

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085022.D
 Acq On : 11 Feb 2016 17:15
 Operator : SJ/IZ
 Sample : H1377-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-0-1

Quant Time: Feb 11 22:14:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

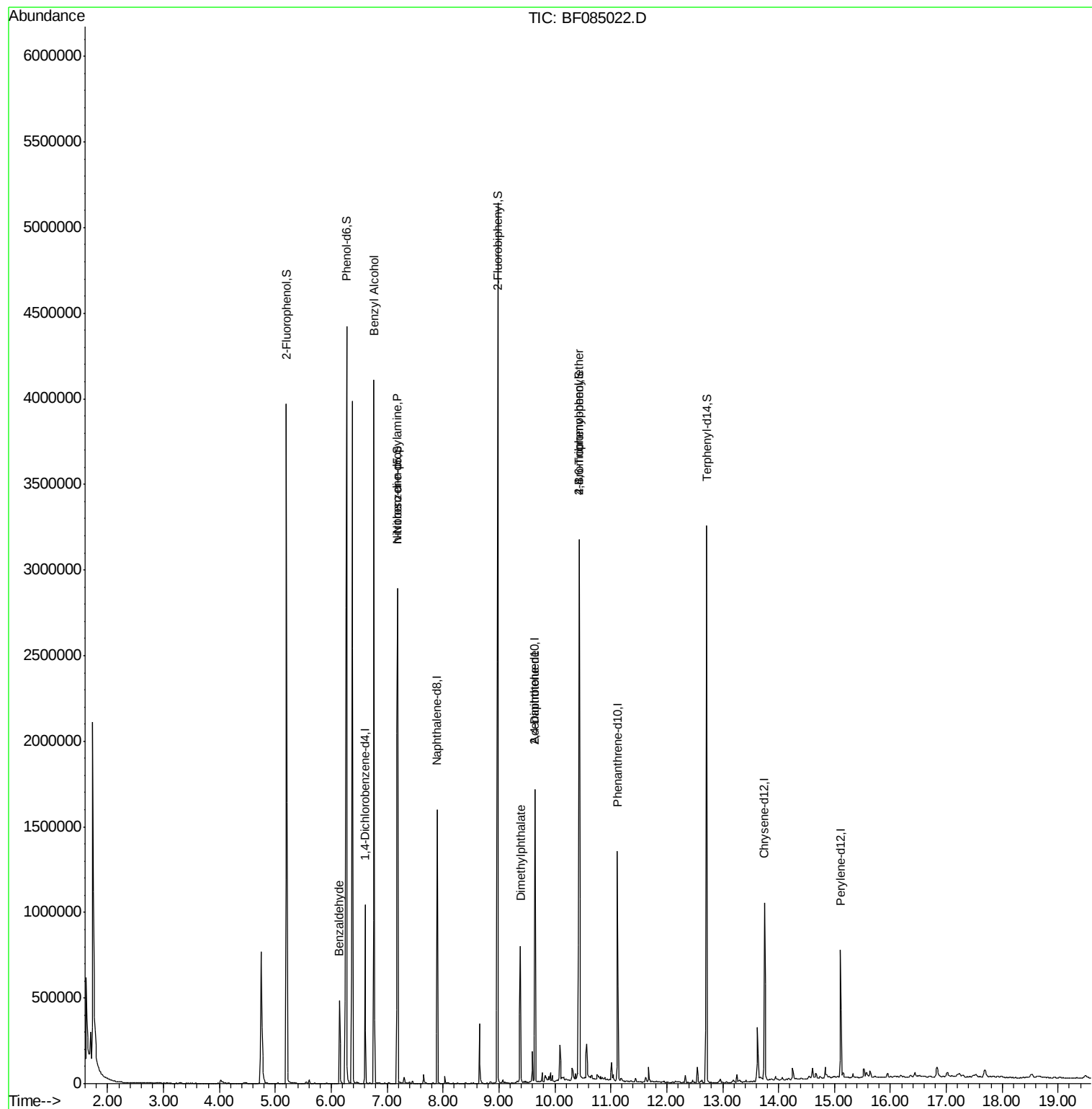
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	151973	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	683486	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	318224	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	538699	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	411420	20.00	ng	-0.02
86) Perylene-d12	15.11	264	326539	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1371287	140.55	ng	0.00
7) Phenol-d6	6.27	99	1823503	150.76	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1253515	103.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	445817	134.31	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1822019	104.39	ng	-0.01
78) Terphenyl-d14	12.72	244	1499598	82.60	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.15	77	106370	14.89	ng	Qvalue 94
15) Benzyl Alcohol	6.76	79	21862	2.62	ng	# 49
19) n-Nitroso-di-n-propylamine	7.19	70	171182	22.58	ng	# 77
49) Dimethylphthalate	9.38	163	387423	15.98	ng	# 91
56) 2,4-Dinitrotoluene	9.64	165	42870	6.35	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	26440	4.44	ng	# 1

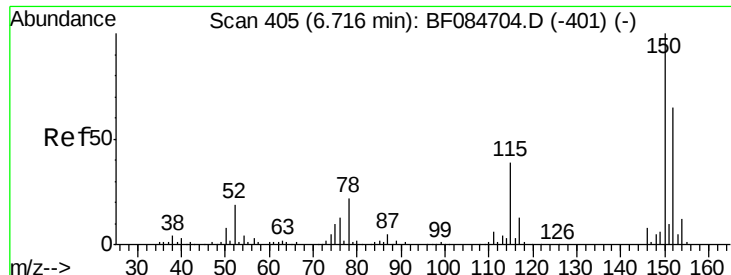
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

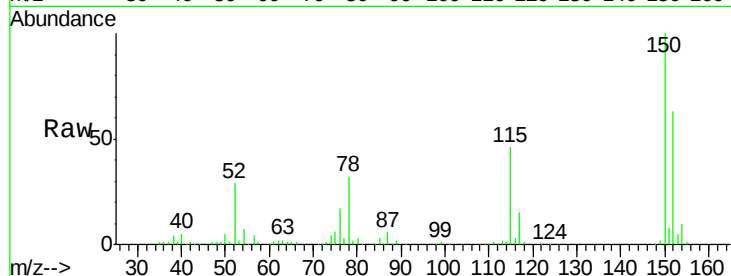
Tgt Ion:152 Resp: 151973

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

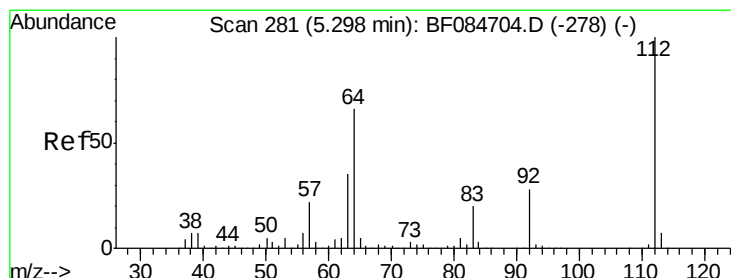
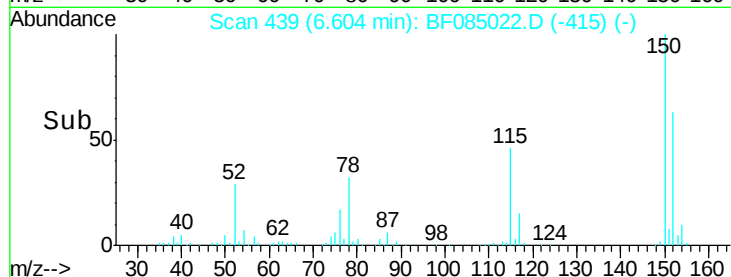
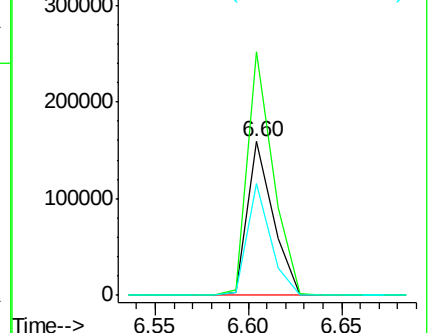
115 72.7 51.4 77.2



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: 140.55 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

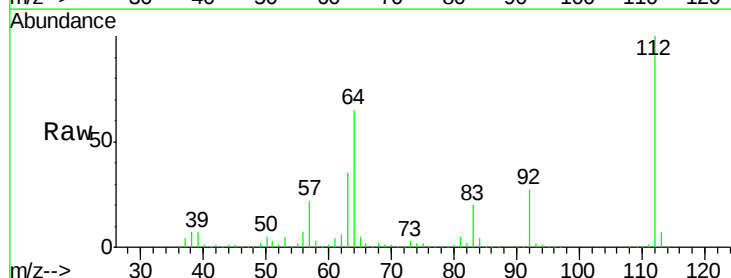
Tgt Ion:112 Resp: 1371287

Ion Ratio Lower Upper

112 100

64 65.2 36.6 55.0#

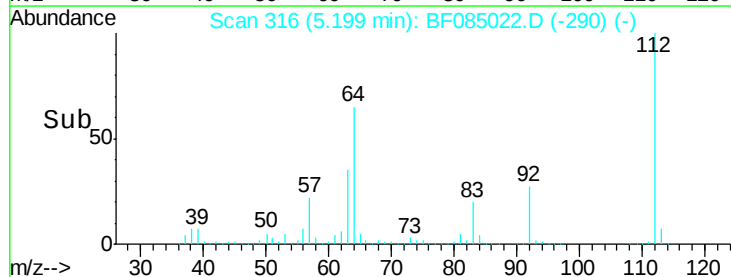
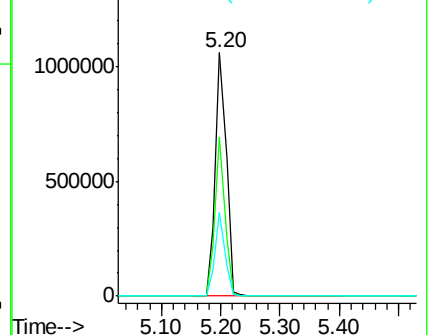
63 34.5 19.4 29.0#

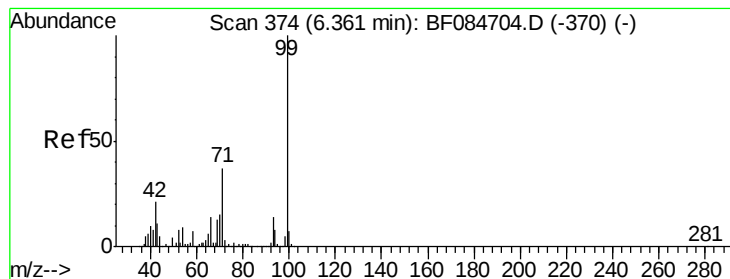


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.76 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

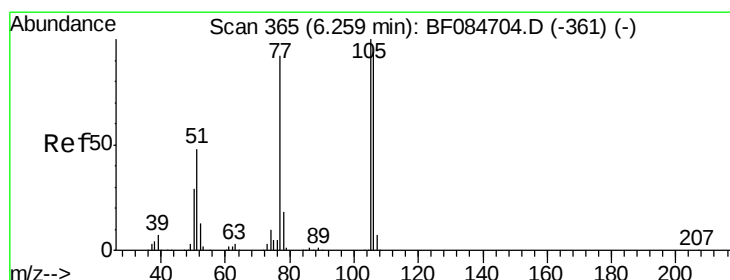
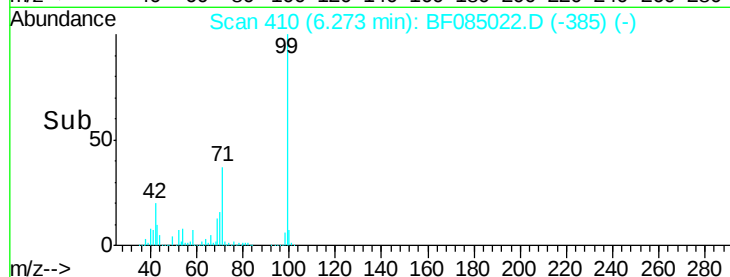
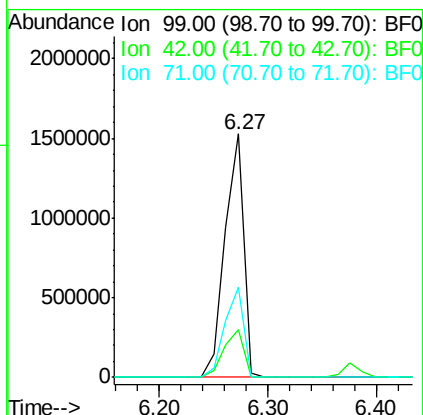
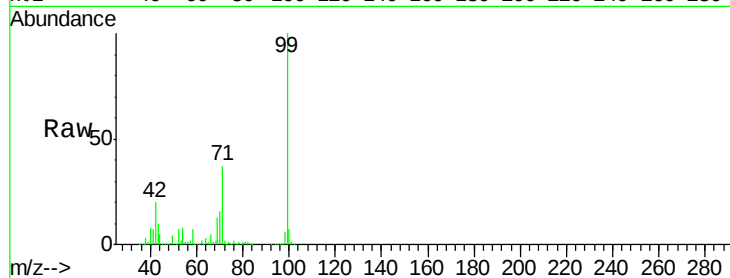
Tgt Ion: 99 Resp: 1823503

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

71 37.0 30.9 46.3



#9

Benzaldehyde

Concen: 14.89 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

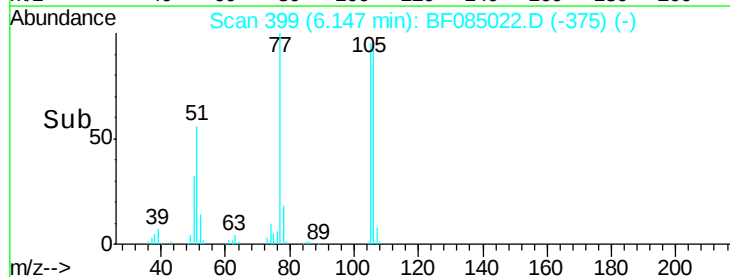
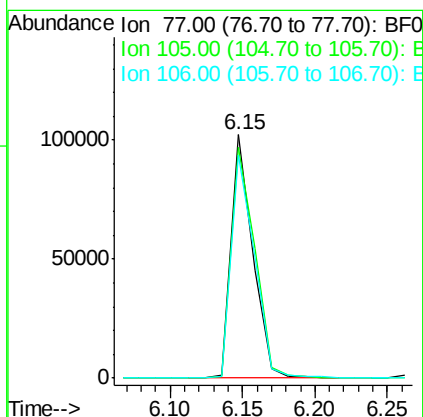
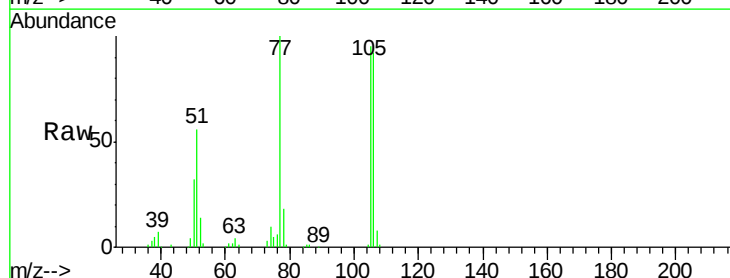
Tgt Ion: 77 Resp: 106370

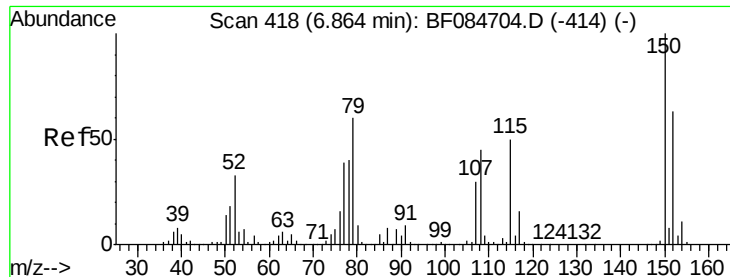
Ion Ratio Lower Upper

77 100

105 94.7 83.0 123.0

106 91.5 74.6 114.6





#15

Benzyl Alcohol

Concen: 2.62 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

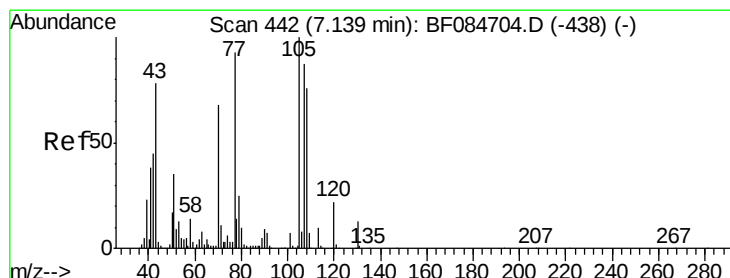
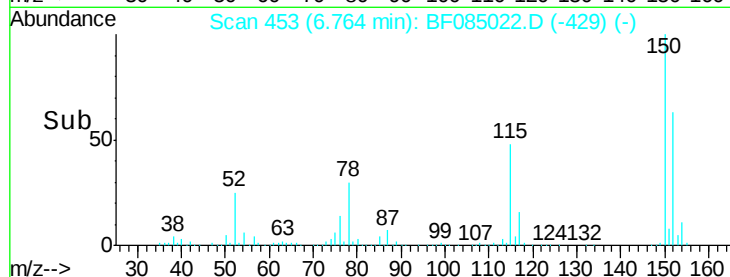
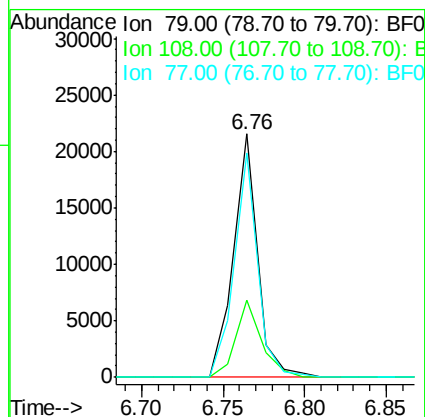
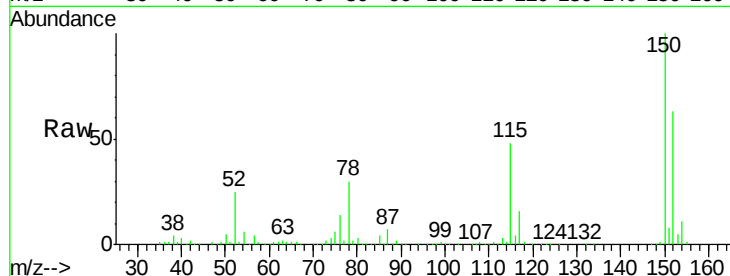
Tgt Ion: 79 Resp: 21862

Ion Ratio Lower Upper

79 100

108 31.7 69.0 103.4#

77 92.2 50.0 75.0#



#19

n-Nitroso-di-n-propylamine

Concen: 22.58 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.13 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

Tgt Ion: 70 Resp: 171182

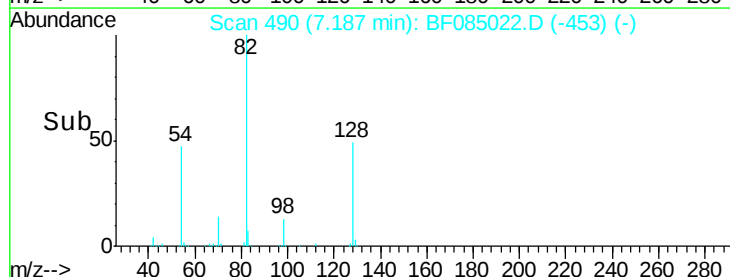
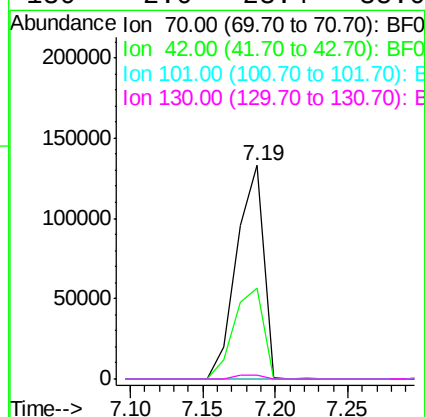
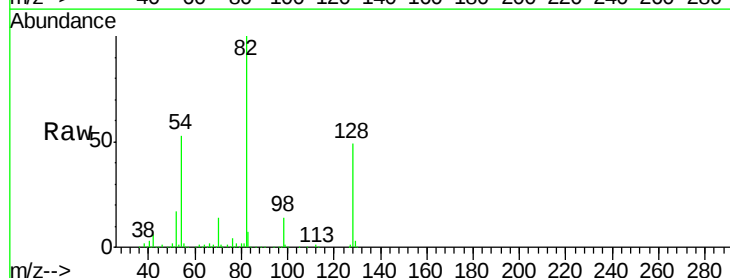
Ion Ratio Lower Upper

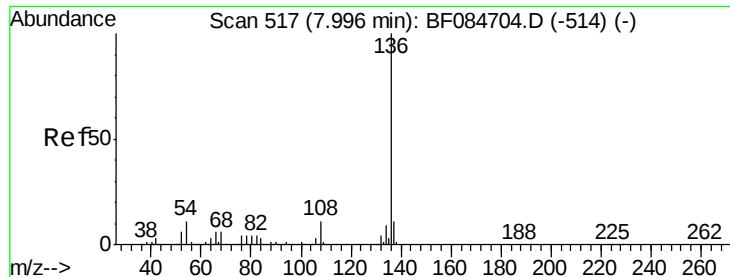
70 100

42 42.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

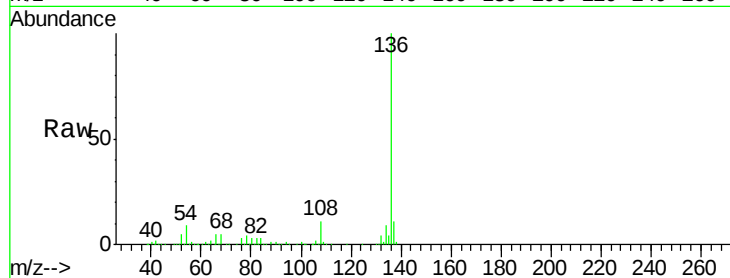




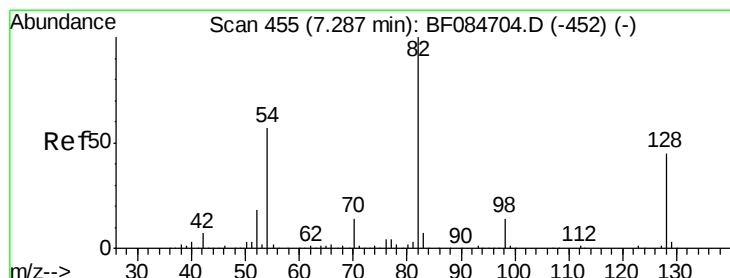
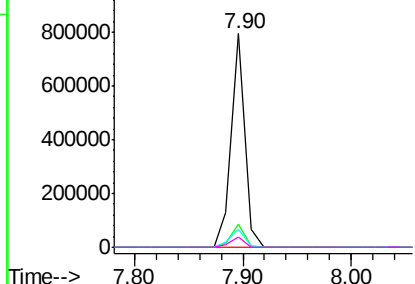
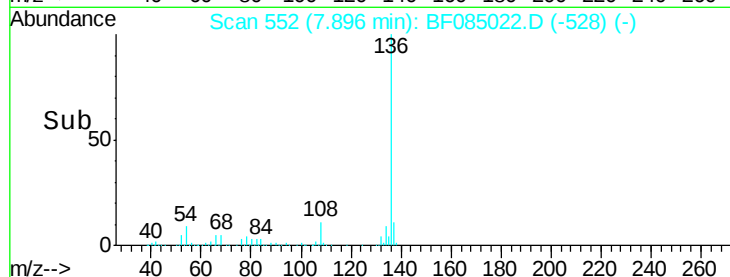
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085022.D
Acq: 11 Feb 2016 17:15

Instrument :
BNA_F
ClientSampleId :
SB04-0-1

Tgt Ion:	136	Resp:	683486
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.5	5.8	8.8
68	5.0	4.2	6.2

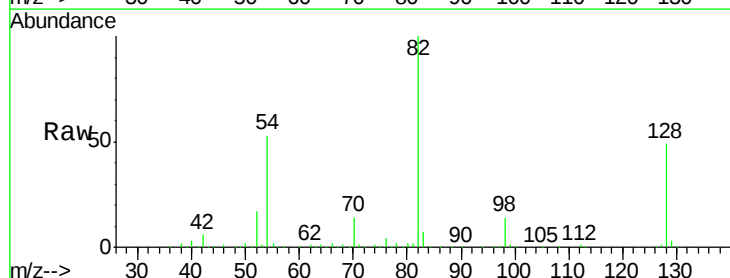


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

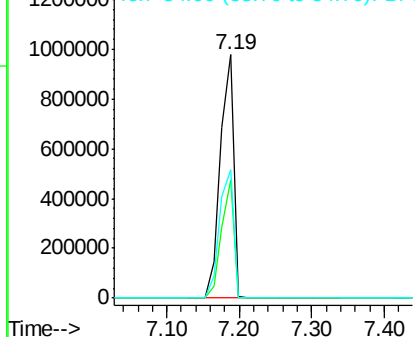
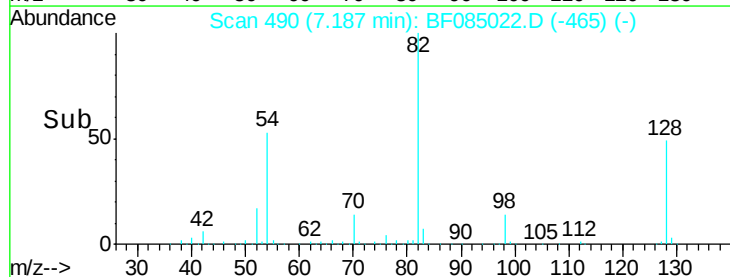


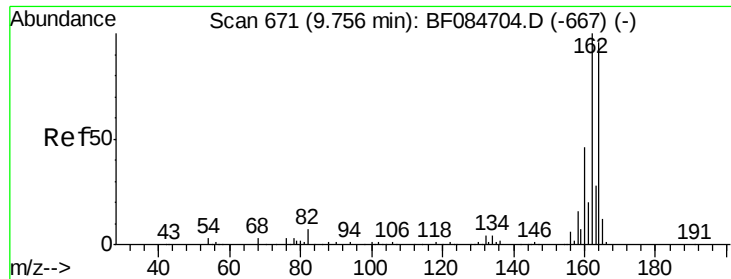
#23
Nitrobenzene-d5
Concen: 103.31 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085022.D
Acq: 11 Feb 2016 17:15

Tgt Ion:	82	Resp:	1253515
Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.6	51.8
54	52.6	38.4	57.6



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

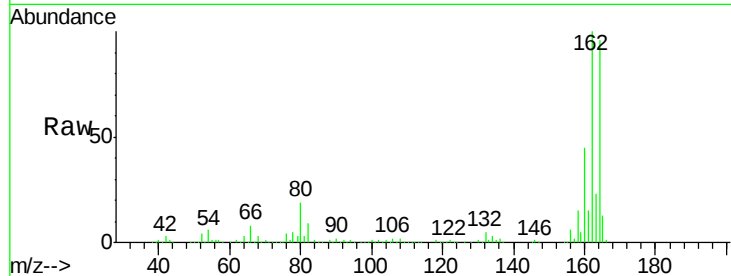
Tgt Ion:164 Resp: 318224

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

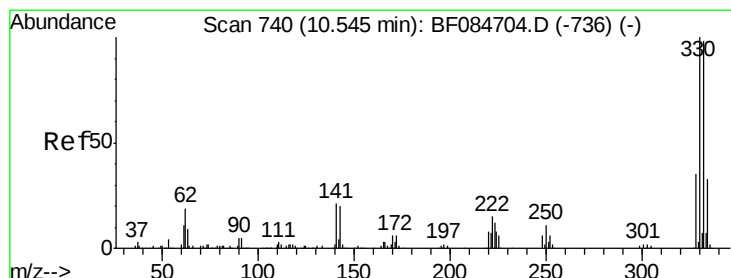
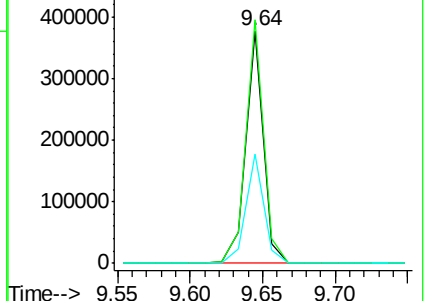
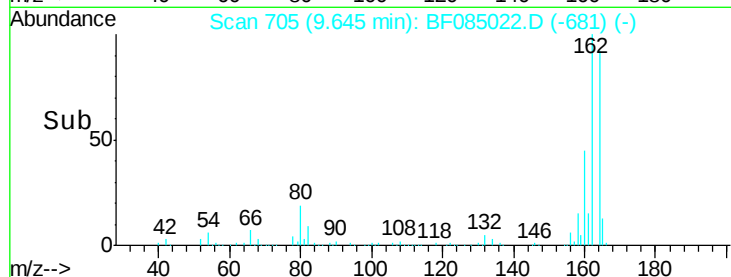
160 46.9 37.5 56.3



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: 134.31 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

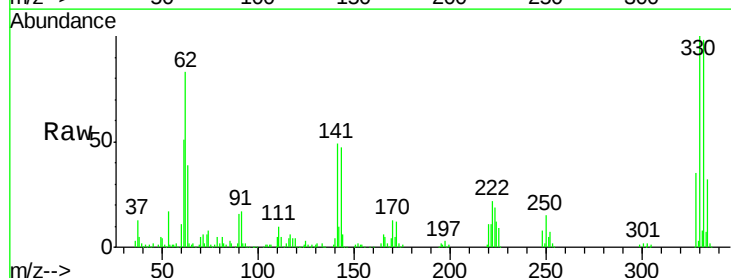
Tgt Ion:330 Resp: 445817

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

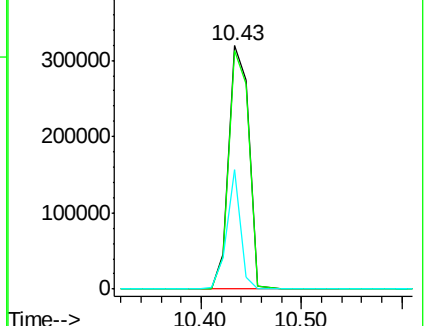
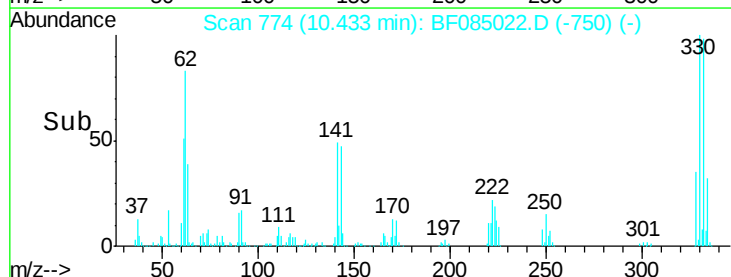
141 33.8 27.8 41.6

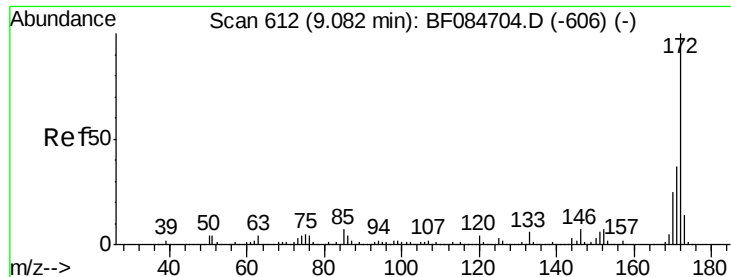


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

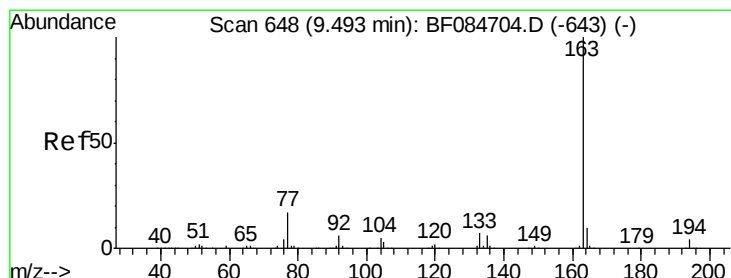
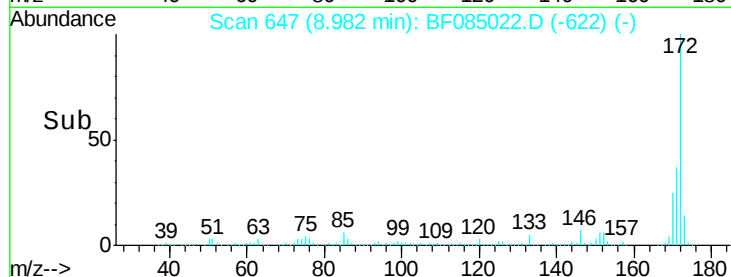
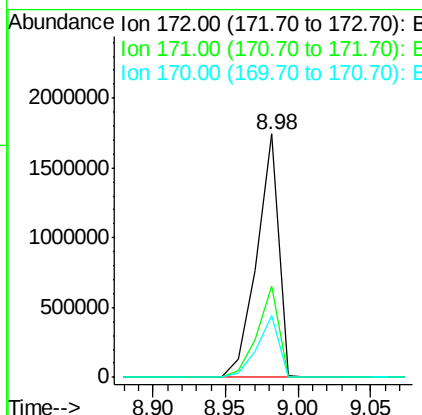
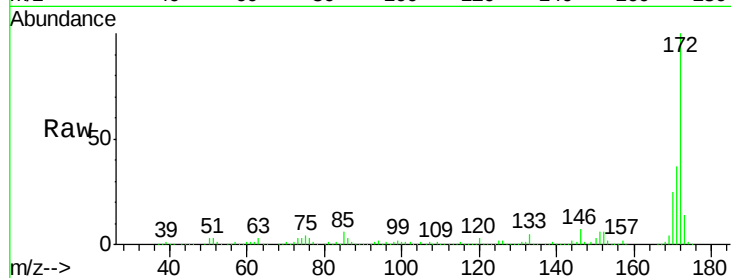




#44
 2-Fluorobiphenyl
 Concen: 104.39 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085022.D
 Acq: 11 Feb 2016 17:15

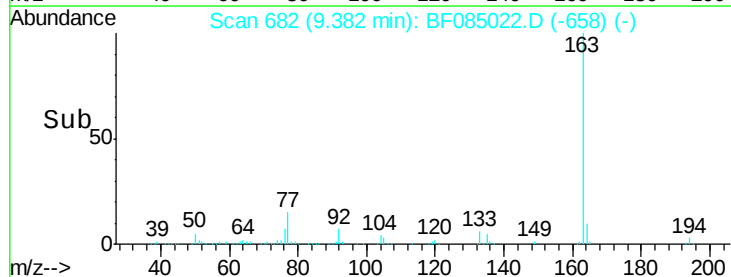
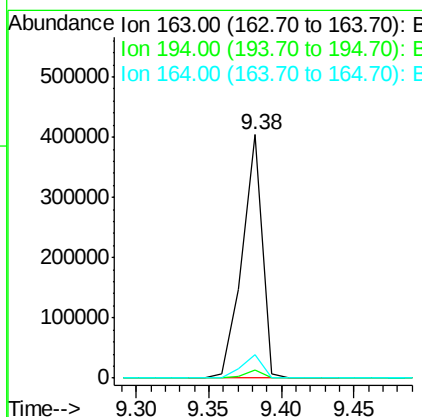
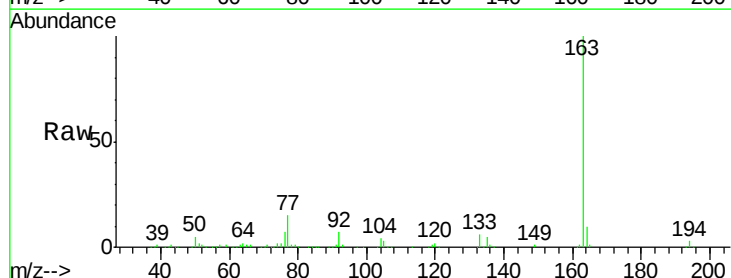
Instrument :
 BNA_F
 ClientSampleId :
 SB04-0-1

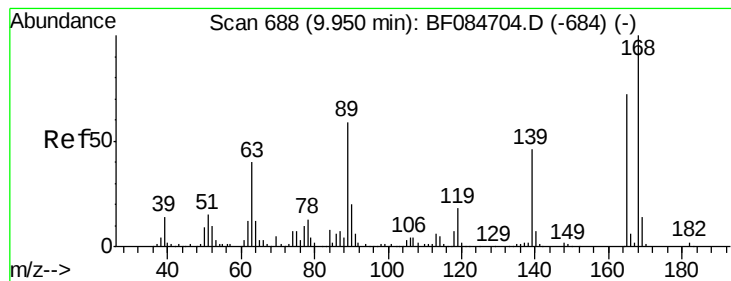
Tgt Ion:172 Resp: 1822019
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.9 43.3
 170 25.3 18.6 27.8



#49
 Dimethylphthalate
 Concen: 15.98 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF085022.D
 Acq: 11 Feb 2016 17:15

Tgt Ion:163 Resp: 387423
 Ion Ratio Lower Upper
 163 100
 194 3.4 8.0 12.0#
 164 9.7 8.0 12.0





#56

2,4-Dinitrotoluene

Concen: 6.35 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.23 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

Tgt Ion:165 Resp: 42870

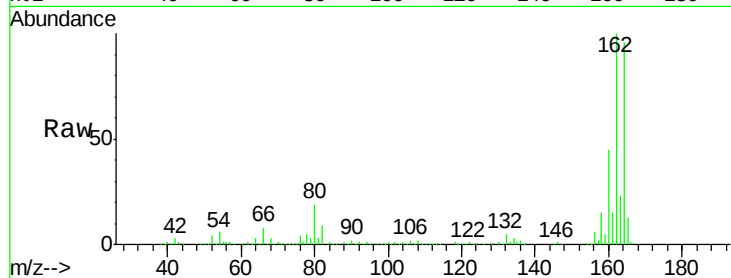
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

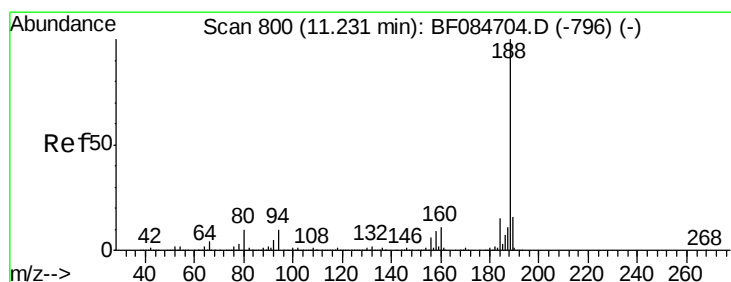
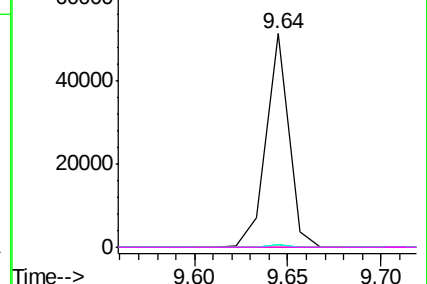
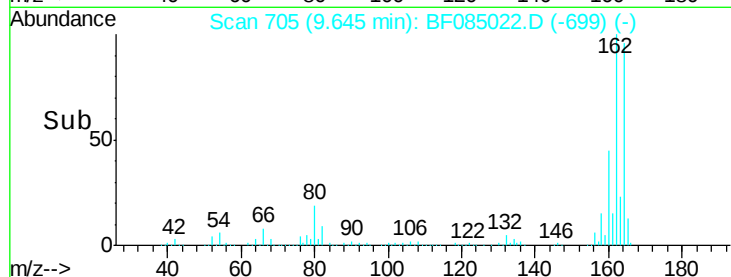


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF085022.D

Acq: 11 Feb 2016 17:15

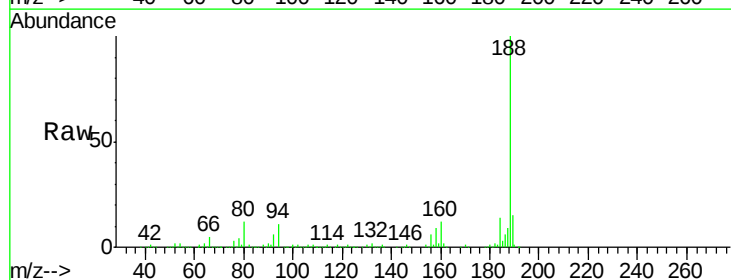
Tgt Ion:188 Resp: 538699

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.4

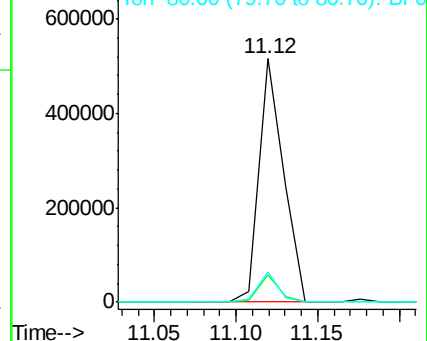
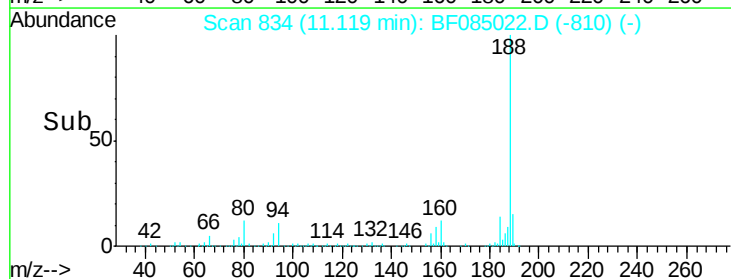
80 12.3 9.6 14.4

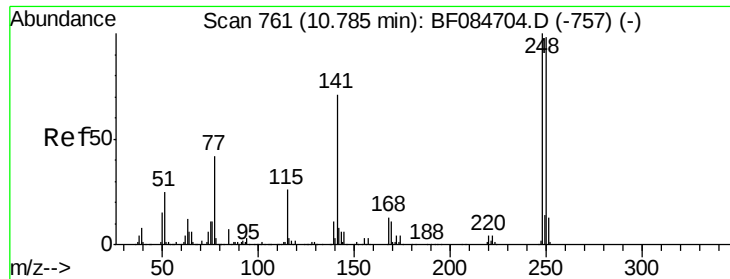


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

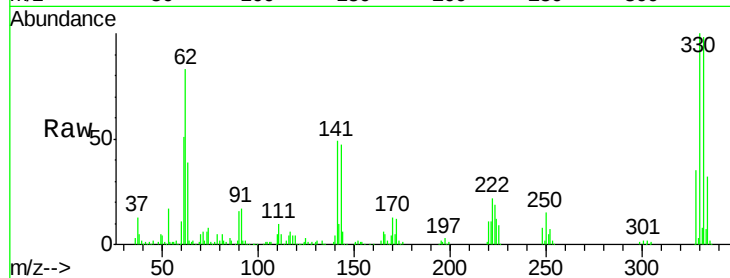




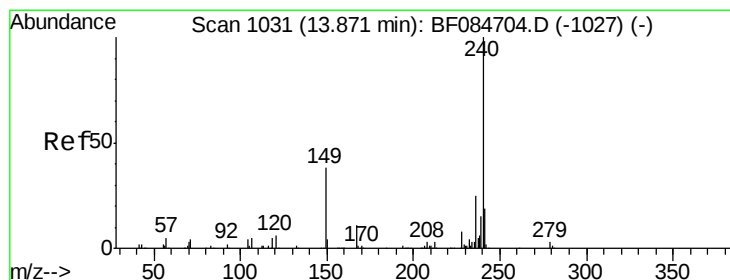
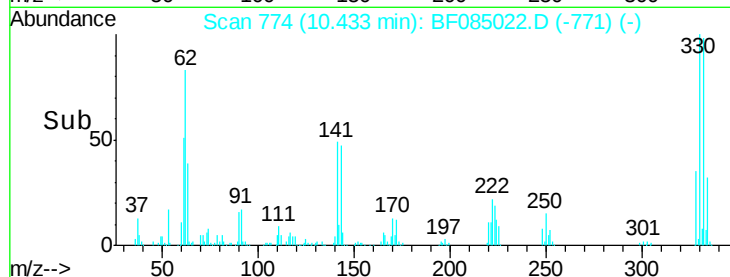
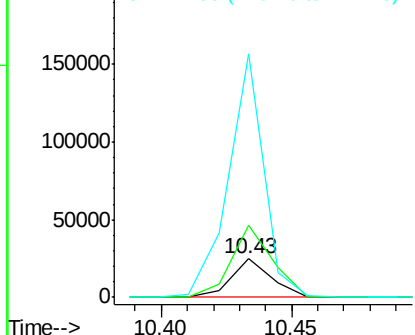
#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085022.D
Acq: 11 Feb 2016 17:15

Instrument :
BNA_F
ClientSampleId :
SB04-0-1

Tgt Ion:248 Resp: 26440
Ion Ratio Lower Upper
248 100
250 187.8 78.4 117.6#
141 634.0 44.0 66.0#

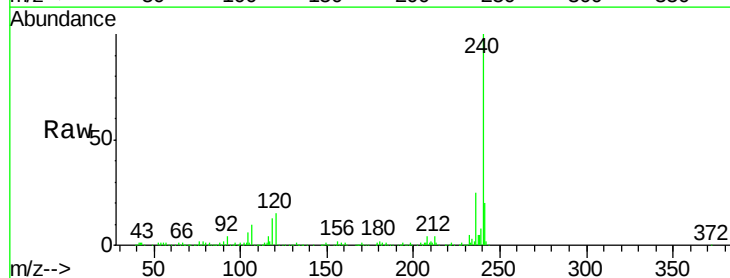


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

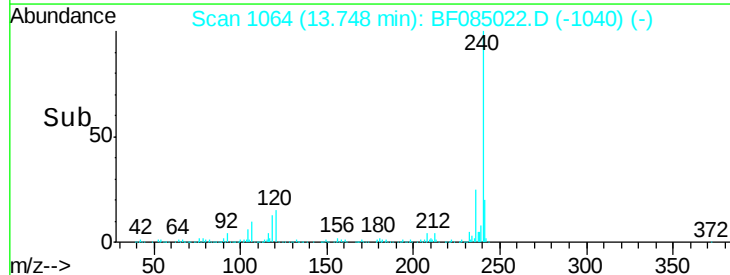
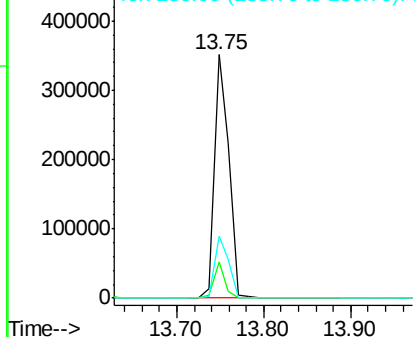


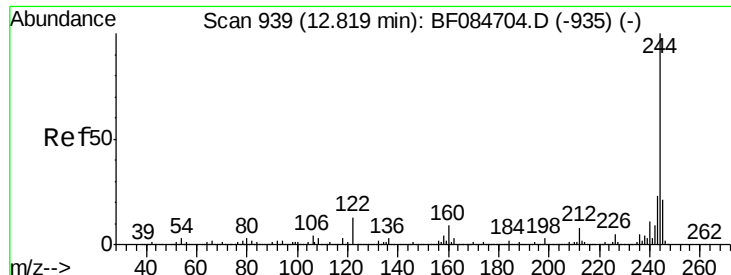
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085022.D
Acq: 11 Feb 2016 17:15

Tgt Ion:240 Resp: 411420
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 25.2 20.6 31.0



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

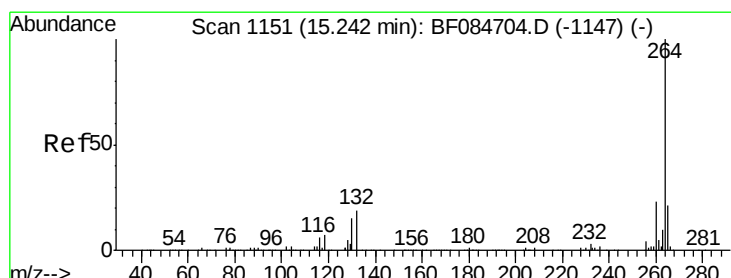
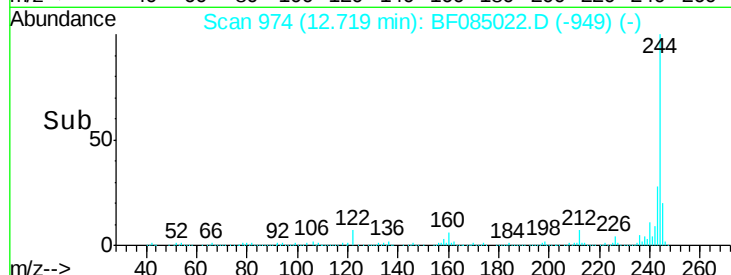
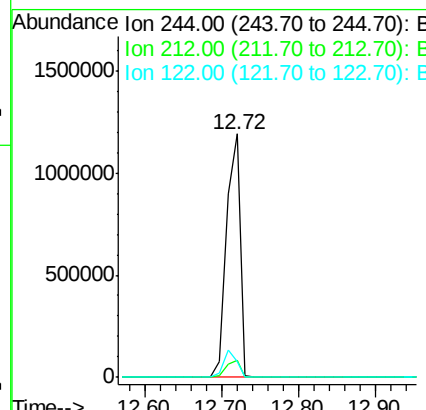
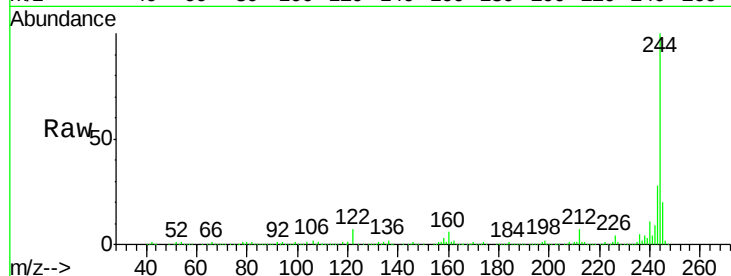




#78
 Terphenyl-d14
 Concen: 82.60 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF085022.D
 Acq: 11 Feb 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SB04-0-1

Tgt Ion:244 Resp: 1499598
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 6.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085022.D
 Acq: 11 Feb 2016 17:15

Tgt Ion:264 Resp: 326539
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.8 26.6

