

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085866.D
 Acq On : 29 Mar 2016 23:22
 Operator : UM/SJ
 Sample : H1970-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Mar 29 23:54:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

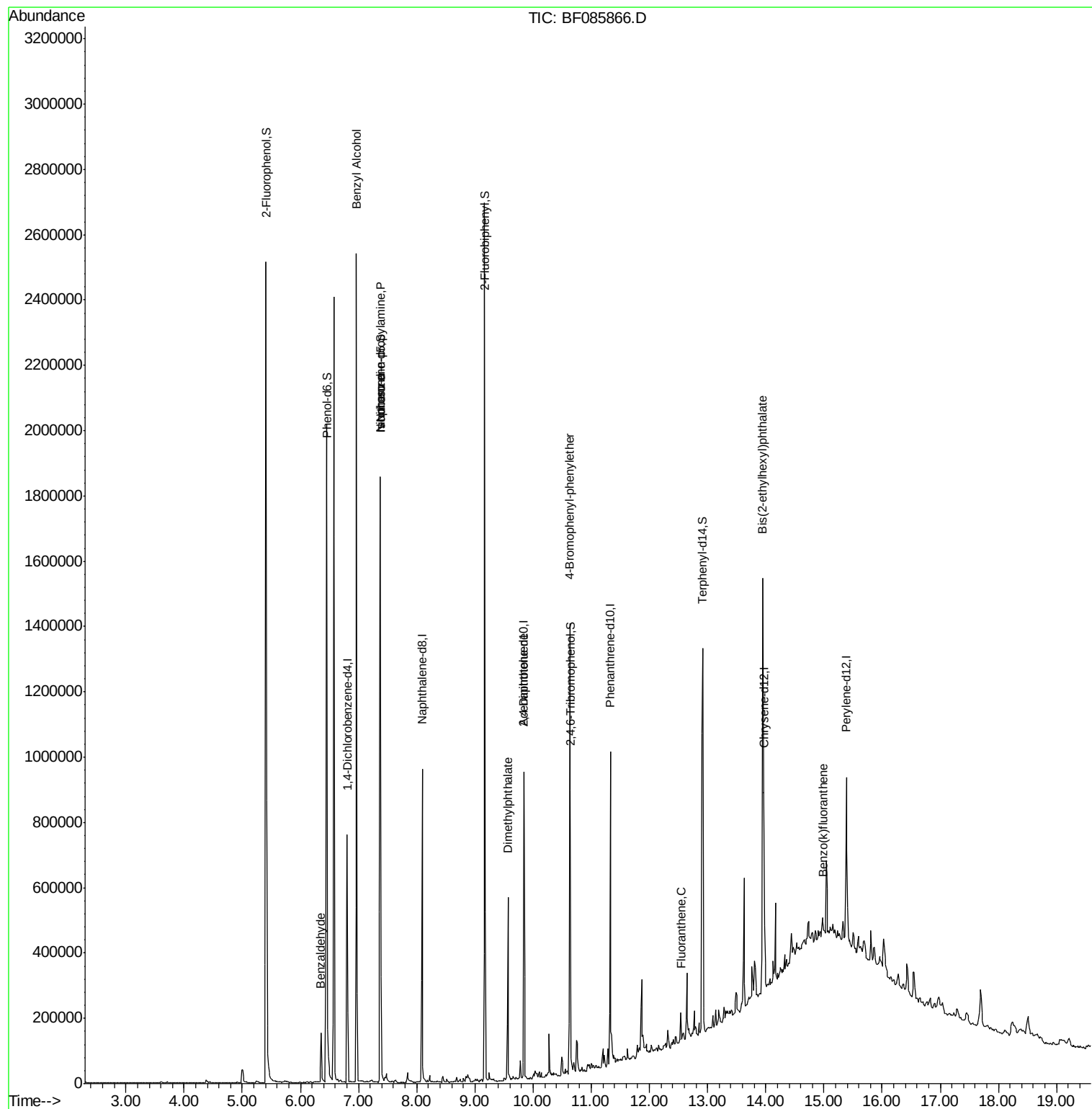
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114343	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	456707	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	187849	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	318887	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	244668	20.00	ng	-0.01
86) Perylene-d12	15.39	264	204458	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	880148	128.19	ng	0.00
7) Phenol-d6	6.46	99	1237168	141.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	674675	83.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	231501	129.71	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	843700	75.04	ng	-0.02
78) Terphenyl-d14	12.92	244	486644	40.91	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	38525	7.32	ng	Qvalue 94
15) Benzyl Alcohol	6.96	79	12478	2.14	ng	# 47
19) n-Nitroso-di-n-propylamine	7.37	70	90000	17.22	ng	# 78
25) Isophorone	7.37	82	541594	34.67	ng	# 68
37) 2-Methylnaphthalene	8.80	142	1920	Below	Cal	86
49) Dimethylphthalate	9.57	163	233794	16.40	ng	99
56) 2,4-Dinitrotoluene	9.84	165	23860	6.12	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	13979	4.28	ng	# 1
74) Fluoranthene	12.54	202	37989	2.18	ng	94
83) Bis(2-ethylhexyl)phthalate	13.95	149	411057	40.76	ng	99
88) Benzo(k)fluoranthene	14.99	252	23786	2.05	ng	# 62

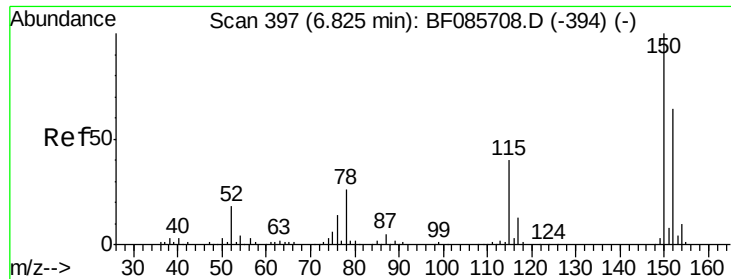
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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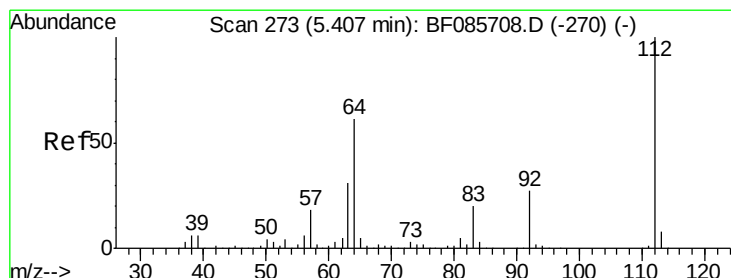
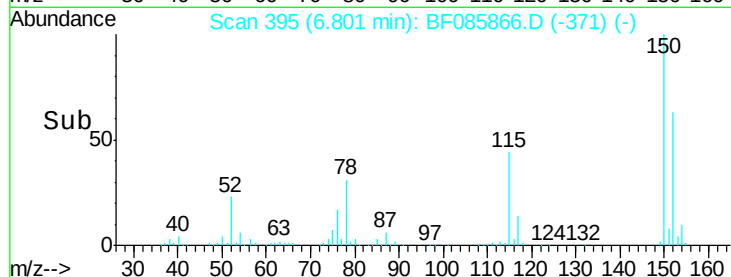
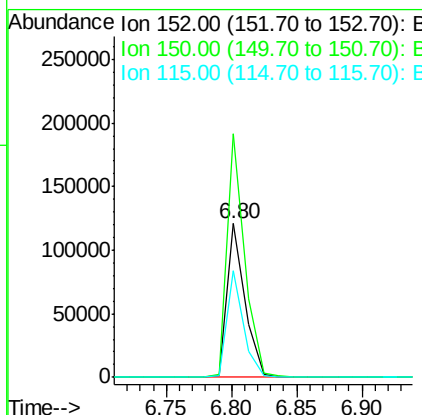
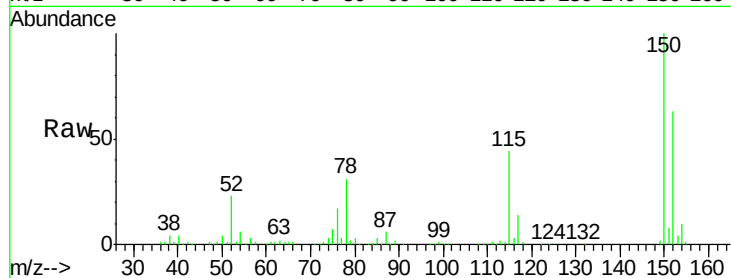




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 395
 Delta R.T. -0.02 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

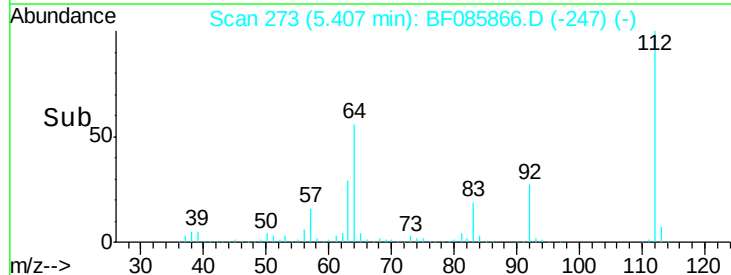
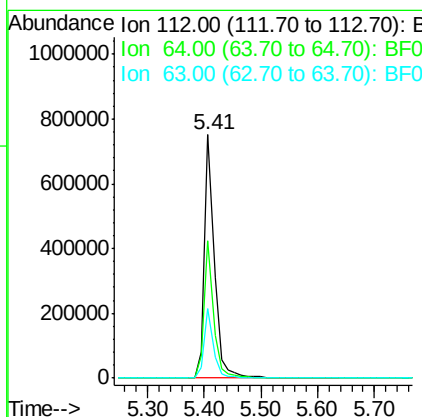
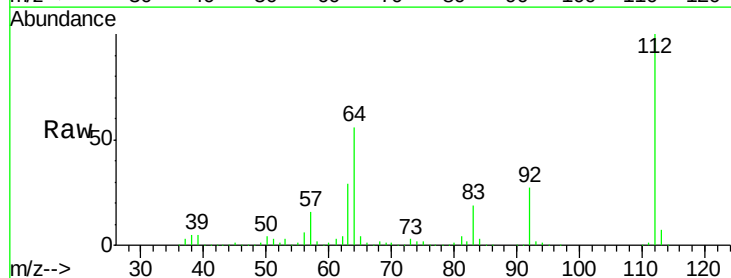
Instrument :
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 ClientSampleId :
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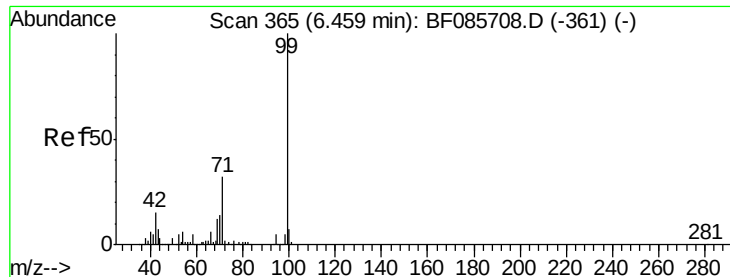
Tgt Ion:152 Resp: 114343
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.2 186.2
 115 69.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 128.19 ng
 RT: 5.41 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

Tgt Ion:112 Resp: 880148
 Ion Ratio Lower Upper
 112 100
 64 56.2 39.9 59.9
 63 28.8 20.2 30.2





#7

Phenol-d6

Concen: 141.73 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

Instrument :

BNA_F

ClientSampleId :

TP-9

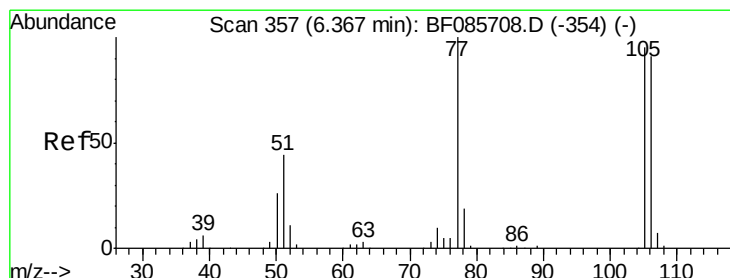
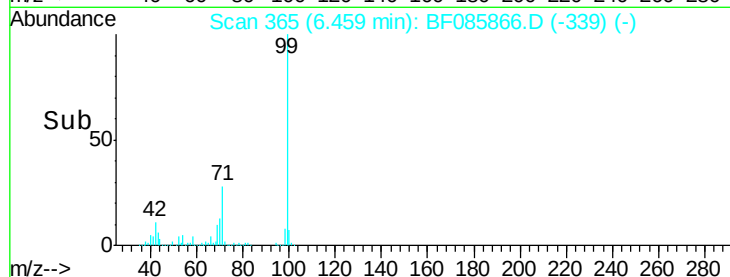
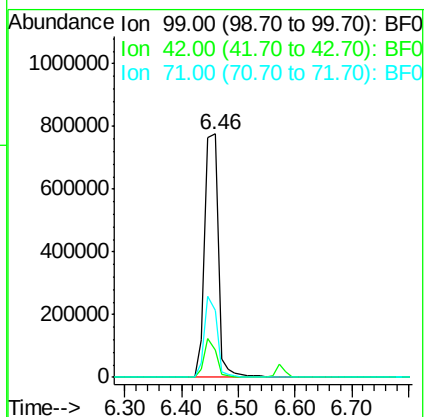
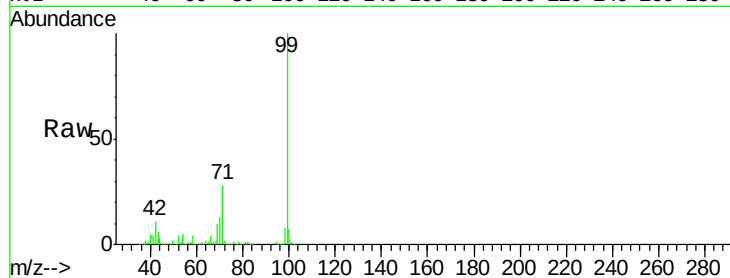
Tgt Ion: 99 Resp: 1237168

Ion Ratio Lower Upper

99 100

42 11.4 11.1 16.7

71 27.7 24.9 37.3



#9

Benzaldehyde

Concen: 7.32 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

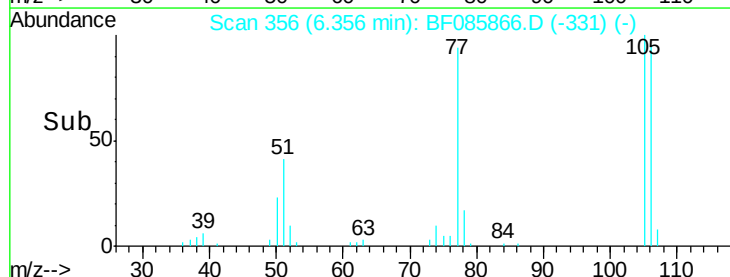
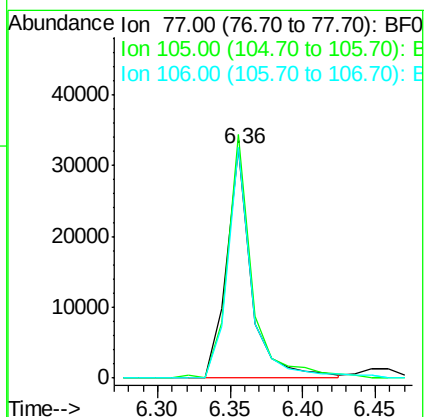
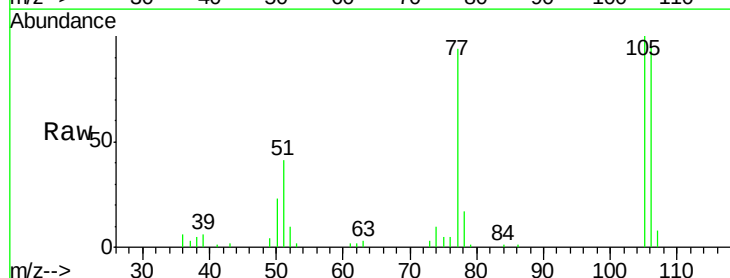
Tgt Ion: 77 Resp: 38525

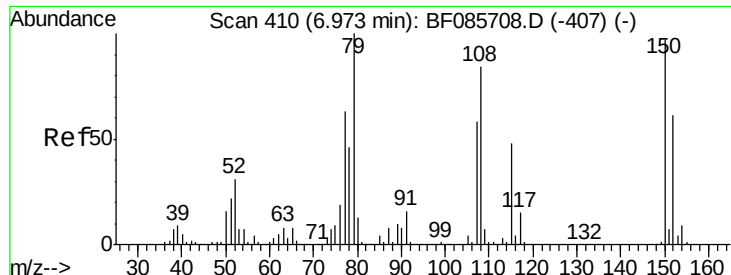
Ion Ratio Lower Upper

77 100

105 106.2 80.1 120.1

106 100.9 75.0 115.0

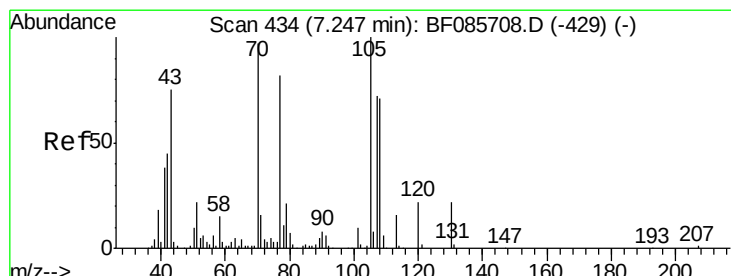
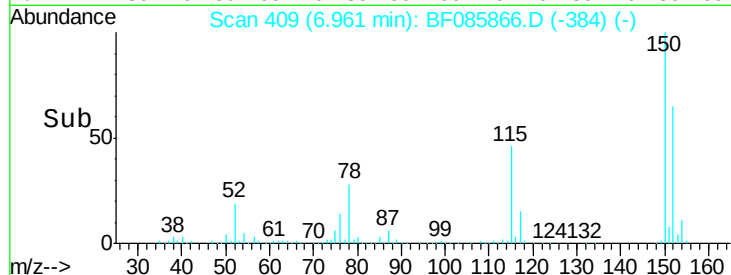
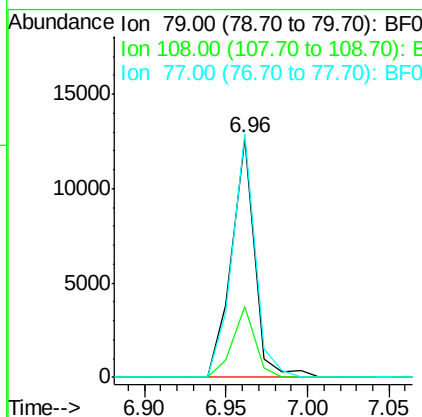
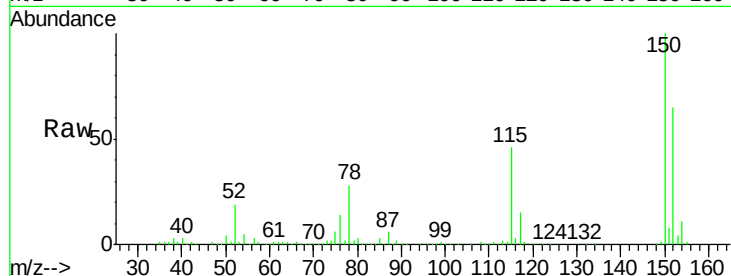




#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

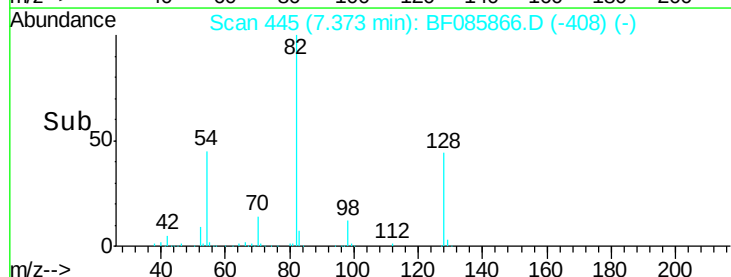
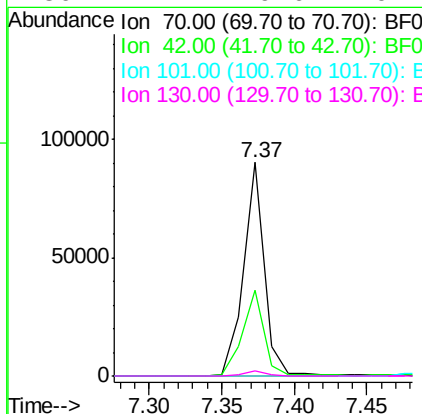
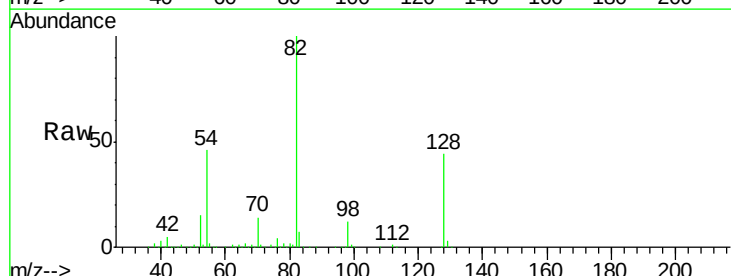
Instrument :
BNA_F
ClientSampleId :
TP-9

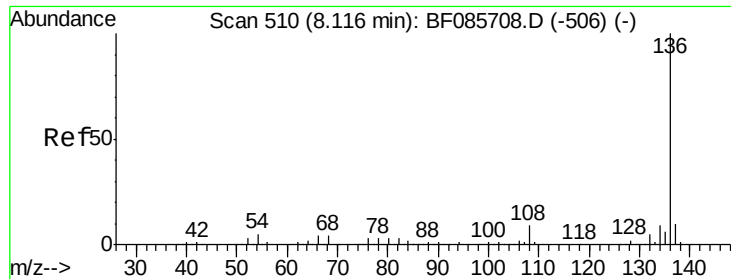
Tgt Ion: 79 Resp: 12478
Ion Ratio Lower Upper
79 100
108 29.8 61.8 92.6#
77 101.9 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.22 ng
RT: 7.37 min Scan# 445
Delta R.T. 0.13 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Tgt Ion: 70 Resp: 90000
Ion Ratio Lower Upper
70 100
42 40.5 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#

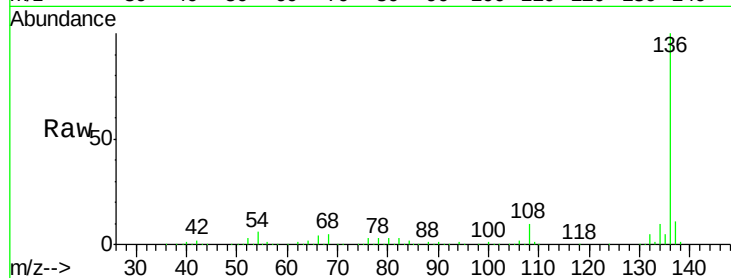




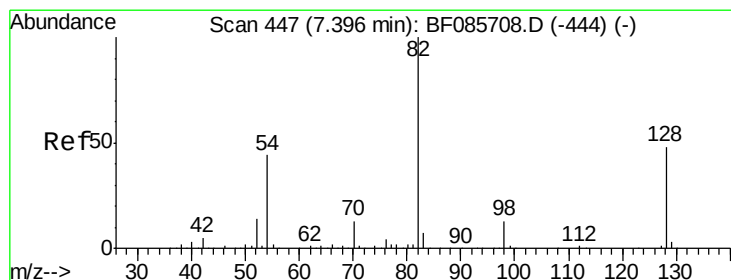
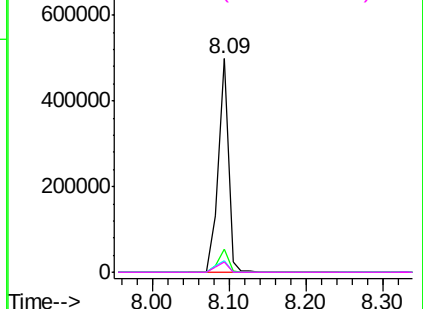
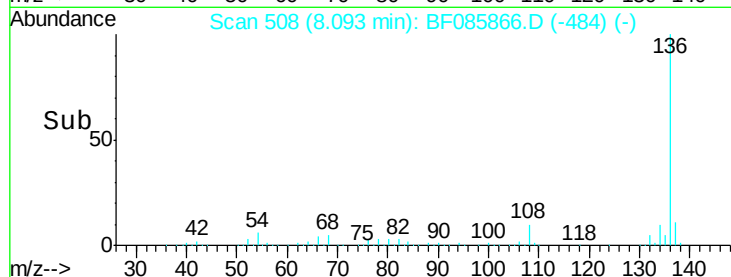
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 136 Resp: 456707
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 5.7 7.4 11.0#
68 5.1 5.8 8.8#

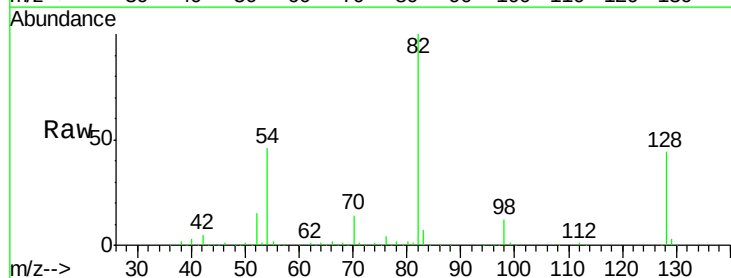


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

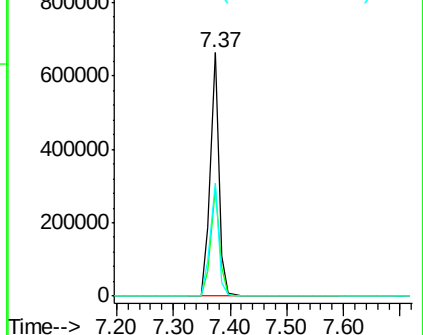
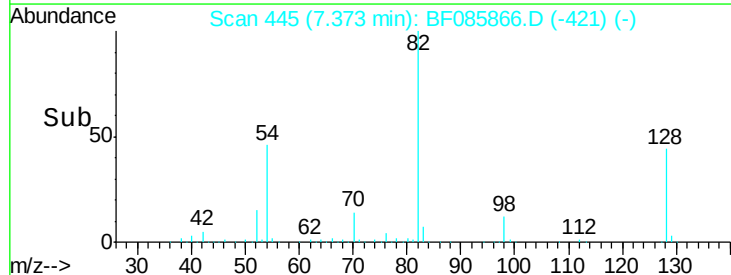


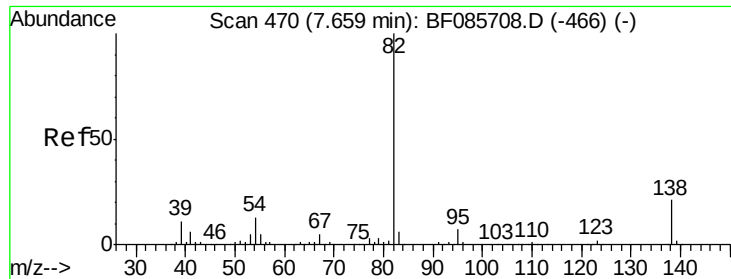
#23
Nitrobenzene-d5
Concen: 83.19 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Tgt Ion: 82 Resp: 674675
Ion Ratio Lower Upper
82 100
128 44.2 41.8 62.8
54 46.4 33.4 50.0



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





#25

Isophorone

Concen: 34.67 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.29 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

Instrument :

BNA_F

ClientSampleId :

TP-9

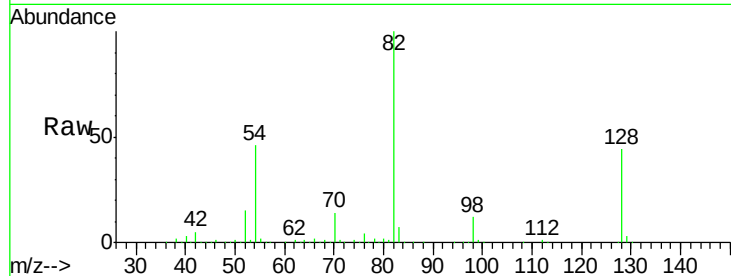
Tgt Ion: 82 Resp: 541594

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

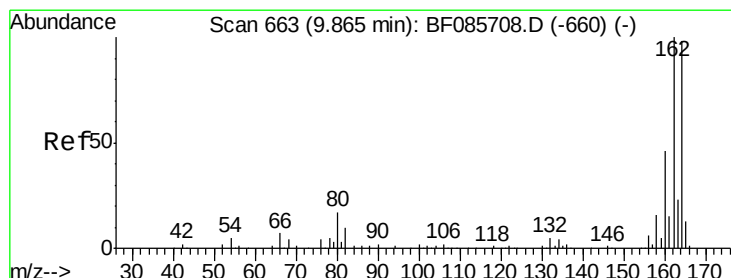
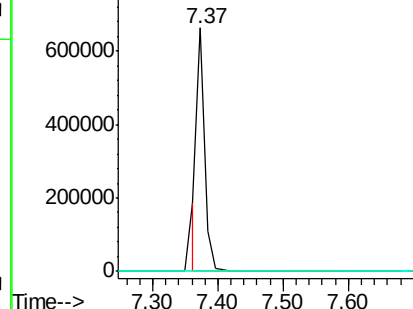
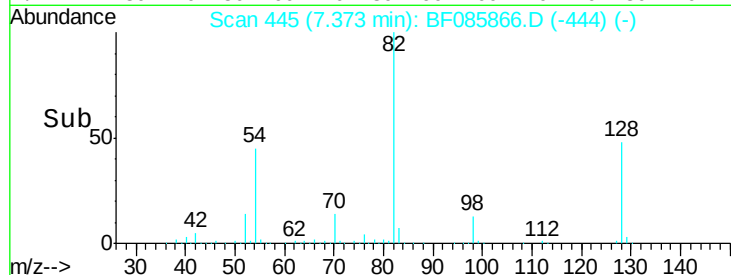
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

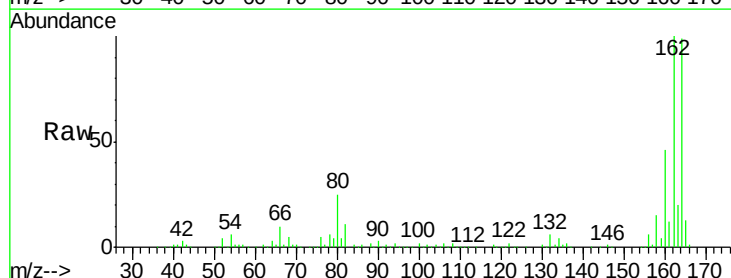
Tgt Ion: 164 Resp: 187849

Ion Ratio Lower Upper

164 100

162 101.3 82.1 123.1

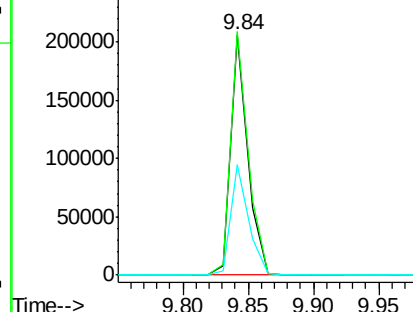
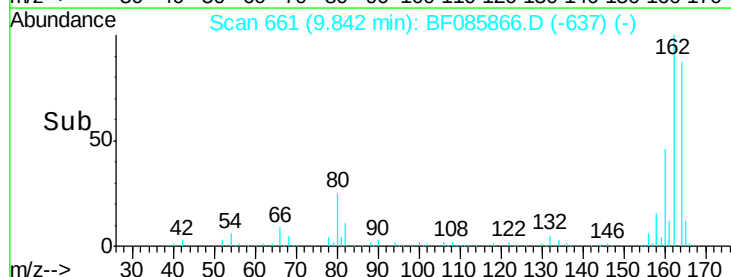
160 46.2 37.4 56.2

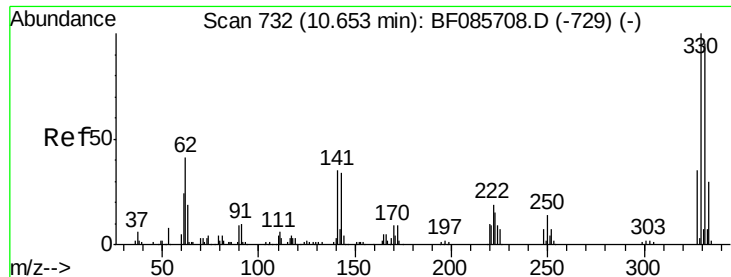


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

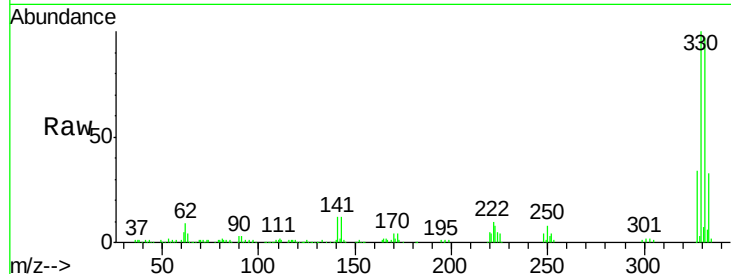




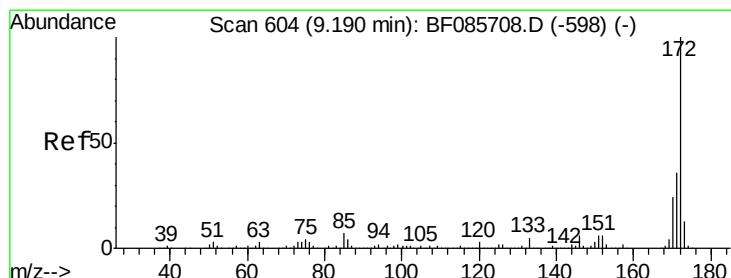
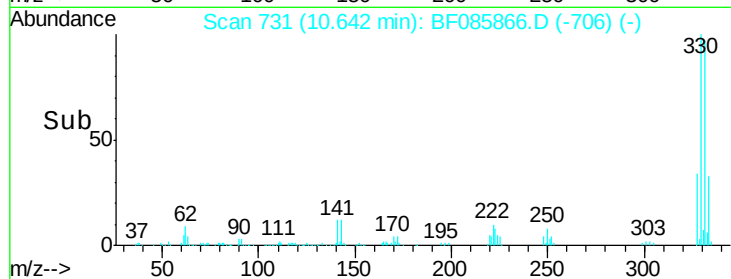
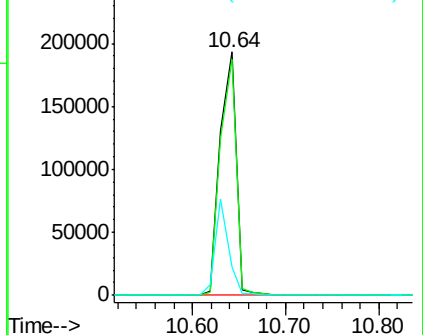
#41
 2,4,6-Tribromophenol
 Concen: 129.71 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

Instrument :
 BNA_F
 ClientSampled :
 TP-9

Tgt Ion:330 Resp: 231501
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.2 117.2
 141 33.5 31.5 47.3

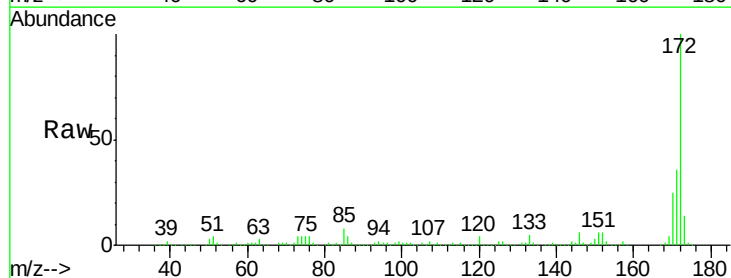


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

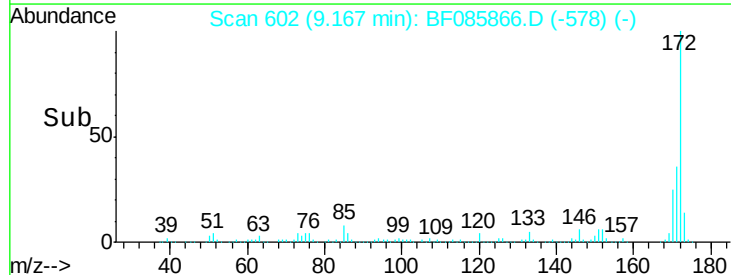
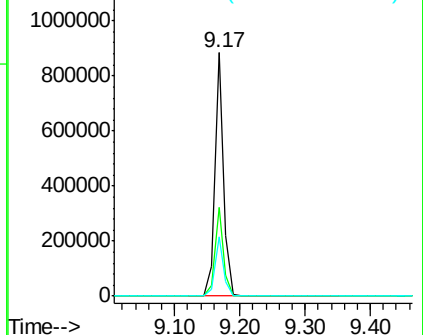


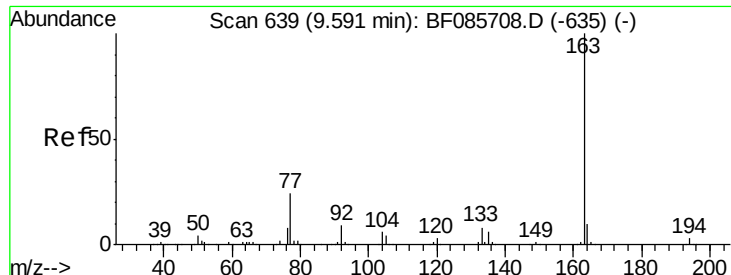
#44
 2-Fluorobiphenyl
 Concen: 75.04 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

Tgt Ion:172 Resp: 843700
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.6 19.8 29.6



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

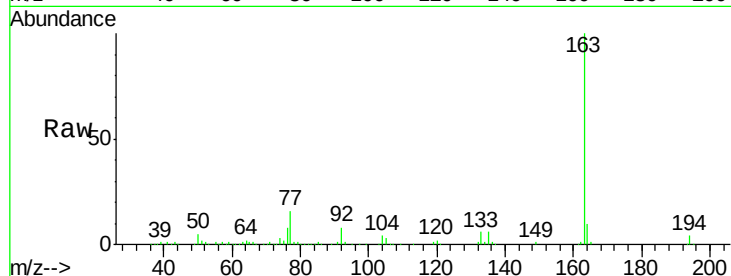




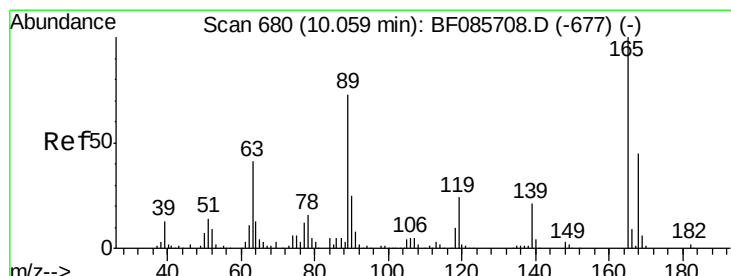
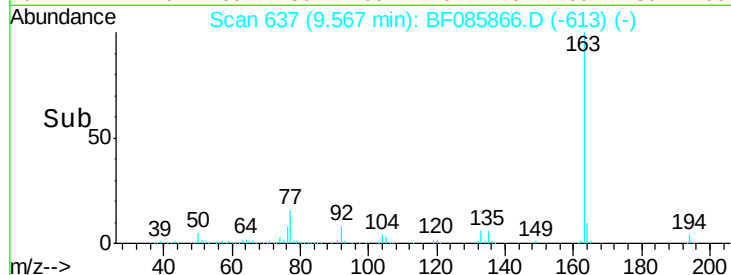
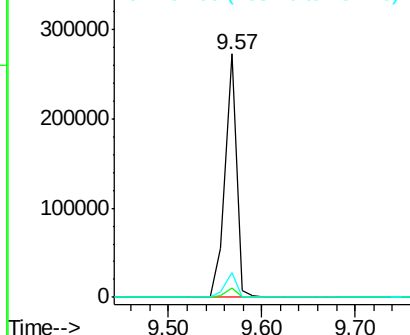
#49
Dimethylphthalate
Concen: 16.40 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 233794
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.9 8.3 12.5

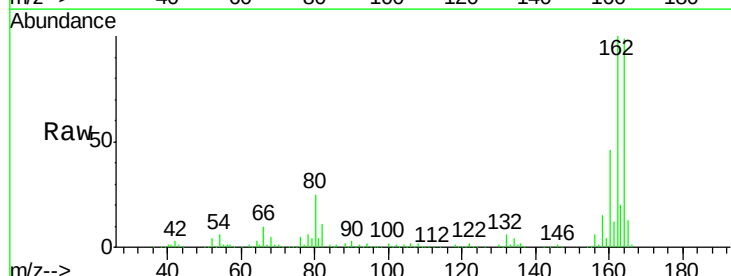


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

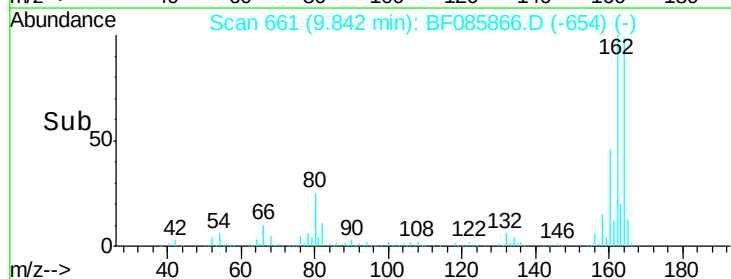
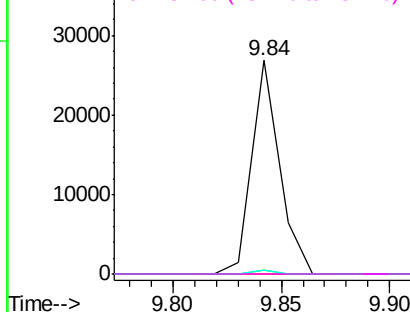


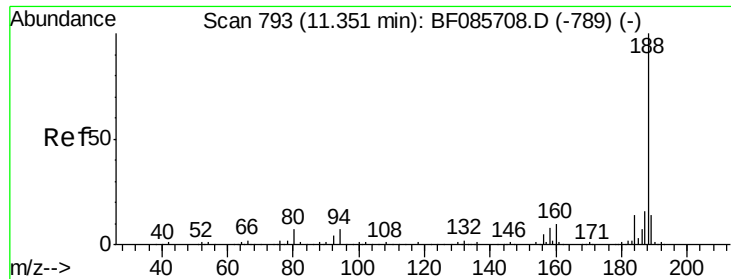
#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.22 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Tgt Ion:165 Resp: 23860
Ion Ratio Lower Upper
165 100
63 1.7 24.9 37.3#
89 1.7 41.0 61.6#
182 0.0 2.1 3.1#



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: 11.33 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

Instrument :

BNA_F

ClientSampleId :

TP-9

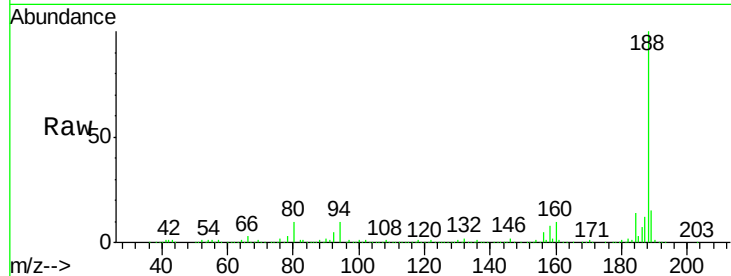
Tgt Ion:188 Resp: 318887

Ion Ratio Lower Upper

188 100

94 9.5 5.4 8.0#

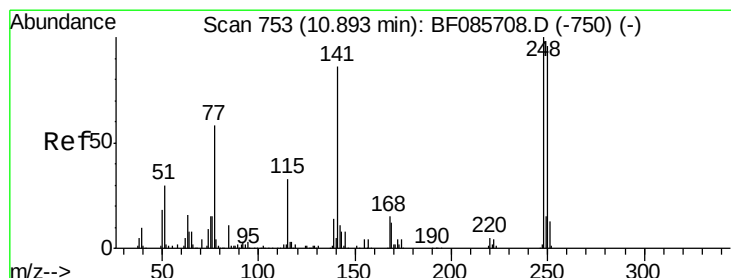
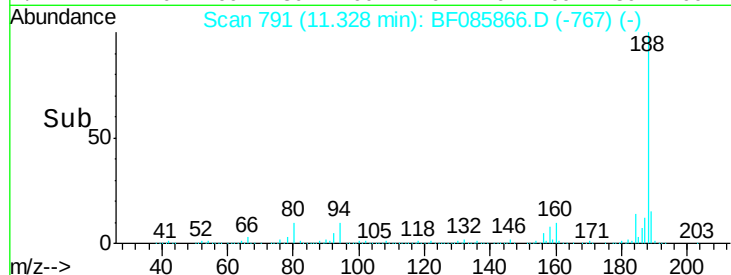
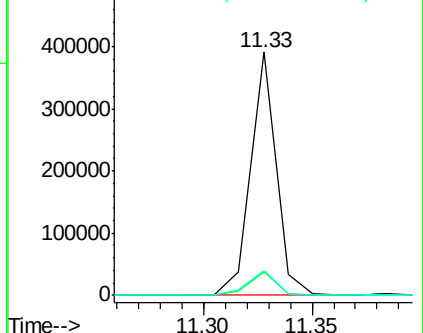
80 9.9 5.5 8.3#



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: 4.28 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.26 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

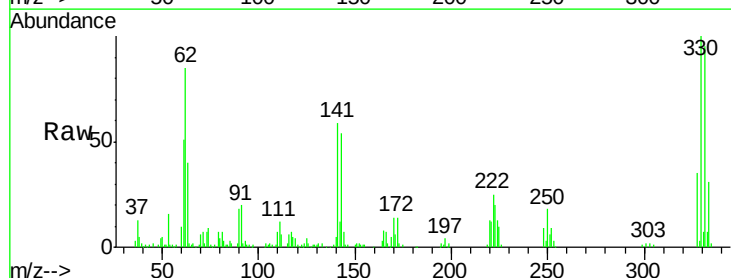
Tgt Ion:248 Resp: 13979

Ion Ratio Lower Upper

248 100

250 205.8 77.4 116.0#

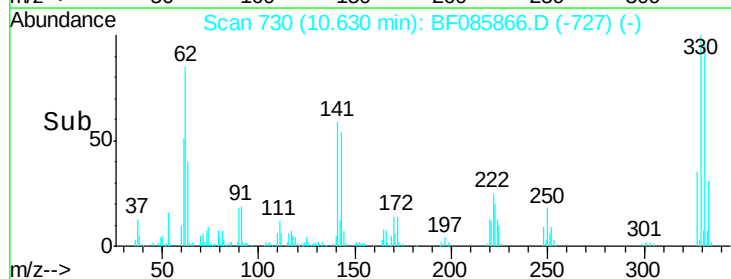
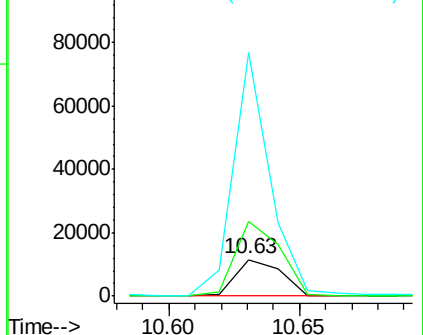
141 671.5 63.6 95.4#

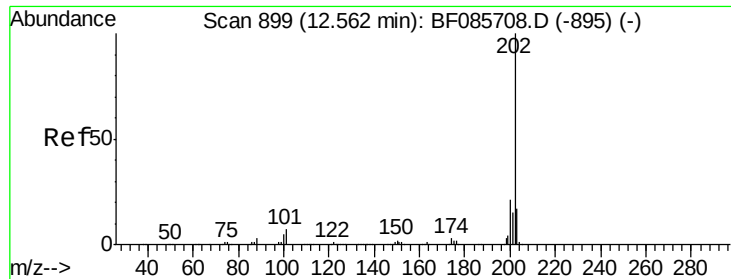


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

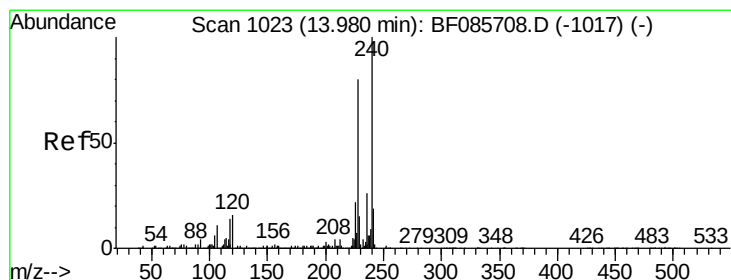
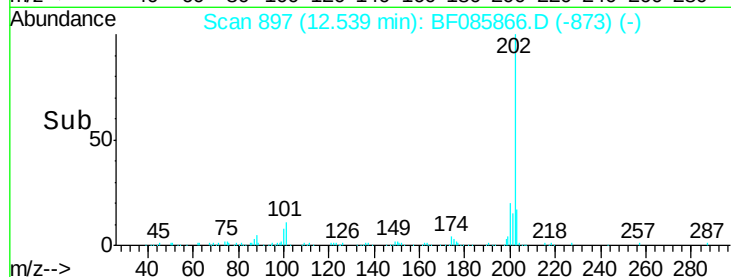
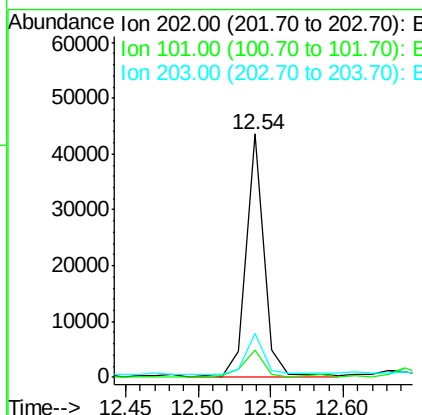
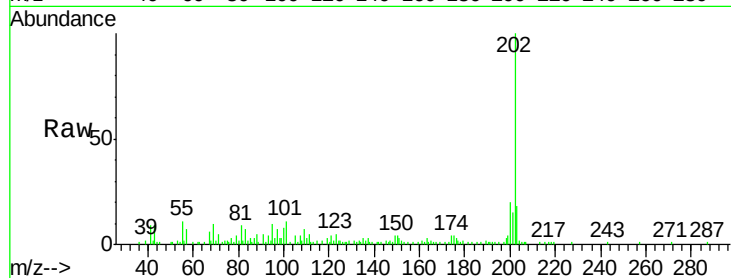




#74
 Fluoranthene
 Concen: 2.18 ng
 RT: 12.54 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

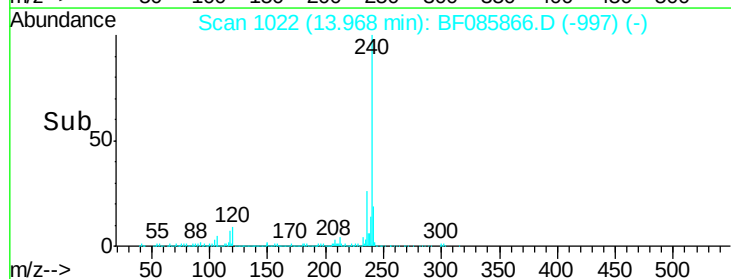
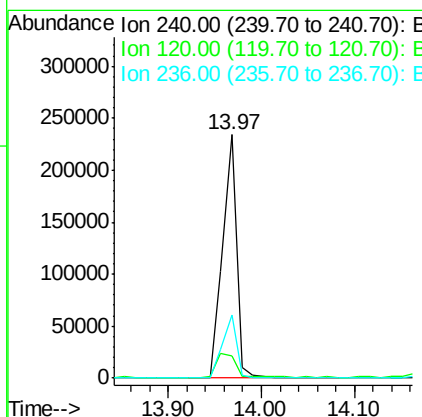
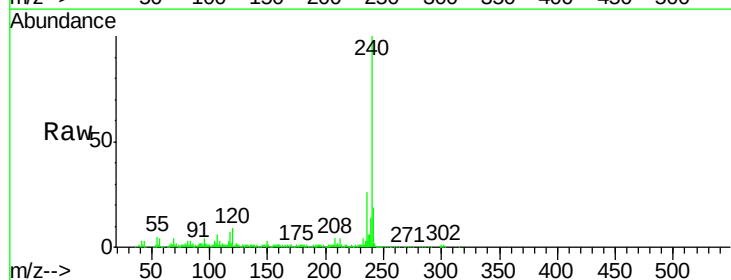
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

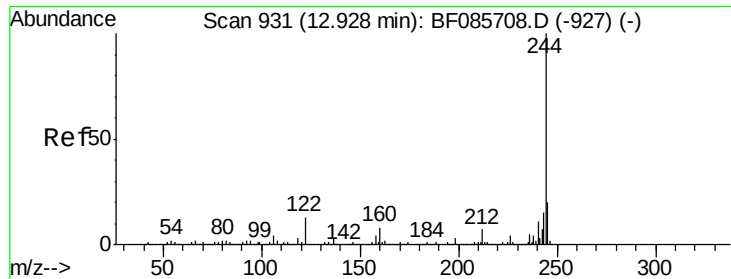
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	36.6
203	18.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	13.8	20.8#
236	25.9	20.6	30.8





#78

Terphenyl-d14

Concen: 40.91 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

Instrument :

BNA_F

ClientSampleId :

TP-9

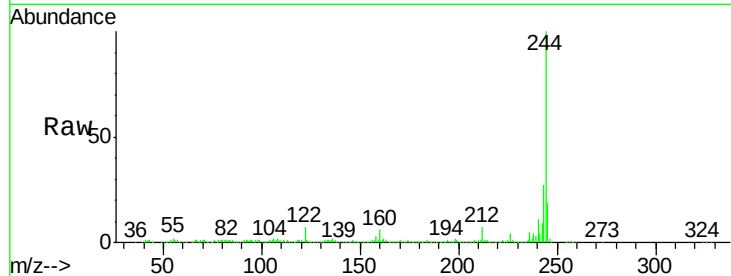
Tgt Ion:244 Resp: 486644

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

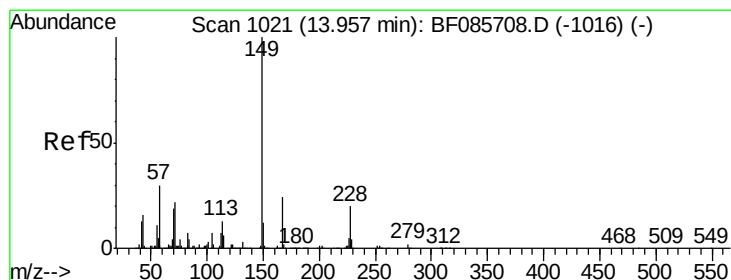
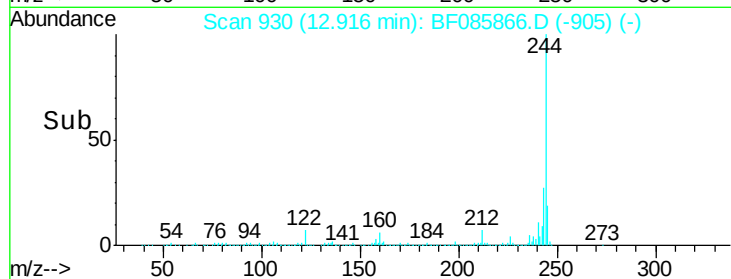
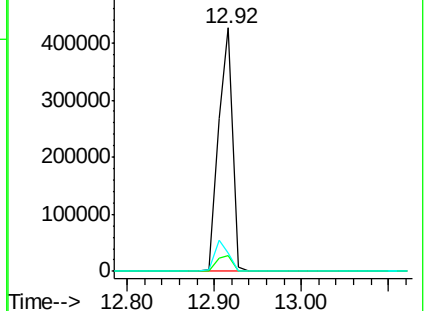
122 7.3 10.2 15.4#



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: 40.76 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

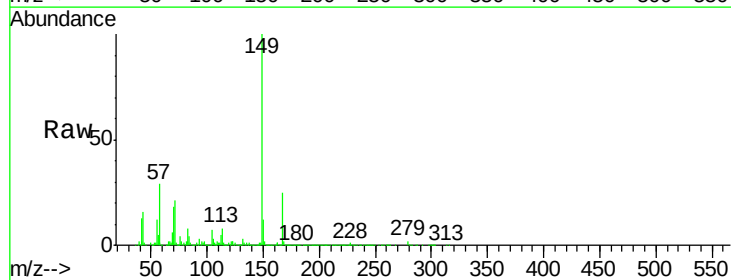
Tgt Ion:149 Resp: 411057

Ion Ratio Lower Upper

149 100

167 25.0 19.4 29.2

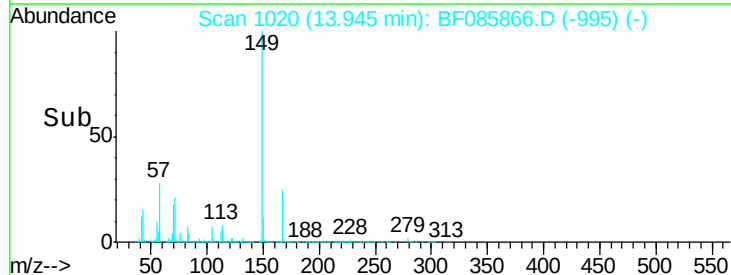
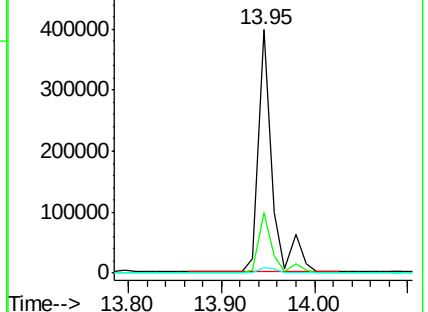
279 2.2 1.5 2.3

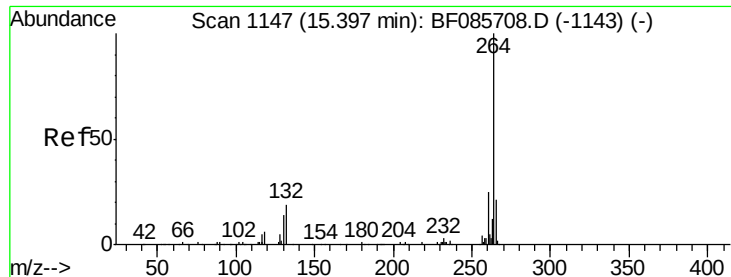


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

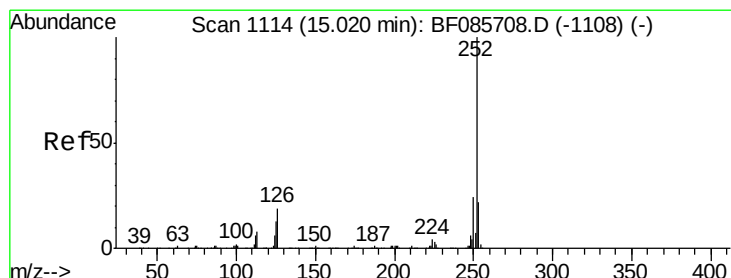
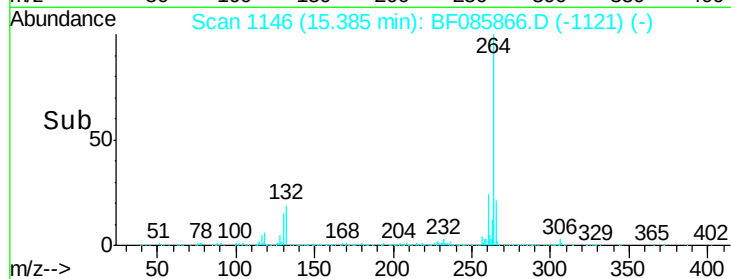
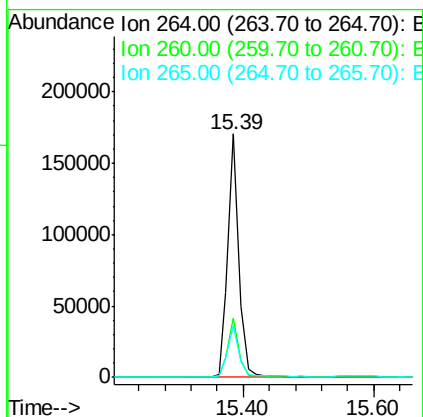
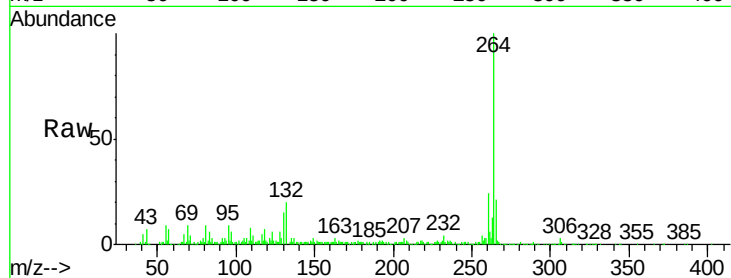




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:264 Resp: 204458
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.4 17.2 25.8



#88
Benzo(k)fluoranthene
Concen: 2.05 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Tgt Ion:252 Resp: 23786
Ion Ratio Lower Upper
252 100
253 28.5 17.8 26.6#
125 44.9 7.7 11.5#

