

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080302.D
 Acq On : 2 Jul 2015 7:44
 Operator : TP/UM
 Sample : G2838-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7

Quant Time: Jul 02 08:38:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

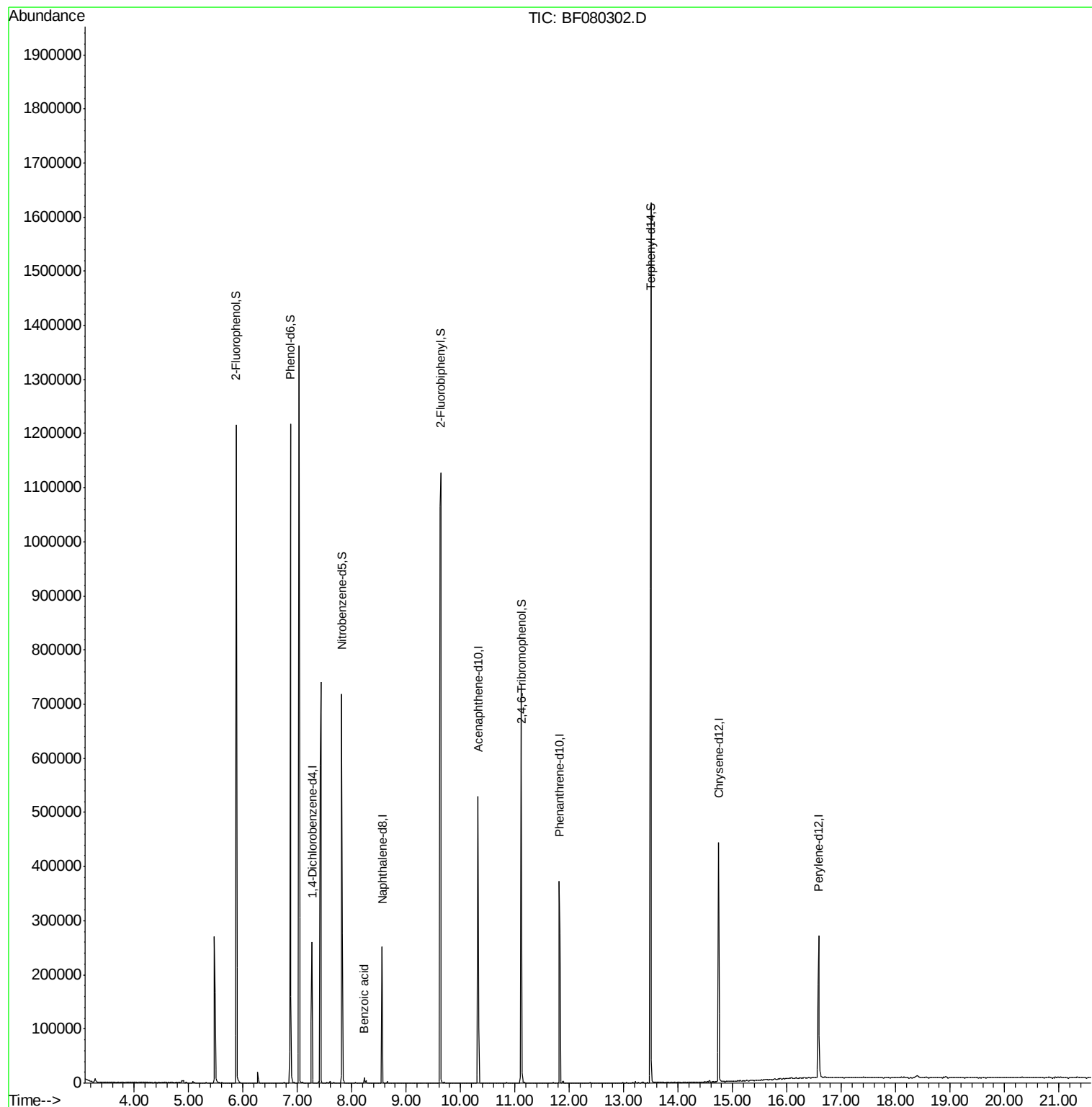
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	45382	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	171760	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	97894	20.00	ng	0.00
63) Phenanthrene-d10	11.82	188	186956	20.00	ng	-0.01
75) Chrysene-d12	14.75	240	174707	20.00	ng	0.00
86) Perylene-d12	16.59	264	153412	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	301373	115.00	ng	0.00
7) Phenol-d6	6.87	99	362460	103.03	ng	0.00
23) Nitrobenzene-d5	7.82	82	239236	76.69	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	114564	122.91	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	541535	79.62	ng	0.00
78) Terphenyl-d14	13.50	244	641039	85.95	ng	0.00
Target Compounds						
32) Benzoic acid	8.23	122	3131	5.28	ng	Qvalue 91

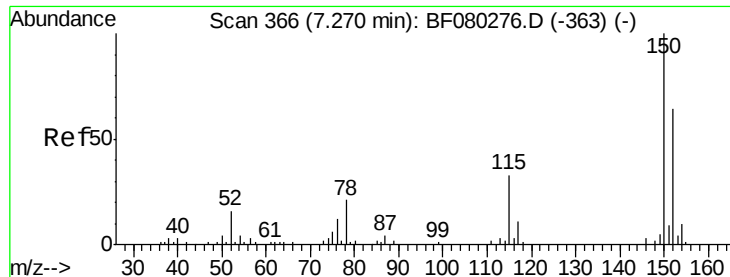
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

Instrument :

BNA_F

ClientSampleId :

TEC-B7

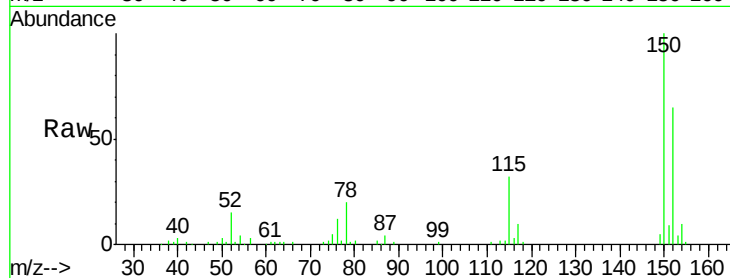
Tgt Ion:152 Resp: 45382

Ion Ratio Lower Upper

152 100

150 155.0 124.7 187.1

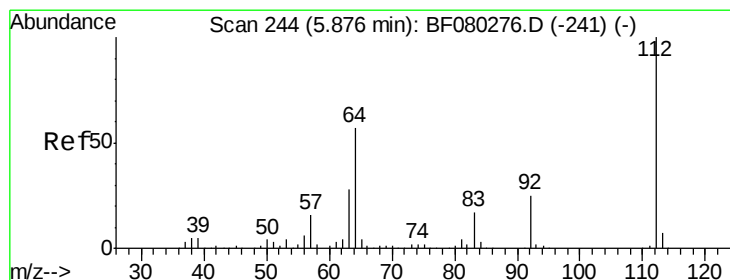
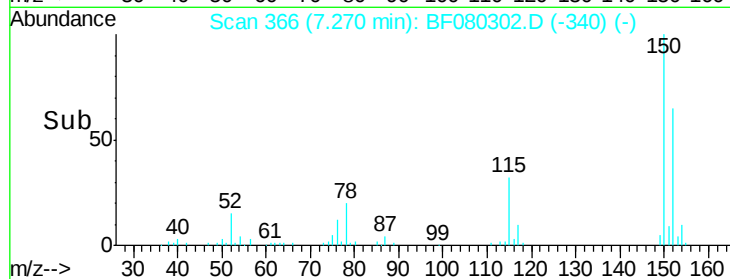
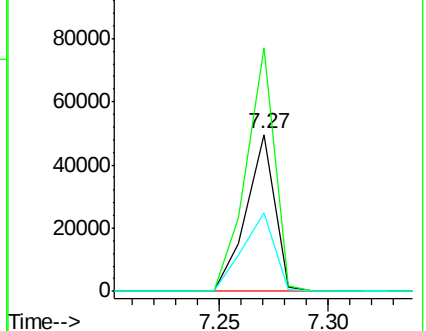
115 49.8 41.0 61.6



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: 115.00 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

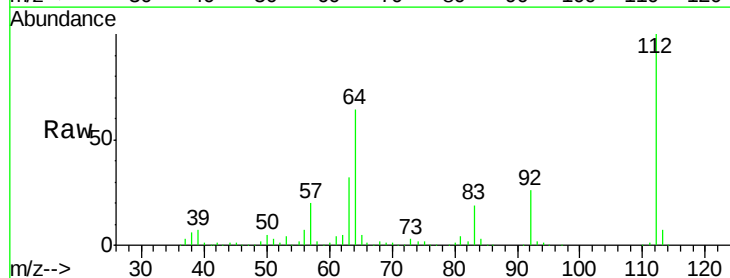
Tgt Ion:112 Resp: 301373

Ion Ratio Lower Upper

112 100

64 63.7 45.5 68.3

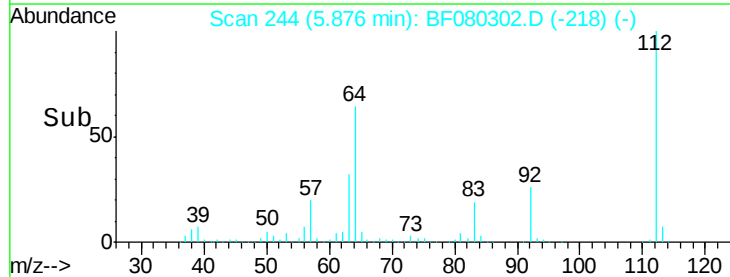
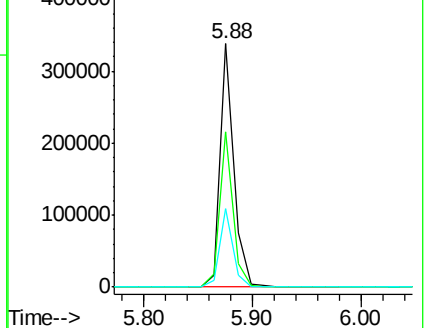
63 32.1 22.4 33.6

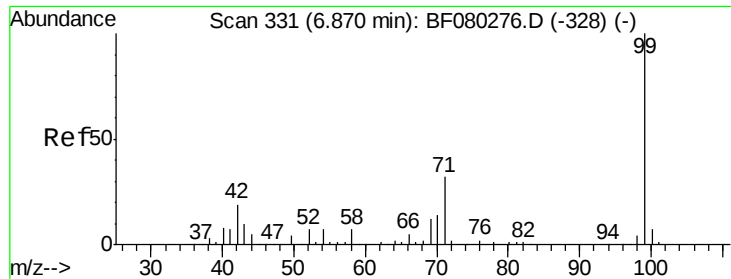


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.03 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

Instrument :

BNA_F

ClientSampleId :

TEC-B7

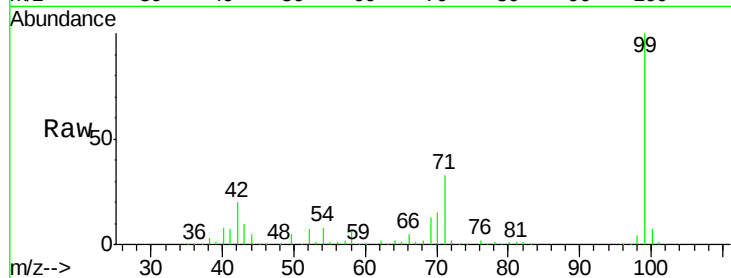
Tgt Ion: 99 Resp: 362460

Ion Ratio Lower Upper

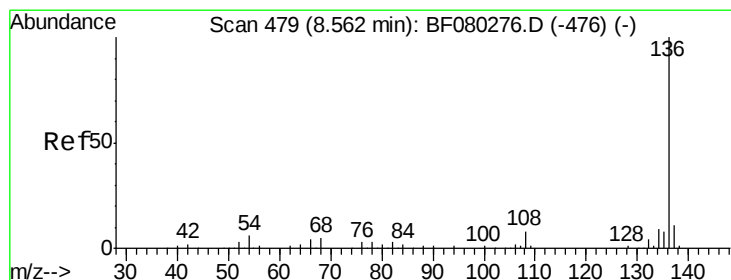
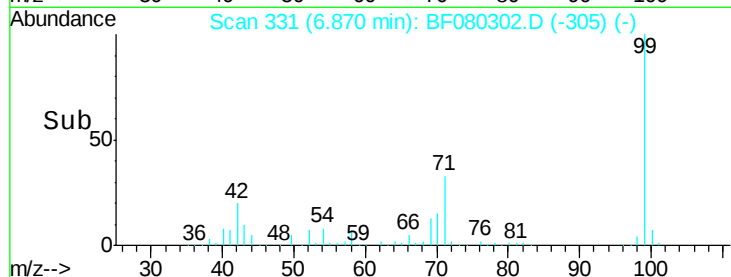
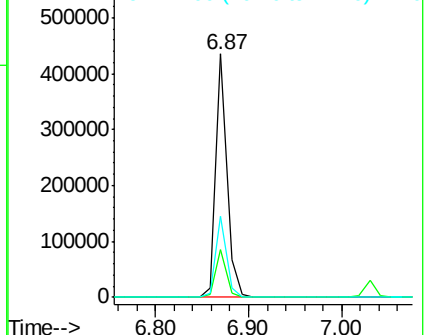
99 100

42 19.9 15.4 23.2

71 33.1 25.8 38.8



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: 20.00 ng

RT: 8.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

Tgt Ion: 136 Resp: 171760

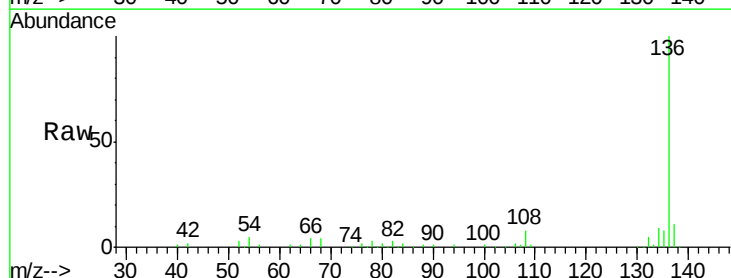
Ion Ratio Lower Upper

136 100

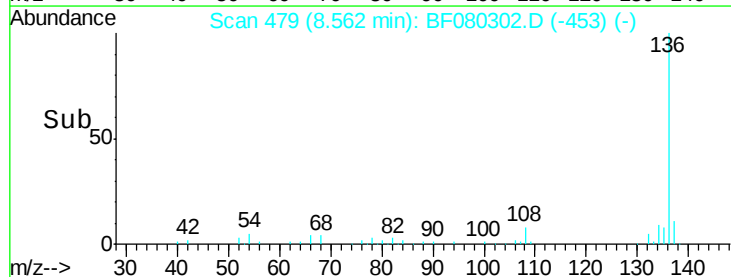
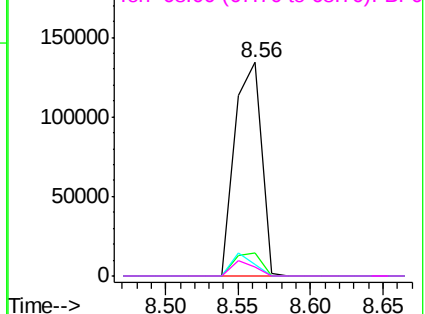
137 10.5 8.4 12.6

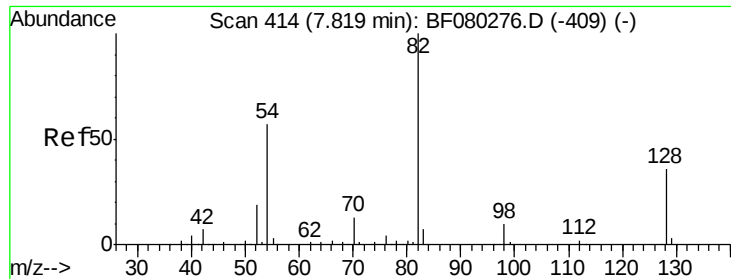
54 5.5 4.9 7.3

68 4.1 4.0 6.0



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

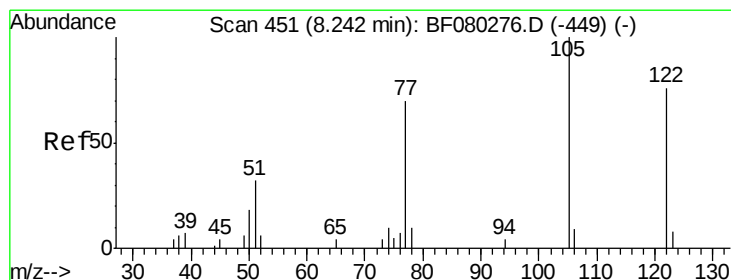
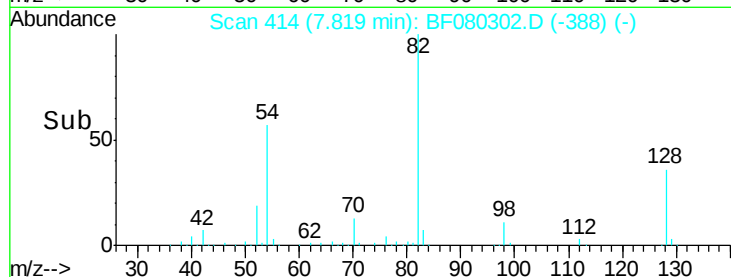
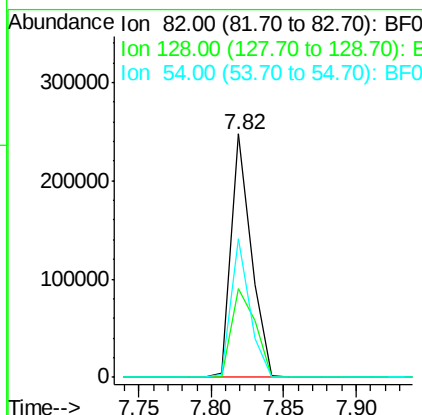
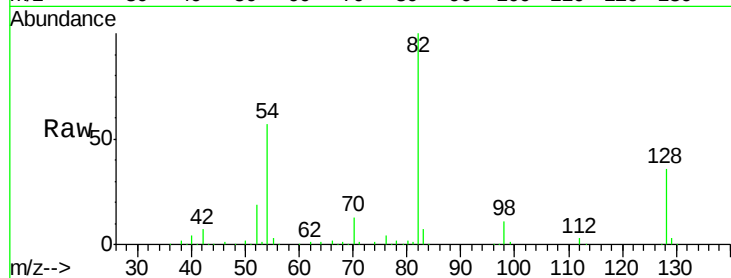




#23
 Nitrobenzene-d5
 Concen: 76.69 ng
 RT: 7.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

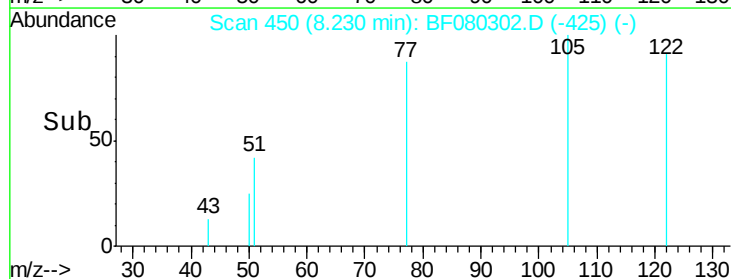
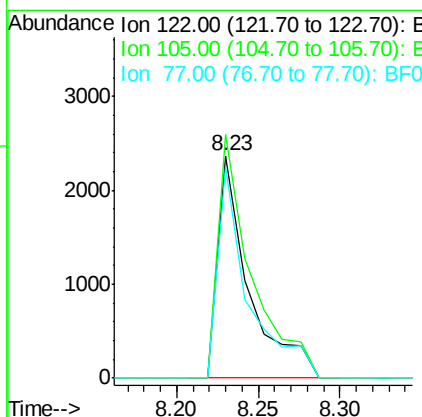
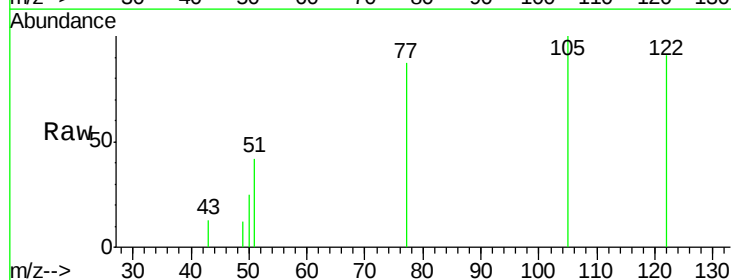
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7

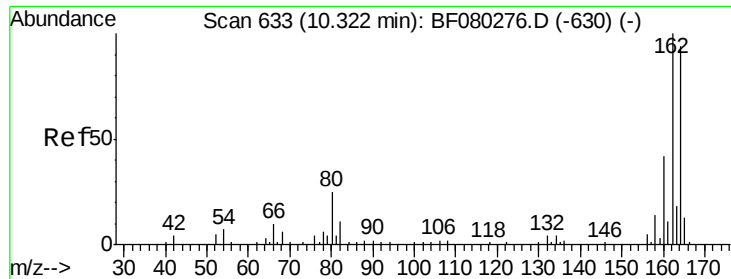
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.0	43.4
54	57.0	45.3	67.9



#32
 Benzoic acid
 Concen: 5.28 ng
 RT: 8.23 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.7	103.3	143.3
77	95.3	71.5	111.5

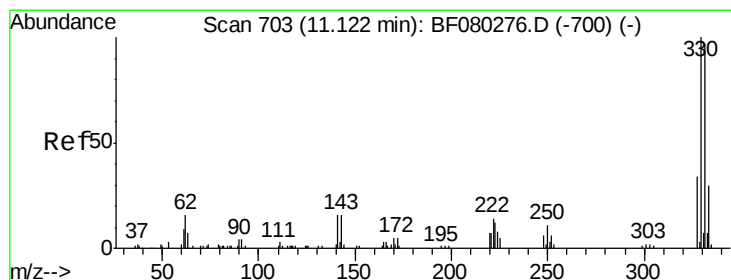
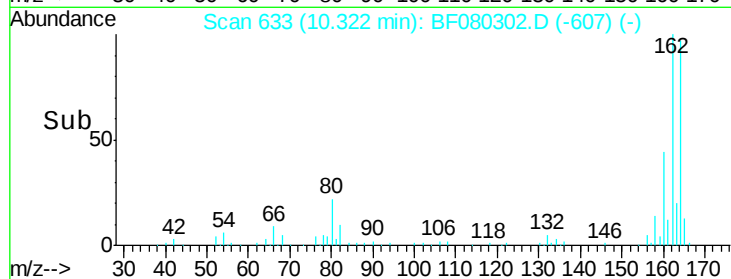
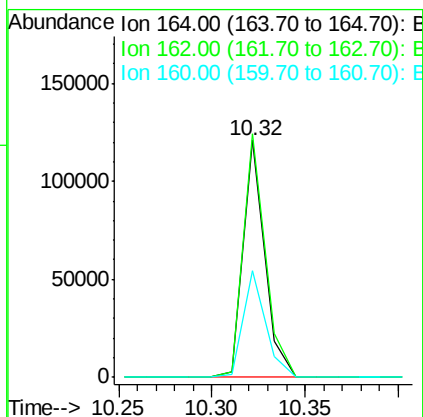
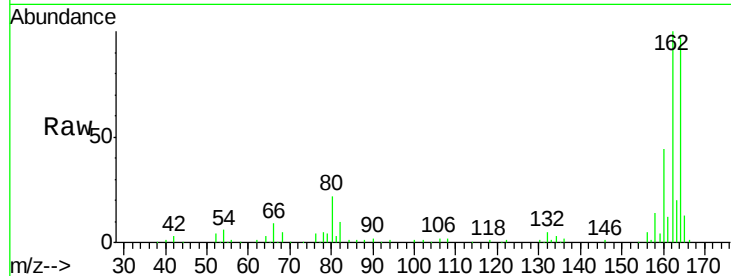




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

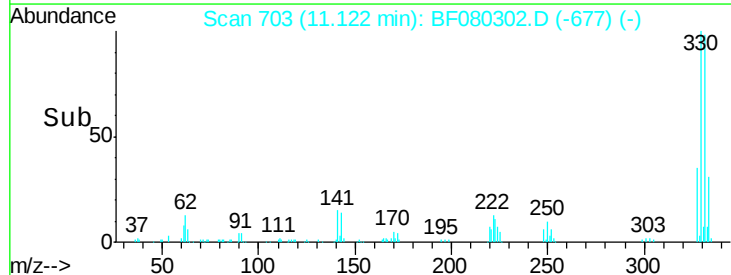
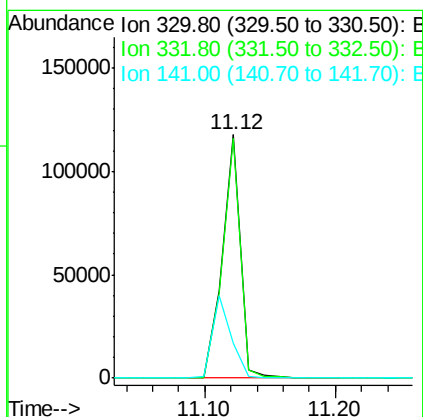
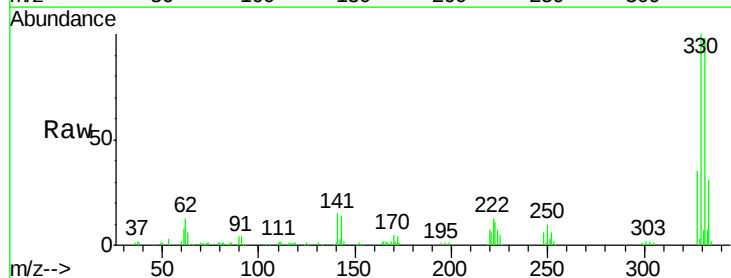
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7

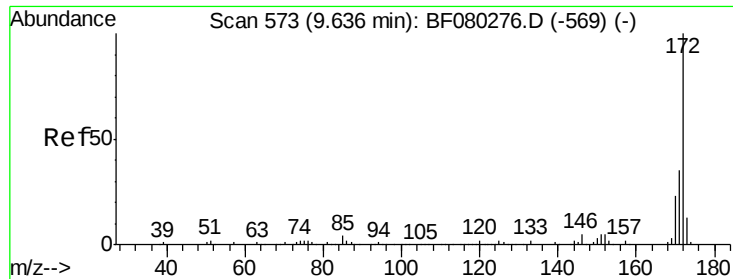
Tgt Ion:164 Resp: 97894
 Ion Ratio Lower Upper
 164 100
 162 102.7 84.8 127.2
 160 45.1 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 122.91 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

Tgt Ion:330 Resp: 114564
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 35.3 28.0 42.0

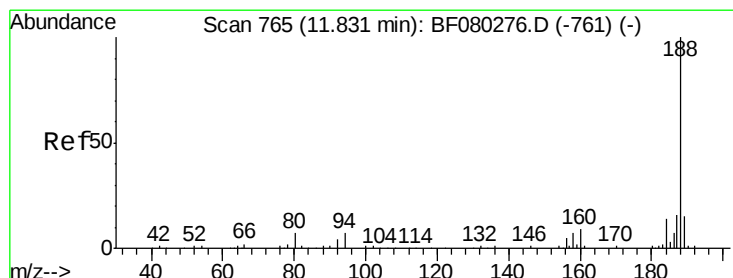
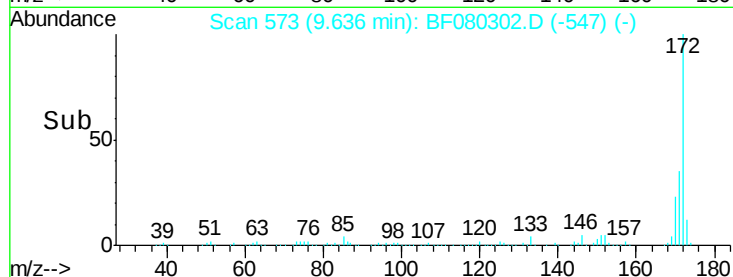
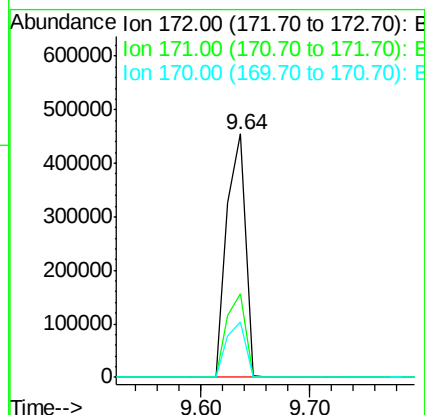
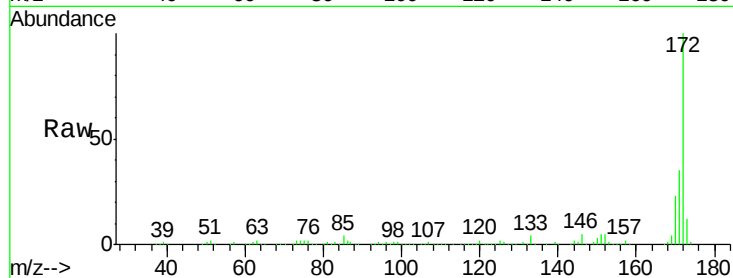




#44
 2-Fluorobiphenyl
 Concen: 79.62 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

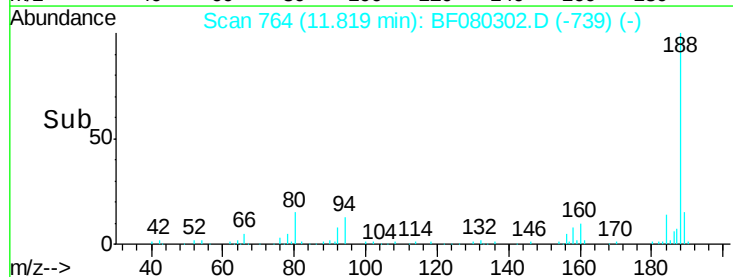
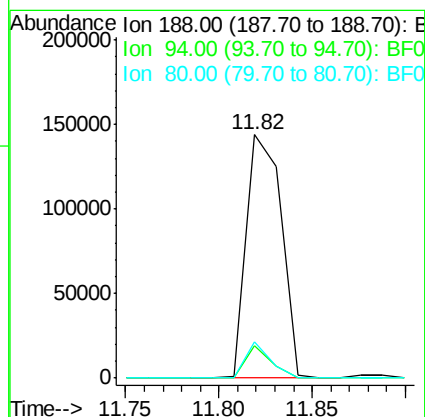
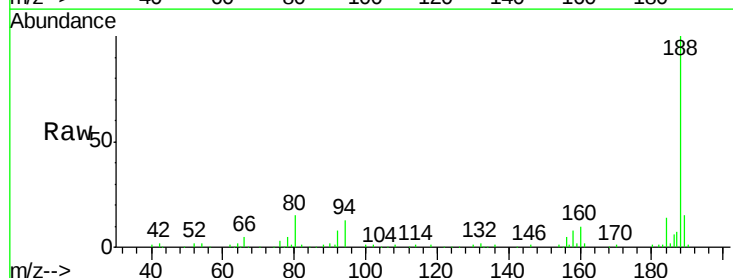
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7

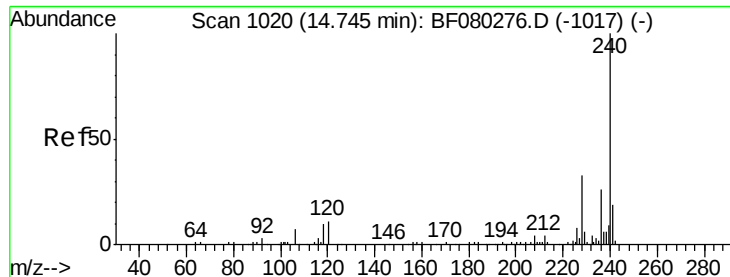
Tgt Ion:172 Resp: 541535
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.1 42.1
 170 23.0 18.6 28.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.82 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

Tgt Ion:188 Resp: 186956
 Ion Ratio Lower Upper
 188 100
 94 13.1 5.4 8.0#
 80 15.0 5.8 8.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

Instrument :

BNA_F

ClientSampleId :

TEC-B7

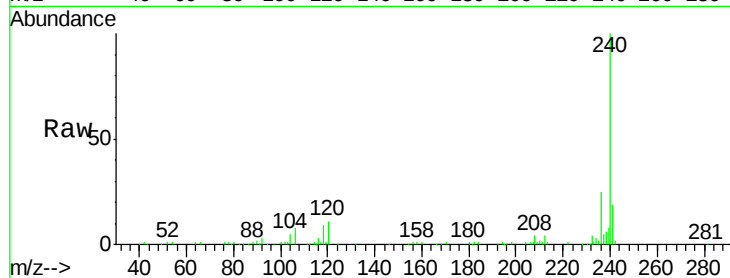
Tgt Ion:240 Resp: 174707

Ion Ratio Lower Upper

240 100

120 11.4 8.7 13.1

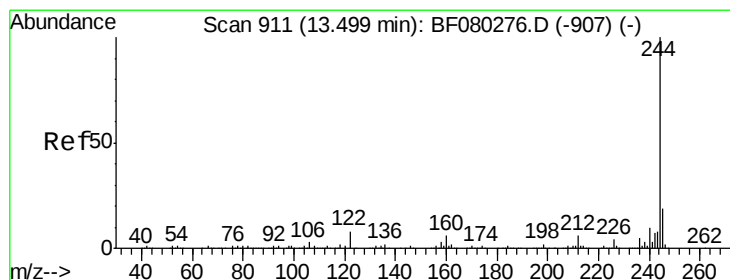
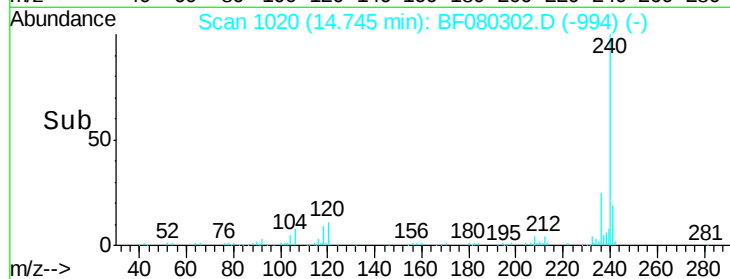
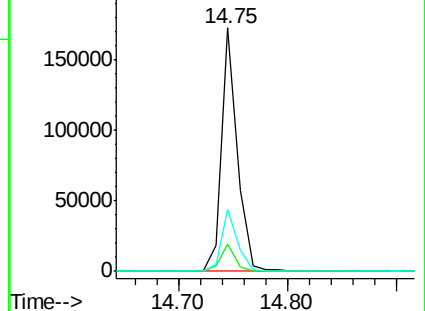
236 25.3 20.9 31.3



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: 85.95 ng

RT: 13.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

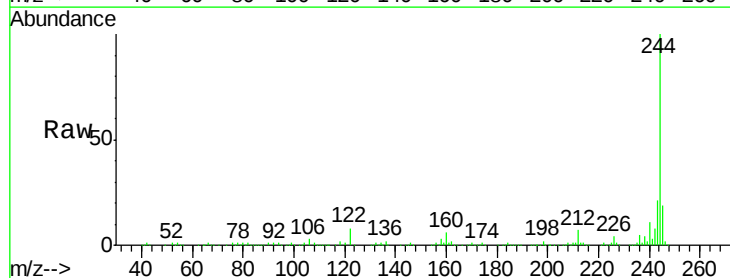
Tgt Ion:244 Resp: 641039

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.6

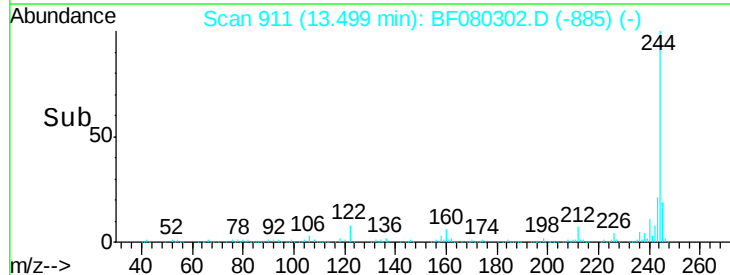
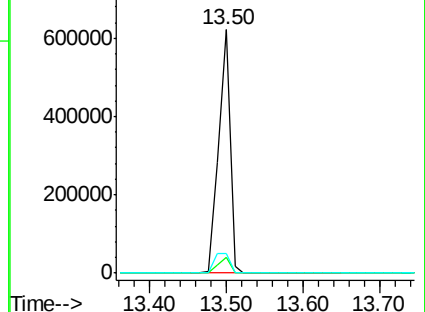
122 8.0 6.6 9.8

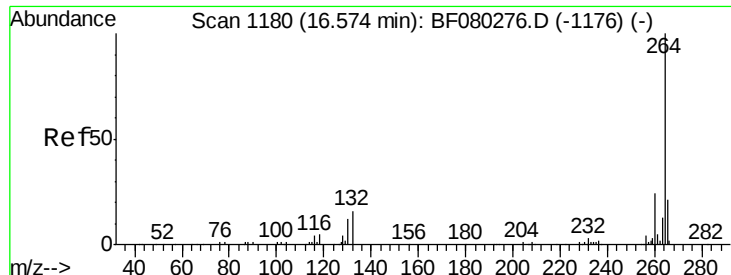


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.59 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF080302.D
Acq: 2 Jul 2015 7:44

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion: 264 Resp: 153412
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 20.8 16.9 25.3

