

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083321.D
 Acq On : 26 Nov 2015 15:58
 Operator : UM/IZ
 Sample : G4539-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:35:20 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

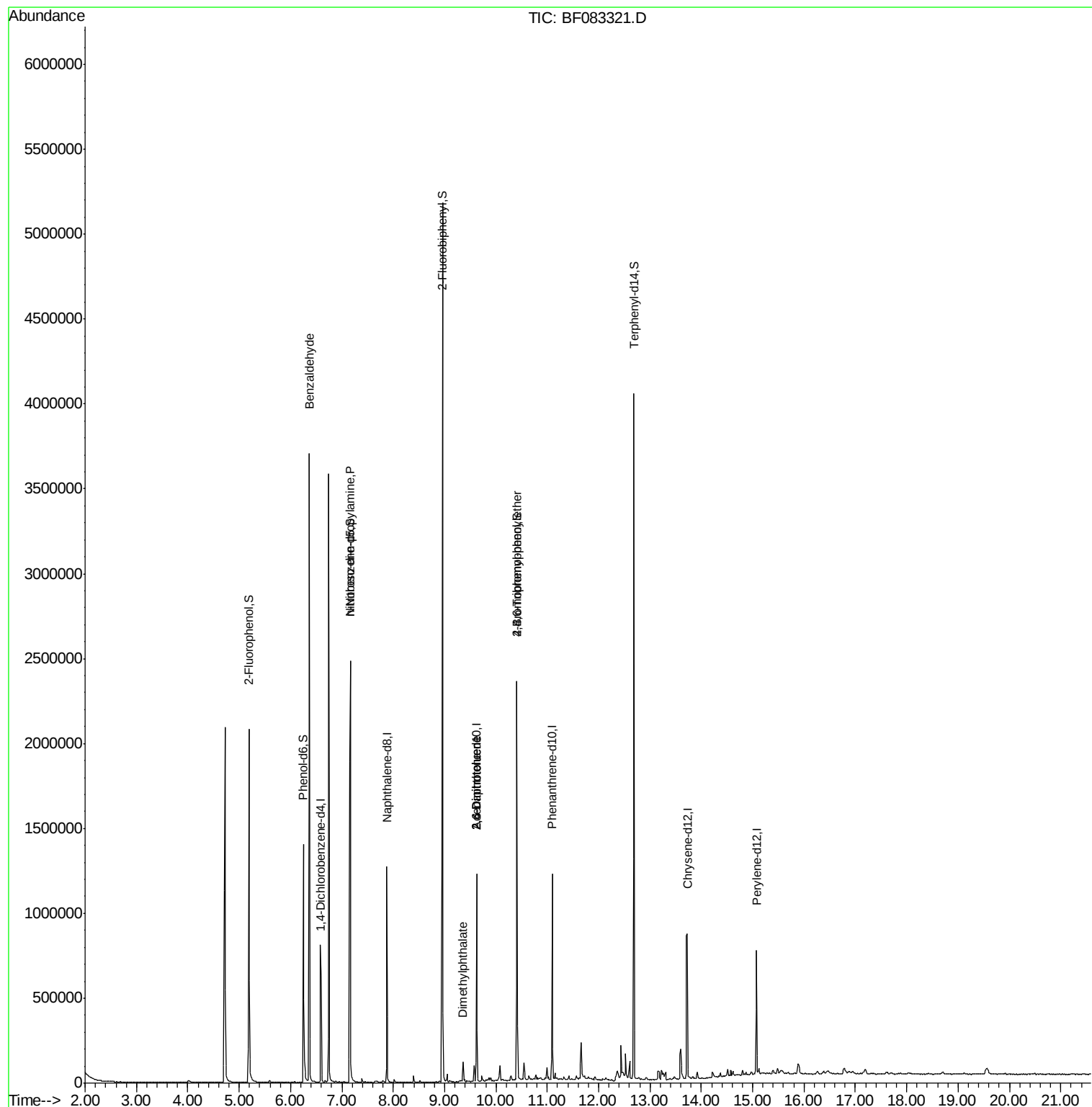
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	161741	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	576227	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	239592	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	412335	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	443635	20.00	ng	-0.08
86) Perylene-d12	15.07	264	329161	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	600404	56.12	ng	-0.09
7) Phenol-d6	6.25	99	503871	36.40	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1137832	90.23	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	244492	99.75	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1569002	91.32	ng	-0.07
78) Terphenyl-d14	12.69	244	1245316	66.10	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.36	77	27396	2.15	ng	# 76
19) n-Nitroso-di-n-propylamine	7.16	70	152604	15.84	ng	# 73
49) Dimethylphthalate	9.36	163	40806	2.21	ng	97
50) 2,6-Dinitrotoluene	9.62	165	30589	7.39	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	30590	5.83	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	17434	3.81	ng	# 1

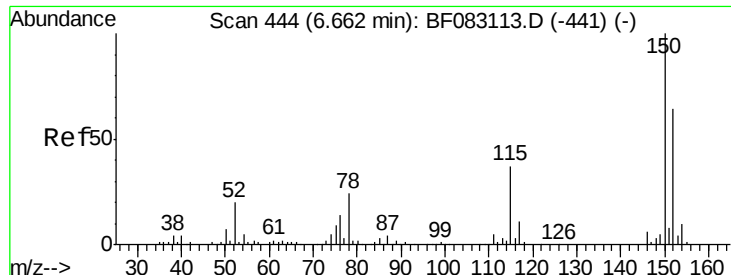
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 16:35:20 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



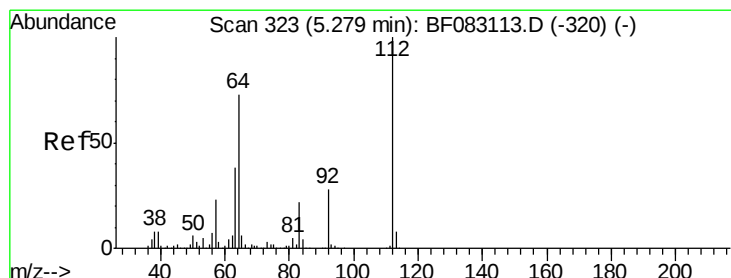
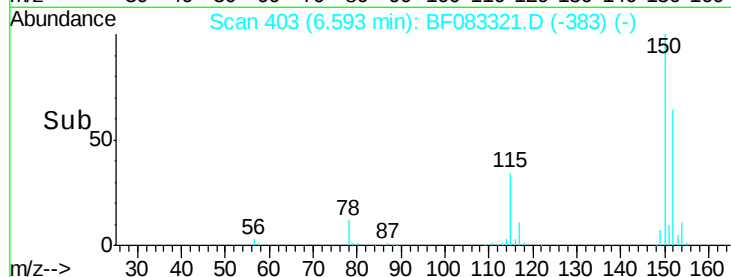
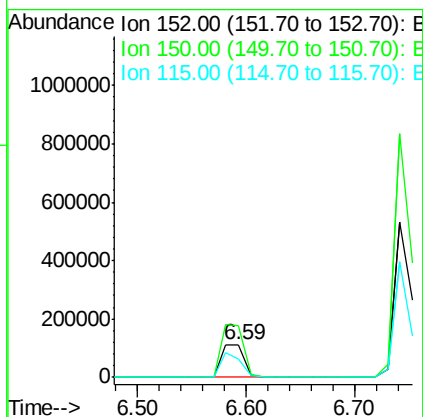
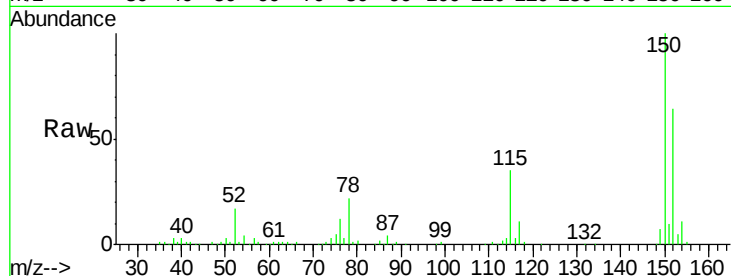


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083321.D
Acq: 26 Nov 2015 15:58

Instrument :
BNA_F
ClientSampleId :

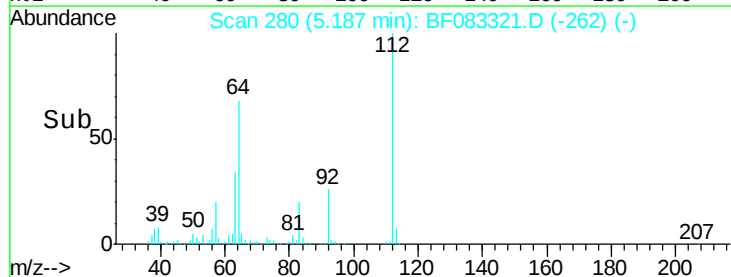
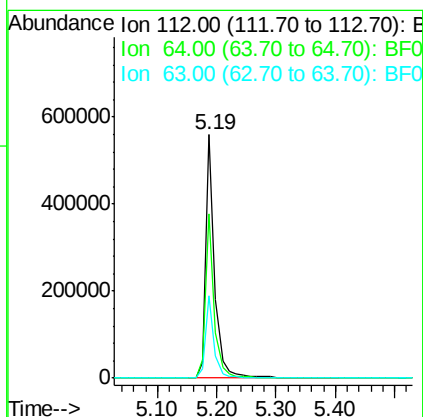
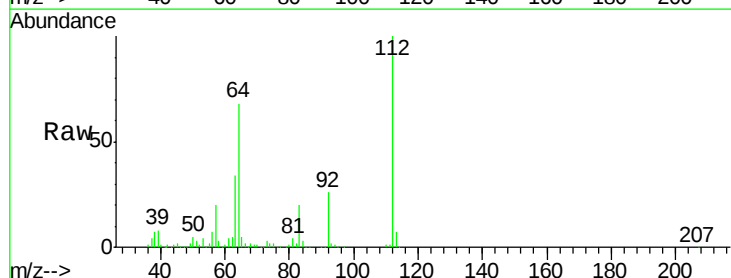
Tot Ion:152 Resp: 161741
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.8
115 53.9 46.9 70.3

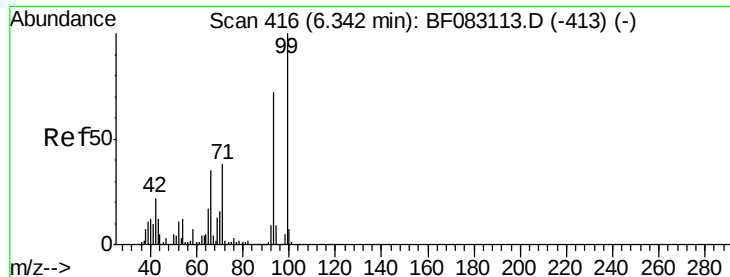


#5

2-Fluorophenol
Concen: 56.12 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083321.D
Acq: 26 Nov 2015 15:58

Tgt Ion:112 Resp: 600404
Ion Ratio Lower Upper
112 100
64 67.7 58.4 87.6
63 33.6 30.0 45.0





#7

Phenol-d6

Concen: 36.40 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083321.D

Acq: 26 Nov 2015 15:58

Instrument :

BNA_F

ClientSampleId :

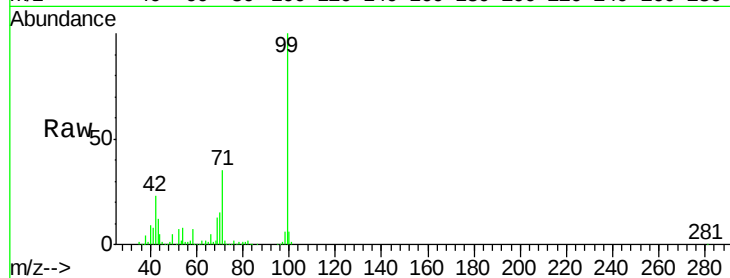
Tot Ion: 99 Resp: 503871

Ion Ratio Lower Upper

99 100

42 22.6 17.7 26.5

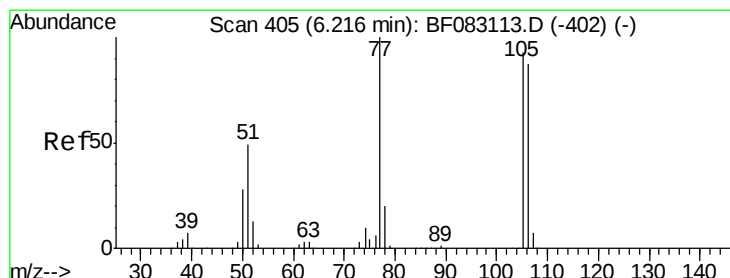
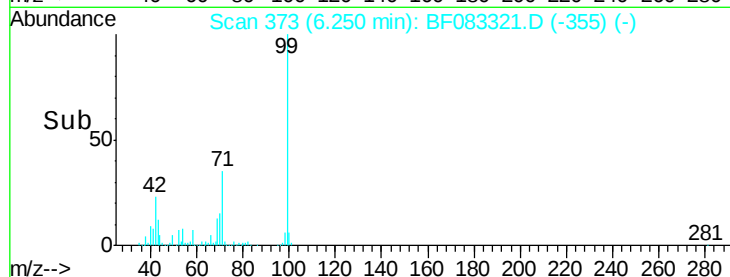
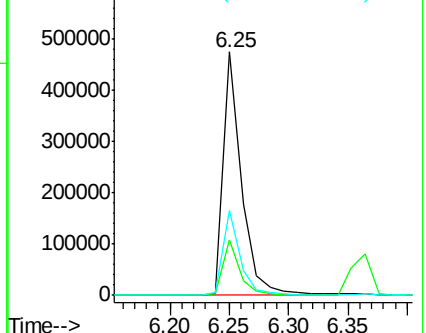
71 34.6 30.2 45.4



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



#9

Benzaldehyde

Concen: 2.15 ng

RT: 6.36 min Scan# 383

Delta R.T. 0.15 min

Lab File: BF083321.D

Acq: 26 Nov 2015 15:58

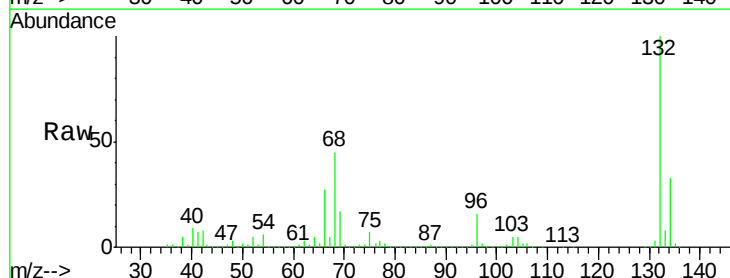
Tgt Ion: 77 Resp: 27396

Ion Ratio Lower Upper

77 100

105 74.1 73.4 113.4

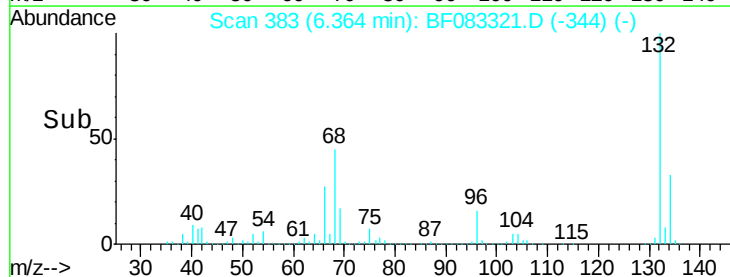
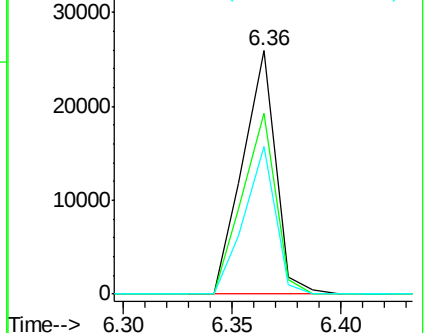
106 60.8 67.5 107.5#

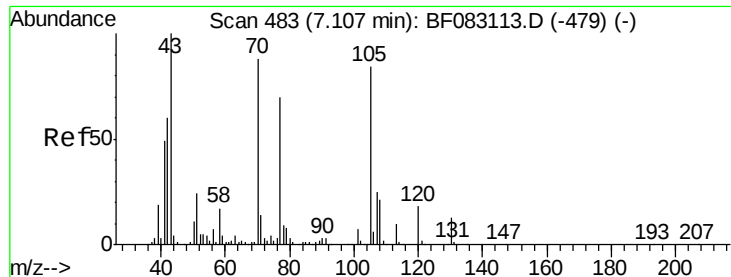


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

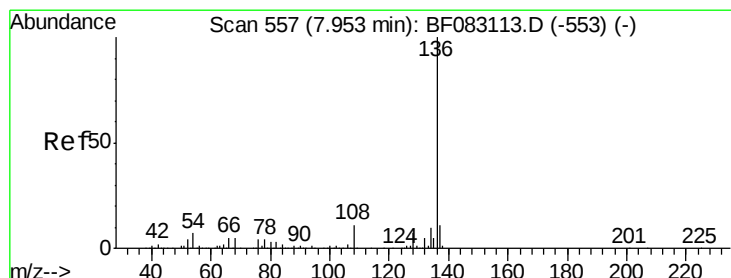
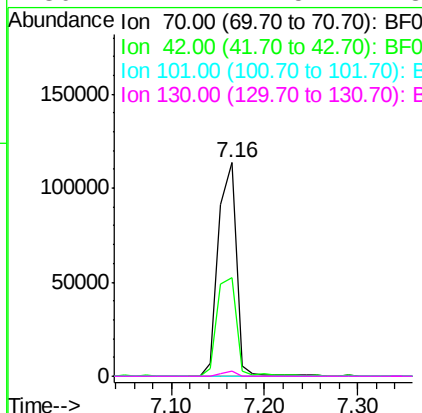
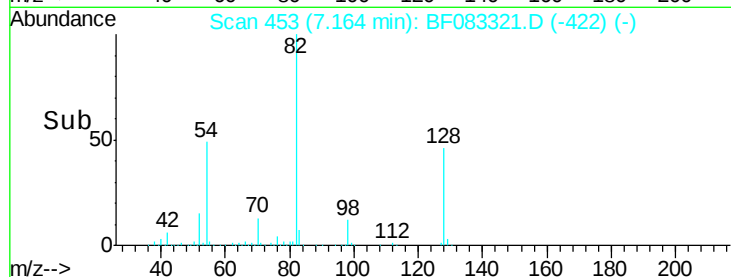
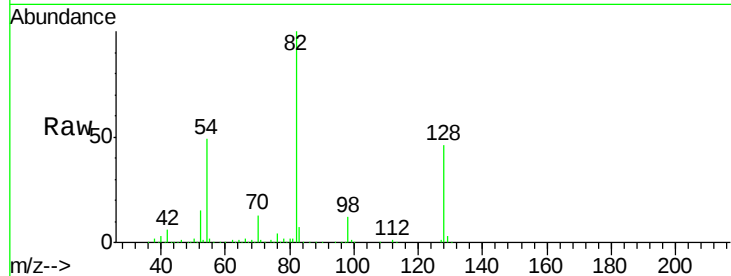




#19
n-Nitroso-di-n-propylamine
Concen: 15.84 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.06 min
Lab File: BF083321.D
Acq: 26 Nov 2015 15:58

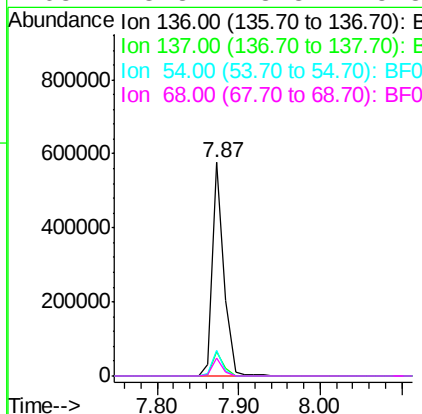
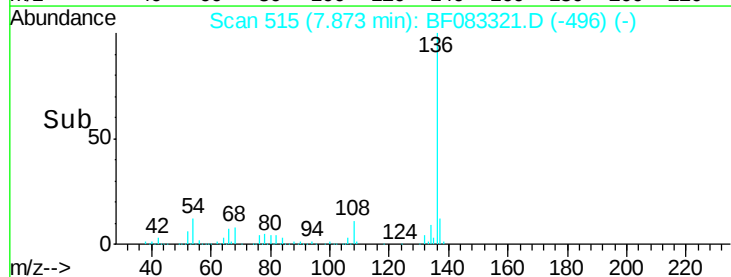
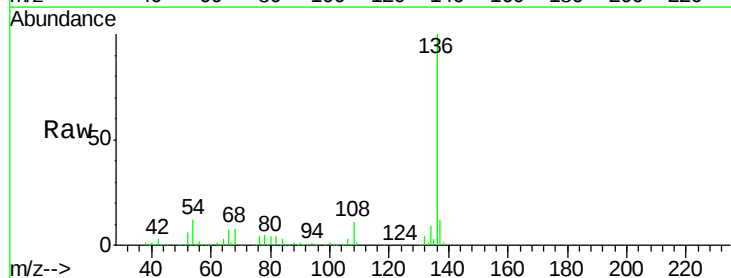
Instrument :
BNA_F
ClientSampleId :

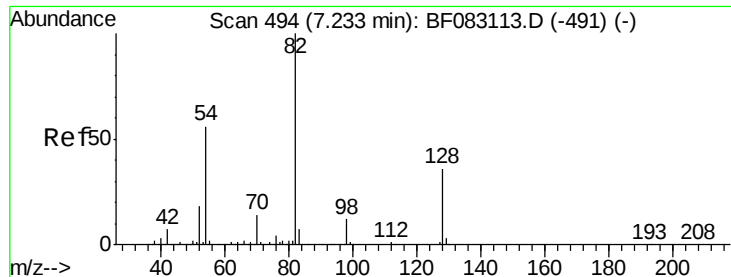
Tot Ion: 70 Resp: 152604
Ion Ratio Lower Upper
70 100
42 46.1 54.5 81.7#
101 0.0 6.6 9.8#
130 2.2 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083321.D
Acq: 26 Nov 2015 15:58

Tgt Ion: 136 Resp: 576227
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 12.2 5.8 8.6#
68 8.3 3.8 5.8#

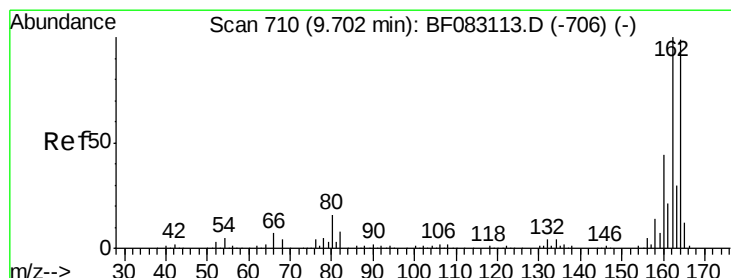
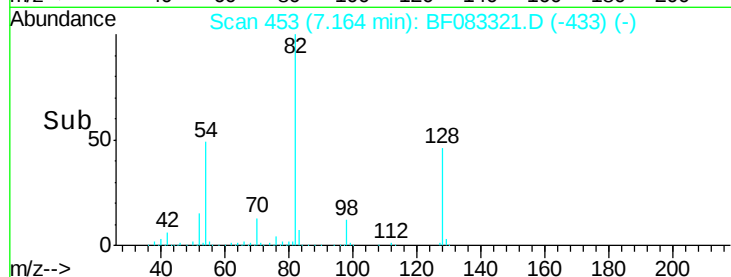
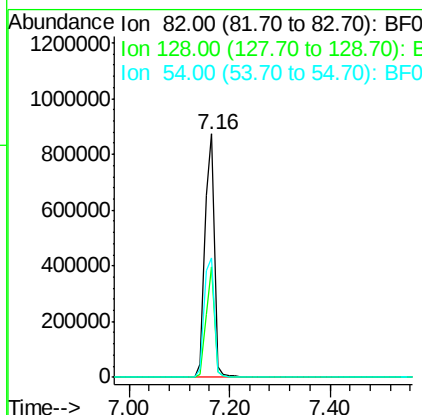
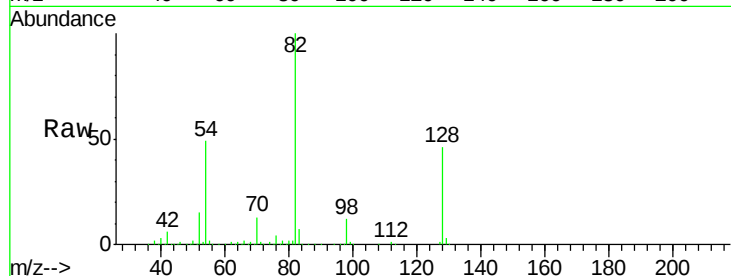




#23
 Nitrobenzene-d5
 Concen: 90.23 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083321.D
 Acq: 26 Nov 2015 15:58

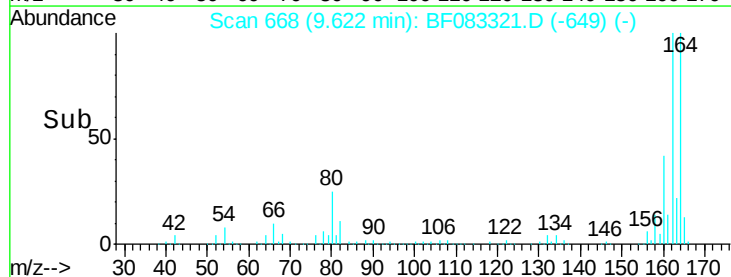
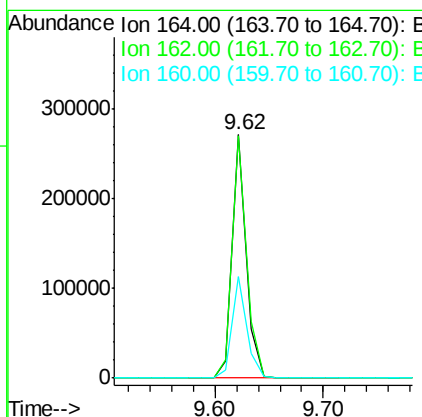
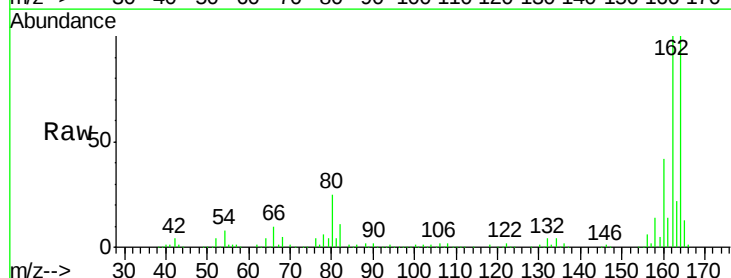
Instrument :
 BNA_F
 ClientSampled :

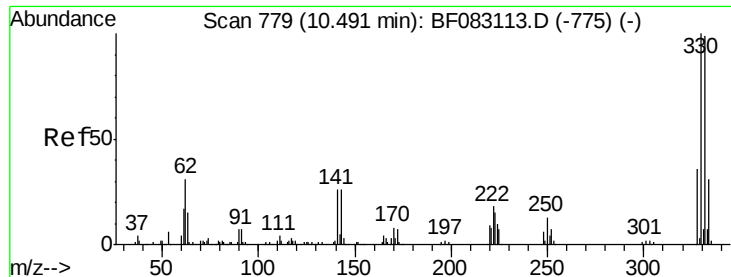
Tot Ion: 82 Resp: 1137832
 Ion Ratio Lower Upper
 82 100
 128 45.6 28.5 42.7#
 54 49.1 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083321.D
 Acq: 26 Nov 2015 15:58

Tgt Ion:164 Resp: 239592
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.2 121.8
 160 41.9 35.6 53.4

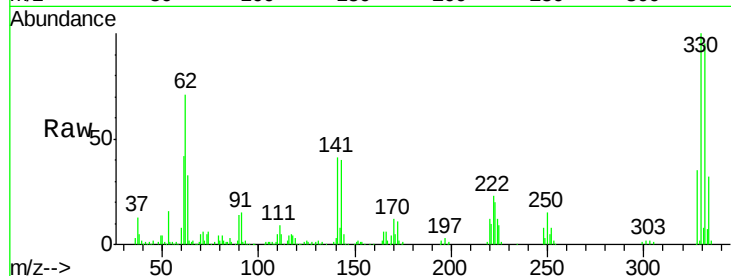




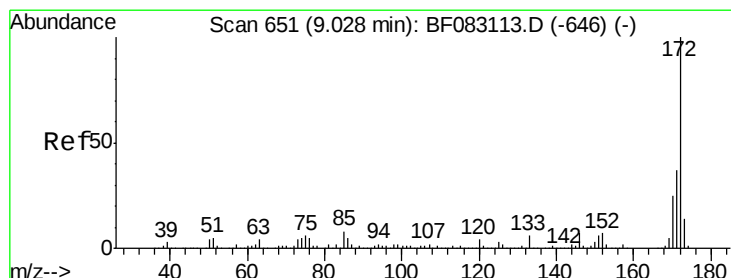
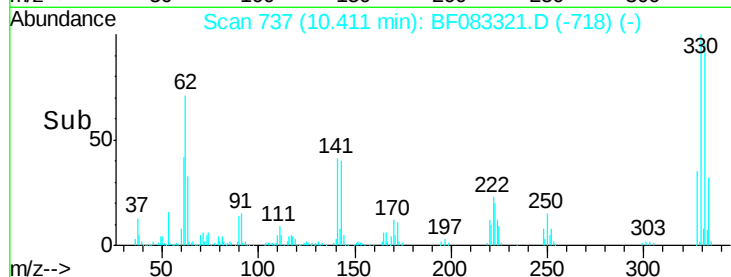
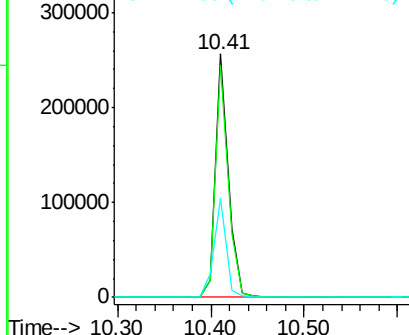
#41
 2,4,6-Tribromophenol
 Concen: 99.75 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083321.D
 Acq: 26 Nov 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.7	116.5
141	39.5	29.7	44.5

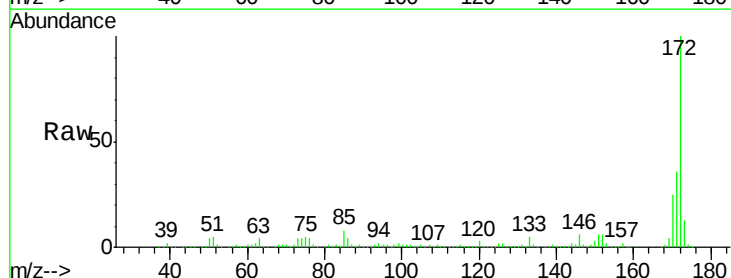


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

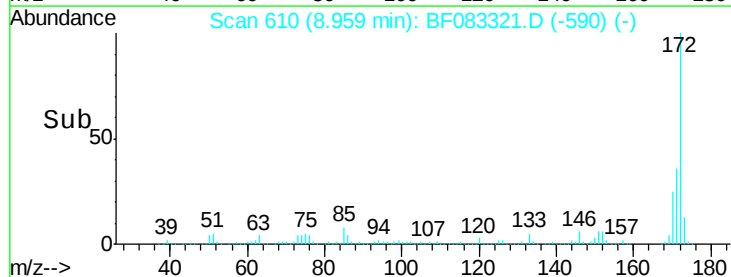
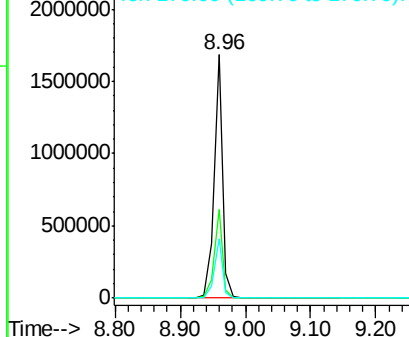


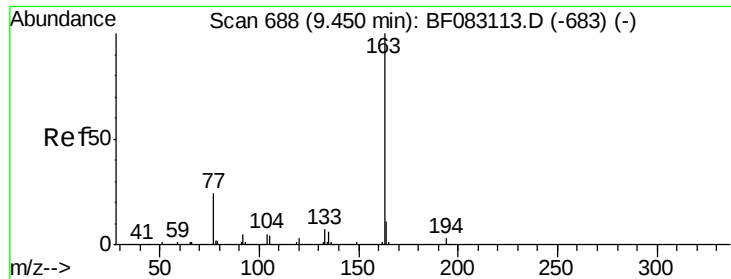
#44
 2-Fluorobiphenyl
 Concen: 91.32 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083321.D
 Acq: 26 Nov 2015 15:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.6	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

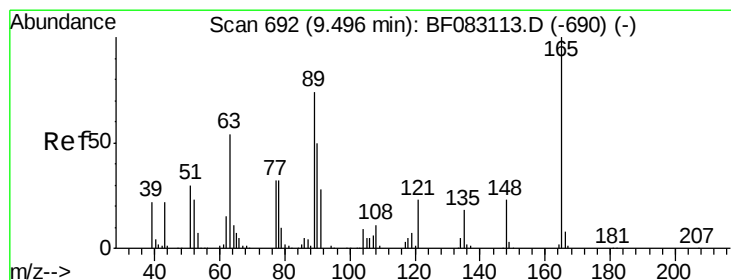
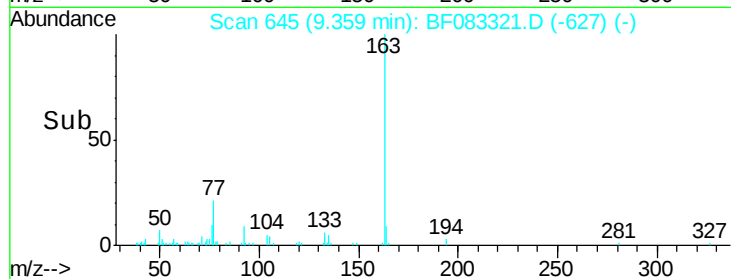
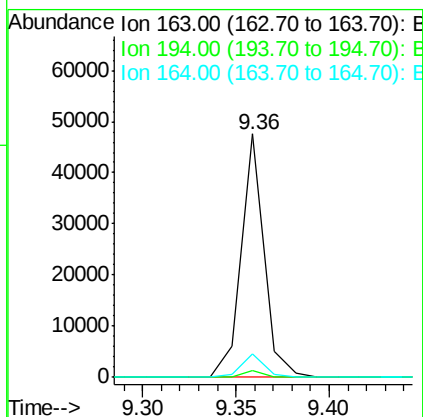
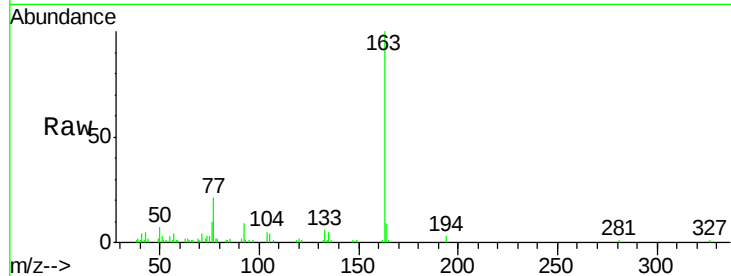




#49
Dimethylphthalate
Concen: 2.21 ng
RT: 9.36 min Scan# 645
Delta R.T. -0.09 min
Lab File: BF083321.D
Acq: 26 Nov 2015 15:58

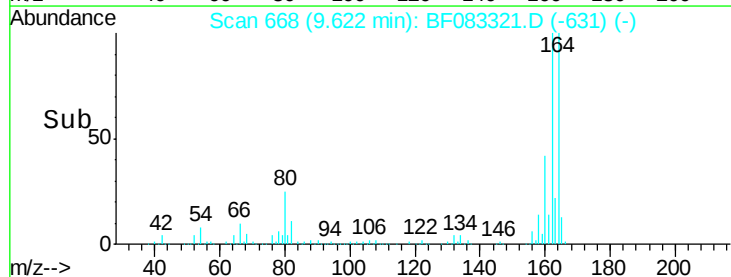
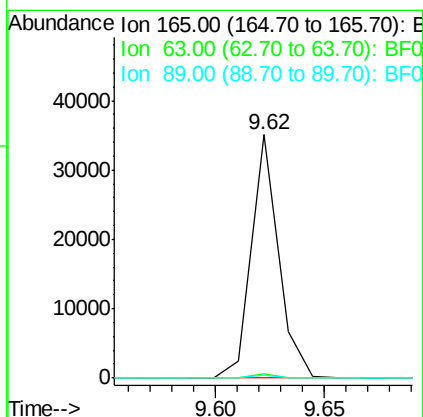
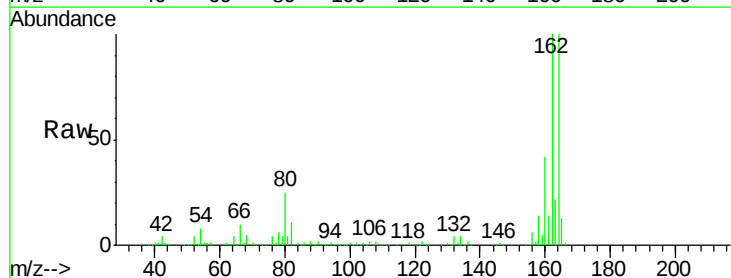
Instrument :
BNA_F
ClientSampleId :

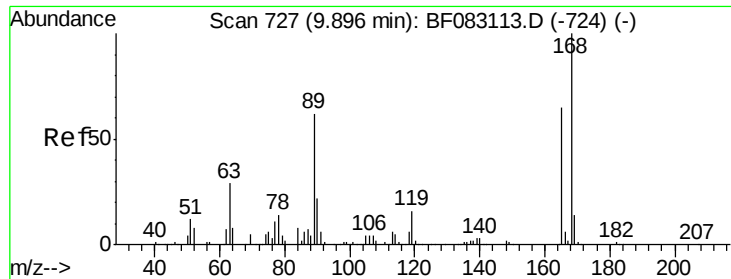
Tot Ion:163 Resp: 40806
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.5 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 7.39 ng
RT: 9.62 min Scan# 668
Delta R.T. 0.13 min
Lab File: BF083321.D
Acq: 26 Nov 2015 15:58

Tgt Ion:165 Resp: 30589
Ion Ratio Lower Upper
165 100
63 1.8 62.5 93.7#
89 1.0 59.1 88.7#

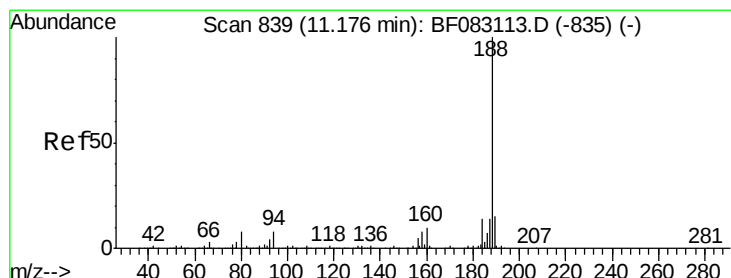
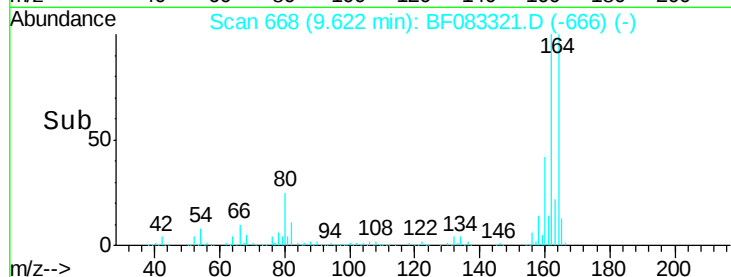
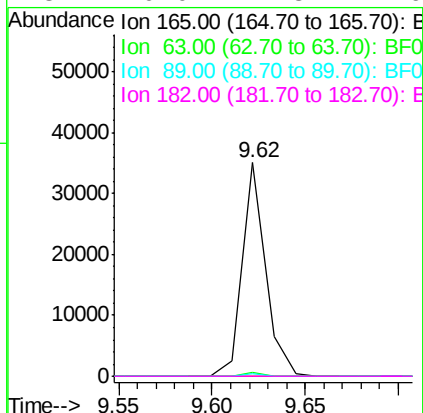
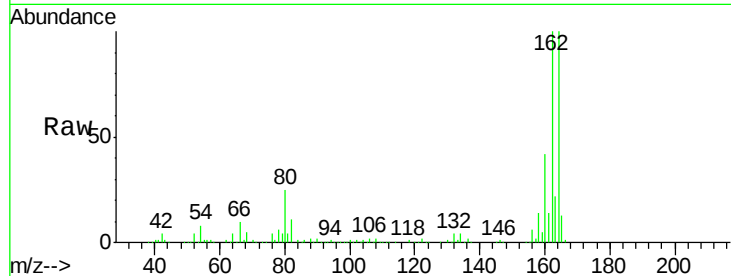




#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083321.D
 Acq: 26 Nov 2015 15:58

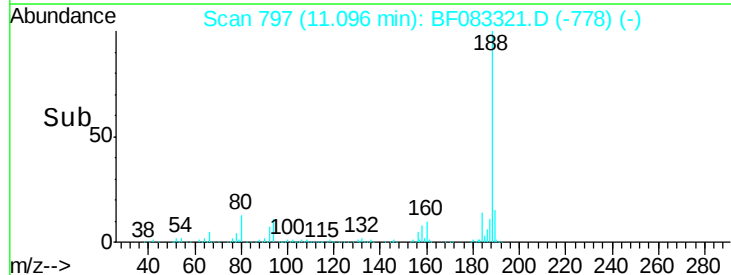
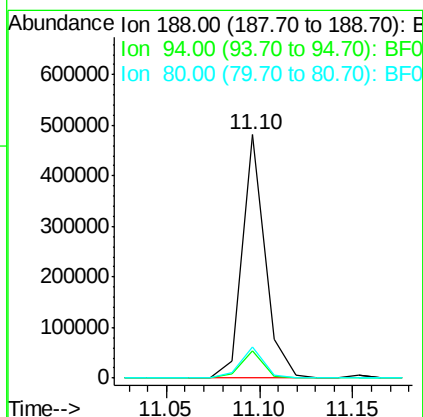
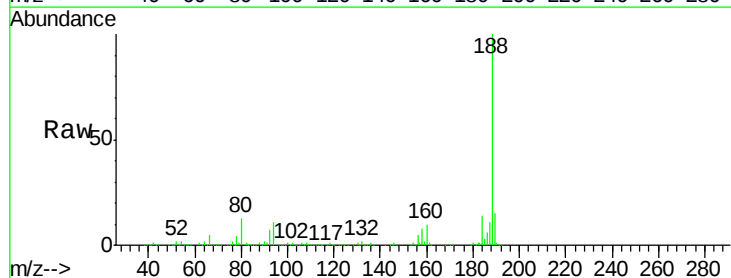
Instrument :
 BNA_F
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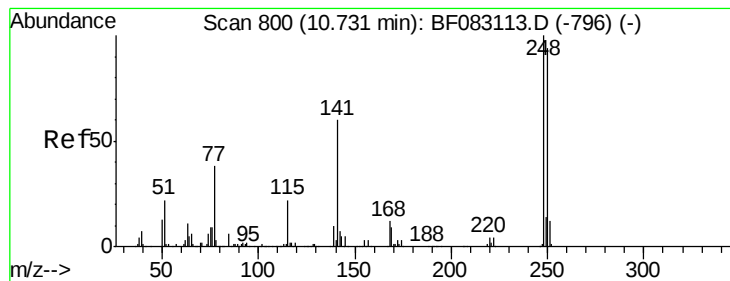
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	54.5	81.7#
89	1.0	77.3	115.9#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF083321.D
 Acq: 26 Nov 2015 15:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	6.0	9.0#
80	12.6	6.7	10.1#





#66

4-Bromophenyl-phenylether

Concen: 3.81 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.32 min

Lab File: BF083321.D

Acq: 26 Nov 2015 15:58

Instrument :

BNA_F

ClientSampleId :

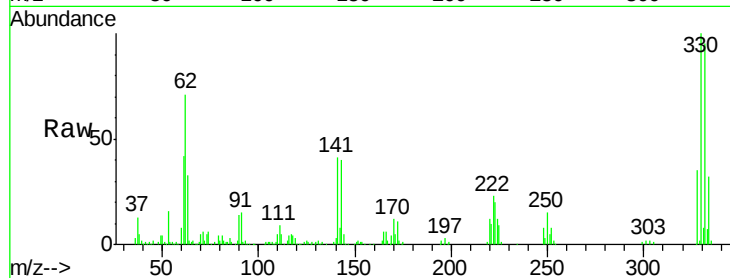
Tot Ion:248 Resp: 17434

Ion Ratio Lower Upper

248 100

250 196.5 75.4 113.2#

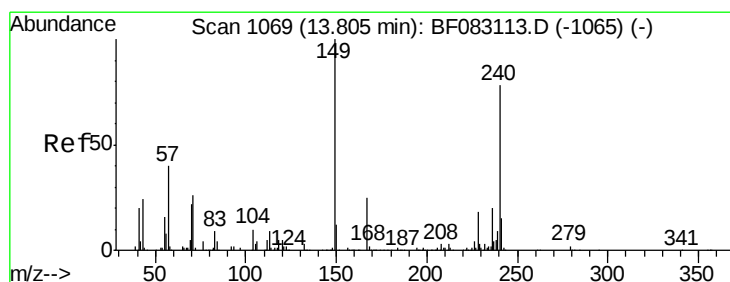
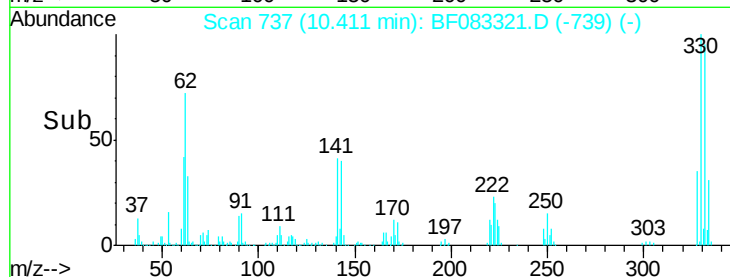
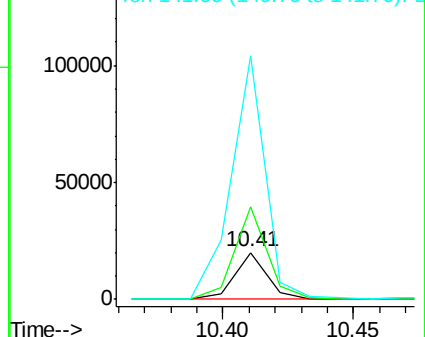
141 516.7 48.1 72.1#



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: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083321.D

Acq: 26 Nov 2015 15:58

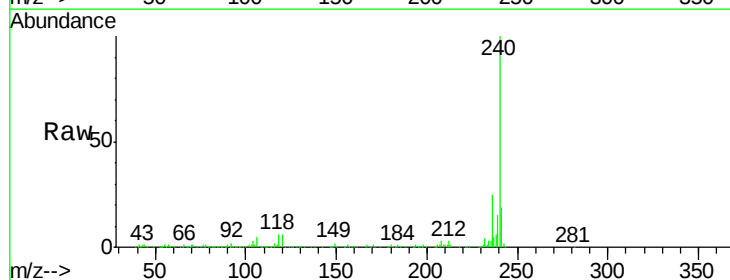
Tgt Ion:240 Resp: 443635

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.2

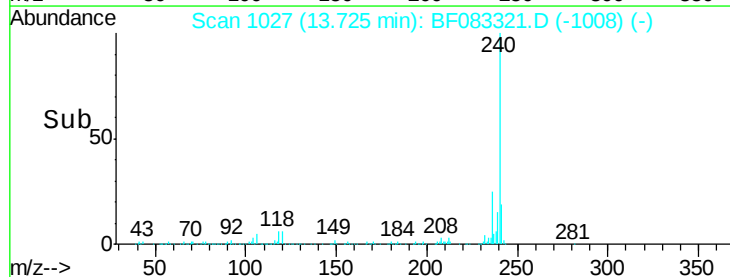
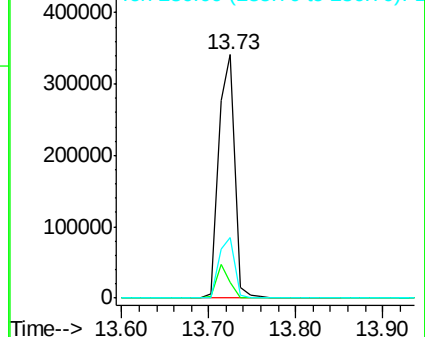
236 24.8 20.6 31.0

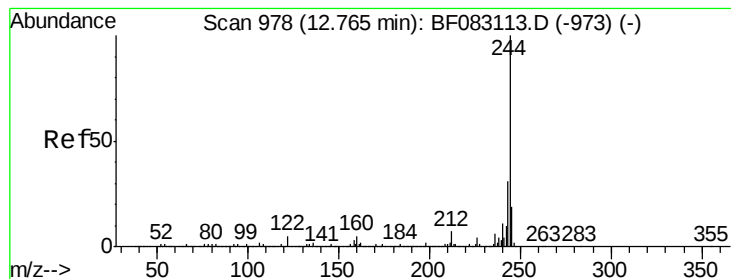


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.10 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083321.D

Acq: 26 Nov 2015 15:58

Instrument :

BNA_F

ClientSampleId :

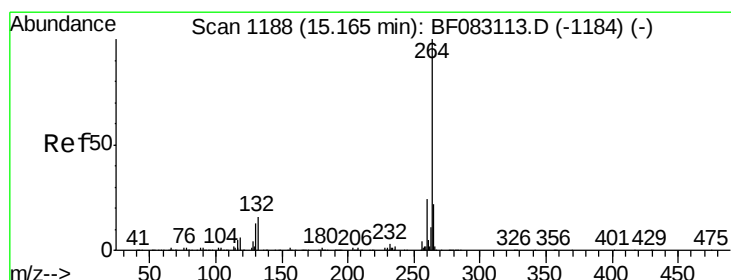
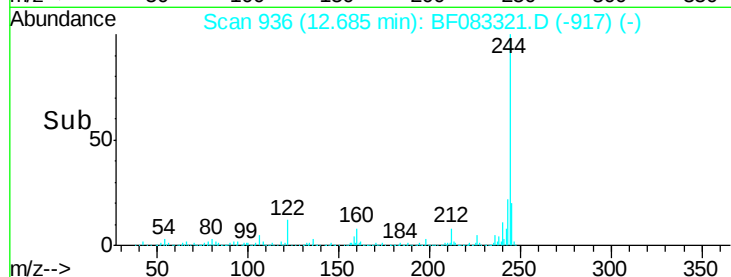
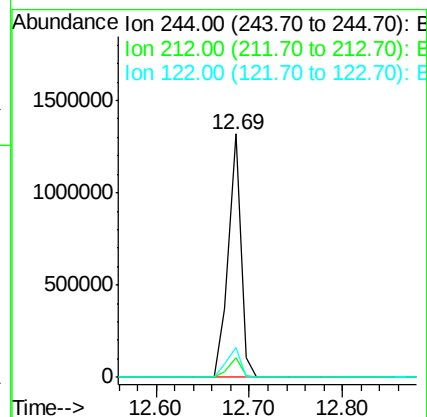
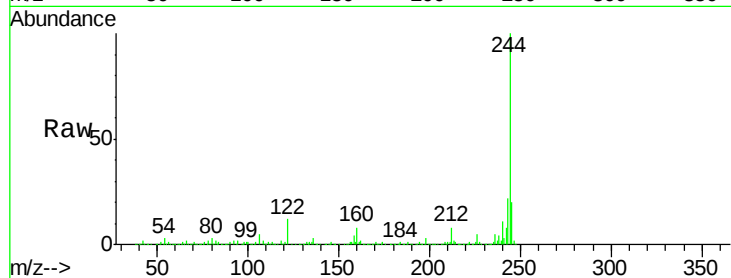
Tot Ion:244 Resp: 1245316

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

122 12.1 4.3 6.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083321.D

Acq: 26 Nov 2015 15:58

Tgt Ion:264 Resp: 329161

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.4 18.2 27.4

