

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
 Data File : BF086723.D
 Acq On : 5 May 2016 23:41
 Operator : UM/SJ
 Sample : H2720-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: May 06 03:35:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

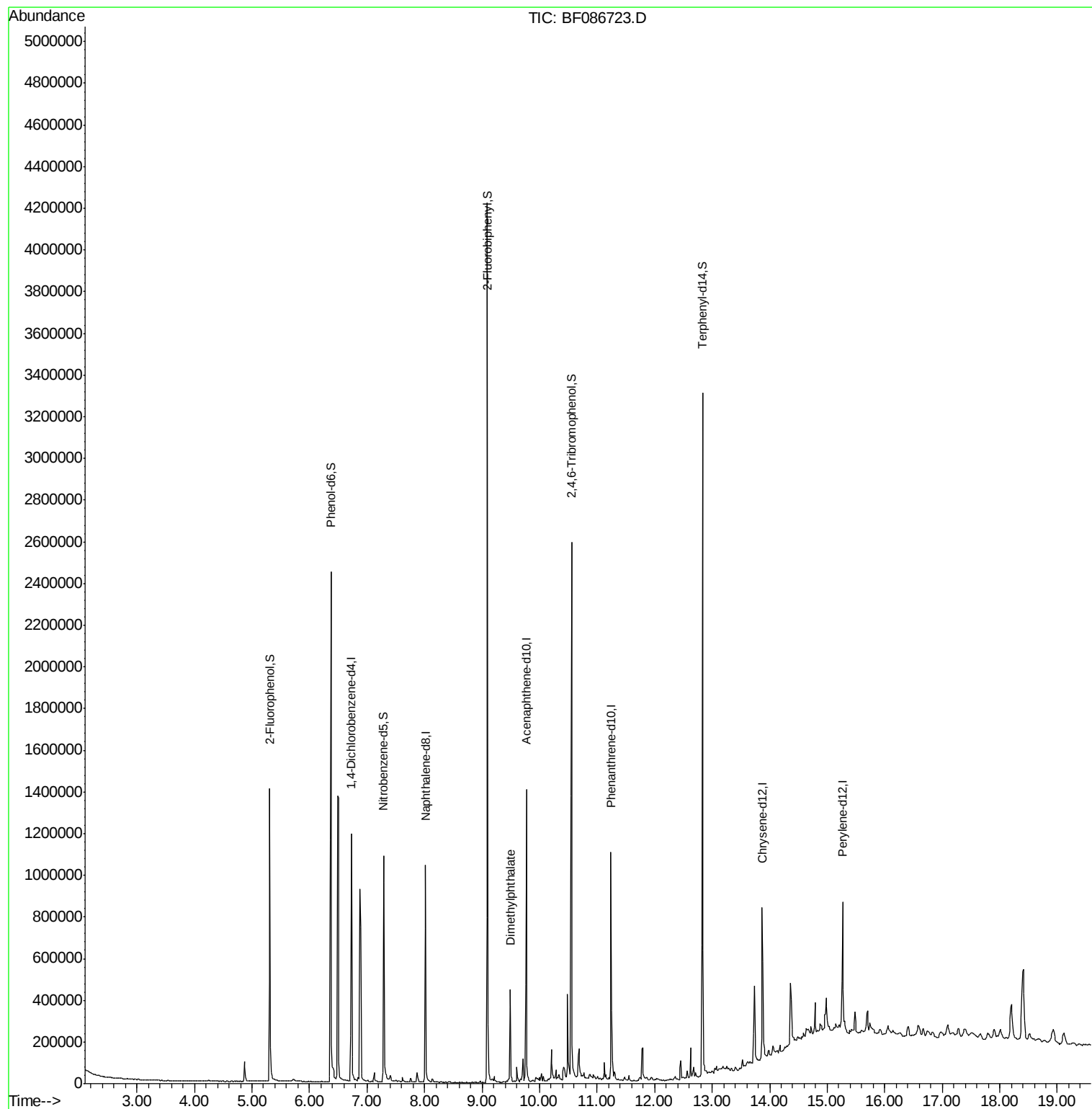
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163535	40.00	ng	-0.01
21) Naphthalene-d8	8.02	136	618190	40.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	276908	40.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	392772	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	311579	40.00	ng	-0.01
86) Perylene-d12	15.27	264	267503	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	379387	38.41	ng	-0.01
7) Phenol-d6	6.37	99	890815	66.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	509919	42.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	325082	120.01	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1159333	68.63	ng	-0.01
78) Terphenyl-d14	12.83	244	970892	62.98	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	244266	11.83	ng	98

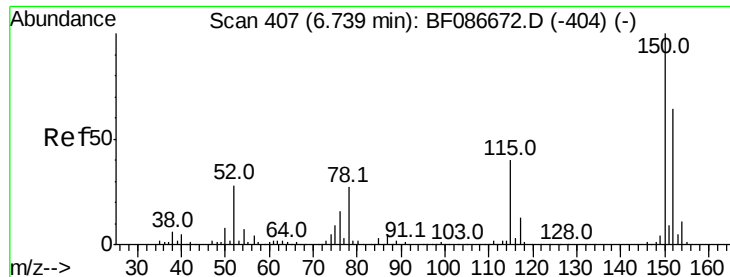
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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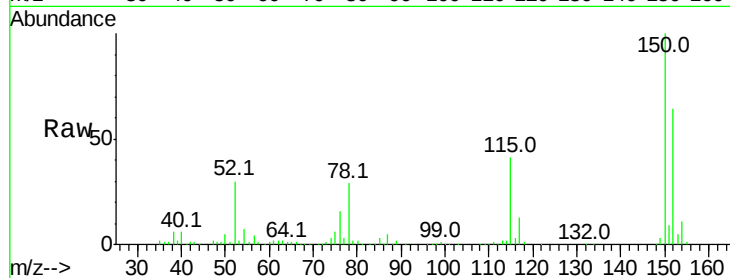


#1

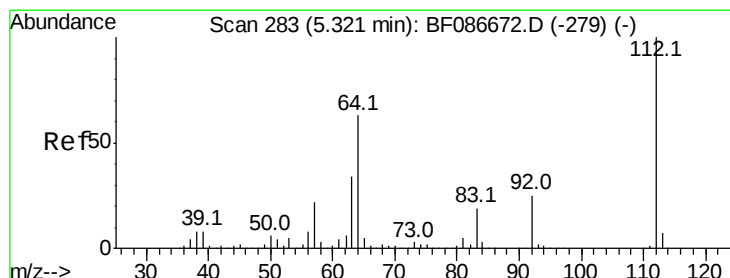
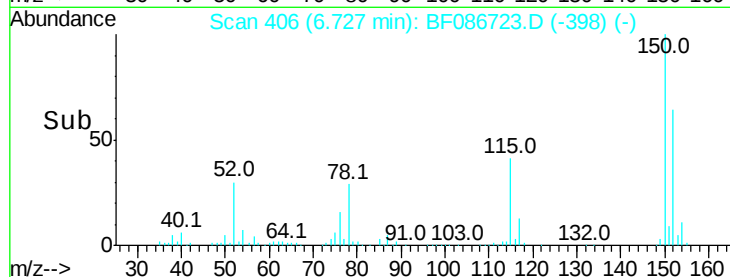
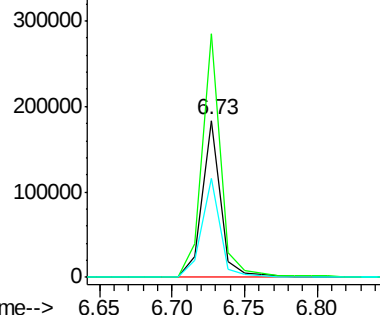
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Instrument :
BNA_F
ClientSampled :
DUP

Tot Ion:152 Resp: 163535
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 63.0 51.5 77.3



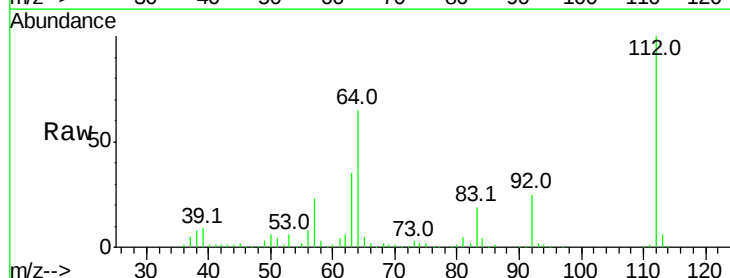
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



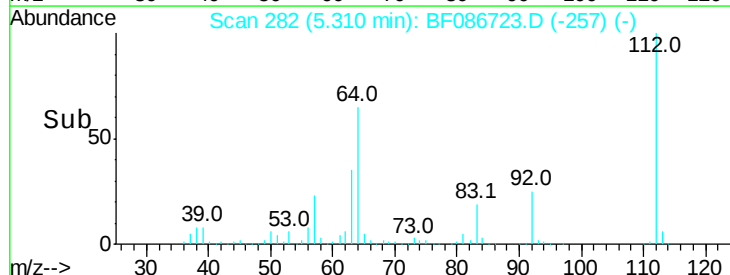
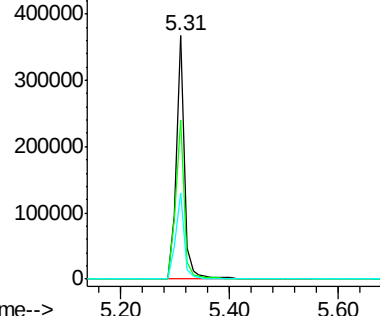
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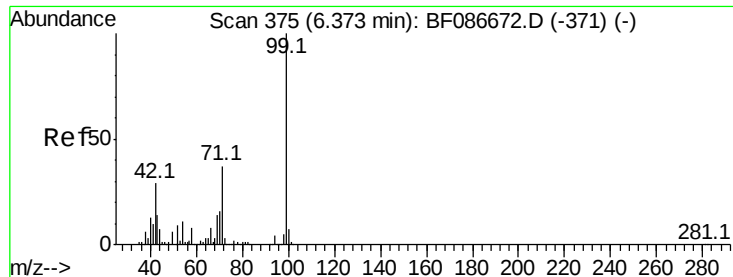
2-Fluorophenol
Concen: 38.41 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Tgt Ion:112 Resp: 379387
Ion Ratio Lower Upper
112 100
64 65.2 52.1 78.1
63 35.5 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: 66.95 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Instrument :

BNA_F

ClientSampleId :

DUP

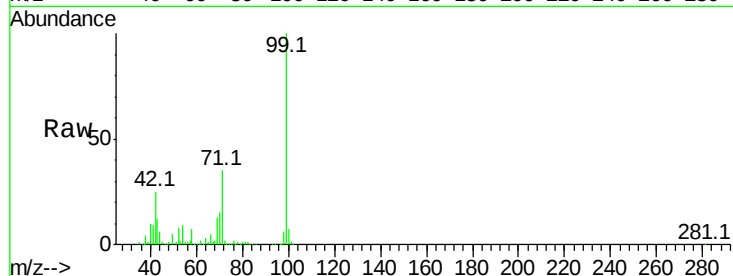
Tot Ion: 99 Resp: 890815

Ion Ratio Lower Upper

99 100

42 24.5 13.6 20.4#

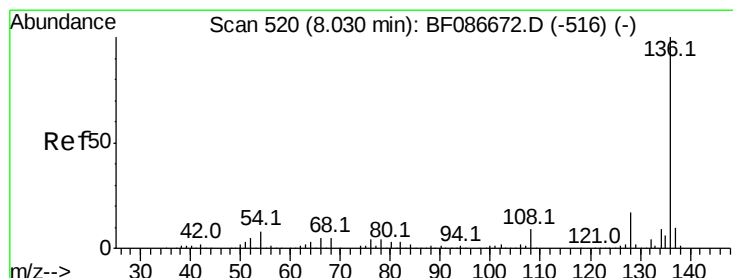
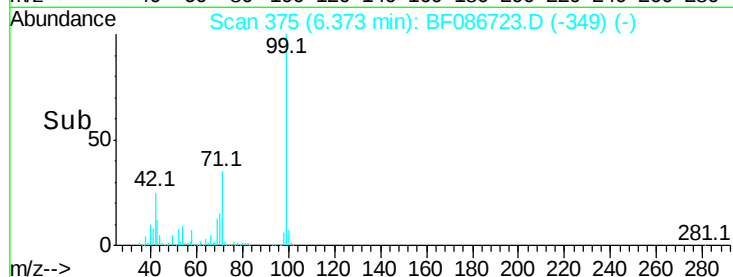
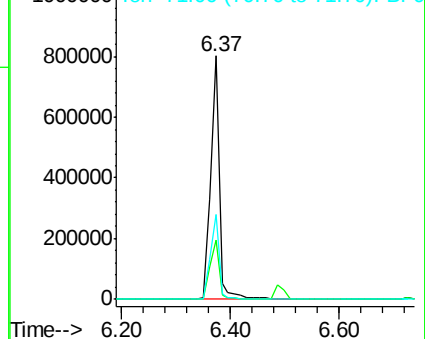
71 34.7 24.6 36.8



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: 40.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Tgt Ion: 136 Resp: 618190

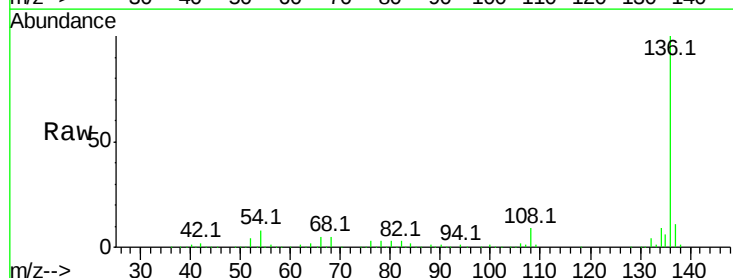
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.0 5.0 7.4#

68 4.9 4.4 6.6

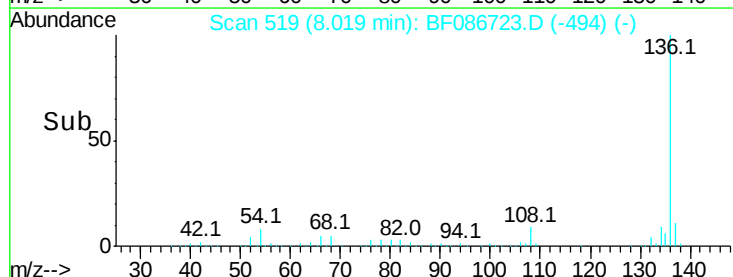
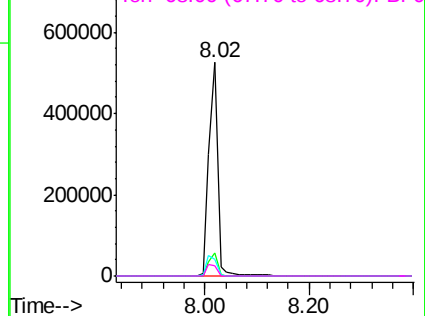


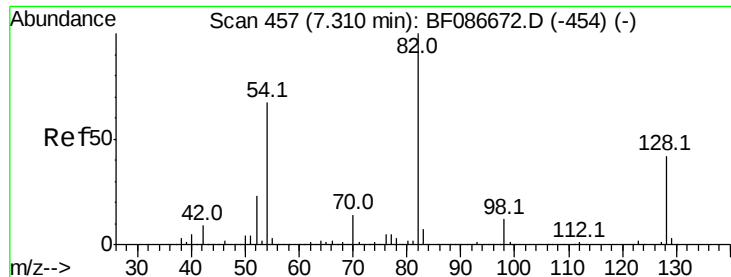
Abundance Ion 136.00 (135.70 to 136.70): E

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

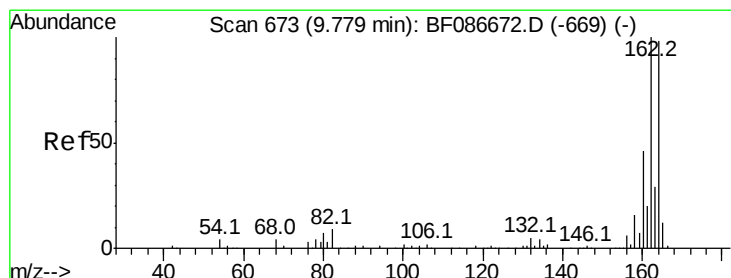
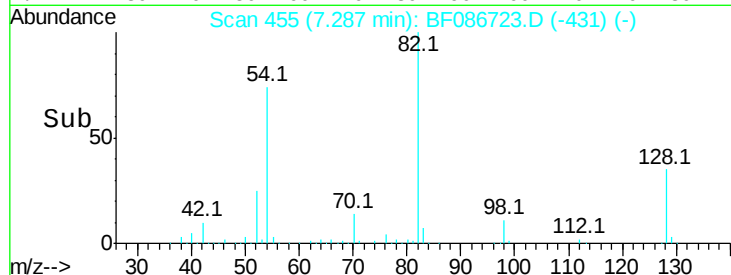
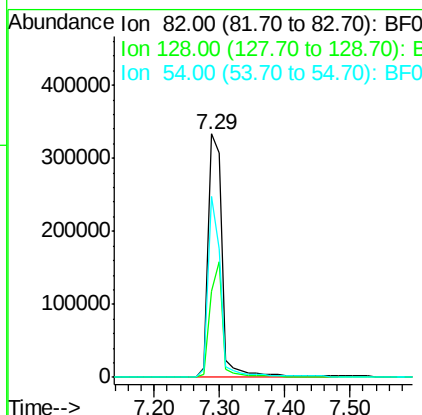
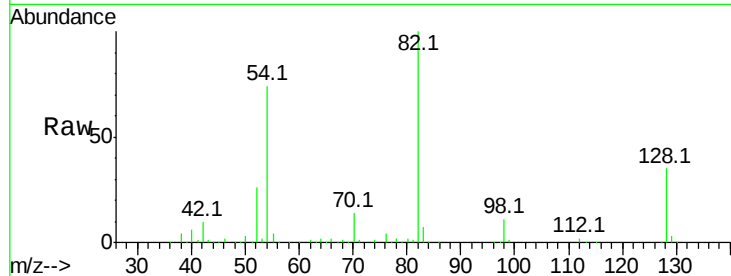




#23
 Nitrobenzene-d5
 Concen: 42.39 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF086723.D
 Acq: 5 May 2016 23:41

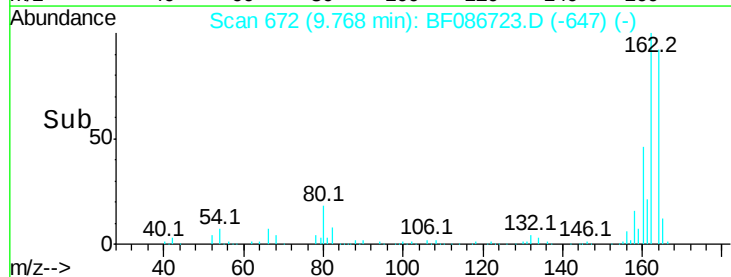
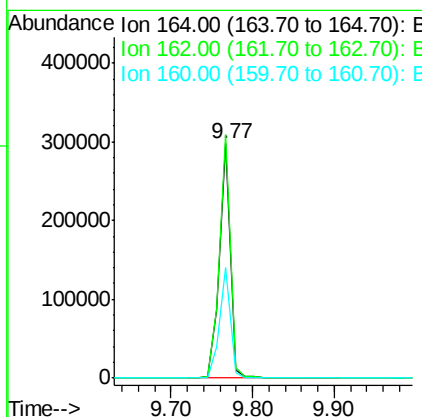
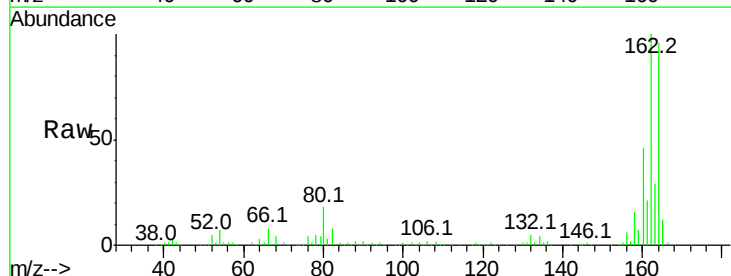
Instrument :
 BNA_F
 ClientSampleId :
 DUP

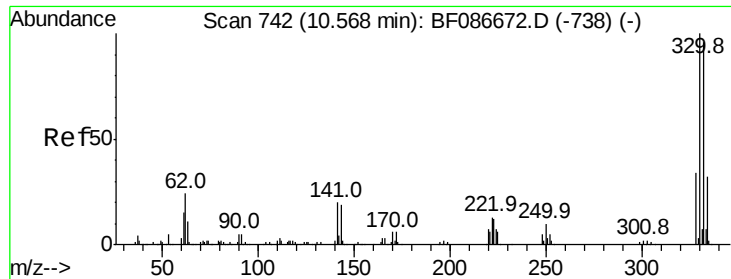
Tot Ion: 82 Resp: 509919
 Ion Ratio Lower Upper
 82 100
 128 35.5 40.6 61.0#
 54 74.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF086723.D
 Acq: 5 May 2016 23:41

Tgt Ion: 164 Resp: 276908
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 47.5 36.9 55.3

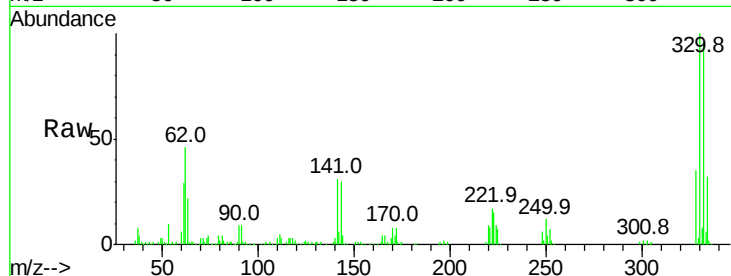




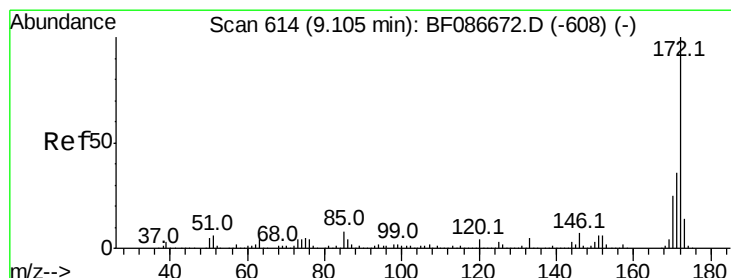
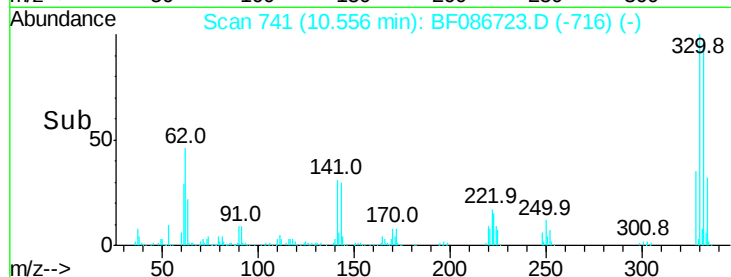
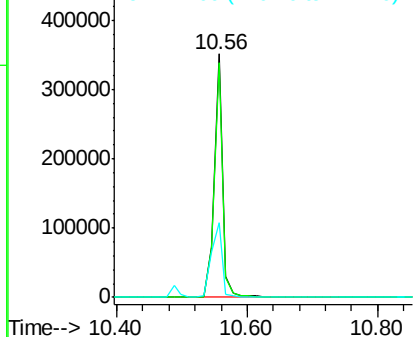
#41
 2,4,6-Tribromophenol
 Concen: 120.01 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086723.D
 Acq: 5 May 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	38.4	31.2	46.8

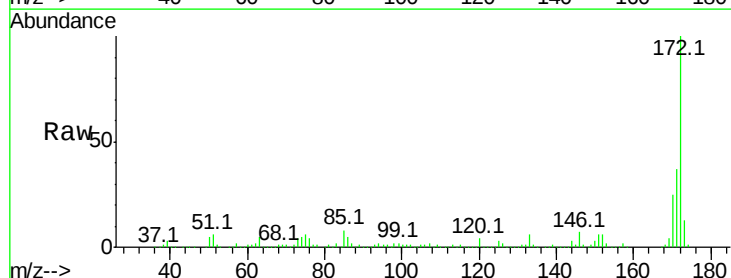


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

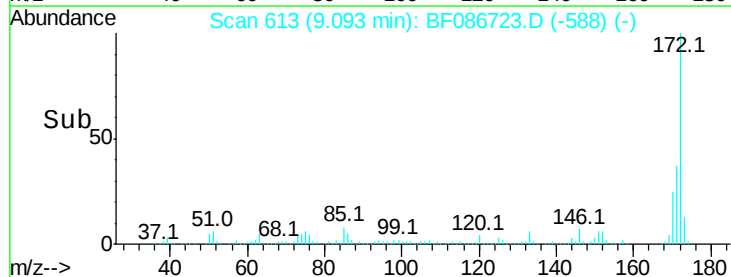
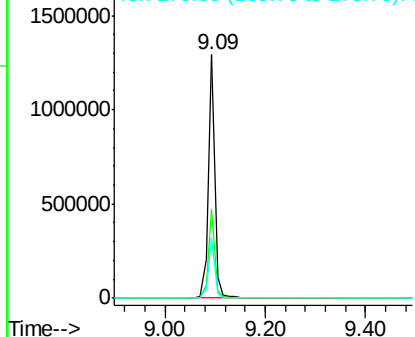


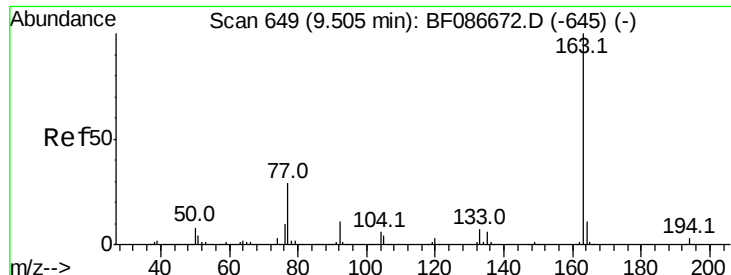
#44
 2-Fluorobiphenyl
 Concen: 68.63 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086723.D
 Acq: 5 May 2016 23:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.7	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

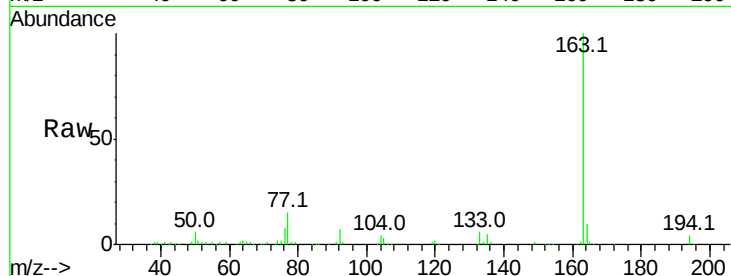




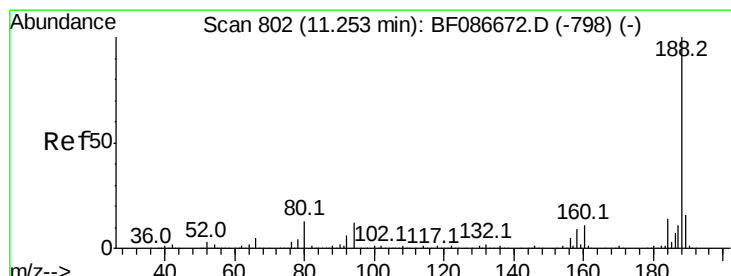
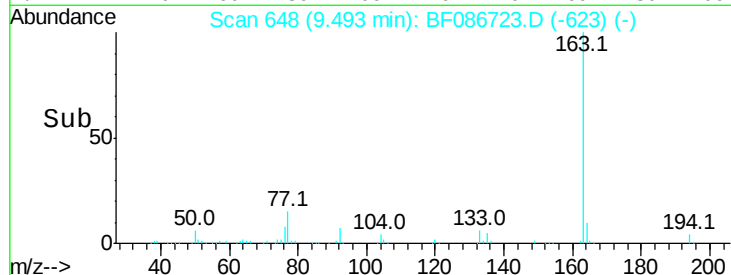
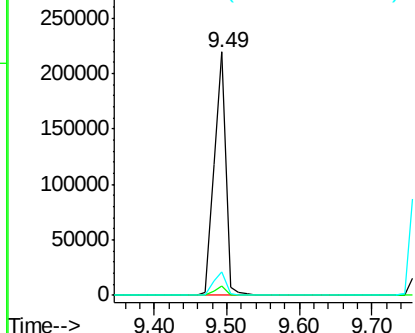
#49
Dimethylphthalate
Concen: 11.83 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion:163 Resp: 244266
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.6 8.2 12.4

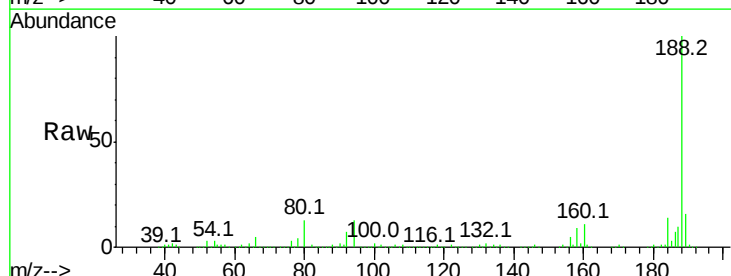


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

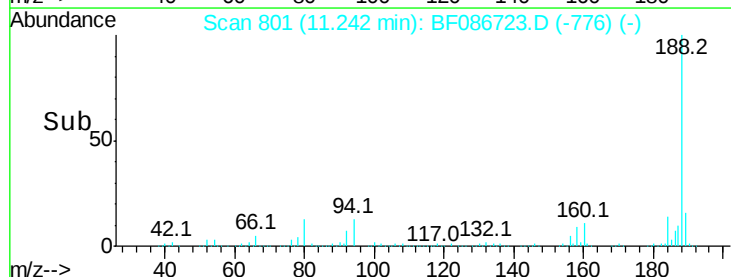
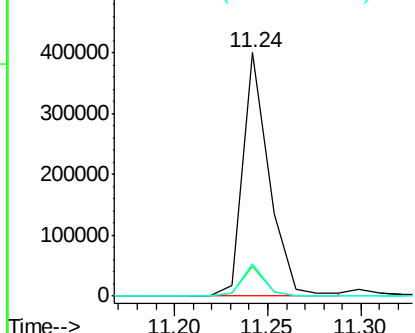


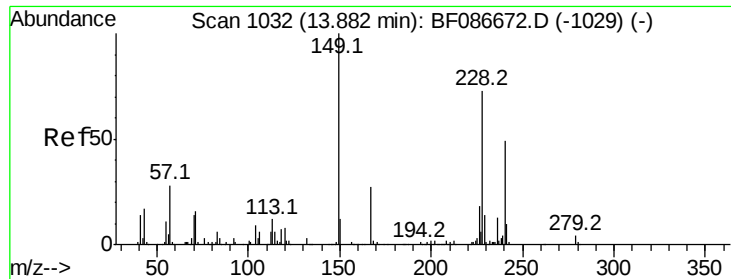
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Tgt Ion:188 Resp: 392772
Ion Ratio Lower Upper
188 100
94 12.5 6.8 10.2#
80 13.5 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: 40.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Instrument :

BNA_F

ClientSampleId :

DUP

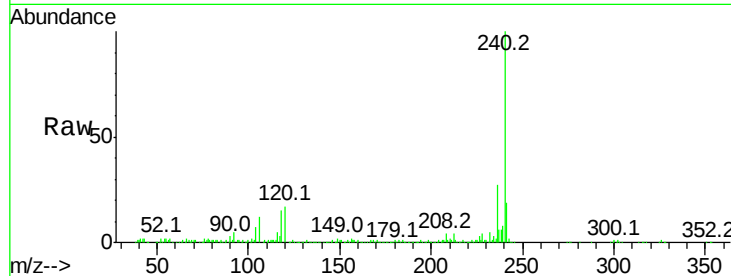
Tot Ion:240 Resp: 311579

Ion Ratio Lower Upper

240 100

120 17.4 11.2 16.8#

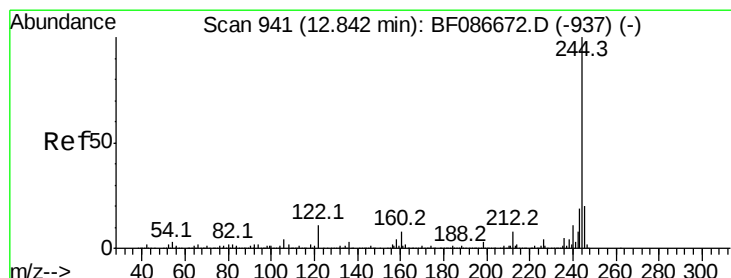
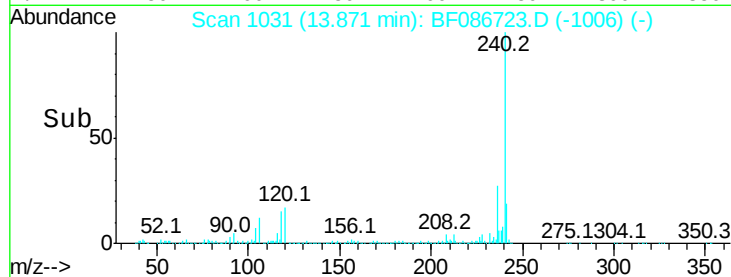
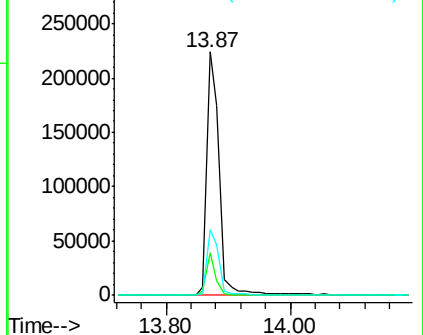
236 27.0 21.2 31.8



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: 62.98 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

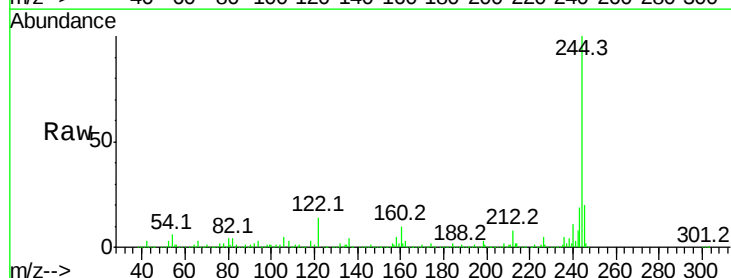
Tgt Ion:244 Resp: 970892

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

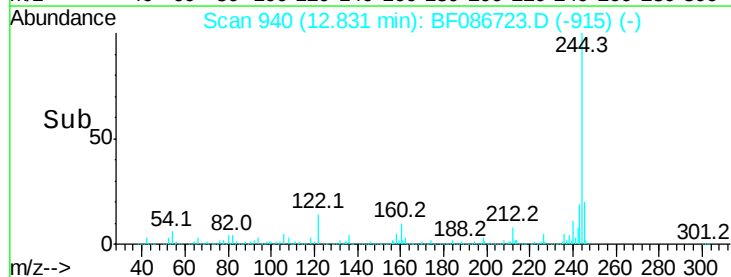
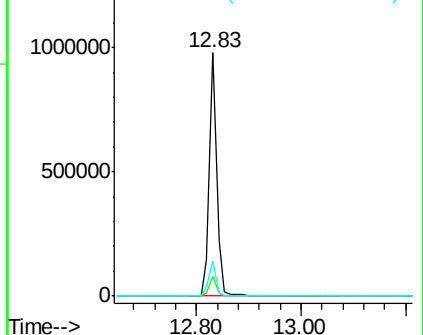
122 14.5 12.0 18.0

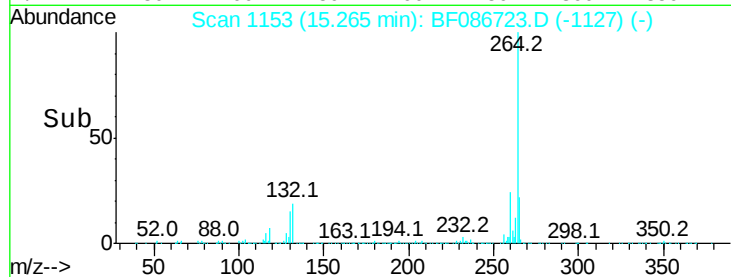
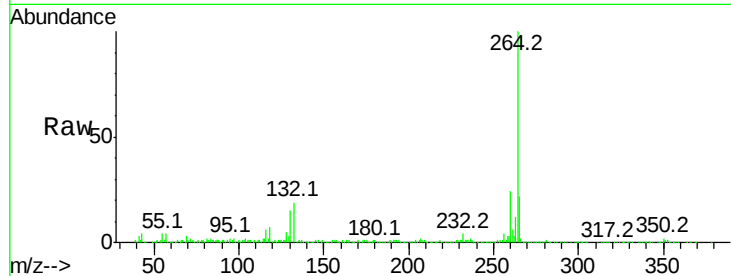
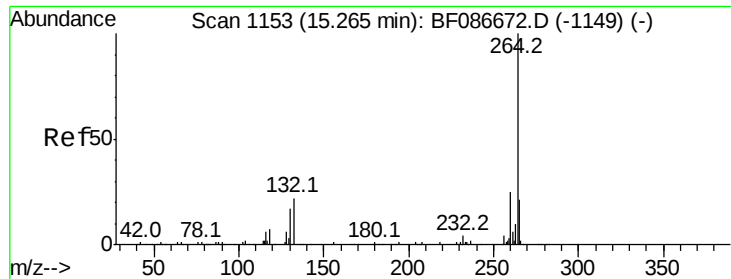


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 40.00 ng

RT: 15.27 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Instrument :

BNA_F

ClientSampleId :

DUP

Tot Ion:264 Resp: 267503

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.9 17.3 25.9

