

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077941.D
 Acq On : 25 Mar 2015 7:26
 Operator : TP/IZ
 Sample : G1615-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-2

Quant Time: Mar 25 07:14:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 04:36:48 2015
 Response via : Initial Calibration

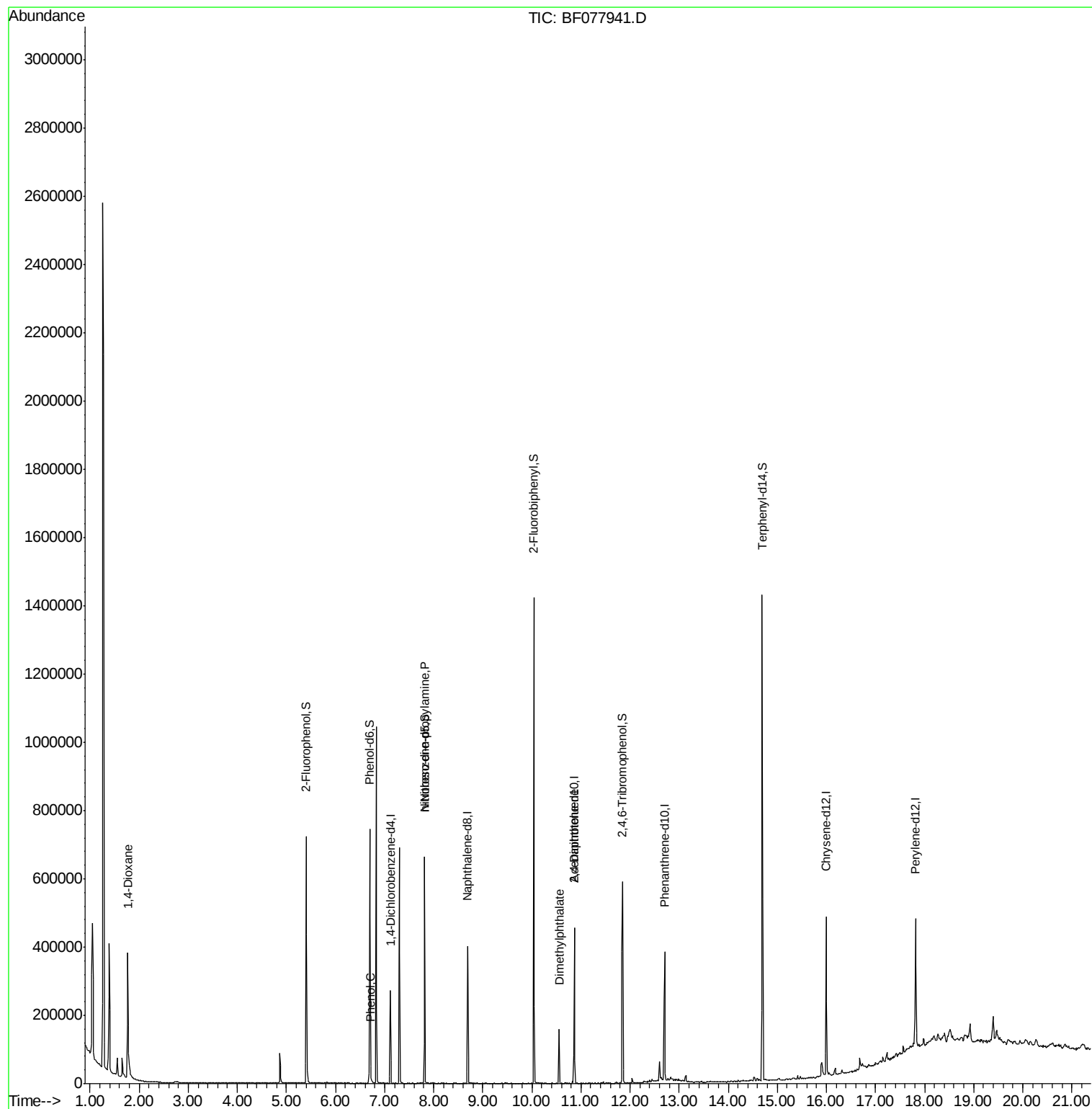
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43384	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	184879	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	92904	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	180567	20.00	ng	0.01
75) Chrysene-d12	16.00	240	194644	20.00	ng	0.01
86) Perylene-d12	17.81	264	188711	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	269015	108.24	ng	0.00
7) Phenol-d6	6.69	99	345545	112.53	ng	0.00
23) Nitrobenzene-d5	7.81	82	208276	73.85	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	86629	97.46	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	447072	70.72	ng	0.00
78) Terphenyl-d14	14.69	244	524835	65.86	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	14292	12.67	ng	# 100
10) Phenol	6.72	94	7399	2.04	ng	# 73
19) n-Nitroso-di-n-propylamine	7.81	70	26106	12.29	ng	# 80
49) Dimethylphthalate	10.56	163	102517	14.88	ng	99
56) 2,4-Dinitrotoluene	10.86	165	11789	6.33	ng	# 11

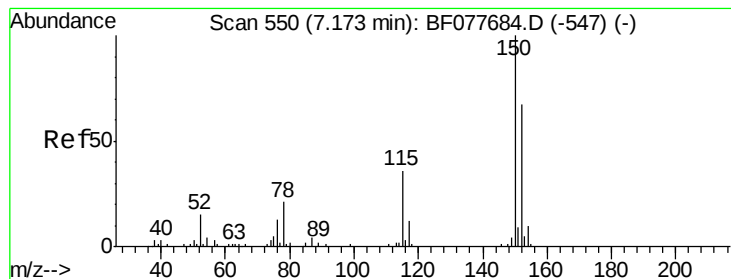
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 25 04:36:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

Instrument :

BNA_F

ClientSampleId :

SB-18-2

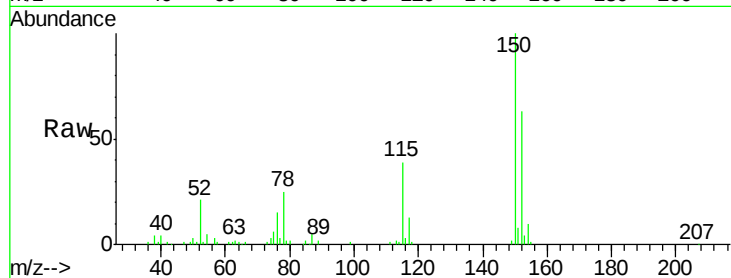
Tgt Ion:152 Resp: 43384

Ion Ratio Lower Upper

152 100

150 158.5 119.5 179.3

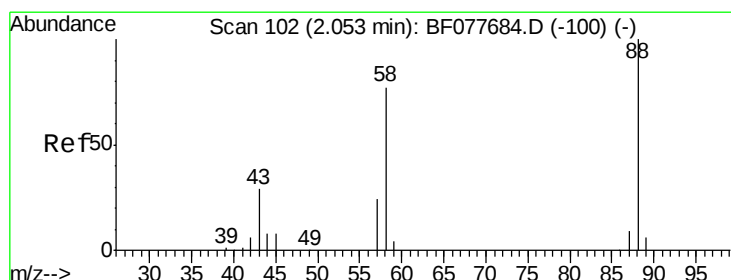
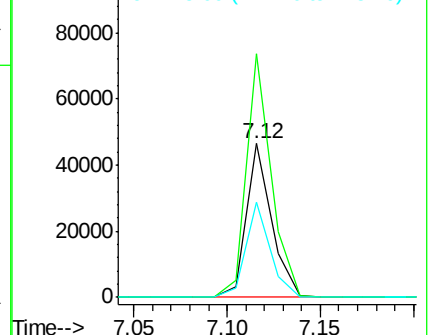
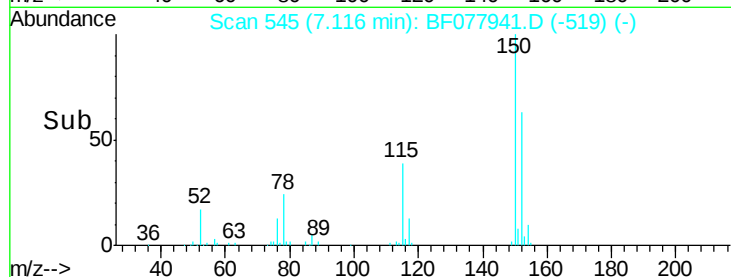
115 61.8 43.0 64.4



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



#2

1,4-Dioxane

Concen: 12.67 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.22 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

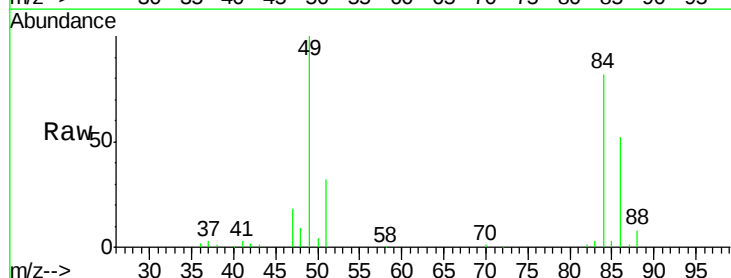
Tgt Ion: 88 Resp: 14292

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

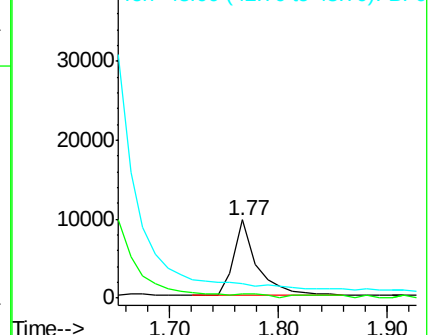
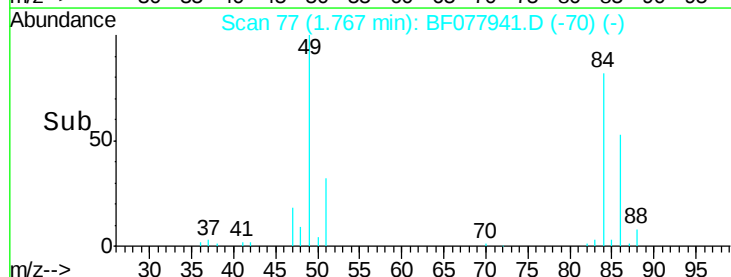
43 0.0 0.0 0.0

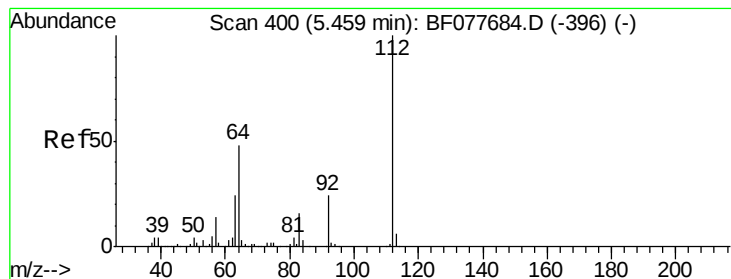


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 108.24 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

Instrument :

BNA_F

ClientSampleId :

SB-18-2

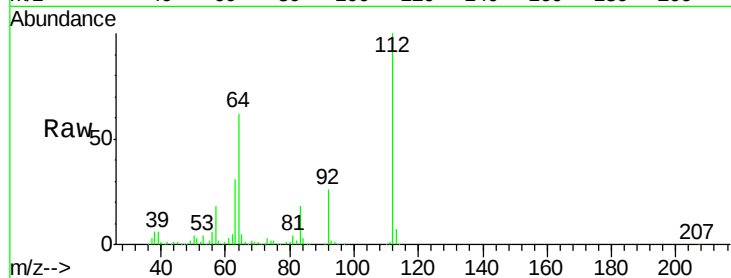
Tgt Ion: 112 Resp: 269015

Ion Ratio Lower Upper

112 100

64 61.6 38.6 57.8#

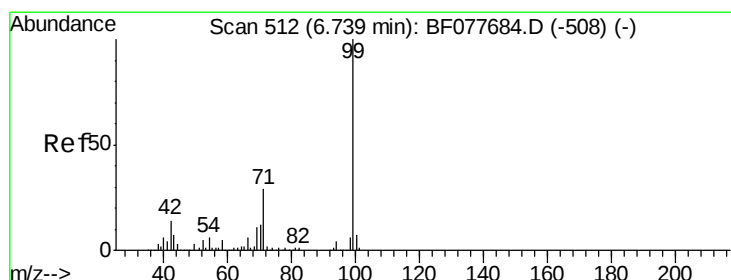
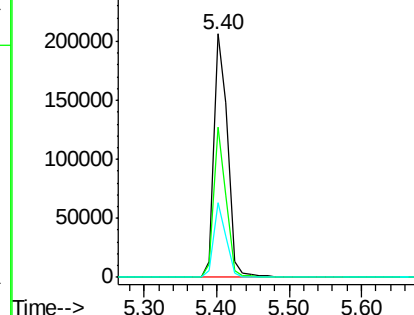
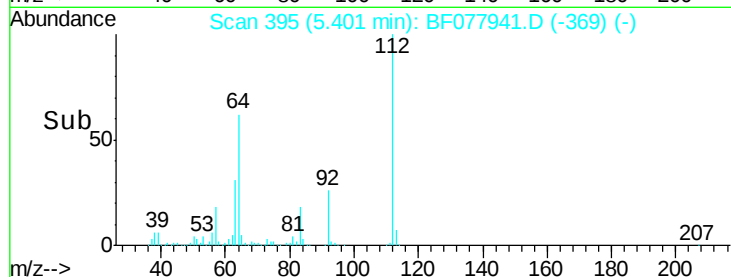
63 30.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 112.53 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

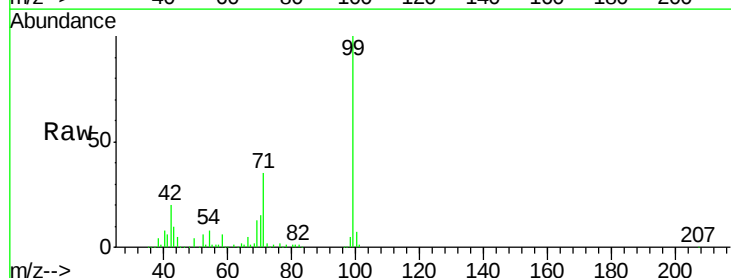
Tgt Ion: 99 Resp: 345545

Ion Ratio Lower Upper

99 100

42 19.6 11.0 16.4#

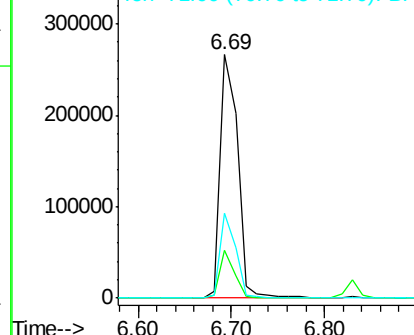
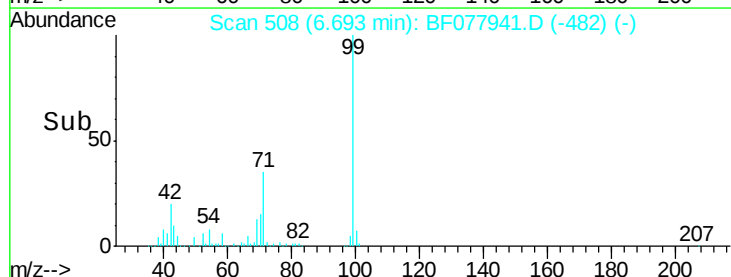
71 34.8 23.4 35.2

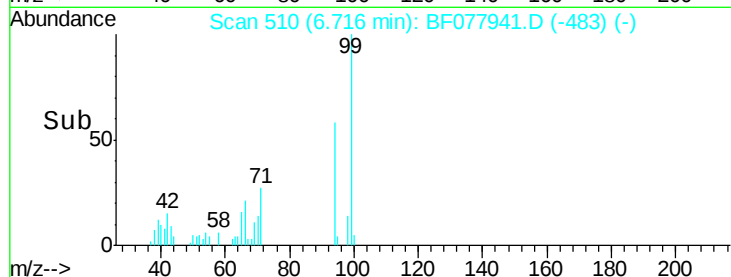
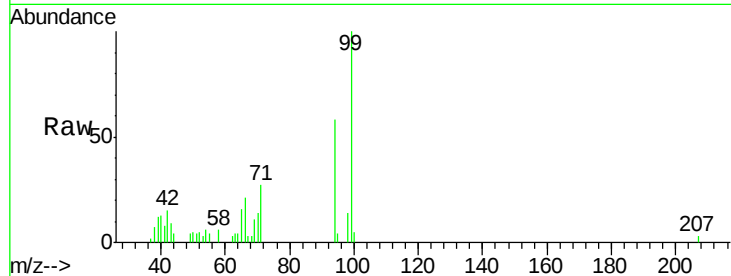
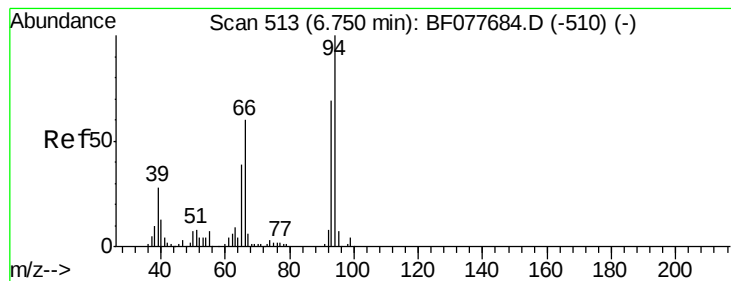


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.04 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

Instrument :

BNA_F

ClientSampleId :

SB-18-2

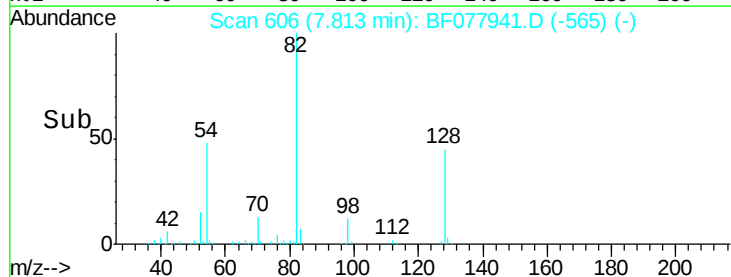
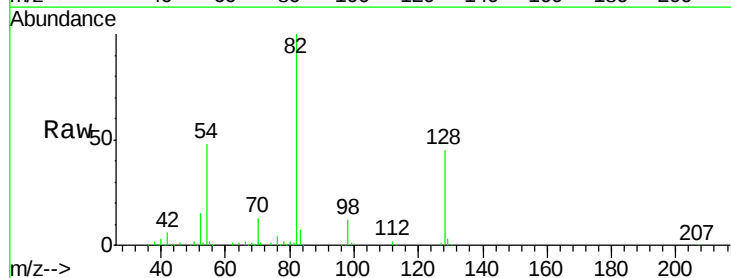
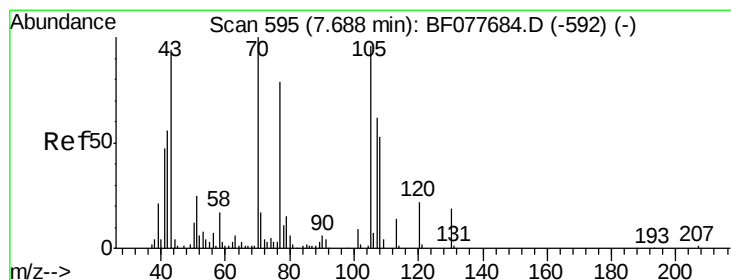
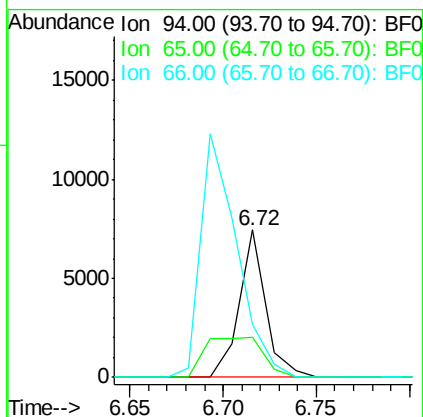
Tgt Ion: 94 Resp: 7399

Ion Ratio Lower Upper

94 100

65 27.0 18.8 58.8

66 35.4 39.9 79.9#



#19

n-Nitroso-di-n-propylamine

Concen: 12.29 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

Tgt Ion: 70 Resp: 26106

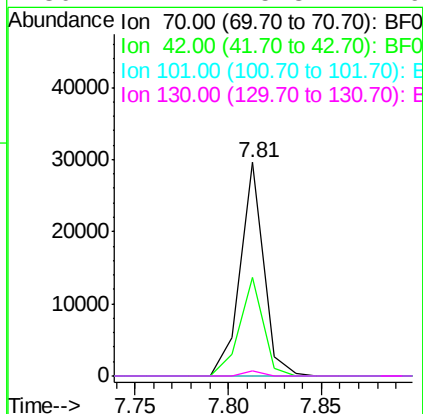
Ion Ratio Lower Upper

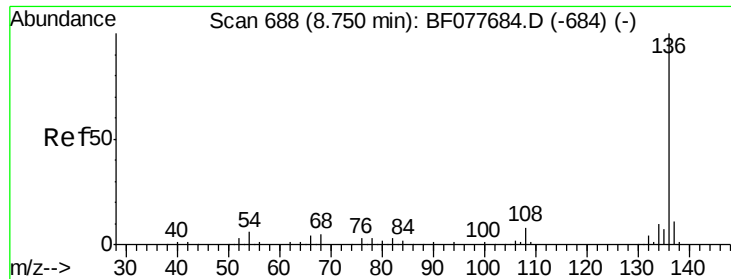
70 100

42 46.2 44.5 66.7

101 0.0 7.4 11.2#

130 2.2 15.3 22.9#

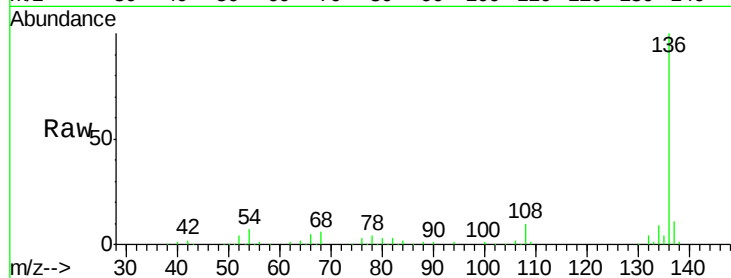




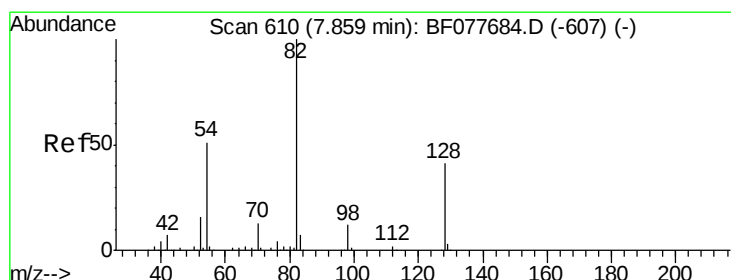
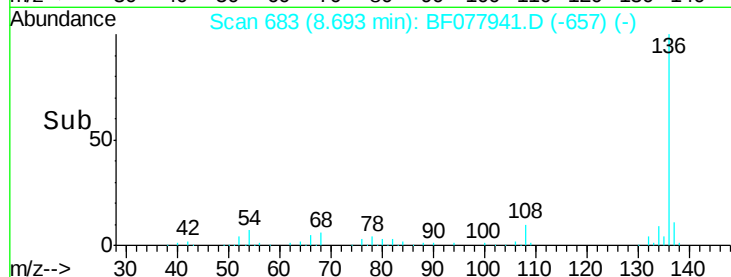
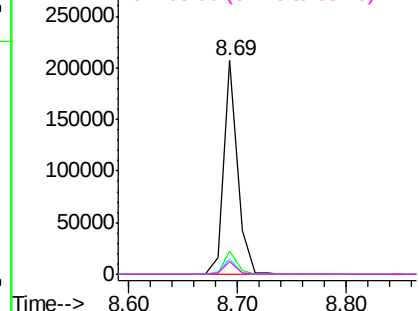
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077941.D
Acq: 25 Mar 2015 7:26

Instrument :
BNA_F
ClientSampleId :
SB-18-2

Tgt Ion:	136	Resp:	184879
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.0	4.6	6.8#
68	6.0	3.7	5.5#

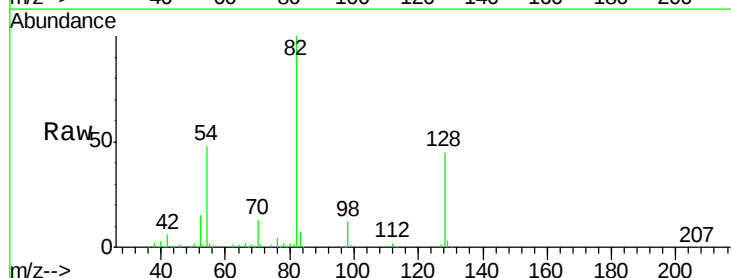


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

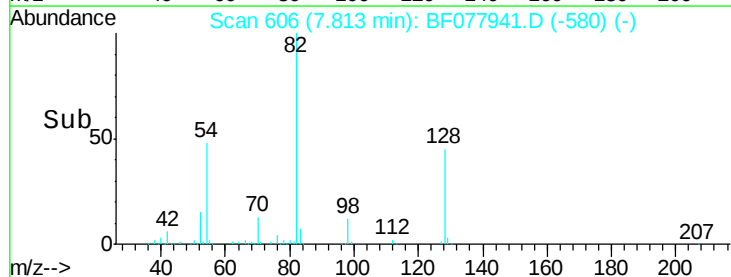
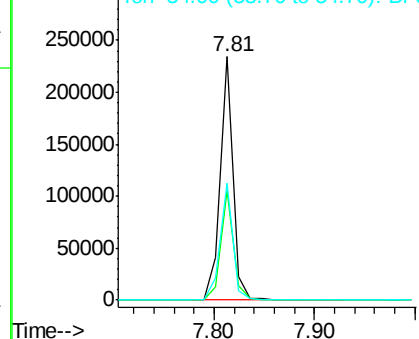


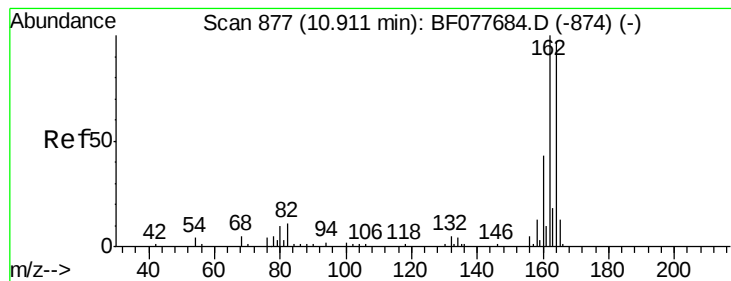
#23
Nitrobenzene-d5
Concen: 73.85 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077941.D
Acq: 25 Mar 2015 7:26

Tgt Ion:	82	Resp:	208276
Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.8	49.2
54	47.8	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

Instrument :

BNA_F

ClientSampleId :

SB-18-2

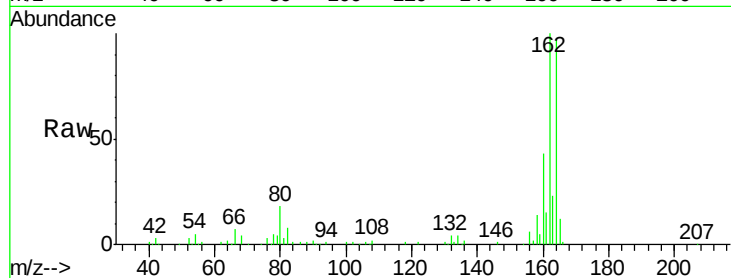
Tgt Ion:164 Resp: 92904

Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

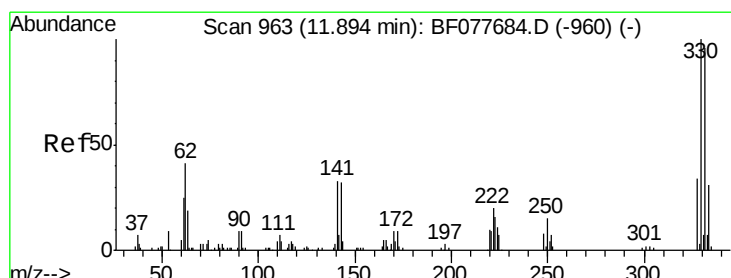
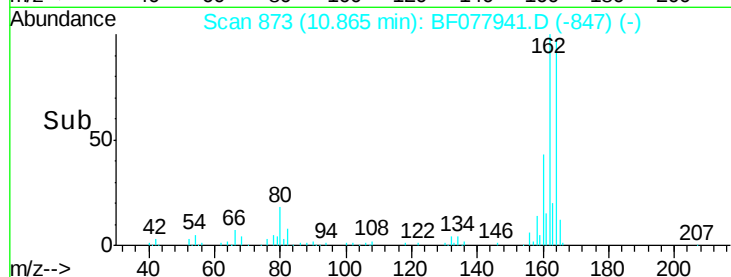
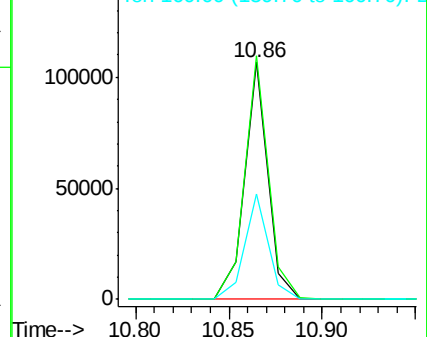
160 44.3 35.8 53.6



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: 97.46 ng

RT: 11.85 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

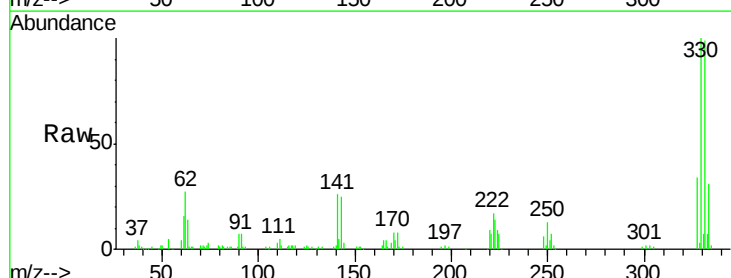
Tgt Ion:330 Resp: 86629

Ion Ratio Lower Upper

330 100

332 99.2 0.0 0.0#

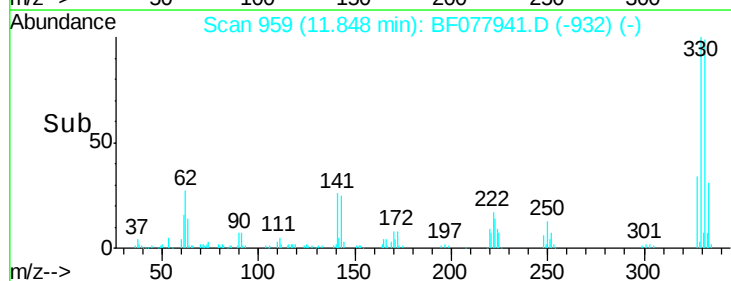
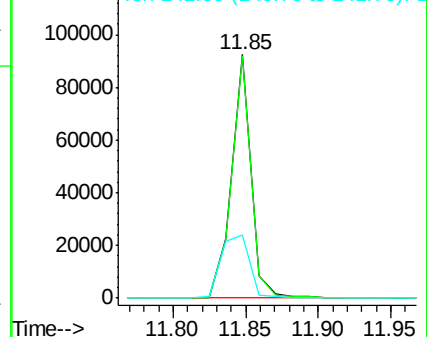
141 38.1 0.0 0.0#

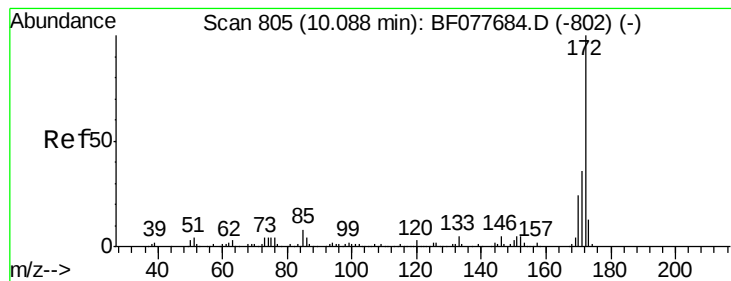


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

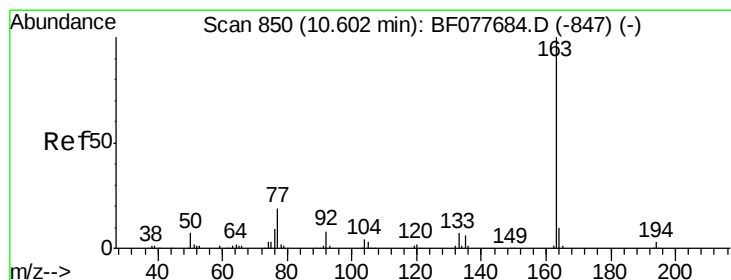
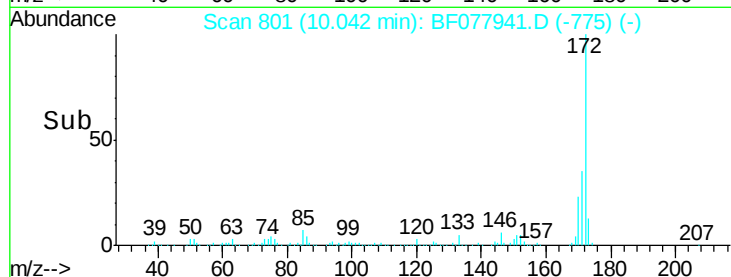
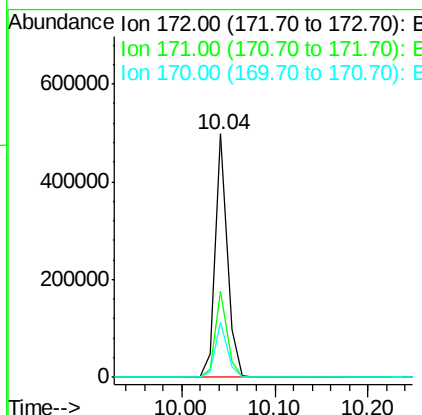
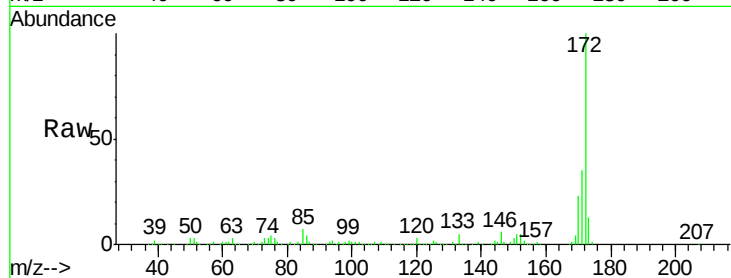




#44
 2-Fluorobiphenyl
 Concen: 70.72 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077941.D
 Acq: 25 Mar 2015 7:26

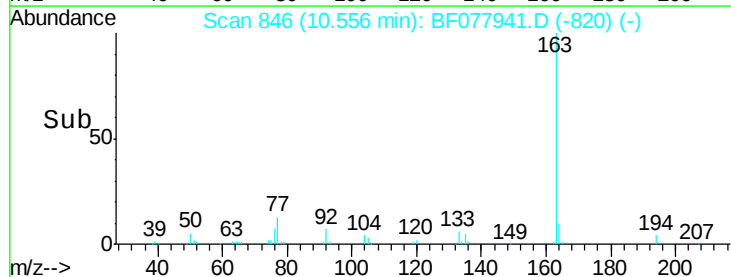
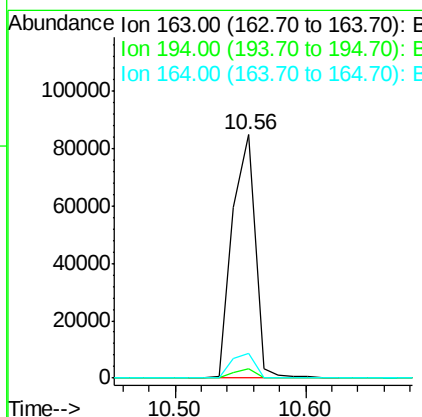
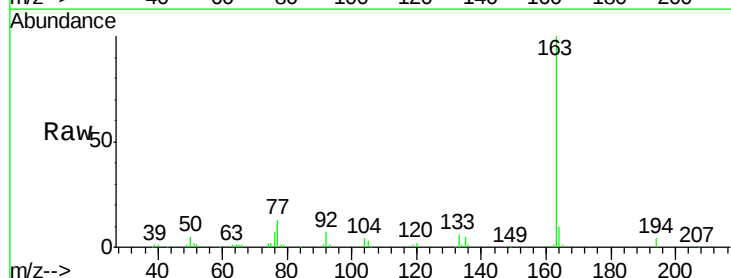
Instrument :
 BNA_F
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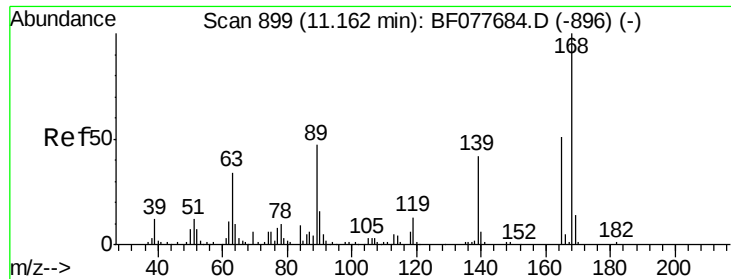
Tgt Ion:172 Resp: 447072
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.0 18.8 28.2



#49
 Dimethylphthalate
 Concen: 14.88 ng
 RT: 10.56 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF077941.D
 Acq: 25 Mar 2015 7:26

Tgt Ion:163 Resp: 102517
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.9 8.2 12.2

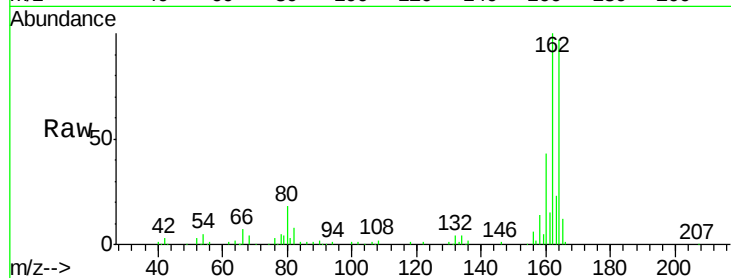




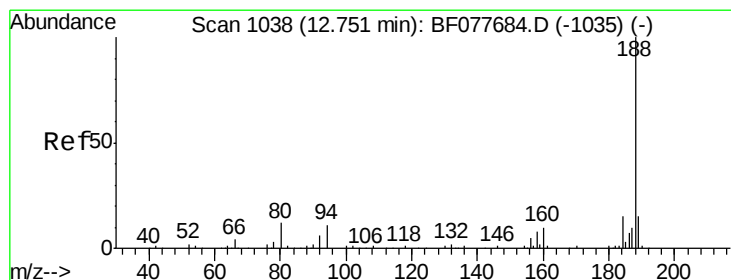
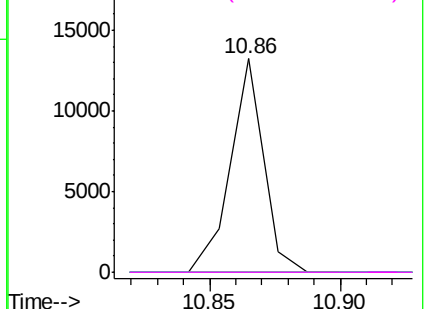
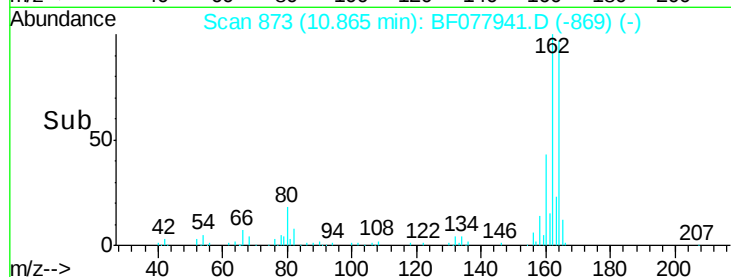
#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077941.D
 Acq: 25 Mar 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-2

Tgt Ion:165 Resp: 11789
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#

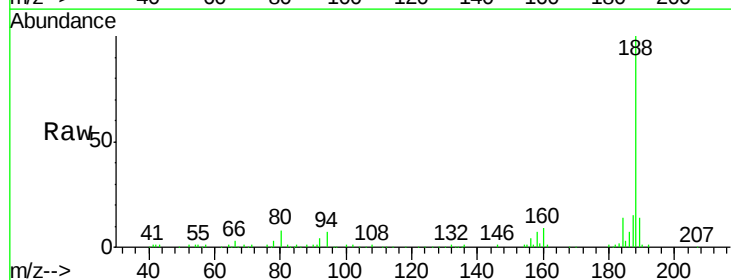


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

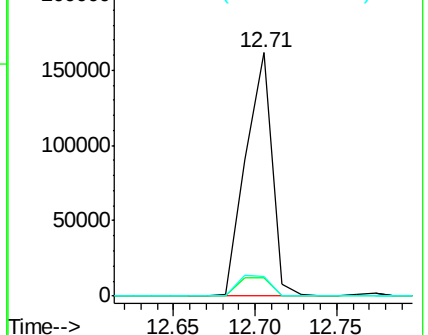
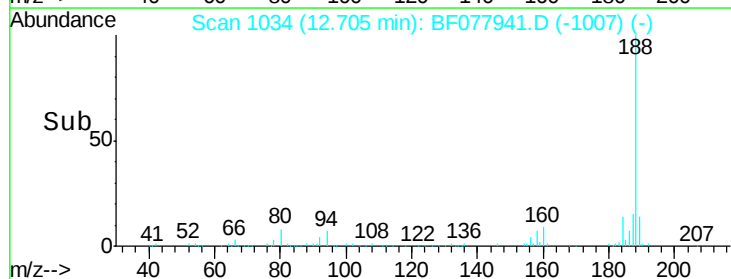


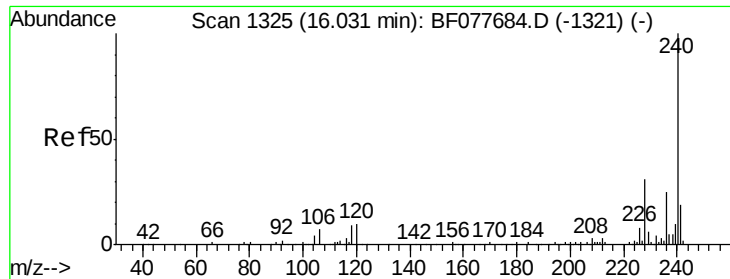
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF077941.D
 Acq: 25 Mar 2015 7:26

Tgt Ion:188 Resp: 180567
 Ion Ratio Lower Upper
 188 100
 94 7.3 8.7 13.1#
 80 8.0 9.3 13.9#



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

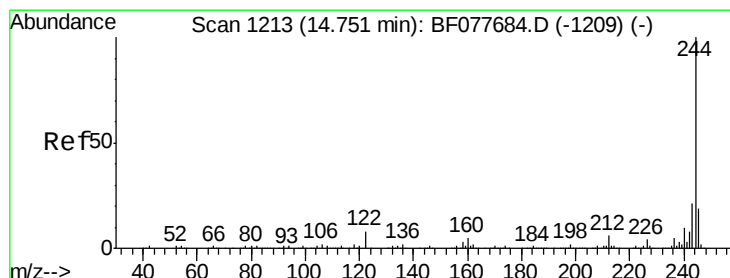
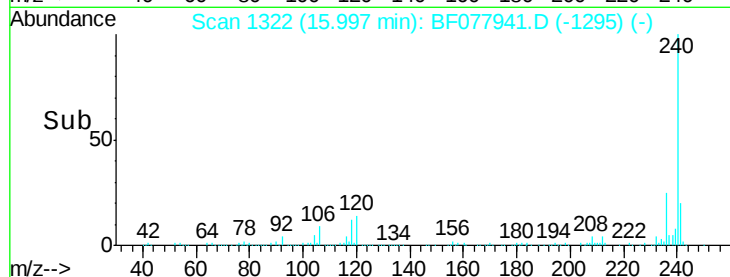
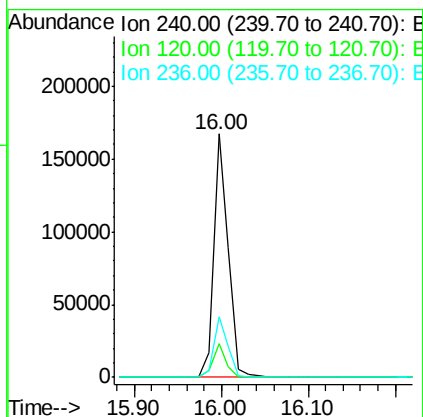
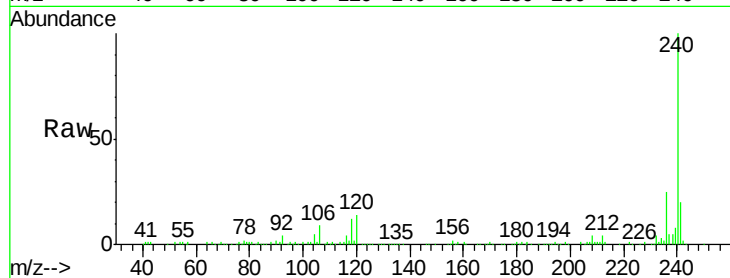




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF077941.D
Acq: 25 Mar 2015 7:26

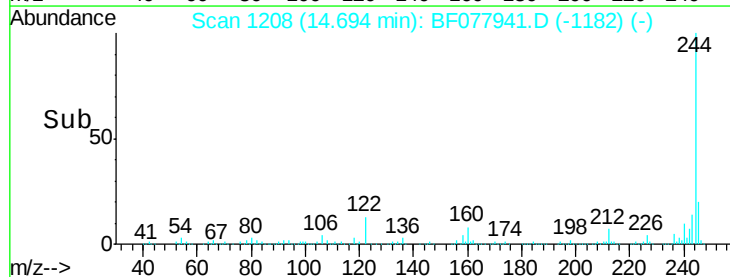
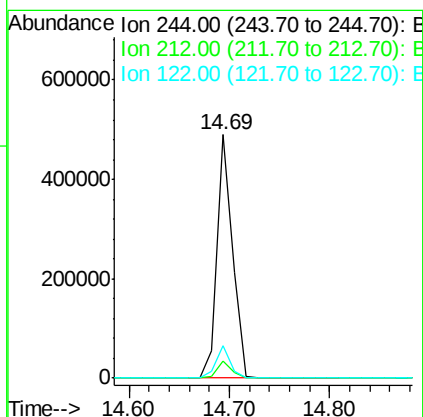
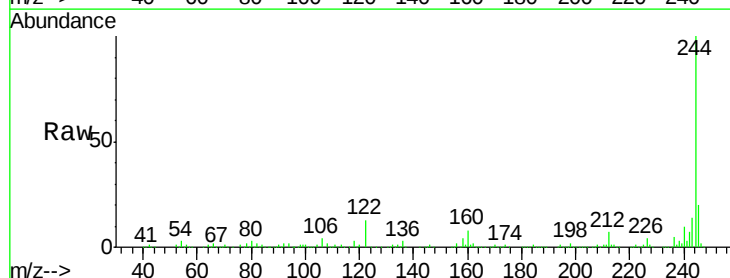
Instrument :
BNA_F
ClientSampleId :
SB-18-2

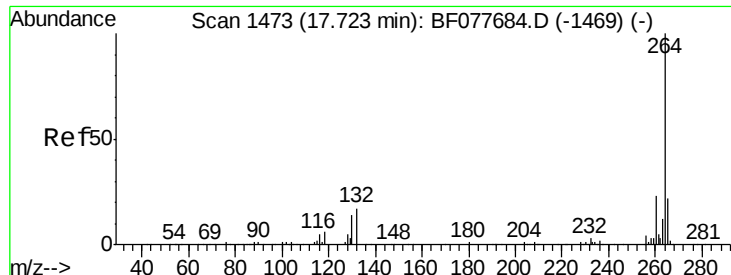
Tgt Ion:240 Resp: 194644
Ion Ratio Lower Upper
240 100
120 13.8 8.2 12.2#
236 25.1 20.0 30.0



#78
Terphenyl-d14
Concen: 65.86 ng
RT: 14.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077941.D
Acq: 25 Mar 2015 7:26

Tgt Ion:244 Resp: 524835
Ion Ratio Lower Upper
244 100
212 7.1 4.9 7.3
122 13.4 6.2 9.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.81 min Scan# 1481

Delta R.T. 0.07 min

Lab File: BF077941.D

Acq: 25 Mar 2015 7:26

Instrument :

BNA_F

ClientSampleId :

SB-18-2

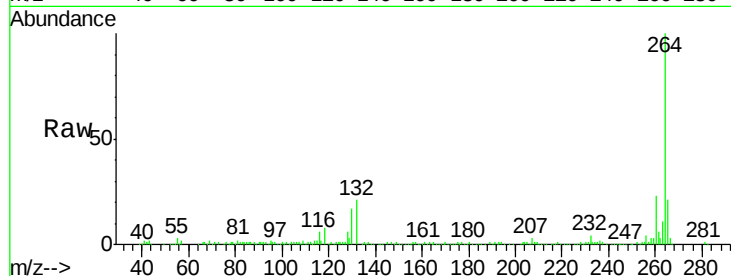
Tgt Ion:264 Resp: 188711

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.4 17.3 25.9



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

