

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084949.D
 Acq On : 9 Feb 2016 13:54
 Operator : SJ/IZ
 Sample : H1377-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-2-3

Quant Time: Feb 10 03:21:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	167136	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	657562	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	317120	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	597835	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	461853	20.00	ng	-0.07
86) Perylene-d12	15.13	264	330159	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1364793	127.19	ng	-0.05
7) Phenol-d6	6.29	99	1639145	123.22	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1128023	96.64	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	500433	151.29	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1780655	100.87	ng	-0.06
78) Terphenyl-d14	12.74	244	1769295	86.81	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.78	79	18616	2.03	ng	# 46
19) n-Nitroso-di-n-propylamine	7.21	70	160287	19.22	ng	# 73
49) Dimethylphthalate	9.40	163	333547	13.81	ng	# 90
56) 2,4-Dinitrotoluene	9.66	165	40041	5.95	ng	# 22
66) 4-Bromophenyl-phenylether	10.45	248	28134	4.26	ng	# 1

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

Instrument :

BNA_F

ClientSampleId :

SB04-2-3

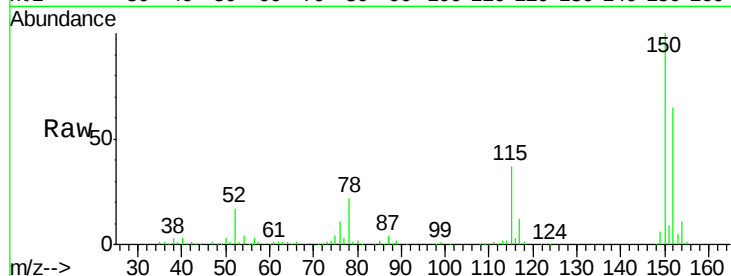
Tgt Ion:152 Resp: 167136

Ion Ratio Lower Upper

152 100

150 153.7 123.0 184.4

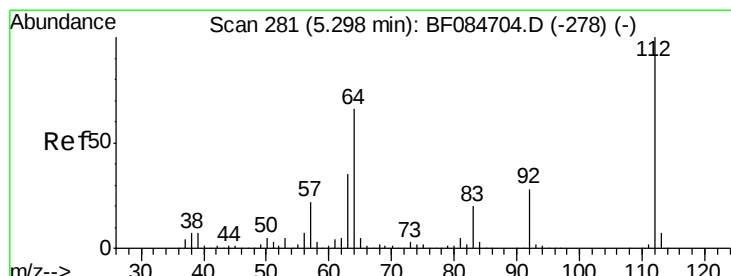
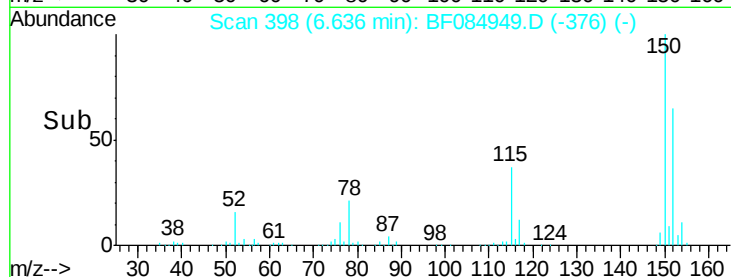
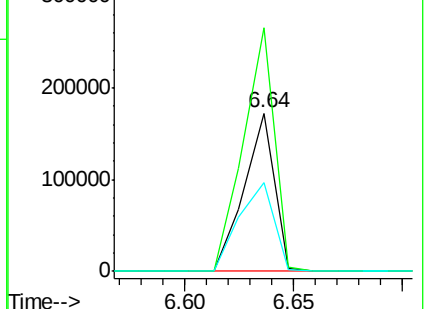
115 56.1 51.4 77.2



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: 127.19 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

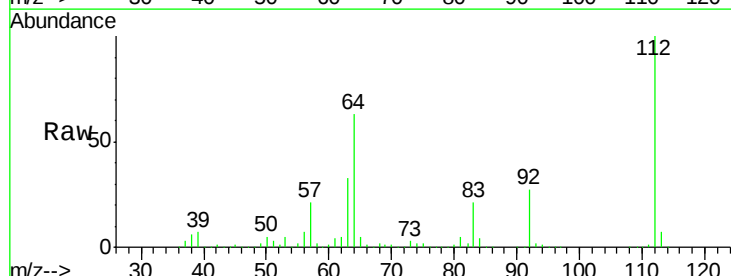
Tgt Ion:112 Resp: 1364793

Ion Ratio Lower Upper

112 100

64 62.8 36.6 55.0#

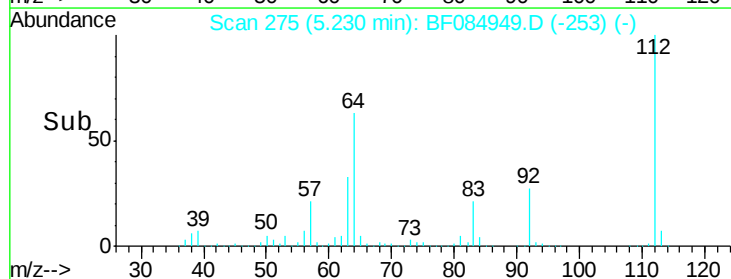
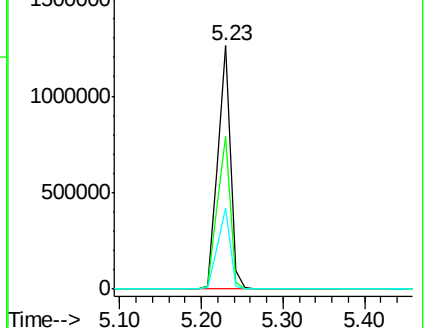
63 33.3 19.4 29.0#



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: 123.22 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

Instrument :

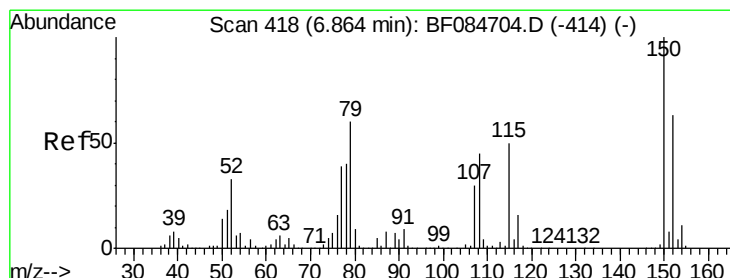
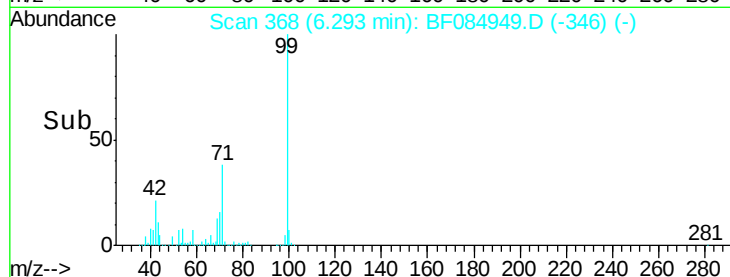
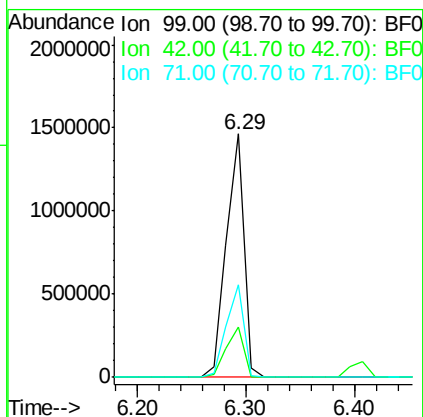
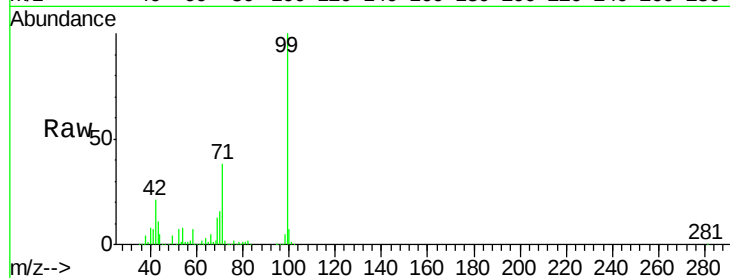
BNA_F

ClientSampleId :

SB04-2-3

Tgt Ion: 99 Resp: 1639145

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	38.0	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.78 min Scan# 411

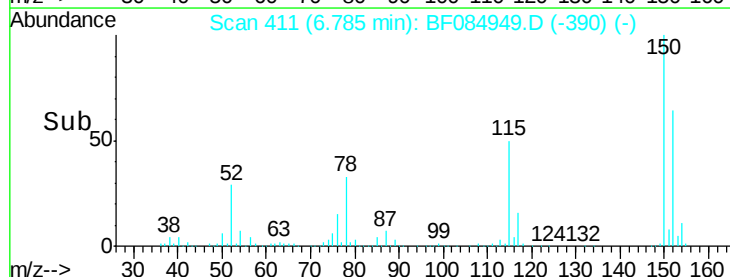
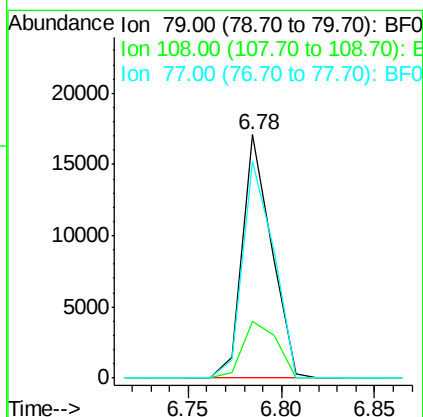
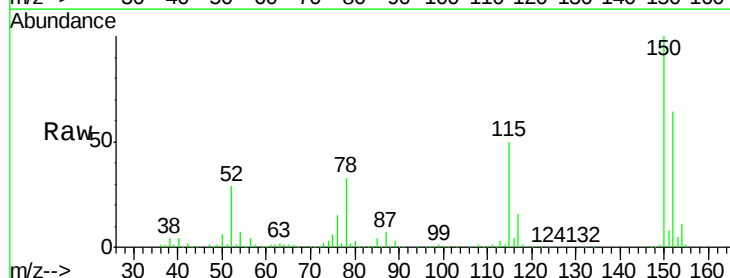
Delta R.T. -0.06 min

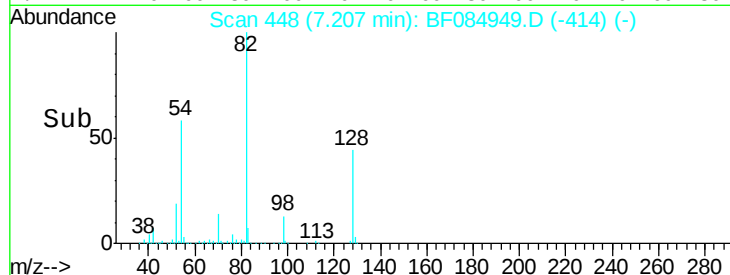
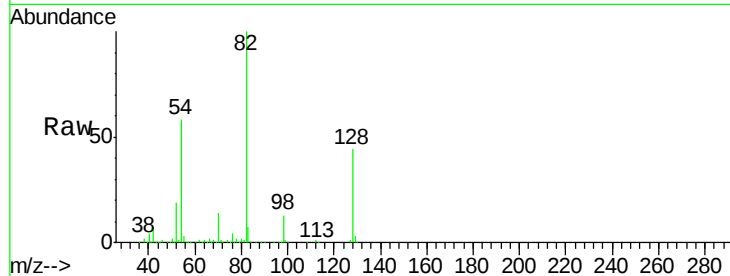
Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

Tgt Ion: 79 Resp: 18616

Ion	Ratio	Lower	Upper
79	100		
108	23.2	69.0	103.4#
77	89.1	50.0	75.0#

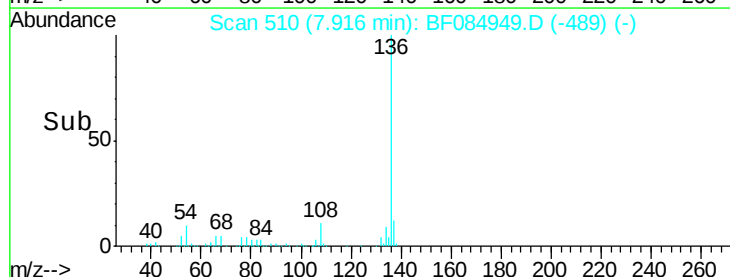
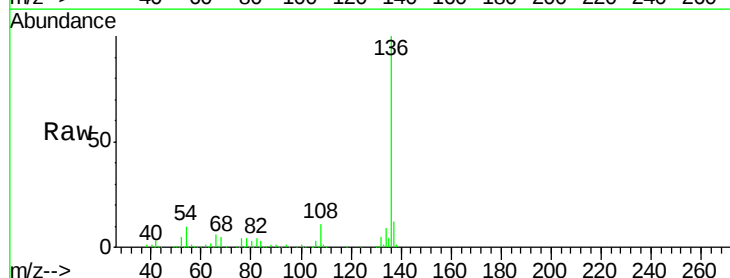
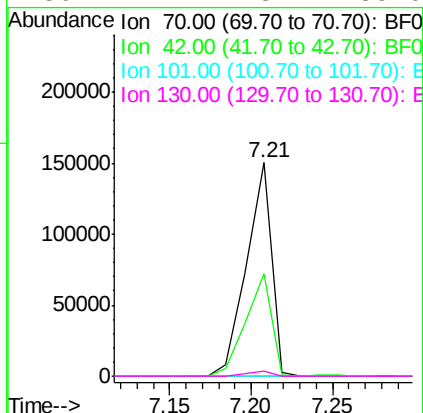




#19
n-Nitroso-di-n-propylamine
Concen: 19.22 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.09 min
Lab File: BF084949.D
Acq: 9 Feb 2016 13:54

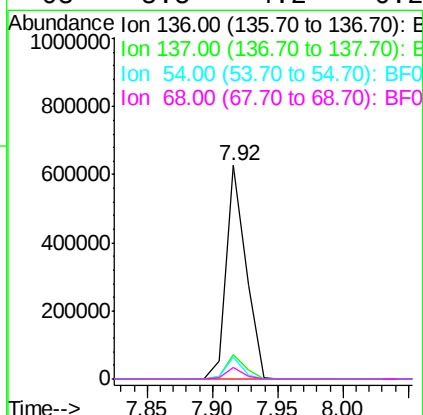
Instrument :
BNA_F
ClientSampleId :
SB04-2-3

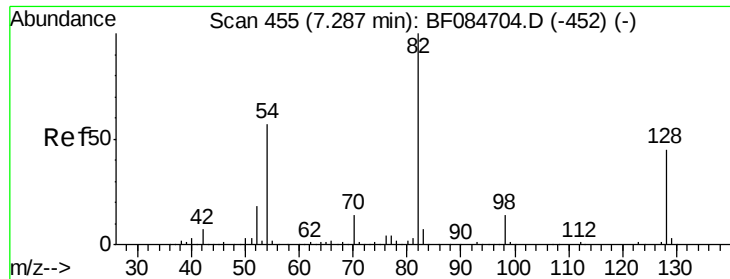
Tgt Ion:	70	Resp:	160287
Ion	Ratio	Lower	Upper
70	100		
42	48.2	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.06 min
Lab File: BF084949.D
Acq: 9 Feb 2016 13:54

Tgt Ion:	136	Resp:	657562
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.1	5.8	8.8#
68	5.5	4.2	6.2

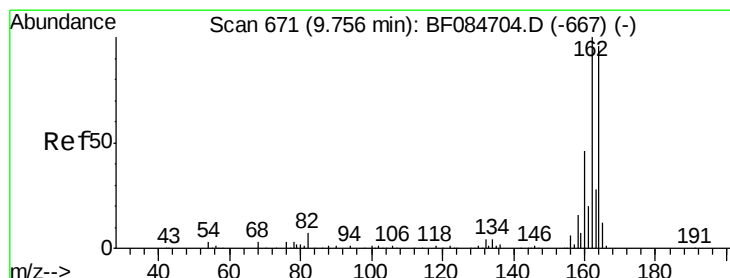
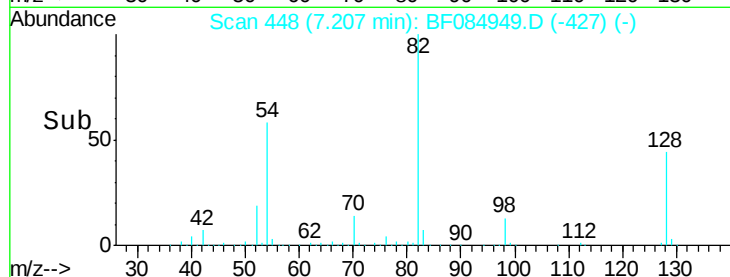
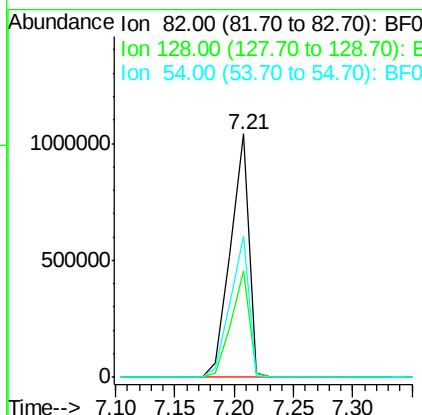
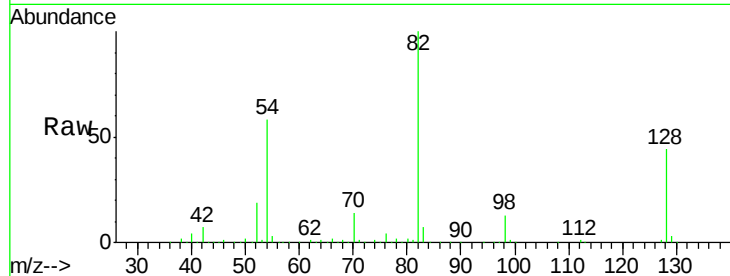




#23
 Nitrobenzene-d5
 Concen: 96.64 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084949.D
 Acq: 9 Feb 2016 13:54

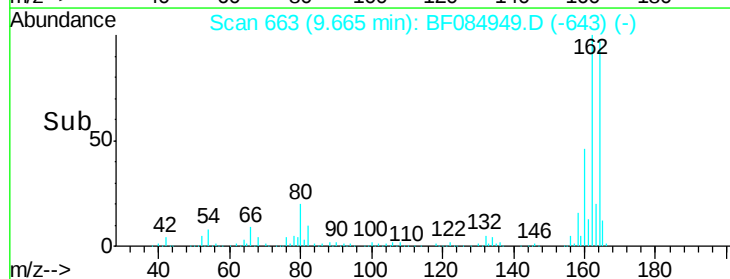
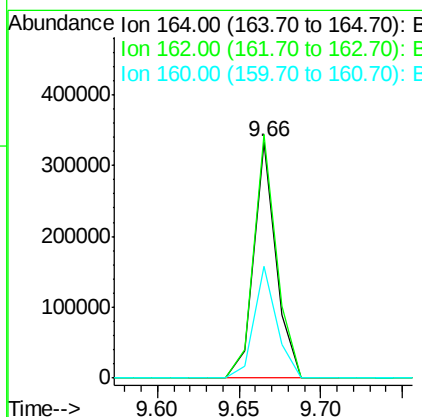
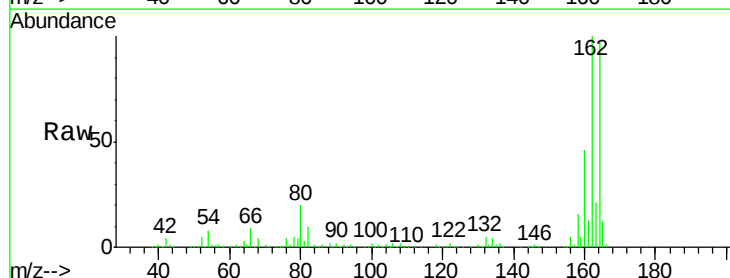
Instrument :
 BNA_F
 ClientSampleId :
 SB04-2-3

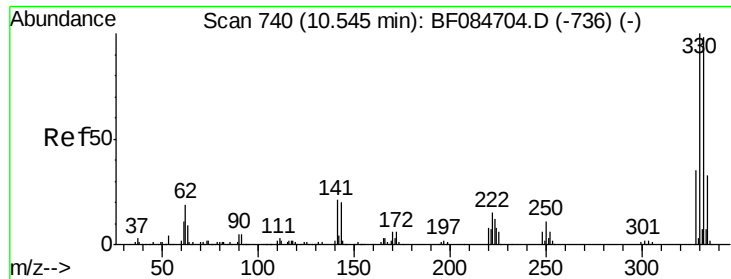
Tgt Ion: 82 Resp: 1128023
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 51.8
 54 58.1 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084949.D
 Acq: 9 Feb 2016 13:54

Tgt Ion: 164 Resp: 317120
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.1 127.7
 160 47.4 37.5 56.3

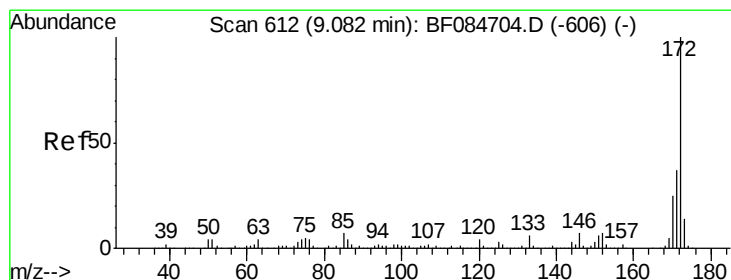
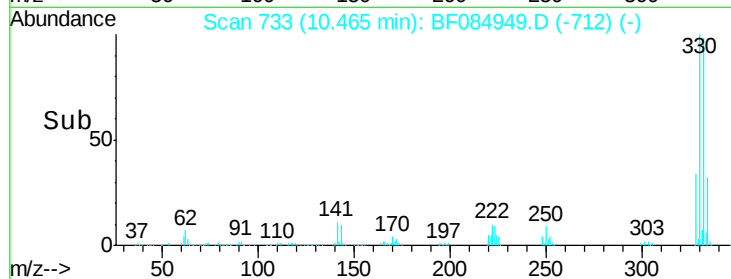
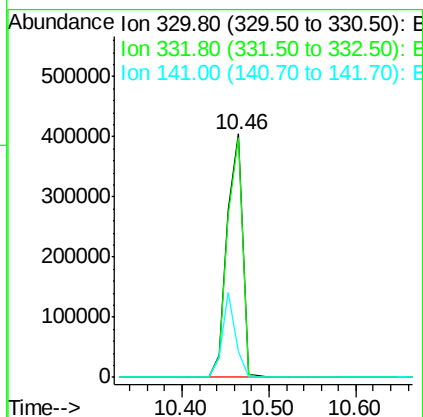
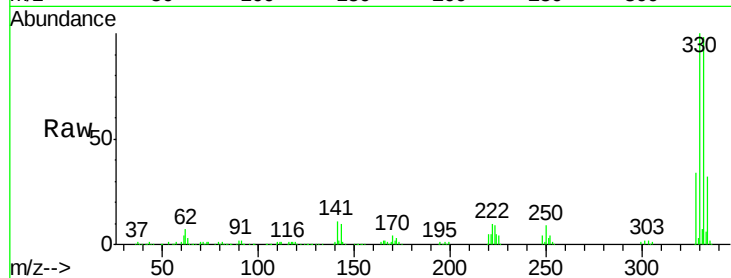




#41
 2,4,6-Tribromophenol
 Concen: 151.29 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084949.D
 Acq: 9 Feb 2016 13:54

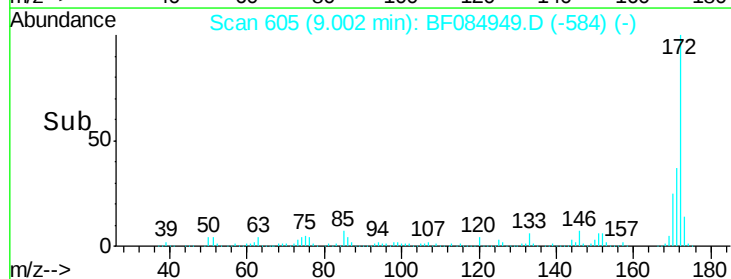
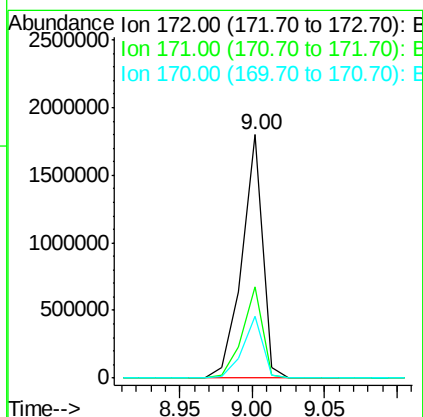
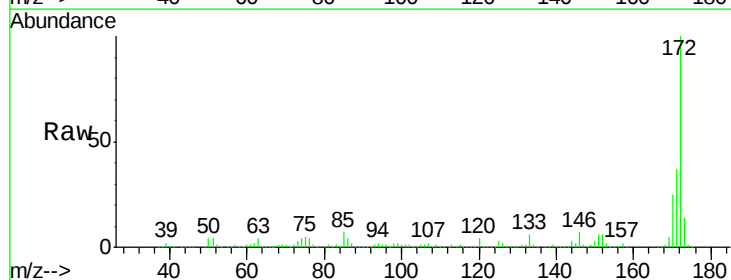
Instrument :
 BNA_F
 ClientSampleId :
 SB04-2-3

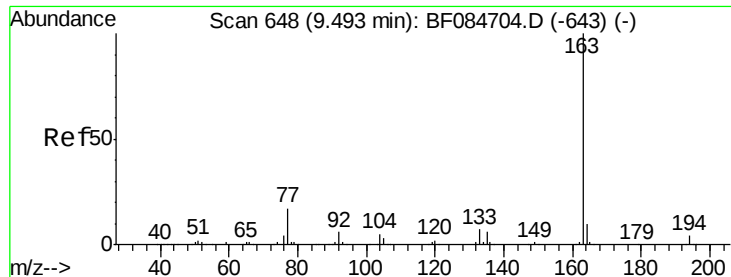
Tgt Ion:330 Resp: 500433
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 30.7 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 100.87 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084949.D
 Acq: 9 Feb 2016 13:54

Tgt Ion:172 Resp: 1780655
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.9 43.3
 170 25.4 18.6 27.8





#49

Dimethylphthalate

Concen: 13.81 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

Instrument :

BNA_F

ClientSampleId :

SB04-2-3

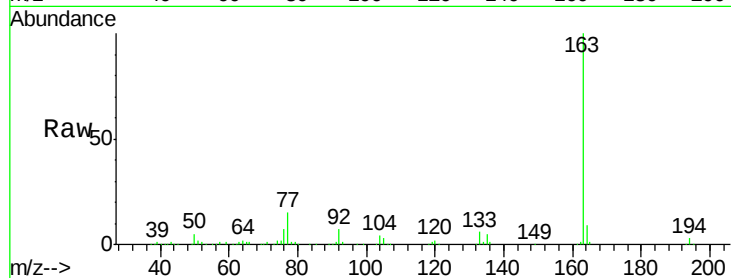
Tgt Ion:163 Resp: 333547

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

164 9.2 8.0 12.0

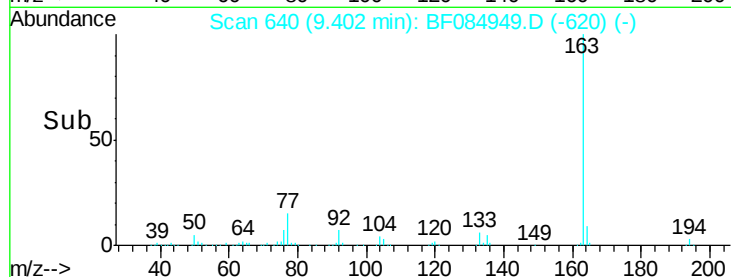


Abundance Ion 163.00 (162.70 to 163.70): E

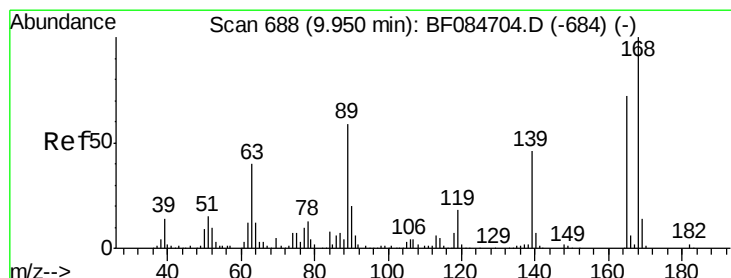
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.40



Time--> 9.30 9.35 9.40 9.45 9.50



#56

2,4-Dinitrotoluene

Concen: 5.95 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.26 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

Tgt Ion:165 Resp: 40041

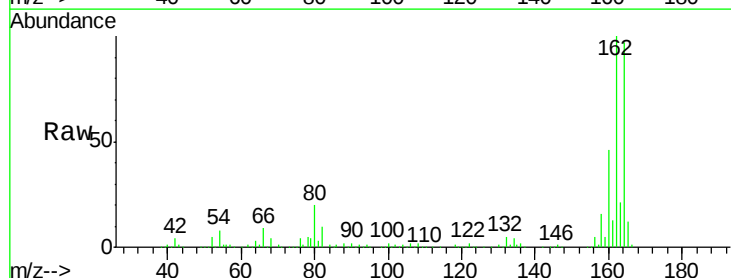
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 2.1 61.9 92.9#

182 0.0 2.0 3.0#



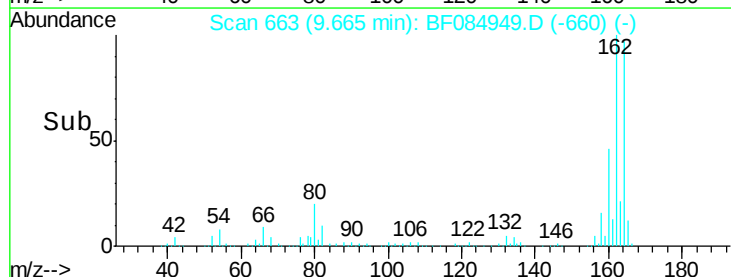
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

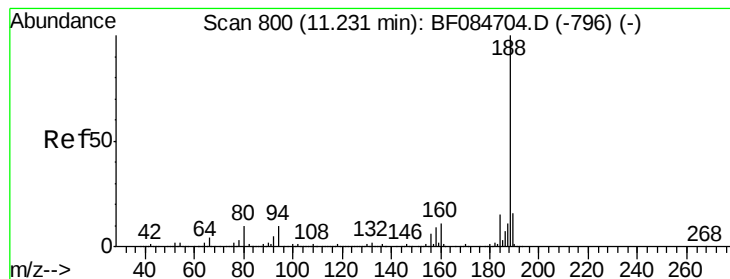
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

9.66



Time--> 9.60 9.65 9.70



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

Instrument :

BNA_F

ClientSampleId :

SB04-2-3

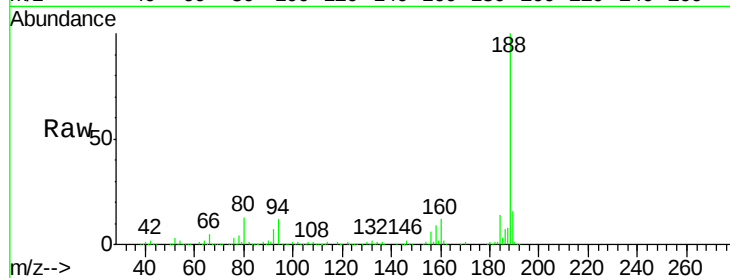
Tgt Ion:188 Resp: 597835

Ion Ratio Lower Upper

188 100

94 12.4 9.0 13.4

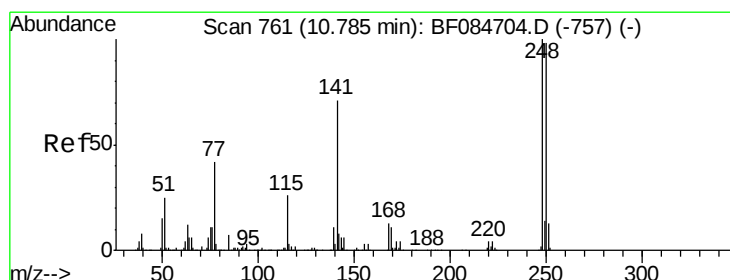
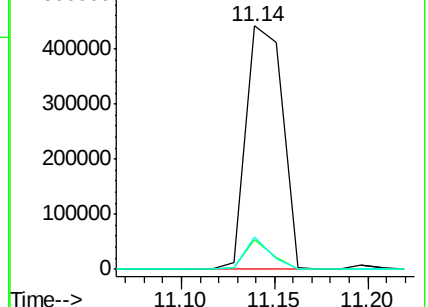
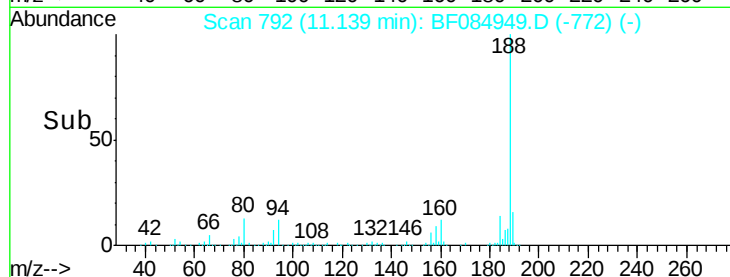
80 13.2 9.6 14.4



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



#66

4-Bromophenyl-phenylether

Concen: 4.26 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.31 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

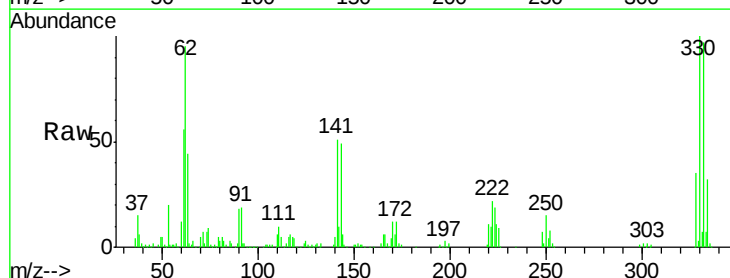
Tgt Ion:248 Resp: 28134

Ion Ratio Lower Upper

248 100

250 205.2 78.4 117.6#

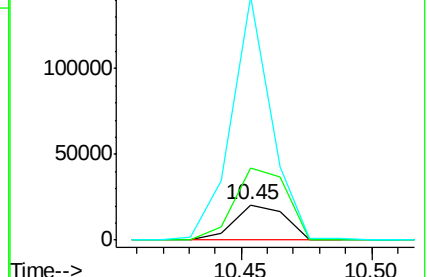
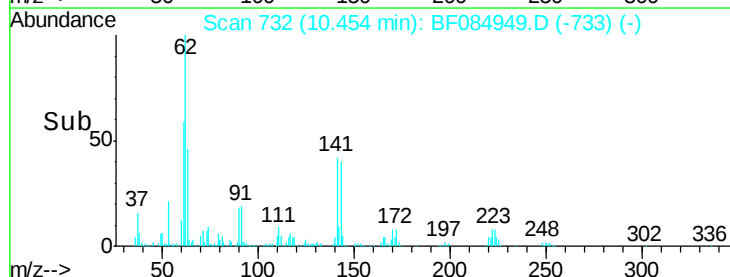
141 692.4 44.0 66.0#

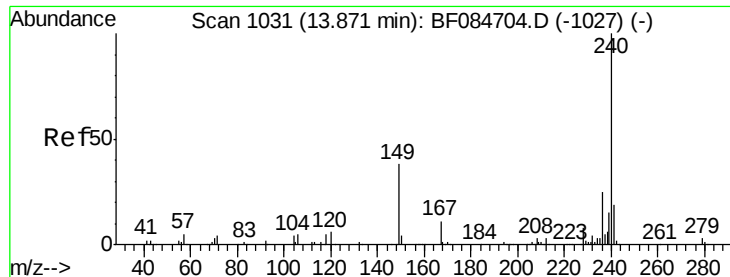


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

Instrument :

BNA_F

ClientSampled :

SB04-2-3

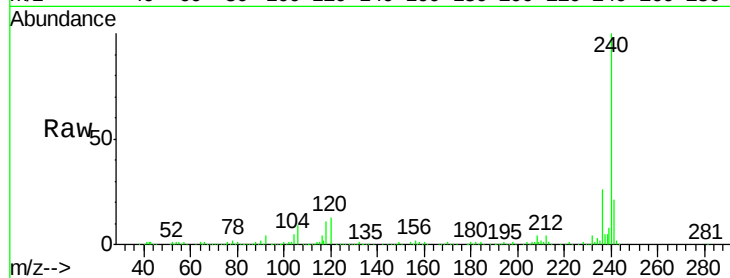
Tgt Ion:240 Resp: 461853

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

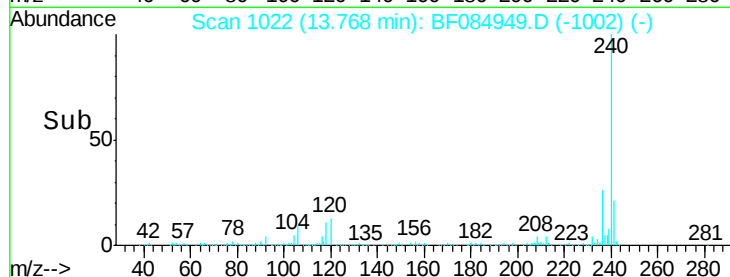
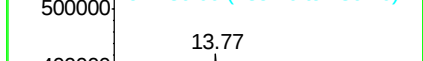
236 25.8 20.6 31.0



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: 86.81 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084949.D

Acq: 9 Feb 2016 13:54

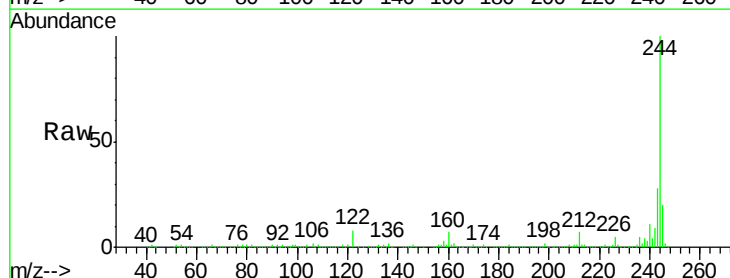
Tgt Ion:244 Resp: 1769295

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

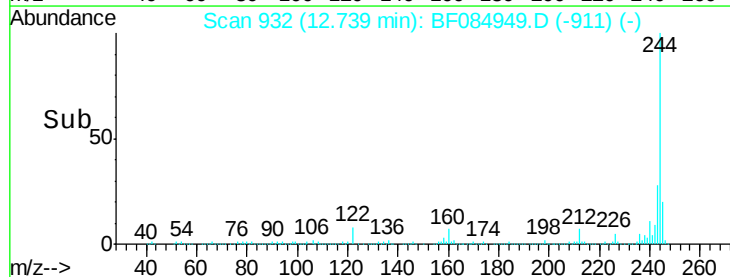
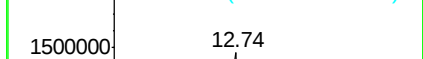
122 7.5 7.4 11.0

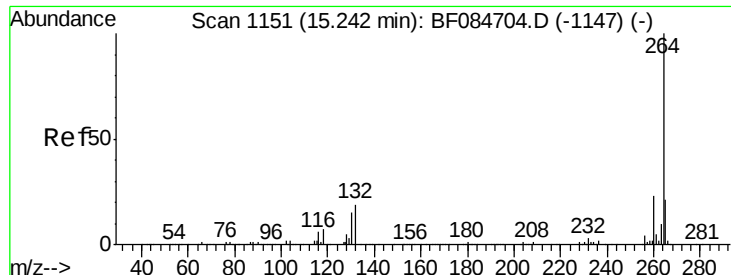


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

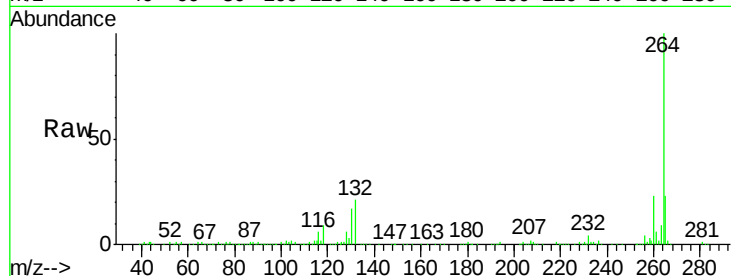




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084949.D
Acq: 9 Feb 2016 13:54

Instrument :
BNA_F
ClientSampleId :
SB04-2-3

Tgt Ion: 264 Resp: 330159
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 22.5 17.8 26.6



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

