

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081556.D
 Acq On : 9 Sep 2015 16:01
 Operator : UM/IZ
 Sample : PB85464BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BL

Quant Time: Sep 10 04:44:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

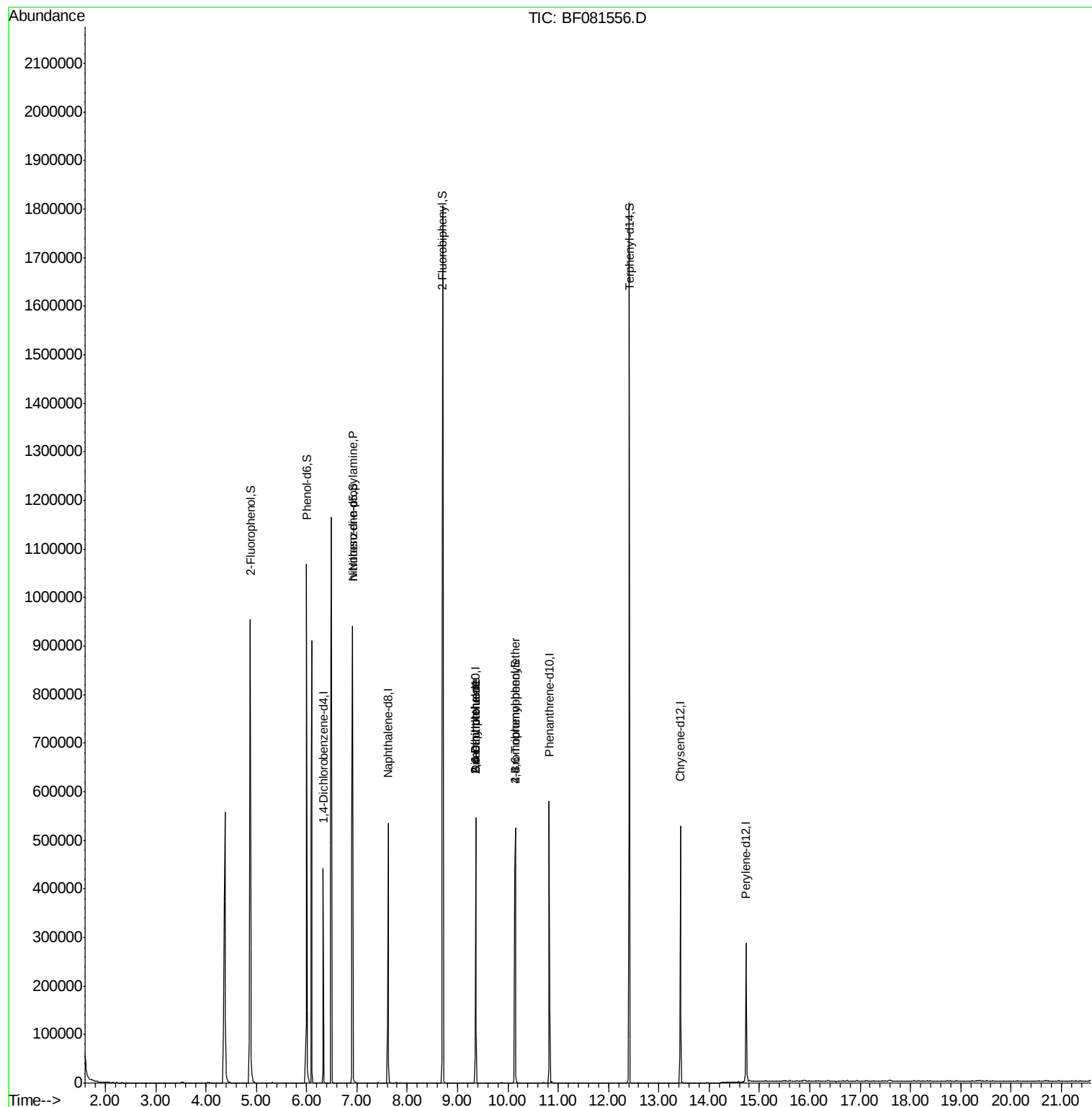
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	55462	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	226715	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	102843	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	211728	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	193643	20.00	ng	-0.01
86) Perylene-d12	14.73	264	147772	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	233377	65.29	ng	0.01
7) Phenol-d6	6.00	99	301993	63.82	ng	-0.01
23) Nitrobenzene-d5	6.91	82	331938	70.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	74542	81.40	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	568171	70.80	ng	0.00
78) Terphenyl-d14	12.41	244	523563	62.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.91	70	46364	14.40	ng	# 62
49) Dimethylphthalate	9.36	163	30621	3.83	ng	# 1
50) 2,6-Dinitrotoluene	9.36	165	13280	7.32	ng	# 37
56) 2,4-Dinitrotoluene	9.36	165	13280	5.75	ng	# 31
66) 4-Bromophenyl-phenylether	10.15	248	5070	2.37	ng	# 1

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

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QLast Update : Thu Sep 10 04:43:26 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB85464BL

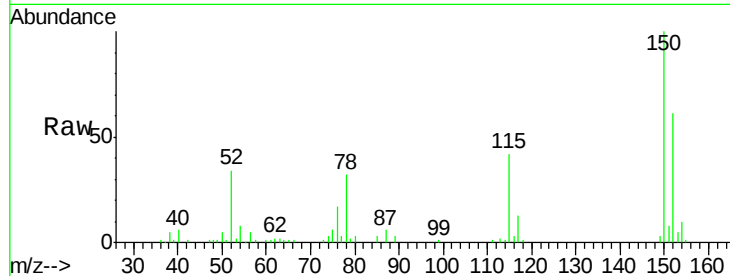
Tot Ion:152 Resp: 55462

Ion Ratio Lower Upper

152 100

150 163.8 124.7 187.1

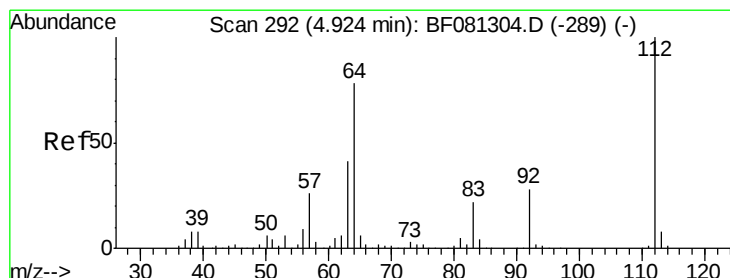
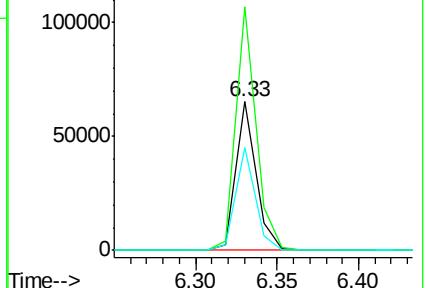
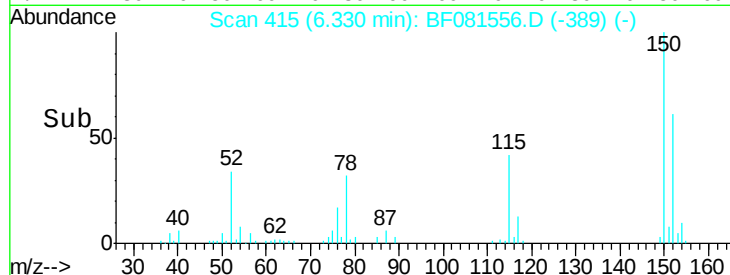
115 68.9 39.0 58.4#



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: 65.29 ng

RT: 4.88 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

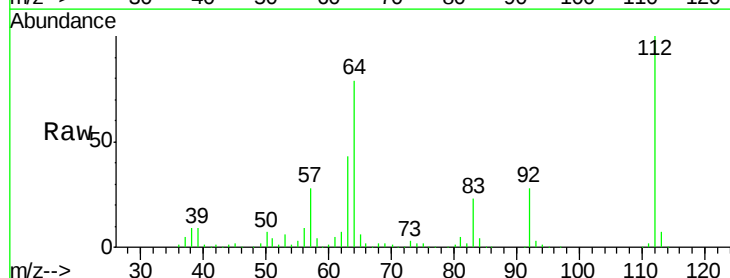
Tgt Ion:112 Resp: 233377

Ion Ratio Lower Upper

112 100

64 79.2 39.7 59.5#

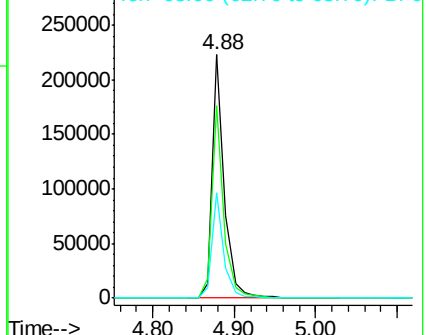
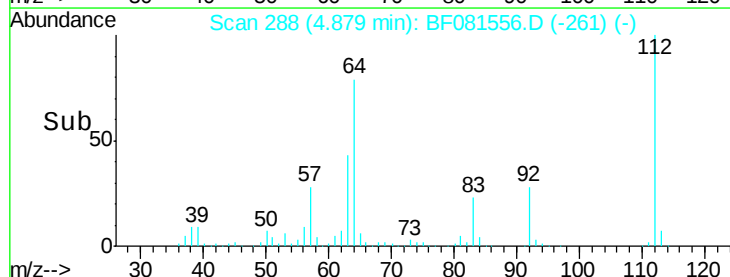
63 43.3 17.4 26.0#

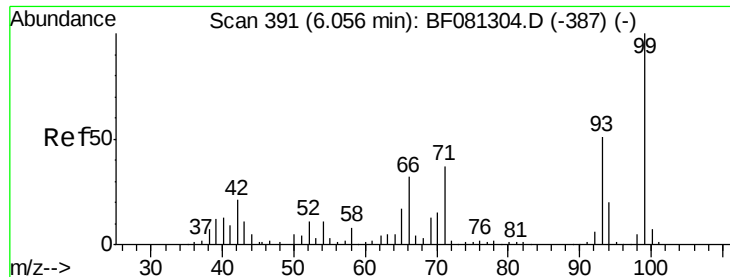


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 63.82 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

Instrument :

BNA_F

ClientSampled :

PB85464BL

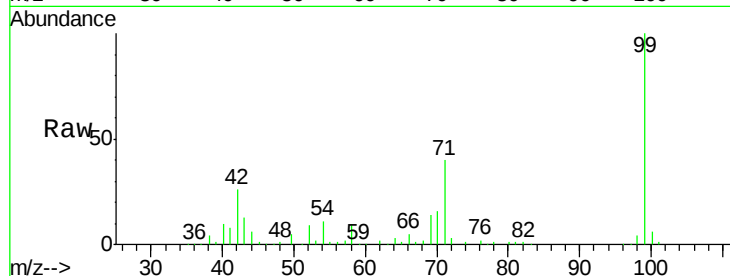
Tot Ion: 99 Resp: 301993

Ion Ratio Lower Upper

99 100

42 25.5 13.7 20.5#

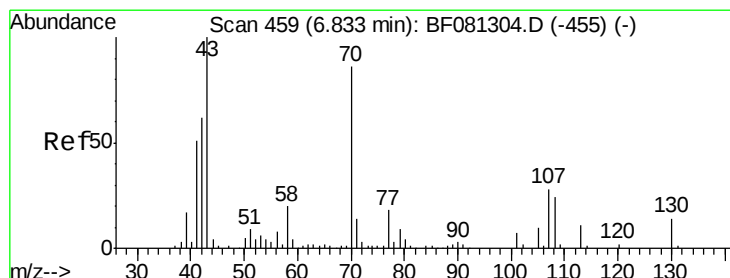
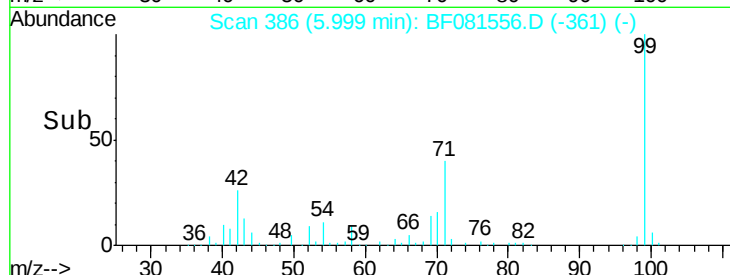
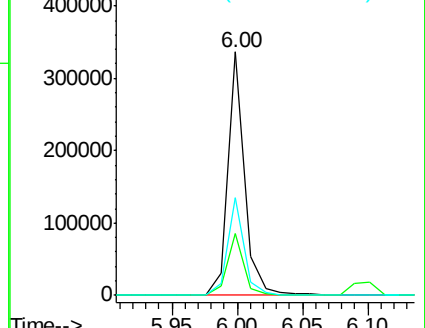
71 40.2 14.2 21.2#



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: 14.40 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.13 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

Tgt Ion: 70 Resp: 46364

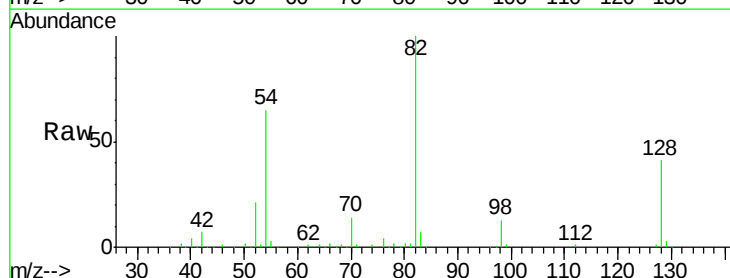
Ion Ratio Lower Upper

70 100

42 52.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#

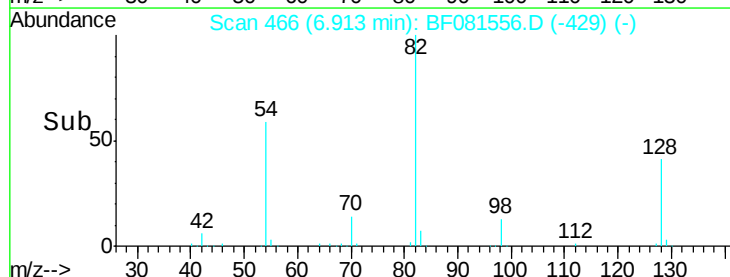
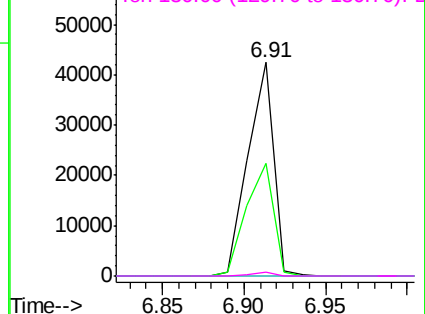


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

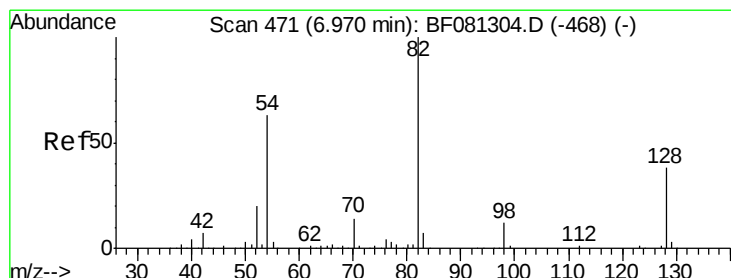
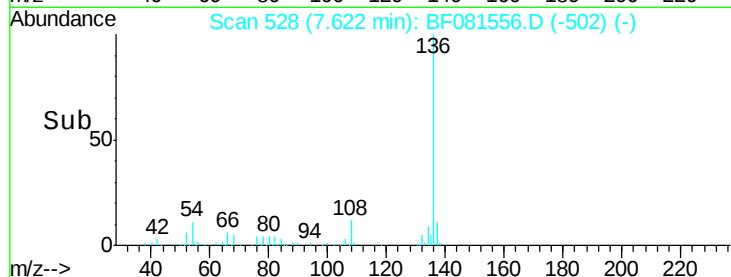
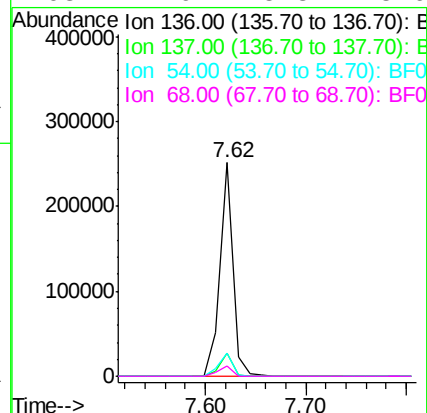
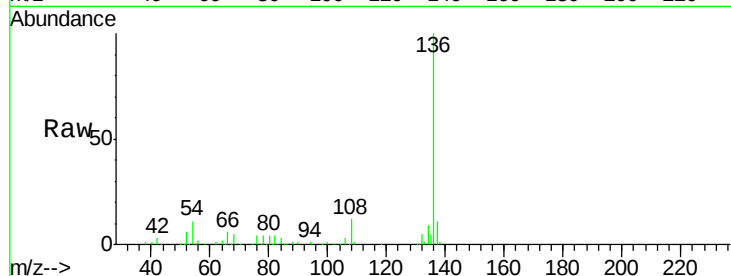
Instrument :

BNA_F

ClientSampleId :

PB85464BL

Tot Ion:136	Resp:	226715
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	11.0	8.2 12.2
68	4.9	5.8 8.6#



#23

Nitrobenzene-d5

Concen: 70.64 ng

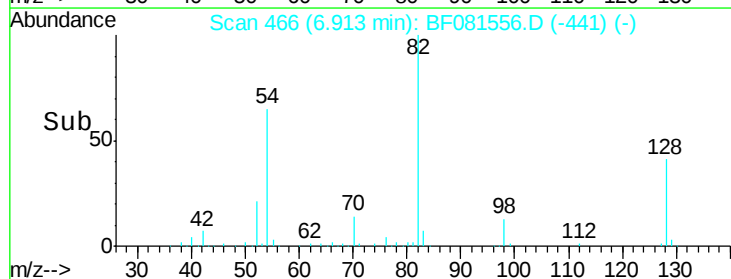
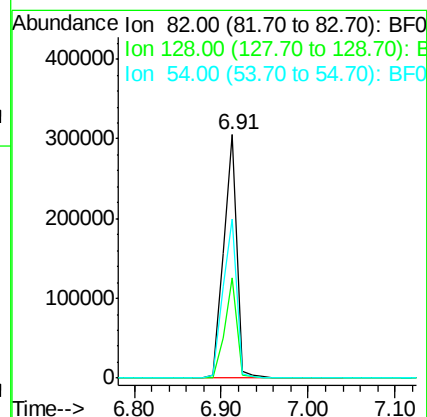
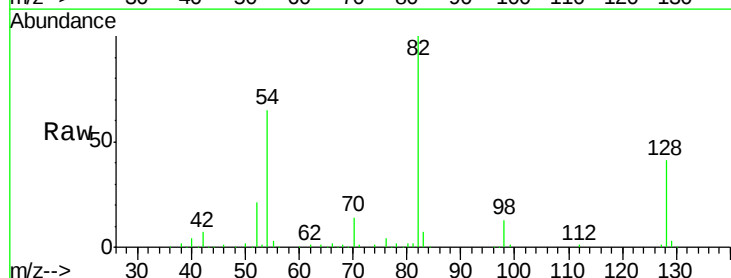
RT: 6.91 min Scan# 466

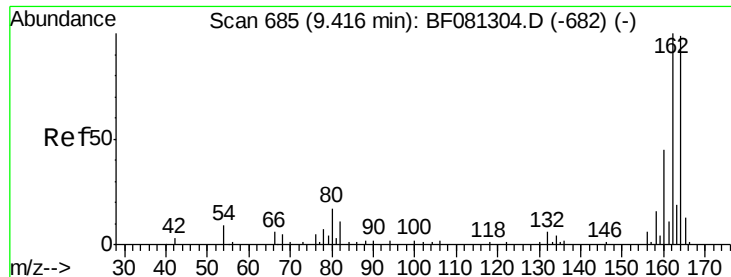
Delta R.T. -0.01 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

Tgt Ion: 82	Resp:	331938
Ion Ratio	Lower	Upper
82	100	
128	41.1	51.0 76.6#
54	65.3	47.5 71.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB85464BL

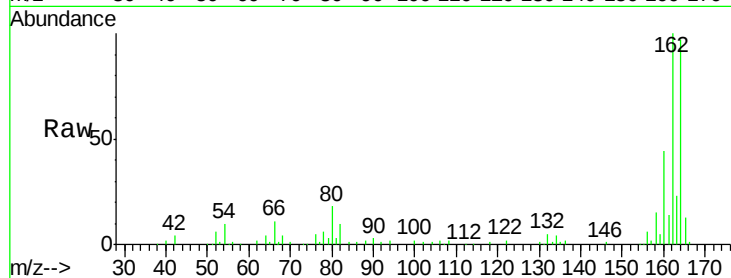
Tot Ion:164 Resp: 102843

Ion Ratio Lower Upper

164 100

162 103.6 75.2 112.8

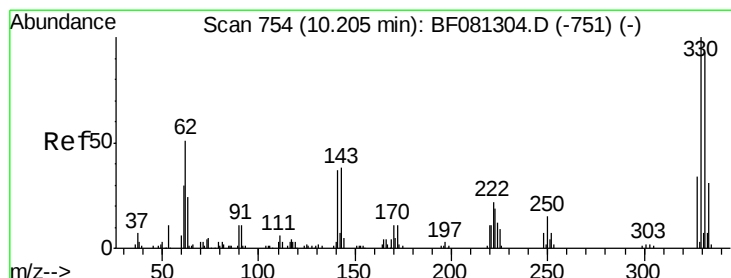
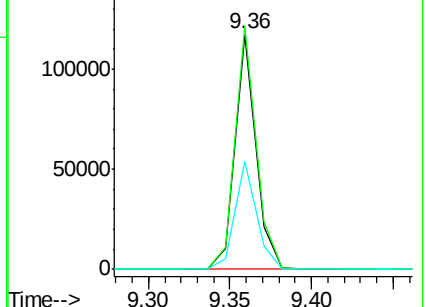
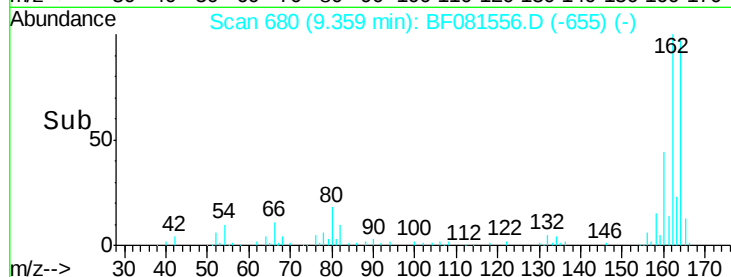
160 45.8 31.5 47.3



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: 81.40 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

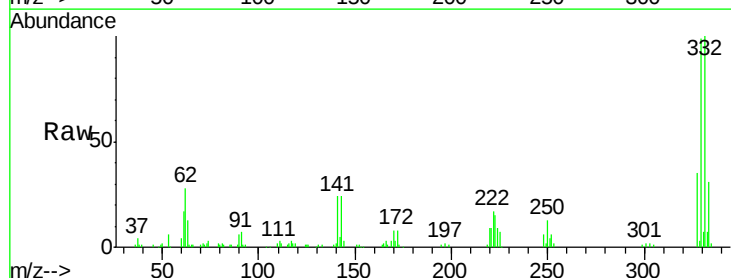
Tgt Ion:330 Resp: 74542

Ion Ratio Lower Upper

330 100

332 99.2 76.6 114.8

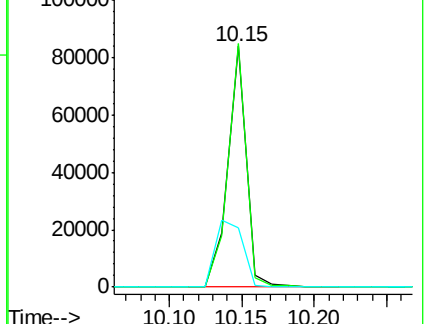
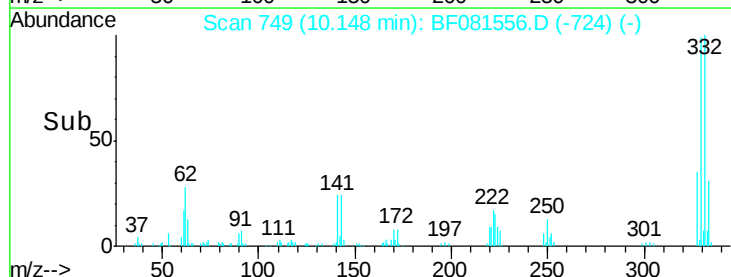
141 41.3 29.7 44.5



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

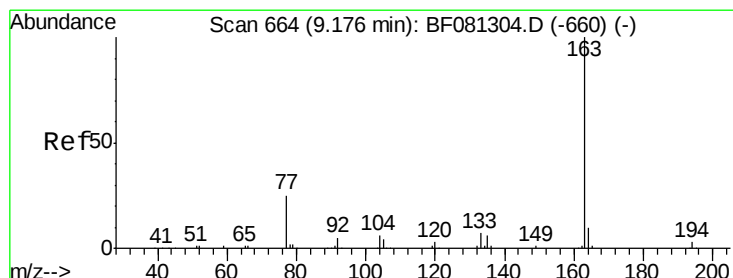
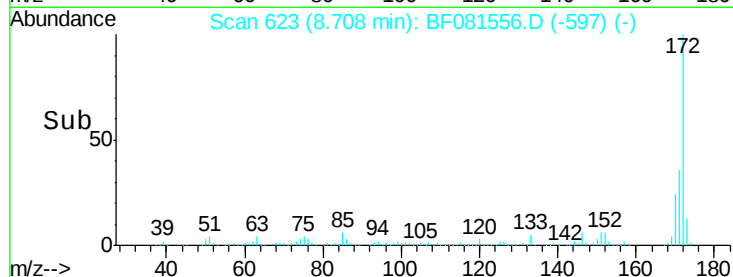
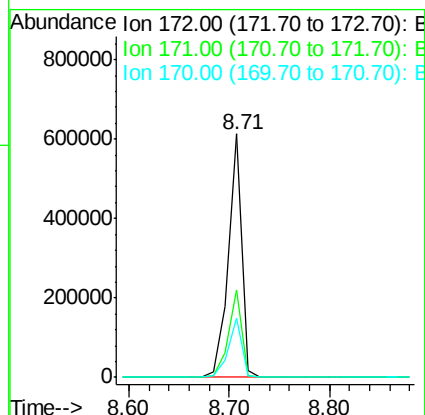
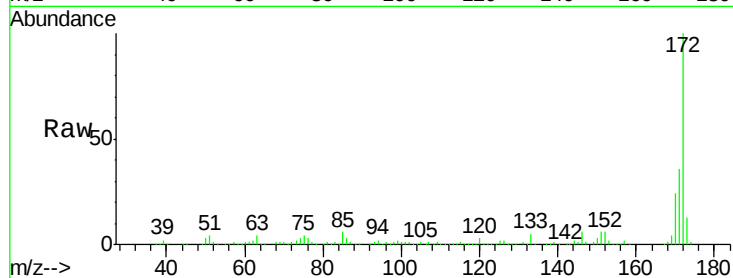




#44
2-Fluorobiphenyl
Concen: 70.80 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF081556.D
Acq: 9 Sep 2015 16:01

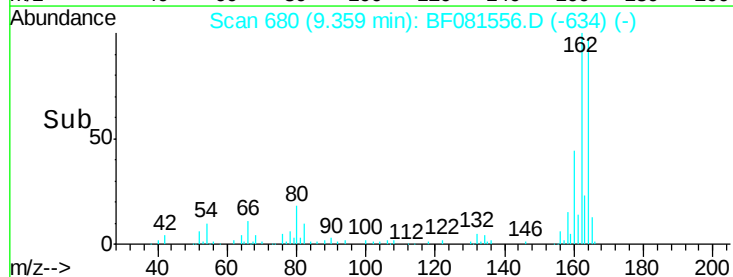
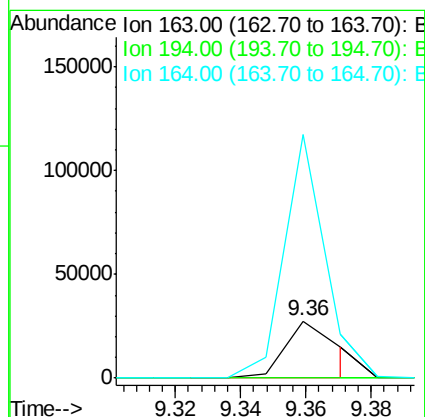
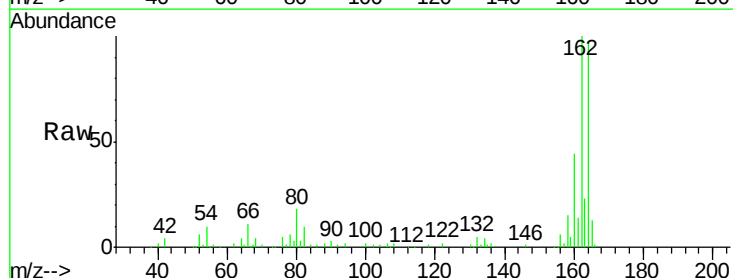
Instrument :
BNA_F
ClientSampleId :
PB85464BL

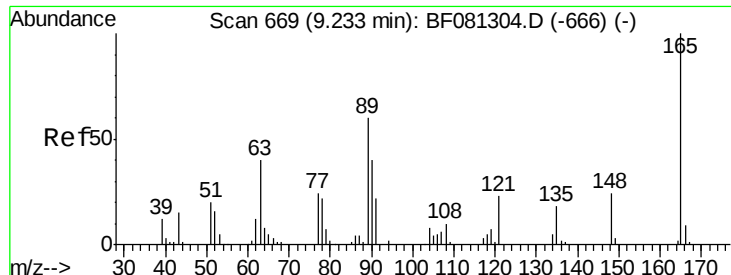
Tot Ion:172 Resp: 568171
Ion Ratio Lower Upper
172 100
171 35.8 26.1 39.1
170 24.3 17.4 26.2



#49
Dimethylphthalate
Concen: 3.83 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.23 min
Lab File: BF081556.D
Acq: 9 Sep 2015 16:01

Tgt Ion:163 Resp: 30621
Ion Ratio Lower Upper
163 100
194 0.0 4.4 6.6#
164 428.3 8.3 12.5#

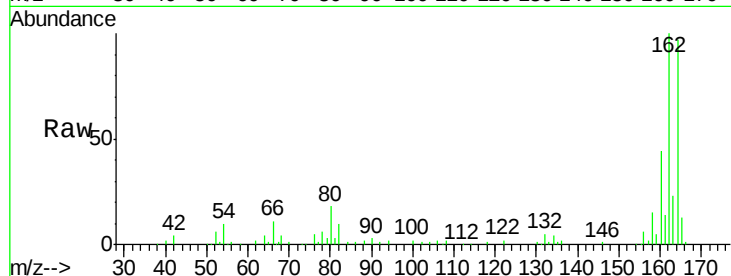




#50
 2,6-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.17 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BL

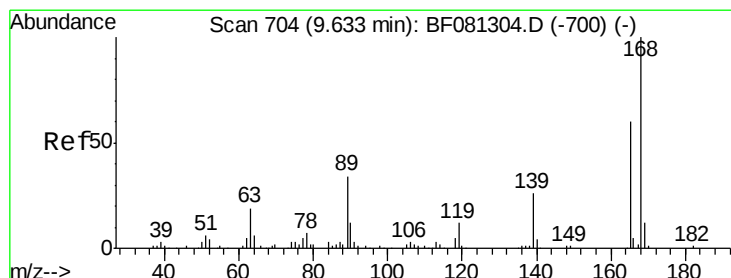
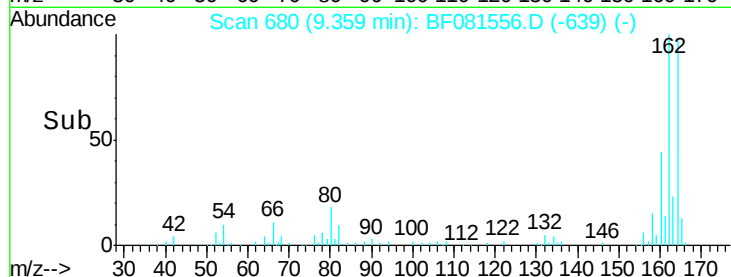
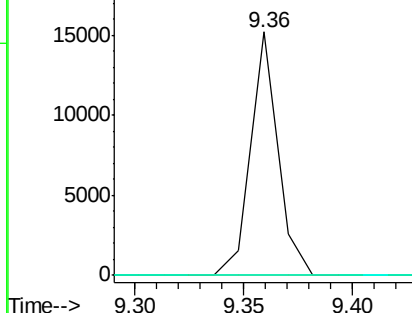
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

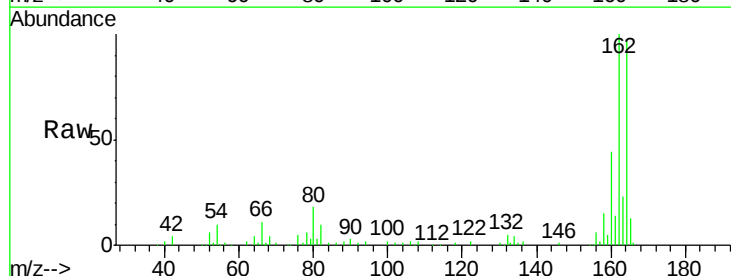
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.23 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

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#

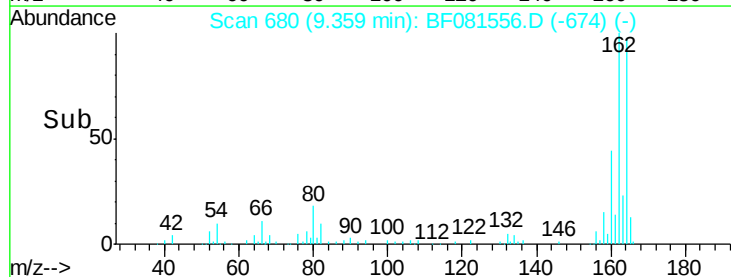
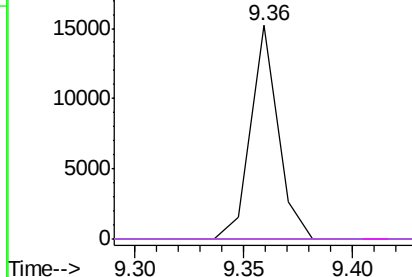


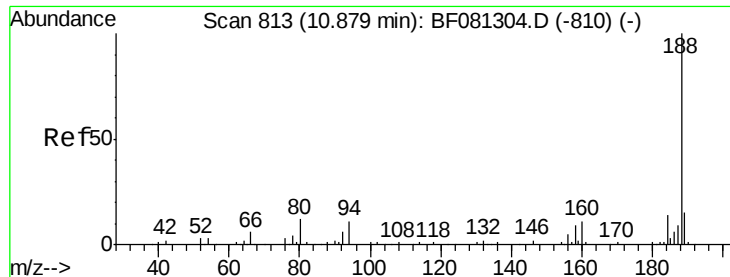
Abundance Ion 165.00 (164.70 to 165.70): E

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

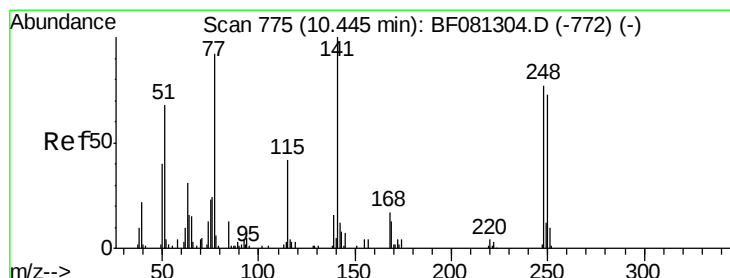
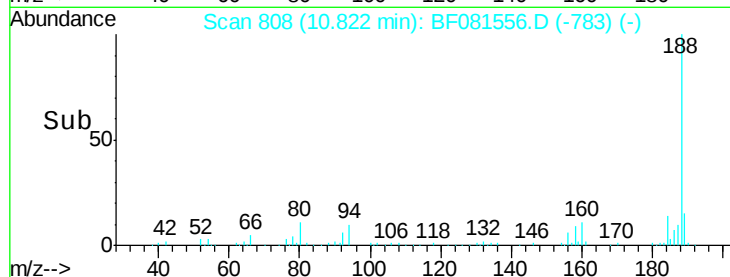
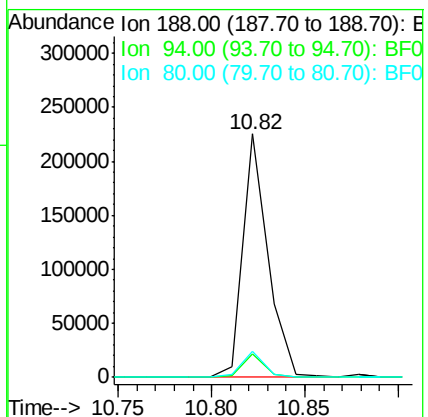
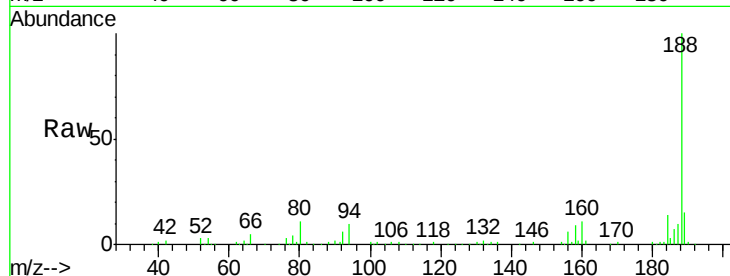




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081556.D
Acq: 9 Sep 2015 16:01

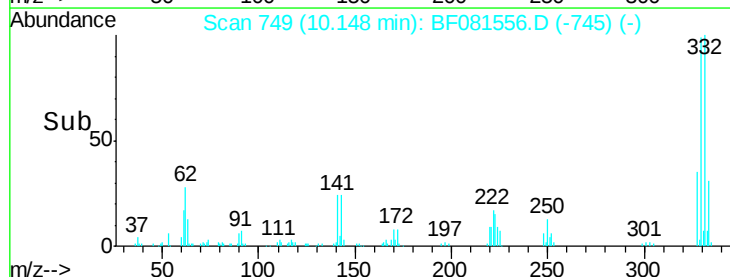
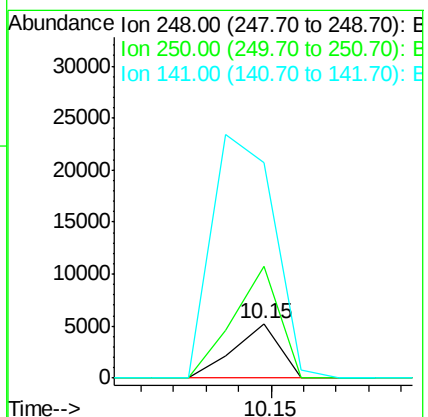
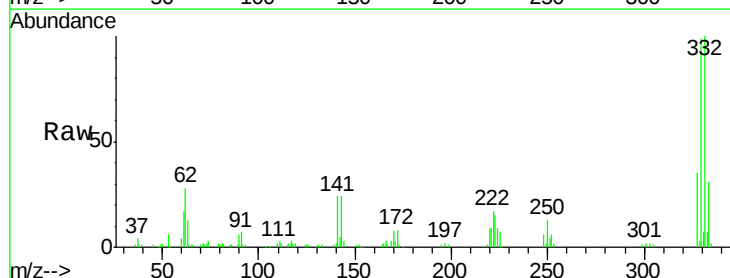
Instrument :
BNA_F
ClientSampleId :
PB85464BL

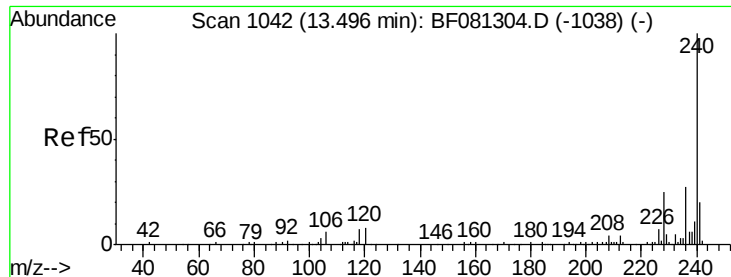
Tot Ion:188 Resp: 211728
Ion Ratio Lower Upper
188 100
94 9.9 11.1 16.7#
80 10.9 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 2.37 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF081556.D
Acq: 9 Sep 2015 16:01

Tgt Ion:248 Resp: 5070
Ion Ratio Lower Upper
248 100
250 206.4 78.5 117.7#
141 396.8 59.0 88.6#

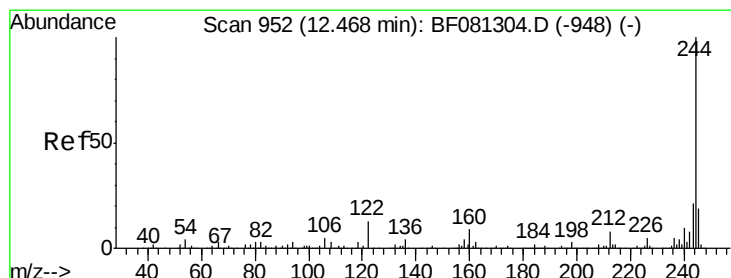
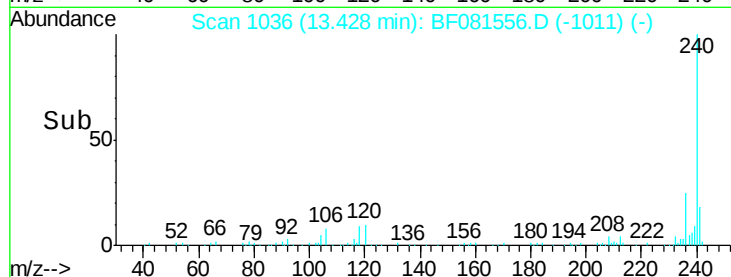
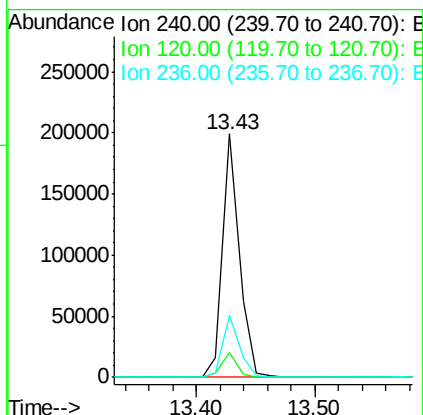
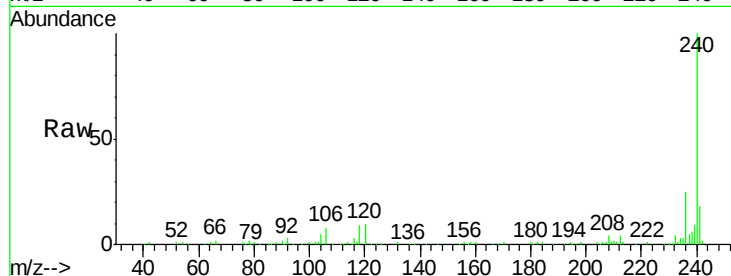




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

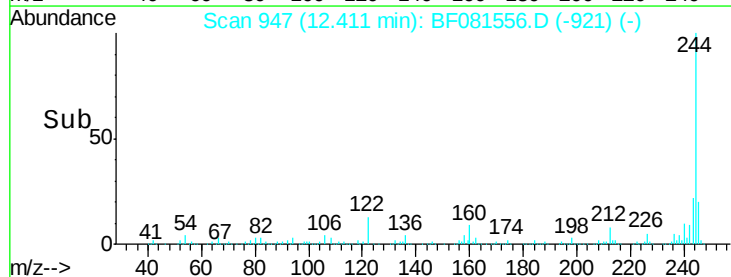
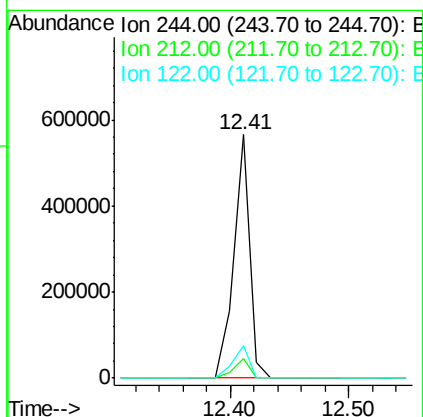
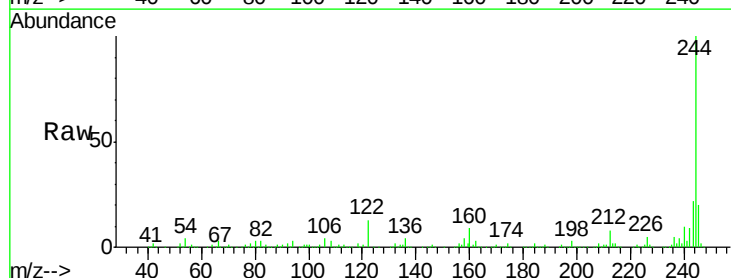
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BL

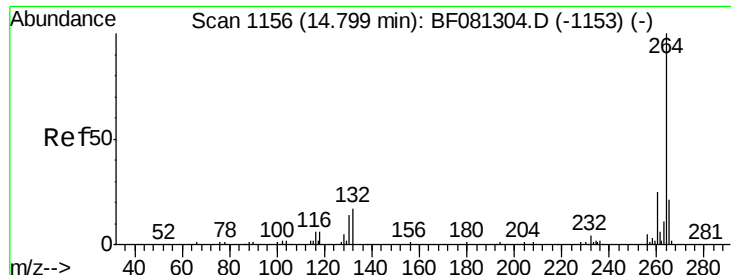
Tot Ion:240 Resp: 193643
 Ion Ratio Lower Upper
 240 100
 120 10.4 16.2 24.2#
 236 25.4 18.4 27.6



#78
 Terphenyl-d14
 Concen: 62.94 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

Tgt Ion:244 Resp: 523563
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 13.1 17.4 26.2#

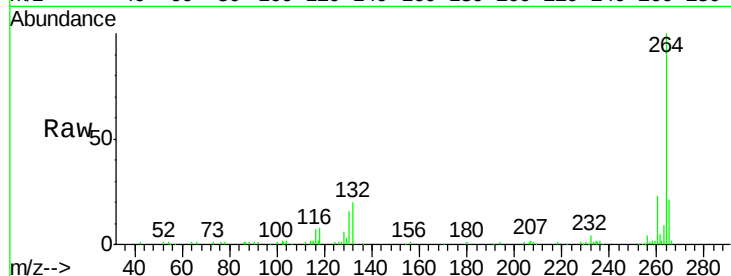




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BL

Tot Ion:264 Resp: 147772
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.7 25.1
 265 20.9 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

