

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021215\
 Data File : BF077292.D
 Acq On : 12 Feb 2015 19:59
 Operator : TP/IZ
 Sample : PB81726BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BL

Quant Time: Feb 13 04:35:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

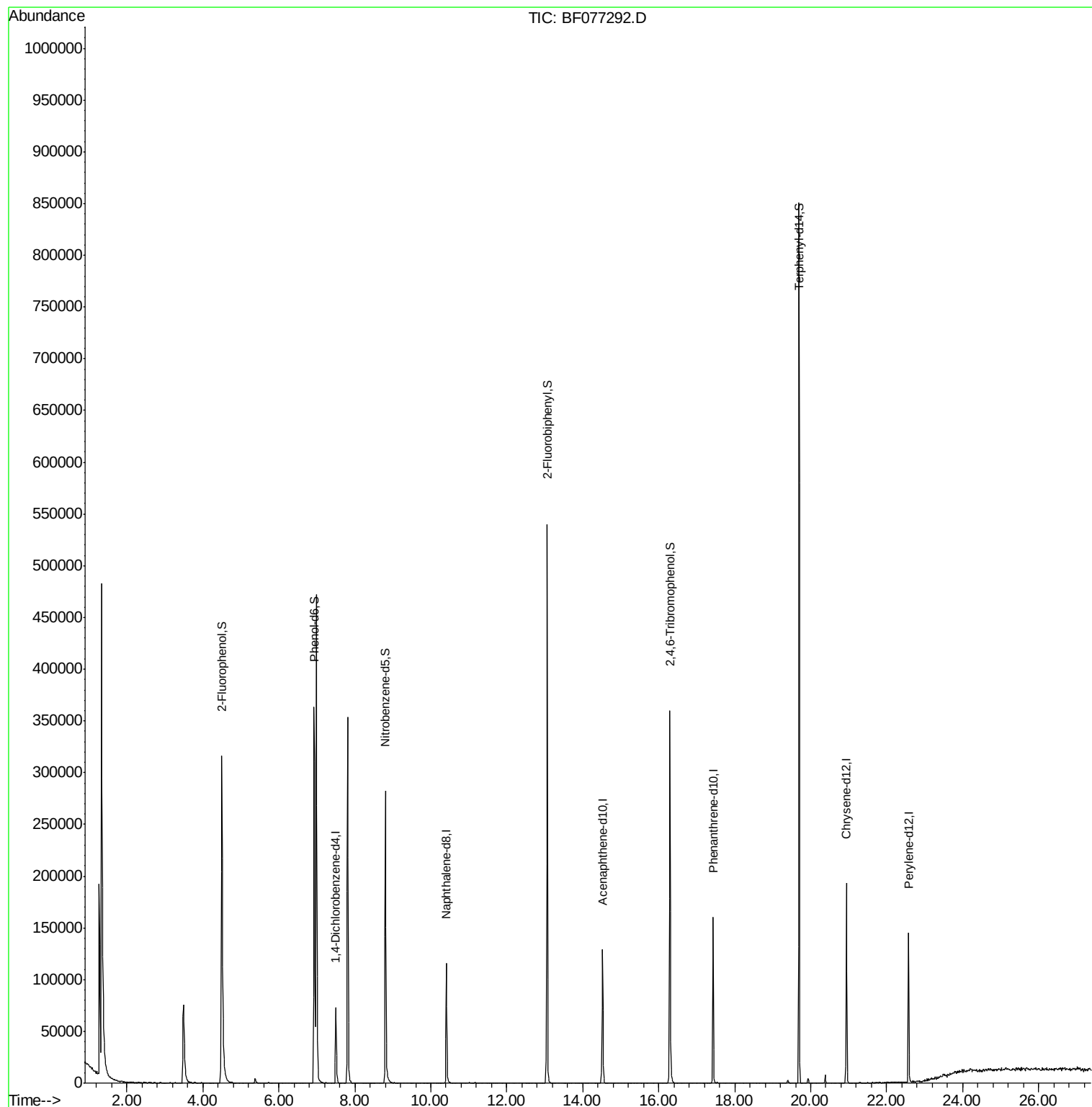
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	23622	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	96125	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	47560	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	94598	20.00	ng	0.00
75) Chrysene-d12	20.95	240	90538	20.00	ng	-0.01
86) Perylene-d12	22.58	264	83618	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	200188	131.96	ng	0.01
7) Phenol-d6	6.92	99	253931	135.82	ng	-0.01
23) Nitrobenzene-d5	8.81	82	155930	92.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	56949	146.84	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	325303	102.95	ng	-0.01
78) Terphenyl-d14	19.69	244	370903	92.02	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	1.33	42	5895	Below Cal	Qvalue #	1

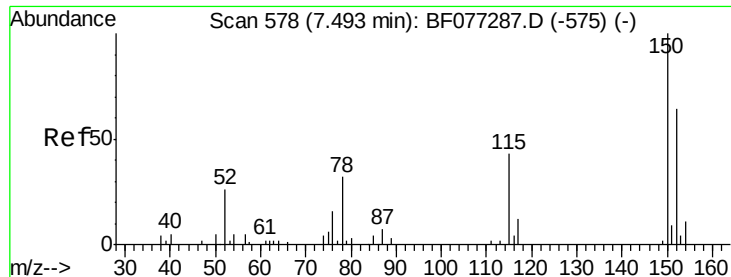
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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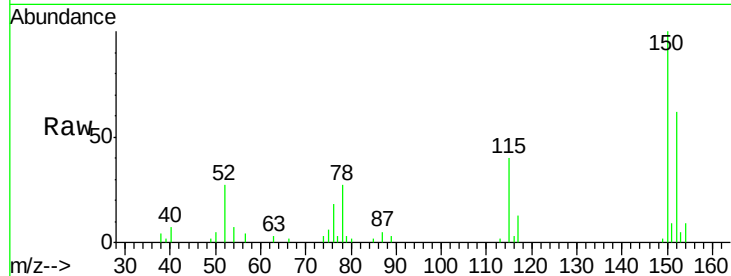


#1

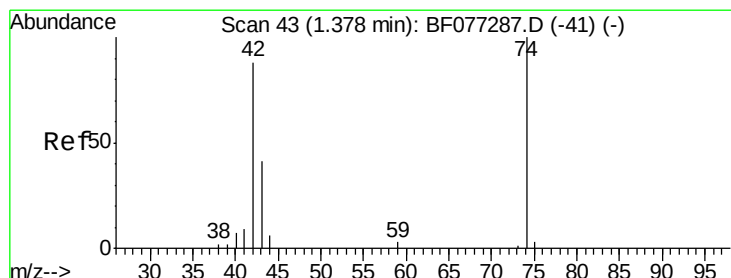
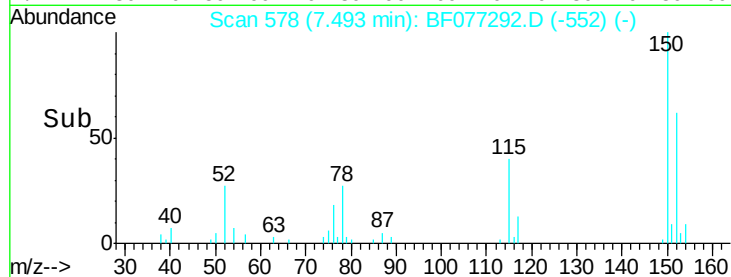
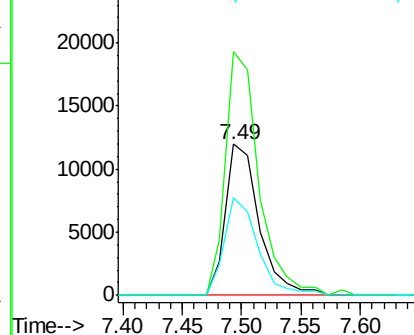
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077292.D
Acq: 12 Feb 2015 19:59

Instrument :
BNA_F
ClientSampled :
PB81726BL

Tgt Ion:152 Resp: 23622
Ion Ratio Lower Upper
152 100
150 161.4 124.9 187.3
115 64.9 54.1 81.1



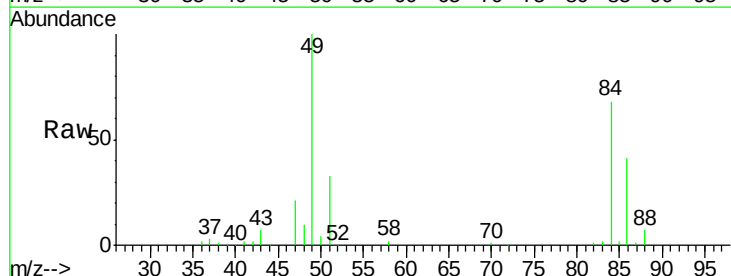
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



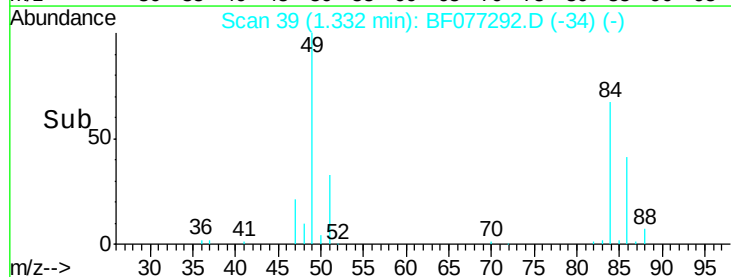
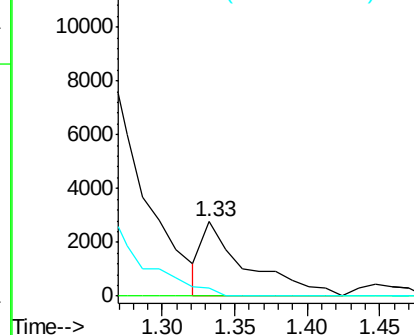
#4

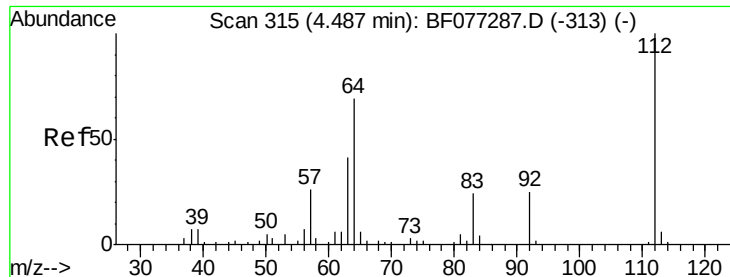
n-Nitrosodimethylamine
Concen: Below Cal
RT: 1.33 min Scan# 39
Delta R.T. -0.05 min
Lab File: BF077292.D
Acq: 12 Feb 2015 19:59

Tgt Ion: 42 Resp: 5895
Ion Ratio Lower Upper
42 100
74 0.0 90.8 136.2#
44 11.3 5.8 8.6#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.96 ng

RT: 4.50 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

Instrument :

BNA_F

ClientSampleId :

PB81726BL

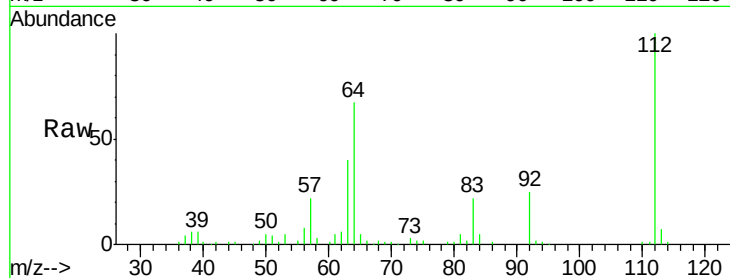
Tgt Ion: 112 Resp: 200188

Ion Ratio Lower Upper

112 100

64 67.2 55.0 82.4

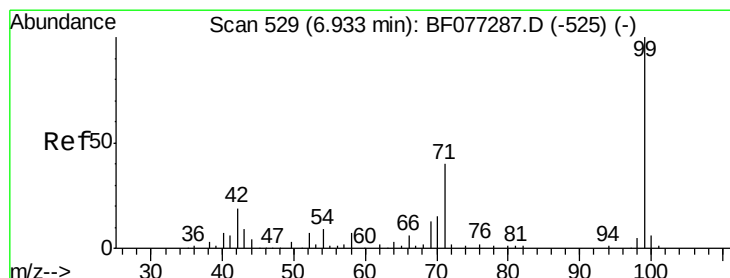
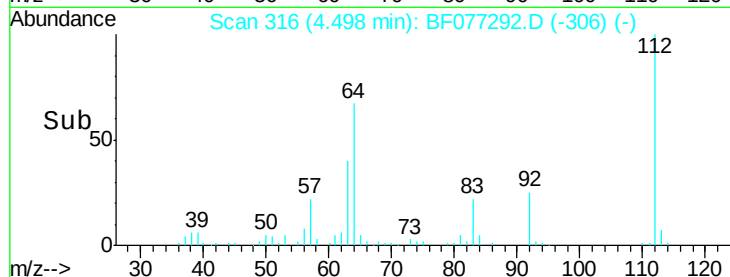
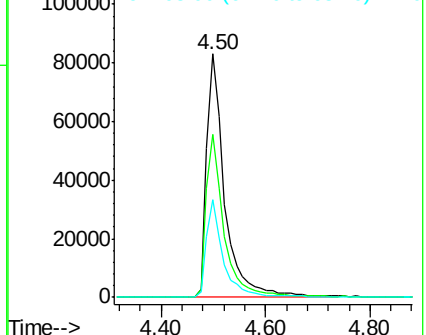
63 40.1 33.0 49.6



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: 135.82 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

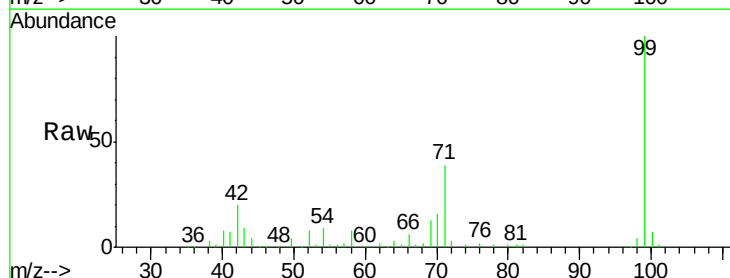
Tgt Ion: 99 Resp: 253931

Ion Ratio Lower Upper

99 100

42 20.0 15.0 22.4

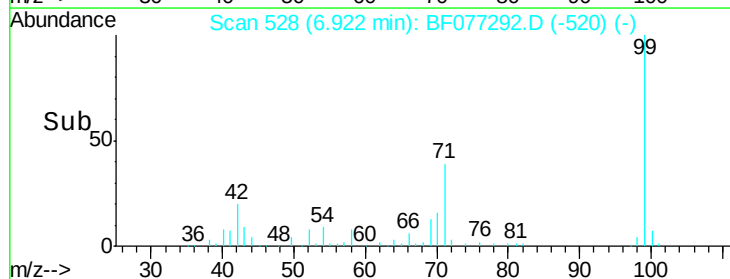
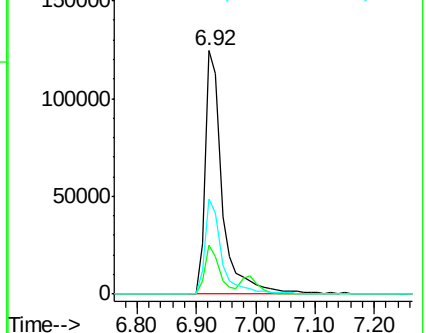
71 38.9 31.8 47.6

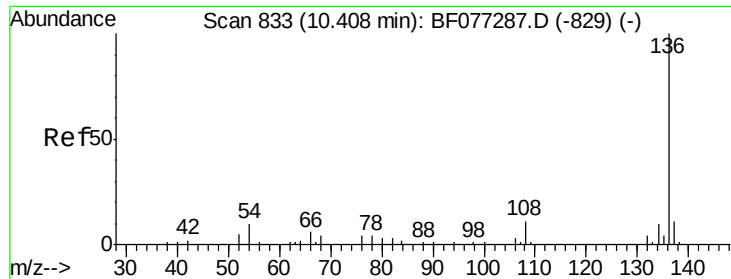


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

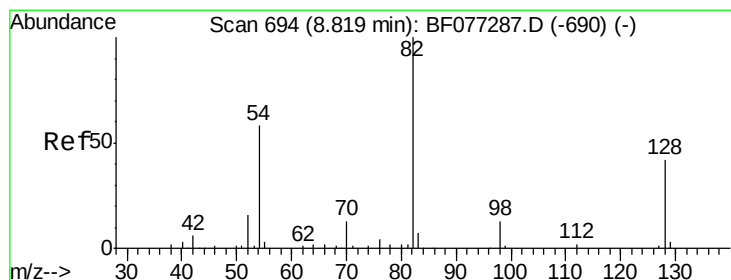
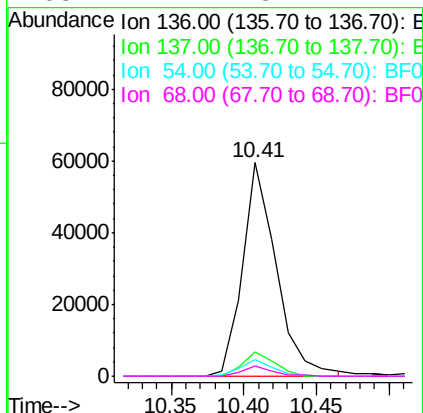
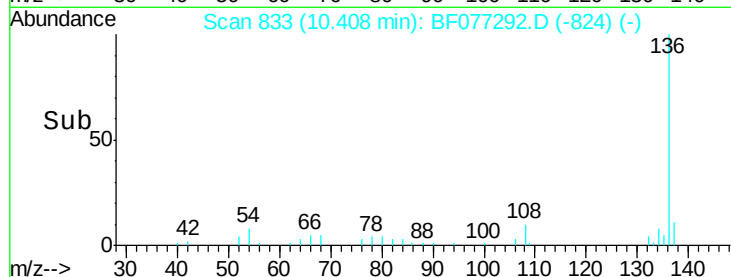
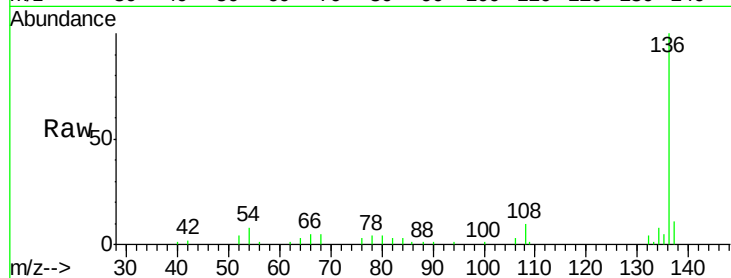




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF077292.D
Acq: 12 Feb 2015 19:59

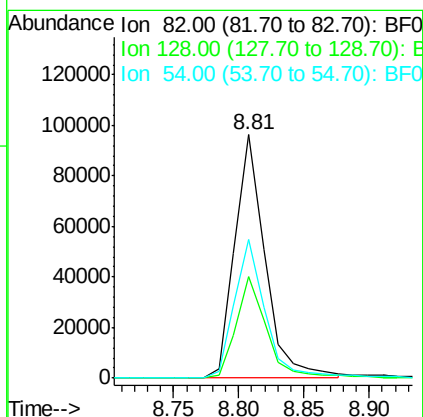
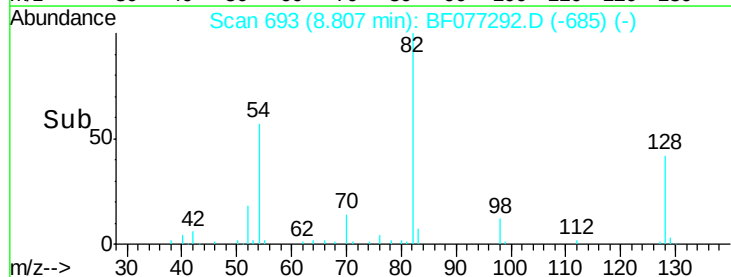
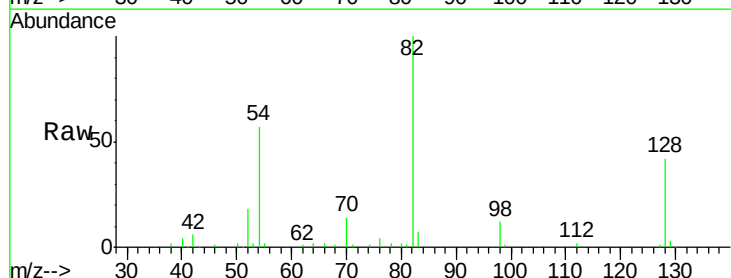
Instrument :
BNA_F
ClientSampleId :
PB81726BL

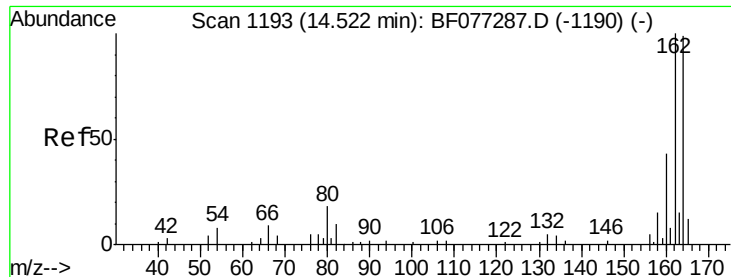
Tgt Ion:	136	Resp:	96125
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.0	8.2	12.2
68	4.7	3.1	4.7



#23
Nitrobenzene-d5
Concen: 92.66 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF077292.D
Acq: 12 Feb 2015 19:59

Tgt Ion:	82	Resp:	155930
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.6	50.4
54	57.1	46.2	69.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.52 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

Instrument :

BNA_F

ClientSampleId :

PB81726BL

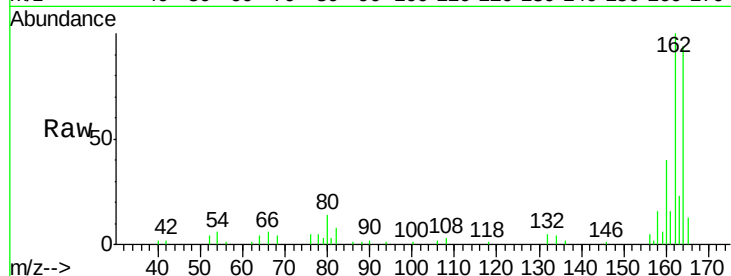
Tgt Ion:164 Resp: 47560

Ion Ratio Lower Upper

164 100

162 105.8 81.0 121.4

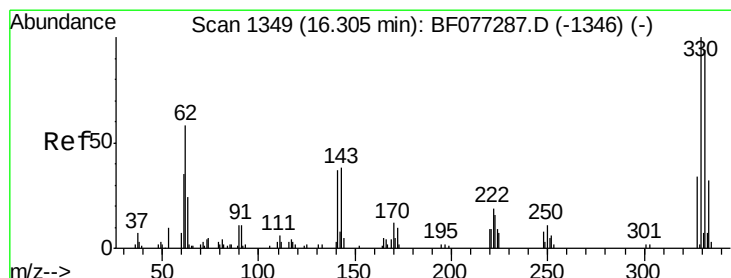
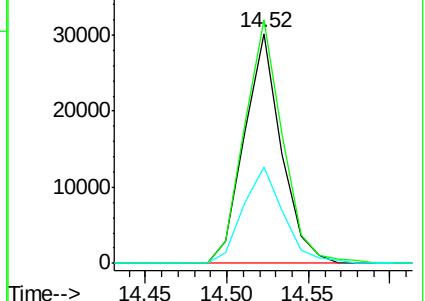
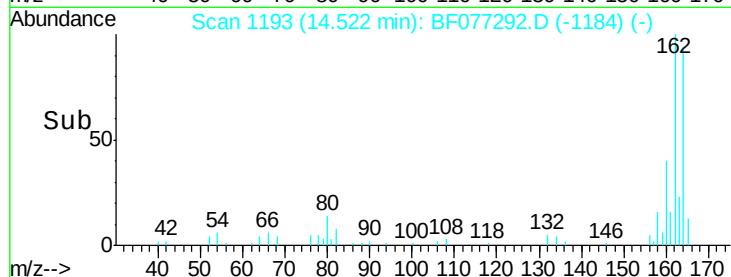
160 42.0 35.2 52.8



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: 146.84 ng

RT: 16.29 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

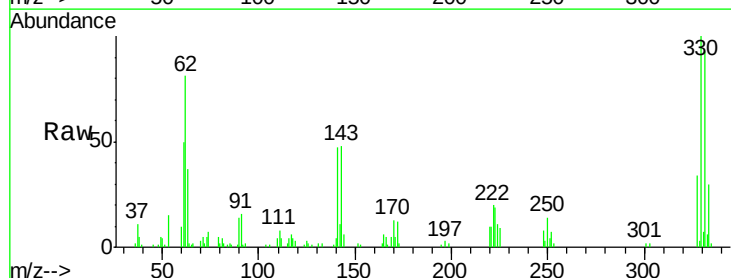
Tgt Ion:330 Resp: 56949

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

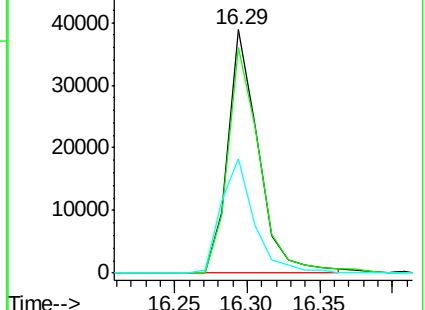
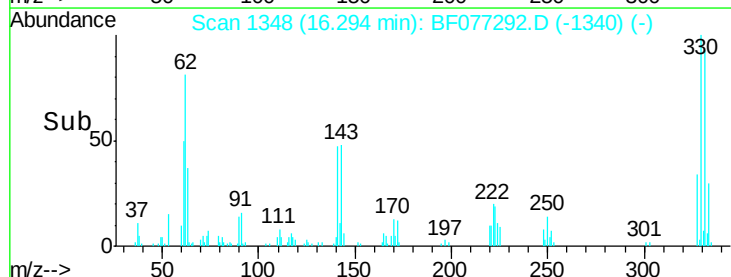
141 50.9 0.0 0.0#

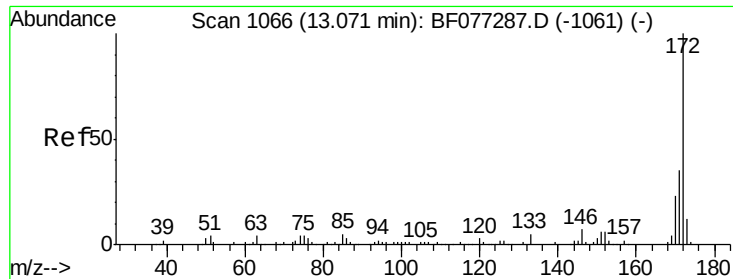


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

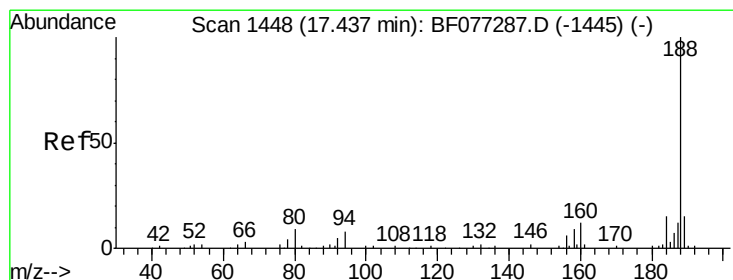
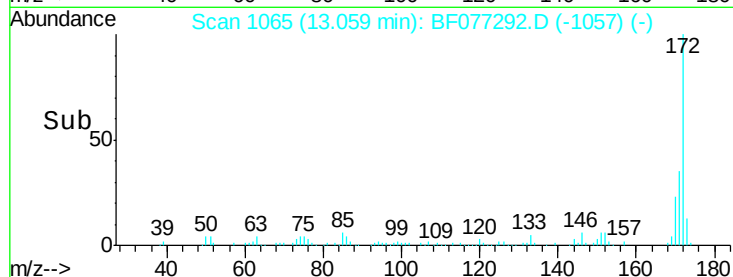
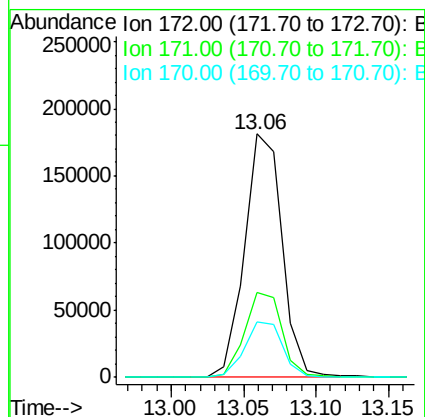
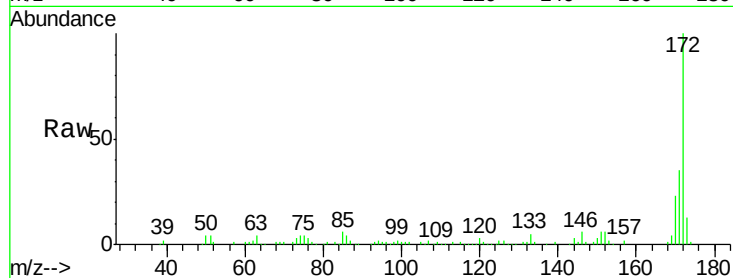




#44
 2-Fluorobiphenyl
 Concen: 102.95 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

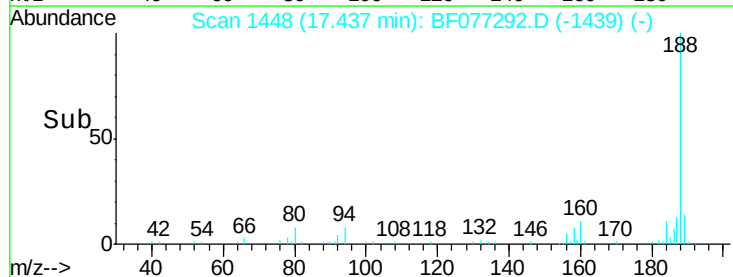
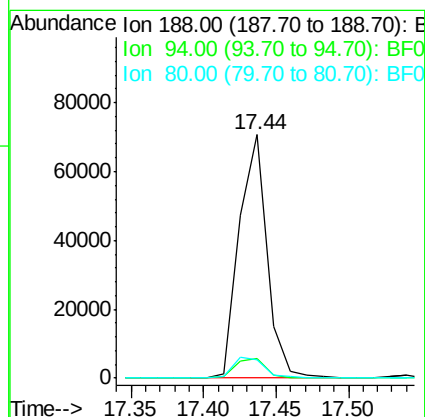
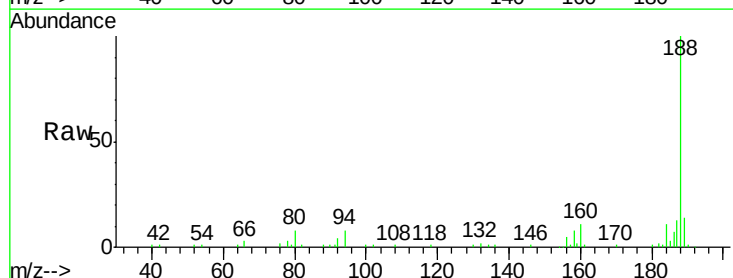
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BL

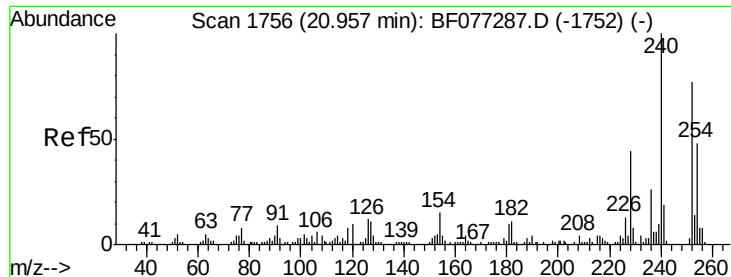
Tgt Ion:172 Resp: 325303
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.8
 170 22.7 18.3 27.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

Tgt Ion:188 Resp: 94598
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.5 9.7
 80 7.6 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.95 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

Instrument :

BNA_F

ClientSampleId :

PB81726BL

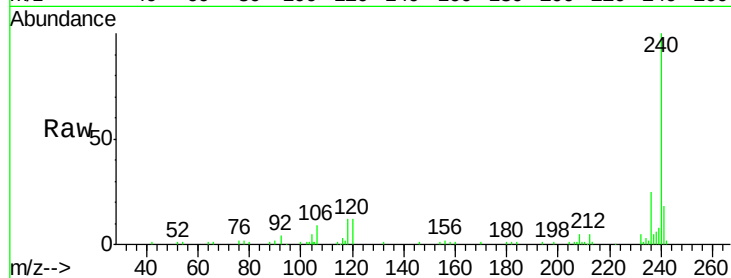
Tgt Ion:240 Resp: 90538

Ion Ratio Lower Upper

240 100

120 11.6 7.8 11.8

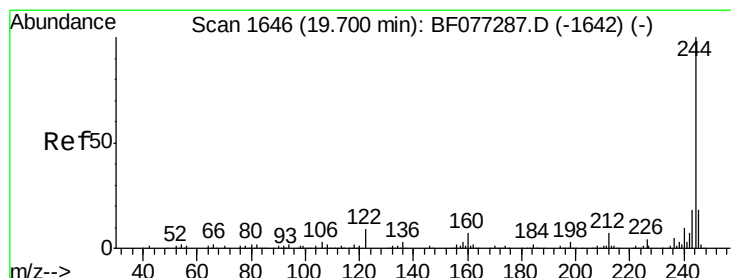
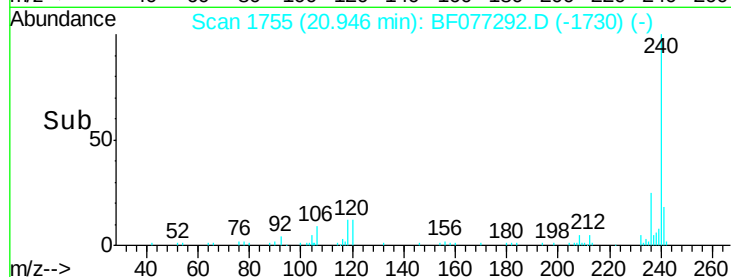
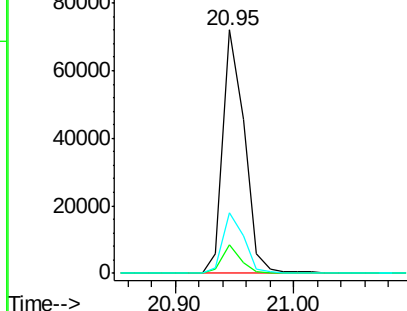
236 25.0 20.4 30.6



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: 92.02 ng

RT: 19.69 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

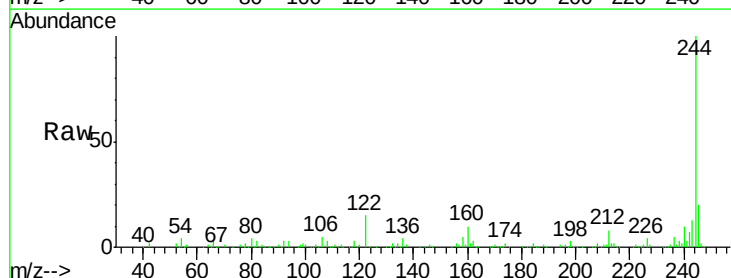
Tgt Ion:244 Resp: 370903

Ion Ratio Lower Upper

244 100

212 7.9 5.6 8.4

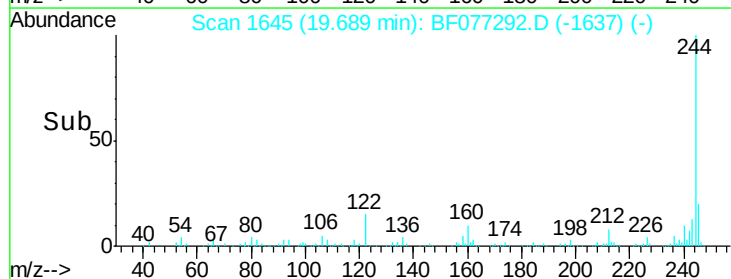
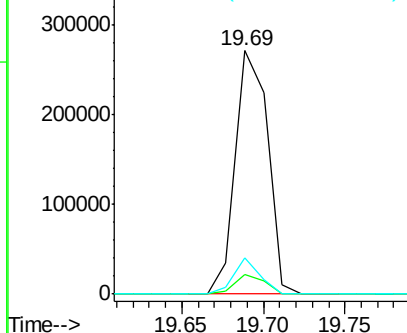
122 14.7 7.0 10.4#

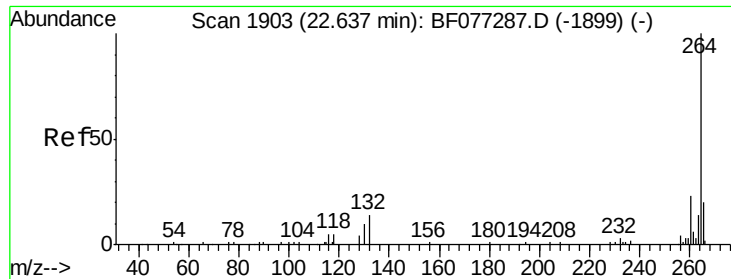


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

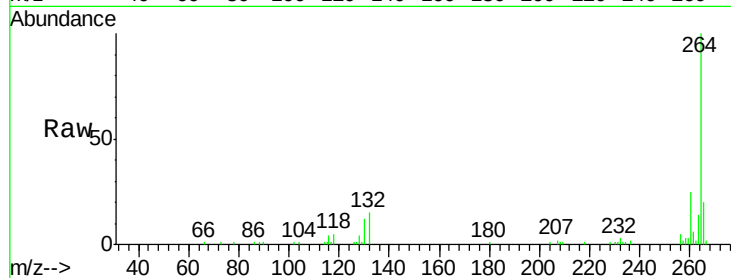




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.58 min Scan# 1898
 Delta R.T. -0.06 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	20.0	16.2	24.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

