

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085726.D
 Acq On : 24 Mar 2016 21:08
 Operator : UM/SJ
 Sample : H1864-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 24 23:54:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

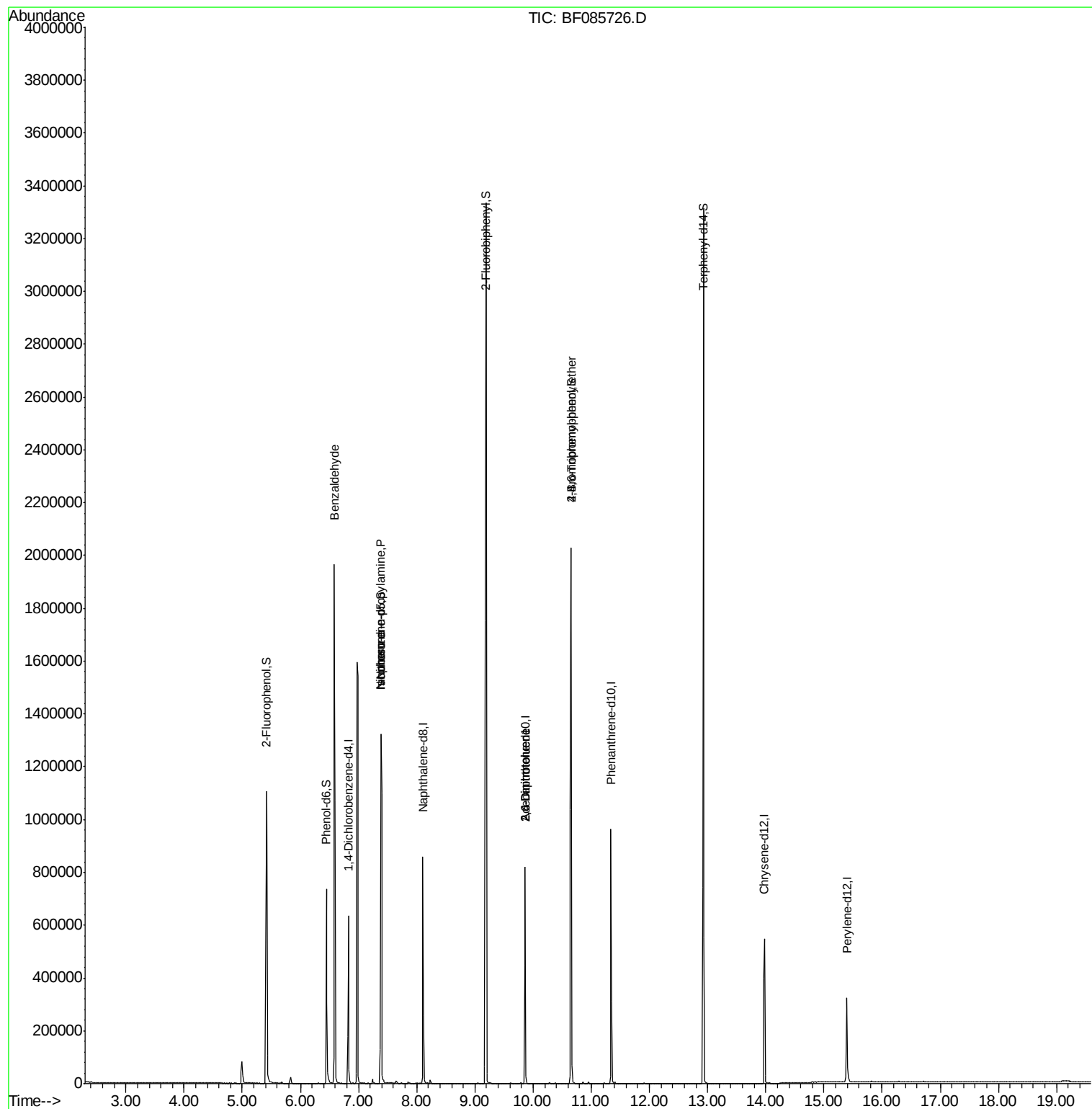
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	101256	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	401393	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	190581	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	359346	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	253395	20.00	ng	0.00
86) Perylene-d12	15.40	264	178857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	404610	66.55	ng	0.01
7) Phenol-d6	6.45	99	302287	39.10	ng	-0.01
23) Nitrobenzene-d5	7.38	82	645517	90.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	296046	163.50	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1217271	106.71	ng	0.00
78) Terphenyl-d14	12.93	244	1072942	87.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	14593	3.13	ng	# 75
19) n-Nitroso-di-n-propylamine	7.38	70	82150	17.75	ng	# 80
25) Isophorone	7.38	82	609374	44.38	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	23757	7.63	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	23757	6.01	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	19592	5.33	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: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085726.D

Acq: 24 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

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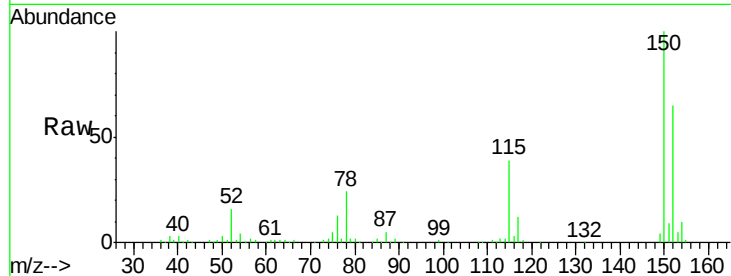
Tgt Ion:152 Resp: 101256

Ion Ratio Lower Upper

152 100

150 153.6 124.2 186.2

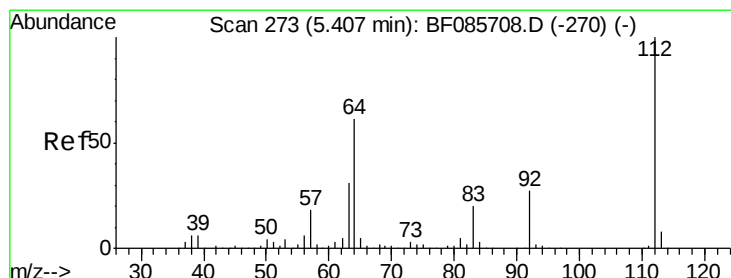
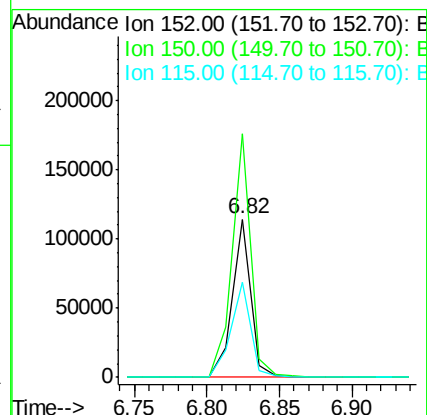
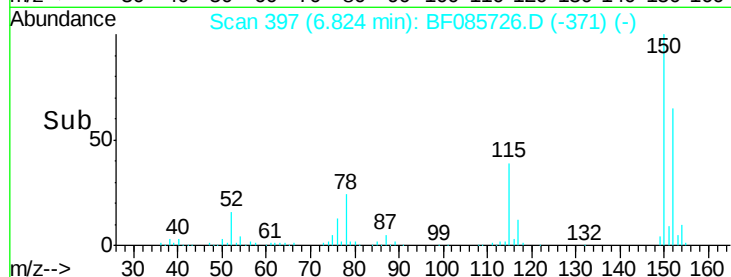
115 59.8 47.0 70.6



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: 66.55 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085726.D

Acq: 24 Mar 2016 21:08

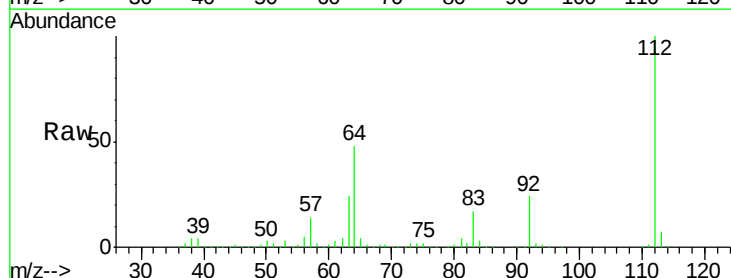
Tgt Ion:112 Resp: 404610

Ion Ratio Lower Upper

112 100

64 47.8 39.9 59.9

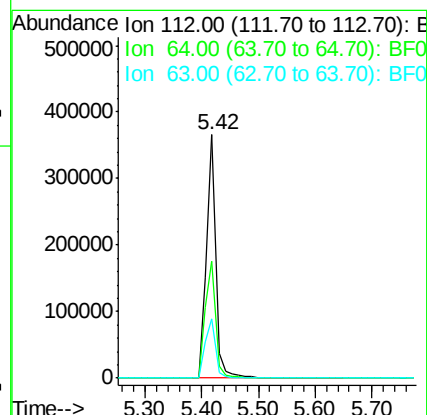
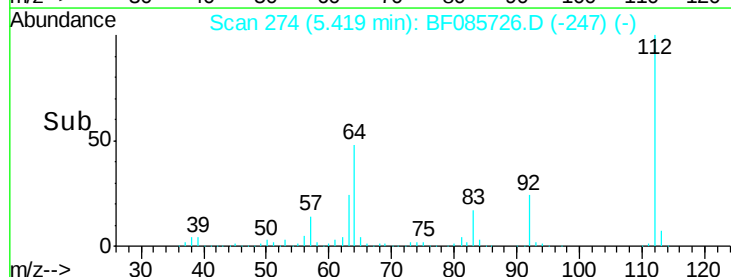
63 24.3 20.2 30.2



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: 39.10 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085726.D

Acq: 24 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

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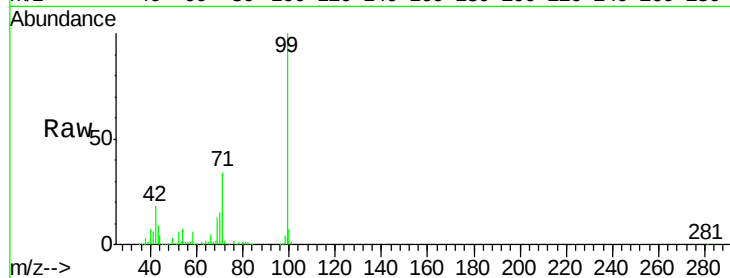
Tgt Ion: 99 Resp: 302287

Ion Ratio Lower Upper

99 100

42 17.7 11.1 16.7#

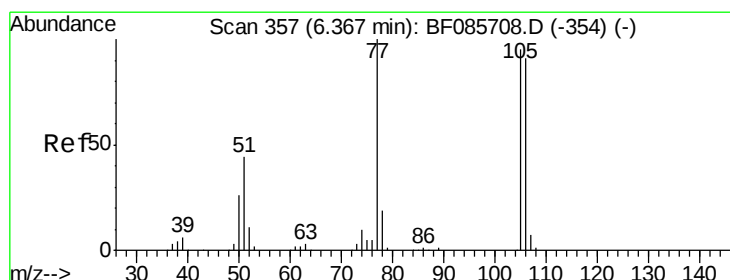
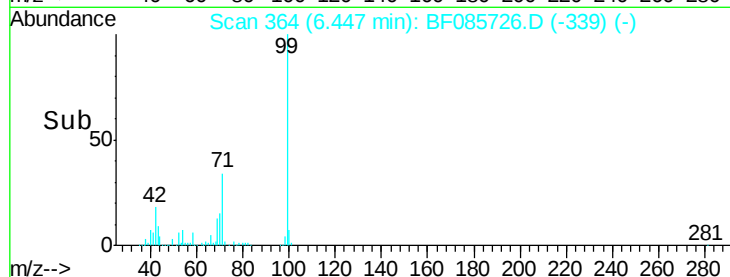
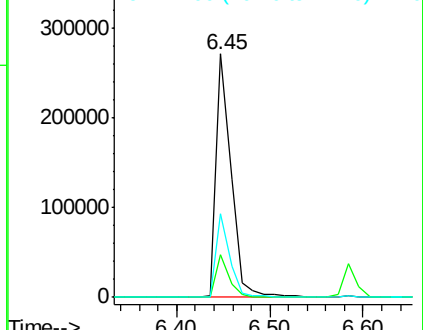
71 34.2 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.13 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085726.D

Acq: 24 Mar 2016 21:08

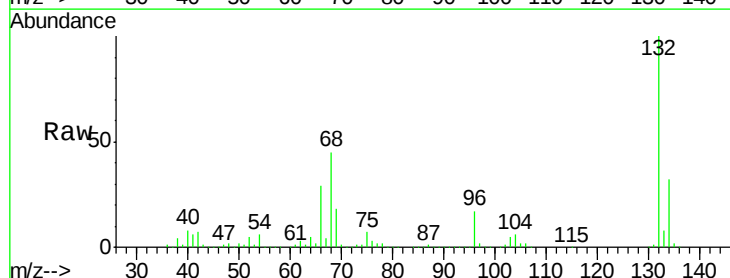
Tgt Ion: 77 Resp: 14593

Ion Ratio Lower Upper

77 100

105 76.4 80.1 120.1#

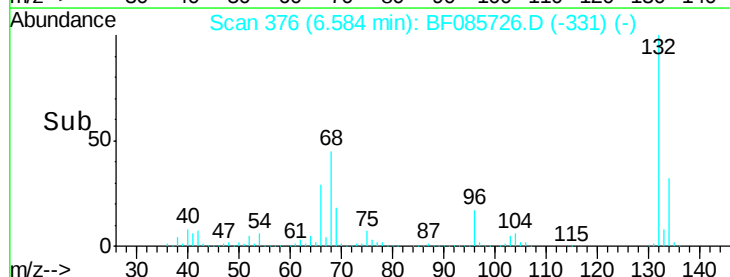
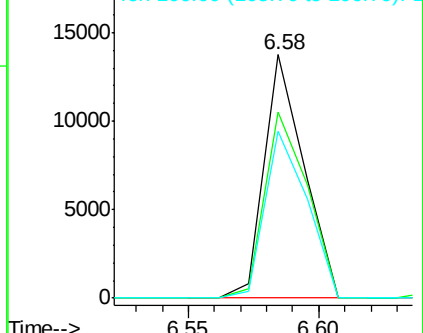
106 68.7 75.0 115.0#

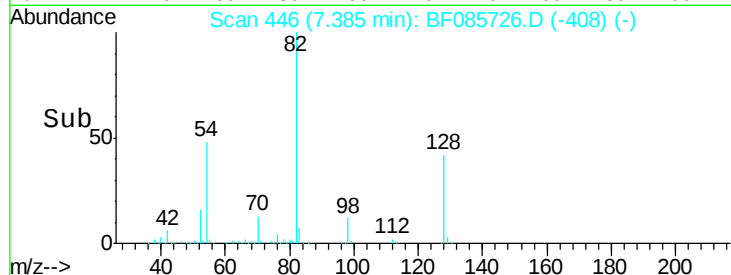
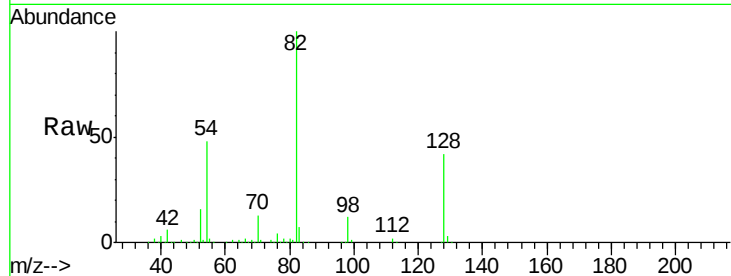
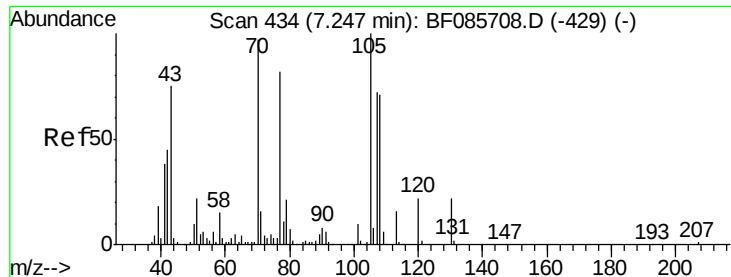


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

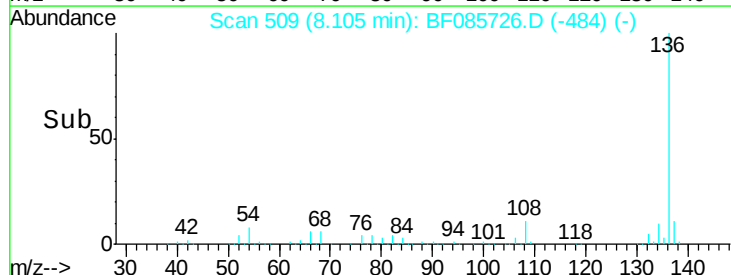
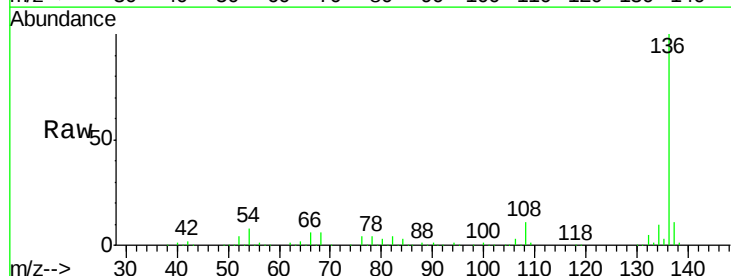
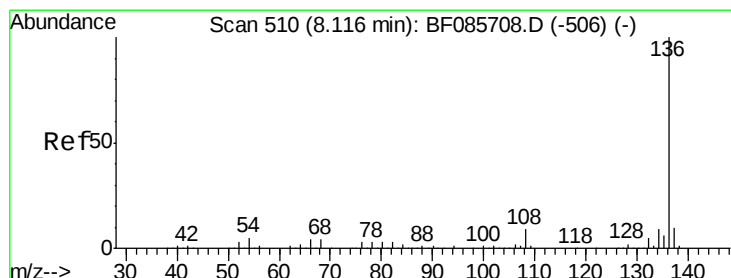
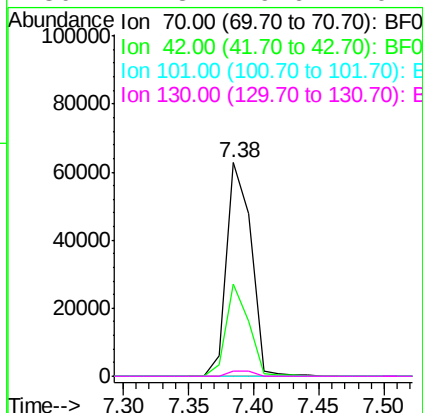




#19
n-Nitroso-di-n-propylamine
Concen: 17.75 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085726.D
Acq: 24 Mar 2016 21:08

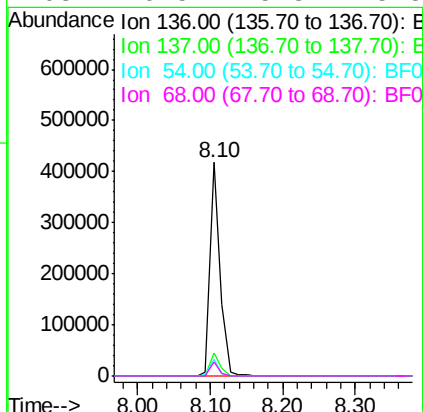
Instrument :
BNA_F
ClientSampleId :
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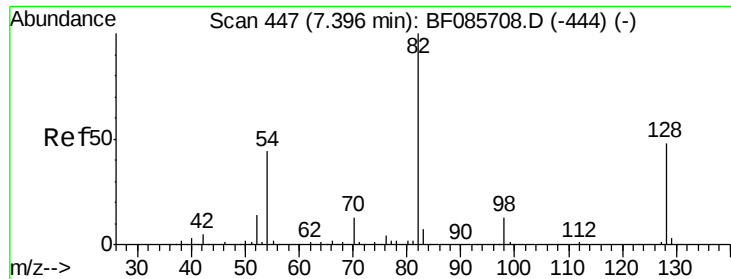
Tgt Ion: 70 Resp: 82150
Ion Ratio Lower Upper
70 100
42 42.9 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085726.D
Acq: 24 Mar 2016 21:08

Tgt Ion: 136 Resp: 401393
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.1 7.4 11.0
68 6.5 5.8 8.8

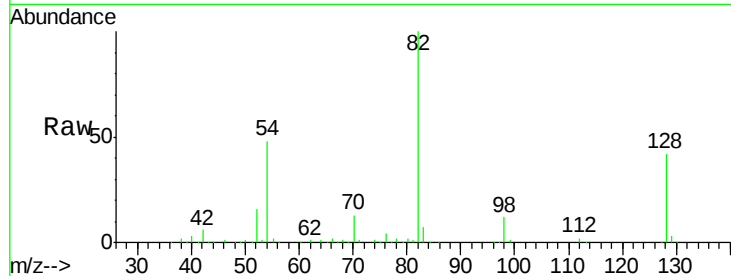




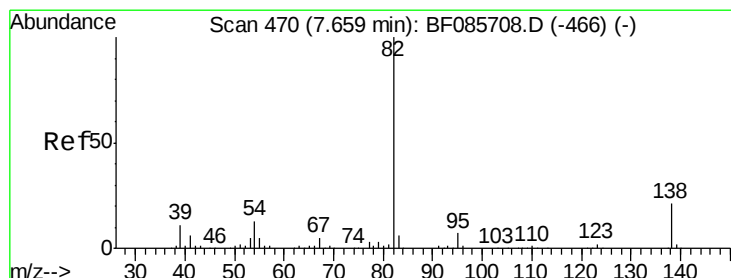
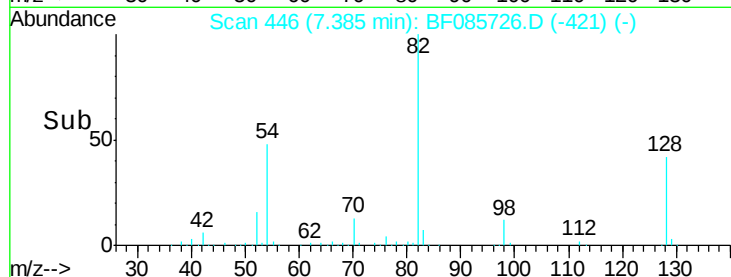
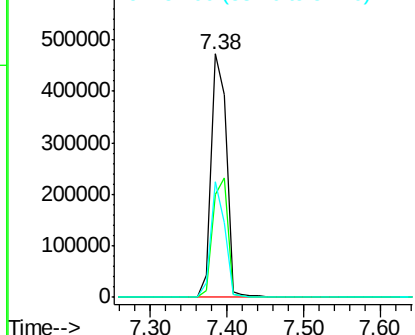
#23
 Nitrobenzene-d5
 Concen: 90.56 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085726.D
 Acq: 24 Mar 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 645517
 Ion Ratio Lower Upper
 82 100
 128 42.4 41.8 62.8
 54 47.6 33.4 50.0

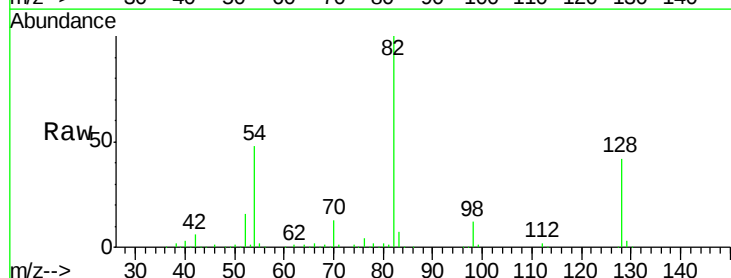


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

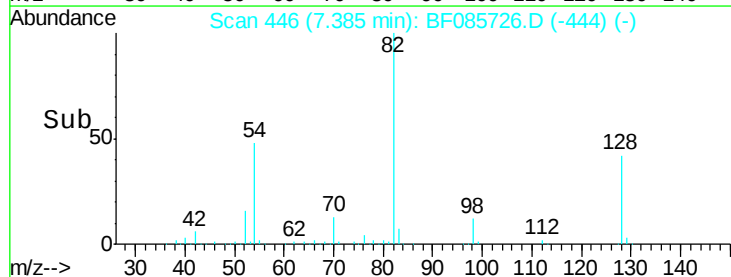
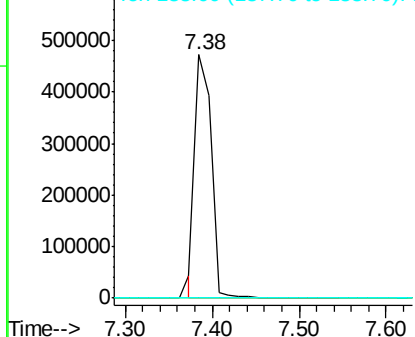


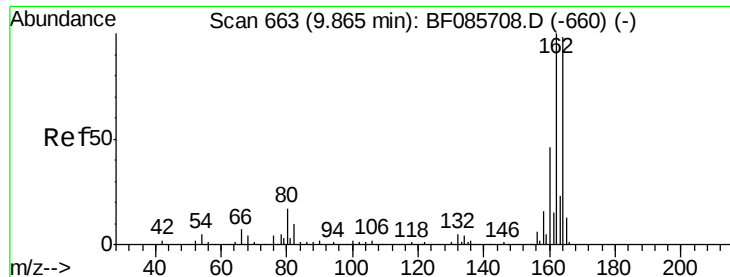
#25
 Isophorone
 Concen: 44.38 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.27 min
 Lab File: BF085726.D
 Acq: 24 Mar 2016 21:08

Tgt Ion: 82 Resp: 609374
 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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085726.D

Acq: 24 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

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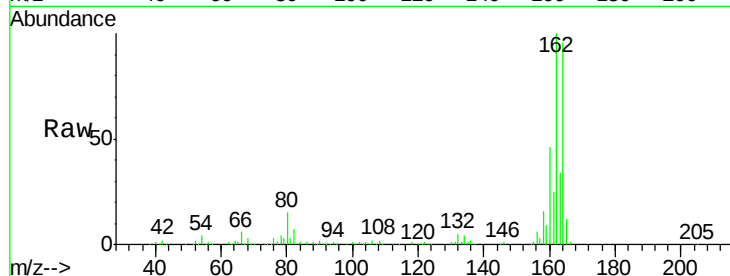
Tgt Ion:164 Resp: 190581

Ion Ratio Lower Upper

164 100

162 103.9 82.1 123.1

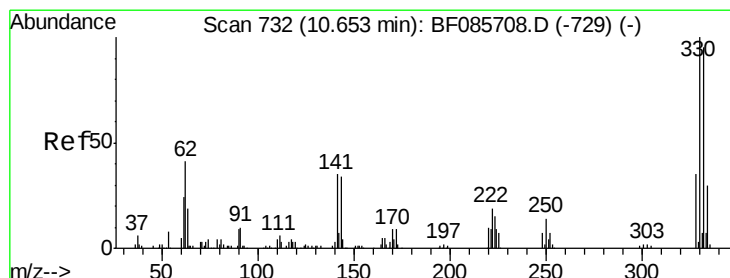
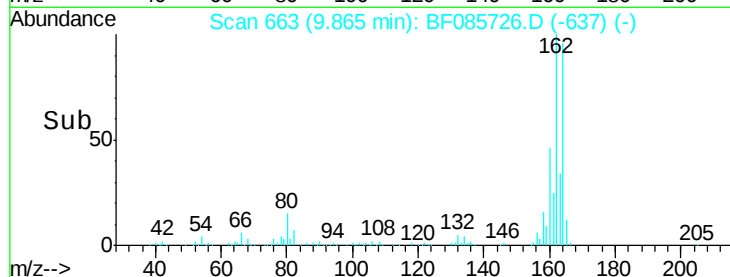
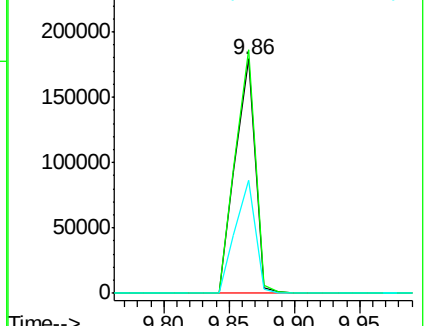
160 48.3 37.4 56.2



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: 163.50 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085726.D

Acq: 24 Mar 2016 21:08

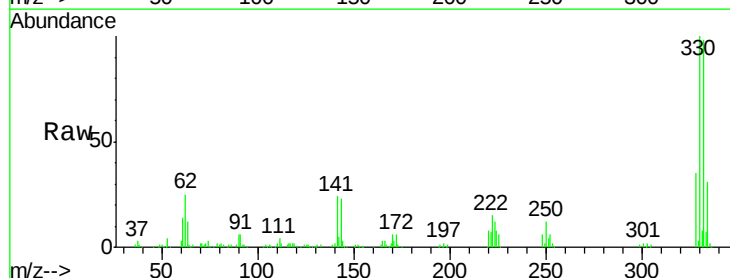
Tgt Ion:330 Resp: 296046

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

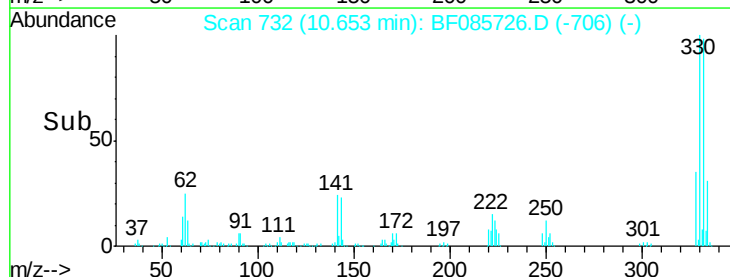
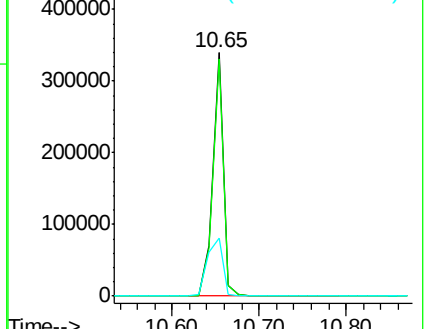
141 34.6 31.5 47.3

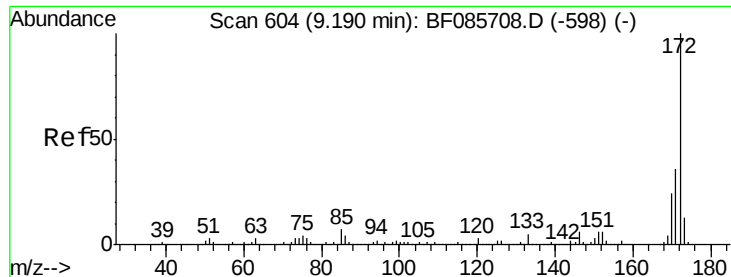


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

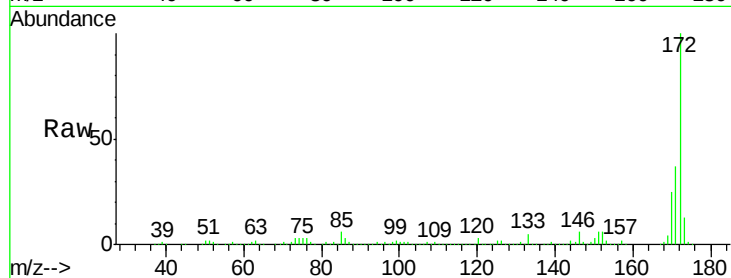




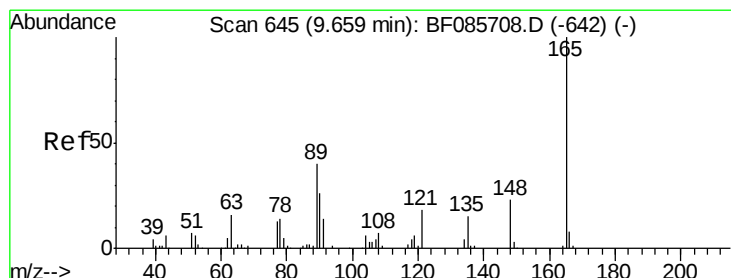
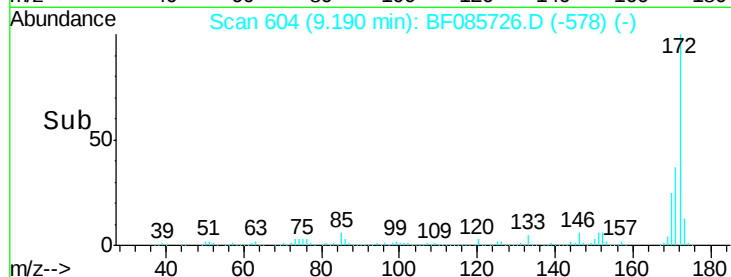
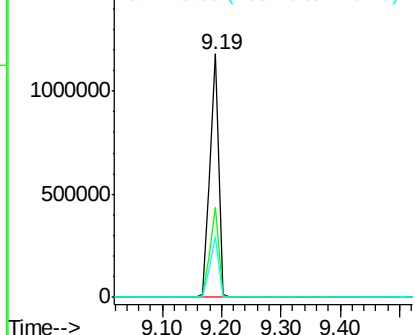
#44
 2-Fluorobiphenyl
 Concen: 106.71 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085726.D
 Acq: 24 Mar 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1217271
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.9 19.8 29.6

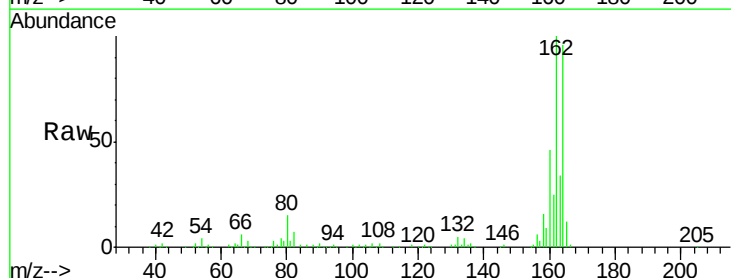


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

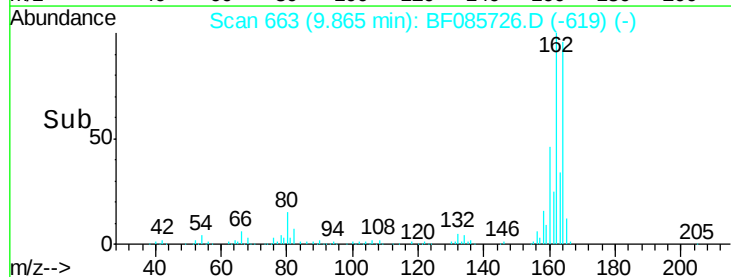
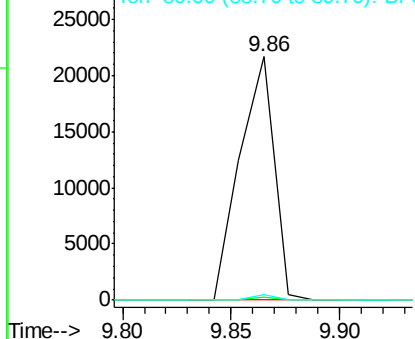


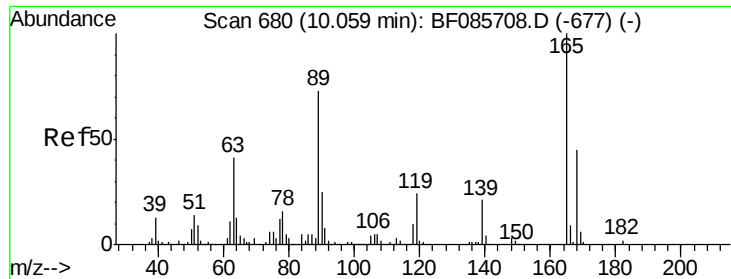
#50
 2,6-Dinitrotoluene
 Concen: 7.63 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF085726.D
 Acq: 24 Mar 2016 21:08

Tgt Ion:165 Resp: 23757
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 2.1 53.7 80.5#



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

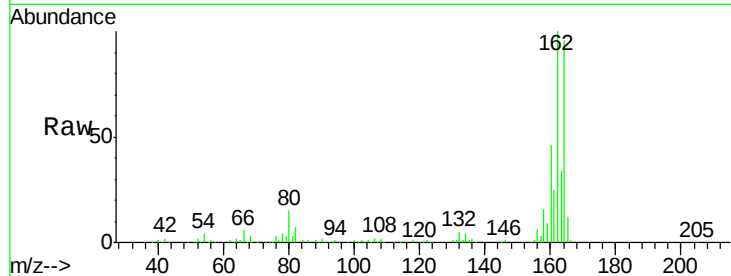




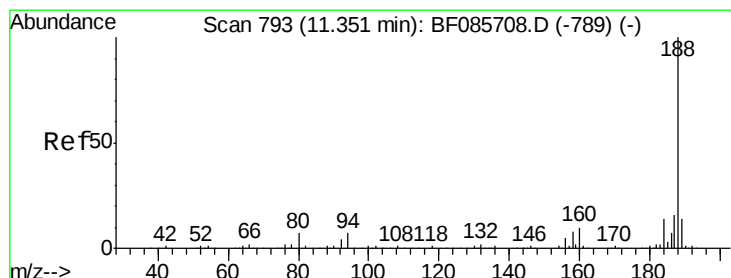
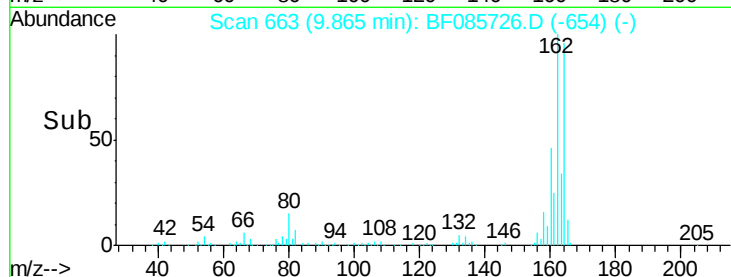
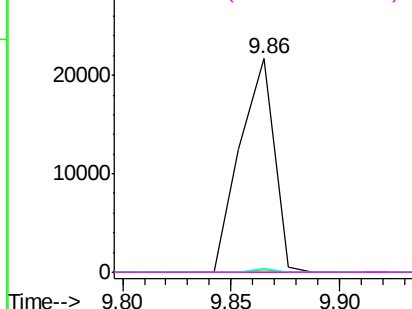
#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085726.D
 Acq: 24 Mar 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tgt Ion:165 Resp: 23757
 Ion Ratio Lower Upper
 165 100
 63 1.4 24.9 37.3#
 89 2.1 41.0 61.6#
 182 0.0 2.1 3.1#

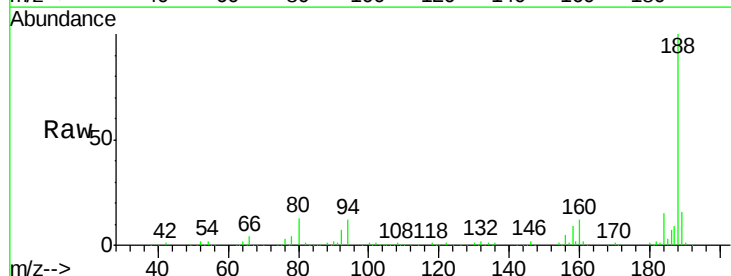


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

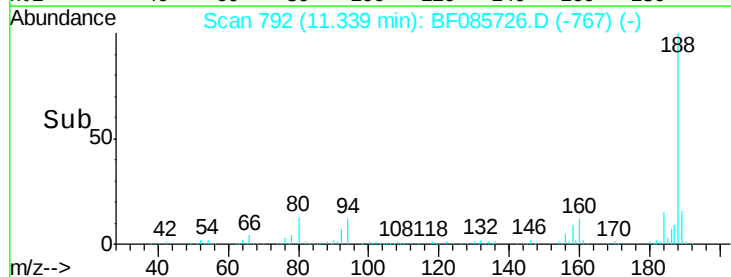
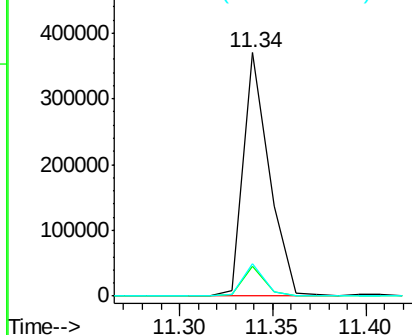


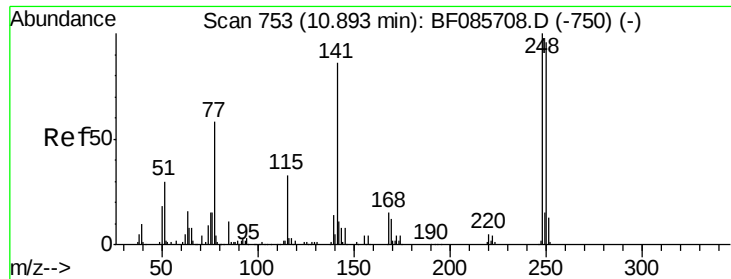
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085726.D
 Acq: 24 Mar 2016 21:08

Tgt Ion:188 Resp: 359346
 Ion Ratio Lower Upper
 188 100
 94 12.2 5.4 8.0#
 80 13.2 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: 5.33 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.24 min

Lab File: BF085726.D

Acq: 24 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

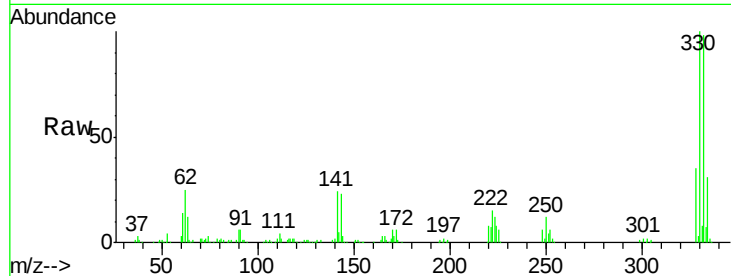
Tgt Ion:248 Resp: 19592

Ion Ratio Lower Upper

248 100

250 201.8 77.4 116.0#

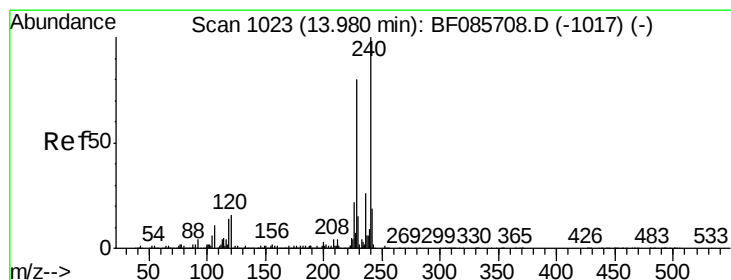
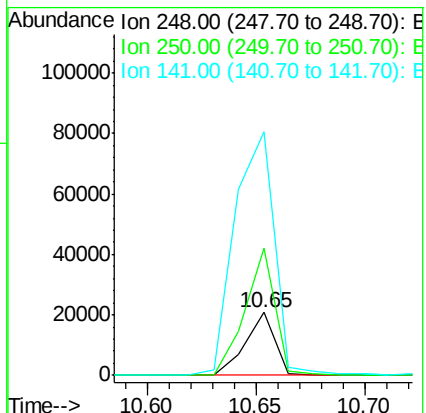
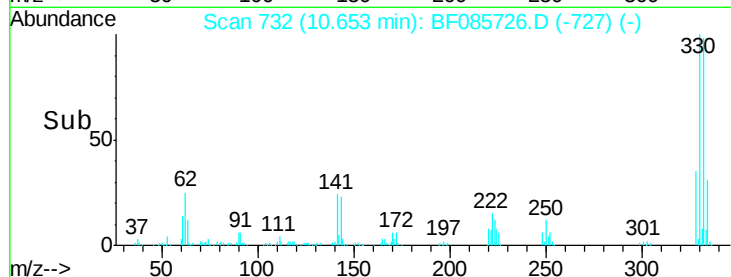
141 385.9 63.6 95.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085726.D

Acq: 24 Mar 2016 21:08

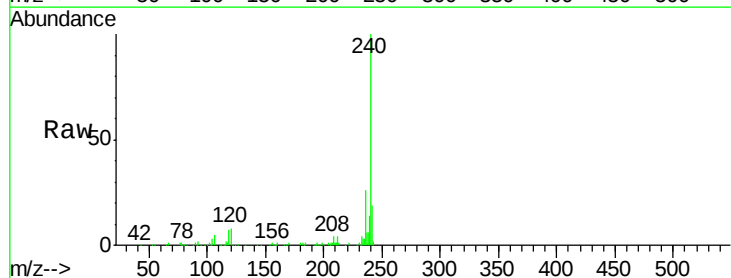
Tgt Ion:240 Resp: 253395

Ion Ratio Lower Upper

240 100

120 8.4 13.8 20.8#

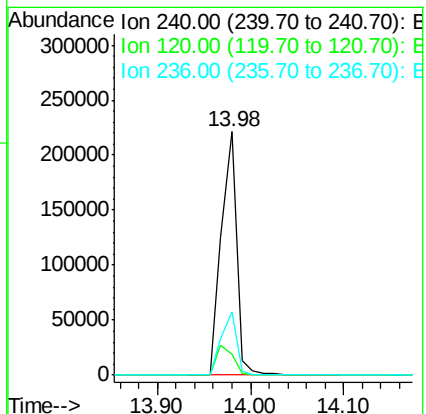
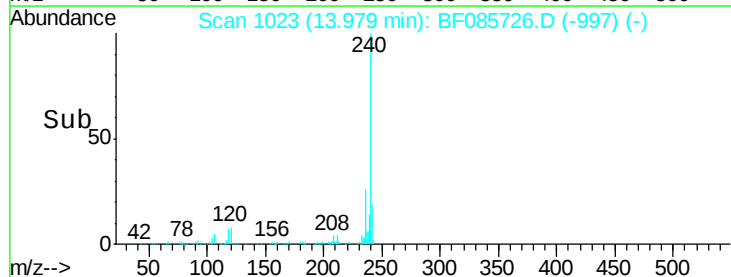
236 26.1 20.6 30.8

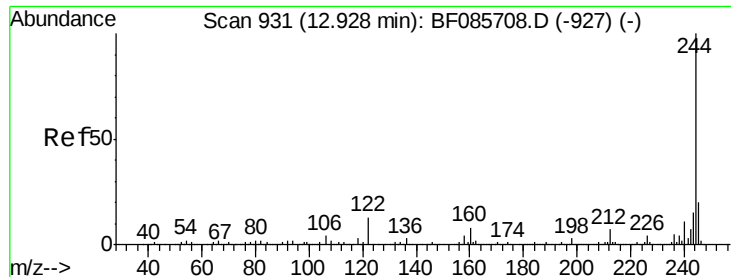


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

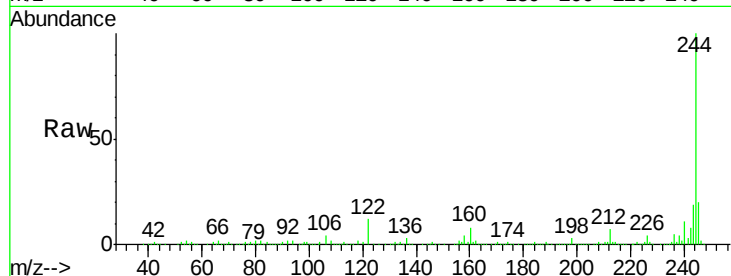




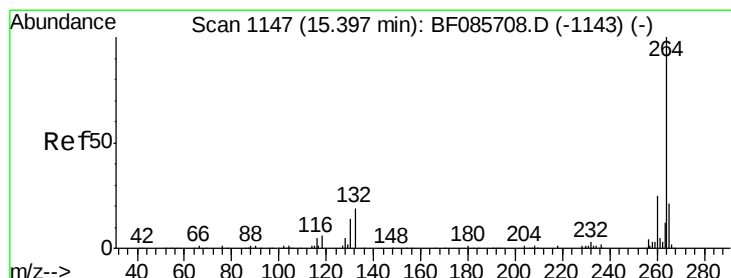
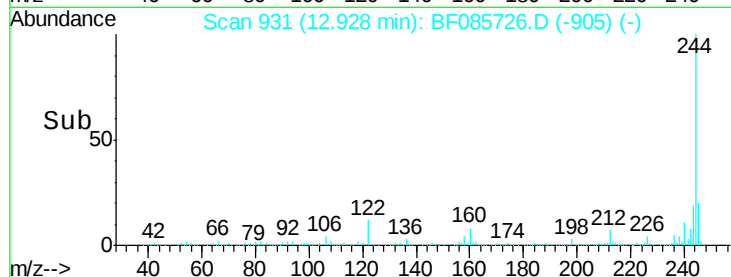
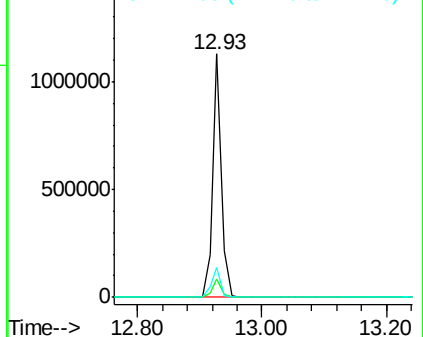
#78
 Terphenyl-d14
 Concen: 87.08 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085726.D
 Acq: 24 Mar 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tgt Ion:244 Resp: 1072942
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.2 10.2 15.4

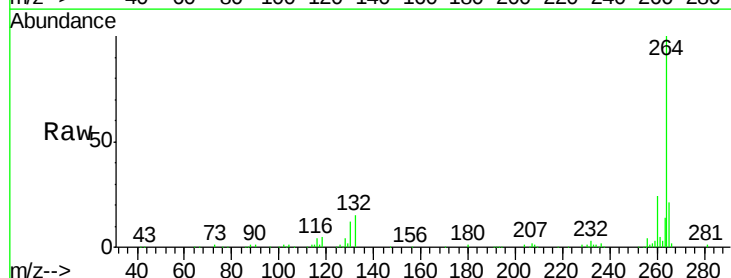


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085726.D
 Acq: 24 Mar 2016 21:08

Tgt Ion:264 Resp: 178857
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.0 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

