

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086394.D
 Acq On : 23 Apr 2016 17:00
 Operator : UM/SJ
 Sample : H2640-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

Quant Time: Apr 25 00:53:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

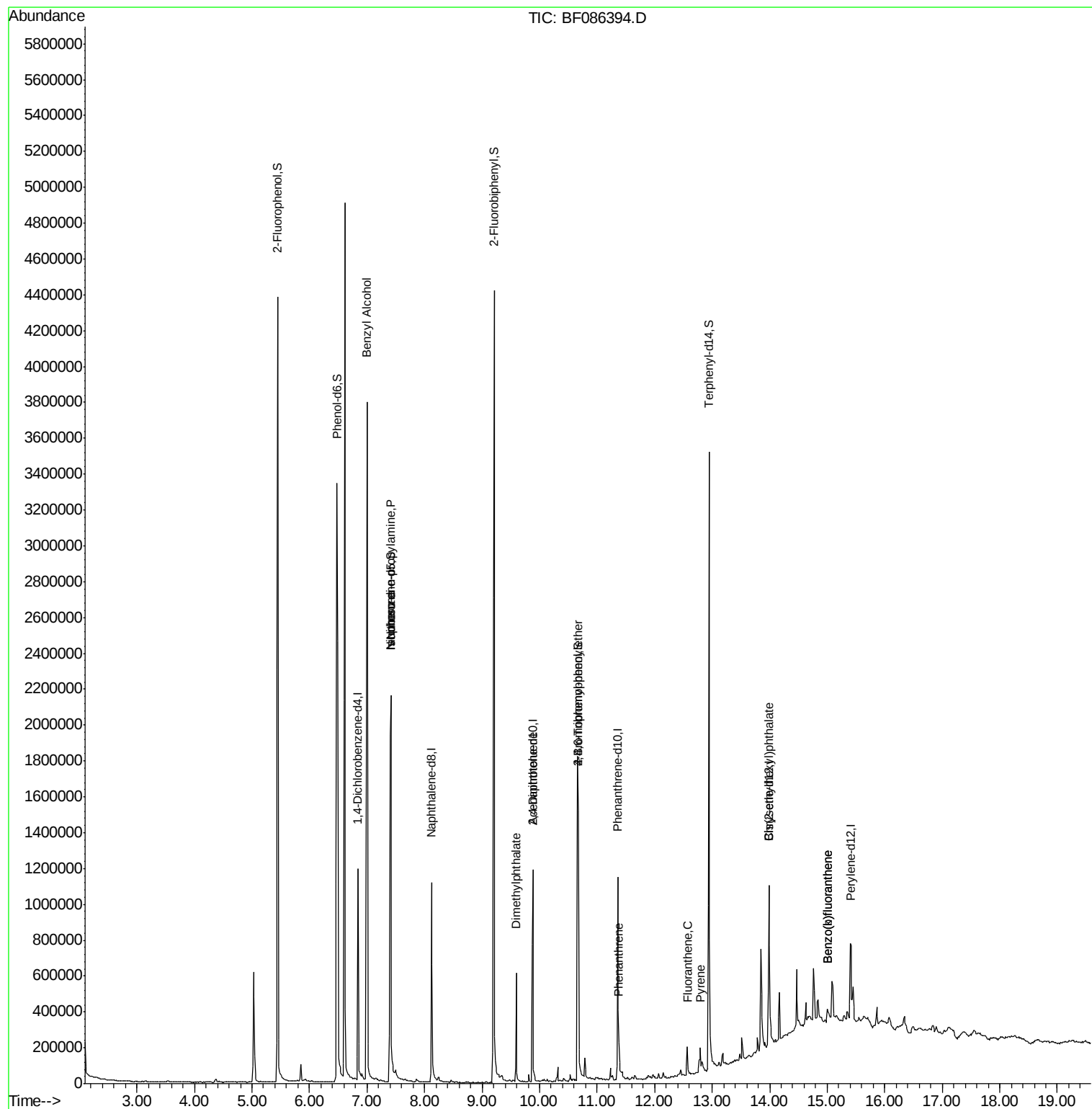
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	189476	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	737931	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	315127	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	524538	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	382444	20.00	ng	-0.01
86) Perylene-d12	15.41	264	303015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1440399	131.28	ng	0.02
7) Phenol-d6	6.48	99	1955362	131.09	ng	0.00
23) Nitrobenzene-d5	7.41	82	1230030	98.74	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	342819	120.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1886901	102.18	ng	0.00
78) Terphenyl-d14	12.95	244	1220202	79.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	20347	2.30	ng	# 37
19) n-Nitroso-di-n-propylamine	7.41	70	160056	17.96	ng	# 76
25) Isophorone	7.41	82	1224090	50.14	ng	# 68
49) Dimethylphthalate	9.60	163	245836	10.80	ng	100
56) 2,4-Dinitrotoluene	9.88	165	39813	6.10	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	20748	4.04	ng	# 1
70) Phenanthrene	11.38	178	56323	2.14	ng	98
74) Fluoranthene	12.57	202	75492	2.66	ng	94
77) Pyrene	12.80	202	67542	2.53	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	88824	6.38	ng	# 97
87) Benzo(b)fluoranthene	15.00	252	50125	3.01	ng	# 76
88) Benzo(k)fluoranthene	15.00	252	50125	3.07	ng	# 74

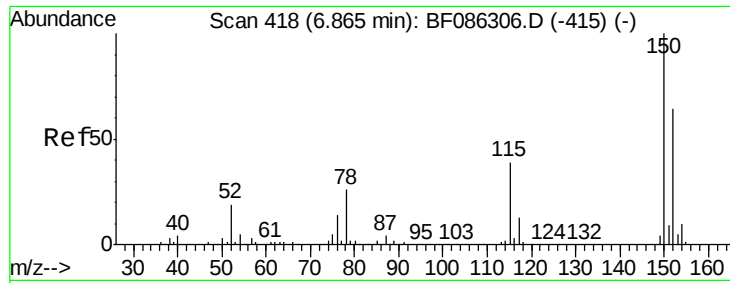
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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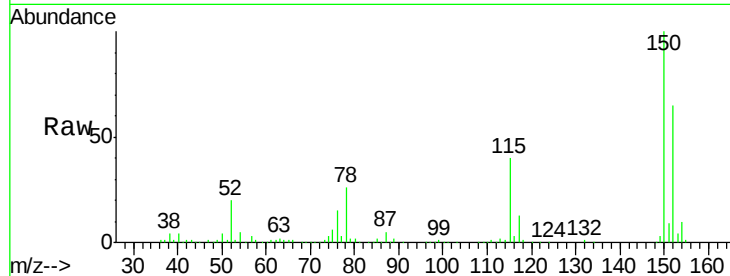




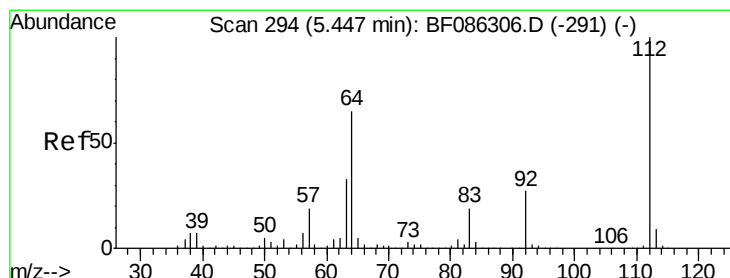
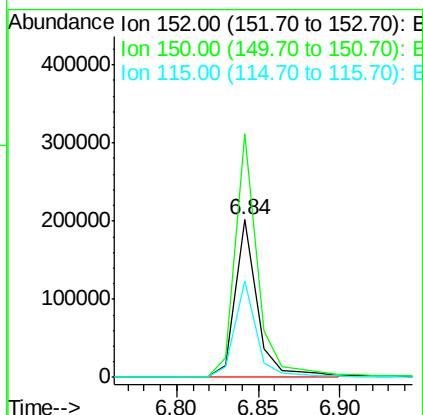
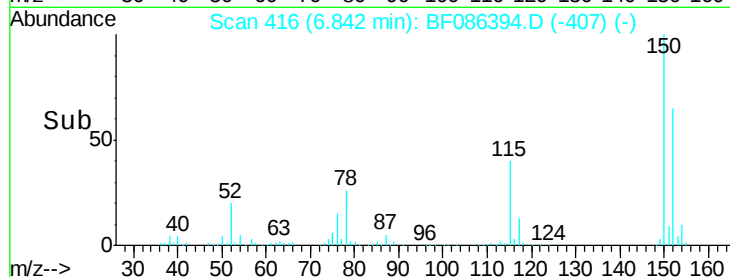
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

Tgt Ion:152 Resp: 189476
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.8 188.6
 115 61.5 51.5 77.3

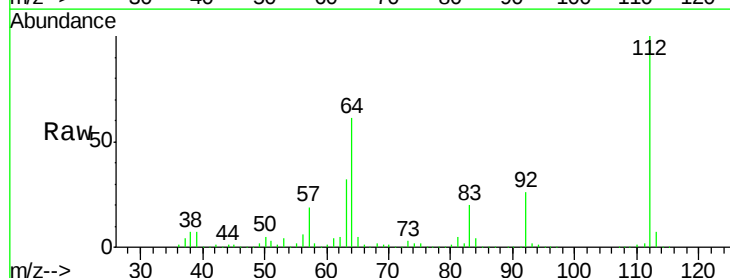


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

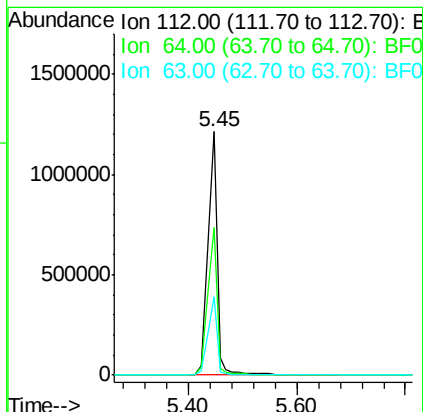
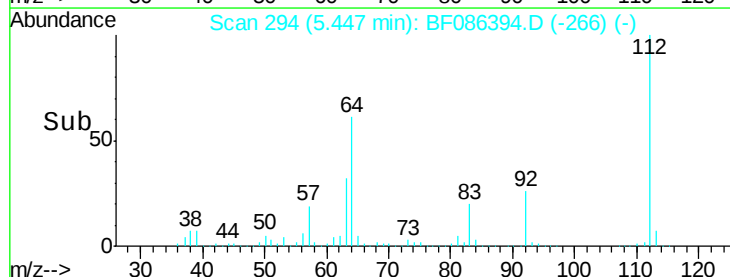


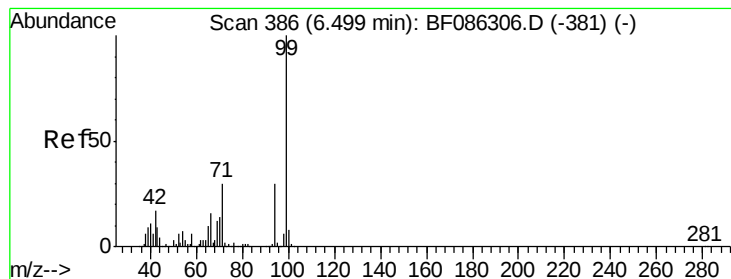
#5
 2-Fluorophenol
 Concen: 131.28 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.02 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Tgt Ion:112 Resp: 1440399
 Ion Ratio Lower Upper
 112 100
 64 60.6 52.1 78.1
 63 32.1 25.7 38.5



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: 131.09 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

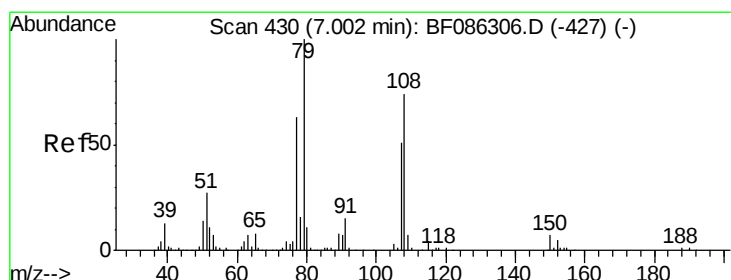
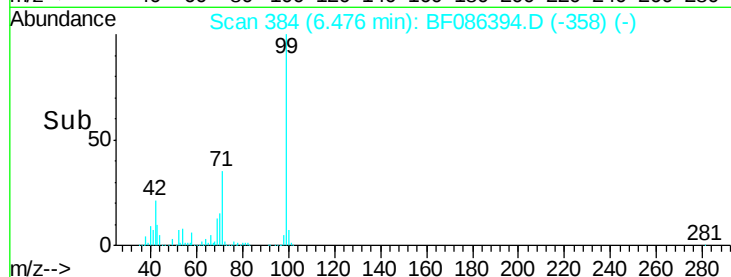
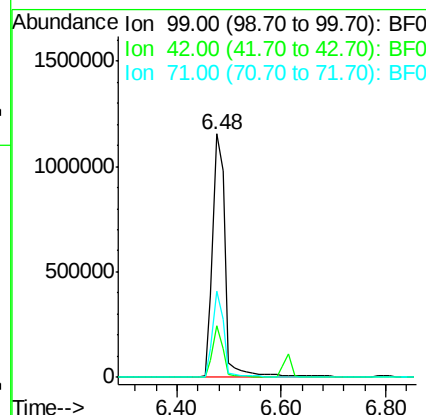
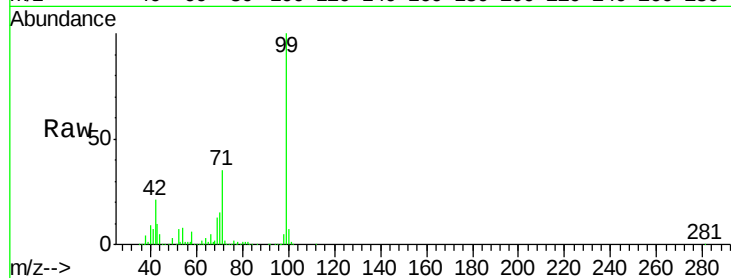
BNA_F

ClientSampleId :

WPG-B11(4-8)-C

Tgt Ion: 99 Resp: 1955362

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.6	20.4#
71	35.5	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 7.00 min Scan# 430

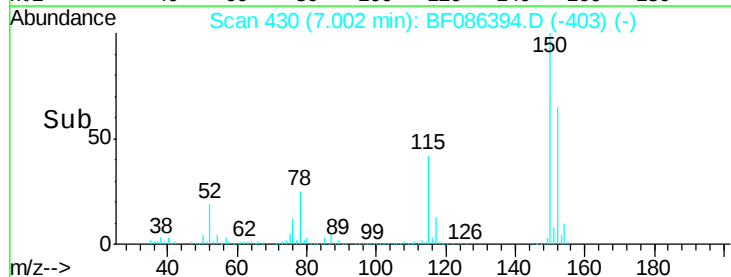
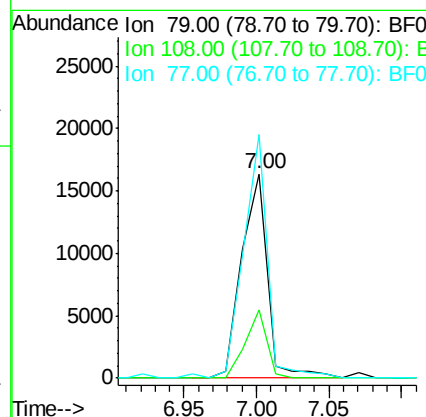
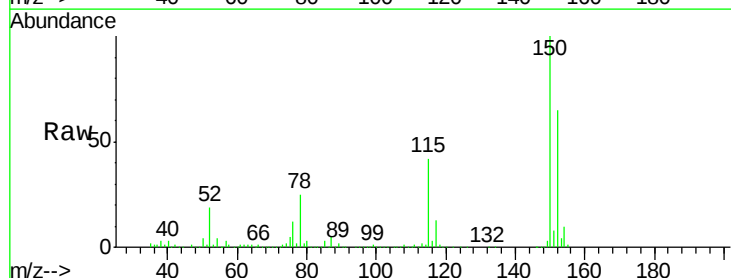
Delta R.T. 0.01 min

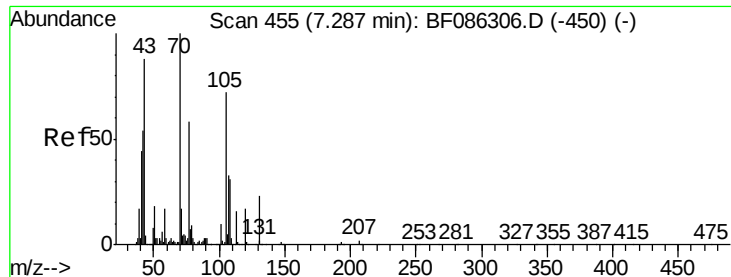
Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Tgt Ion: 79 Resp: 20347

Ion	Ratio	Lower	Upper
79	100		
108	33.5	68.4	102.6#
77	119.0	50.6	76.0#

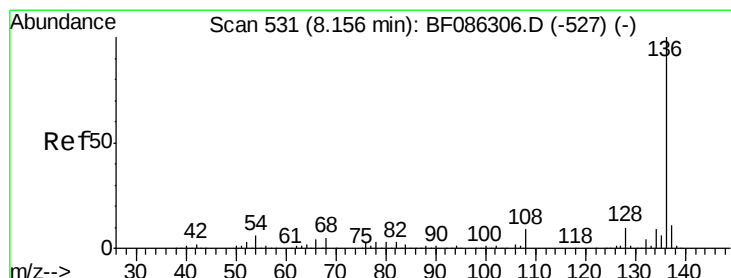
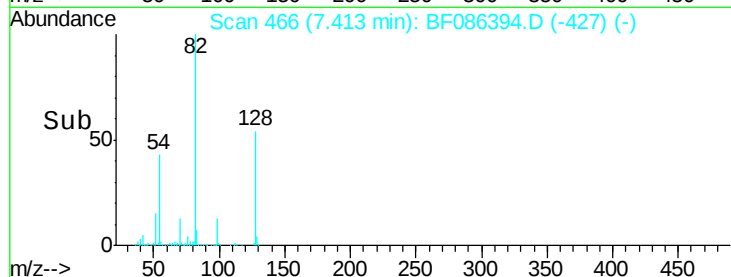
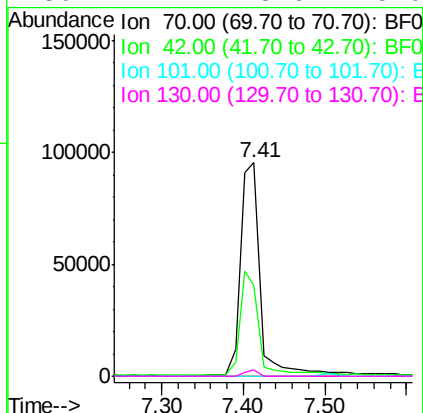
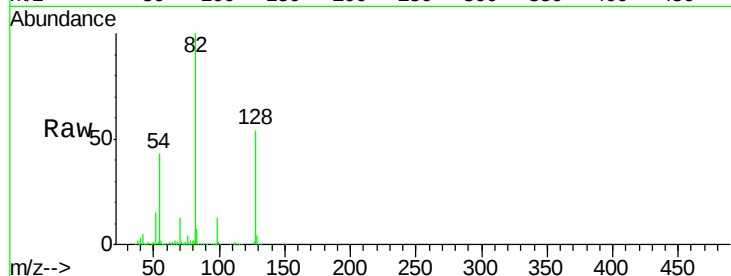




#19
n-Nitroso-di-n-propylamine
Concen: 17.96 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

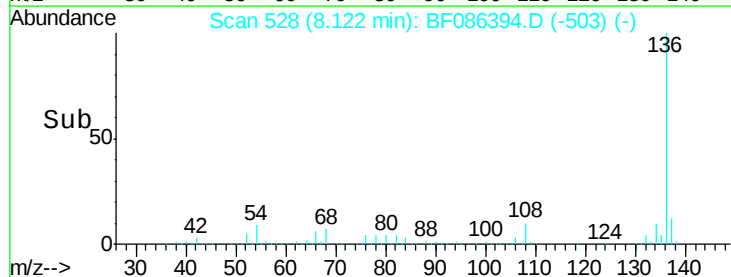
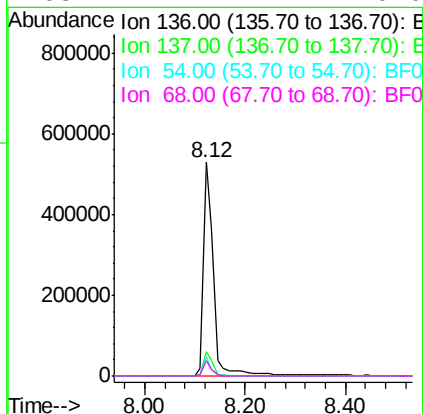
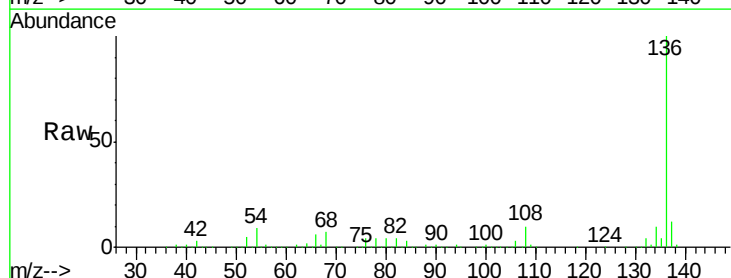
Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

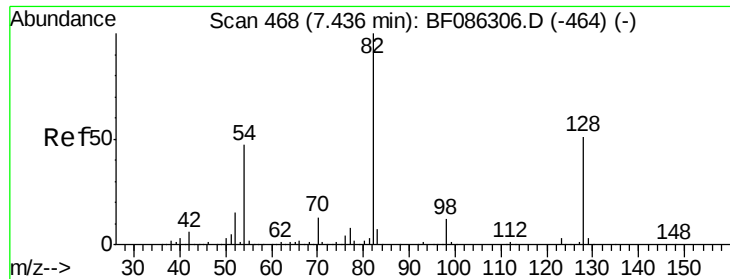
Tgt Ion:	70	Resp:	160056
Ion	Ratio	Lower	Upper
70	100		
42	42.3	43.1	64.7#
101	0.0	8.1	12.1#
130	2.7	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:	136	Resp:	737931
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.1	5.0	7.4#
68	7.2	4.4	6.6#

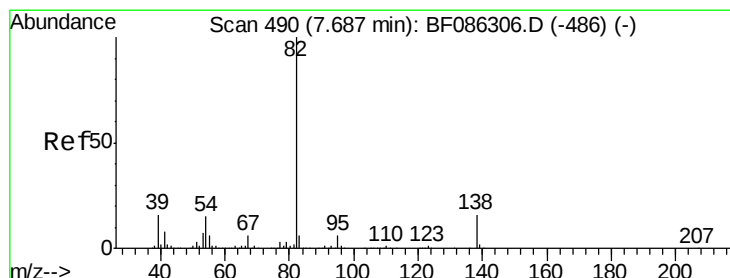
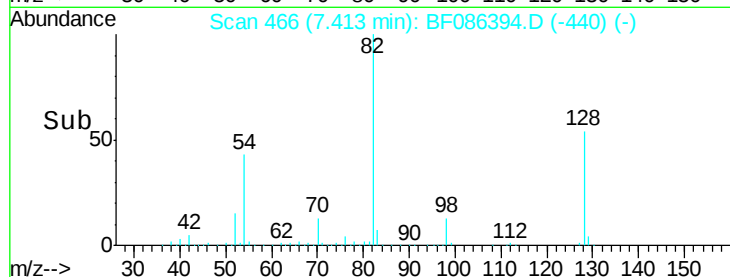
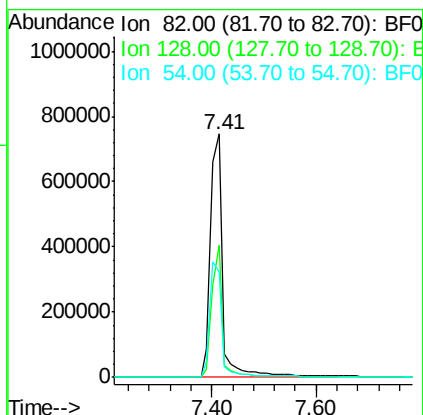
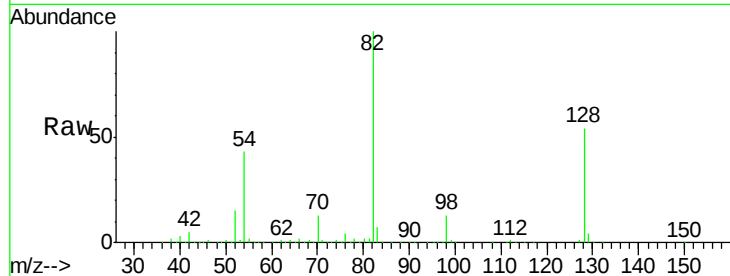




#23
 Nitrobenzene-d5
 Concen: 98.74 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

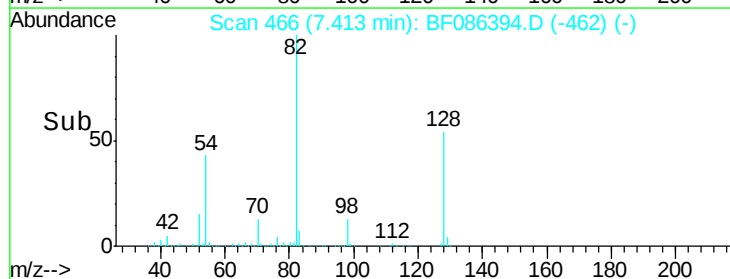
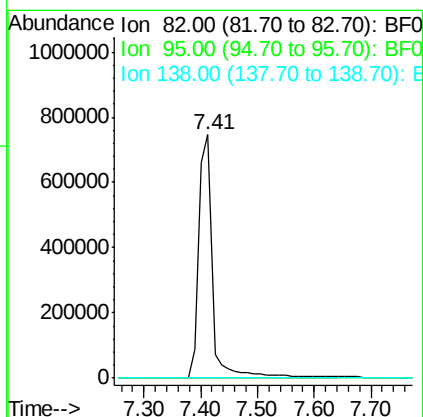
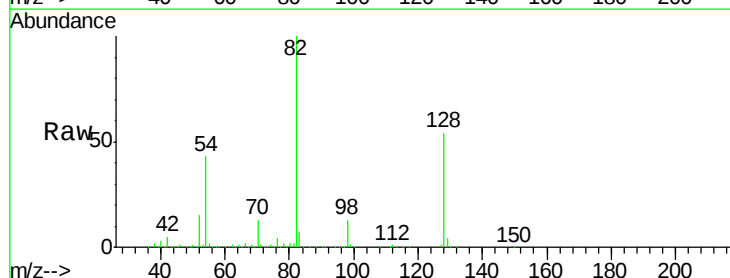
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

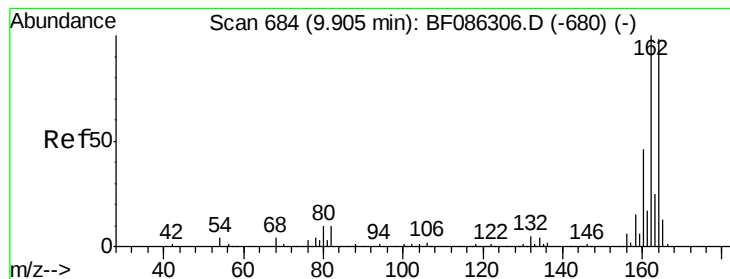
Tgt Ion: 82 Resp: 1230030
 Ion Ratio Lower Upper
 82 100
 128 54.1 40.6 61.0
 54 43.5 38.1 57.1



#25
 Isophorone
 Concen: 50.14 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.25 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Tgt Ion: 82 Resp: 1224090
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

BNA_F

ClientSampleId :

WPG-B11(4-8)-C

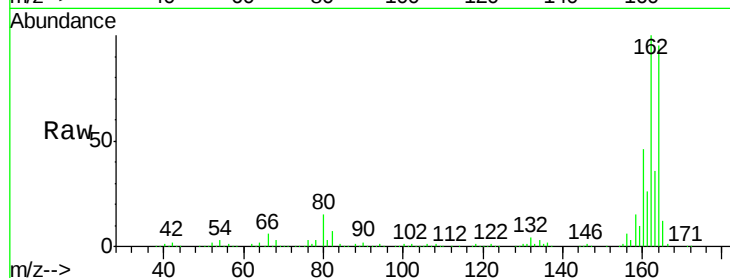
Tgt Ion:164 Resp: 315127

Ion Ratio Lower Upper

164 100

162 105.7 82.8 124.2

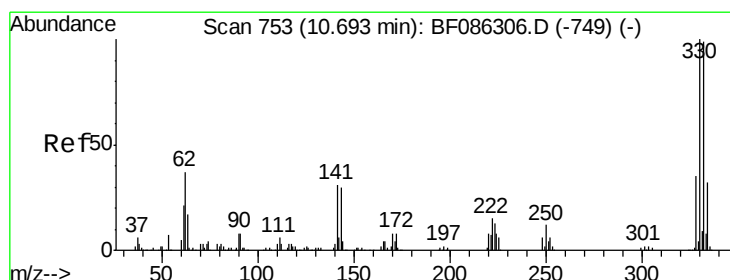
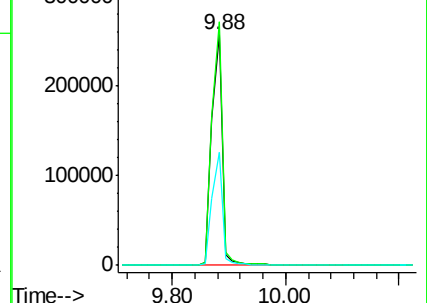
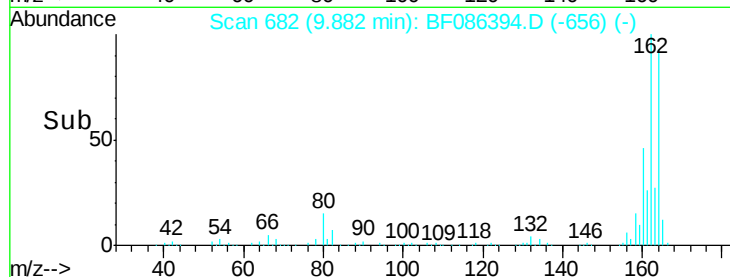
160 48.9 36.9 55.3



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: 120.18 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

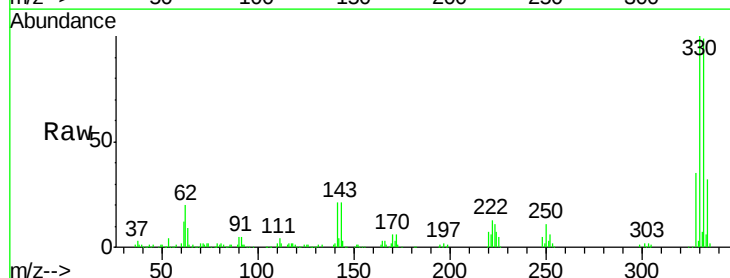
Tgt Ion:330 Resp: 342819

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

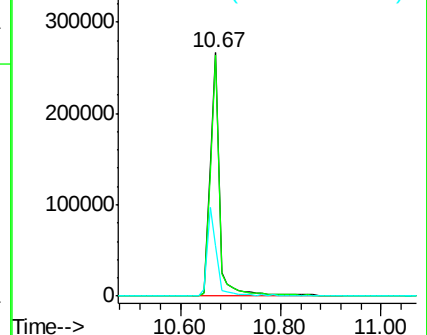
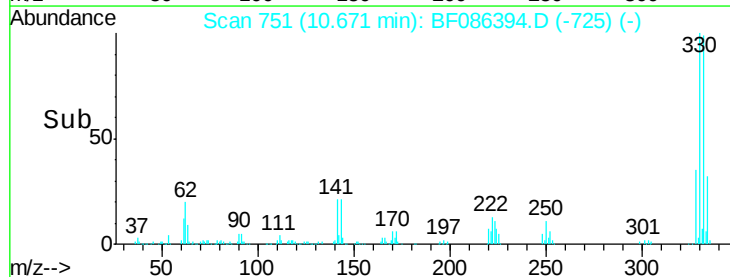
141 36.4 31.2 46.8

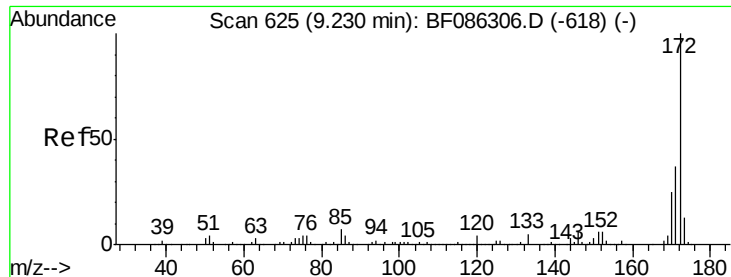


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

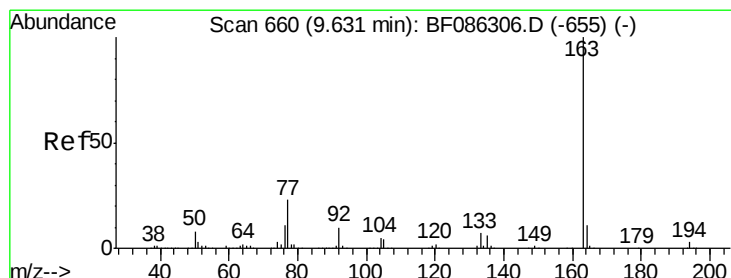
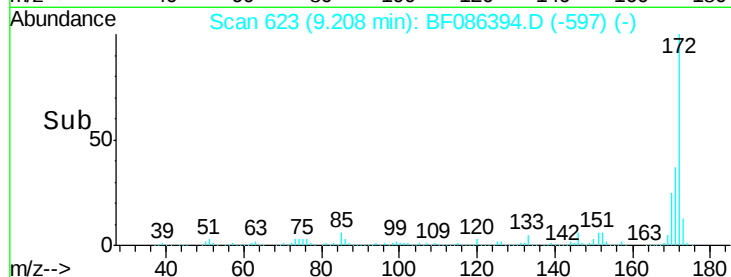
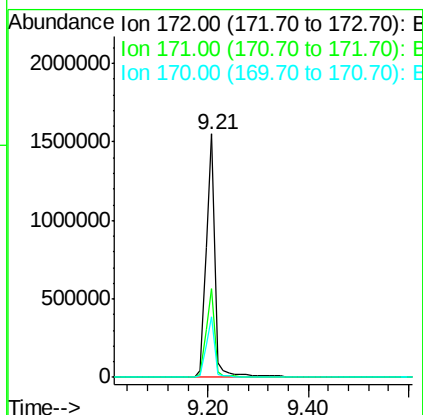
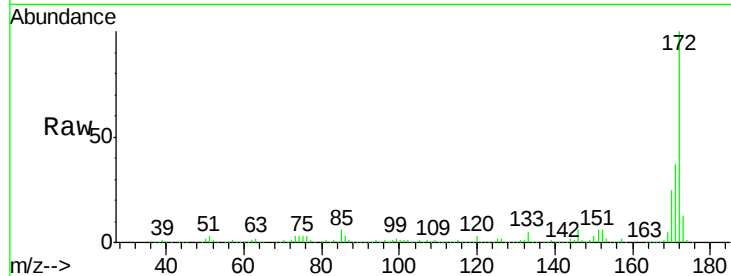




#44
 2-Fluorobiphenyl
 Concen: 102.18 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

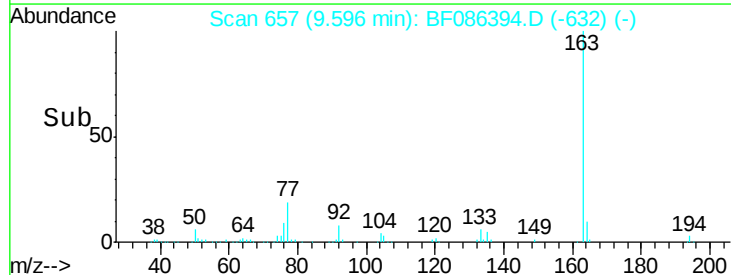
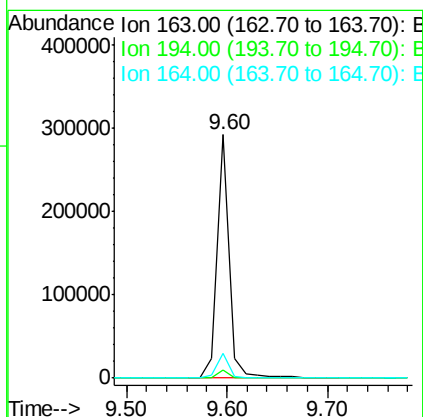
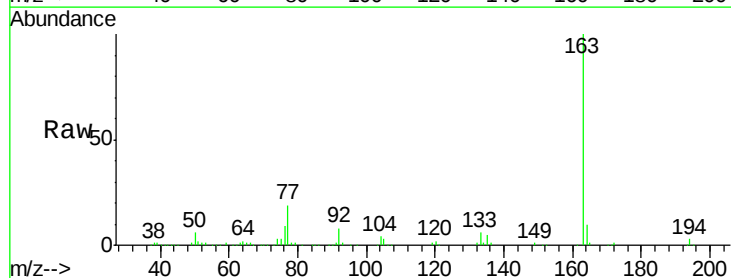
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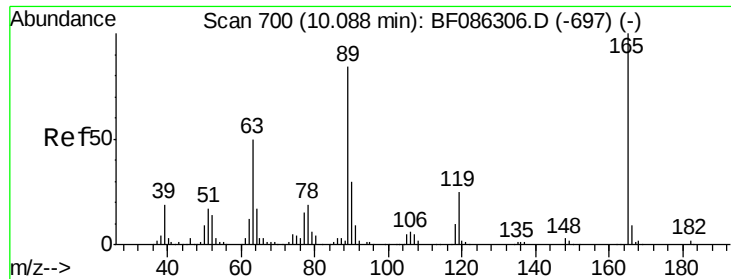
Tgt Ion:172 Resp: 1886901
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.8 19.8 29.8



#49
 Dimethylphthalate
 Concen: 10.80 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Tgt Ion:163 Resp: 245836
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.3 8.2 12.4

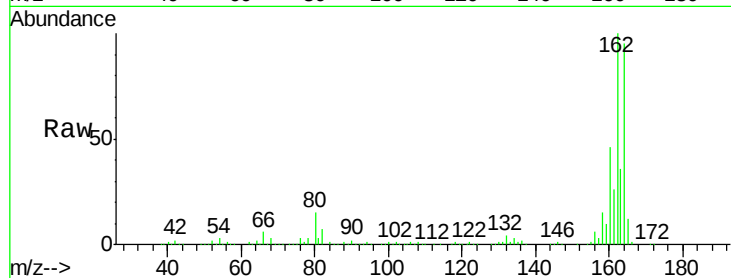




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.18 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#

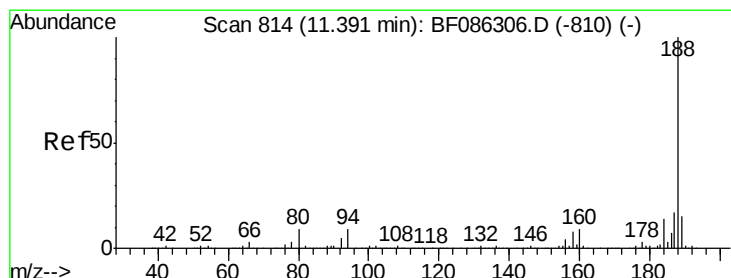
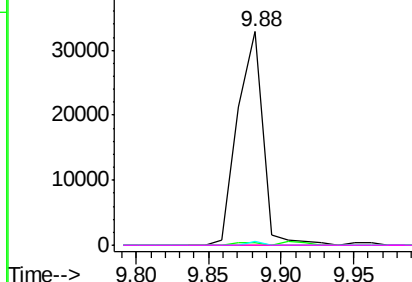
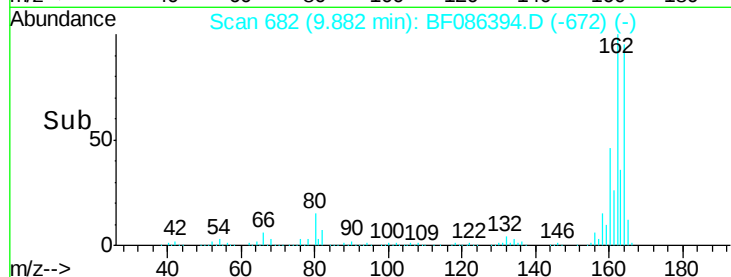


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

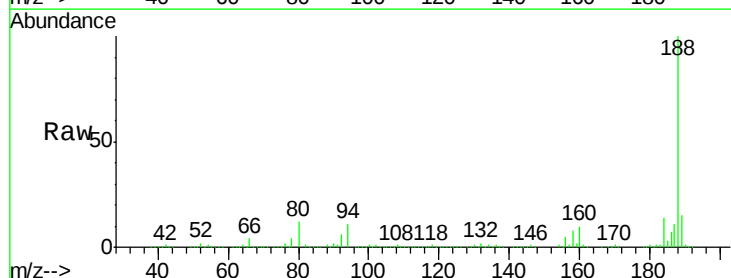
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

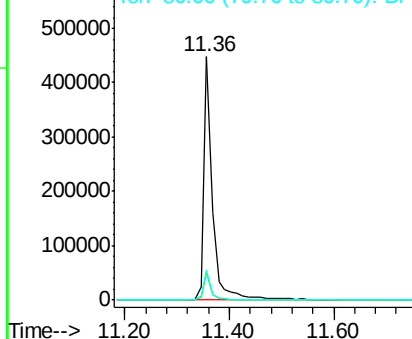
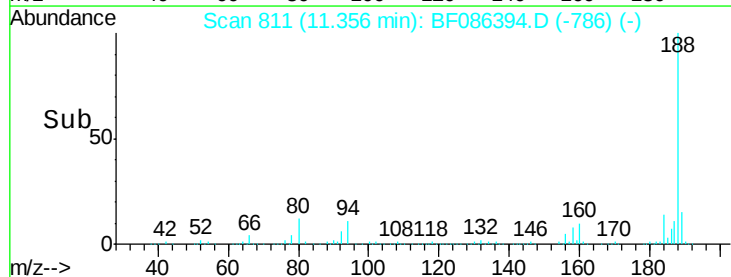
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.8	10.2#
80	12.1	7.1	10.7#

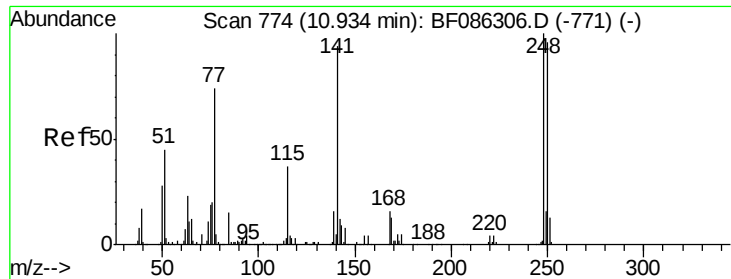


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

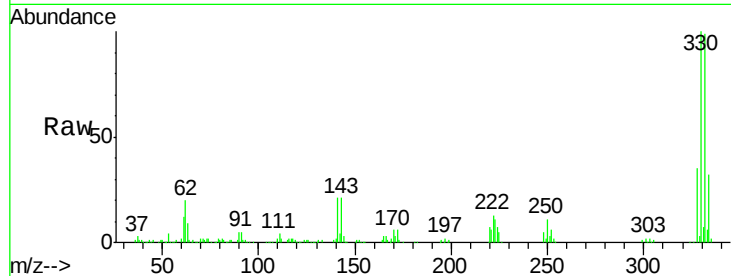




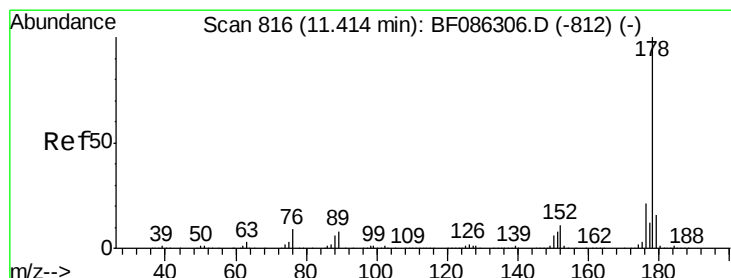
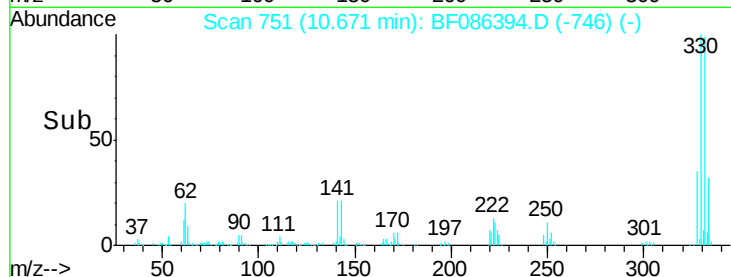
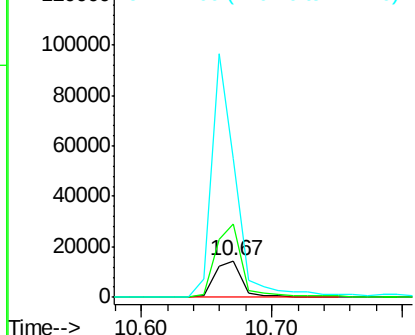
#66
 4-Bromophenyl-phenylether
 Concen: 4.04 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

Tgt Ion:248 Resp: 20748
 Ion Ratio Lower Upper
 248 100
 250 200.2 78.6 117.8#
 141 382.6 76.0 114.0#

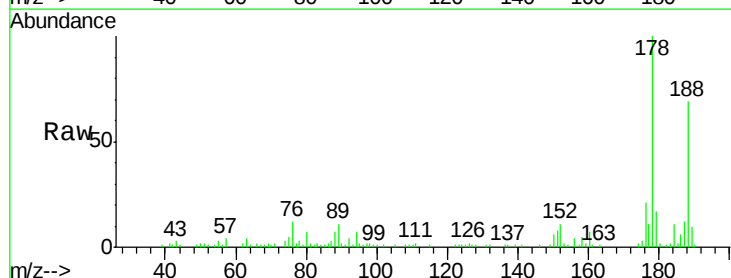


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

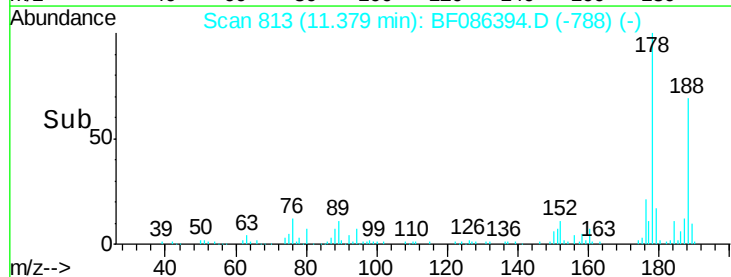
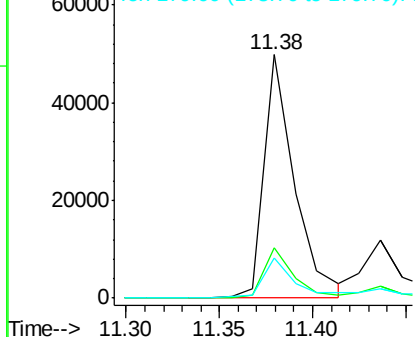


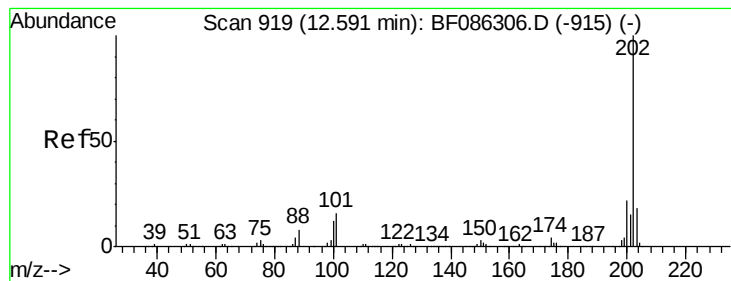
#70
 Phenanthrene
 Concen: 2.14 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Tgt Ion:178 Resp: 56323
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.66 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

BNA_F

ClientSampleId :

WPG-B11(4-8)-C

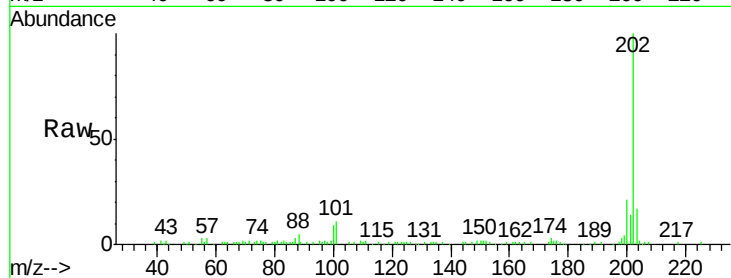
Tgt Ion:202 Resp: 75492

Ion Ratio Lower Upper

202 100

101 11.1 0.0 35.4

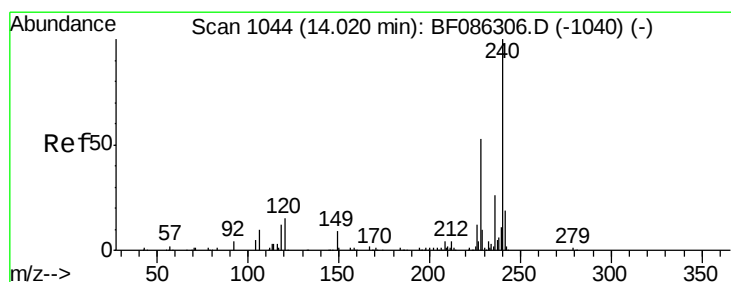
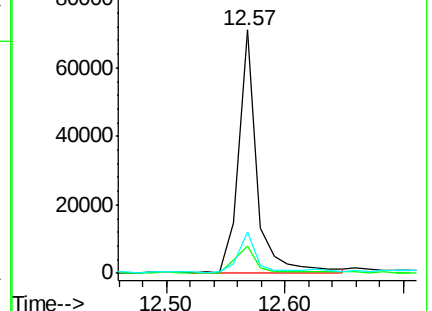
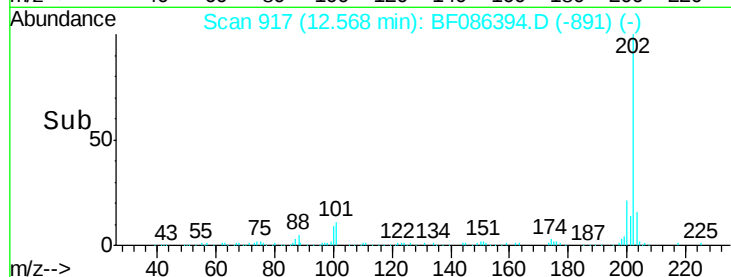
203 16.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

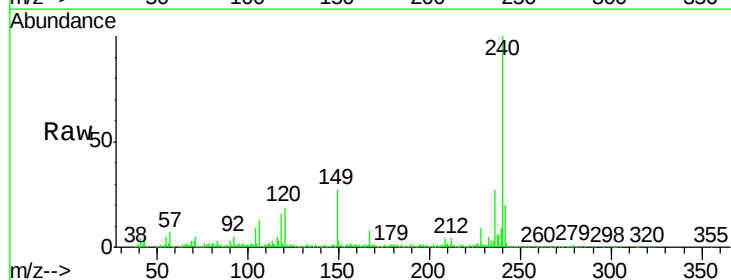
Tgt Ion:240 Resp: 382444

Ion Ratio Lower Upper

240 100

120 18.5 11.2 16.8#

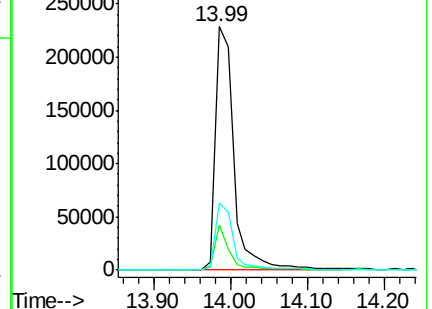
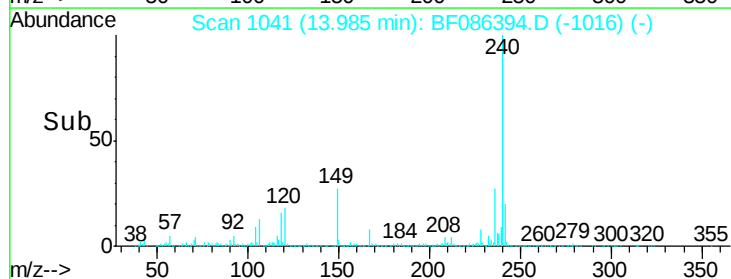
236 27.4 21.2 31.8

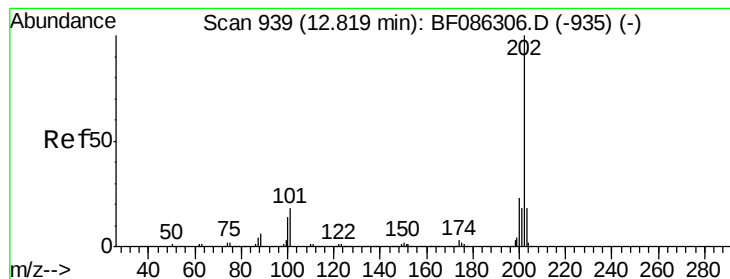


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.53 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

BNA_F

ClientSampleId :

WPG-B11(4-8)-C

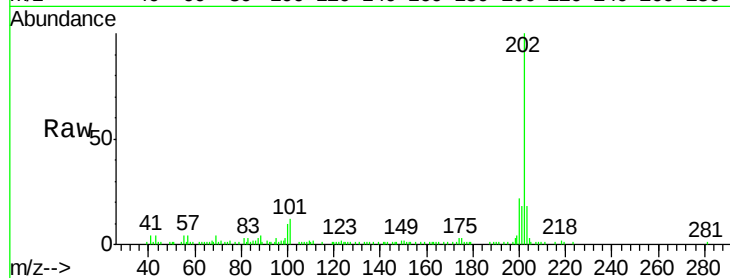
Tgt Ion:202 Resp: 67542

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

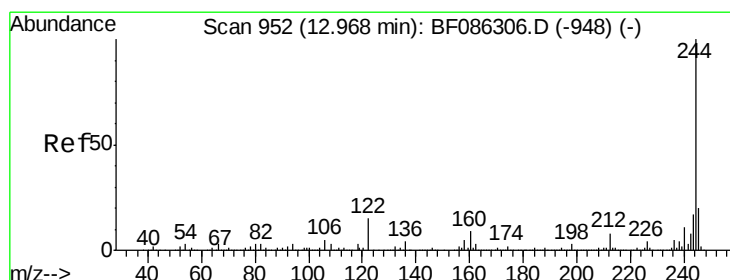
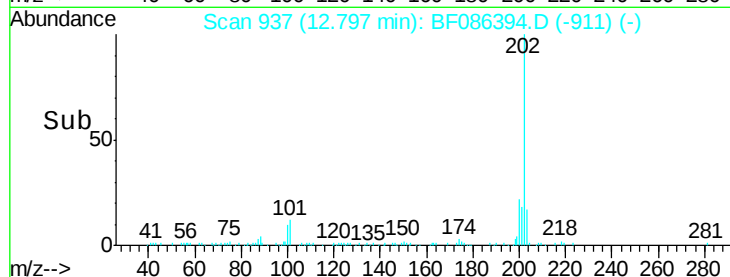
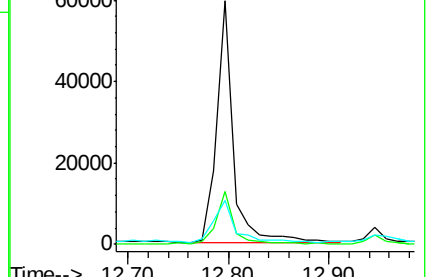
203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.27 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

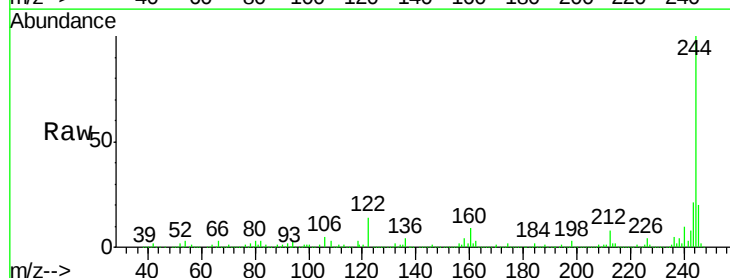
Tgt Ion:244 Resp: 1220202

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

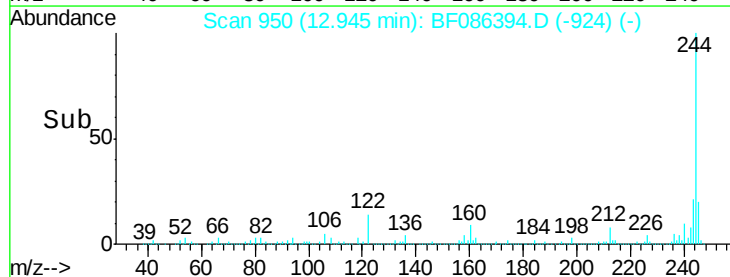
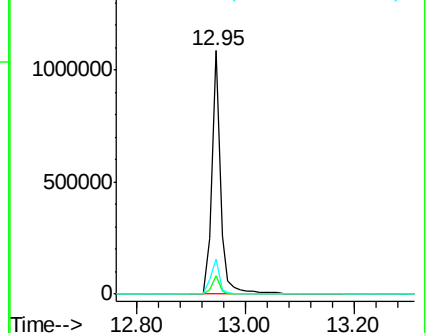
122 14.4 12.0 18.0

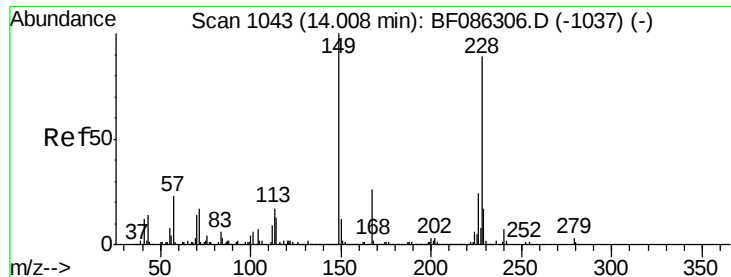


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

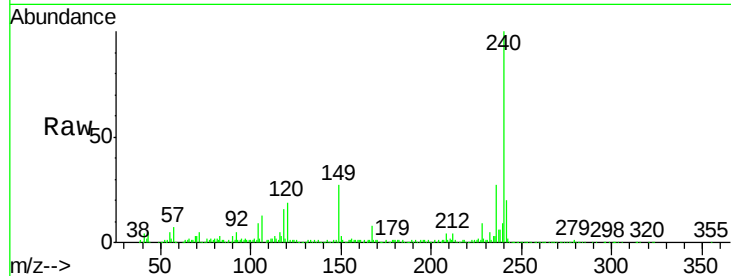




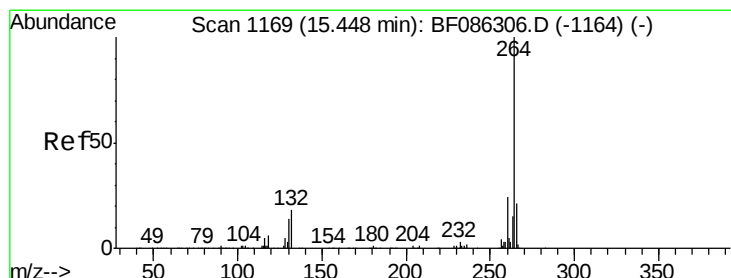
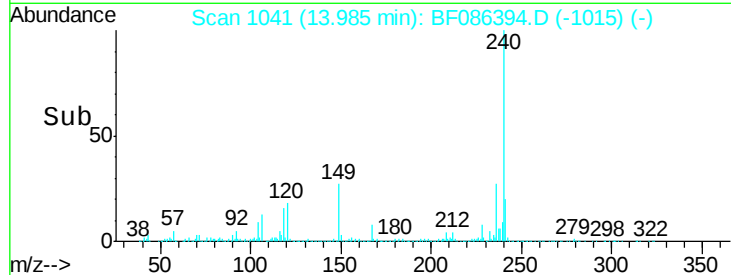
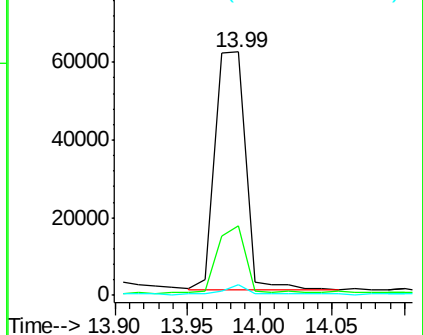
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.38 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

Tgt Ion:149 Resp: 88824
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.8 32.6
 279 4.6 2.6 4.0#

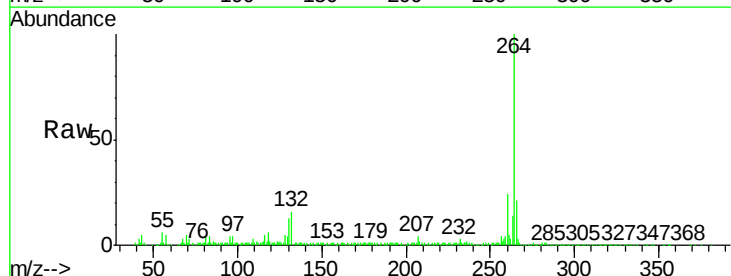


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

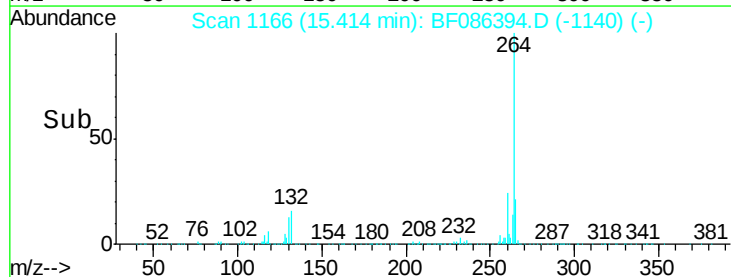
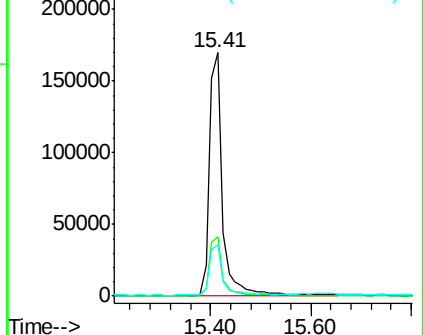


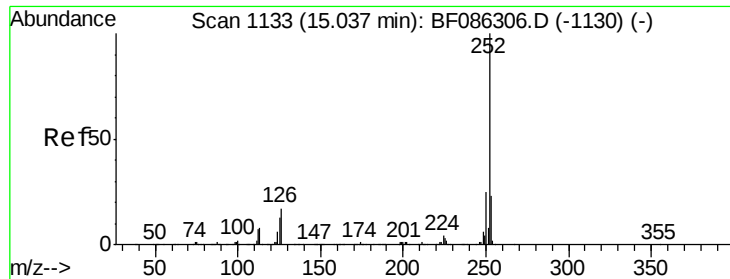
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Tgt Ion:264 Resp: 303015
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.3 17.3 25.9



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





#87

Benzo(b)fluoranthene

Concen: 3.01 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

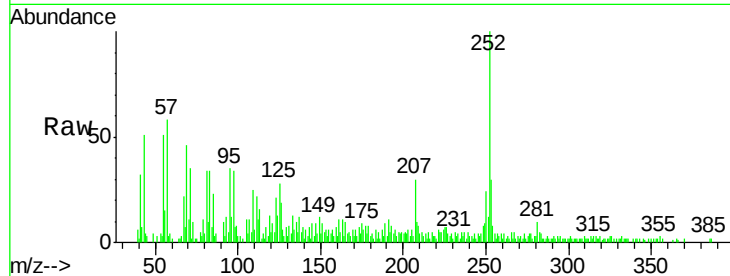
Instrument :

BNA_F

ClientSampleId :

WPG-B11(4-8)-C

Tgt Ion:	252	Resp:	50125
Ion Ratio	Lower	Upper	
252	100		
253	30.3	17.8	26.6#
125	28.5	11.4	17.0#

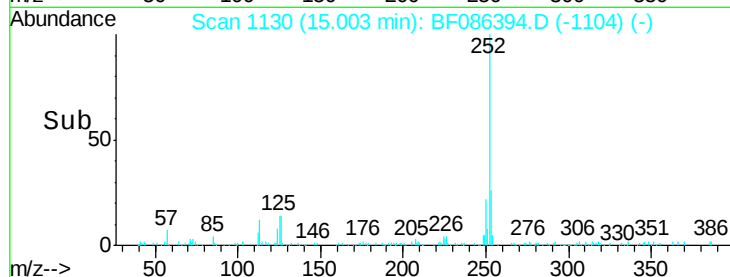


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



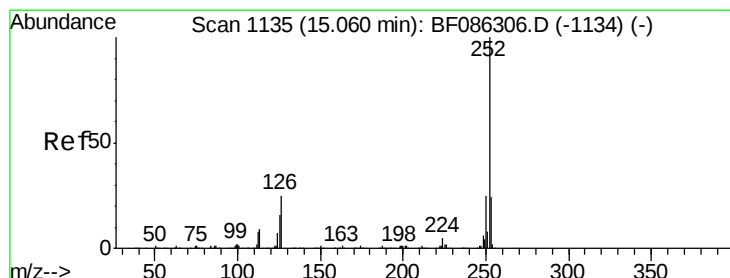
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#88

Benzo(k)fluoranthene

Concen: 3.07 ng

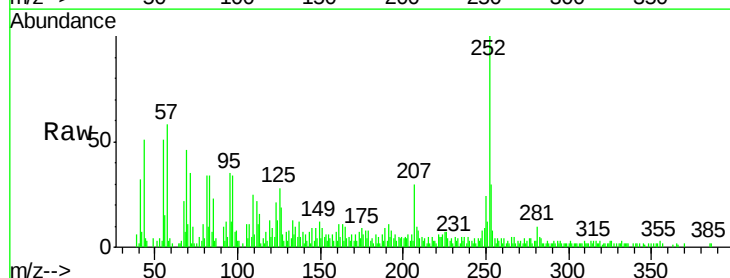
RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Tgt Ion:	252	Resp:	50125
Ion Ratio	Lower	Upper	
252	100		
253	30.3	17.8	26.6#
125	28.5	9.1	13.7#

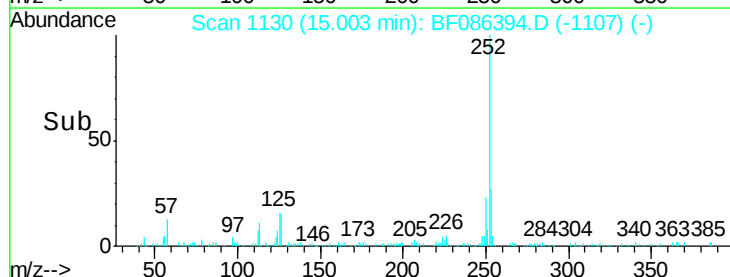


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->