

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084731.D
 Acq On : 2 Feb 2016 1:27
 Operator : SJ/IZ
 Sample : H1294-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP002

Quant Time: Feb 02 03:56:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

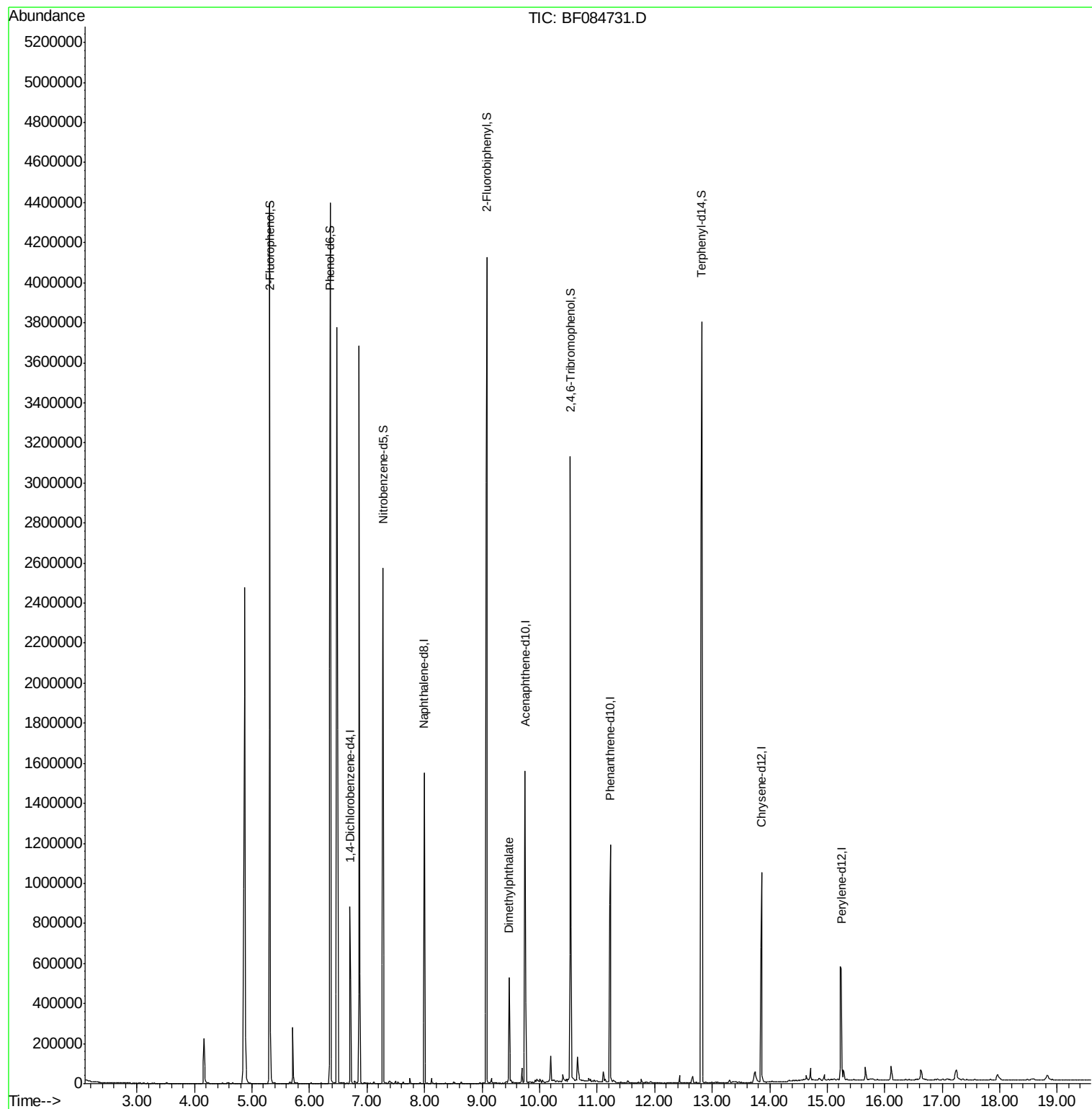
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157629	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	668841	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	303524	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	587725	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	465749	20.00	ng	-0.01
86) Perylene-d12	15.24	264	328479	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1227291	121.27	ng	0.00
7) Phenol-d6	6.36	99	1569235	125.08	ng	-0.01
23) Nitrobenzene-d5	7.28	82	881565	74.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	388449	122.69	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1742390	104.88	ng	-0.01
78) Terphenyl-d14	12.82	244	1587293	77.23	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	206617	8.94	ng	Qvalue # 89

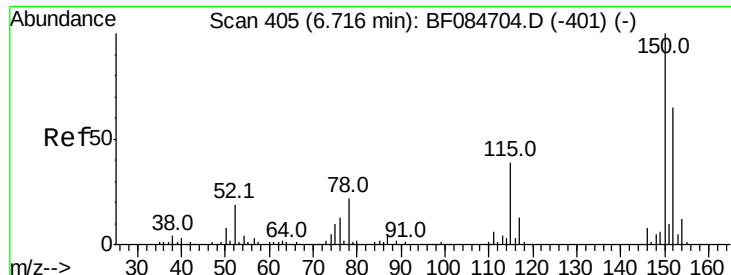
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084731.D

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BNA_F

ClientSampleId :

EP002

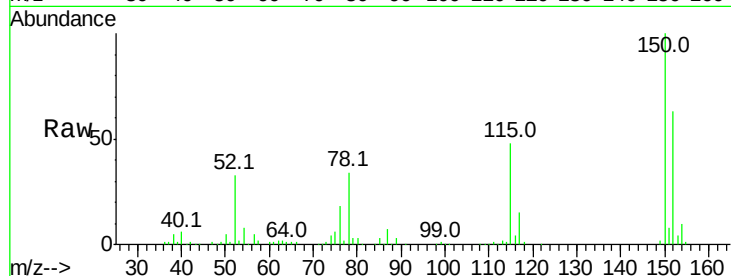
Tot Ion:152 Resp: 157629

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

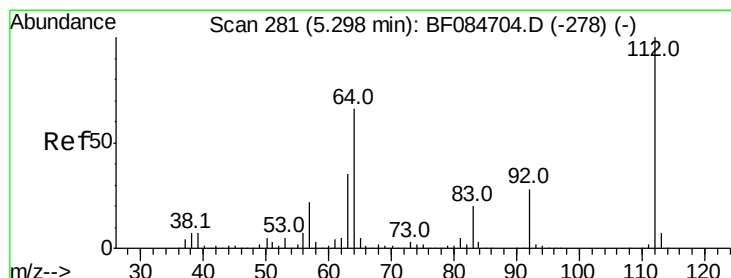
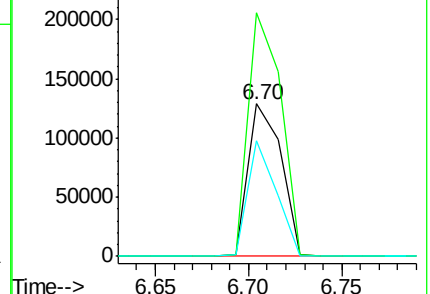
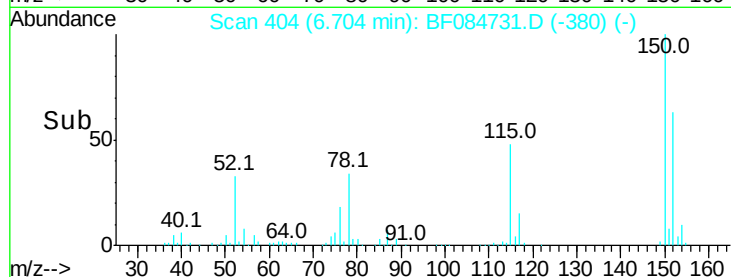
115 76.2 51.4 77.2



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: 121.27 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

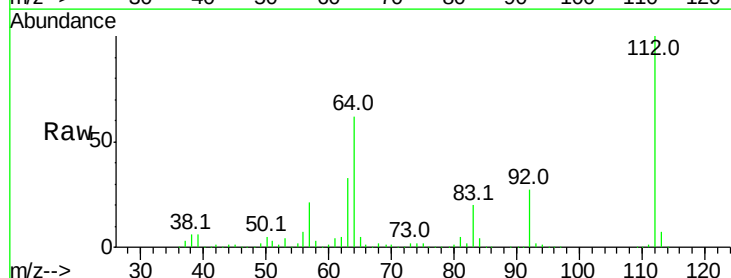
Tgt Ion:112 Resp: 1227291

Ion Ratio Lower Upper

112 100

64 61.6 36.6 55.0#

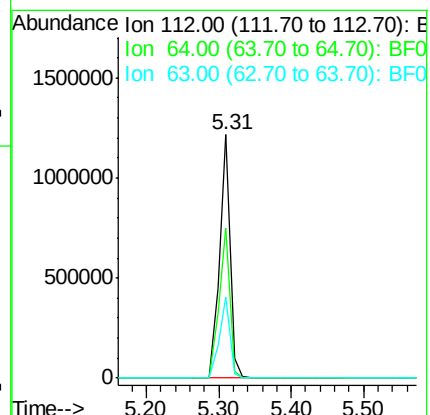
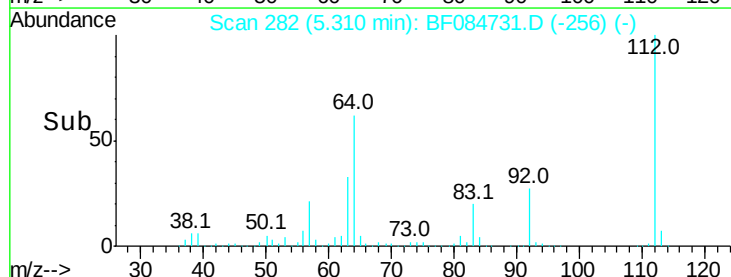
63 33.4 19.4 29.0#

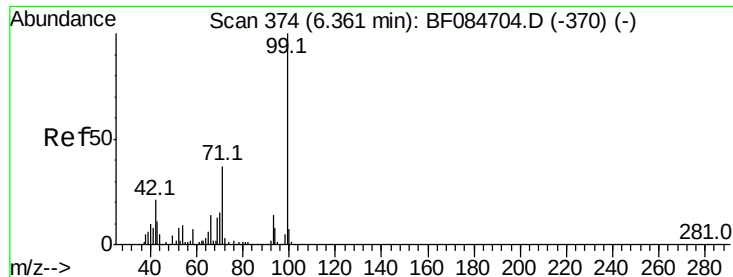


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.08 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

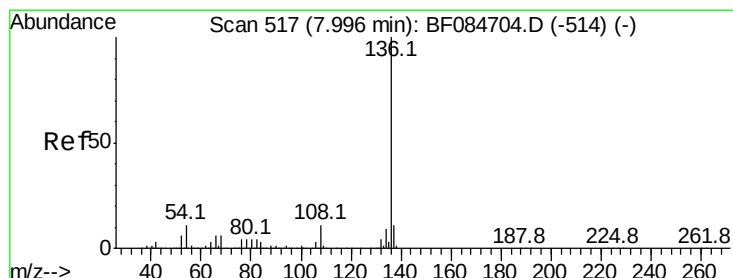
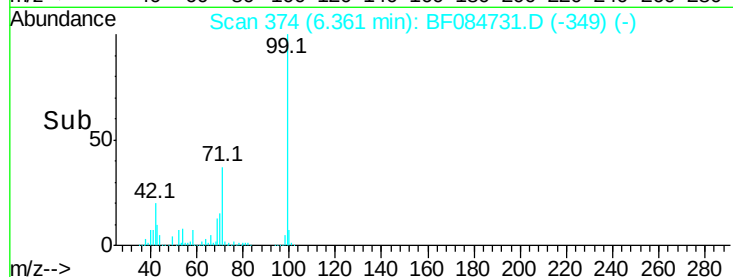
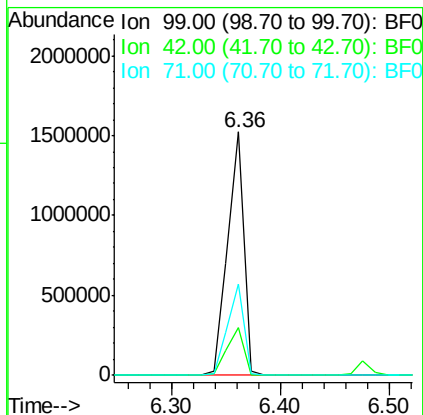
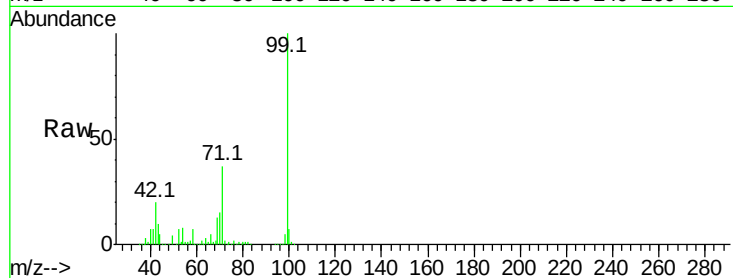
BNA_F

ClientSampleId :

EP002

Tot Ion: 99 Resp: 1569235

Ion	Ratio	Lower	Upper
99	100		
42	19.8	12.8	19.2#
71	37.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

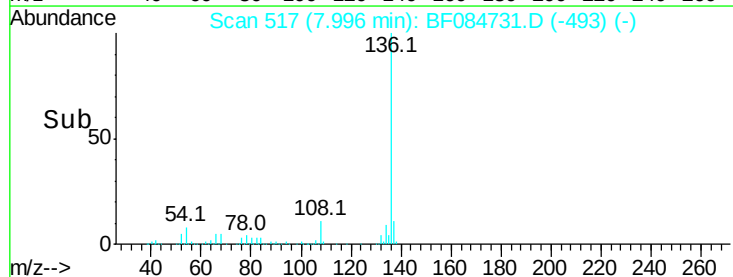
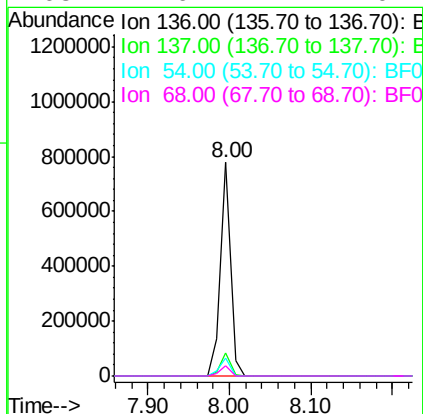
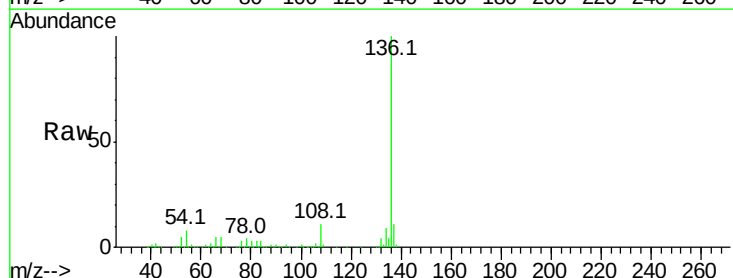
Delta R.T. -0.02 min

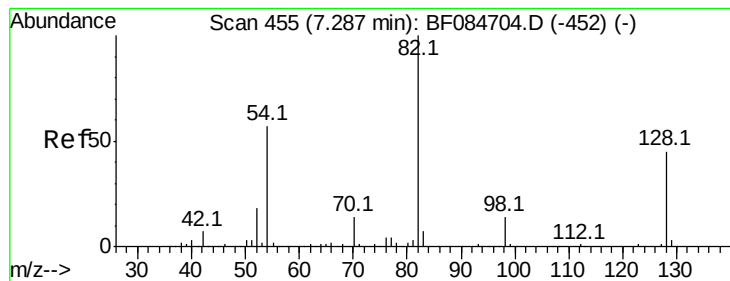
Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Tgt Ion: 136 Resp: 668841

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.3	5.8	8.8
68	4.6	4.2	6.2





#23

Nitrobenzene-d5

Concen: 74.25 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

EP002

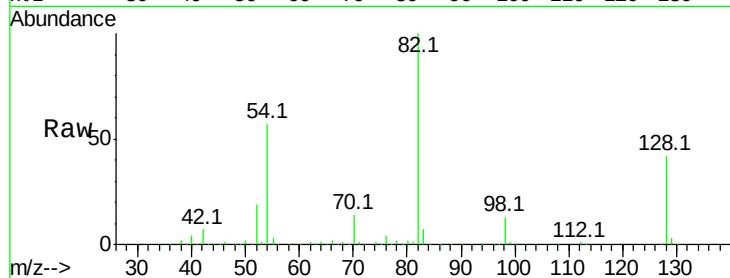
Tot Ion: 82 Resp: 881565

Ion Ratio Lower Upper

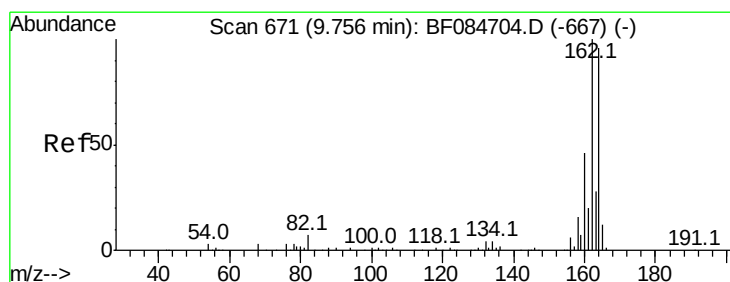
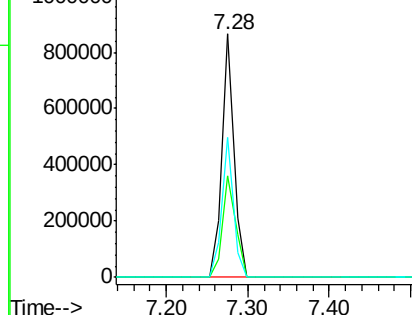
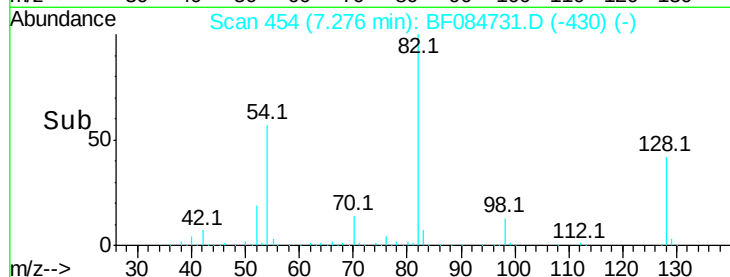
82 100

128 41.9 34.6 51.8

54 57.5 38.4 57.6



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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

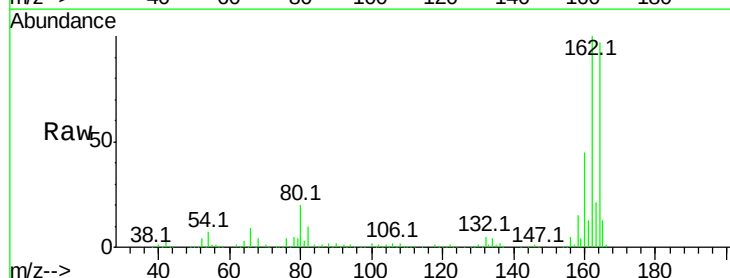
Tgt Ion: 164 Resp: 303524

Ion Ratio Lower Upper

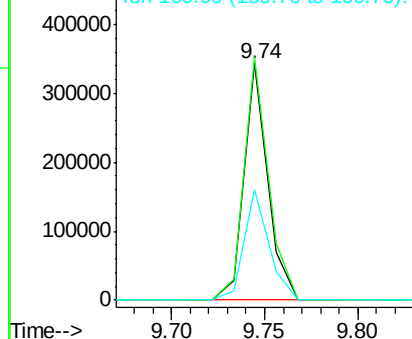
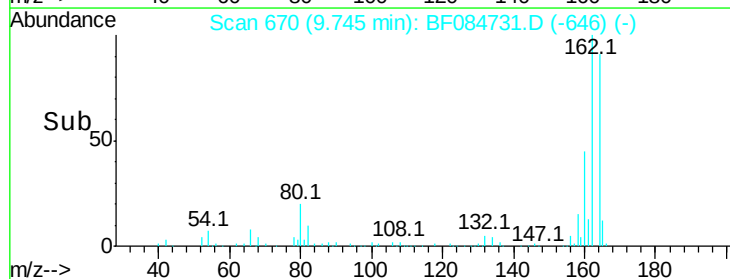
164 100

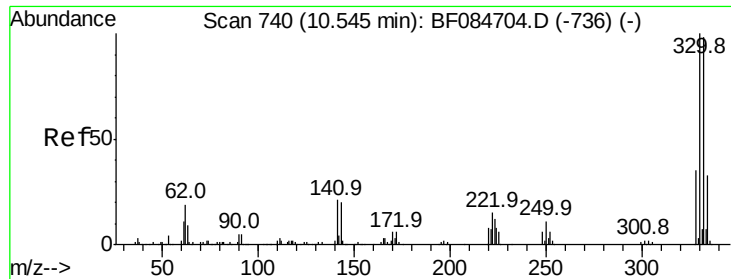
162 102.8 85.1 127.7

160 46.5 37.5 56.3



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

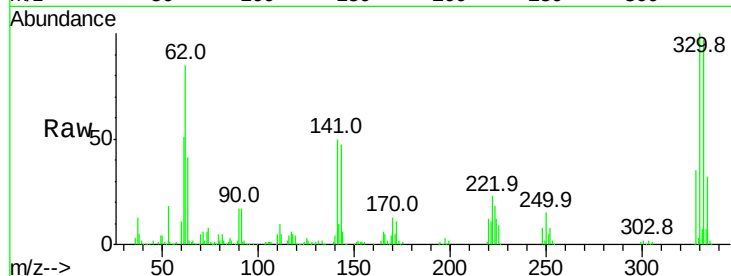




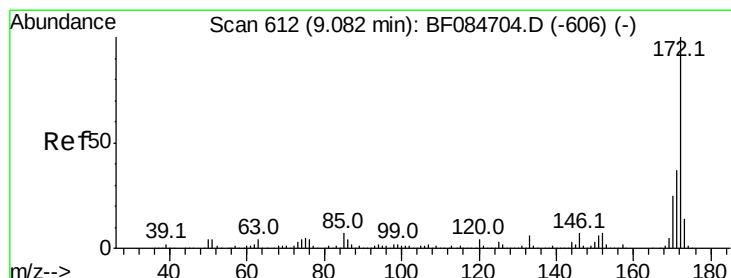
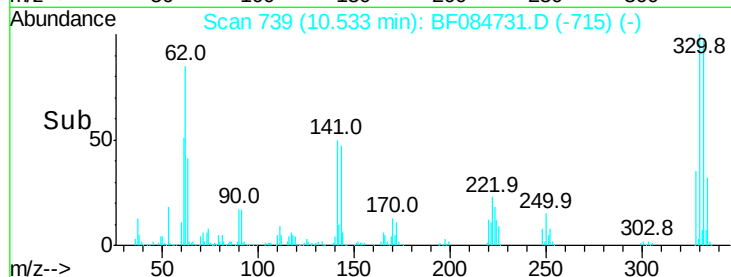
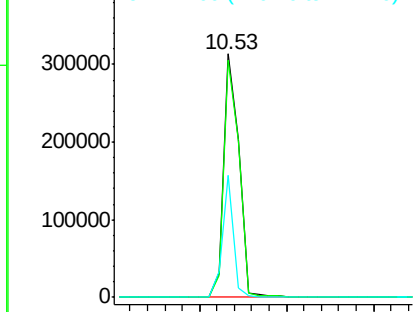
#41
 2,4,6-Tribromophenol
 Concen: 122.69 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084731.D
 Acq: 2 Feb 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 EP002

Tot Ion:330 Resp: 388449
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 36.8 27.8 41.6

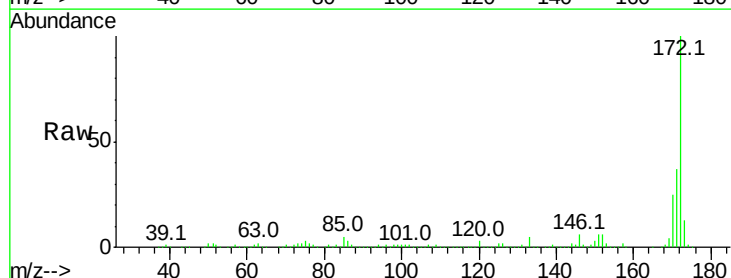


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

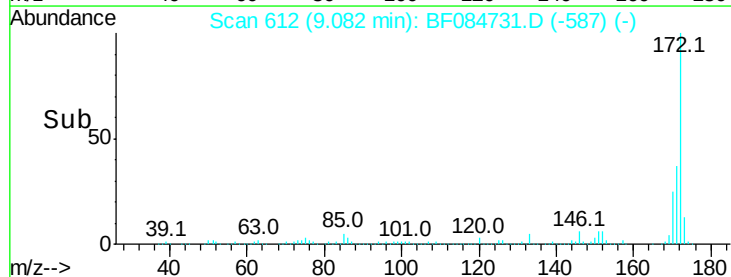
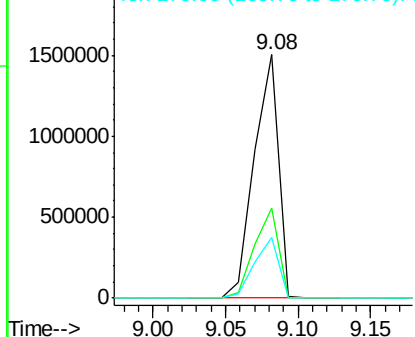


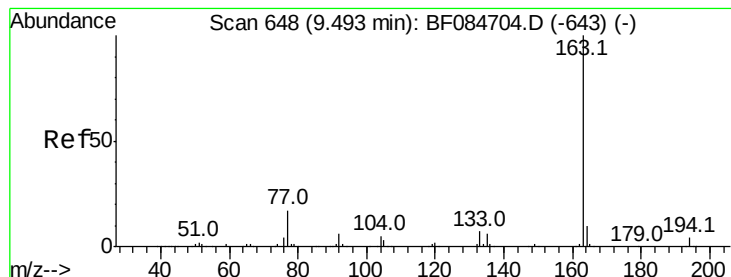
#44
 2-Fluorobiphenyl
 Concen: 104.88 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084731.D
 Acq: 2 Feb 2016 1:27

Tgt Ion:172 Resp: 1742390
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.9 18.6 27.8



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: 8.94 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

BNA_F

ClientSampled :

EP002

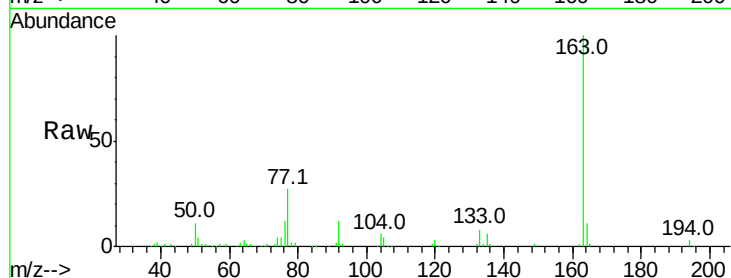
Tot Ion:163 Resp: 206617

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

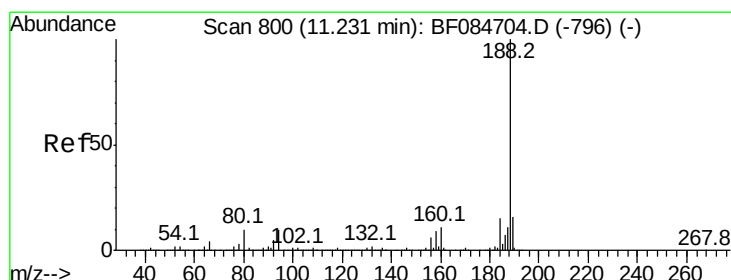
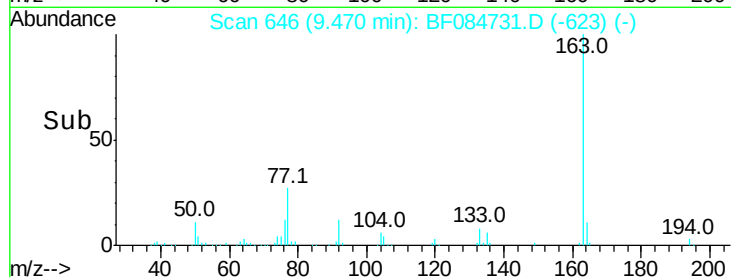
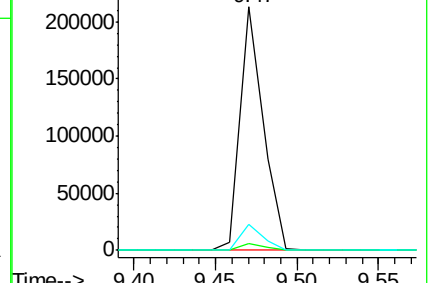
164 10.6 8.0 12.0



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: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

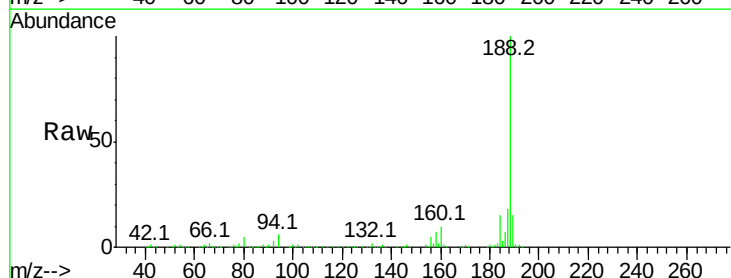
Tgt Ion:188 Resp: 587725

Ion Ratio Lower Upper

188 100

94 5.5 9.0 13.4#

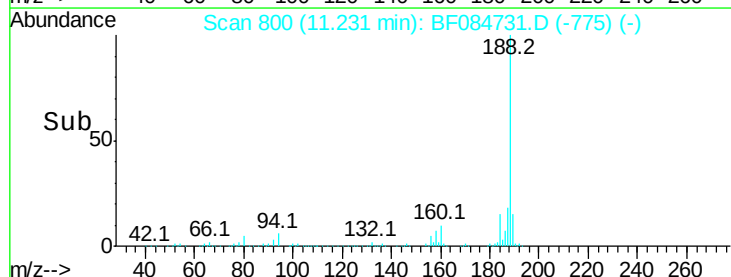
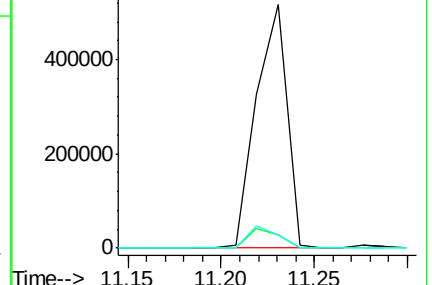
80 5.5 9.6 14.4#

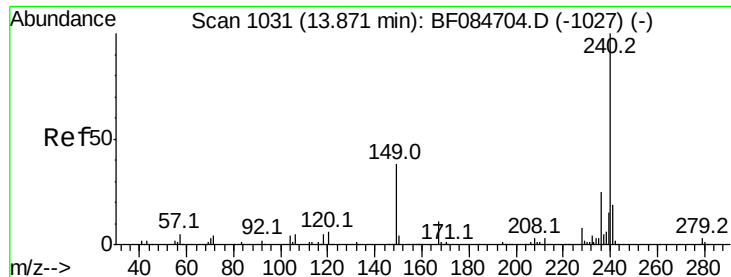


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

EP002

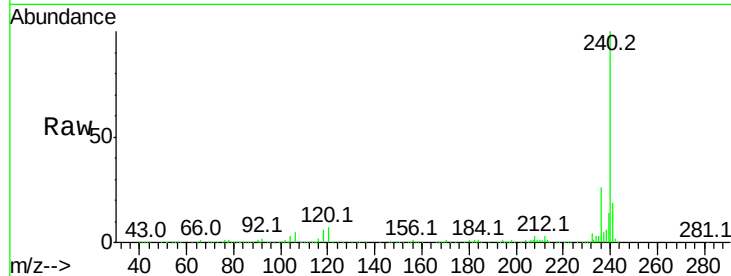
Tot Ion:240 Resp: 465749

Ion Ratio Lower Upper

240 100

120 6.6 9.5 14.3#

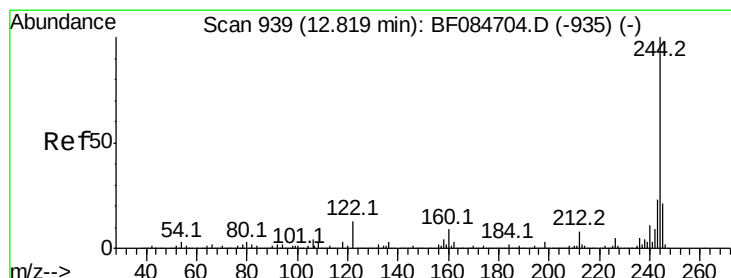
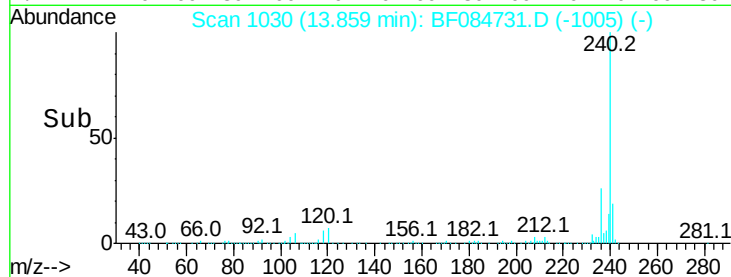
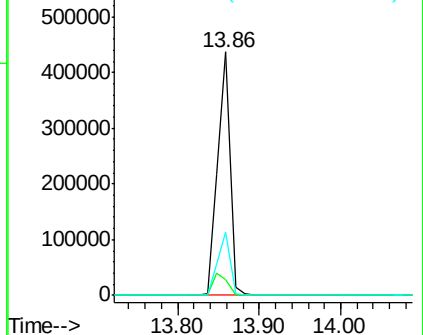
236 25.8 20.6 31.0



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: 77.23 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

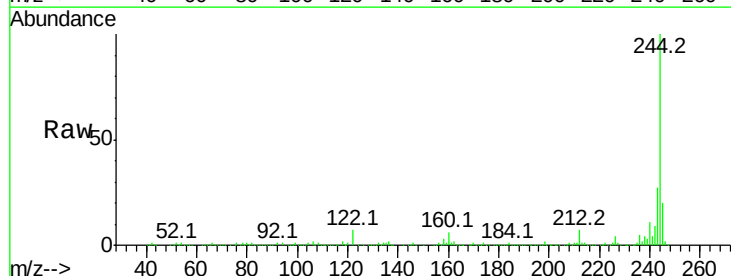
Tgt Ion:244 Resp: 1587293

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

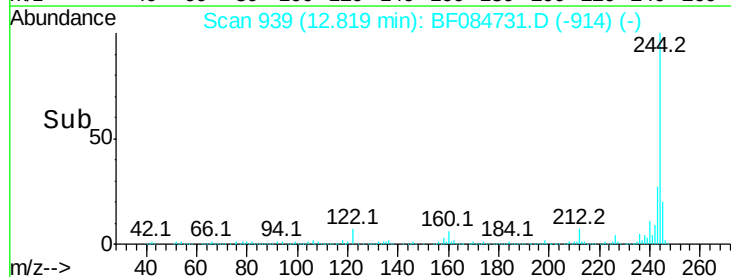
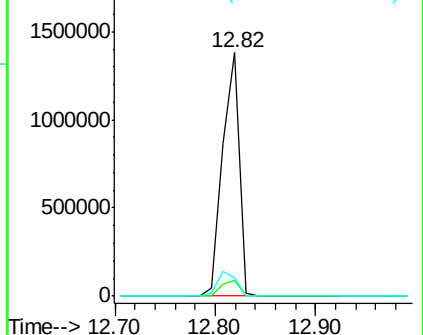
122 7.3 7.4 11.0#

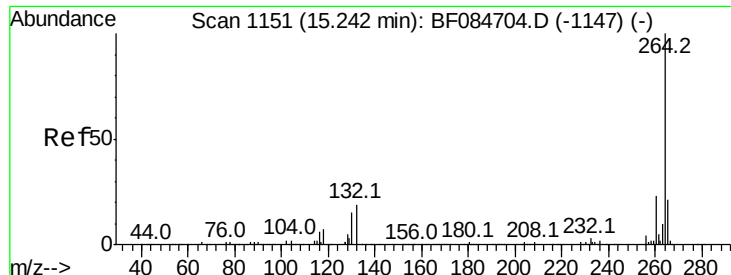


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084731.D
Acq: 2 Feb 2016 1:27

Instrument :
BNA_F
ClientSampleId :
EP002

Tot Ion:264 Resp: 328479

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.9	17.8	26.6

