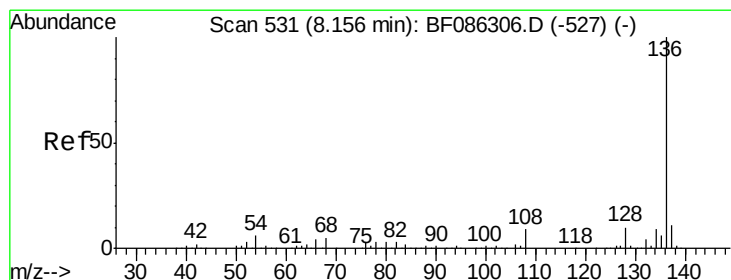
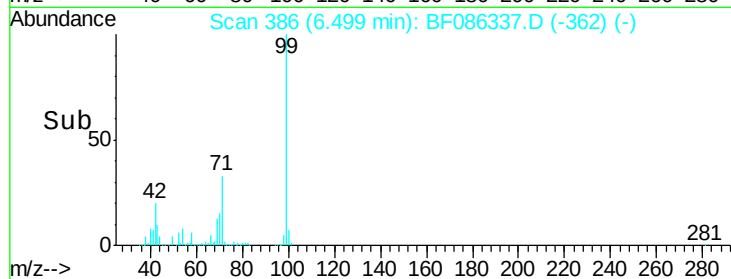
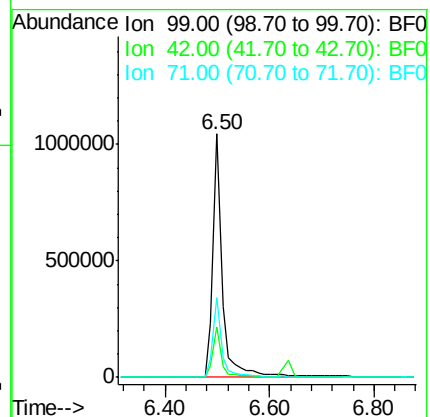
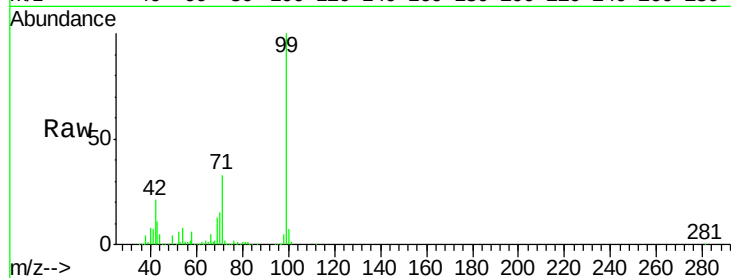
Tot Ion: 99 Resp: 1345595

Ion Ratio Lower Upper

99 100

42 20.5 15.4 23.2

71 32.9 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: BF086337.D

Acq: 21 Apr 2016 4:49

Tgt Ion: 136 Resp: 829380

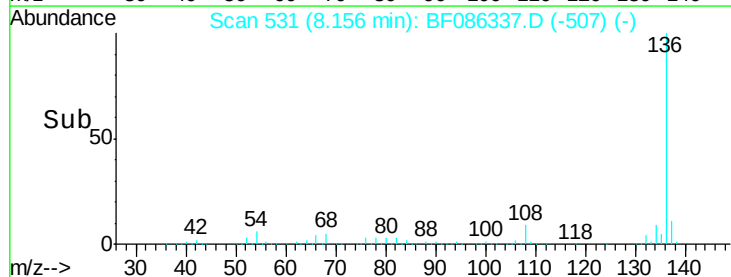
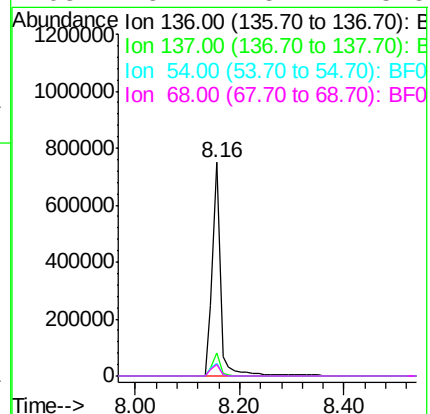
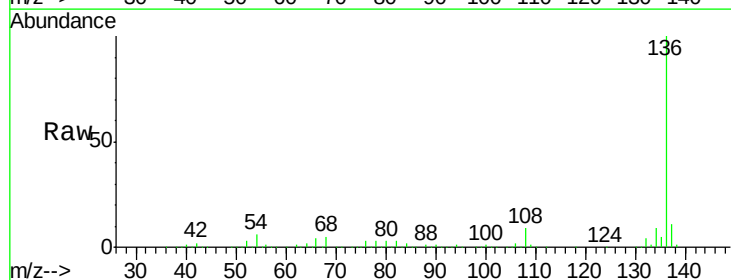
Ion Ratio Lower Upper

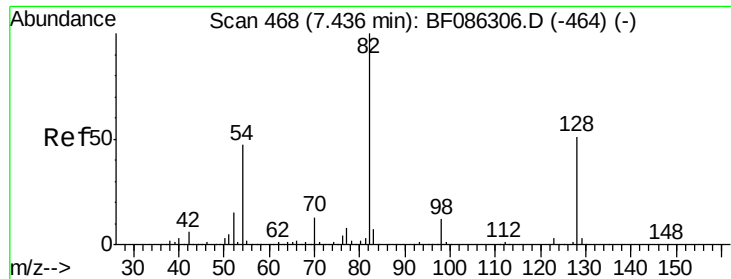
136 100

137 10.7 9.1 13.7

54 6.3 7.3 10.9#

68 5.4 5.7 8.5#

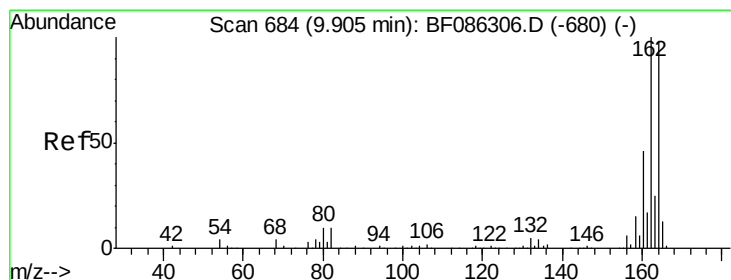
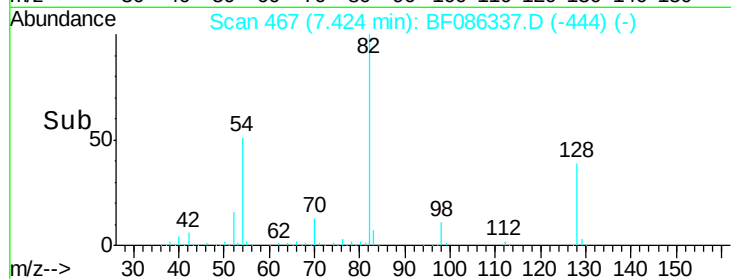
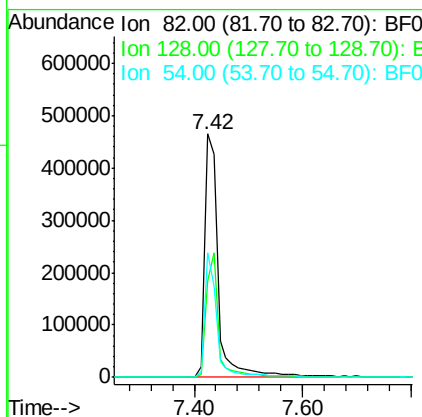
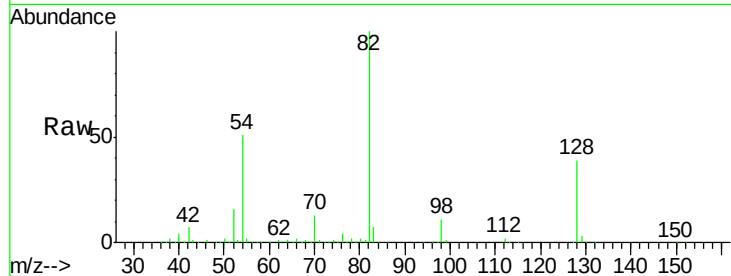




#23
 Nitrobenzene-d5
 Concen: 55.27 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086337.D
 Acq: 21 Apr 2016 4:49

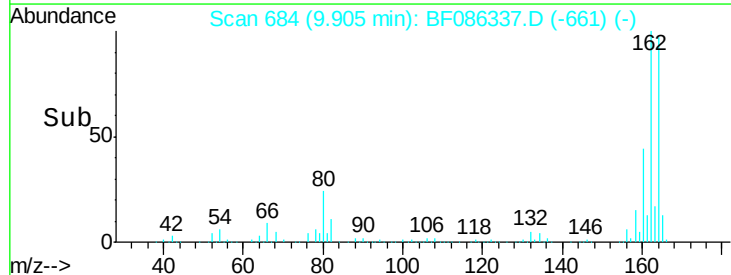
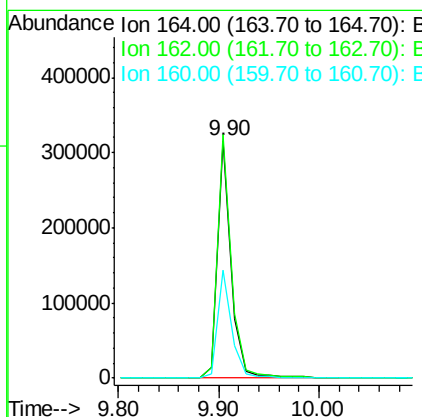
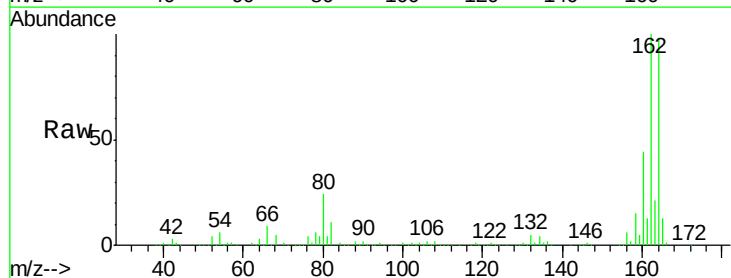
Instrument :
 BNA_F
 ClientSampleId :
 LCF-EW2

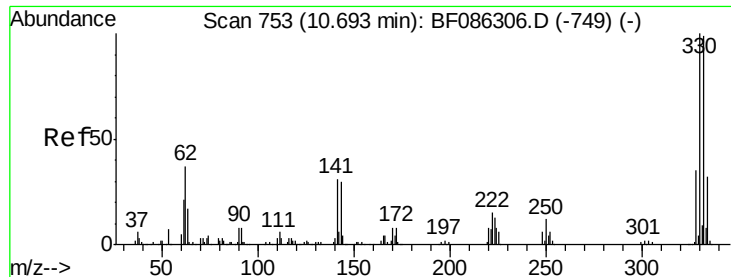
Tot Ion	82	Resp	800341
Ion Ratio	Lower	Upper	
82	100		
128	39.4	35.4	53.2
54	51.0	43.4	65.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086337.D
 Acq: 21 Apr 2016 4:49

Tgt Ion	164	Resp	298193
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.8	124.2
160	45.4	38.9	58.3

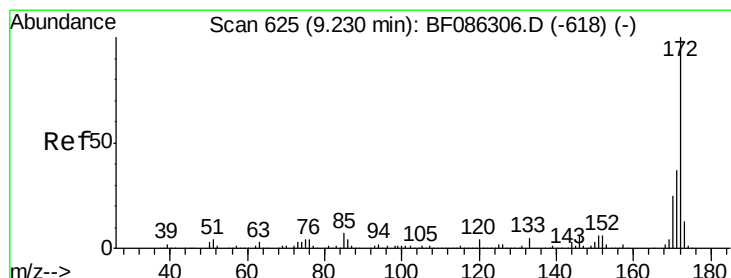
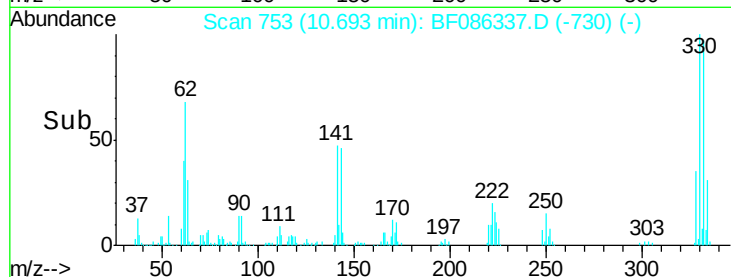
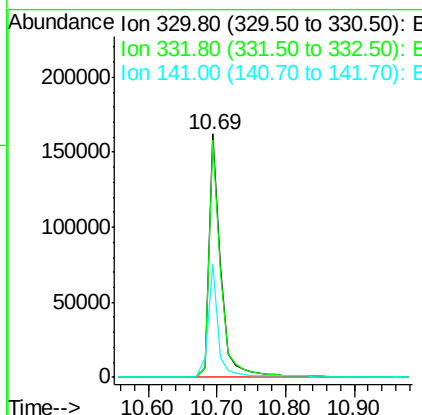
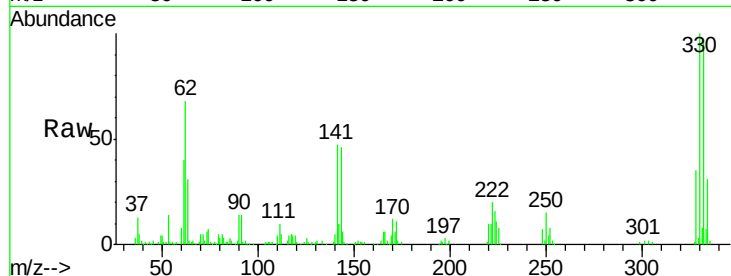




#41
 2,4,6-Tribromophenol
 Concen: 85.46 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086337.D
 Acq: 21 Apr 2016 4:49

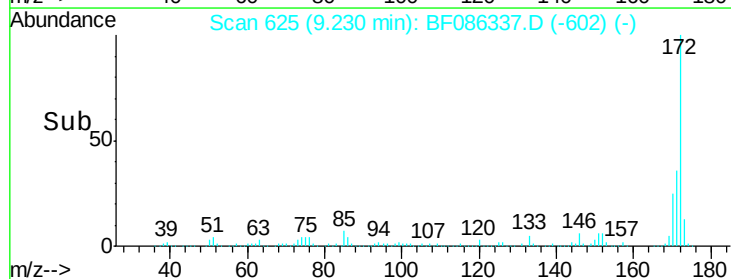
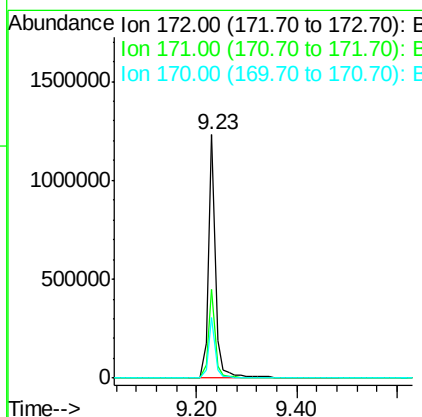
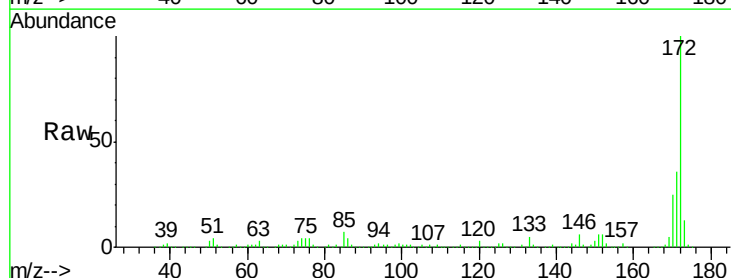
Instrument :
 BNA_F
 ClientSampleId :
 LCF-EW2

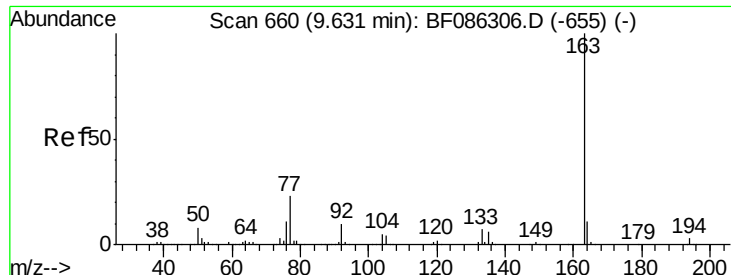
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.7	118.1
141	40.9	28.6	42.8



#44
 2-Fluorobiphenyl
 Concen: 76.20 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086337.D
 Acq: 21 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	25.0	19.9	29.9





#49

Dimethylphthalate

Concen: 9.78 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF086337.D

Acq: 21 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

LCF-EW2

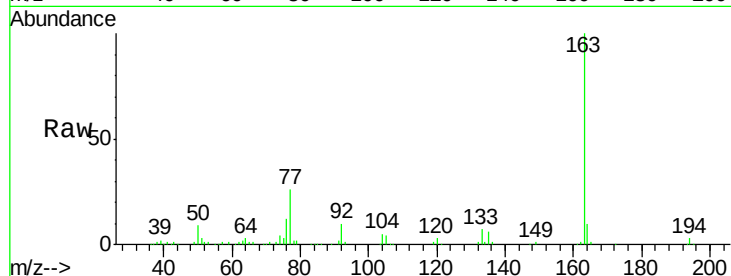
Tot Ion:163 Resp: 222091

Ion Ratio Lower Upper

163 100

194 2.7 2.8 4.2#

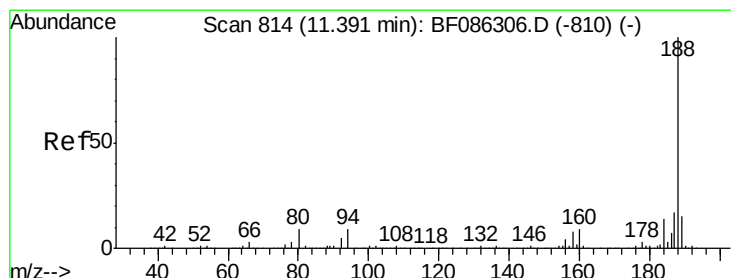
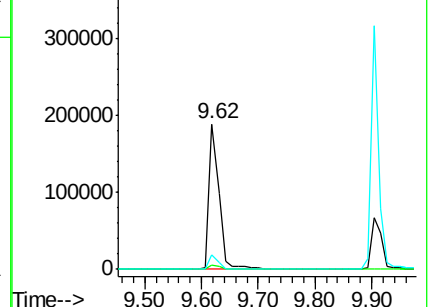
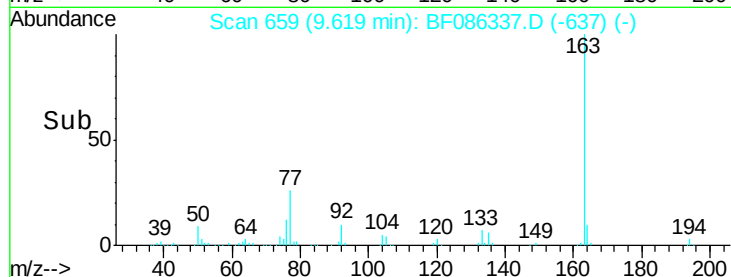
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086337.D

Acq: 21 Apr 2016 4:49

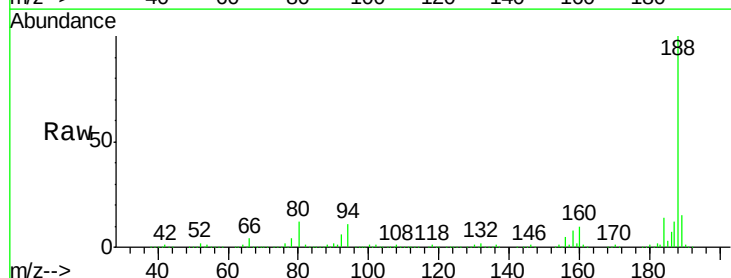
Tgt Ion:188 Resp: 494356

Ion Ratio Lower Upper

188 100

94 11.0 9.8 14.8

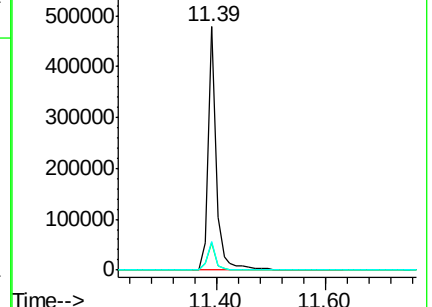
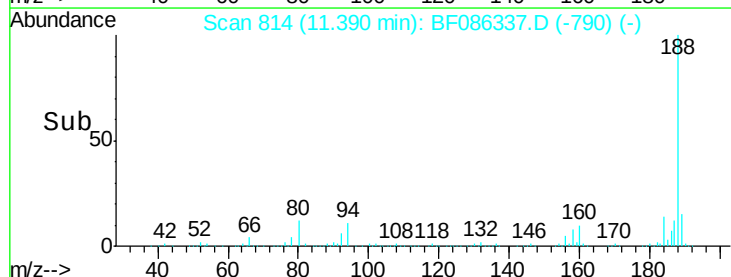
80 11.7 10.5 15.7

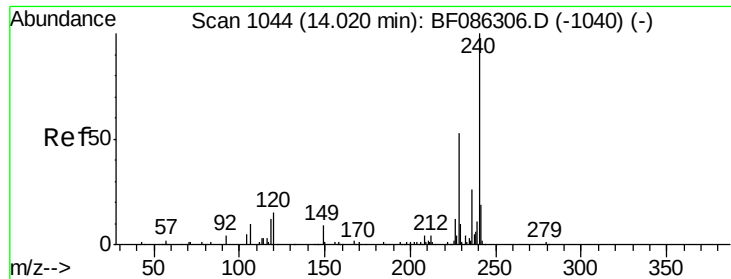


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086337.D

Acq: 21 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

LCF-EW2

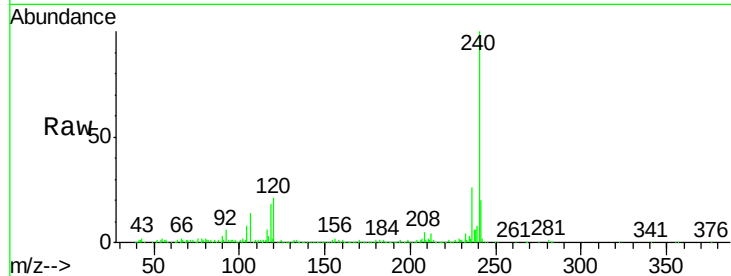
Tot Ion:240 Resp: 362630

Ion Ratio Lower Upper

240 100

120 21.3 9.3 13.9#

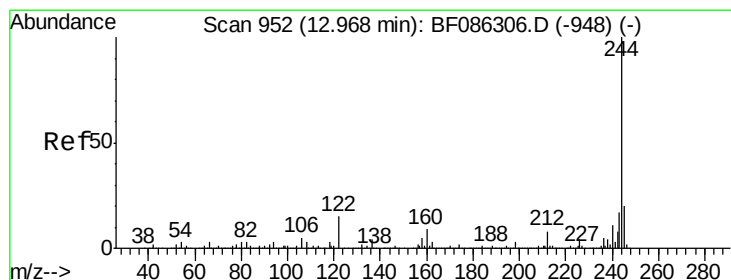
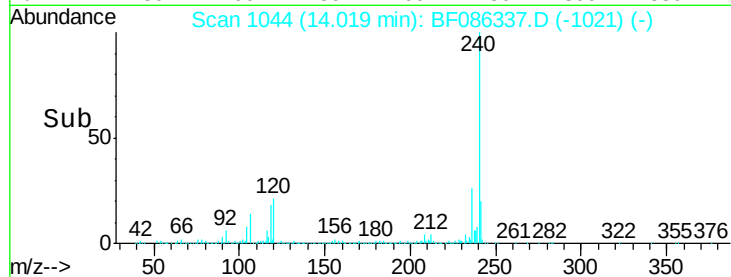
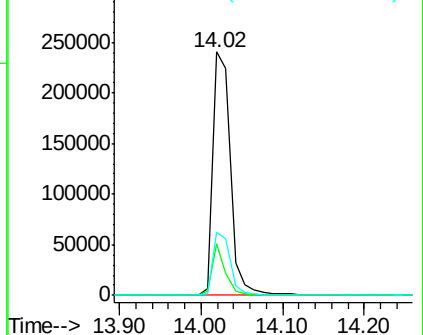
236 25.9 21.1 31.7



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: 56.96 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF086337.D

Acq: 21 Apr 2016 4:49

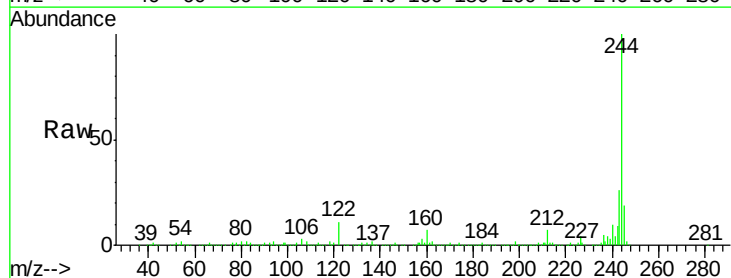
Tgt Ion:244 Resp: 867680

Ion Ratio Lower Upper

244 100

212 6.6 6.4 9.6

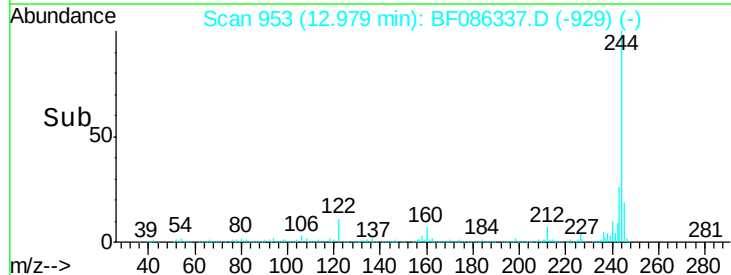
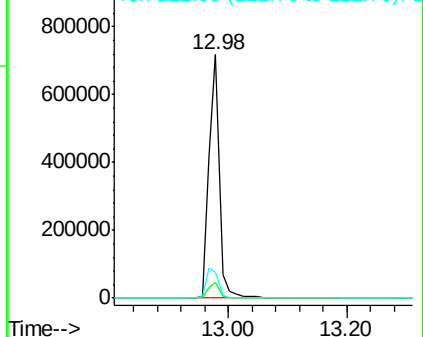
122 10.6 11.7 17.5#

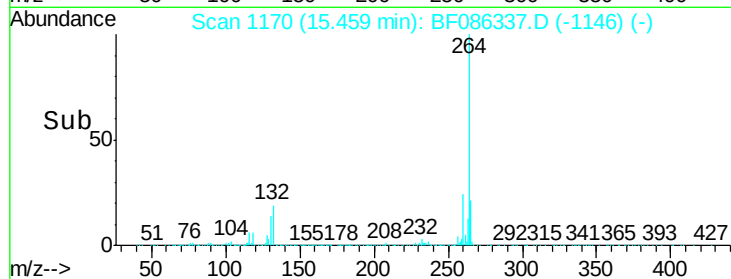
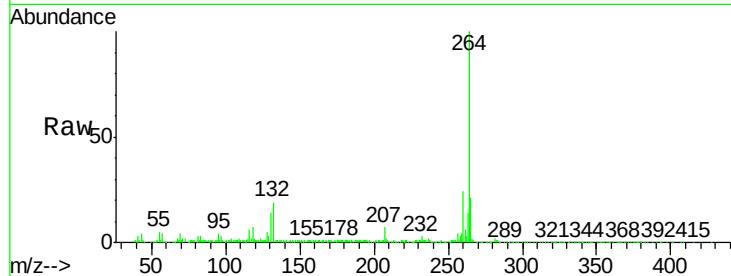
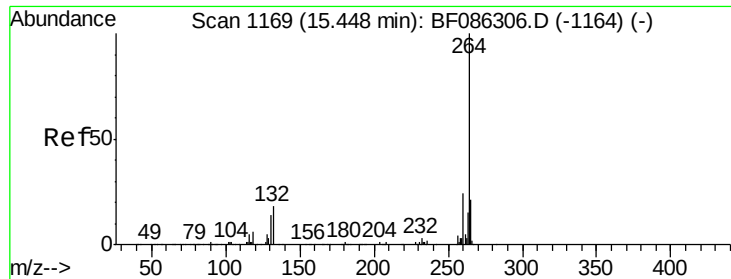


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF086337.D
Acq: 21 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
LCF-EW2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.0	30.0
265	21.3	17.4	26.0

