

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085724.D
 Acq On : 24 Mar 2016 20:11
 Operator : UM/SJ
 Sample : H1864-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8

Quant Time: Mar 24 23:53:43 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

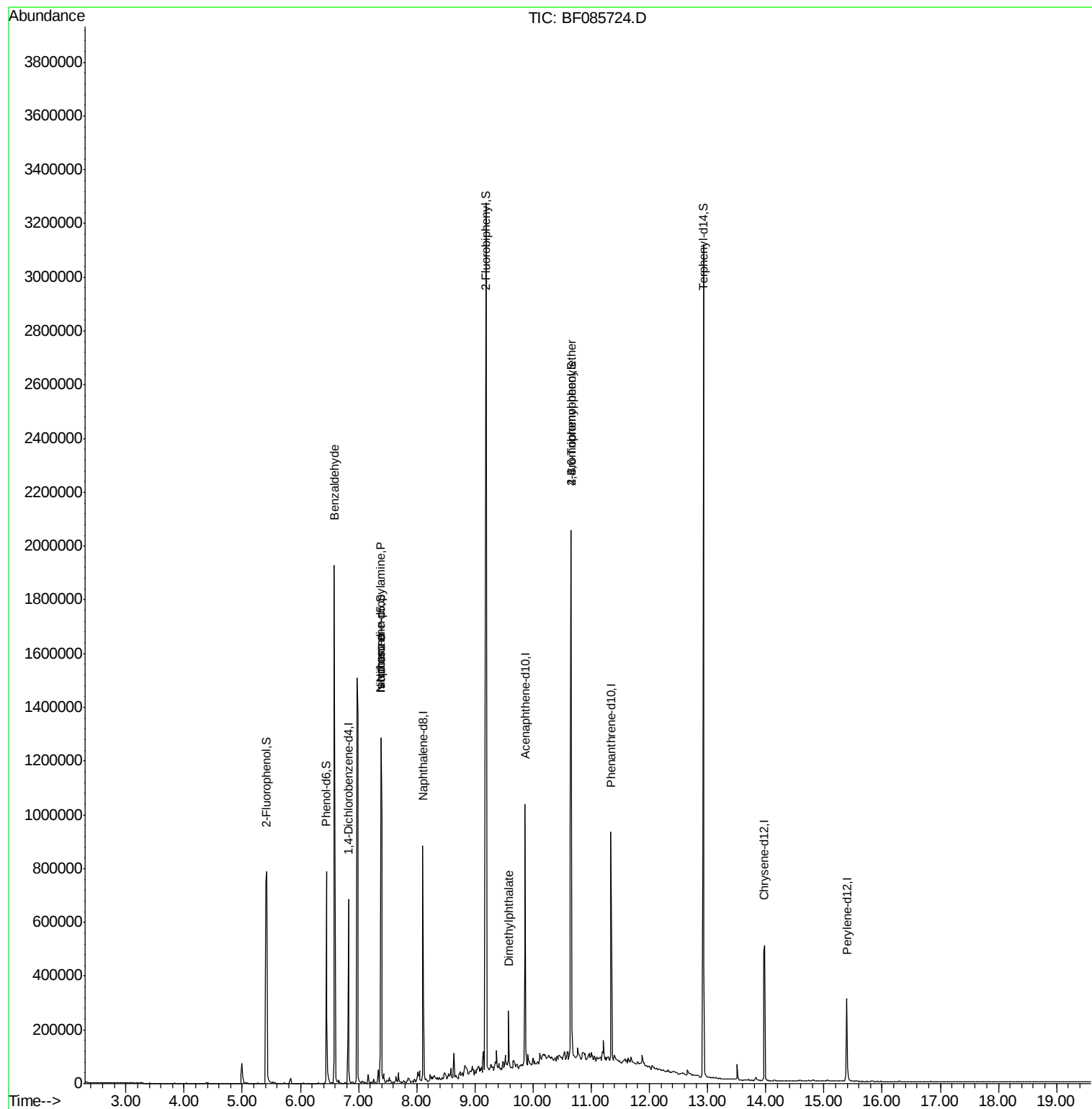
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	105180	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	414581	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	211118	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	371288	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	258774	20.00	ng	0.00
86) Perylene-d12	15.40	264	181176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	367209	58.14	ng	0.01
7) Phenol-d6	6.45	99	297683	37.07	ng	-0.01
23) Nitrobenzene-d5	7.38	82	605119	82.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	273727	136.46	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1181179	93.48	ng	0.00
78) Terphenyl-d14	12.93	244	985551	78.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	13445	2.78	ng	# 77
19) n-Nitroso-di-n-propylamine	7.38	70	78898	16.41	ng	# 79
25) Isophorone	7.38	82	573606	40.45	ng	# 68
49) Dimethylphthalate	9.58	163	68134	4.25	ng	100
66) 4-Bromophenyl-phenylether	10.65	248	18289	4.81	ng	# 1

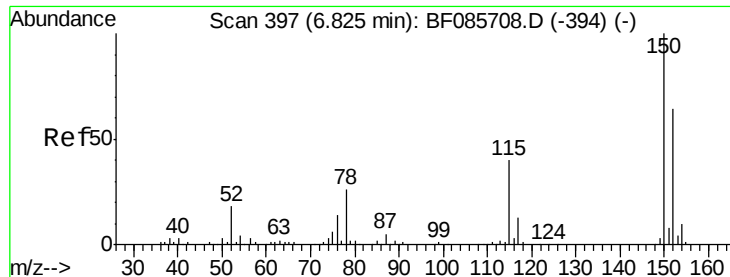
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085724.D

Acq: 24 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PZ-8

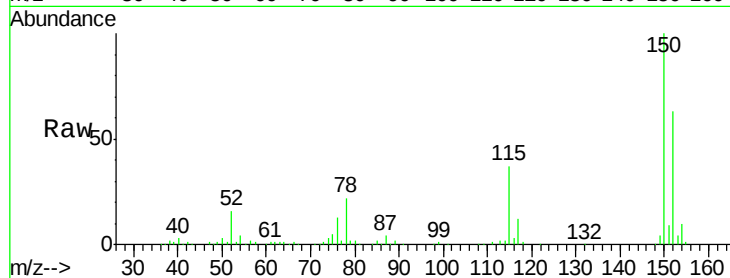
Tgt Ion:152 Resp: 105180

Ion Ratio Lower Upper

152 100

150 158.1 124.2 186.2

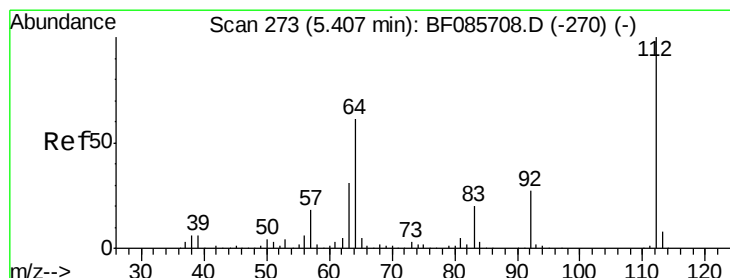
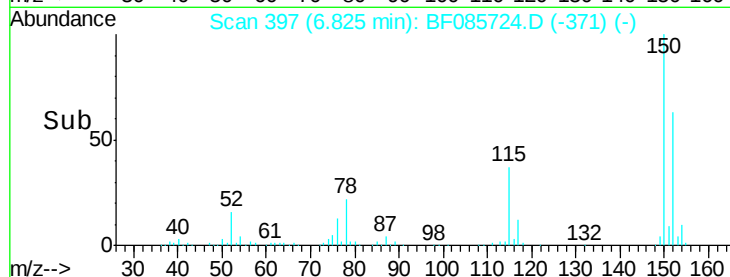
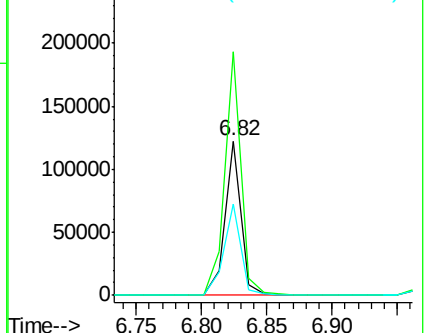
115 59.3 47.0 70.6



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: 58.14 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085724.D

Acq: 24 Mar 2016 20:11

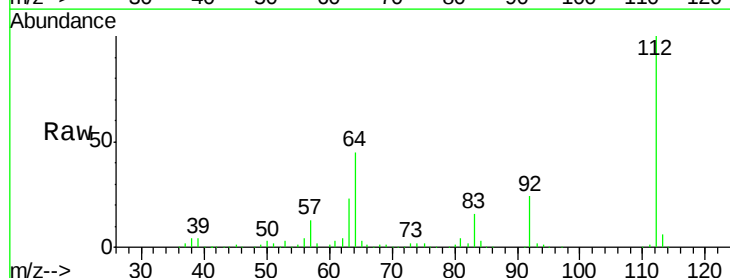
Tgt Ion:112 Resp: 367209

Ion Ratio Lower Upper

112 100

64 44.7 39.9 59.9

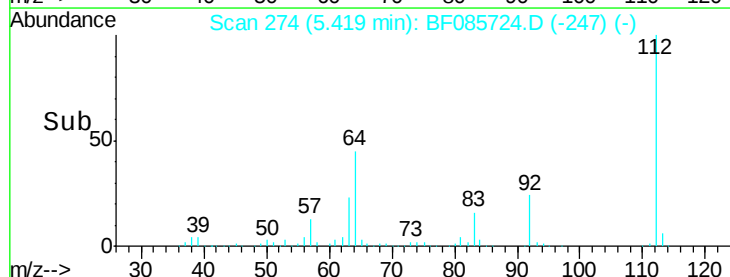
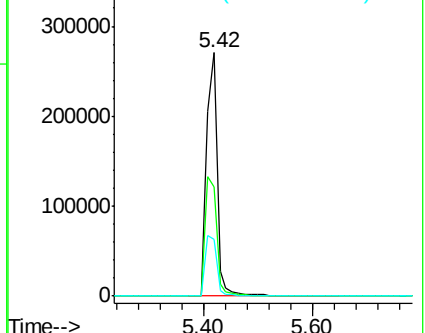
63 23.1 20.2 30.2



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: 37.07 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085724.D

Acq: 24 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PZ-8

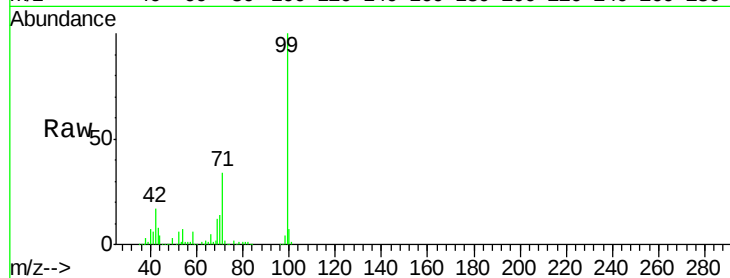
Tgt Ion: 99 Resp: 297683

Ion Ratio Lower Upper

99 100

42 17.1 11.1 16.7#

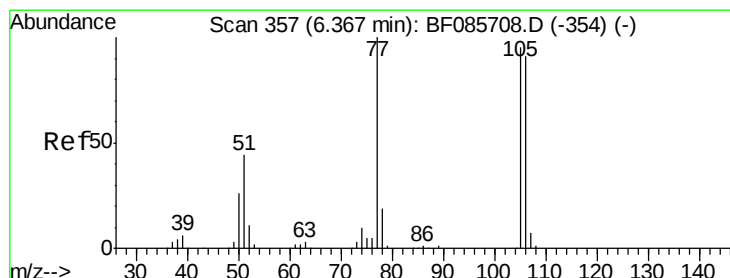
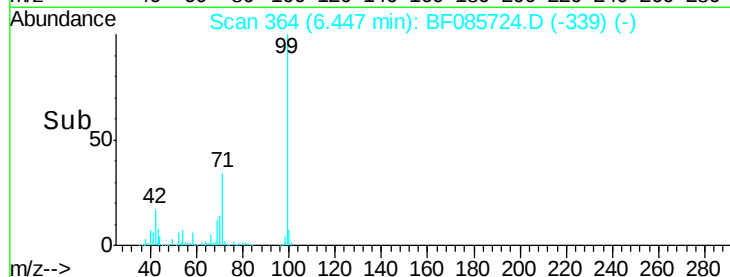
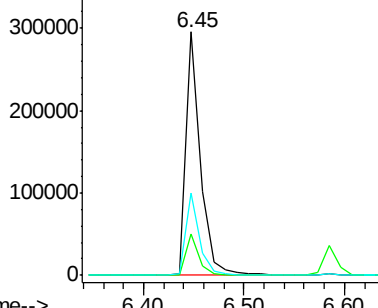
71 33.6 24.9 37.3



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: 2.78 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085724.D

Acq: 24 Mar 2016 20:11

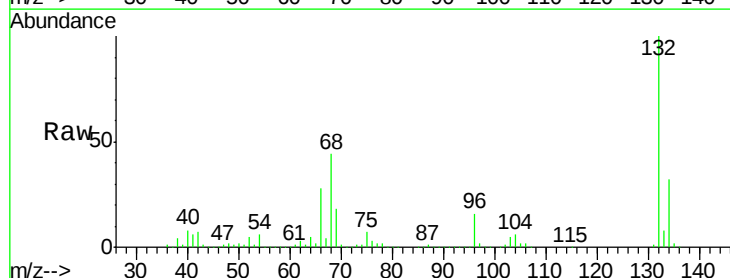
Tgt Ion: 77 Resp: 13445

Ion Ratio Lower Upper

77 100

105 78.0 80.1 120.1#

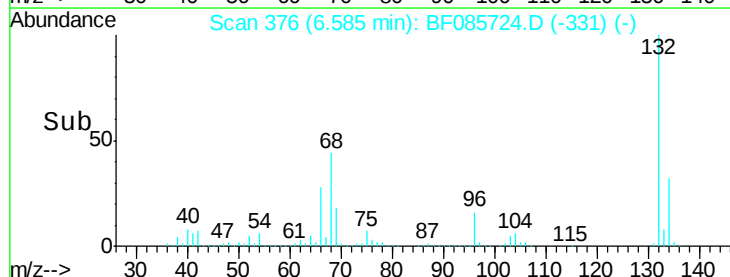
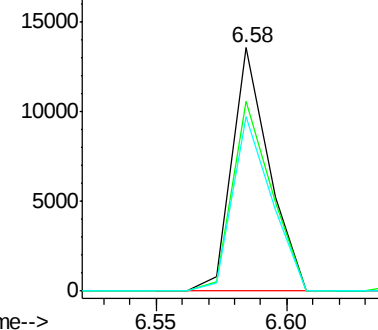
106 71.5 75.0 115.0#

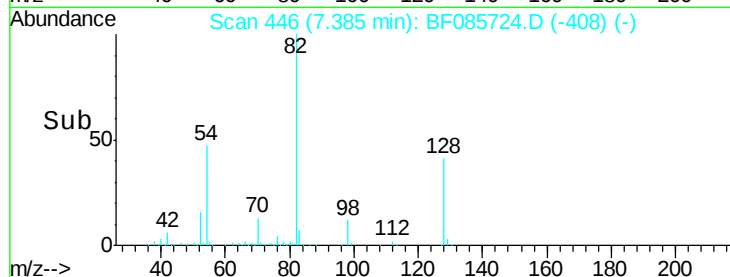
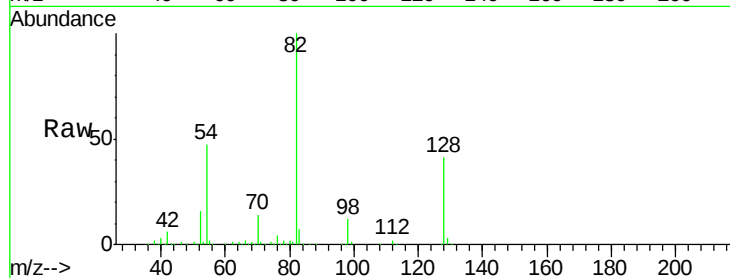
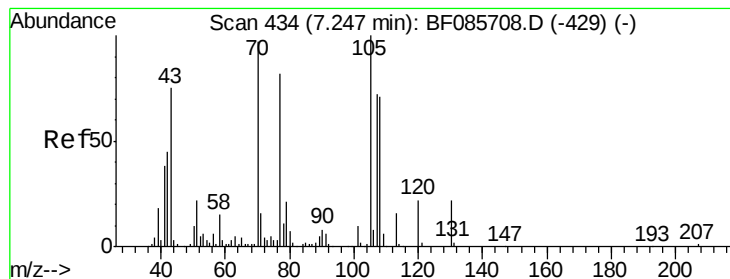


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 16.41 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085724.D

Acq: 24 Mar 2016 20:11

Instrument :

BNA_F

ClientSampled :

PZ-8

Tgt Ion: 70 Resp: 78898

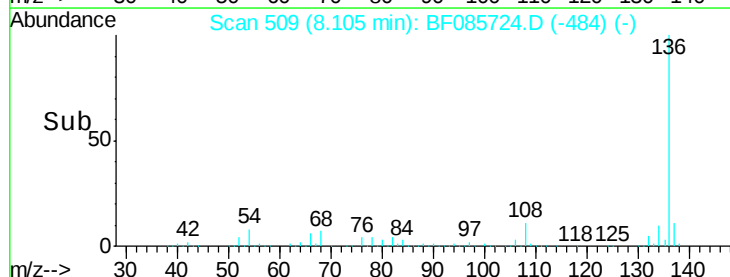
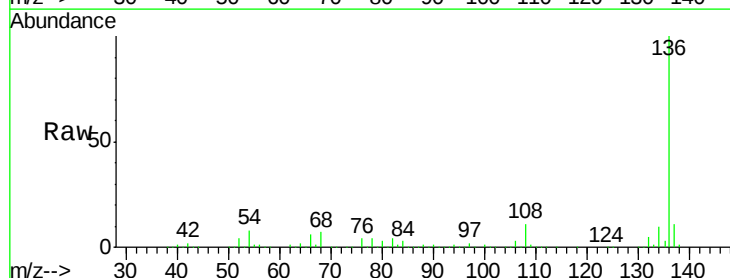
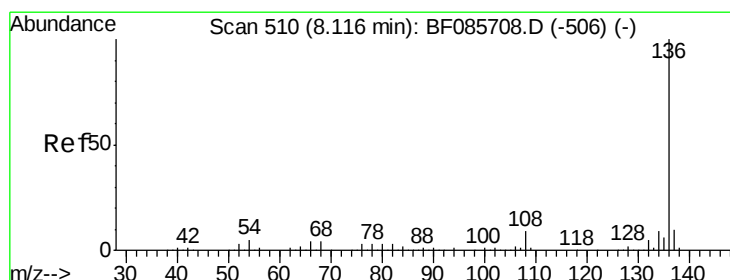
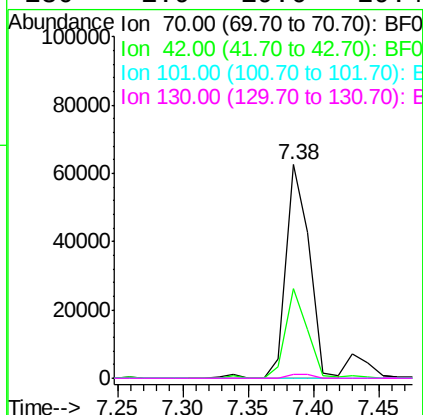
Ion Ratio Lower Upper

70 100

42 42.3 37.1 55.7

101 0.0 8.6 12.8#

130 1.9 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: BF085724.D

Acq: 24 Mar 2016 20:11

Tgt Ion: 136 Resp: 414581

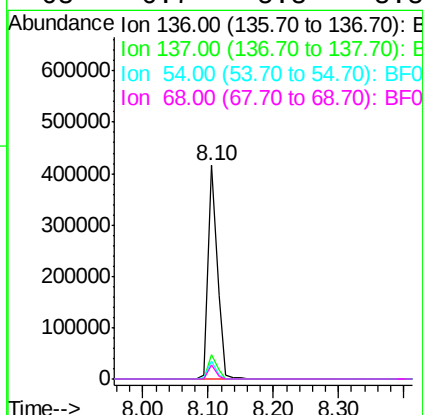
Ion Ratio Lower Upper

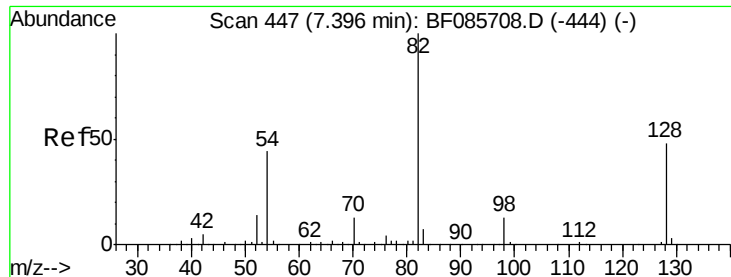
136 100

137 11.1 9.1 13.7

54 8.2 7.4 11.0

68 6.7 5.8 8.8

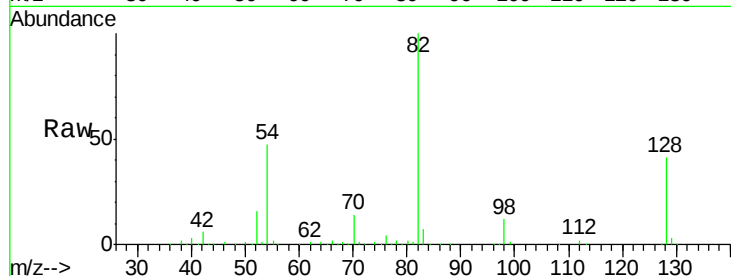




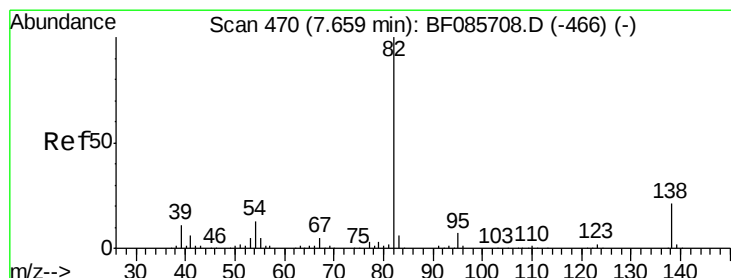
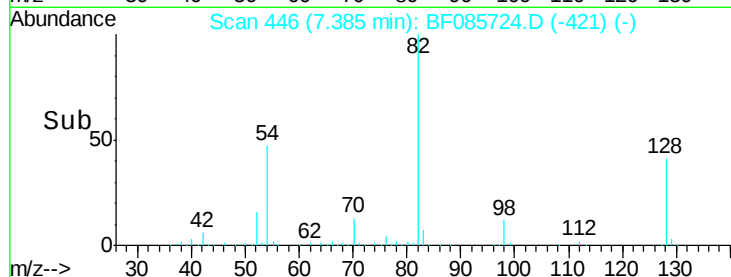
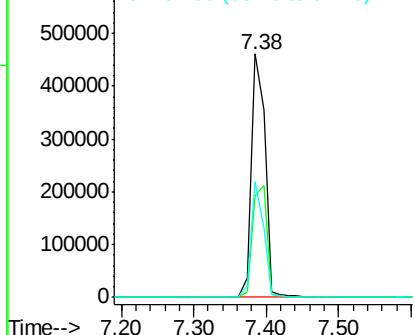
#23
Nitrobenzene-d5
Concen: 82.19 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085724.D
Acq: 24 Mar 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PZ-8

Tgt Ion: 82 Resp: 605119
Ion Ratio Lower Upper
82 100
128 41.5 41.8 62.8#
54 47.3 33.4 50.0

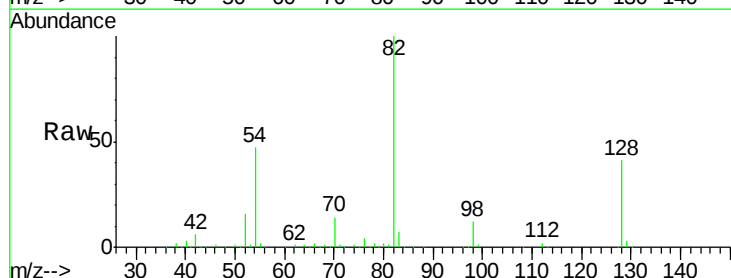


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

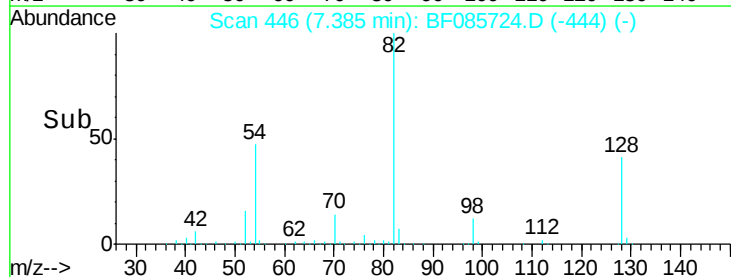
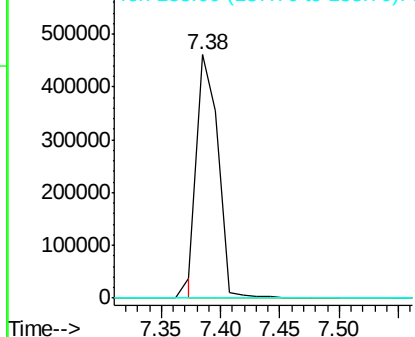


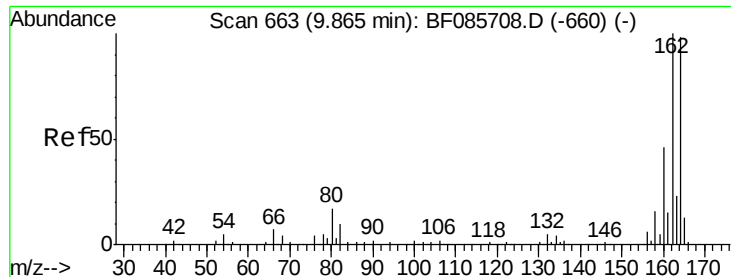
#25
Isophorone
Concen: 40.45 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.27 min
Lab File: BF085724.D
Acq: 24 Mar 2016 20:11

Tgt Ion: 82 Resp: 573606
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: BF085724.D

Acq: 24 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PZ-8

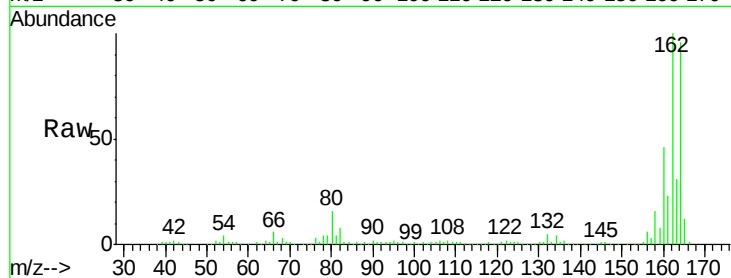
Tgt Ion:164 Resp: 211118

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

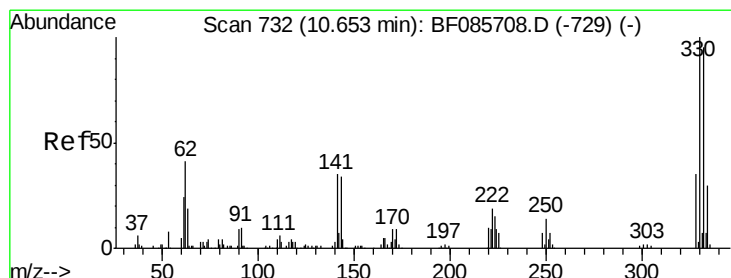
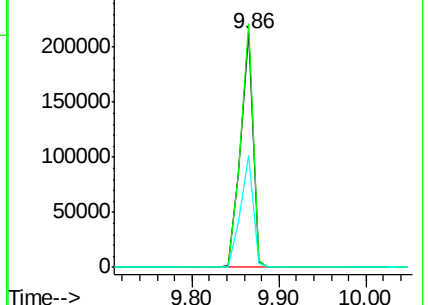
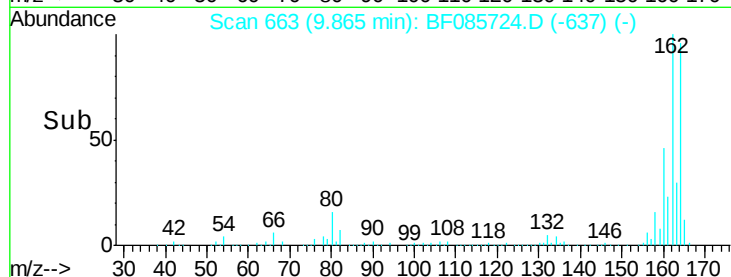
160 47.5 37.4 56.2



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: 136.46 ng

RT: 10.65 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF085724.D

Acq: 24 Mar 2016 20:11

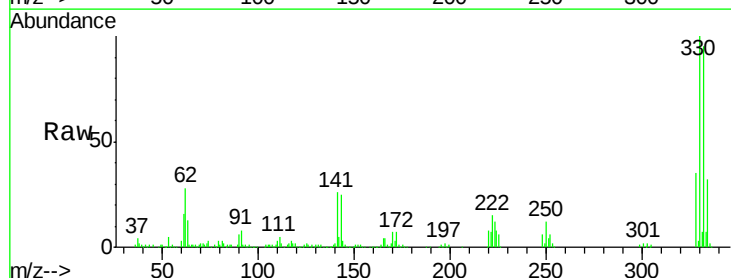
Tgt Ion:330 Resp: 273727

Ion Ratio Lower Upper

330 100

332 95.2 78.2 117.2

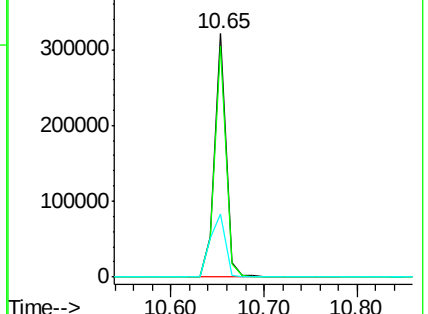
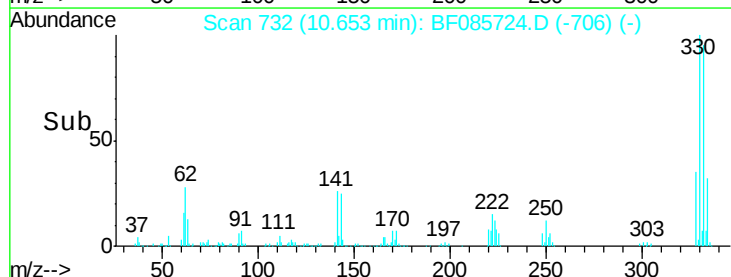
141 36.2 31.5 47.3

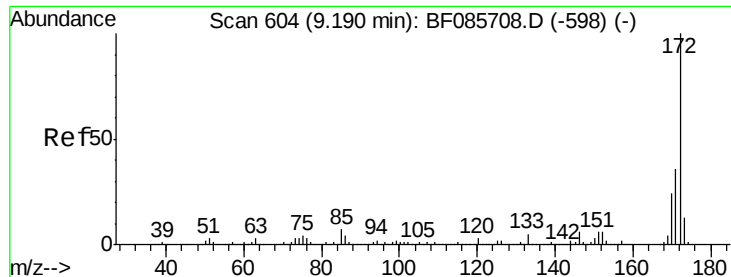


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

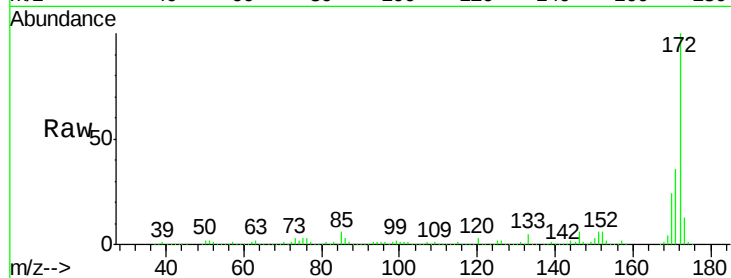




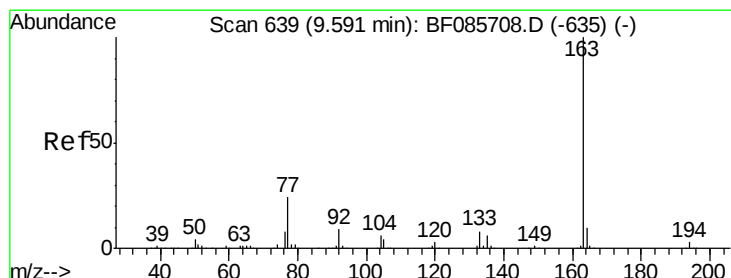
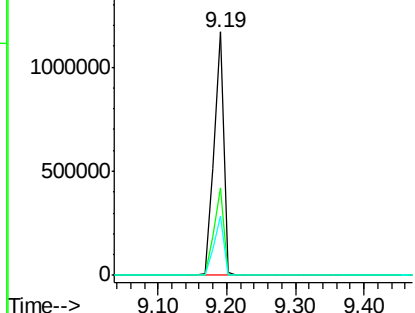
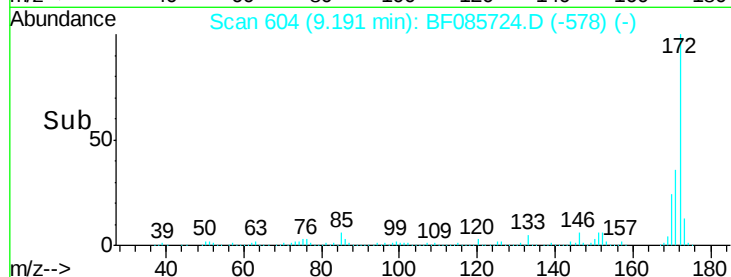
#44
 2-Fluorobiphenyl
 Concen: 93.48 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085724.D
 Acq: 24 Mar 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8

Tgt Ion:172 Resp: 1181179
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.1 19.8 29.6

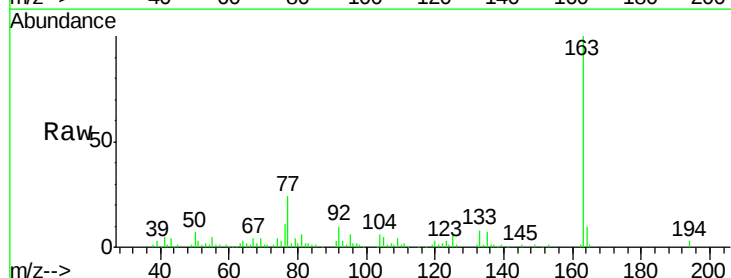


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

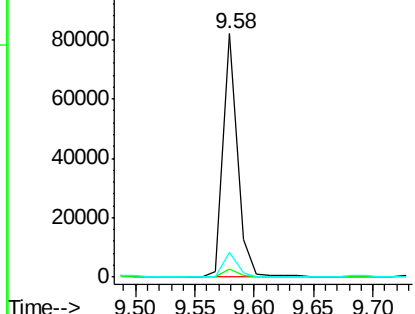
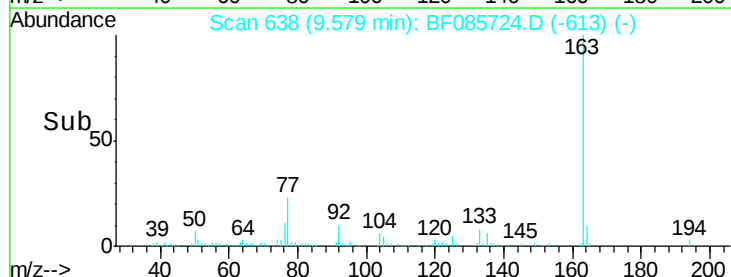


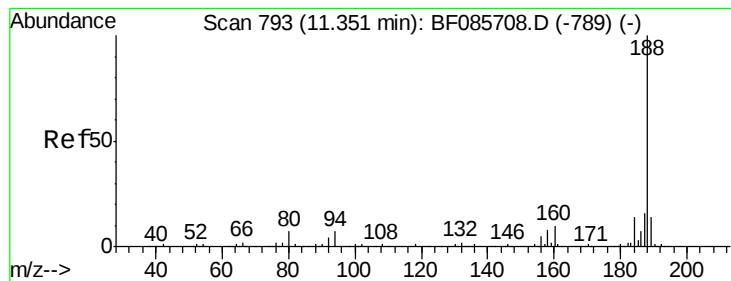
#49
 Dimethylphthalate
 Concen: 4.25 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085724.D
 Acq: 24 Mar 2016 20:11

Tgt Ion:163 Resp: 68134
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.9 4.3
 164 10.3 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085724.D

Acq: 24 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PZ-8

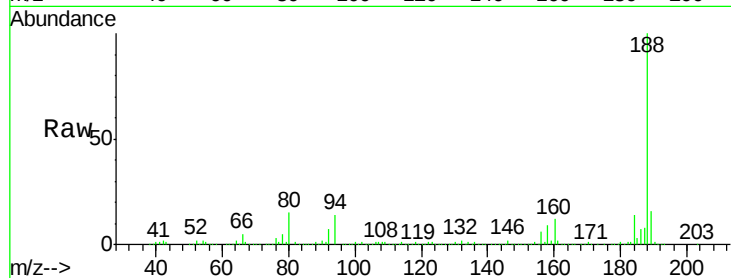
Tgt Ion:188 Resp: 371288

Ion Ratio Lower Upper

188 100

94 13.6 5.4 8.0#

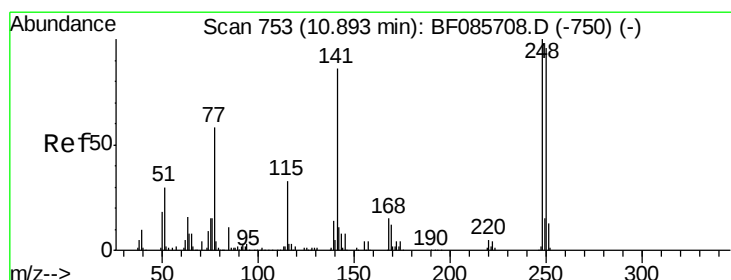
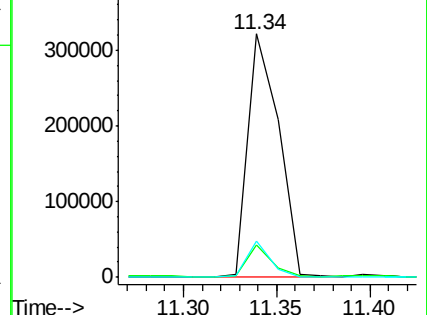
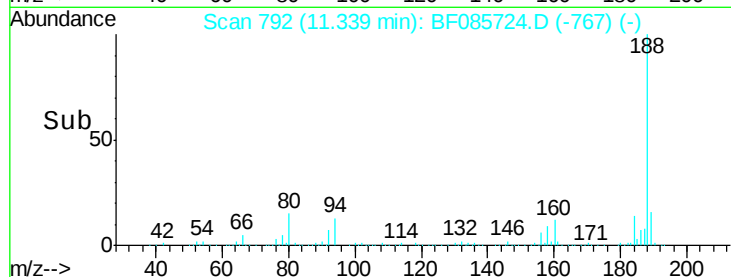
80 14.8 5.5 8.3#



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: 4.81 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.24 min

Lab File: BF085724.D

Acq: 24 Mar 2016 20:11

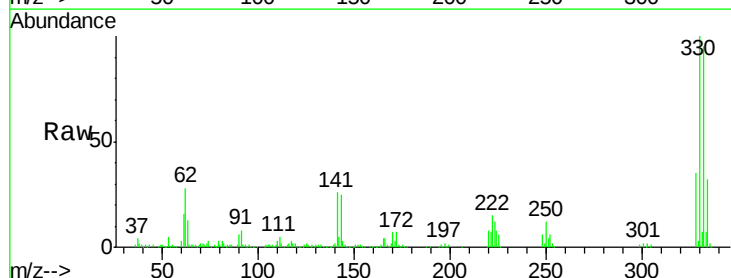
Tgt Ion:248 Resp: 18289

Ion Ratio Lower Upper

248 100

250 191.7 77.4 116.0#

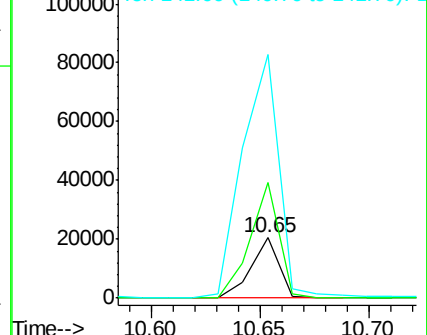
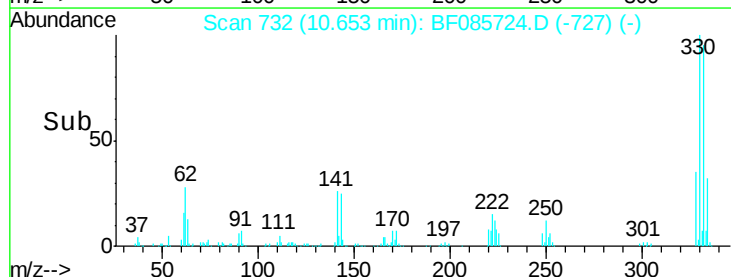
141 404.0 63.6 95.4#

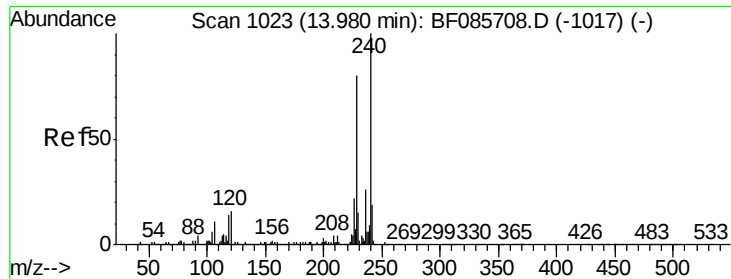


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF085724.D

Acq: 24 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PZ-8

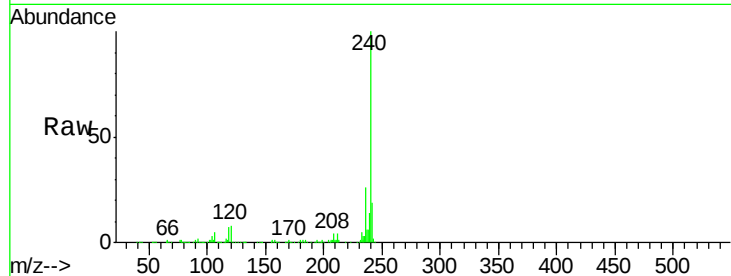
Tgt Ion:240 Resp: 258774

Ion Ratio Lower Upper

240 100

120 8.2 13.8 20.8#

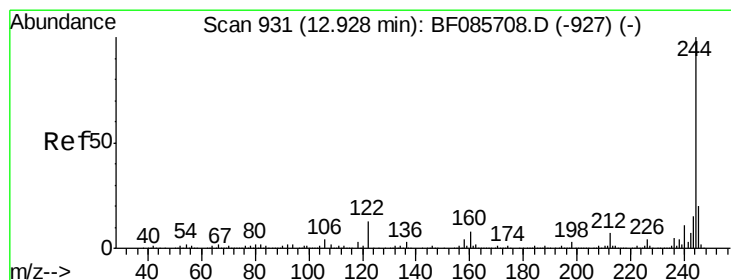
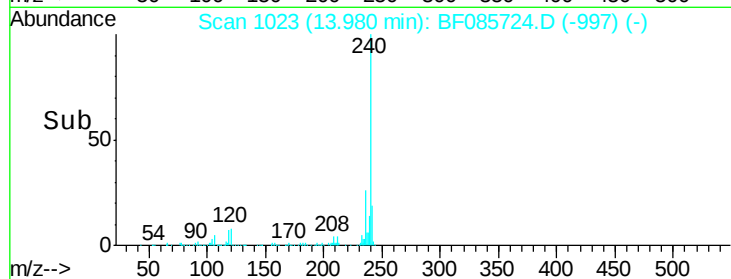
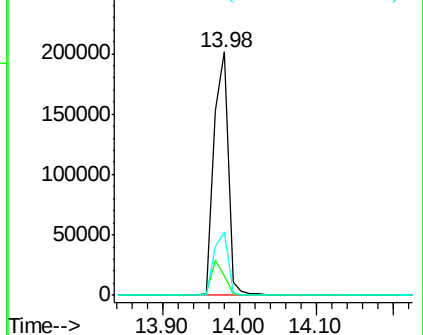
236 25.7 20.6 30.8



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: 78.33 ng

RT: 12.93 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085724.D

Acq: 24 Mar 2016 20:11

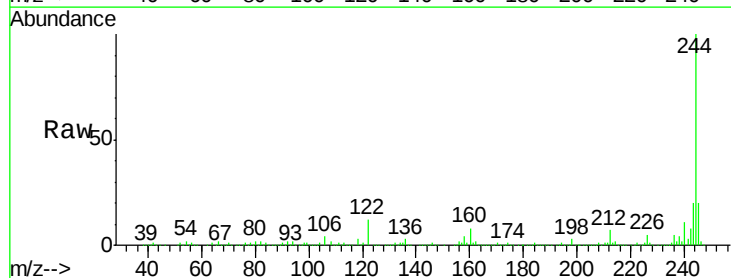
Tgt Ion:244 Resp: 985551

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

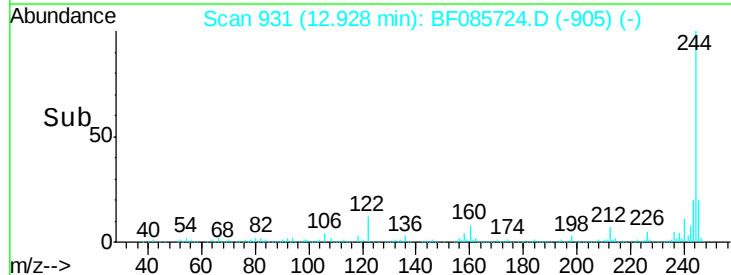
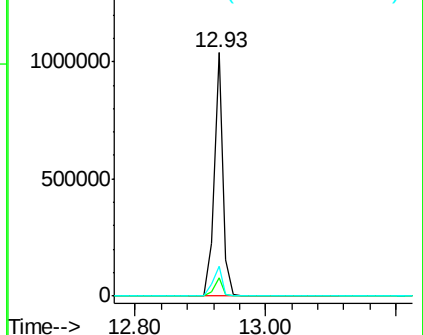
122 12.4 10.2 15.4

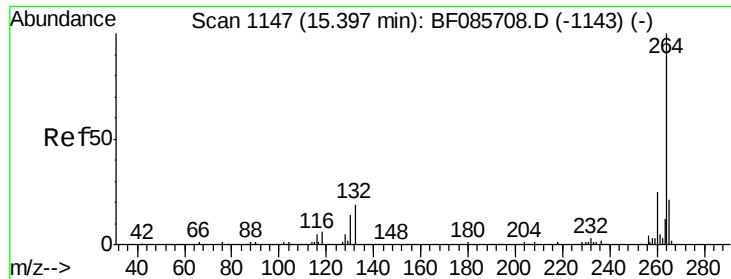


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085724.D
Acq: 24 Mar 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PZ-8

Tgt Ion: 264 Resp: 181176

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.0	17.2	25.8

