

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085727.D
 Acq On : 24 Mar 2016 21:37
 Operator : UM/SJ
 Sample : H1864-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1

Quant Time: Mar 24 23:54:26 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

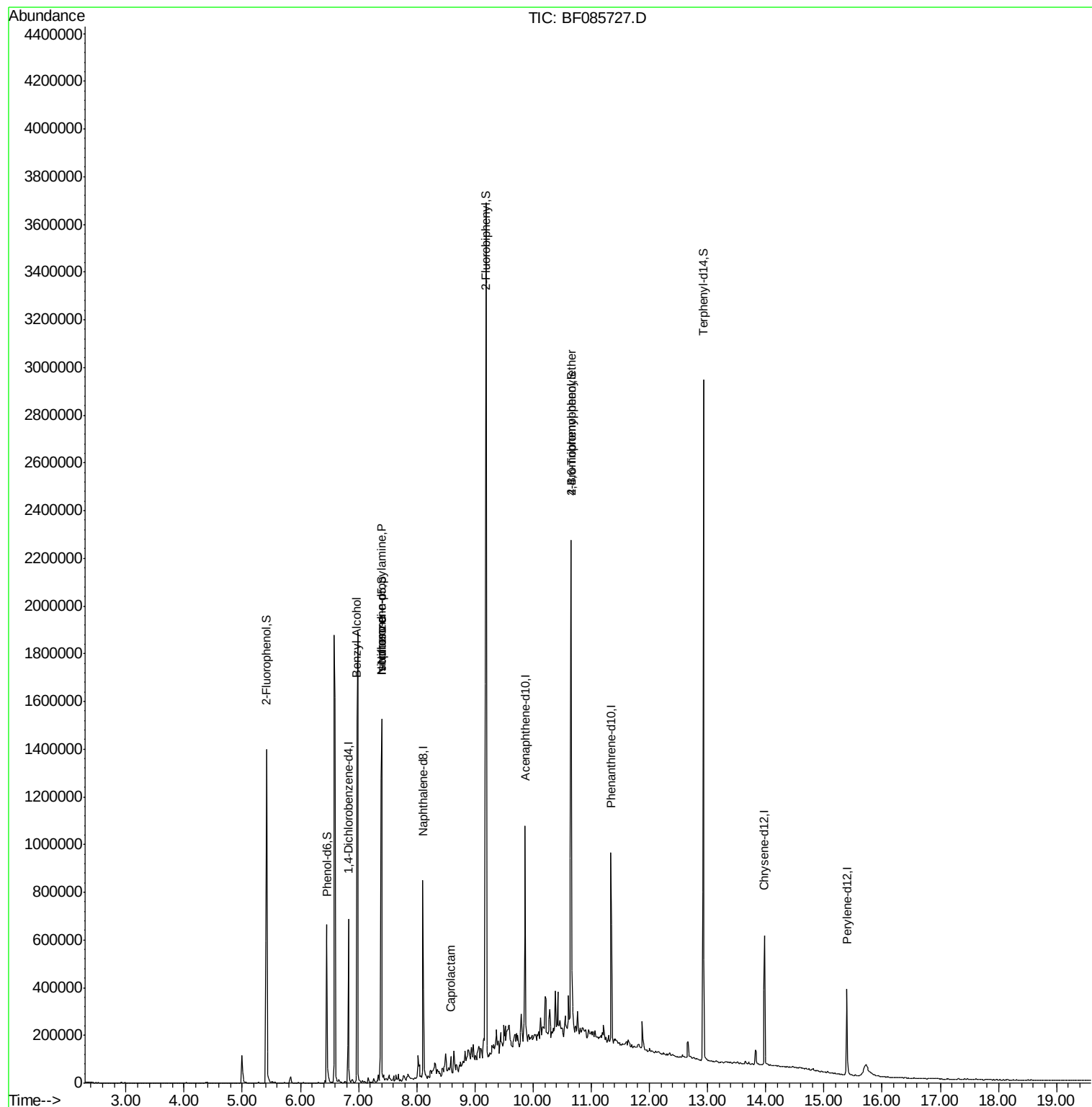
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106099	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	411447	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	201214	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	363750	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	225577	20.00	ng	0.00
86) Perylene-d12	15.40	264	179095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	475706	74.67	ng	0.01
7) Phenol-d6	6.46	99	368669	45.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	730695	100.01	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	274037	143.34	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1227346	101.91	ng	0.00
78) Terphenyl-d14	12.93	244	913856	83.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.97	79	11105	2.05	ng	# 48
19) n-Nitroso-di-n-propylamine	7.40	70	96577	19.91	ng	# 74
25) Isophorone	7.40	82	699283	49.68	ng	# 68
35) Caprolactam	8.58	113	3964	2.02	ng	# 16
37) 2-Methylnaphthalene	8.93	142	214	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.65	248	19184	5.16	ng	# 1

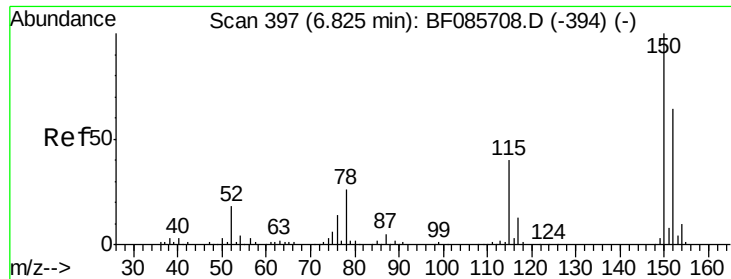
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085727.D

Acq: 24 Mar 2016 21:37

Instrument :

BNA_F

ClientSampleId :

PZ-1

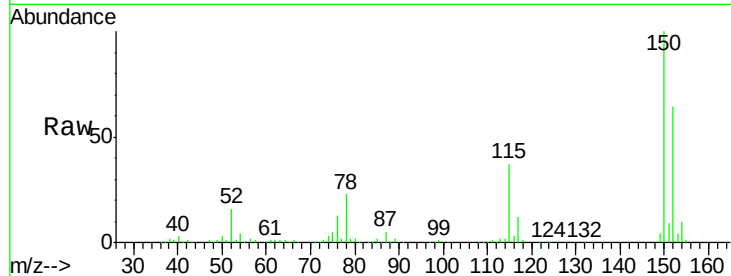
Tgt Ion:152 Resp: 106099

Ion Ratio Lower Upper

152 100

150 156.7 124.2 186.2

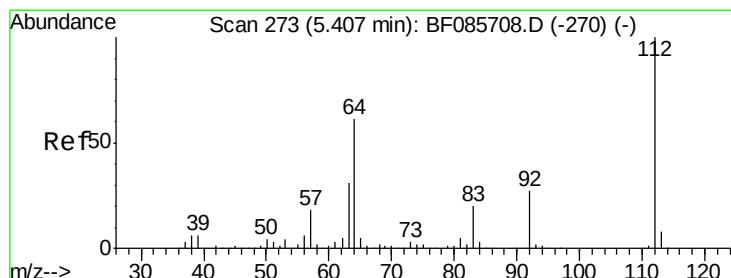
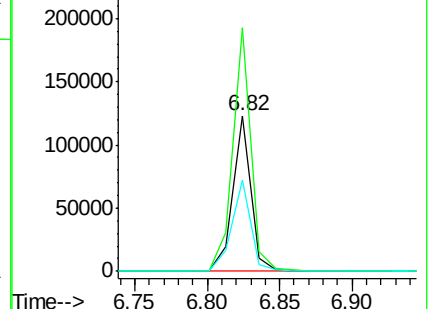
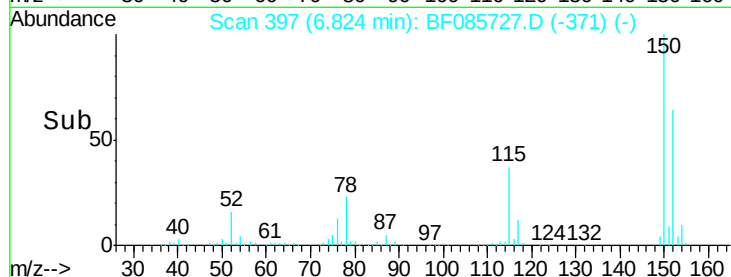
115 58.6 47.0 70.6



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: 74.67 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

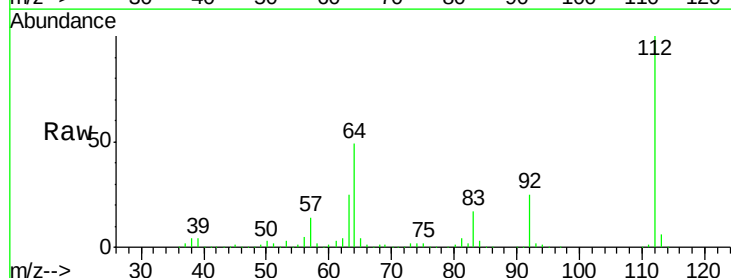
Tgt Ion:112 Resp: 475706

Ion Ratio Lower Upper

112 100

64 49.0 39.9 59.9

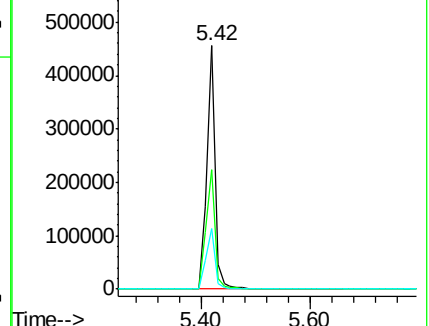
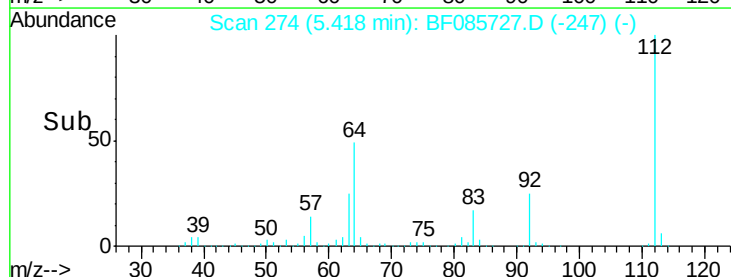
63 25.0 20.2 30.2

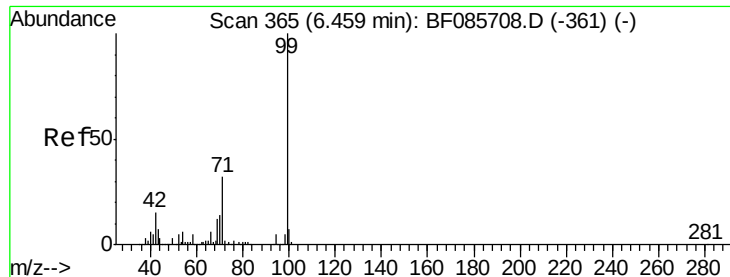


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.52 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

Instrument :

BNA_F

ClientSampleId :

PZ-1

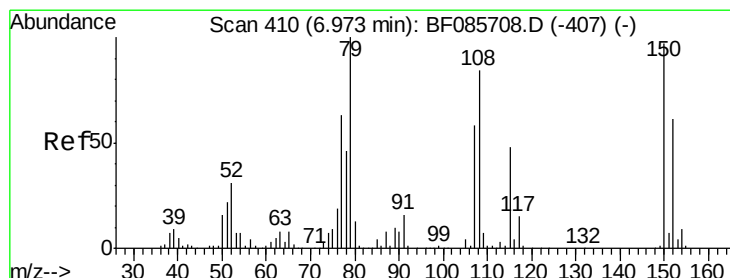
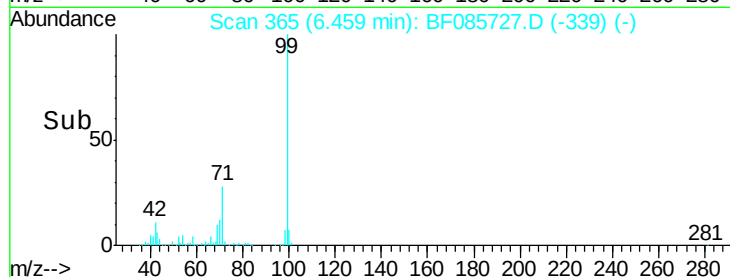
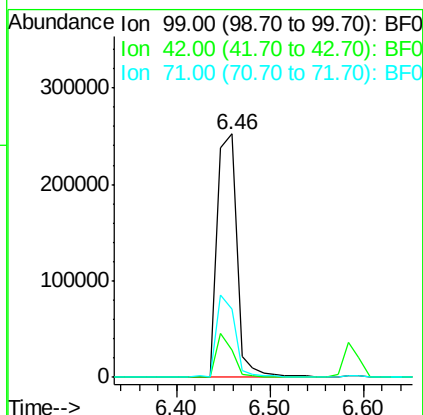
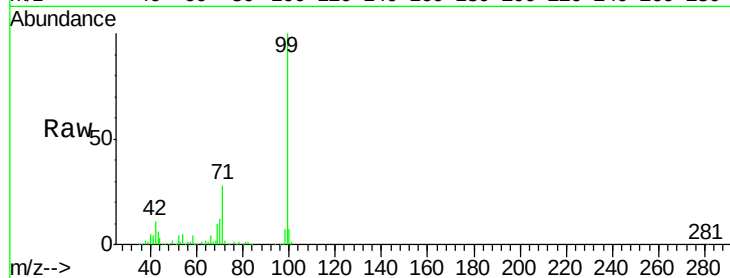
Tgt Ion: 99 Resp: 368669

Ion Ratio Lower Upper

99 100

42 11.5 11.1 16.7

71 28.0 24.9 37.3



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

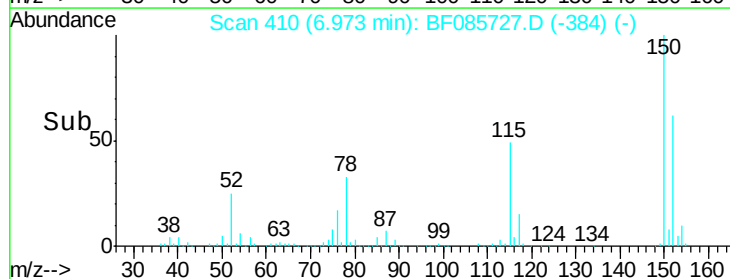
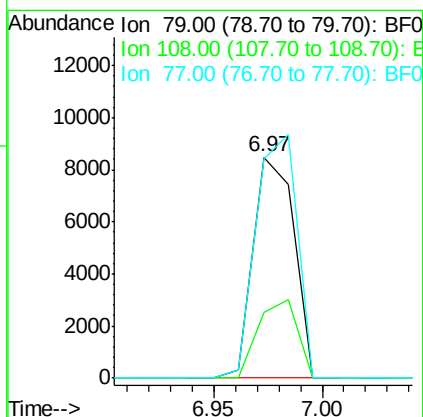
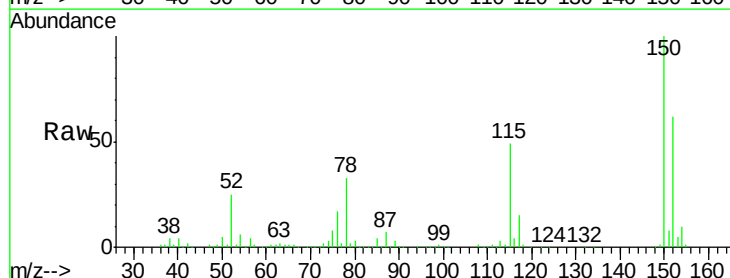
Tgt Ion: 79 Resp: 11105

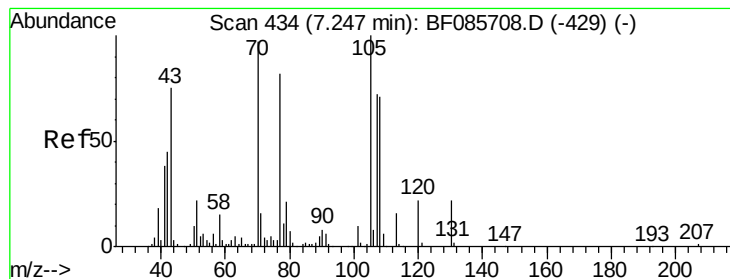
Ion Ratio Lower Upper

79 100

108 30.1 61.8 92.6#

77 99.5 49.6 74.4#





#19

n-Nitroso-di-n-propylamine

Concen: 19.91 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.15 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

Instrument :

BNA_F

ClientSampled :

PZ-1

Tgt Ion: 70 Resp: 96577

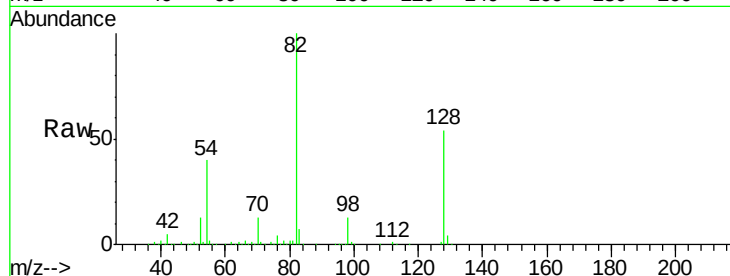
Ion Ratio Lower Upper

70 100

42 35.6 37.1 55.7#

101 0.0 8.6 12.8#

130 2.6 19.6 29.4#

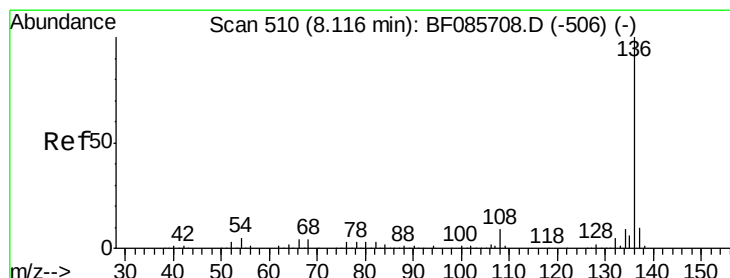
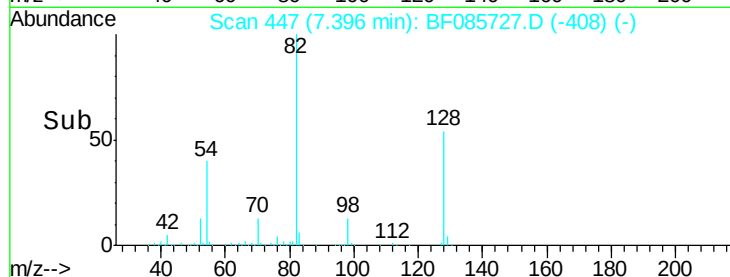
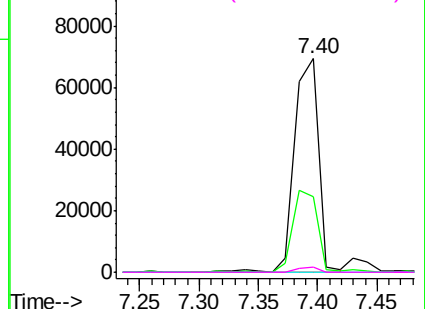


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

Tgt Ion: 136 Resp: 411447

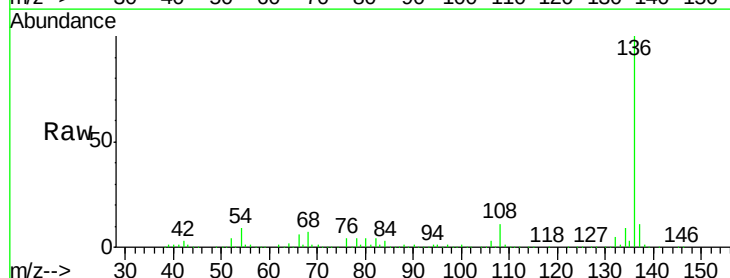
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.6 7.4 11.0

68 7.3 5.8 8.8

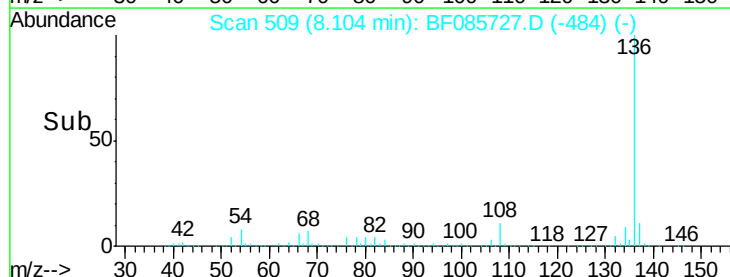
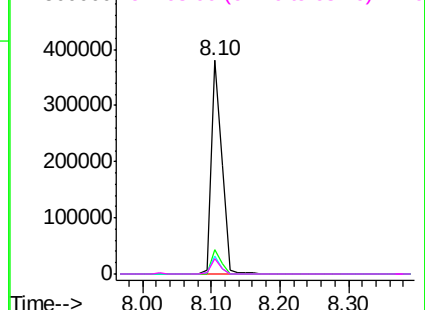


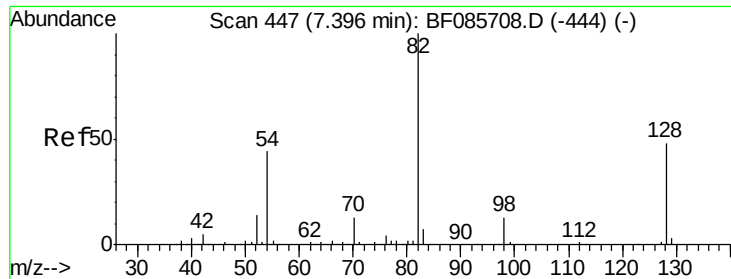
Abundance Ion 136.00 (135.70 to 136.70): E

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

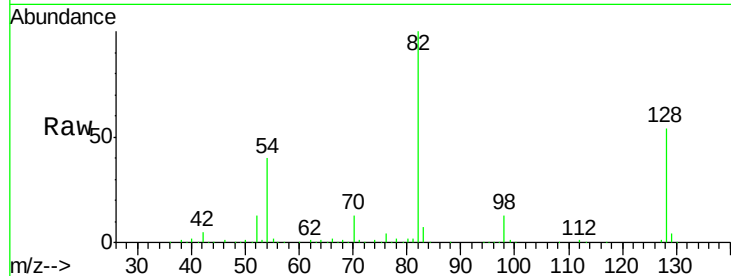




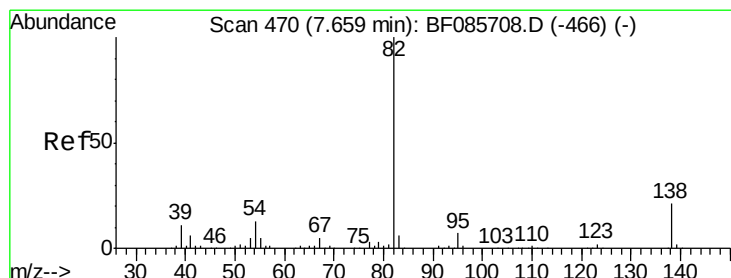
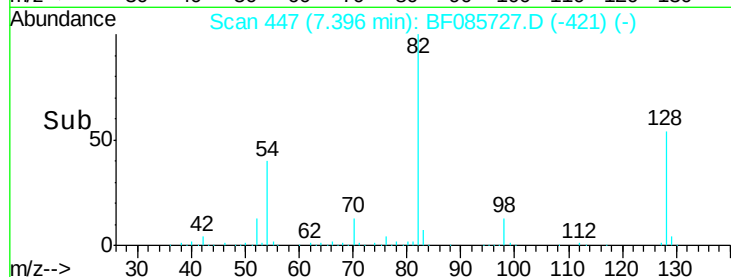
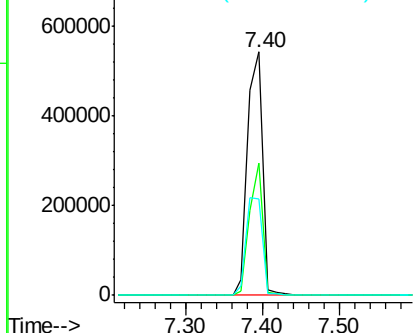
#23
 Nitrobenzene-d5
 Concen: 100.01 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085727.D
 Acq: 24 Mar 2016 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1

Tgt Ion: 82 Resp: 730695
 Ion Ratio Lower Upper
 82 100
 128 54.3 41.8 62.8
 54 39.6 33.4 50.0

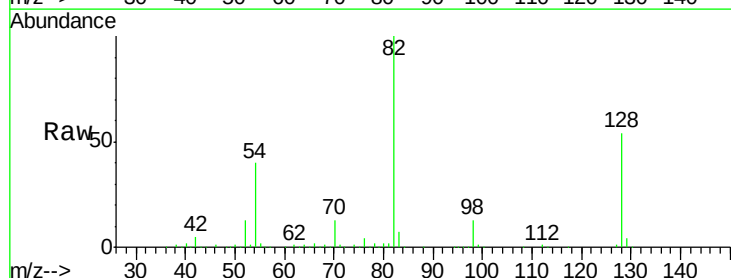


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

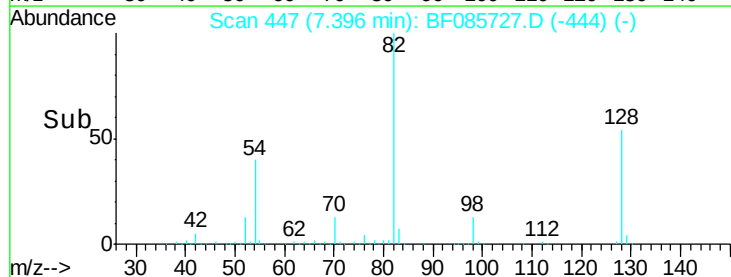
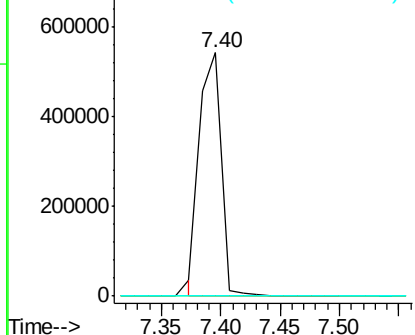


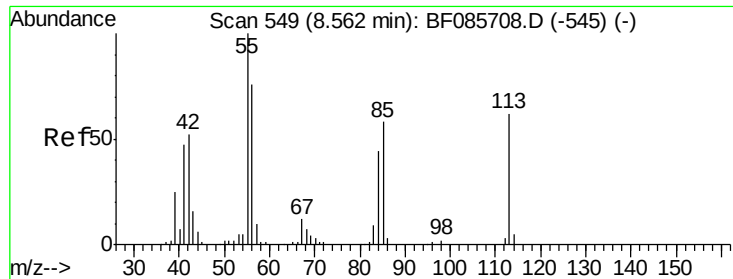
#25
 Isophorone
 Concen: 49.68 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.26 min
 Lab File: BF085727.D
 Acq: 24 Mar 2016 21:37

Tgt Ion: 82 Resp: 699283
 Ion Ratio Lower Upper
 82 100
 95 0.1 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





#35

Caprolactam

Concen: 2.02 ng

RT: 8.58 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

Instrument :

BNA_F

ClientSampled :

PZ-1

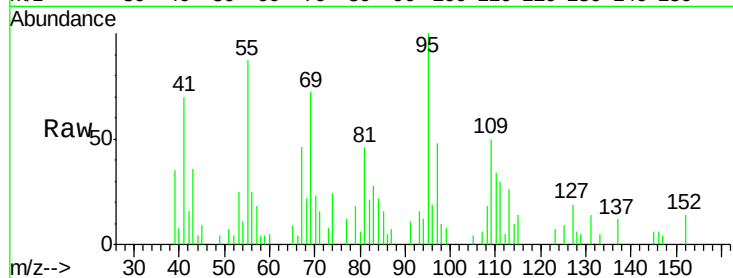
Tgt Ion:113 Resp: 3964

Ion Ratio Lower Upper

113 100

55 333.0 139.4 179.4#

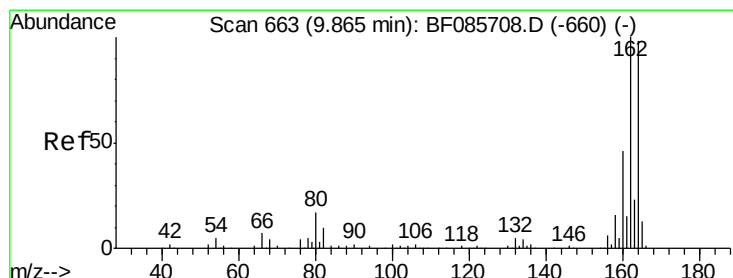
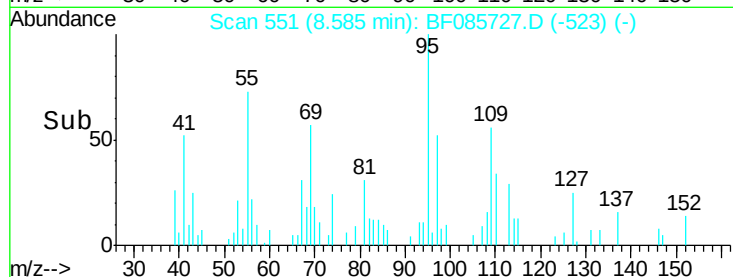
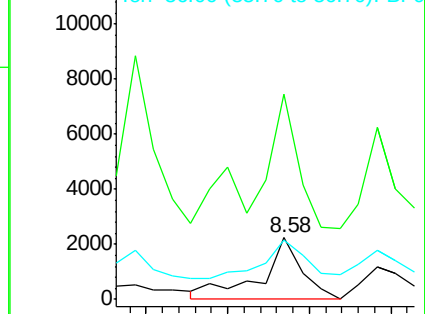
56 96.9 100.4 140.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

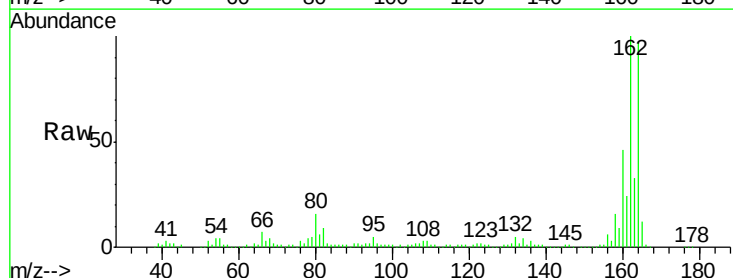
Tgt Ion:164 Resp: 201214

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

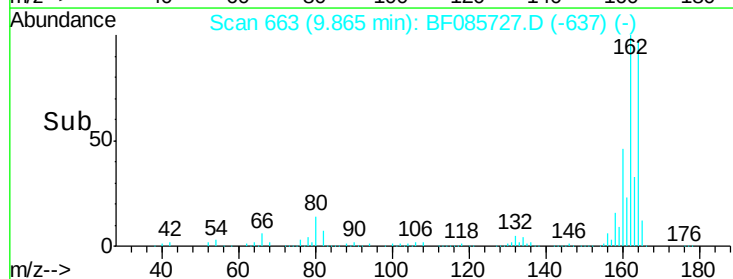
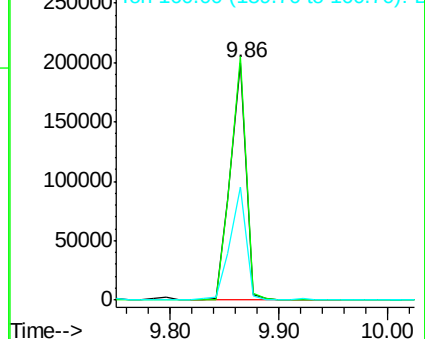
160 47.6 37.4 56.2

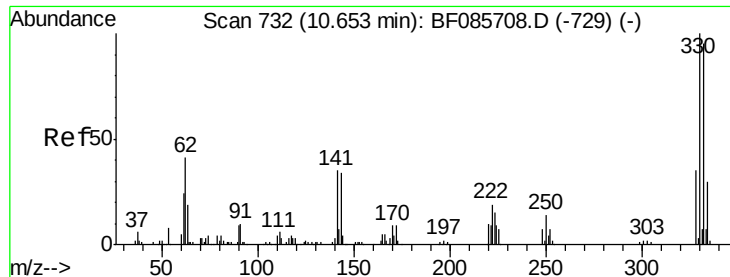


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

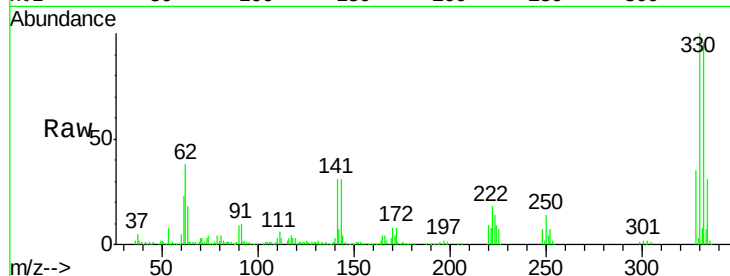




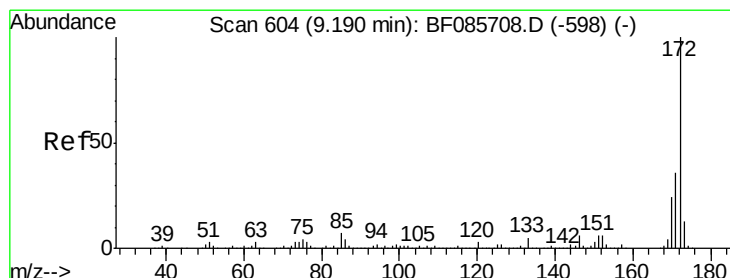
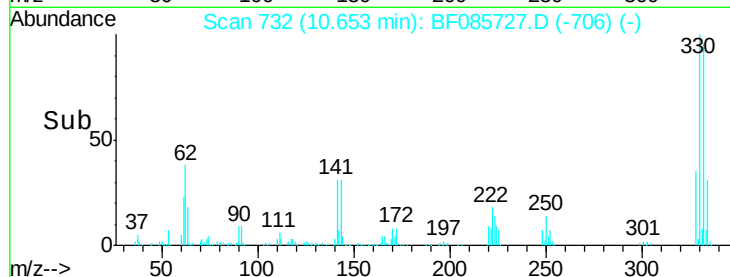
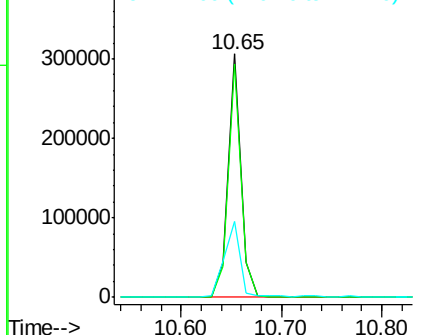
#41
 2,4,6-Tribromophenol
 Concen: 143.34 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085727.D
 Acq: 24 Mar 2016 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	37.0	31.5	47.3

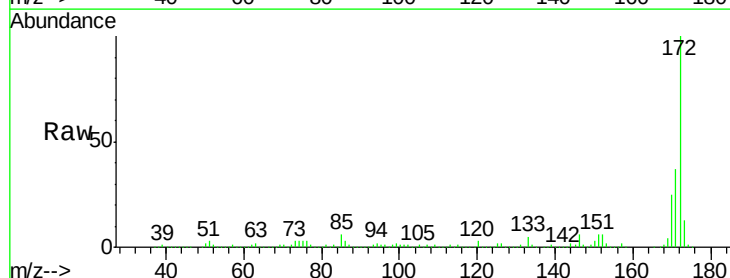


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

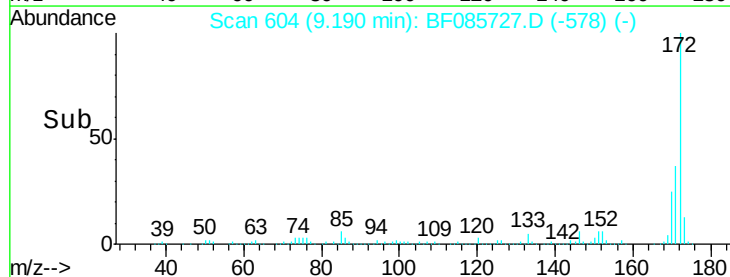
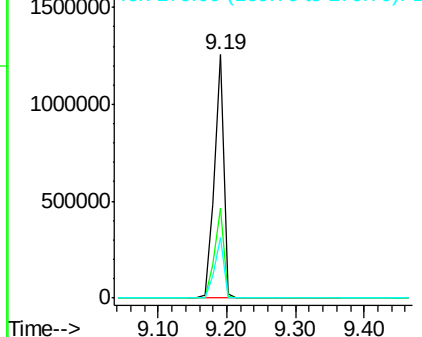


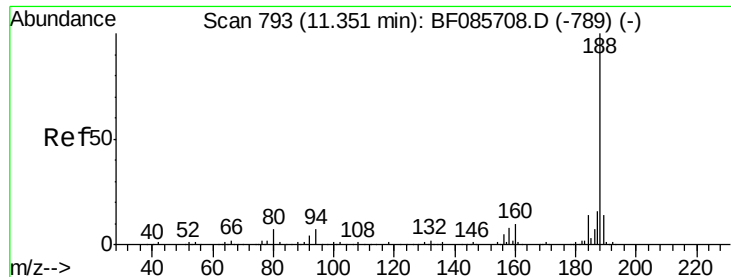
#44
 2-Fluorobiphenyl
 Concen: 101.91 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085727.D
 Acq: 24 Mar 2016 21:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

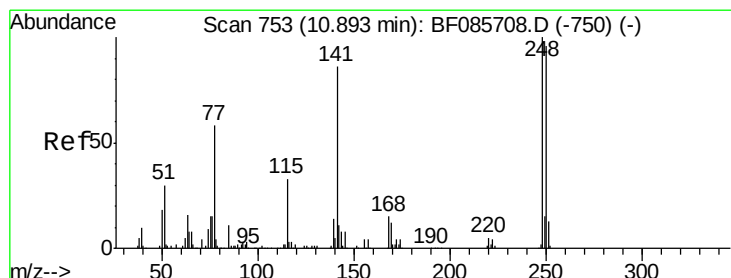
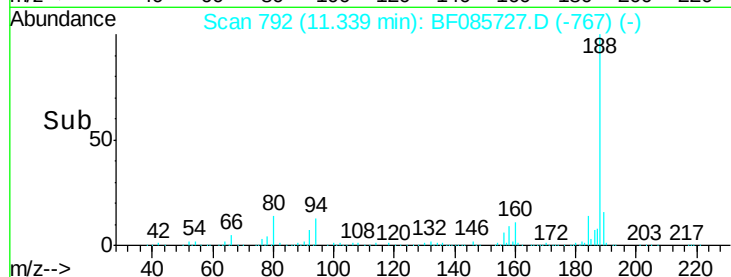
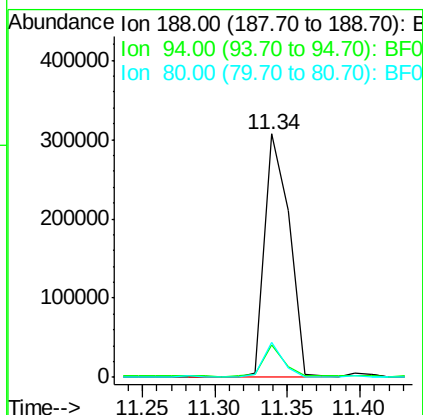
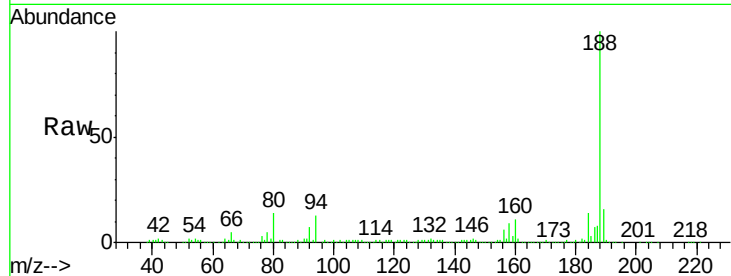




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085727.D
Acq: 24 Mar 2016 21:37

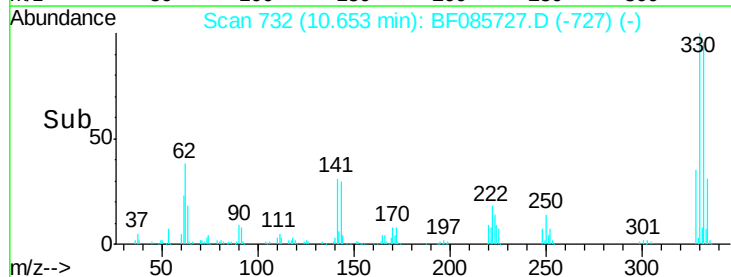
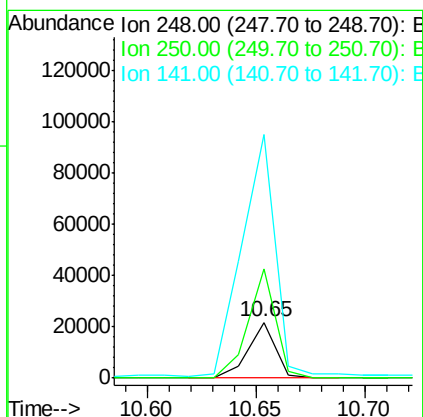
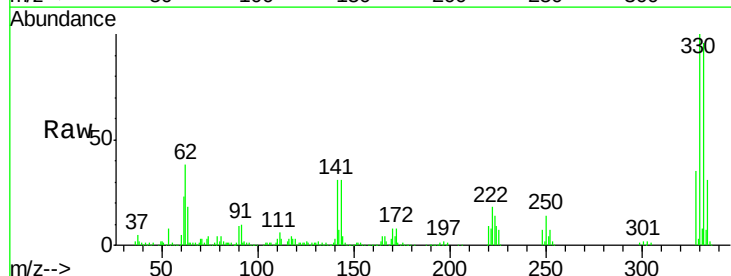
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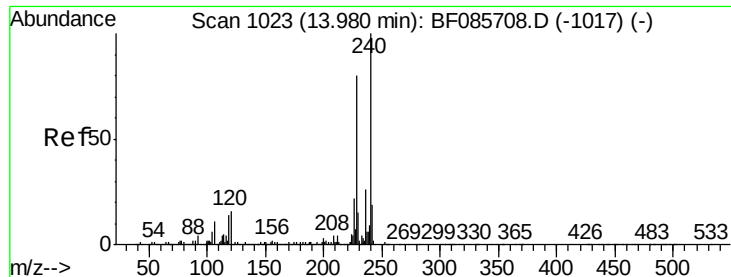
Tgt Ion:188 Resp: 363750
Ion Ratio Lower Upper
188 100
94 13.1 5.4 8.0#
80 14.3 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085727.D
Acq: 24 Mar 2016 21:37

Tgt Ion:248 Resp: 19184
Ion Ratio Lower Upper
248 100
250 195.5 77.4 116.0#
141 434.1 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

Instrument :

BNA_F

ClientSampleId :

PZ-1

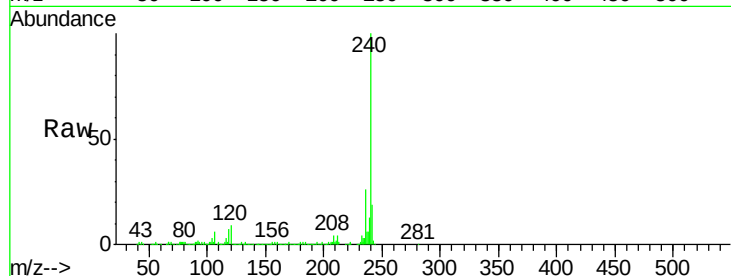
Tgt Ion:240 Resp: 225577

Ion Ratio Lower Upper

240 100

120 8.8 13.8 20.8#

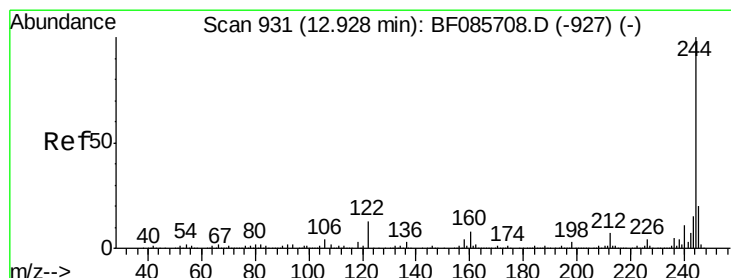
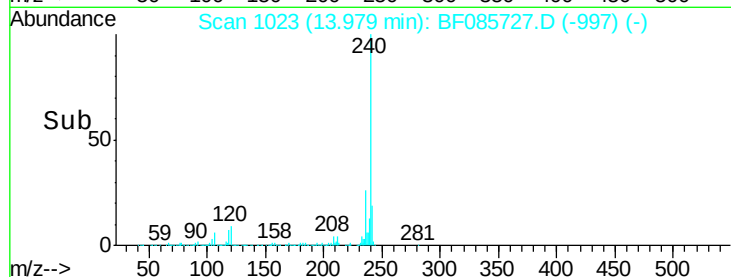
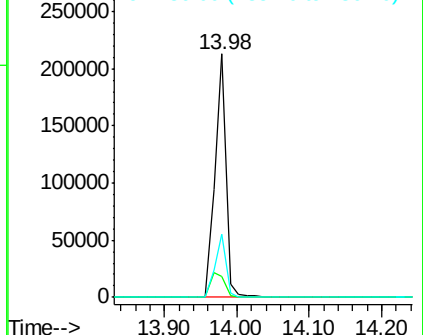
236 26.1 20.6 30.8



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: 83.32 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085727.D

Acq: 24 Mar 2016 21:37

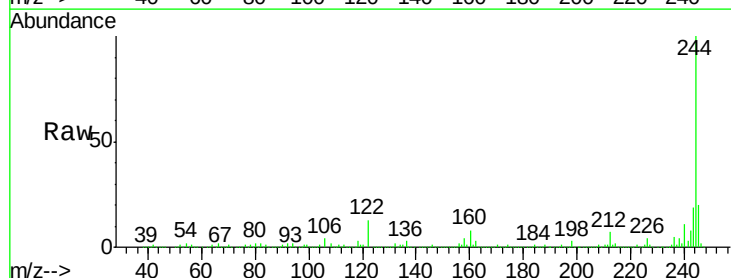
Tgt Ion:244 Resp: 913856

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

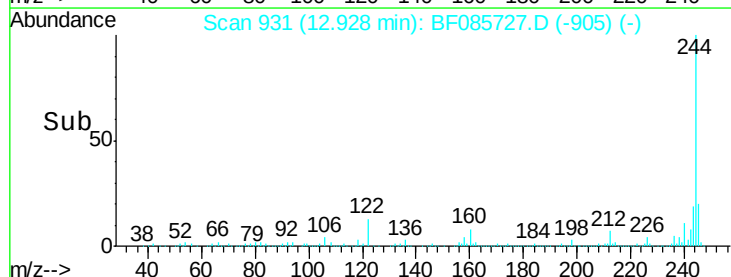
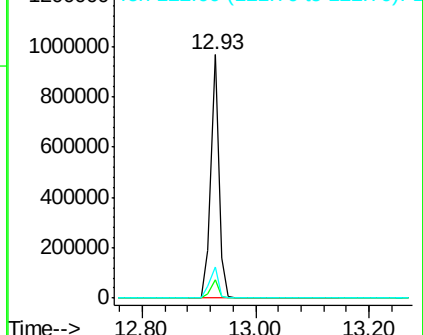
122 12.8 10.2 15.4

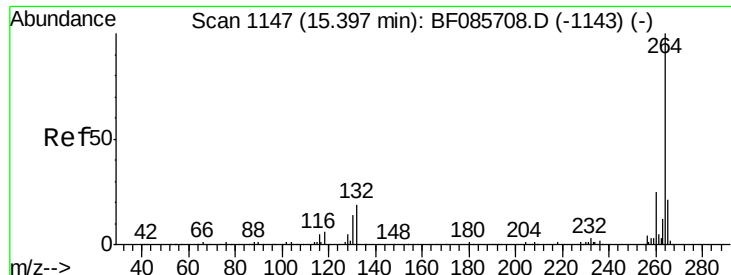


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

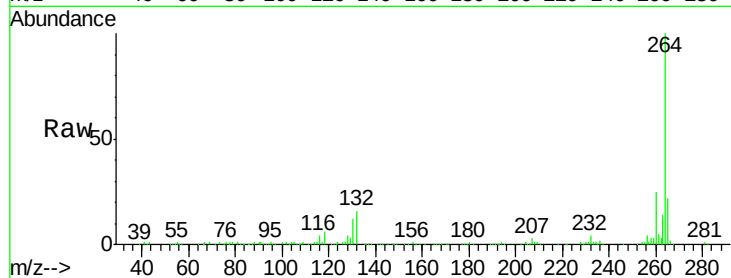




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085727.D
Acq: 24 Mar 2016 21:37

Instrument :
BNA_F
ClientSampleId :
PZ-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.7	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

