

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083294.D
 Acq On : 26 Nov 2015 1:15
 Operator : UM/IZ
 Sample : G4564-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1511173891

Quant Time: Nov 26 03:14:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

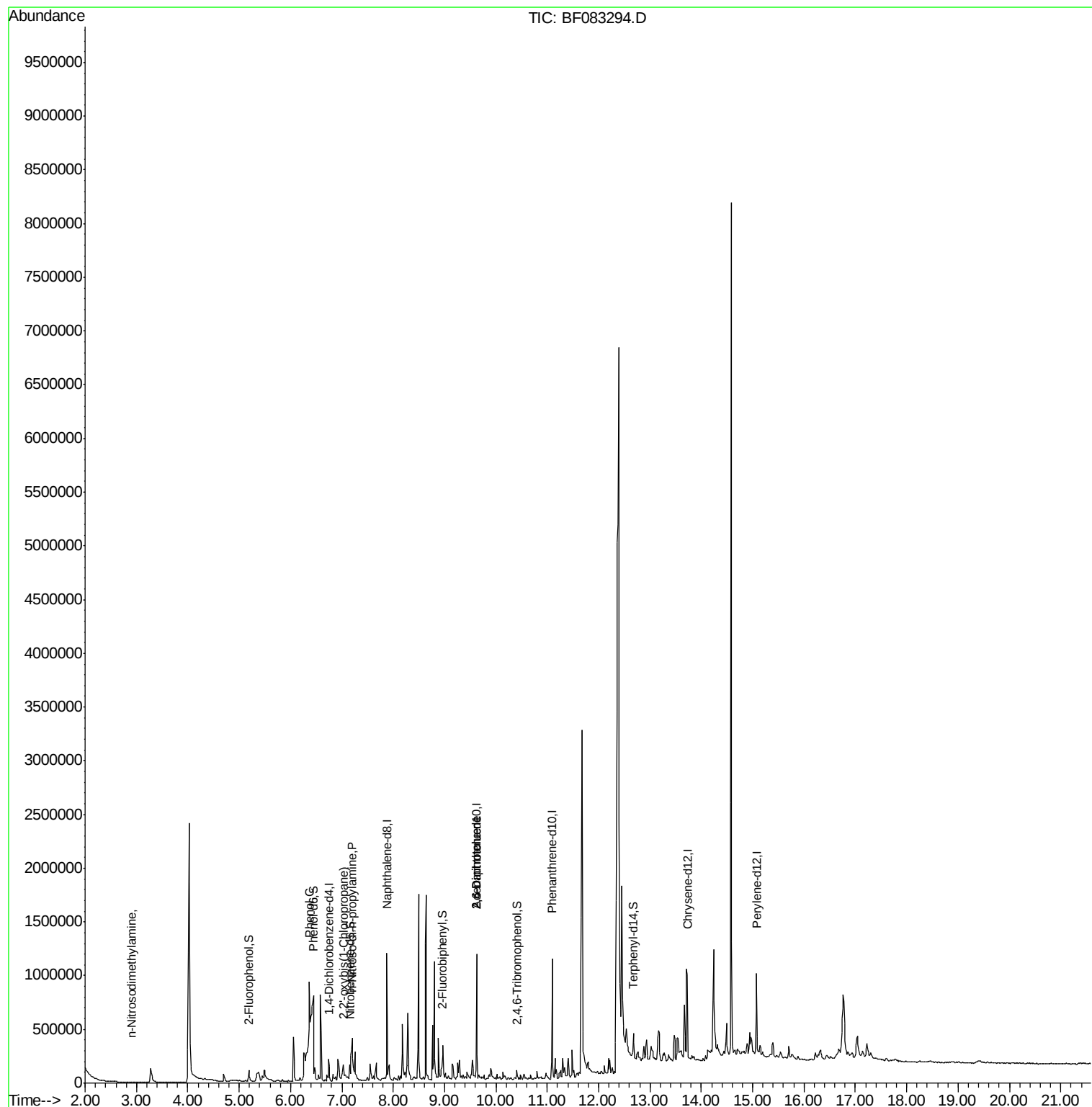
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	27110	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	495260	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	215409	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	381795	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	419339	20.00	ng	-0.08
86) Perylene-d12	15.07	264	306176	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	49719	27.73	ng	-0.09
7) Phenol-d6	6.44	99	5332	2.30	ng	0.10
23) Nitrobenzene-d5	7.15	82	51220	4.73	ng	-0.08
41) 2,4,6-Tribromophenol	10.41	330	11015	5.00	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	65163	4.22	ng	-0.07
78) Terphenyl-d14	12.67	244	66058	3.71	ng	-0.09
Target Compounds						
4) n-Nitrosodimethylamine	2.90	42	3190	2.95	ng	# 1
10) Phenol	6.36	94	7732	2.75	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	7.03	45	7248	2.32	ng	# 48
19) n-Nitroso-di-n-propylamine	7.20	70	23132	14.33	ng	# 58
50) 2,6-Dinitrotoluene	9.62	165	26406	7.10	ng	# 14
56) 2,4-Dinitrotoluene	9.62	165	26407	5.60	ng	# 11

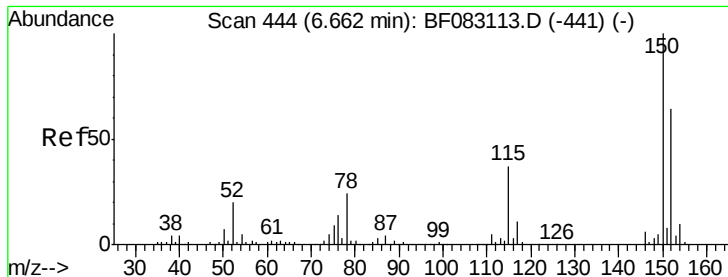
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 03:14:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

Instrument :

BNA_F

ClientSampleId :

1511173891

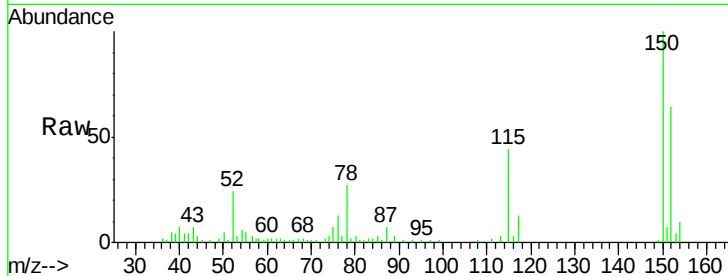
Tgt Ion:152 Resp: 27110

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.8

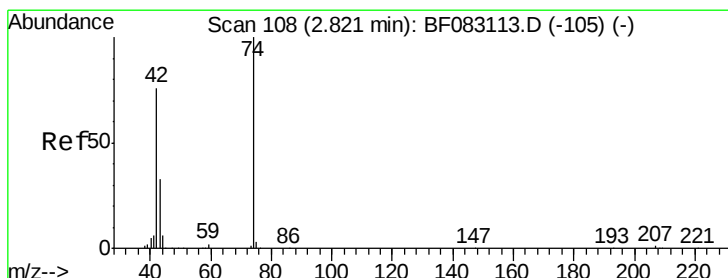
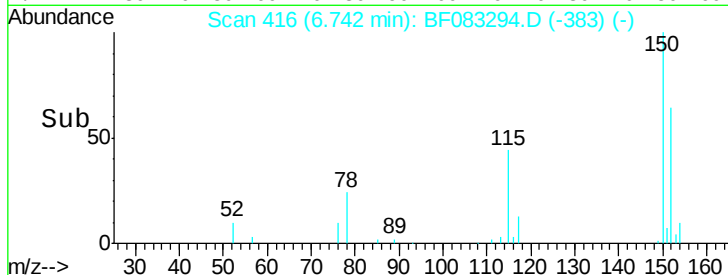
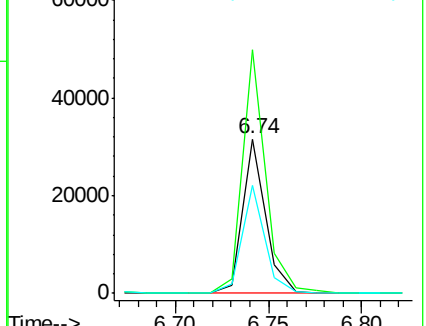
115 69.6 46.9 70.3



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: 2.95 ng

RT: 2.90 min Scan# 80

Delta R.T. 0.08 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

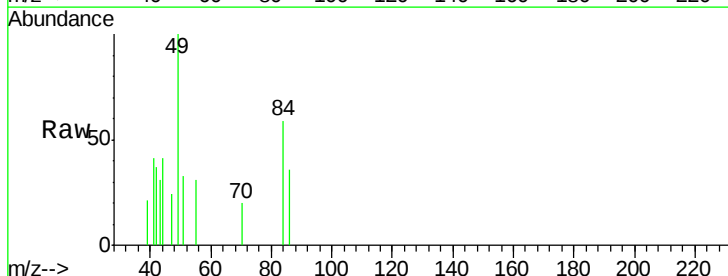
Tgt Ion: 42 Resp: 3190

Ion Ratio Lower Upper

42 100

74 0.0 104.8 157.2#

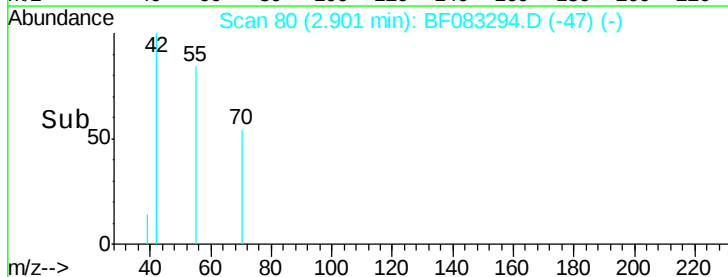
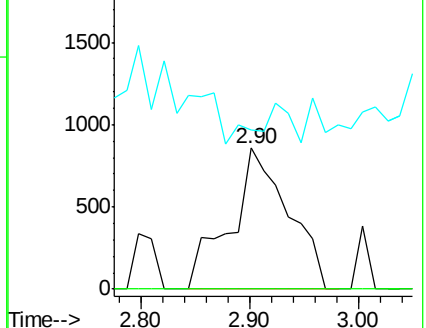
44 112.6 6.2 9.4#

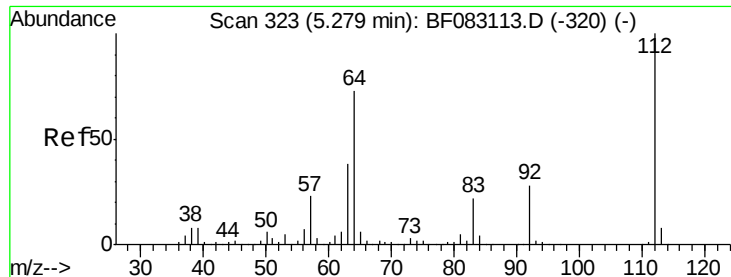


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 27.73 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

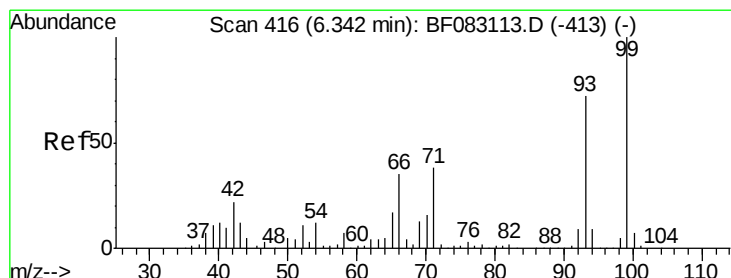
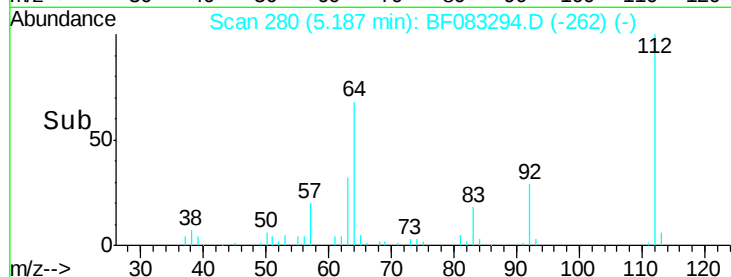
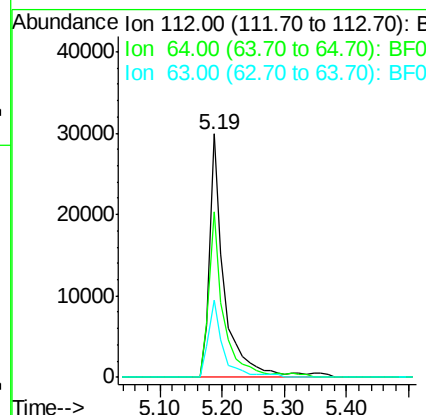
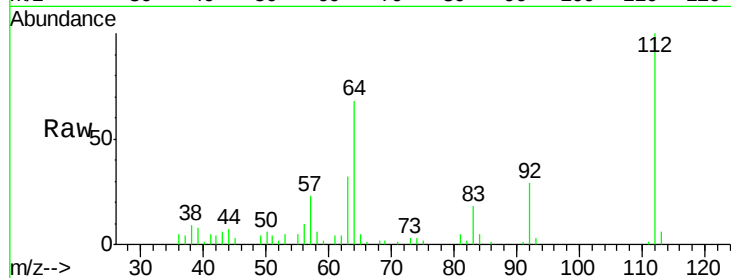
Instrument :

BNA_F

ClientSampleId :

1511173891

Tgt Ion:	112	Resp:	49719
Ion	Ratio	Lower	Upper
112	100		
64	67.8	58.4	87.6
63	31.7	30.0	45.0



#7

Phenol-d6

Concen: 2.30 ng

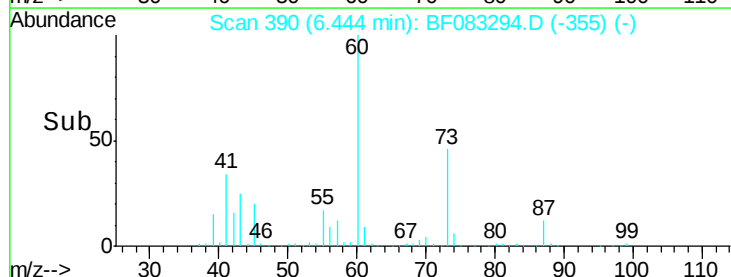
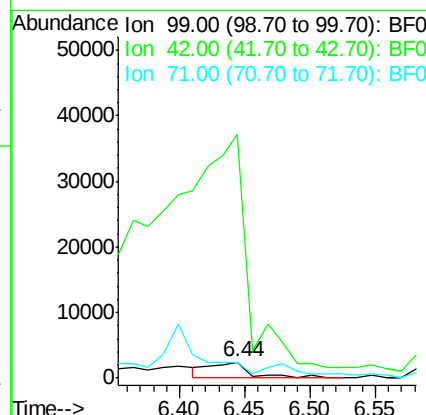
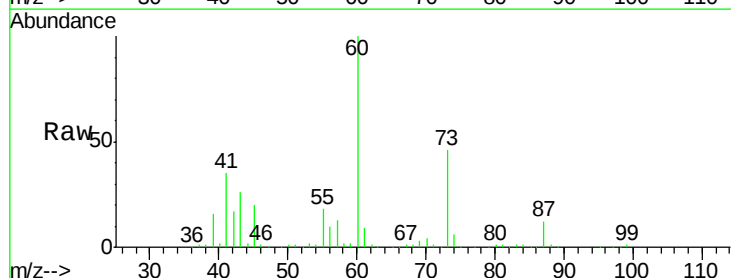
RT: 6.44 min Scan# 390

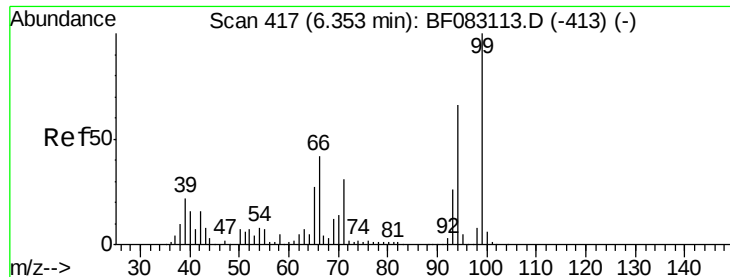
Delta R.T. 0.10 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

Tgt Ion:	99	Resp:	5332
Ion	Ratio	Lower	Upper
99	100		
42	1538.7	17.7	26.5#
71	102.9	30.2	45.4#





#10

Phenol

Concen: 2.75 ng

RT: 6.36 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

Instrument :

BNA_F

ClientSampleId :

1511173891

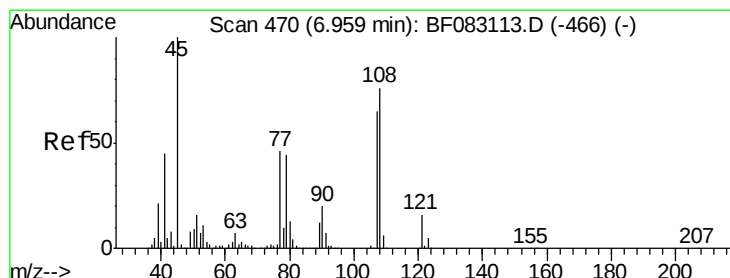
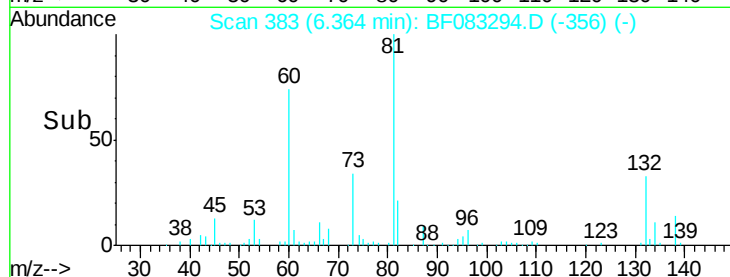
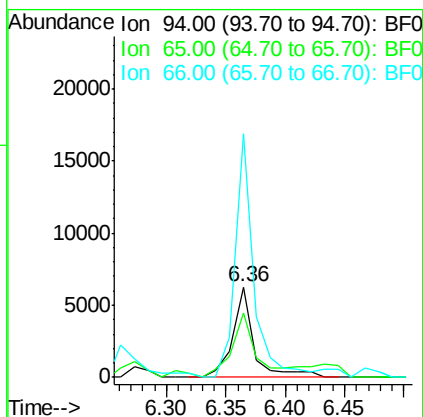
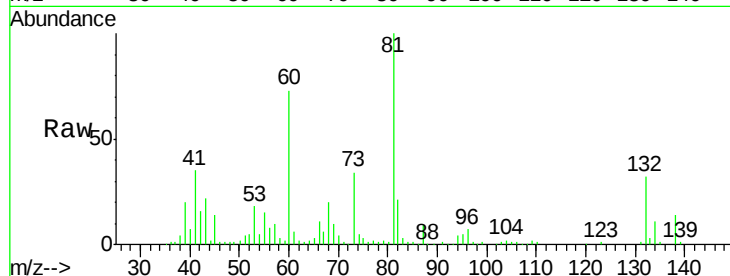
Tgt Ion: 94 Resp: 7732

Ion Ratio Lower Upper

94 100

65 71.6 21.1 61.1#

66 269.9 43.1 83.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.32 ng

RT: 7.03 min Scan# 441

Delta R.T. 0.07 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

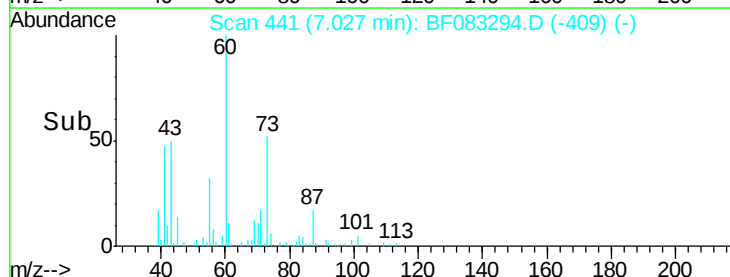
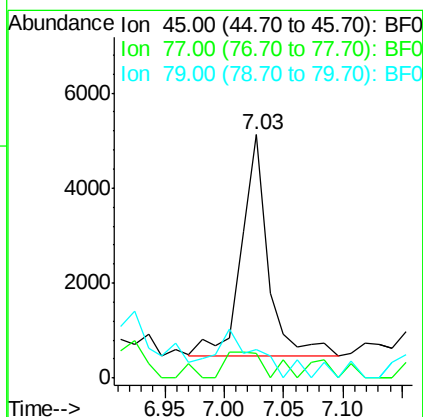
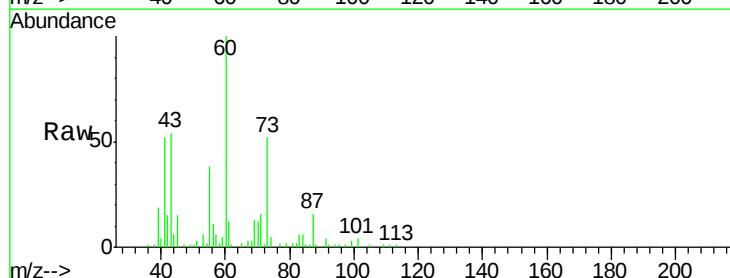
Tgt Ion: 45 Resp: 7248

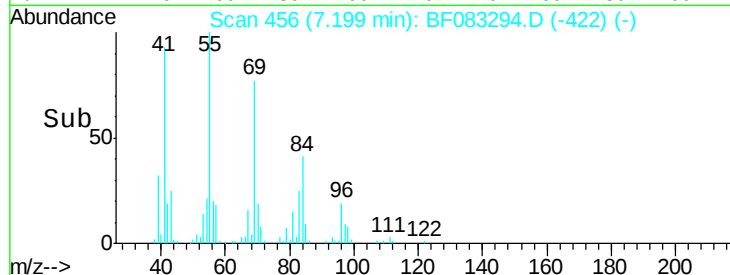
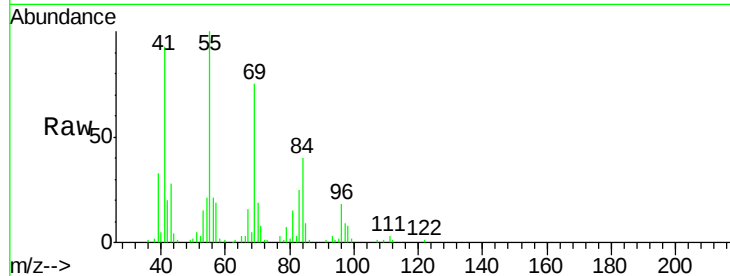
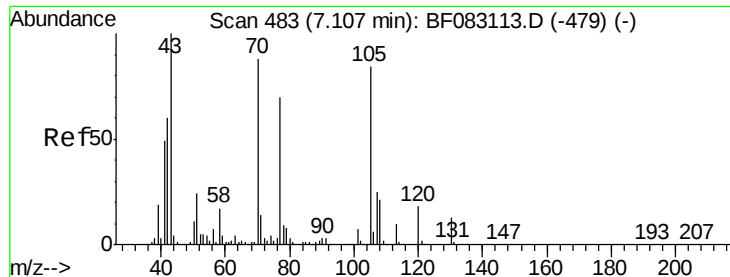
Ion Ratio Lower Upper

45 100

77 10.4 26.7 66.7#

79 12.0 24.3 64.3#

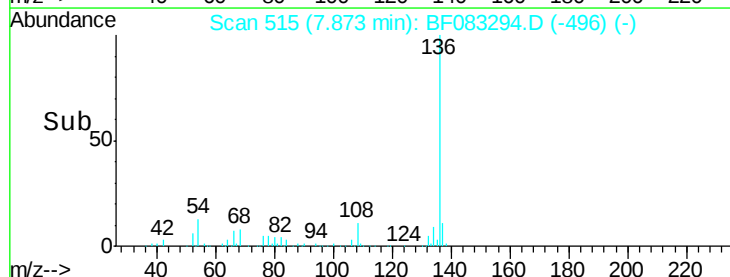
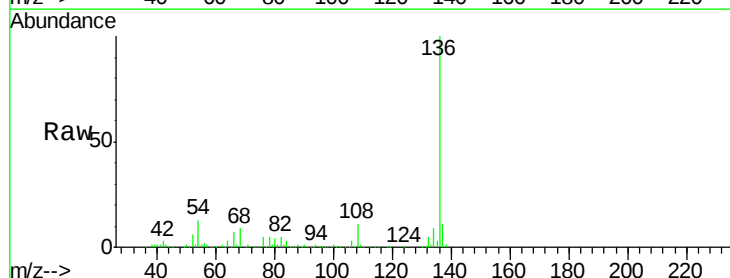
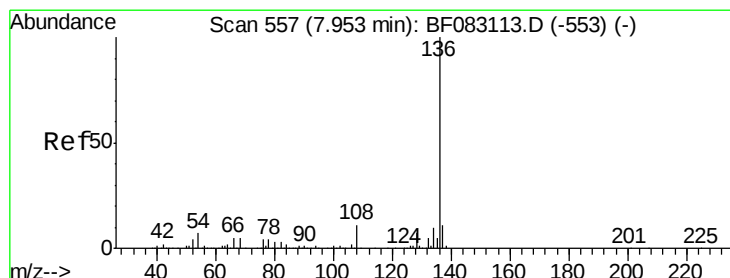
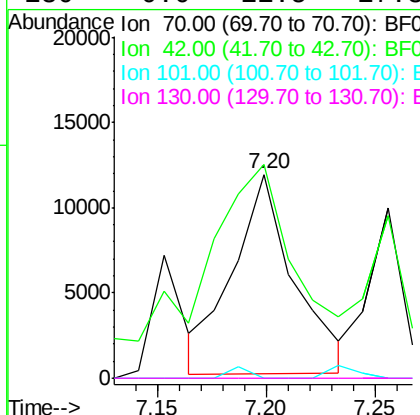




#19
n-Nitroso-di-n-propylamine
Concen: 14.33 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.09 min
Lab File: BF083294.D
Acq: 26 Nov 2015 1:15

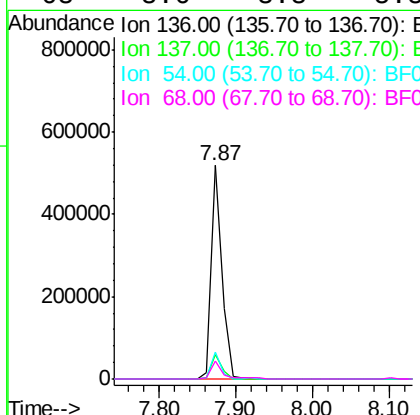
Instrument :
BNA_F
ClientSampleId :
1511173891

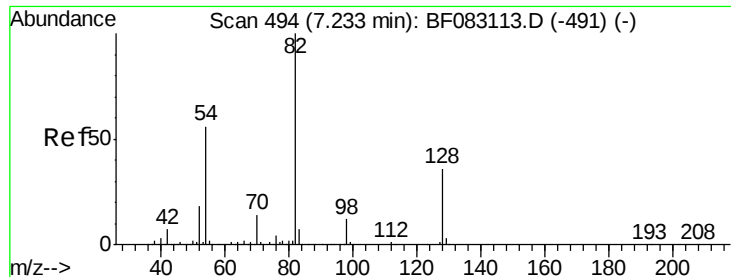
Tgt Ion: 70 Resp: 23132
Ion Ratio Lower Upper
70 100
42 104.9 54.5 81.7#
101 0.0 6.6 9.8#
130 0.0 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083294.D
Acq: 26 Nov 2015 1:15

Tgt Ion: 136 Resp: 495260
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 12.8 5.8 8.6#
68 8.6 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 4.73 ng

RT: 7.15 min Scan# 452

Delta R.T. -0.08 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

Instrument :

BNA_F

ClientSampleId :

1511173891

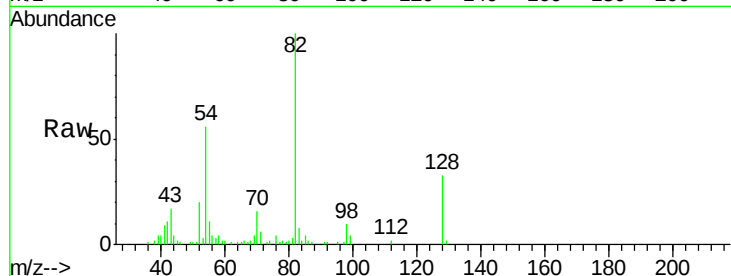
Tgt Ion: 82 Resp: 51220

Ion Ratio Lower Upper

82 100

128 32.7 28.5 42.7

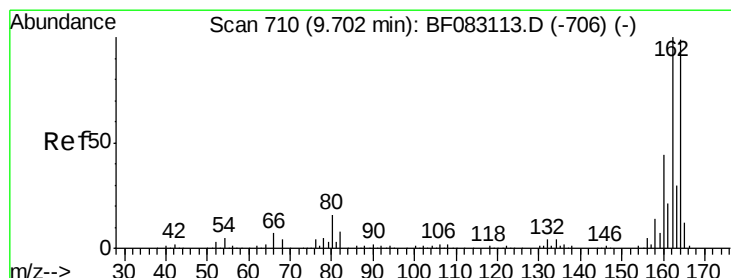
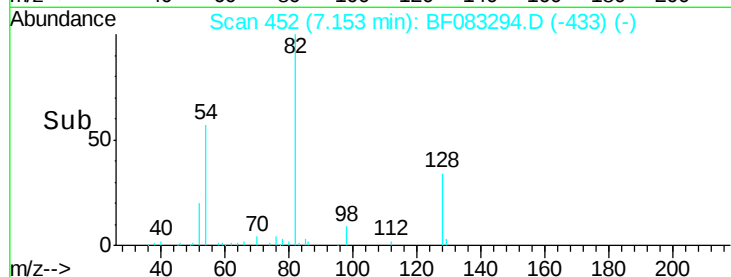
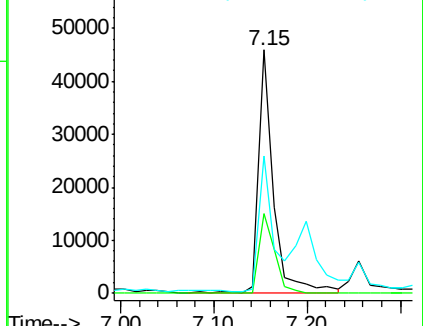
54 56.4 44.6 67.0



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: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

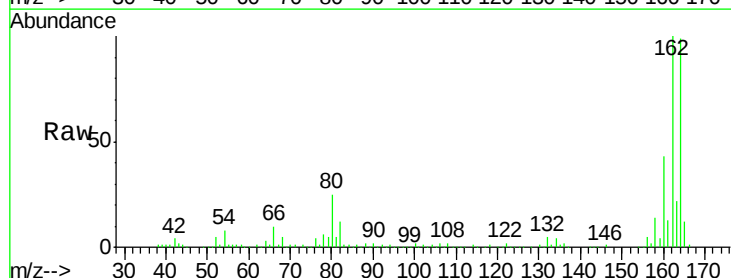
Tgt Ion: 164 Resp: 215409

Ion Ratio Lower Upper

164 100

162 100.7 81.2 121.8

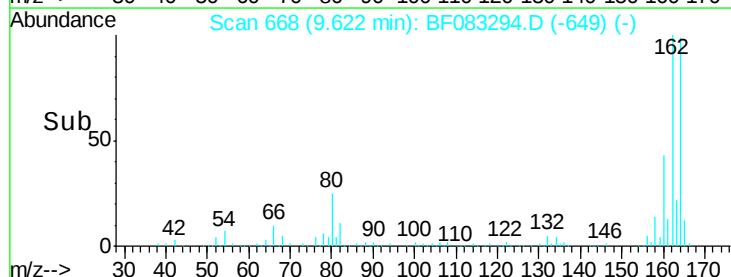
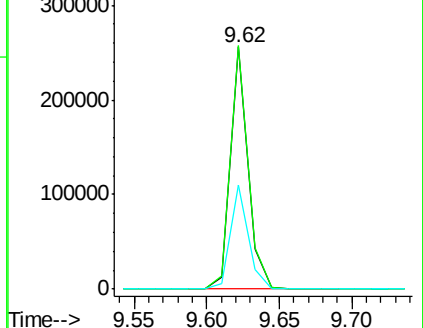
160 43.1 35.6 53.4

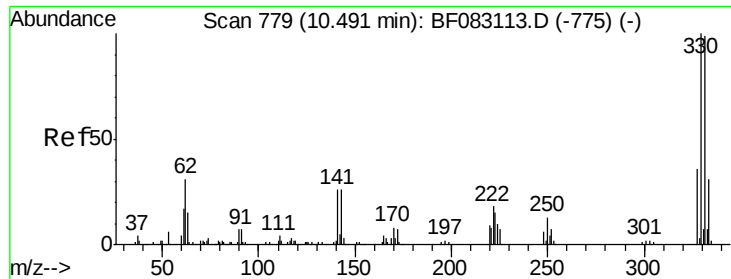


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

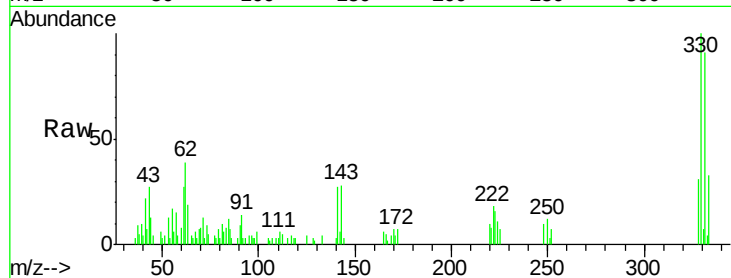




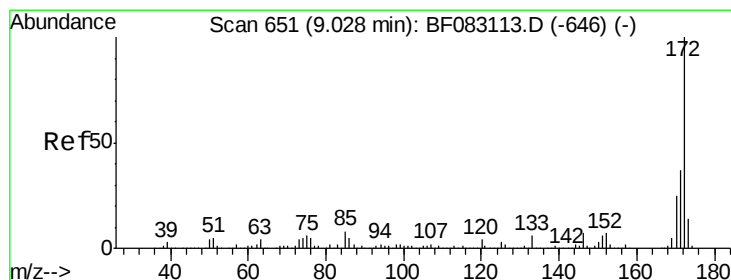
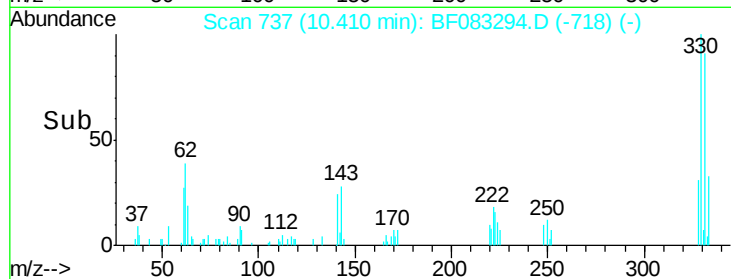
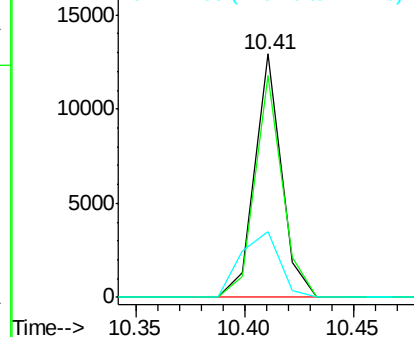
#41
 2,4,6-Tribromophenol
 Concen: 5.00 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083294.D
 Acq: 26 Nov 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 1511173891

Tgt Ion:330 Resp: 11015
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.7 116.5
 141 39.1 29.7 44.5

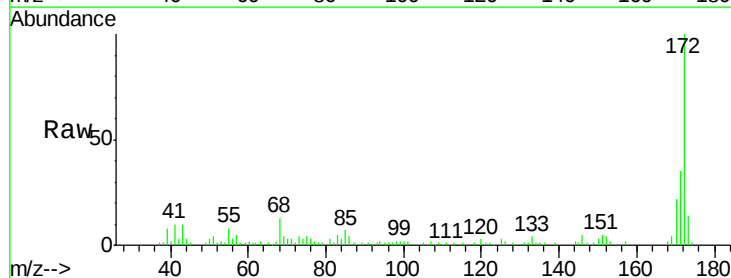


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

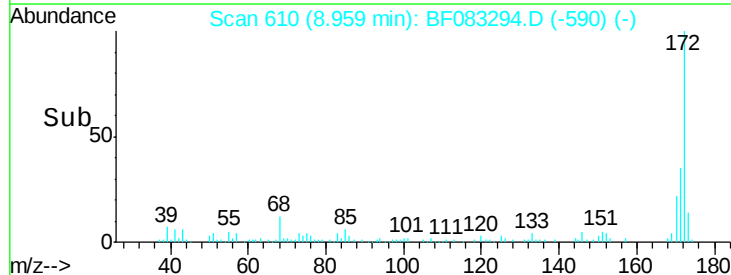
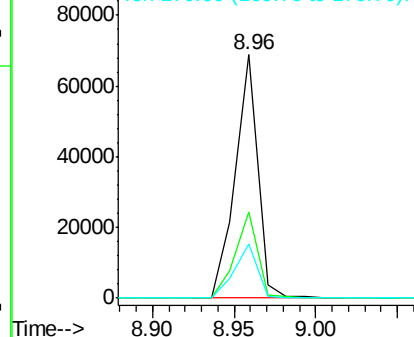


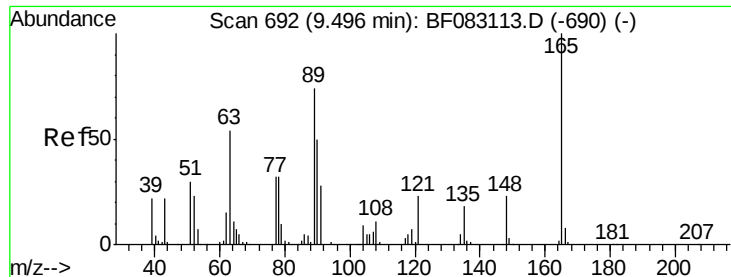
#44
 2-Fluorobiphenyl
 Concen: 4.22 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083294.D
 Acq: 26 Nov 2015 1:15

Tgt Ion:172 Resp: 65163
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.5 44.3
 170 22.5 19.9 29.9



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

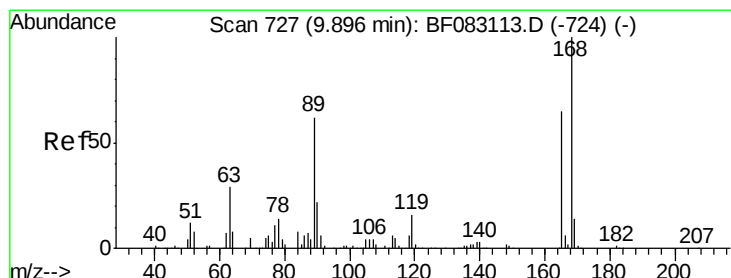
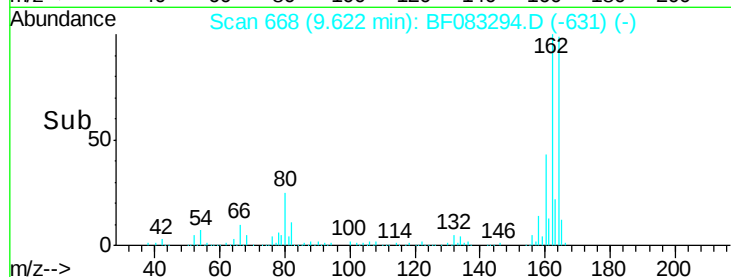
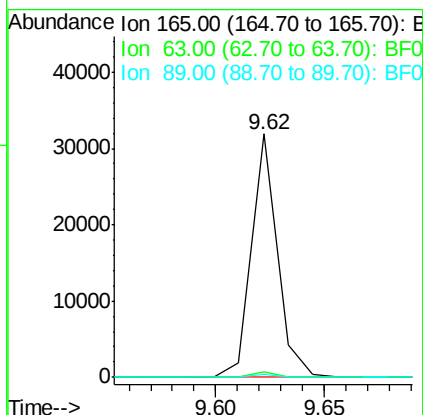
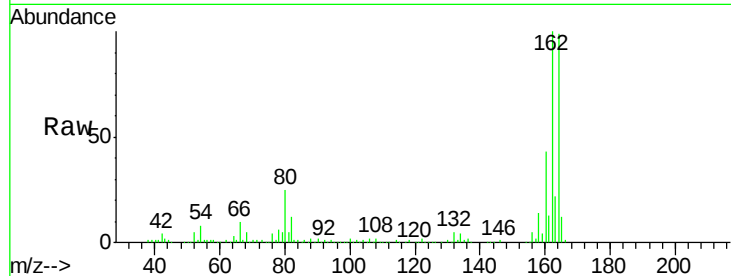




#50
 2,6-Dinitrotoluene
 Concen: 7.10 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083294.D
 Acq: 26 Nov 2015 1:15

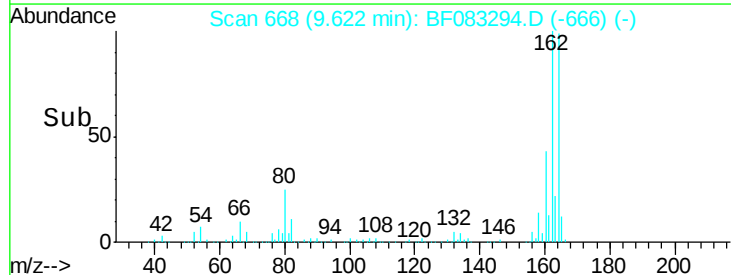
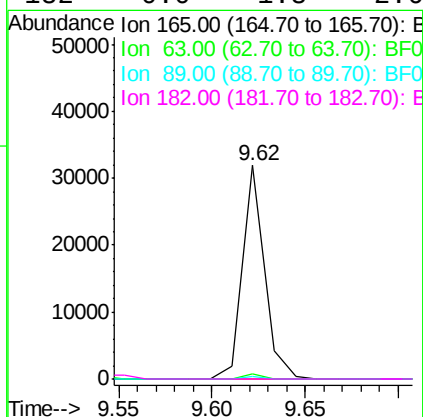
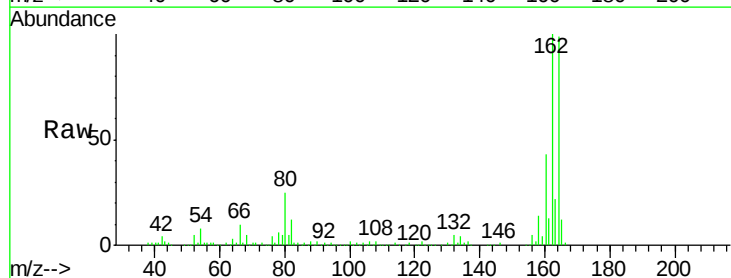
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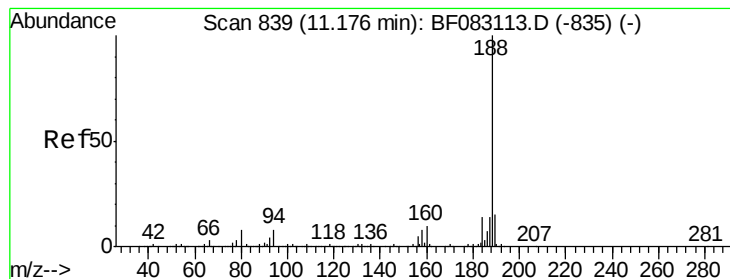
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	62.5	93.7#
89	1.3	59.1	88.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083294.D
 Acq: 26 Nov 2015 1:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	54.5	81.7#
89	1.3	77.3	115.9#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 797

Delta R.T. -0.08 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

Instrument :

BNA_F

ClientSampleId :

1511173891

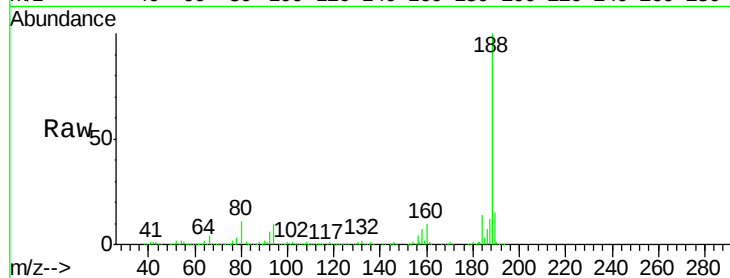
Tgt Ion:188 Resp: 381795

Ion Ratio Lower Upper

188 100

94 10.4 6.0 9.0#

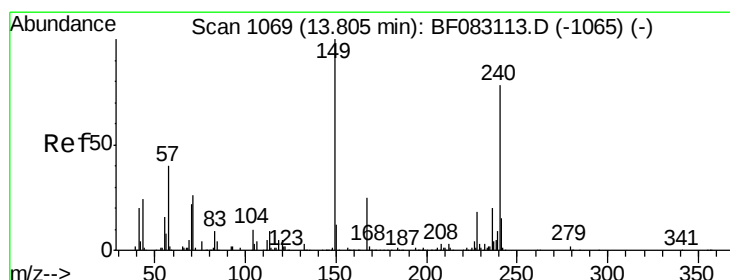
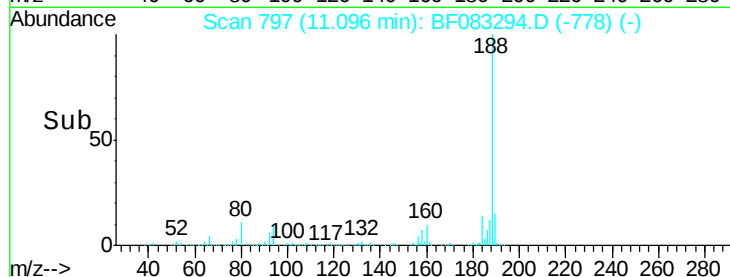
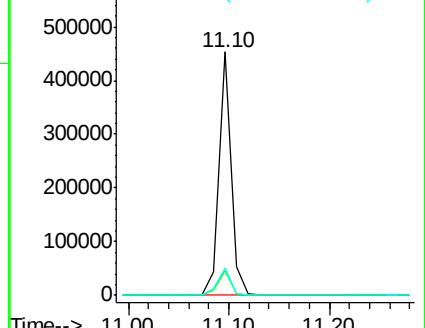
80 11.3 6.7 10.1#



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: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

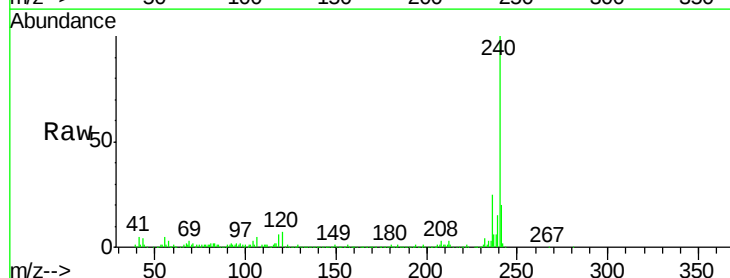
Tgt Ion:240 Resp: 419339

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.2

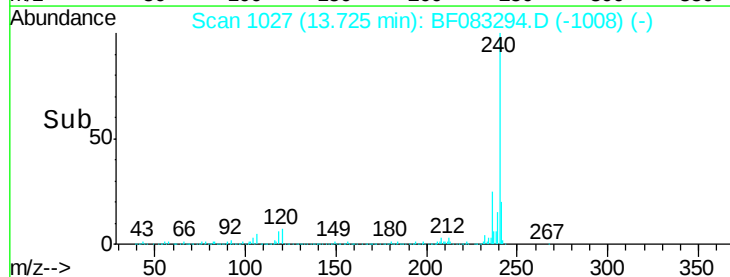
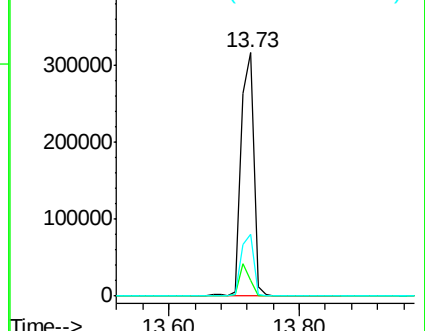
236 25.3 20.6 31.0

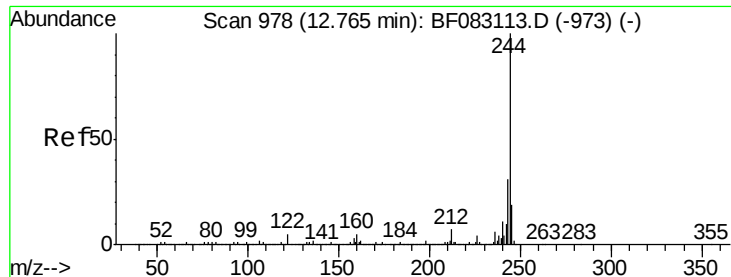


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3.71 ng

RT: 12.67 min Scan# 935

Delta R.T. -0.09 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

Instrument :

BNA_F

ClientSampleId :

1511173891

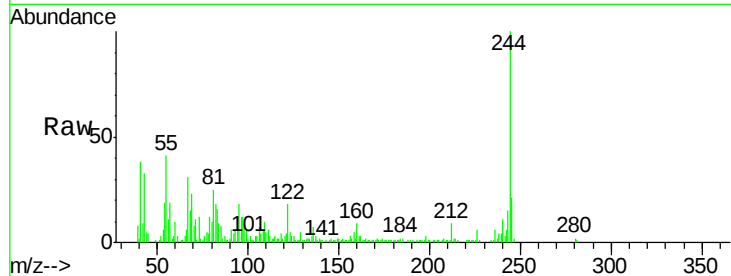
Tgt Ion:244 Resp: 66058

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.2#

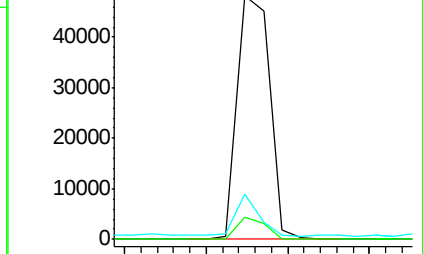
122 18.3 4.3 6.5#



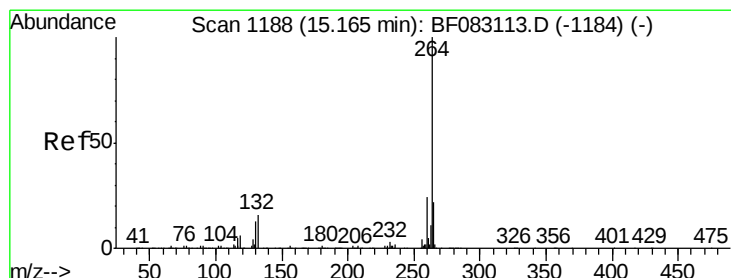
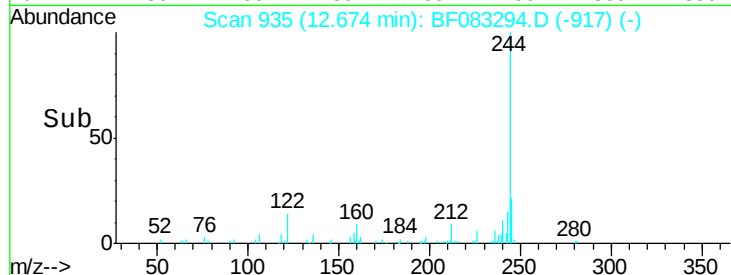
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.60 12.65 12.70 12.75



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083294.D

Acq: 26 Nov 2015 1:15

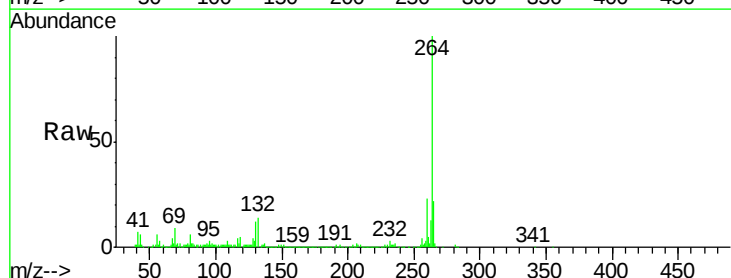
Tgt Ion:264 Resp: 306176

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

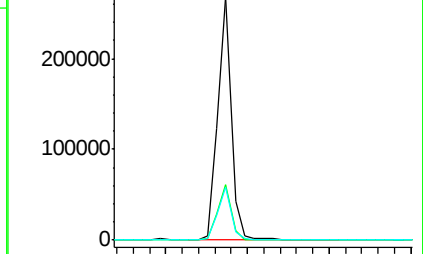
265 21.7 18.2 27.4



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



Time--> 15.00 15.10 15.20

