

Data Path : Z:\HPCHEM1\BNA F\Data\BF020316\
 Data File : BF084825.D
 Acq On : 4 Feb 2016 10:12
 Operator : SJ/IZ
 Sample : H1322-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 10:48:44 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

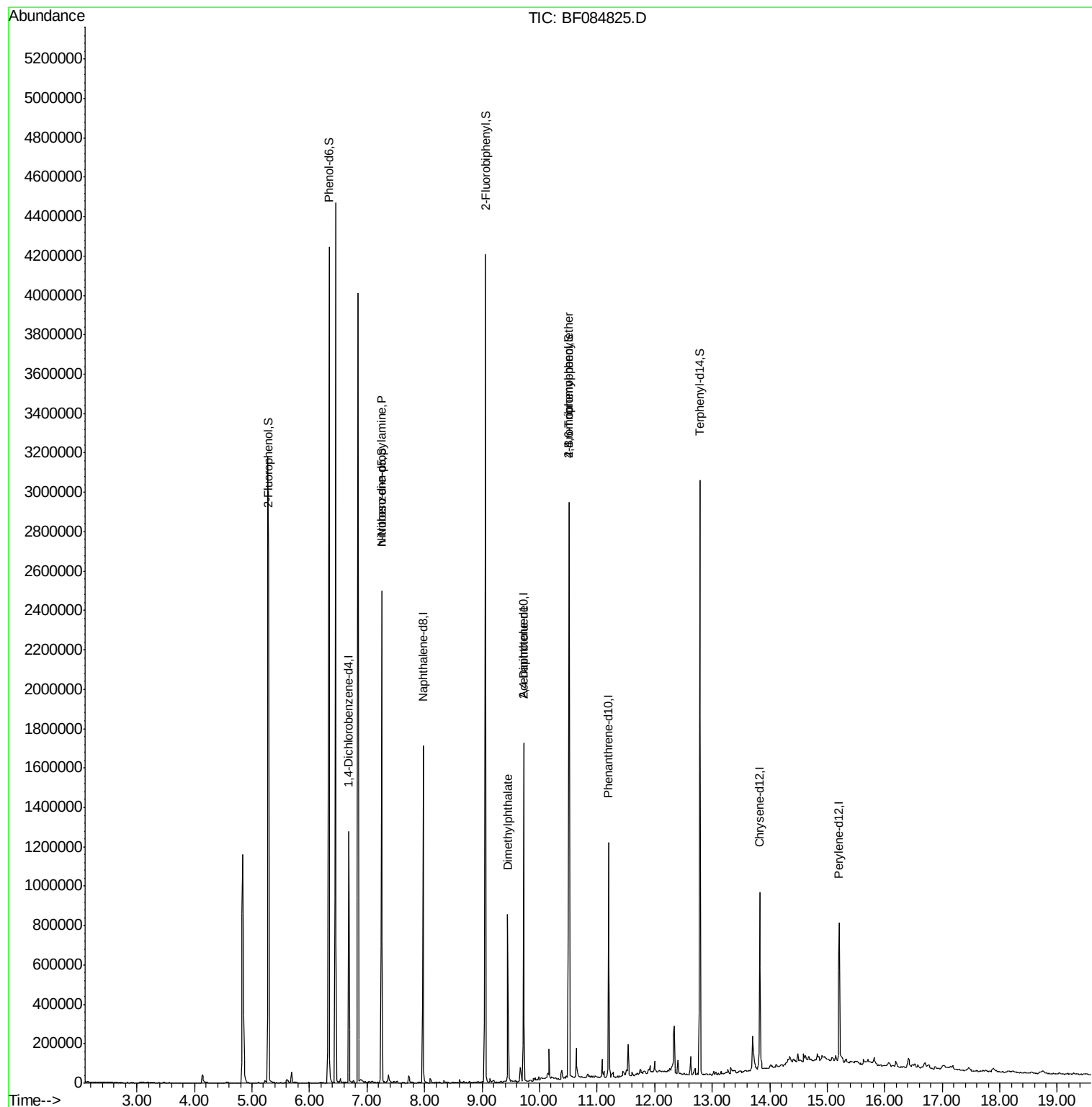
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	173691	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	752102	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	316736	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	507854	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	354280	20.00	ng	-0.01
86) Perylene-d12	15.21	264	336978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1262938	113.26	ng	0.01
7) Phenol-d6	6.34	99	1583262	114.53	ng	0.00
23) Nitrobenzene-d5	7.25	82	904742	67.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	312692	94.65	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1708347	94.29	ng	0.00
78) Terphenyl-d14	12.78	244	1189728	76.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	120288	13.88	ng	# 70
49) Dimethylphthalate	9.45	163	369864	15.33	ng	# 89
56) 2,4-Dinitrotoluene	9.72	165	40077	5.96	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	21024	3.75	ng	# 1

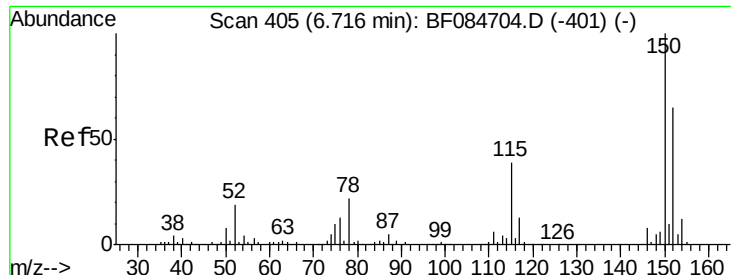
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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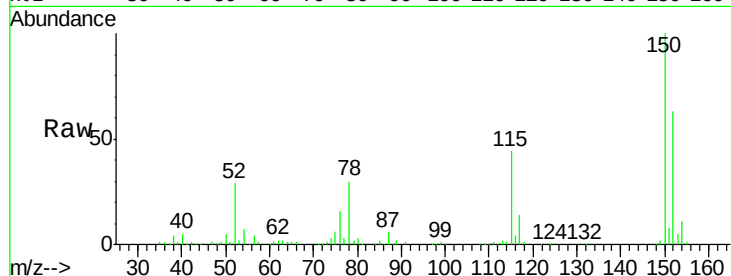


#1

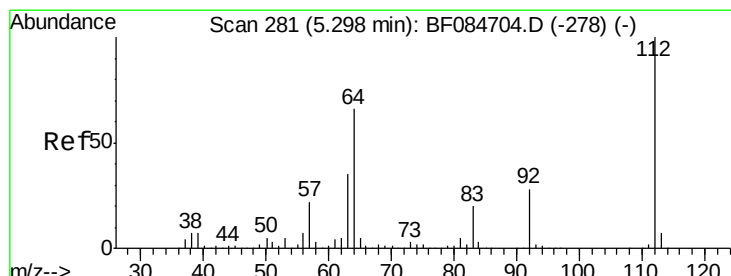
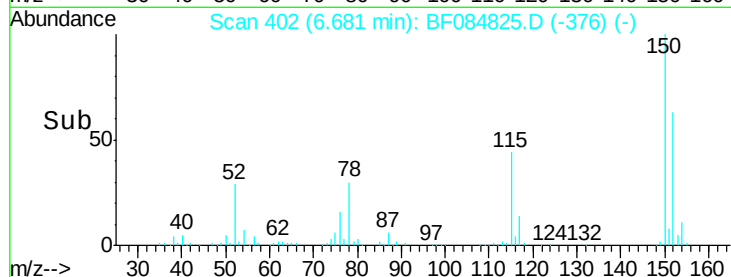
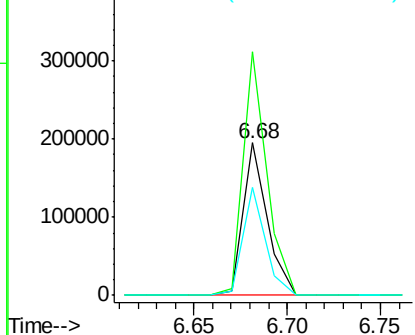
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BF084825.D
 Acq: 4 Feb 2016 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.0	184.4
115	71.1	51.4	77.2



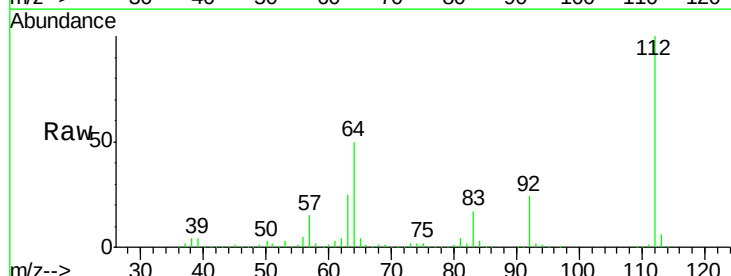
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



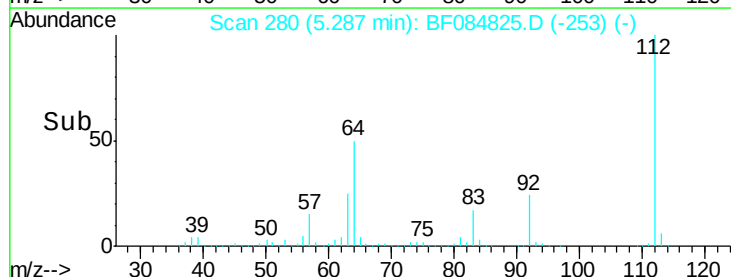
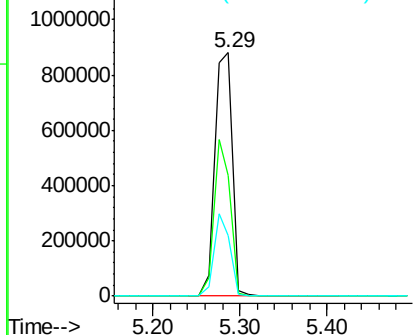
#5

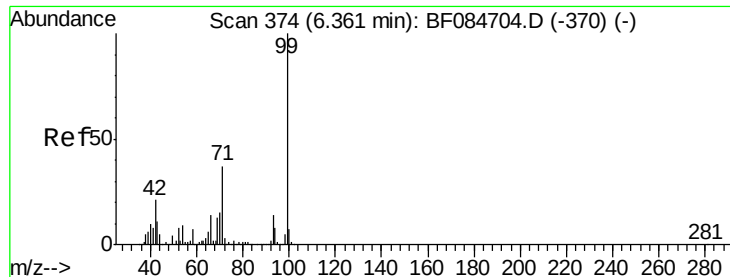
2-Fluorophenol
 Concen: 113.26 ng
 RT: 5.29 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: BF084825.D
 Acq: 4 Feb 2016 10:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	36.6	55.0
63	25.1	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: 114.53 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084825.D

Acq: 4 Feb 2016 10:12

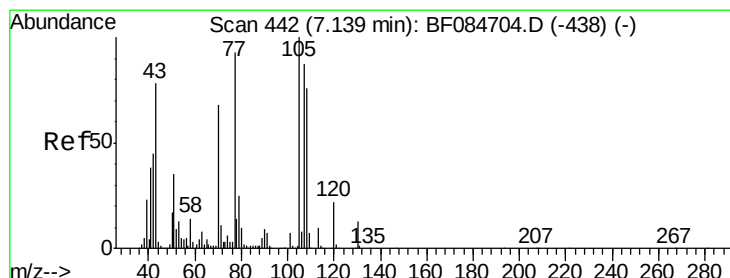
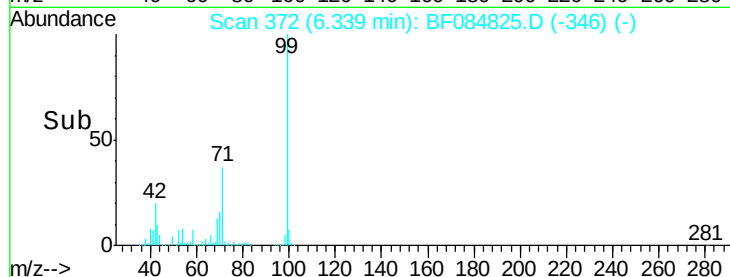
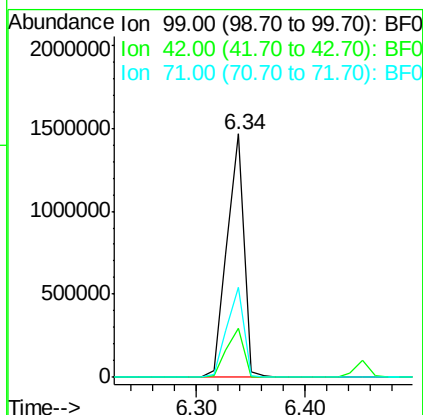
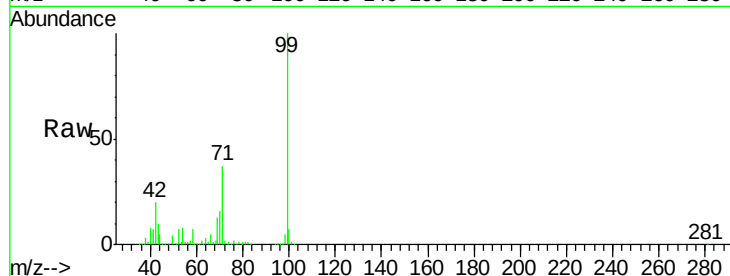
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1583262

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	37.2	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.88 ng

RT: 7.25 min Scan# 452

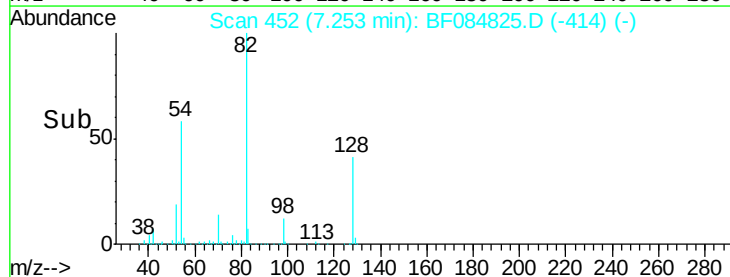
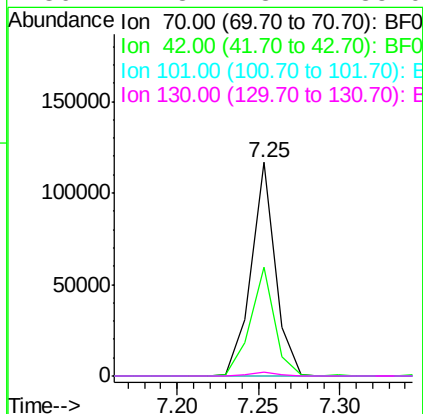
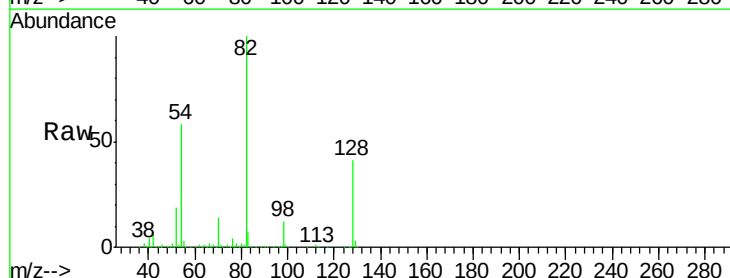
Delta R.T. 0.14 min

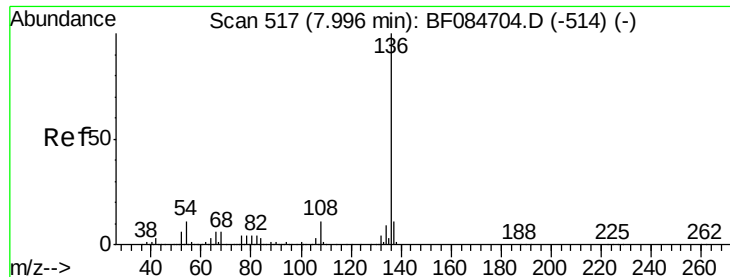
Lab File: BF084825.D

Acq: 4 Feb 2016 10:12

Tgt Ion: 70 Resp: 120288

Ion	Ratio	Lower	Upper
70	100		
42	51.2	33.3	49.9#
101	0.0	9.3	13.9#
130	1.8	23.4	35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084825.D

Acq: 4 Feb 2016 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 752102

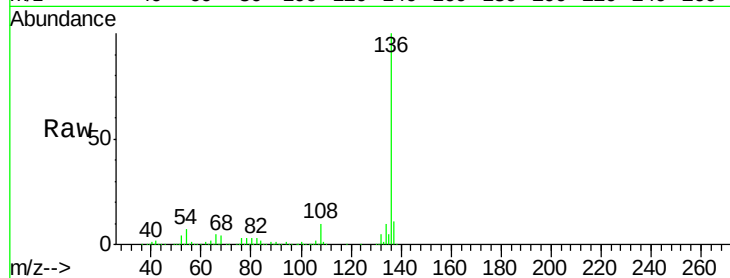
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.2 5.8 8.8

68 4.3 4.2 6.2

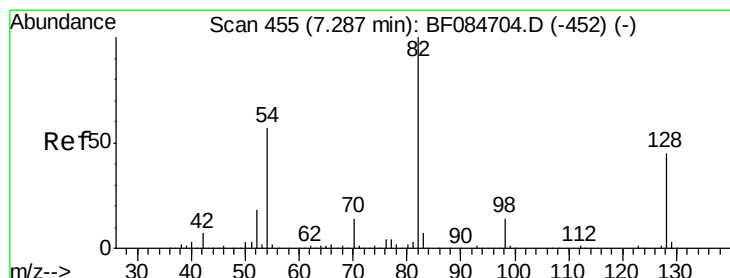
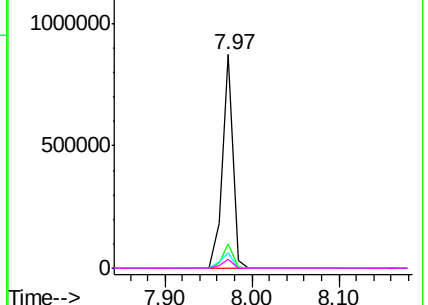
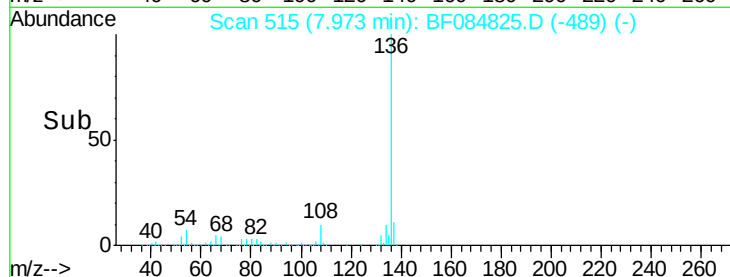


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.77 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084825.D

Acq: 4 Feb 2016 10:12

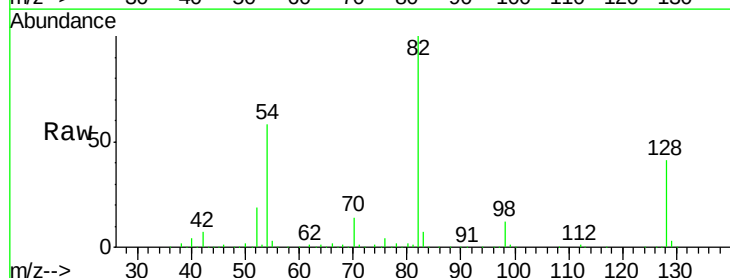
Tgt Ion: 82 Resp: 904742

Ion Ratio Lower Upper

82 100

128 40.8 34.6 51.8

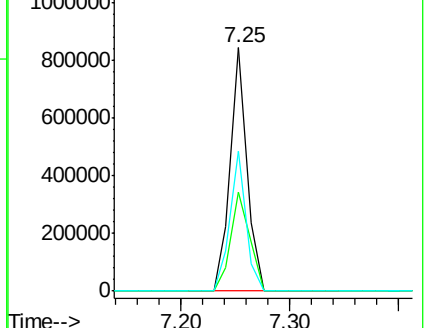
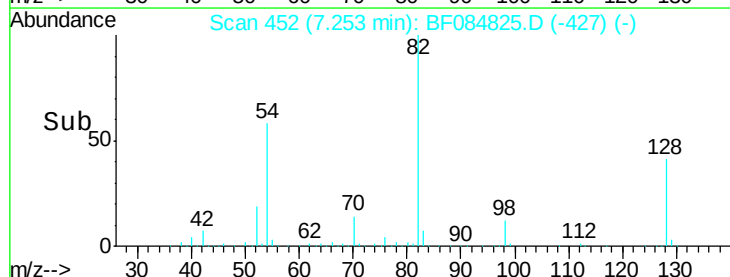
54 57.6 38.4 57.6

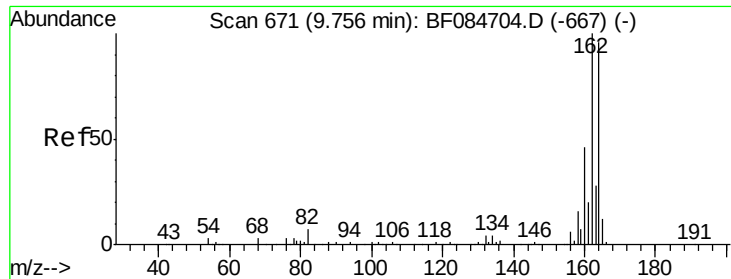


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

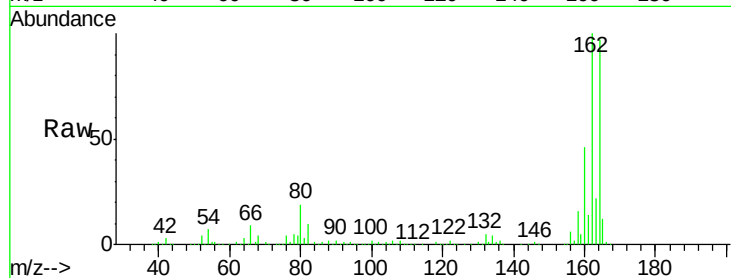




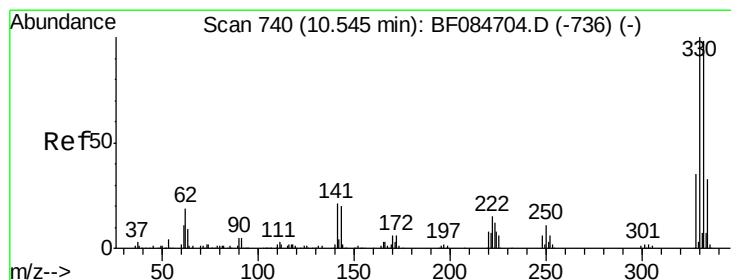
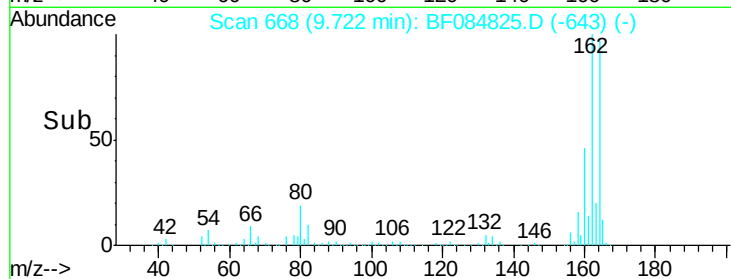
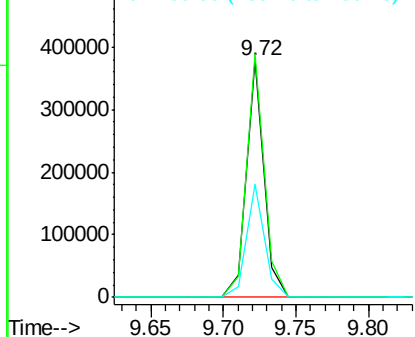
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084825.D
 Acq: 4 Feb 2016 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 316736
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.1 127.7
 160 47.7 37.5 56.3

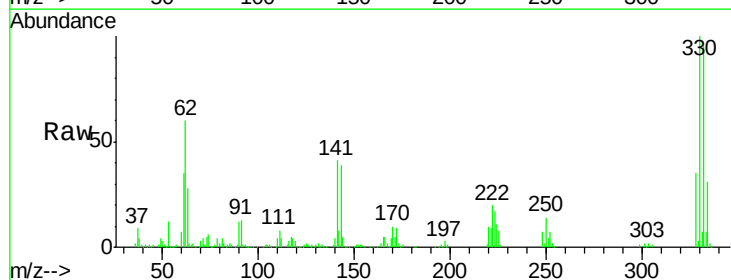


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

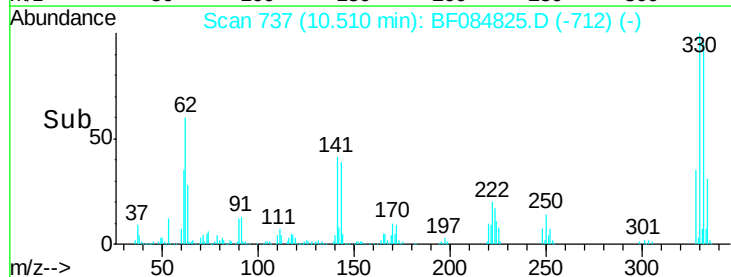
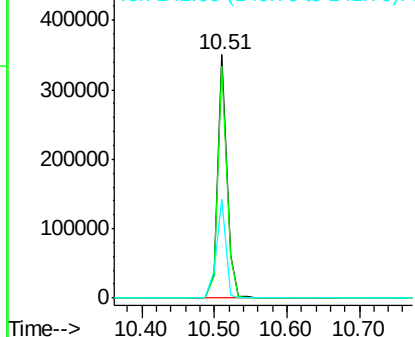


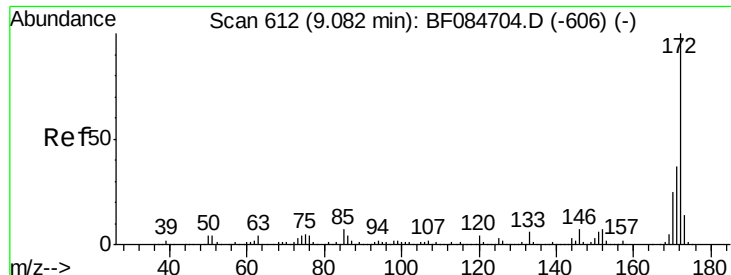
#41
 2,4,6-Tribromophenol
 Concen: 94.65 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084825.D
 Acq: 4 Feb 2016 10:12

Tgt Ion:330 Resp: 312692
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 41.7 27.8 41.6#



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

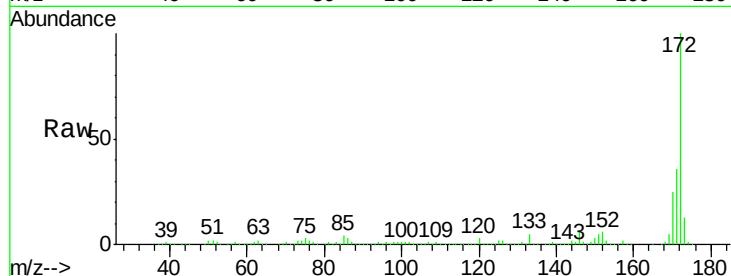




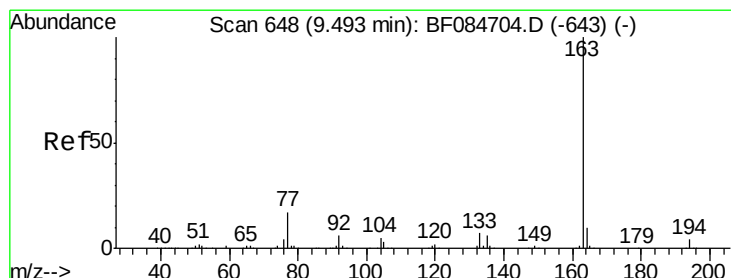
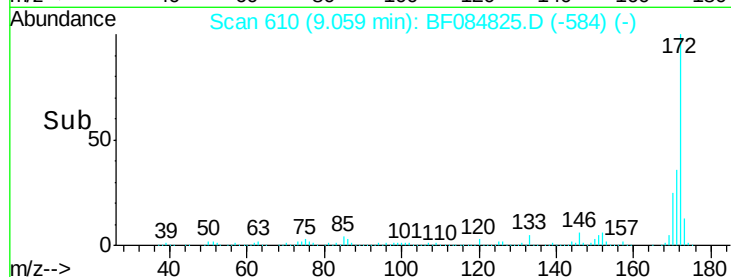
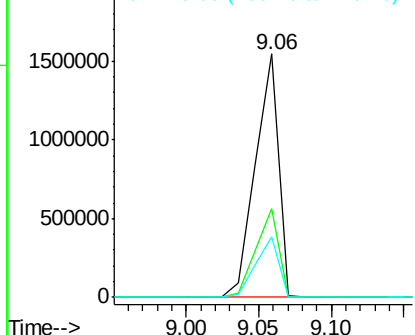
#44
2-Fluorobiphenyl
Concen: 94.29 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF084825.D
Acq: 4 Feb 2016 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1708347
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.7 18.6 27.8

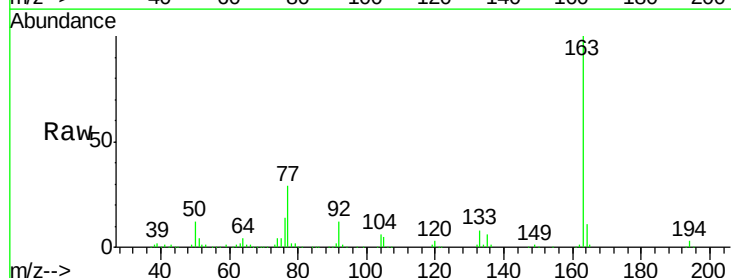


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

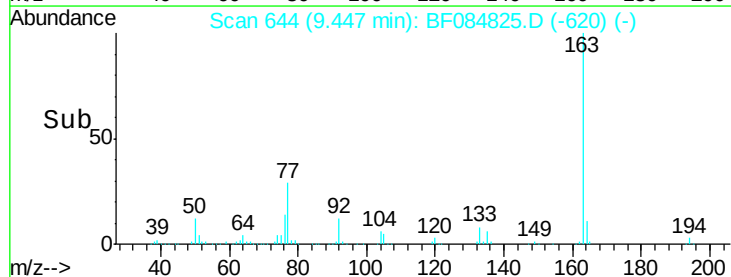
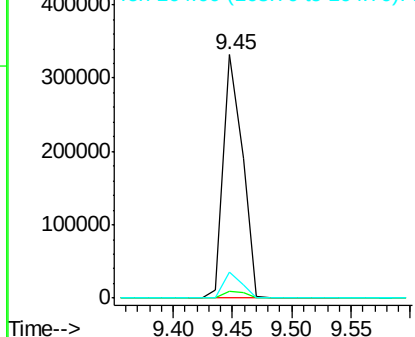


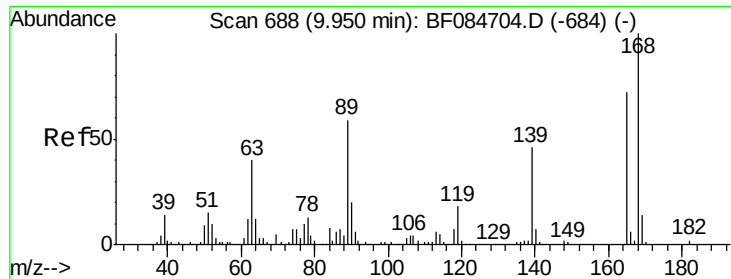
#49
Dimethylphthalate
Concen: 15.33 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084825.D
Acq: 4 Feb 2016 10:12

Tgt Ion:163 Resp: 369864
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.9 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

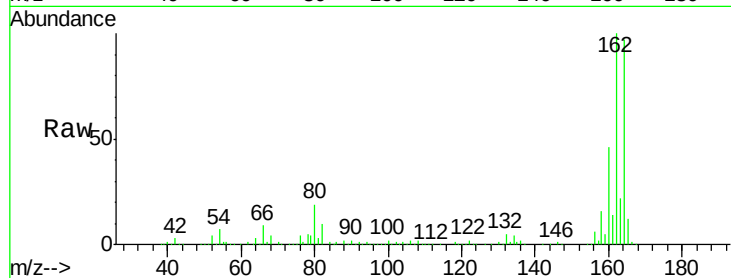




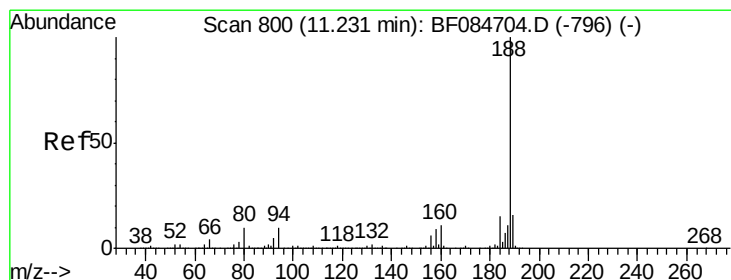
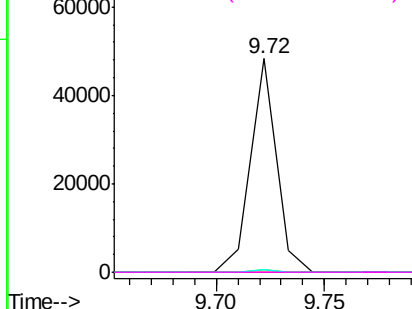
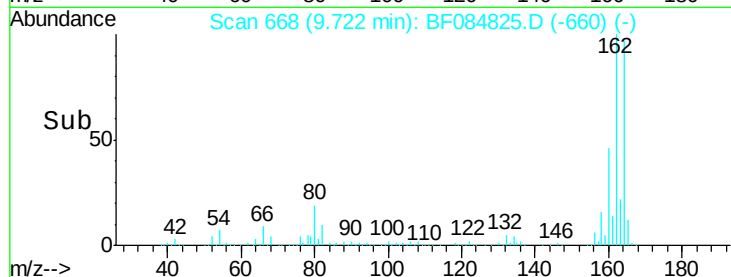
#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF084825.D
 Acq: 4 Feb 2016 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 40077
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.5 61.9 92.9#
 182 0.0 2.0 3.0#

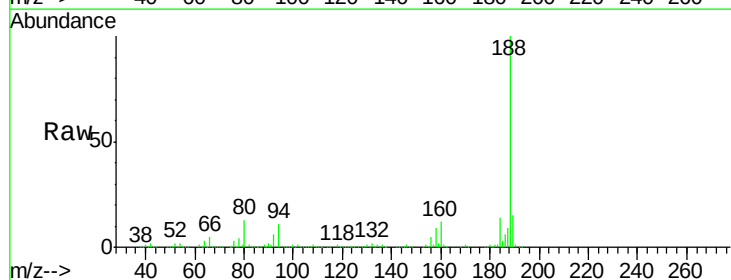


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

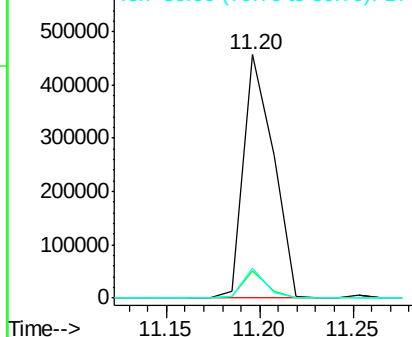
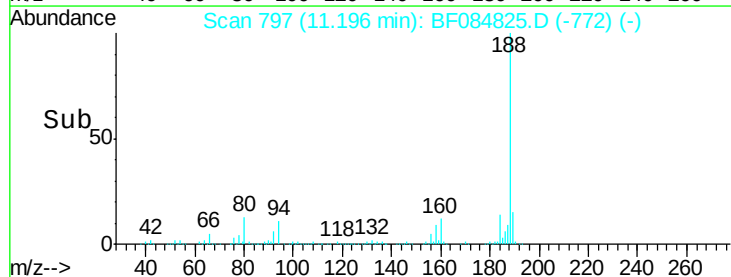


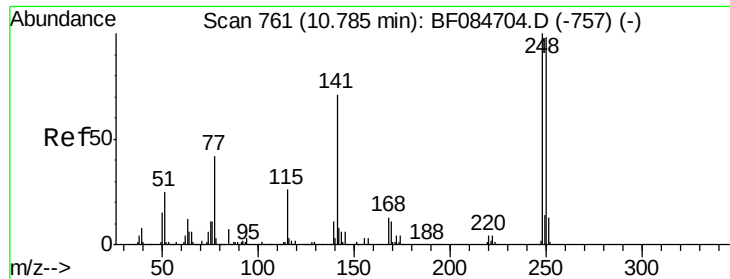
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF084825.D
 Acq: 4 Feb 2016 10:12

Tgt Ion:188 Resp: 507854
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.0 13.4
 80 12.5 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

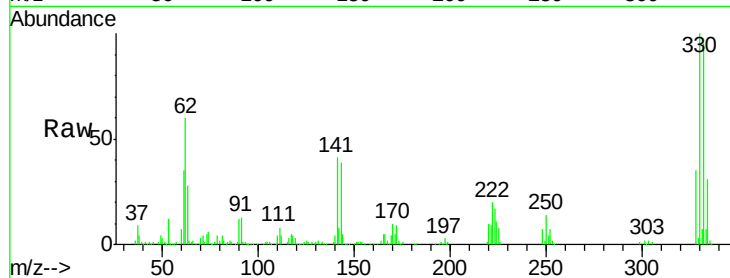




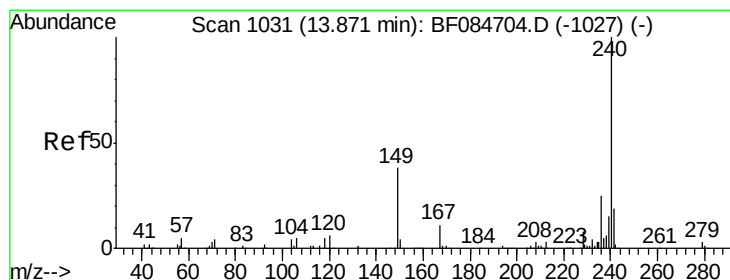
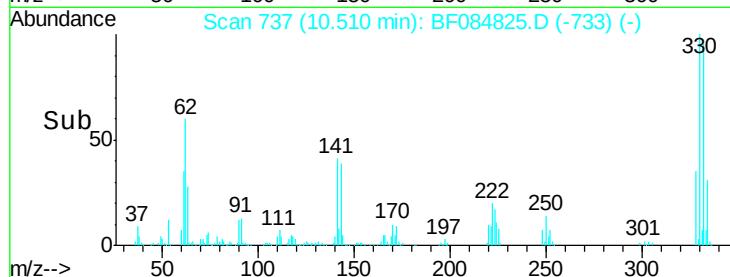
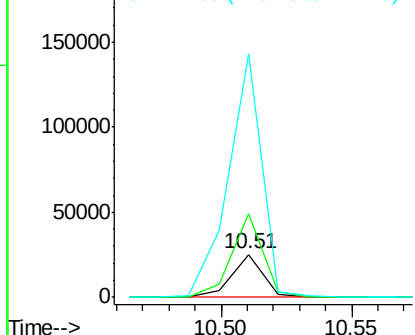
#66
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084825.D
Acq: 4 Feb 2016 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21024
Ion Ratio Lower Upper
248 100
250 197.2 78.4 117.6#
141 571.0 44.0 66.0#

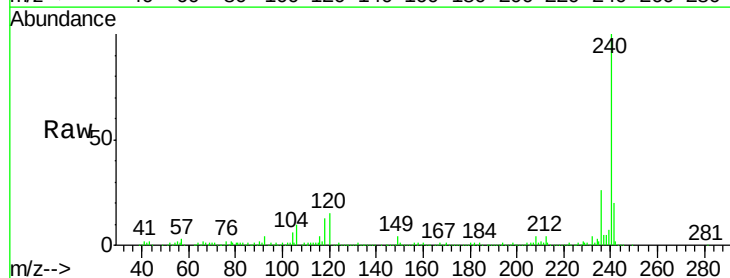


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

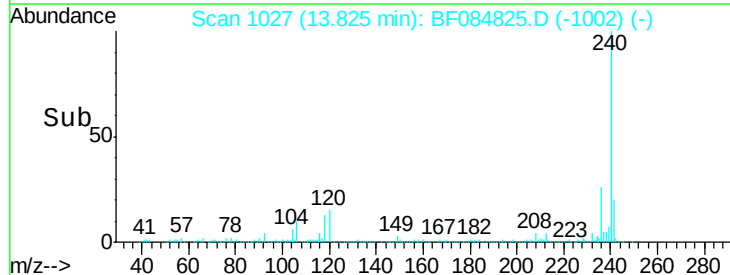
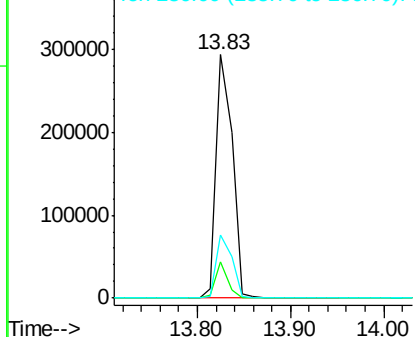


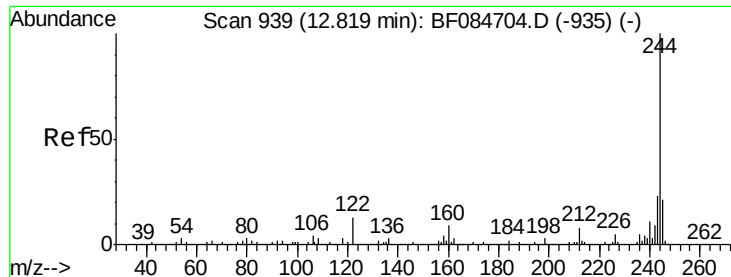
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084825.D
Acq: 4 Feb 2016 10:12

Tgt Ion:240 Resp: 354280
Ion Ratio Lower Upper
240 100
120 15.1 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

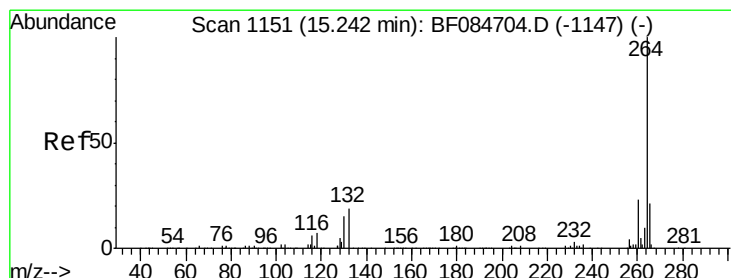
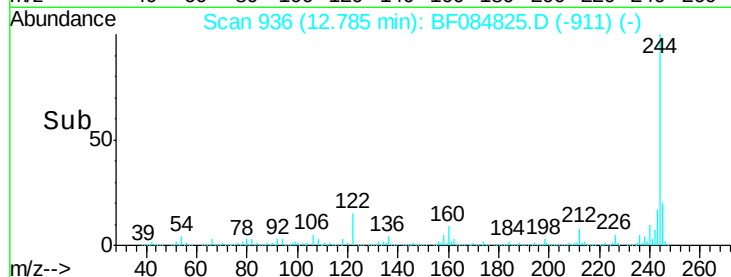
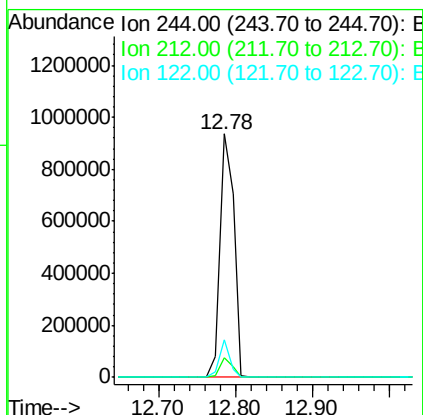
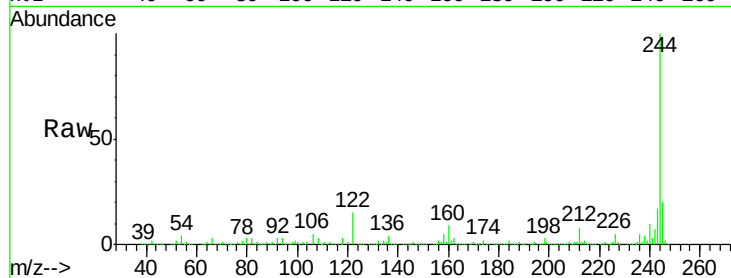




#78
 Terphenyl-d14
 Concen: 76.10 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF084825.D
 Acq: 4 Feb 2016 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1189728
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 15.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084825.D
 Acq: 4 Feb 2016 10:12

Tgt Ion:264 Resp: 336978
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.6 17.8 26.6

