

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081431.D
 Acq On : 4 Sep 2015 21:25
 Operator : UM/IZ
 Sample : PB85409BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:09:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

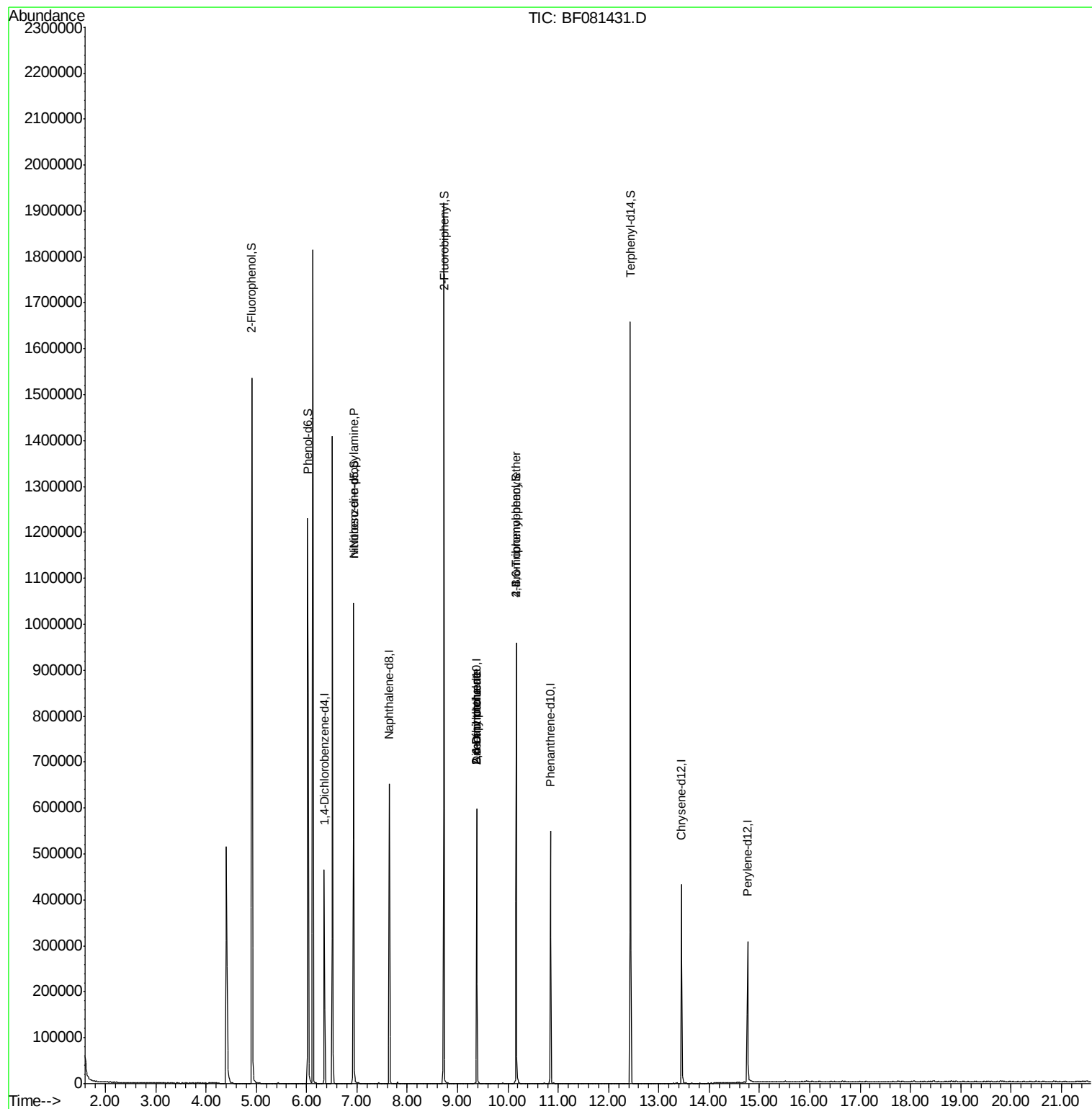
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	67097	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	271703	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	124181	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	249849	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	194950	20.00	ng	-0.01
86) Perylene-d12	14.77	264	136510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	391842	90.61	ng	0.01
7) Phenol-d6	6.02	99	522589	91.29	ng	-0.01
23) Nitrobenzene-d5	6.94	82	372397	66.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	97271	87.97	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	589341	60.82	ng	-0.01
78) Terphenyl-d14	12.43	244	499585	59.65	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	50798	13.04	ng	# 60
49) Dimethylphthalate	9.38	163	36915	3.83	ng	# 1
50) 2,6-Dinitrotoluene	9.38	165	15737	7.19	ng	# 37
56) 2,4-Dinitrotoluene	9.38	165	15737	5.64	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	7525	2.98	ng	# 1

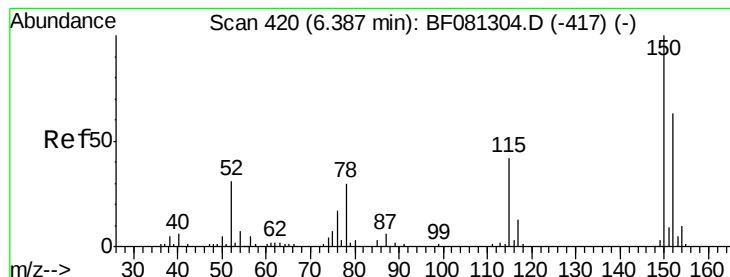
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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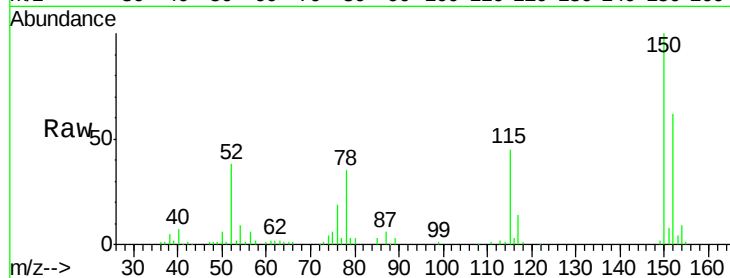


#1

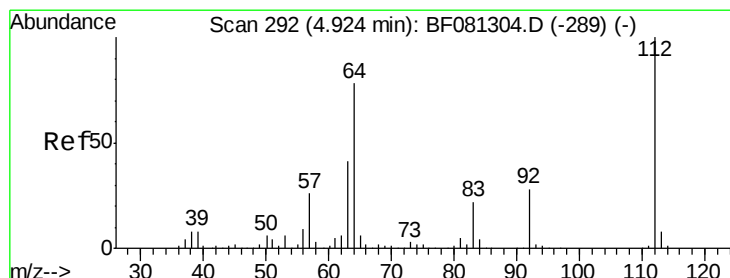
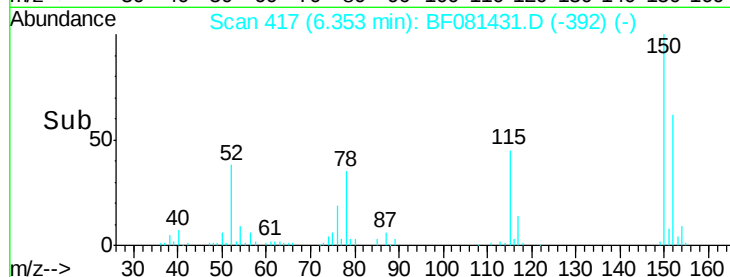
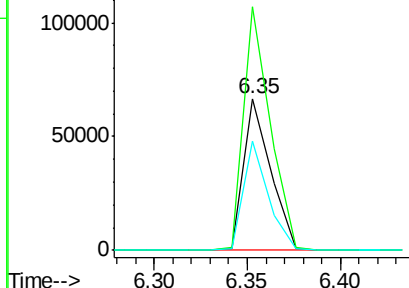
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081431.D
Acq: 4 Sep 2015 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67097
Ion Ratio Lower Upper
152 100
150 160.3 124.7 187.1
115 72.0 39.0 58.4#



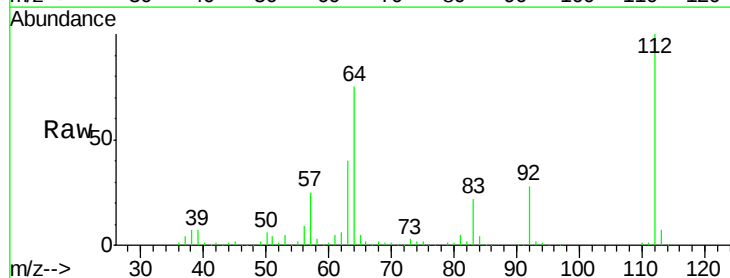
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



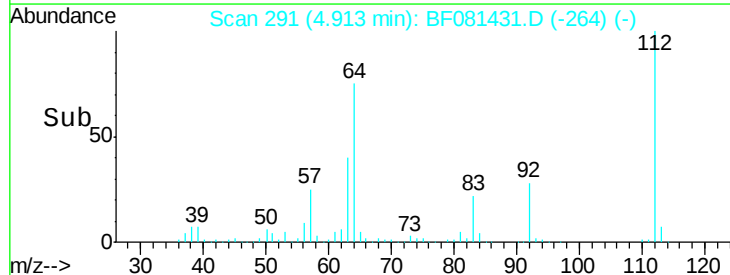
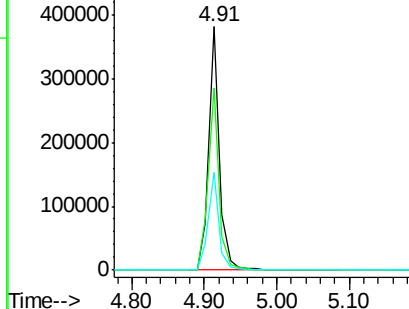
#5

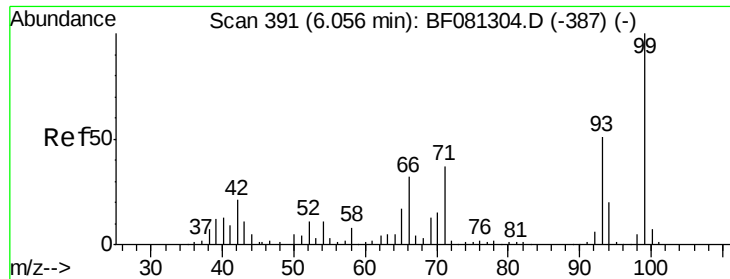
2-Fluorophenol
Concen: 90.61 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.01 min
Lab File: BF081431.D
Acq: 4 Sep 2015 21:25

Tgt Ion:112 Resp: 391842
Ion Ratio Lower Upper
112 100
64 74.8 39.7 59.5#
63 40.2 17.4 26.0#



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: 91.29 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081431.D

Acq: 4 Sep 2015 21:25

Instrument :

BNA_F

ClientSampled :

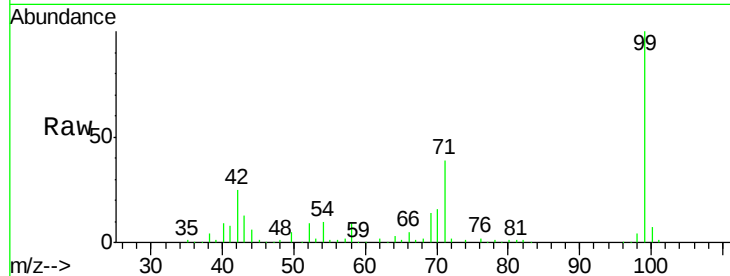
Tot Ion: 99 Resp: 522589

Ion Ratio Lower Upper

99 100

42 24.9 13.7 20.5#

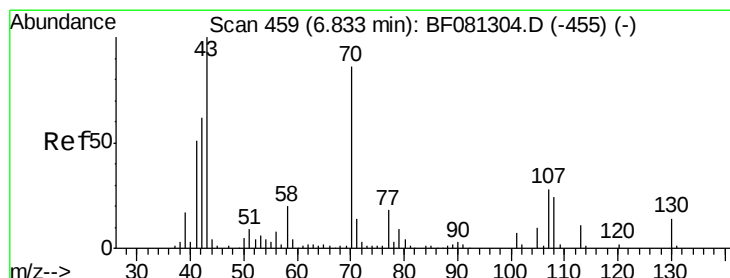
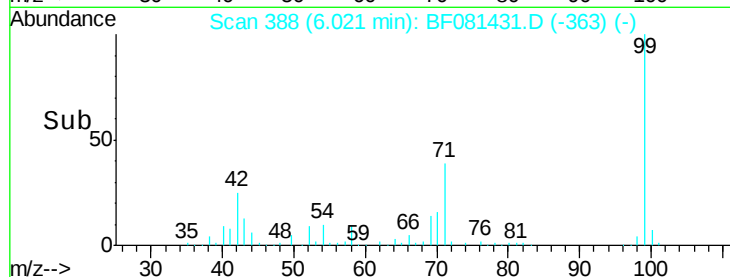
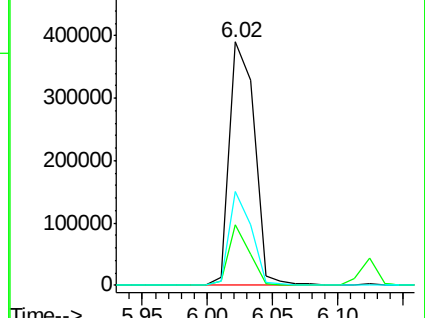
71 38.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.04 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081431.D

Acq: 4 Sep 2015 21:25

Tgt Ion: 70 Resp: 50798

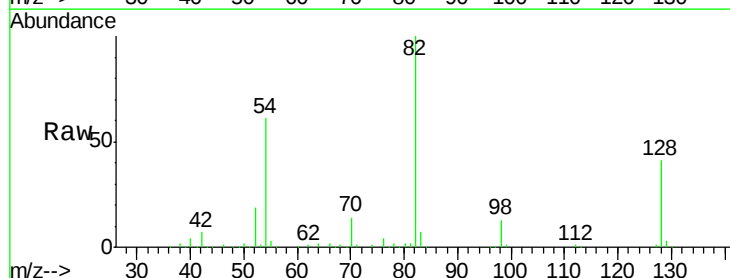
Ion Ratio Lower Upper

70 100

42 49.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

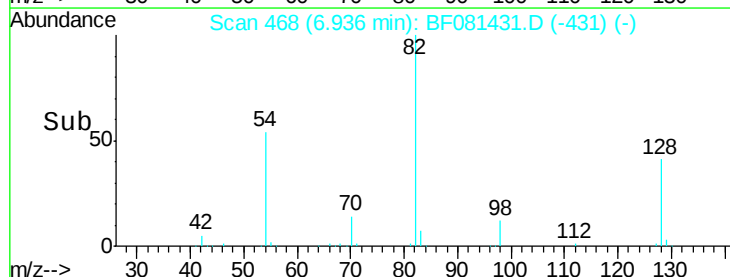
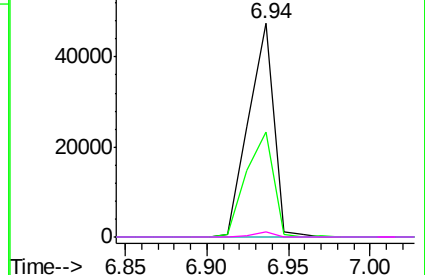


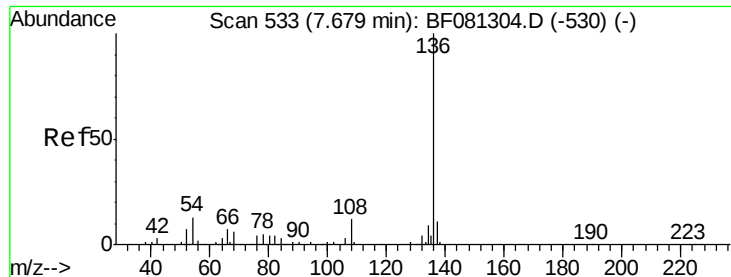
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081431.D

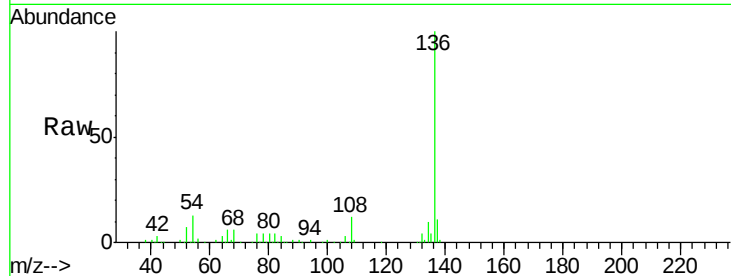
Acq: 4 Sep 2015 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	271703
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.6
54	12.6	8.2 12.2#
68	5.8	5.8 8.6

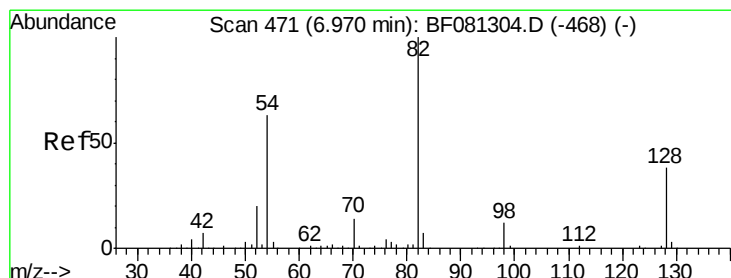
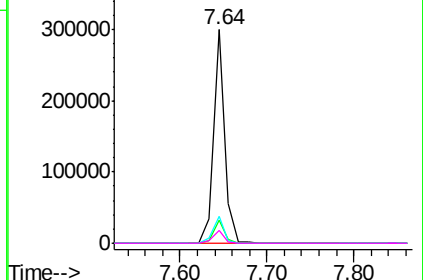
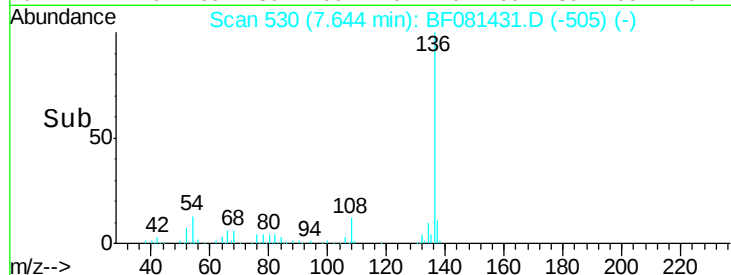


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.13 ng

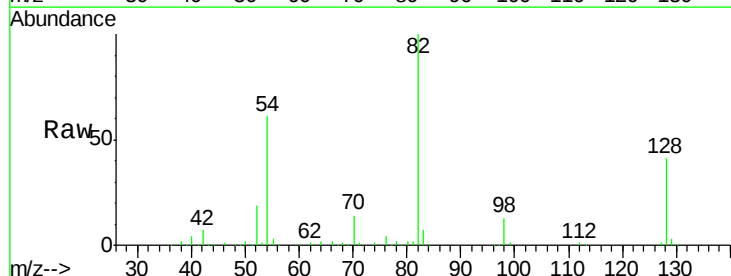
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081431.D

Acq: 4 Sep 2015 21:25

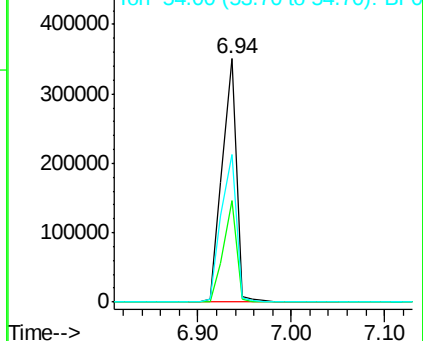
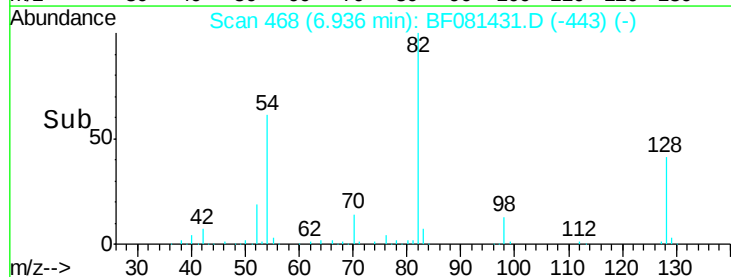
Tgt Ion: 82	Resp:	372397
Ion	Ratio	Lower Upper
82	100	
128	41.5	51.0 76.6#
54	60.6	47.5 71.3

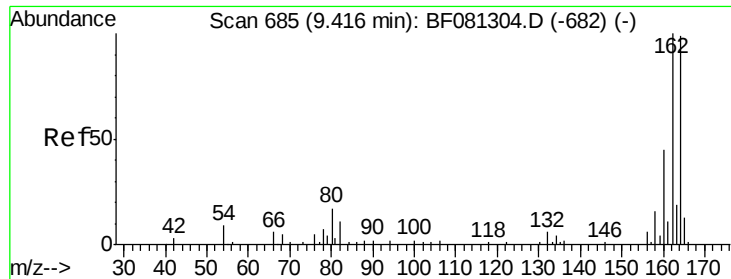


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

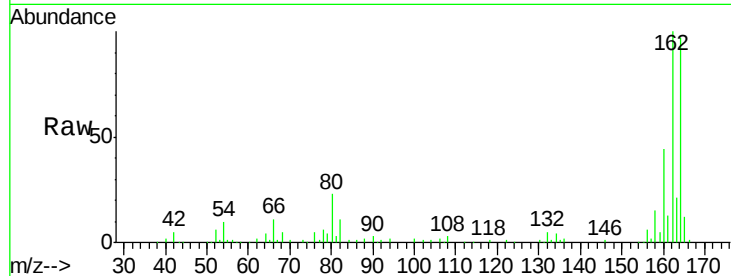




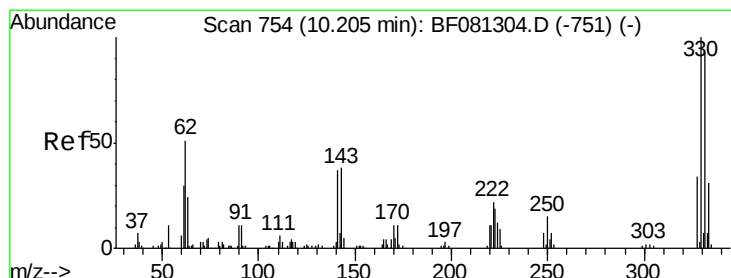
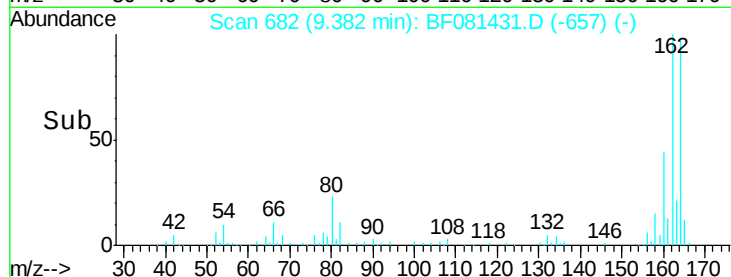
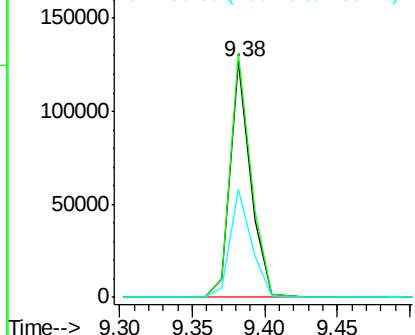
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 124181
 Ion Ratio Lower Upper
 164 100
 162 103.3 75.2 112.8
 160 45.8 31.5 47.3

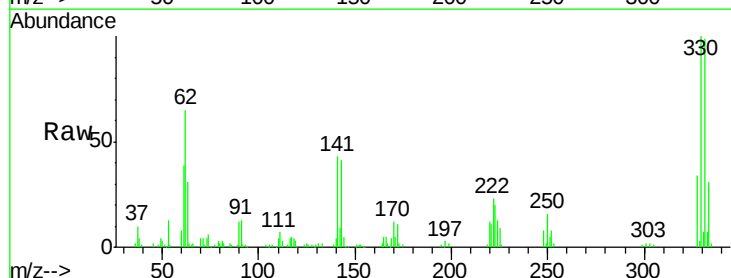


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

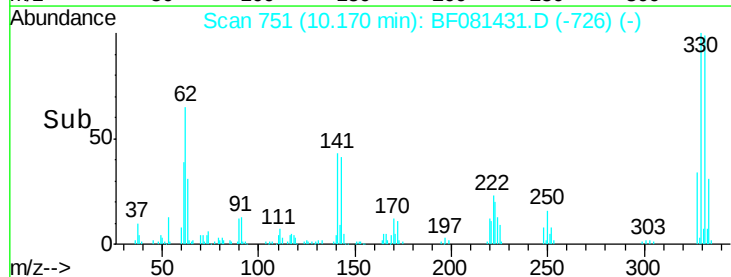
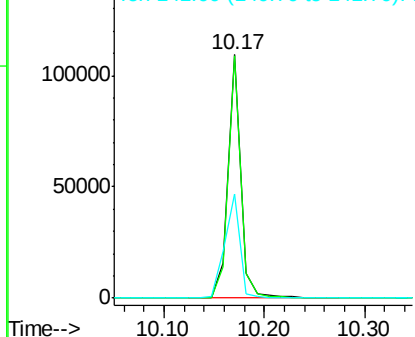


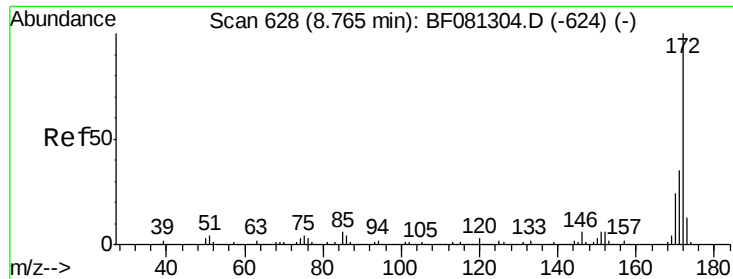
#41
 2,4,6-Tribromophenol
 Concen: 87.97 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

Tgt Ion:330 Resp: 97271
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 51.2 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

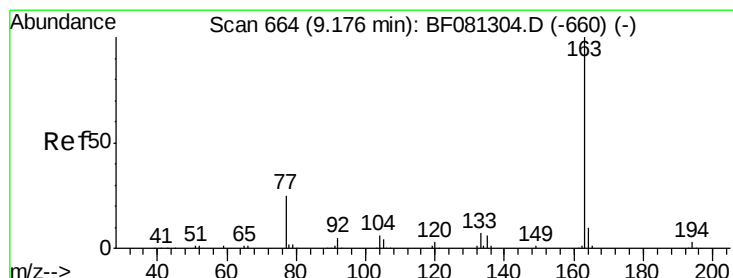
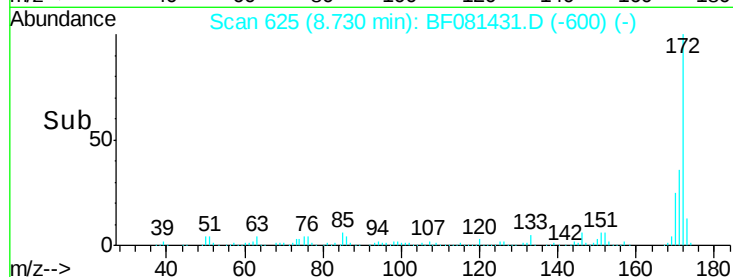
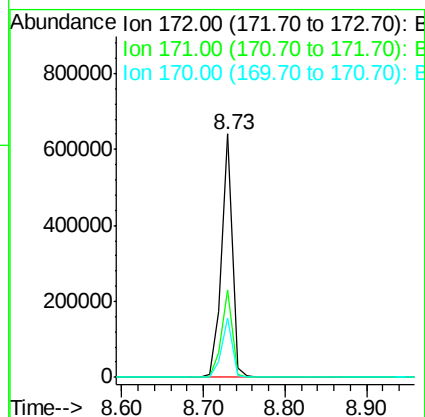
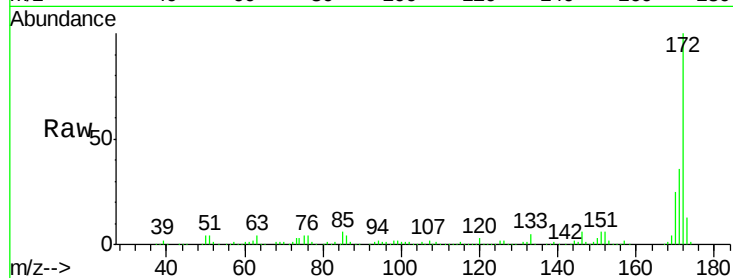




#44
 2-Fluorobiphenyl
 Concen: 60.82 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

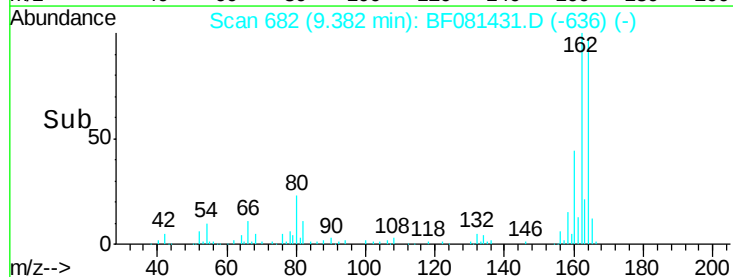
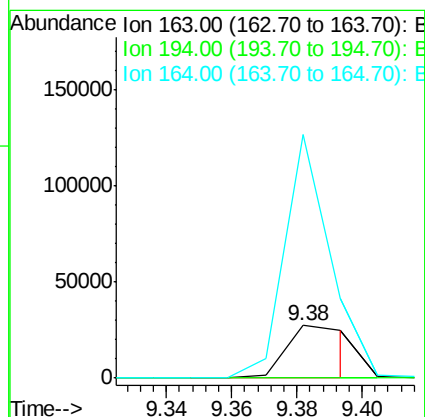
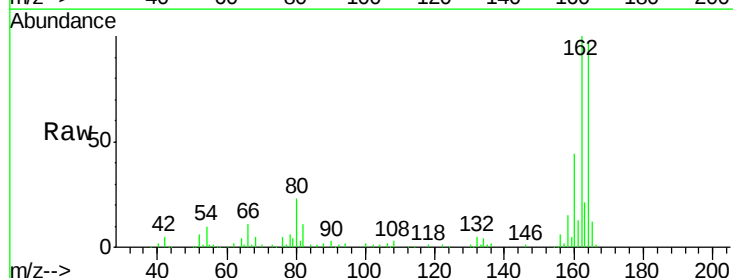
Instrument :
 BNA_F
 ClientSampleId :

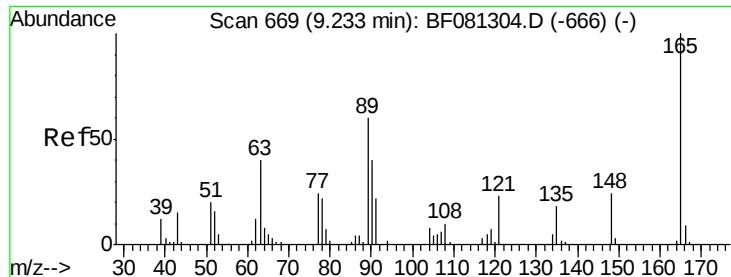
Tot Ion:172 Resp: 589341
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.6 17.4 26.2



#49
 Dimethylphthalate
 Concen: 3.83 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.23 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

Tgt Ion:163 Resp: 36915
 Ion Ratio Lower Upper
 163 100
 194 0.0 4.4 6.6#
 164 463.9 8.3 12.5#

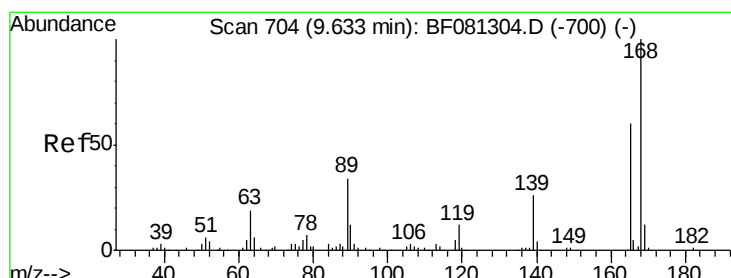
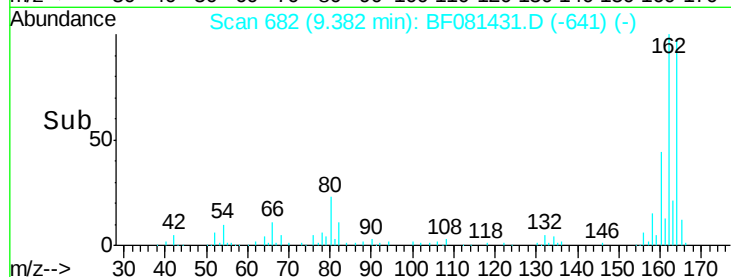
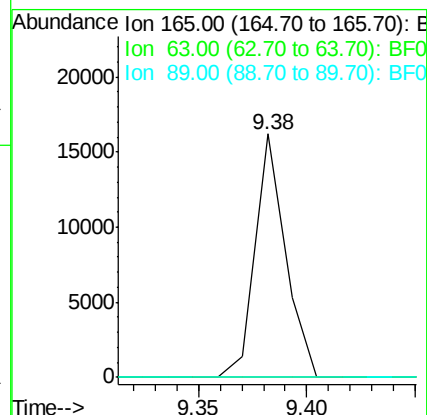
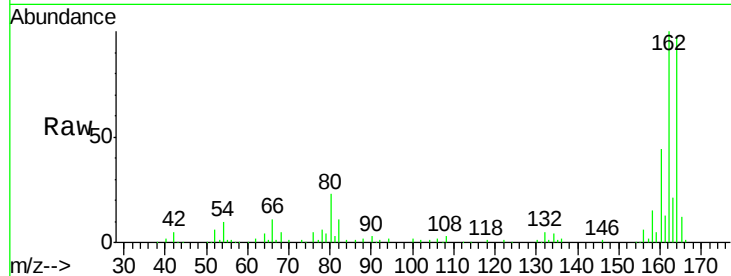




#50
 2,6-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

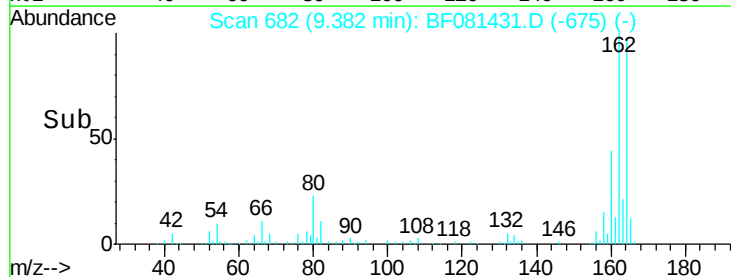
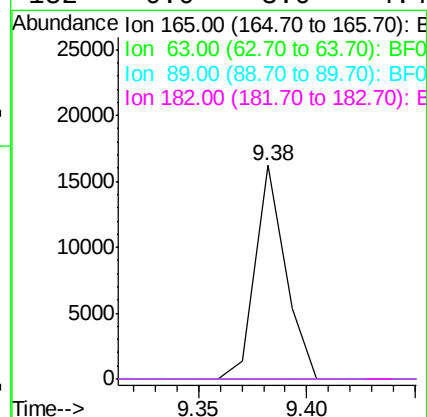
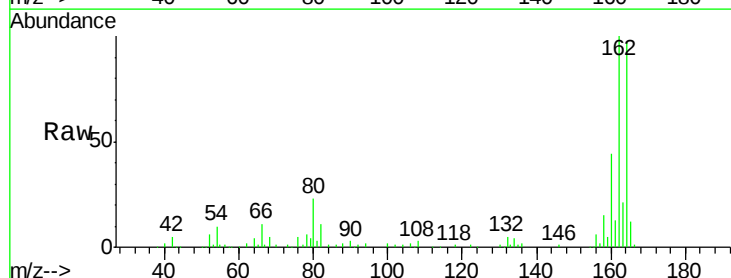
Instrument :
 BNA_F
 ClientSampleId :

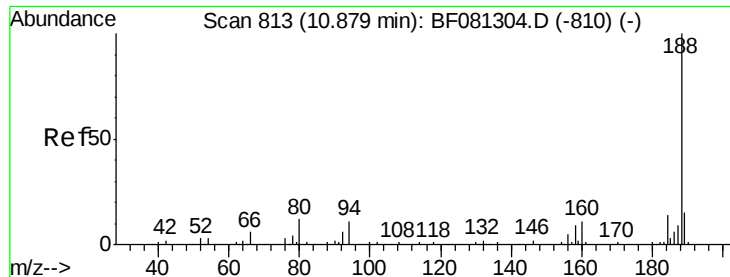
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.64 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

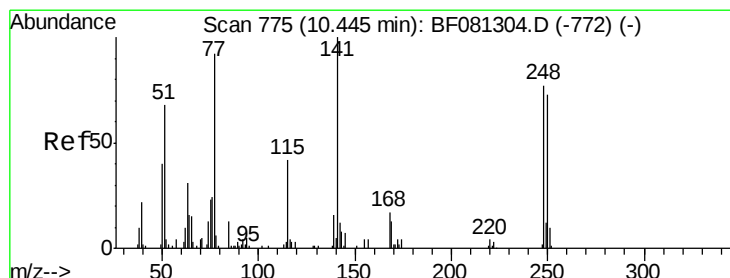
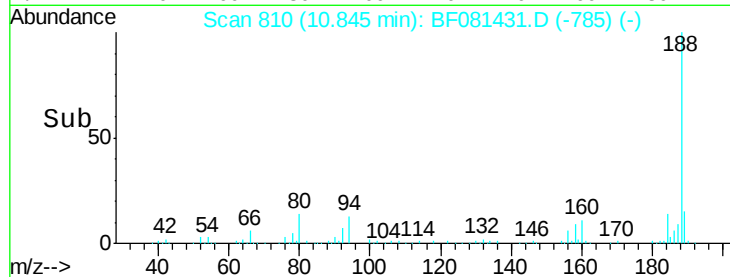
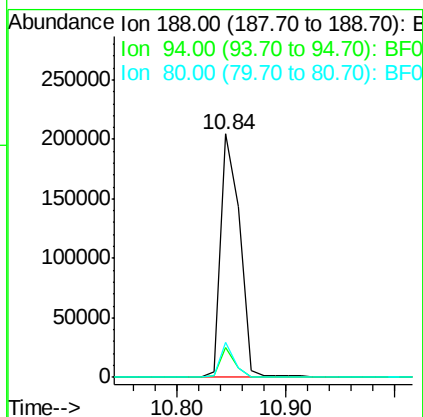
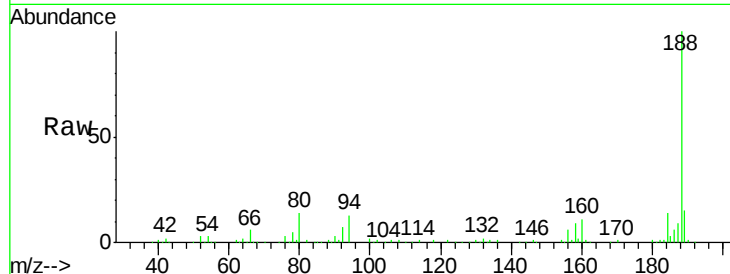




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

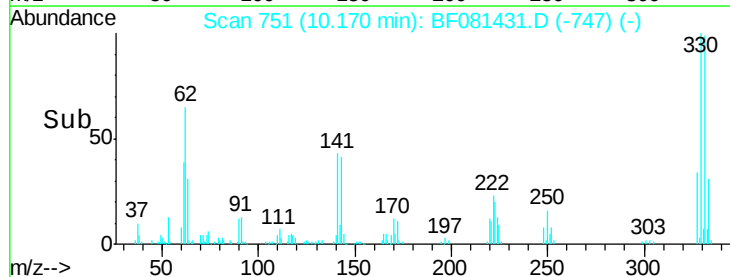
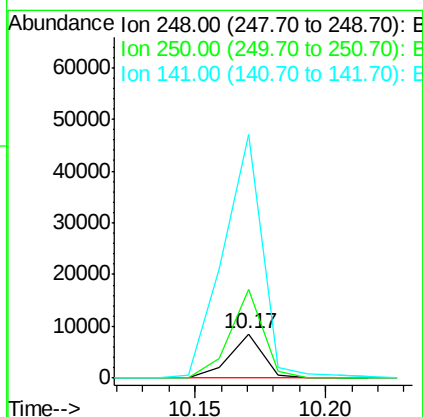
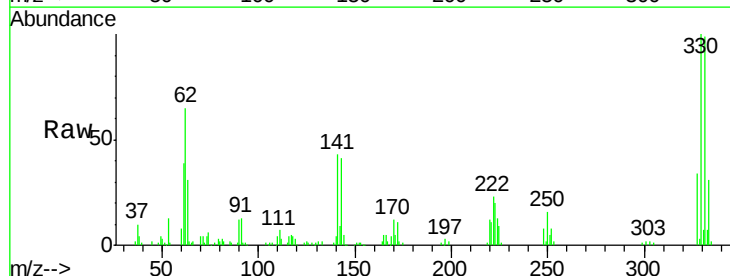
Instrument :
 BNA_F
 ClientSampleId :

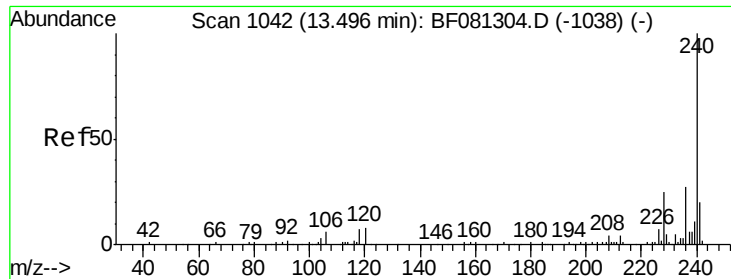
Tot Ion:188 Resp: 249849
 Ion Ratio Lower Upper
 188 100
 94 12.5 11.1 16.7
 80 14.2 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 2.98 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

Tgt Ion:248 Resp: 7525
 Ion Ratio Lower Upper
 248 100
 250 199.3 78.5 117.7#
 141 549.2 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081431.D

Acq: 4 Sep 2015 21:25

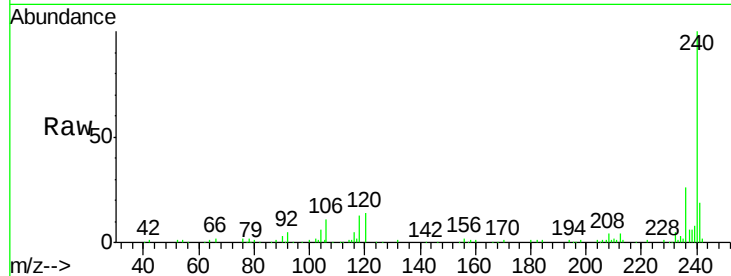
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 194950

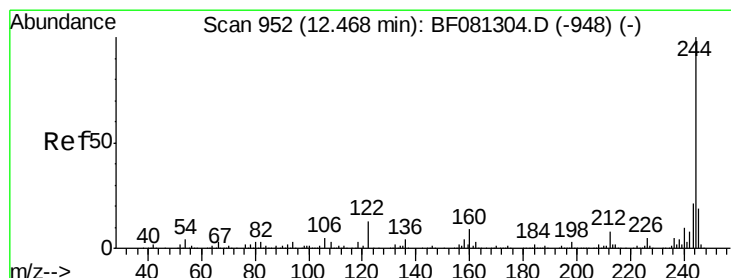
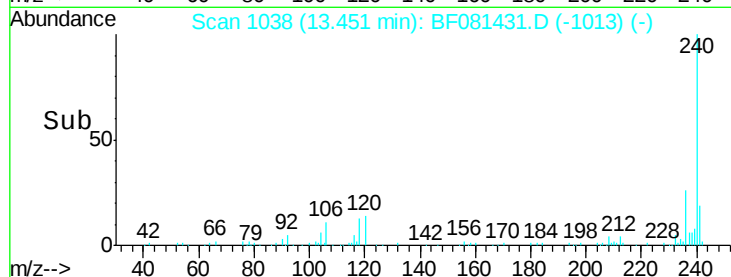
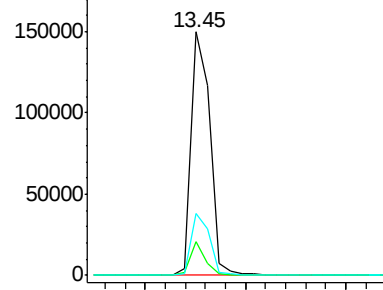
Ion	Ratio	Lower	Upper
240	100		
120	13.9	16.2	24.2#
236	25.6	18.4	27.6



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: 59.65 ng

RT: 12.43 min Scan# 949

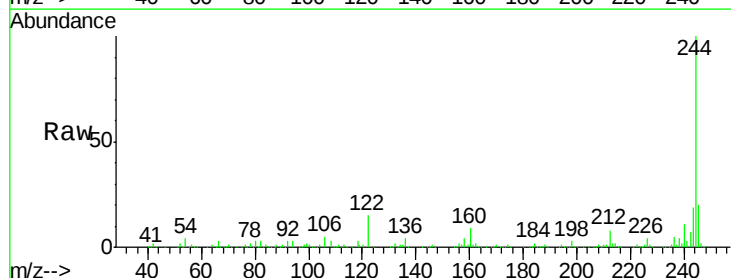
Delta R.T. -0.01 min

Lab File: BF081431.D

Acq: 4 Sep 2015 21:25

Tgt Ion:244 Resp: 499585

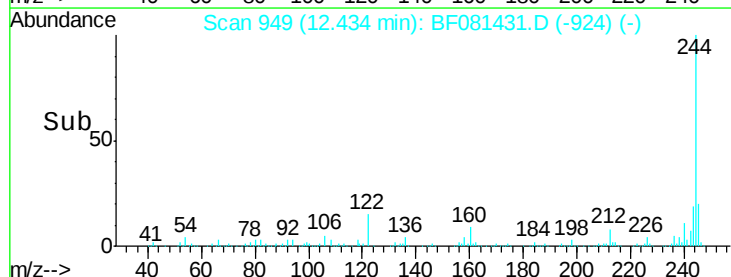
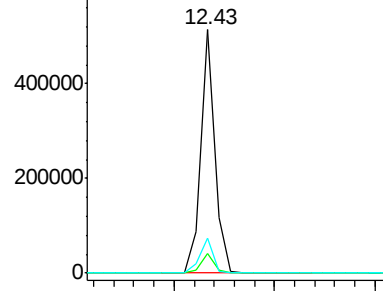
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	14.6	17.4	26.2#

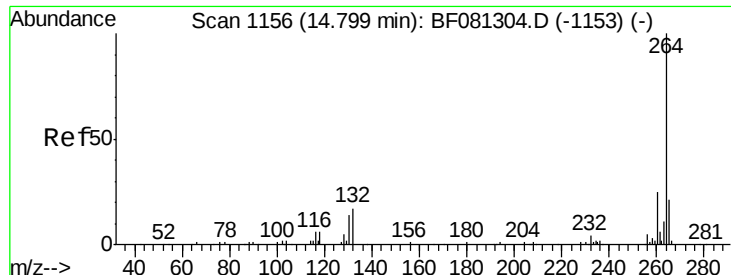


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

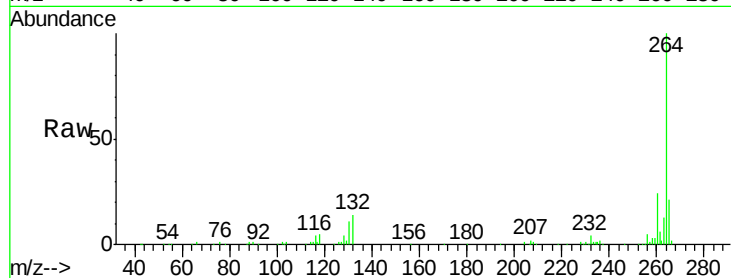




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081431.D
 Acq: 4 Sep 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 136510
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.1 17.2 25.8



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

