

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081466.D
 Acq On : 5 Sep 2015 15:49
 Operator : UM/IZ
 Sample : G3526-21
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20(0-0.16)

Quant Time: Sep 07 02:50:38 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 02:47:26 2015
 Response via : Initial Calibration

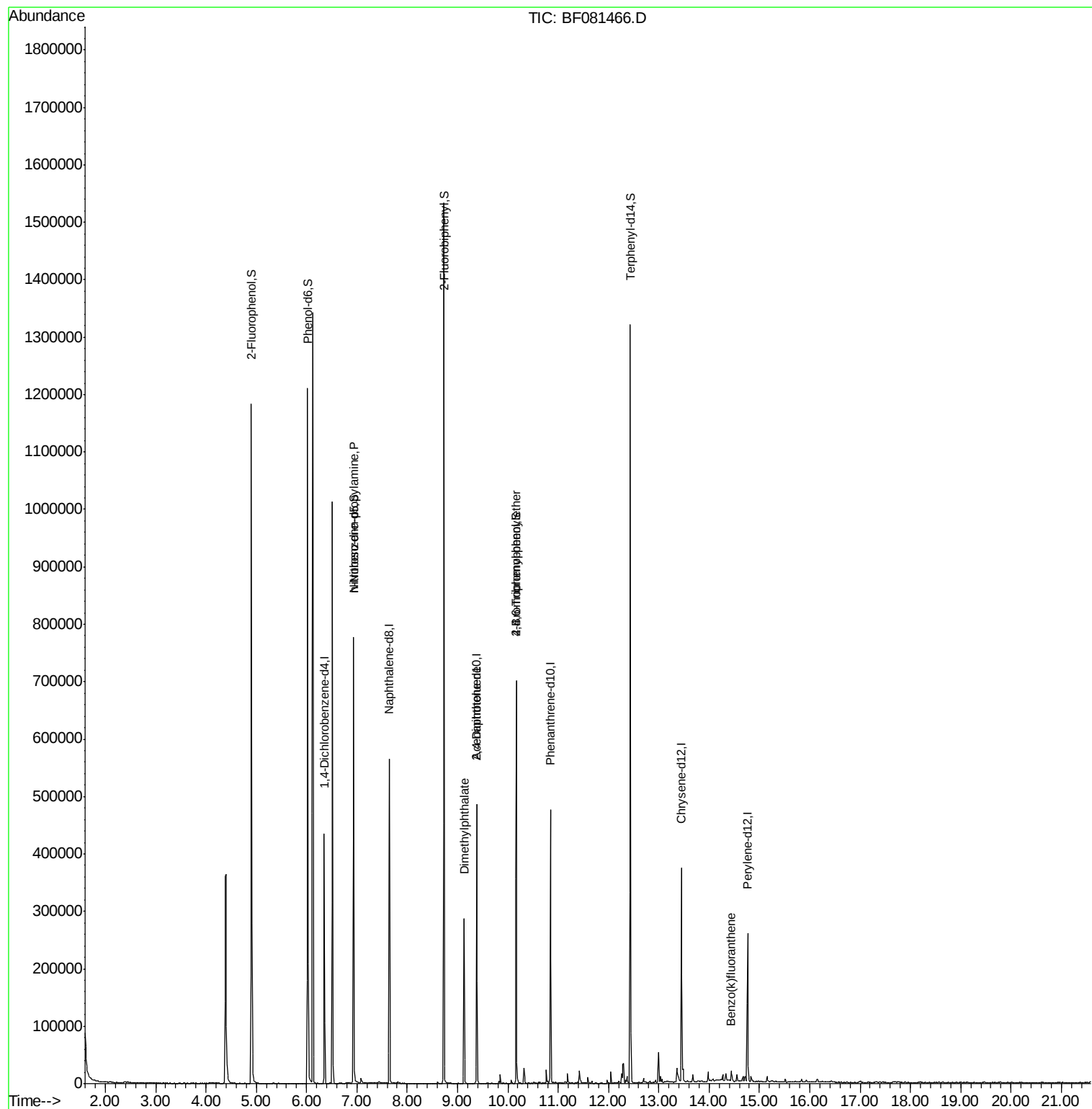
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	58681	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	228918	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	98955	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	198390	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	151404	20.00	ng	-0.01
86) Perylene-d12	14.77	264	114441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	301622	79.75	ng	0.01
7) Phenol-d6	6.02	99	376336	75.17	ng	-0.01
23) Nitrobenzene-d5	6.94	82	285198	60.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	82066	93.14	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	477609	61.85	ng	0.00
78) Terphenyl-d14	12.43	244	385944	59.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	37482	11.00	ng	# 61
49) Dimethylphthalate	9.13	163	99932	13.00	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12778	5.75	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	6497	3.24	ng	# 1
88) Benzo(k)fluoranthene	14.43	252	14052	2.07	ng	# 85

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

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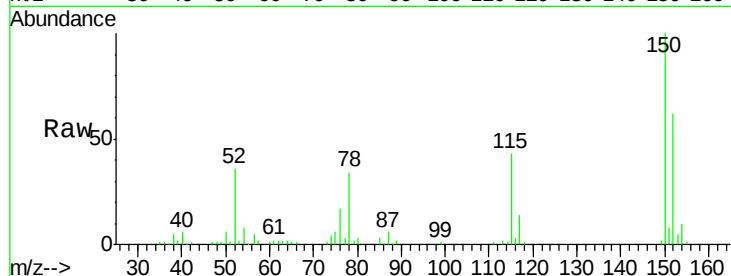


#1

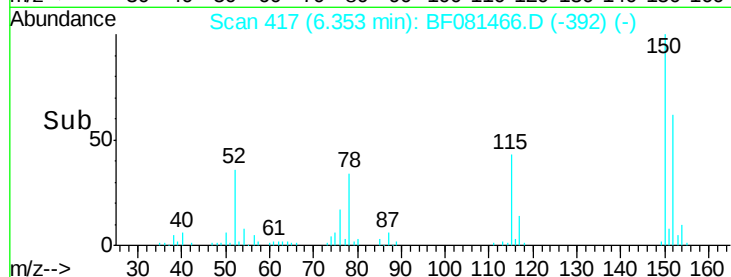
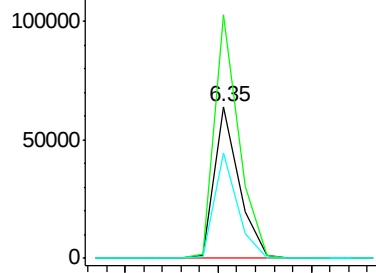
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081466.D
Acq: 5 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB-20(0-0.16)

Tot Ion:152 Resp: 58681
Ion Ratio Lower Upper
152 100
150 160.4 124.7 187.1
115 69.7 39.0 58.4#



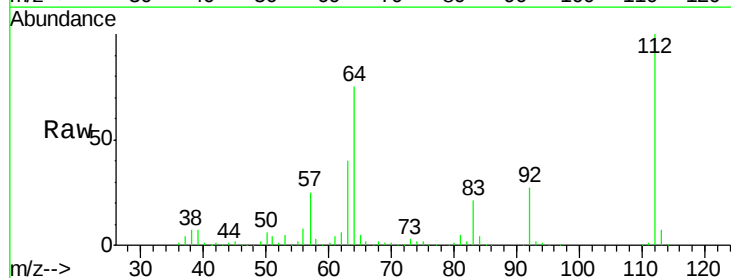
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



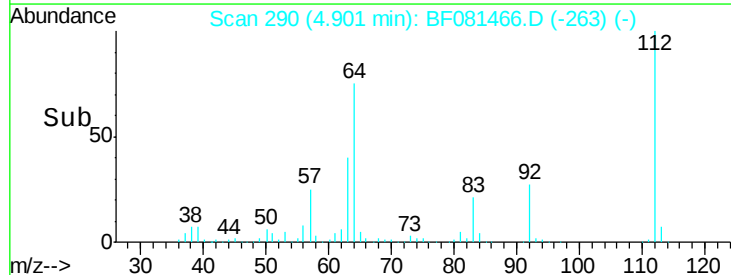
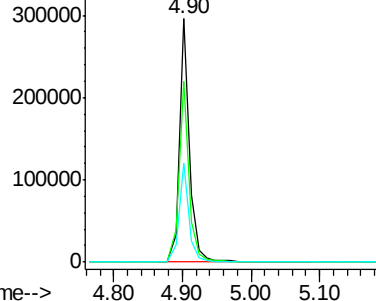
#5

2-Fluorophenol
Concen: 79.75 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF081466.D
Acq: 5 Sep 2015 15:49

Tgt Ion:112 Resp: 301622
Ion Ratio Lower Upper
112 100
64 74.5 39.7 59.5#
63 40.4 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: 75.17 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081466.D

Acq: 5 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB-20(0-0.16)

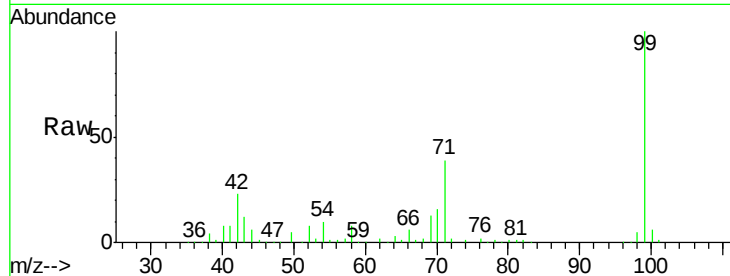
Tot Ion: 99 Resp: 376336

Ion Ratio Lower Upper

99 100

42 22.9 13.7 20.5#

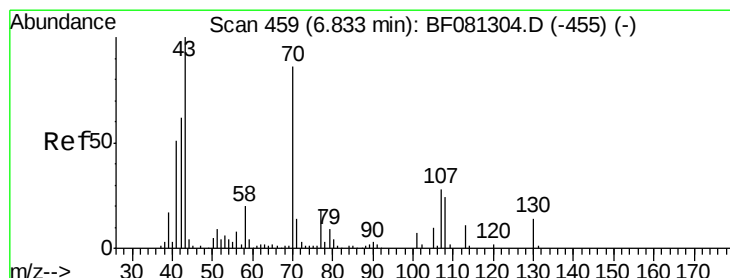
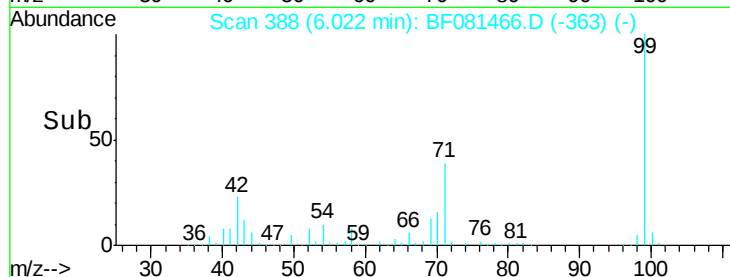
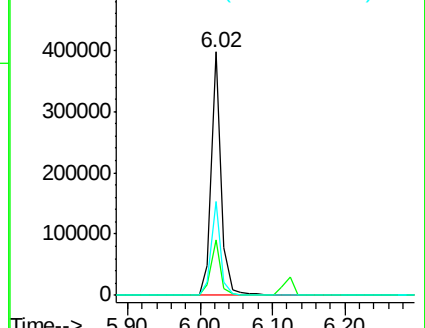
71 38.7 14.2 21.2#



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: 11.00 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081466.D

Acq: 5 Sep 2015 15:49

Tgt Ion: 70 Resp: 37482

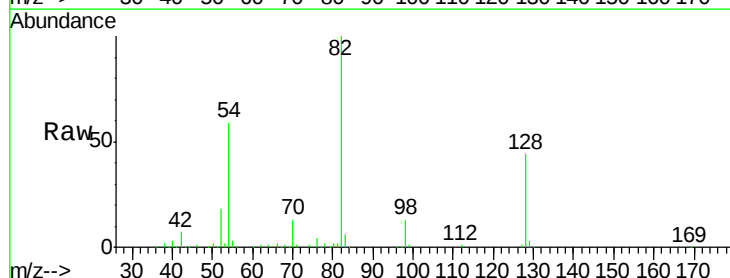
Ion Ratio Lower Upper

70 100

42 50.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

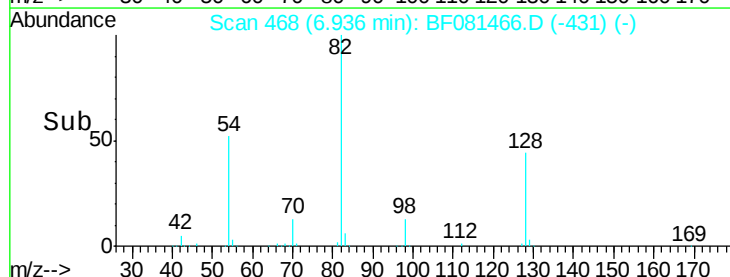
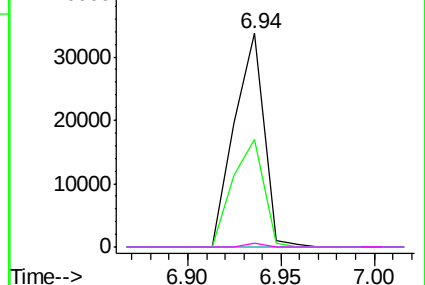


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081466.D

Acq: 5 Sep 2015 15:49

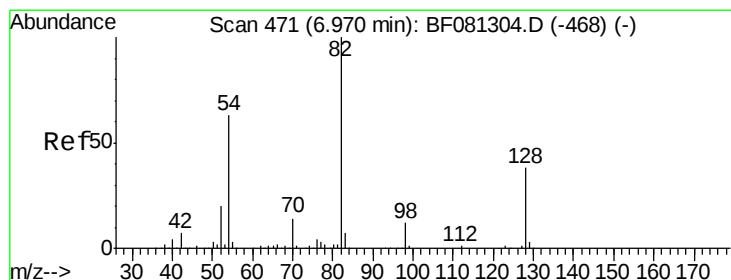
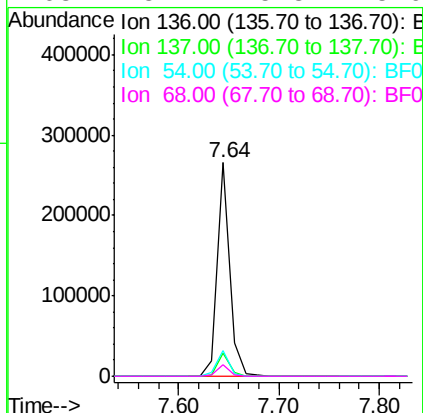
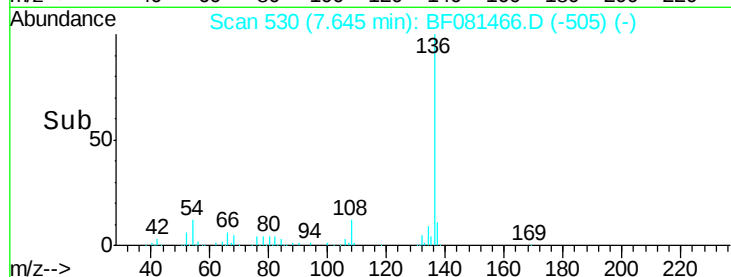
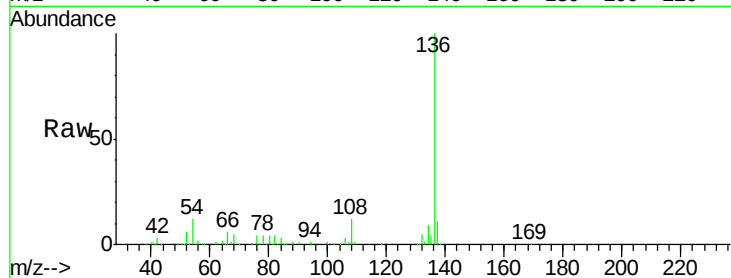
Instrument :

BNA_F

ClientSampleId :

SB-20(0-0.16)

Tot Ion:136	Resp:	228918
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	11.8	8.2 12.2
68	5.2	5.8 8.6#



#23

Nitrobenzene-d5

Concen: 60.11 ng

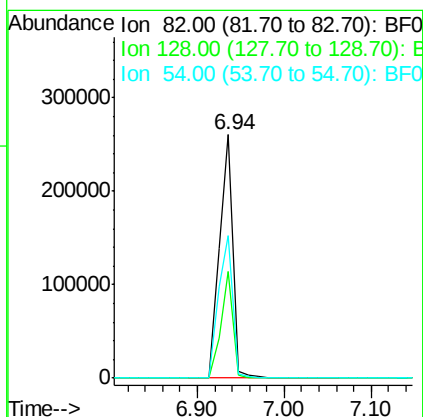
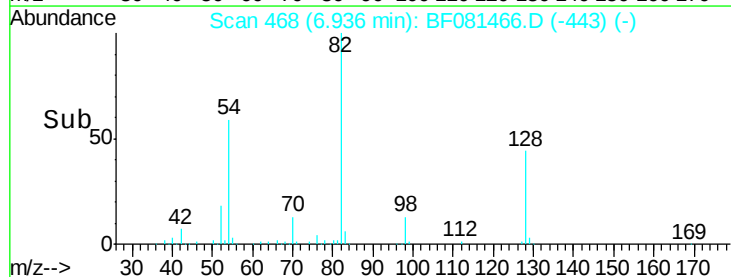
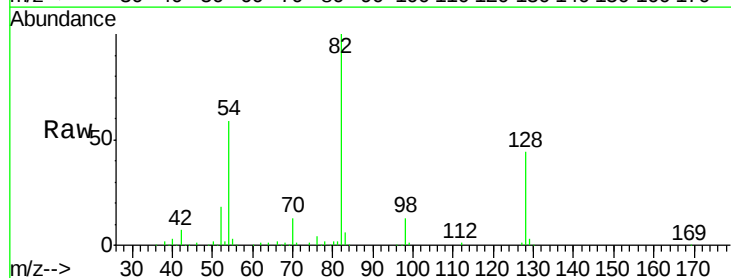
RT: 6.94 min Scan# 468

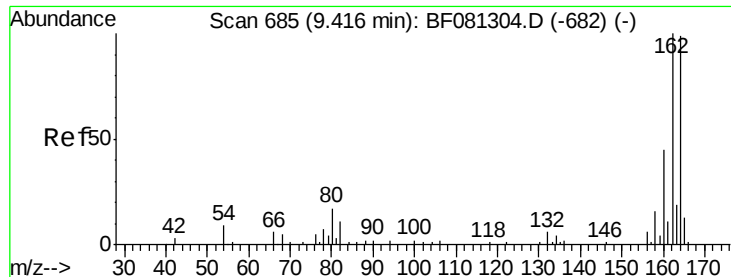
Delta R.T. -0.01 min

Lab File: BF081466.D

Acq: 5 Sep 2015 15:49

Tgt Ion: 82	Resp:	285198
Ion Ratio	Lower	Upper
82	100	
128	43.6	51.0 76.6#
54	58.5	47.5 71.3

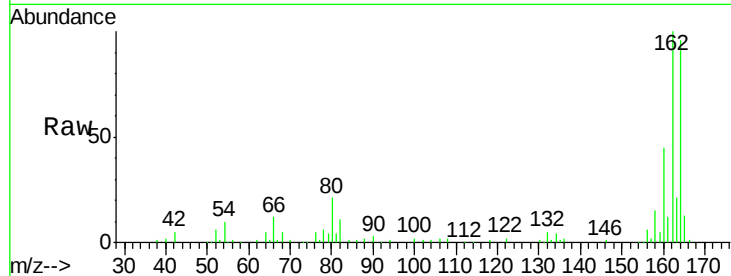




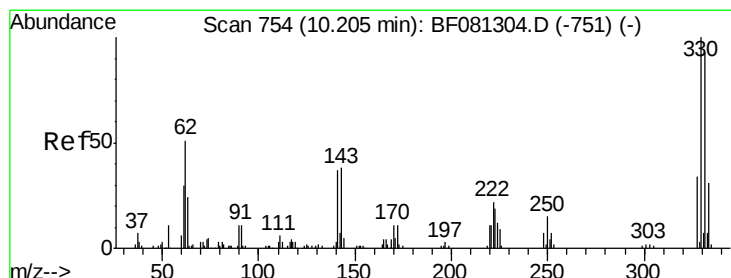
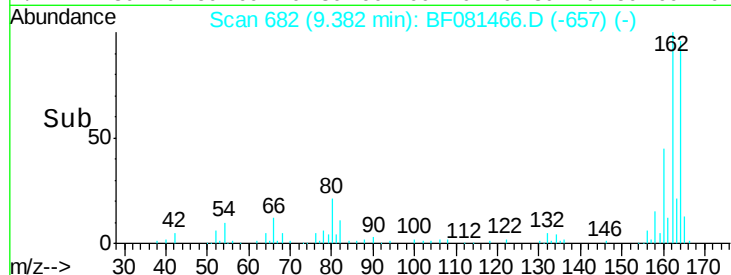
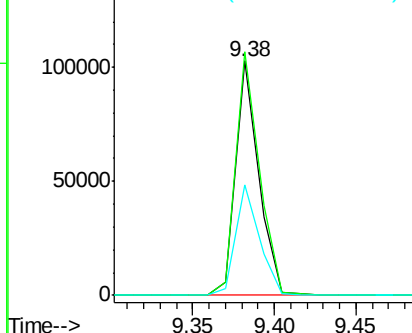
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081466.D
 Acq: 5 Sep 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-20(0-0.16)

Tot Ion:164 Resp: 98955
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 47.1 31.5 47.3

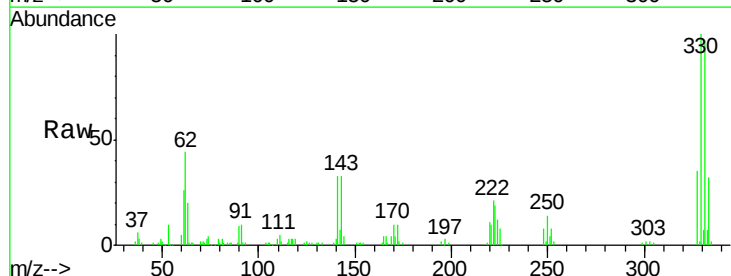


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

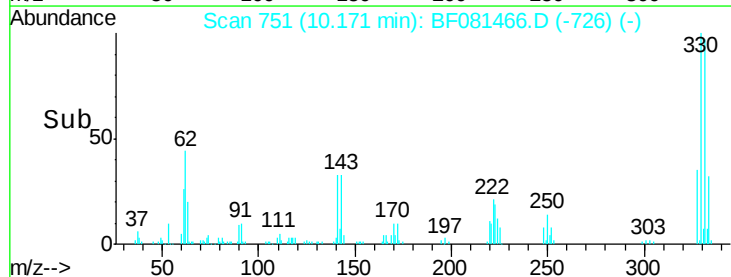
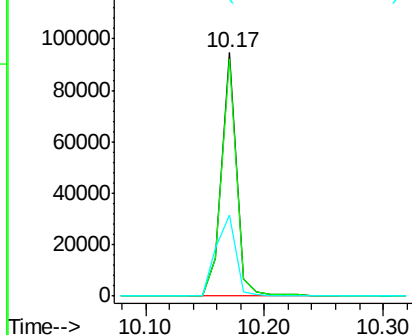


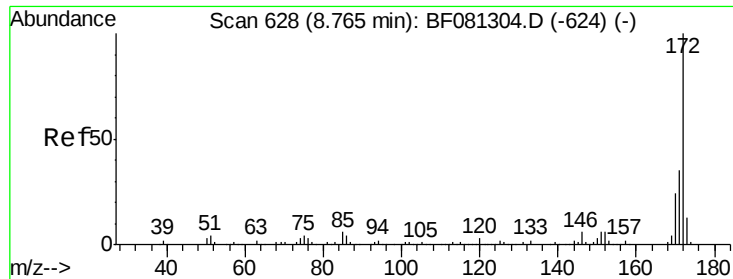
#41
 2,4,6-Tribromophenol
 Concen: 93.14 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081466.D
 Acq: 5 Sep 2015 15:49

Tgt Ion:330 Resp: 82066
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 43.8 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

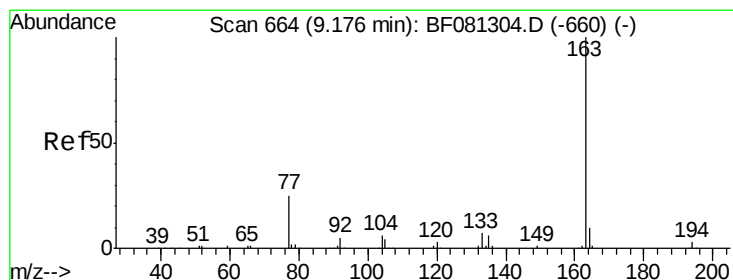
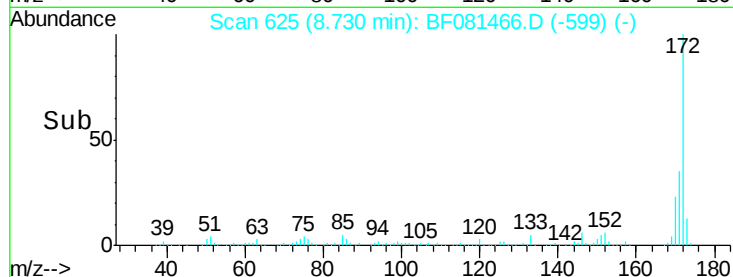
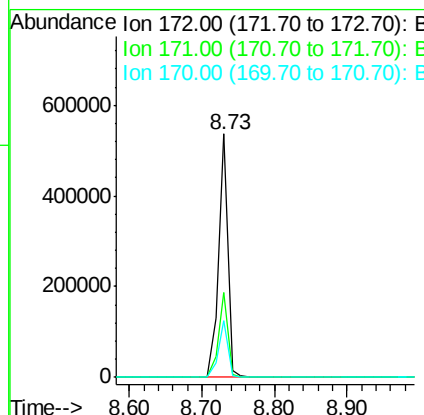
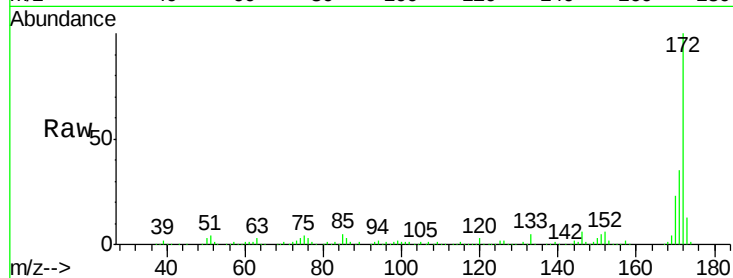




#44
2-Fluorobiphenyl
Concen: 61.85 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081466.D
Acq: 5 Sep 2015 15:49

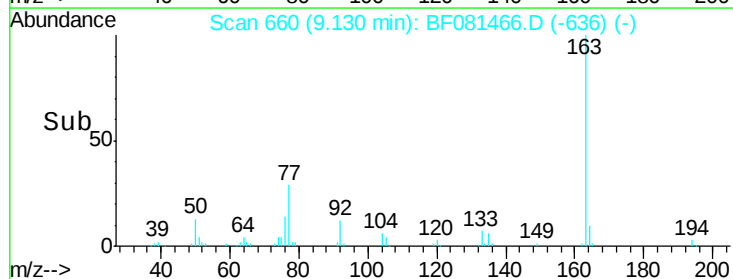
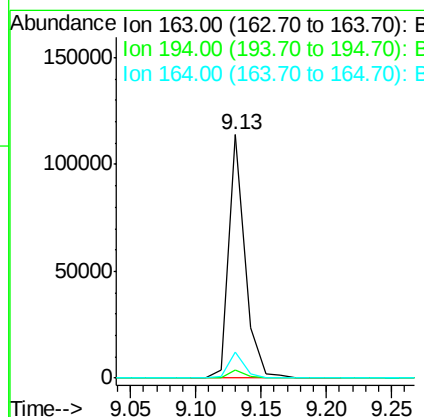
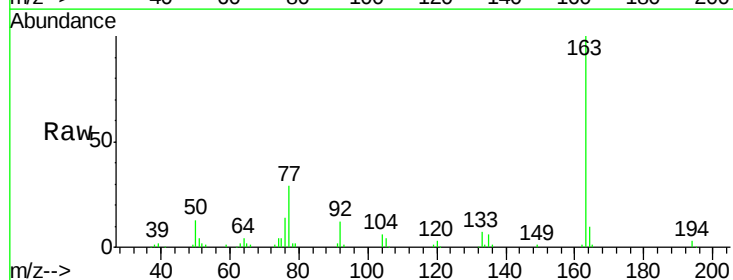
Instrument :
BNA_F
ClientSampleId :
SB-20(0-0.16)

Tot Ion:172 Resp: 477609
Ion Ratio Lower Upper
172 100
171 34.9 26.1 39.1
170 23.3 17.4 26.2



#49
Dimethylphthalate
Concen: 13.00 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081466.D
Acq: 5 Sep 2015 15:49

Tgt Ion:163 Resp: 99932
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.5 8.3 12.5

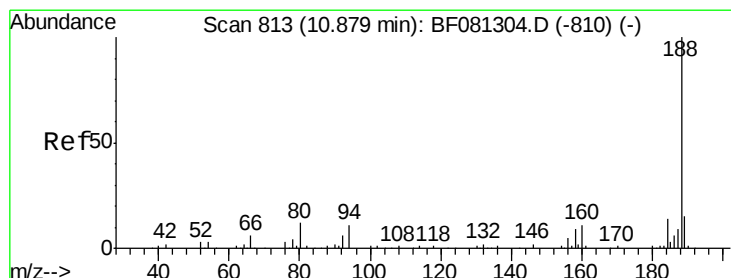
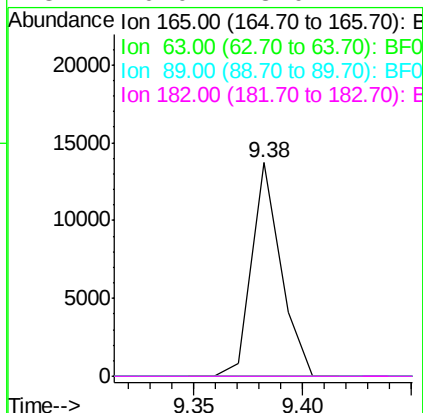
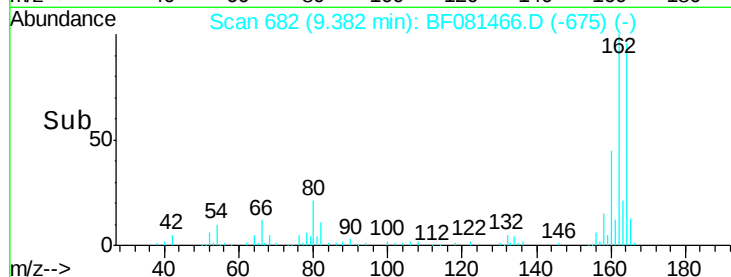
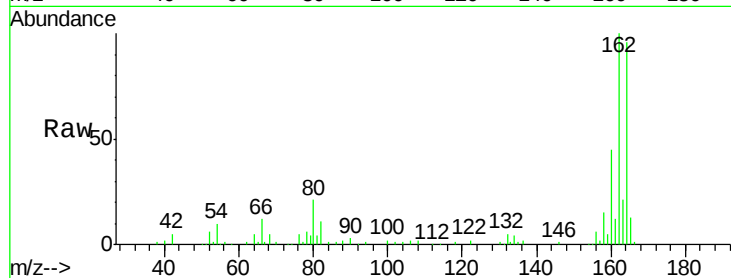




#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081466.D
 Acq: 5 Sep 2015 15:49

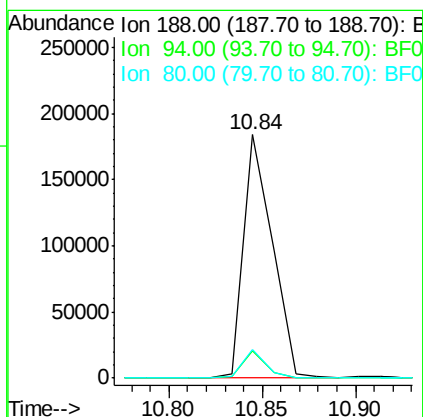
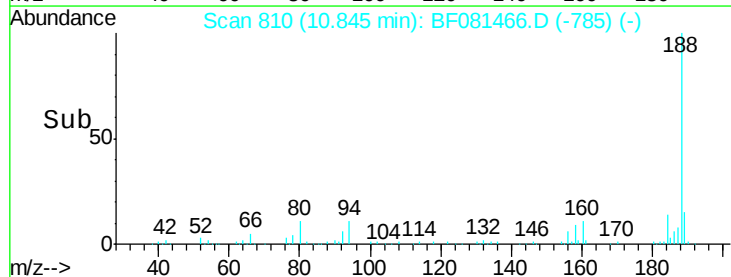
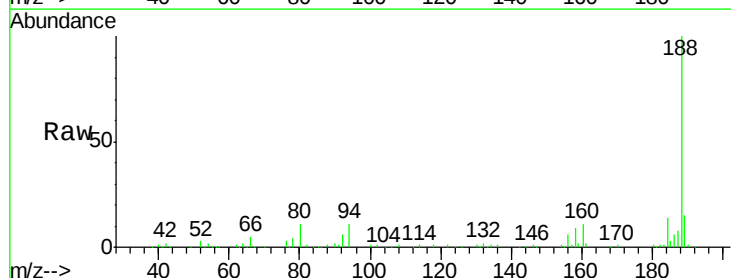
Instrument :
 BNA_F
 ClientSampleId :
 SB-20(0-0.16)

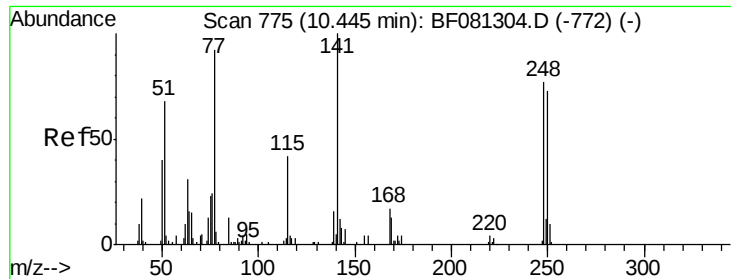
Tot Ion:165 Resp: 12778
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.8 44.6#
 89 0.0 44.5 66.7#
 182 0.0 3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081466.D
 Acq: 5 Sep 2015 15:49

Tgt Ion:188 Resp: 198390
 Ion Ratio Lower Upper
 188 100
 94 11.0 11.1 16.7#
 80 11.5 11.0 16.4

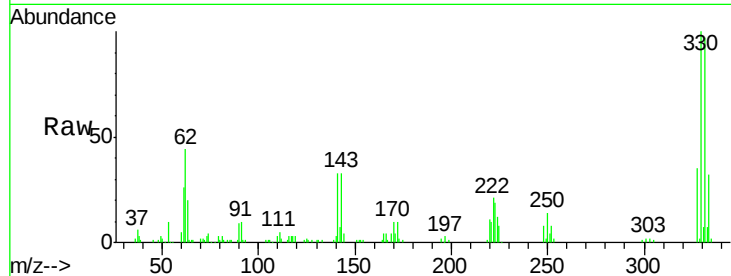




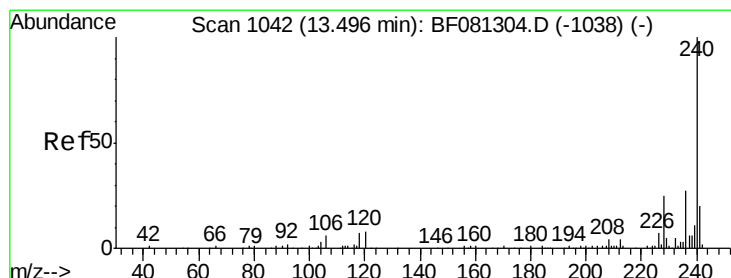
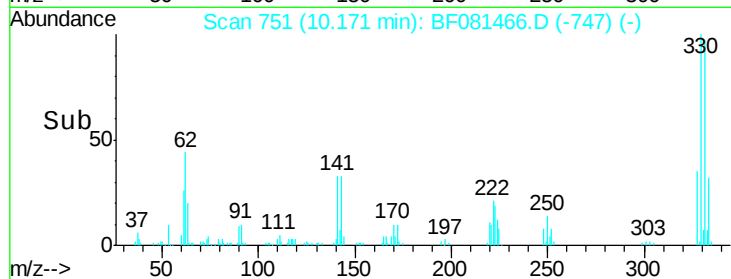
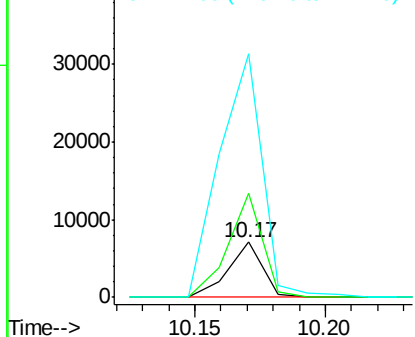
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081466.D
Acq: 5 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB-20(0-0.16)

Tot Ion:248 Resp: 6497
Ion Ratio Lower Upper
248 100
250 187.3 78.5 117.7#
141 439.7 59.0 88.6#

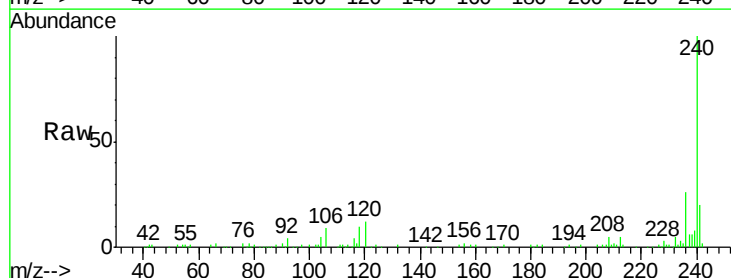


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

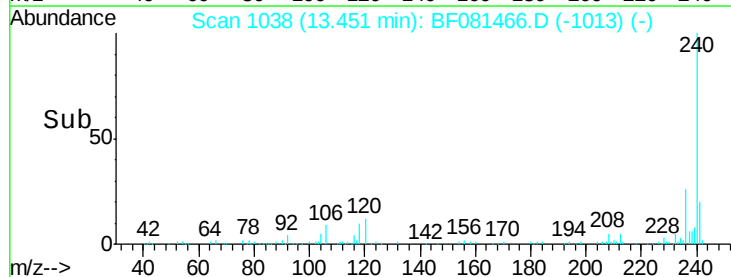
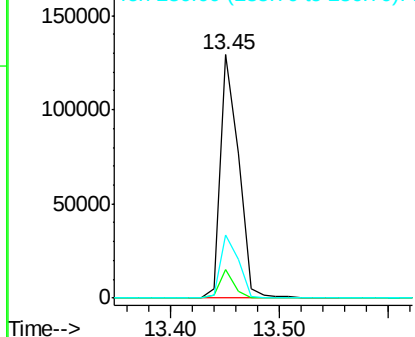


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081466.D
Acq: 5 Sep 2015 15:49

Tgt Ion:240 Resp: 151404
Ion Ratio Lower Upper
240 100
120 11.8 16.2 24.2#
236 25.8 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

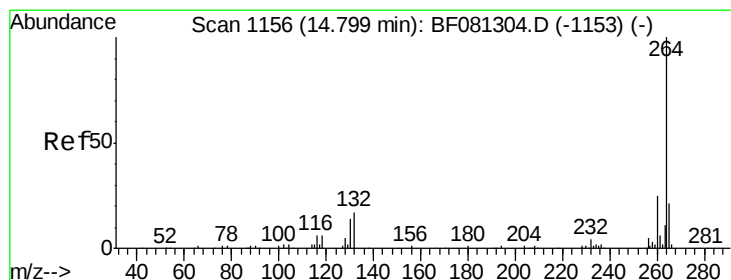
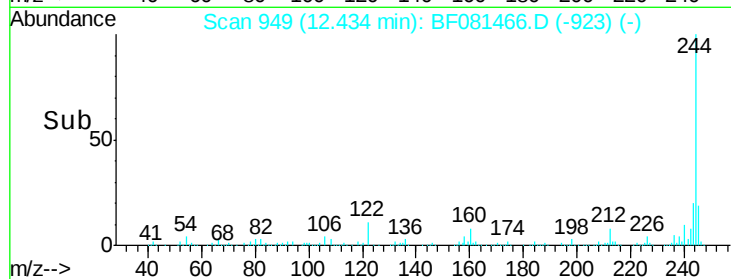
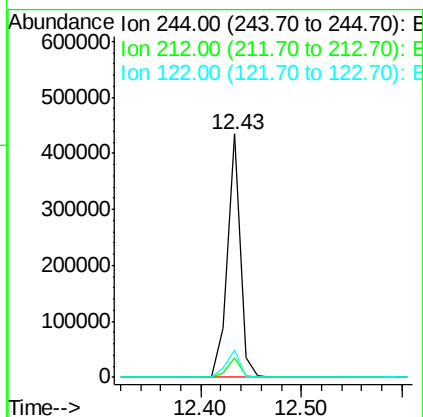
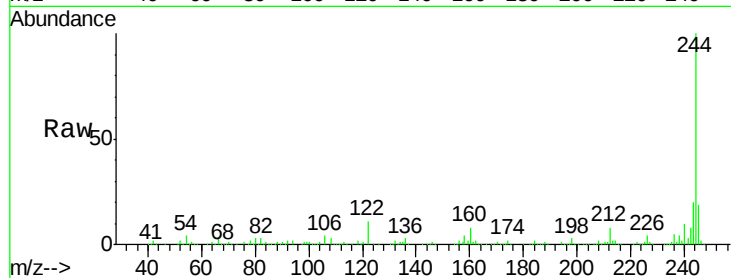




#78
 Terphenyl-d14
 Concen: 59.34 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081466.D
 Acq: 5 Sep 2015 15:49

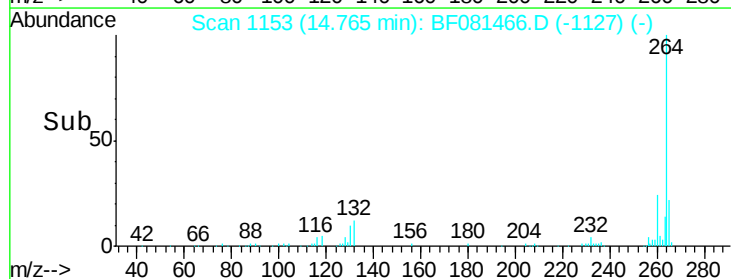
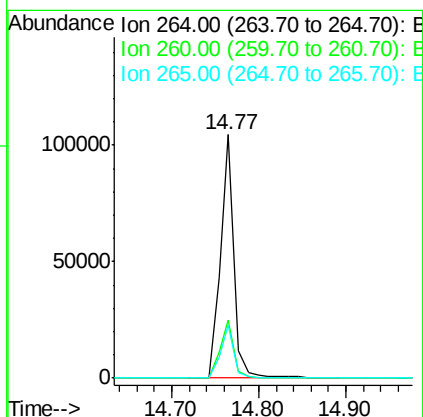
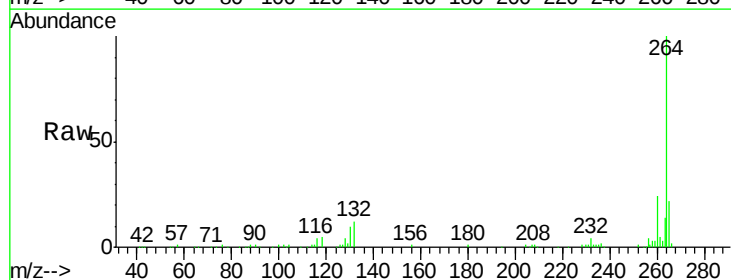
Instrument :
 BNA_F
 ClientSampleId :
 SB-20(0-0.16)

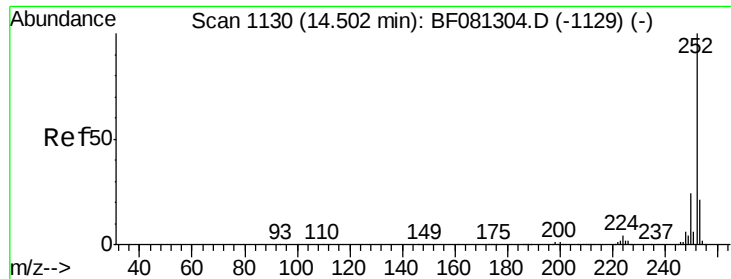
Tot Ion:244 Resp: 385944
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 11.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081466.D
 Acq: 5 Sep 2015 15:49

Tgt Ion:264 Resp: 114441
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.6 17.2 25.8





#88
 Benzo(k)fluoranthene
 Concen: 2.07 ng
 RT: 14.43 min Scan# 1124
 Delta R.T. -0.03 min
 Lab File: BF081466.D
 Acq: 5 Sep 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-20(0-0.16)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.4#
125	11.1	16.0	24.0#

