

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085511.D
 Acq On : 18 Mar 2016 00:37
 Operator : UM/SJ
 Sample : H1774-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Quant Time: Mar 18 02:04:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

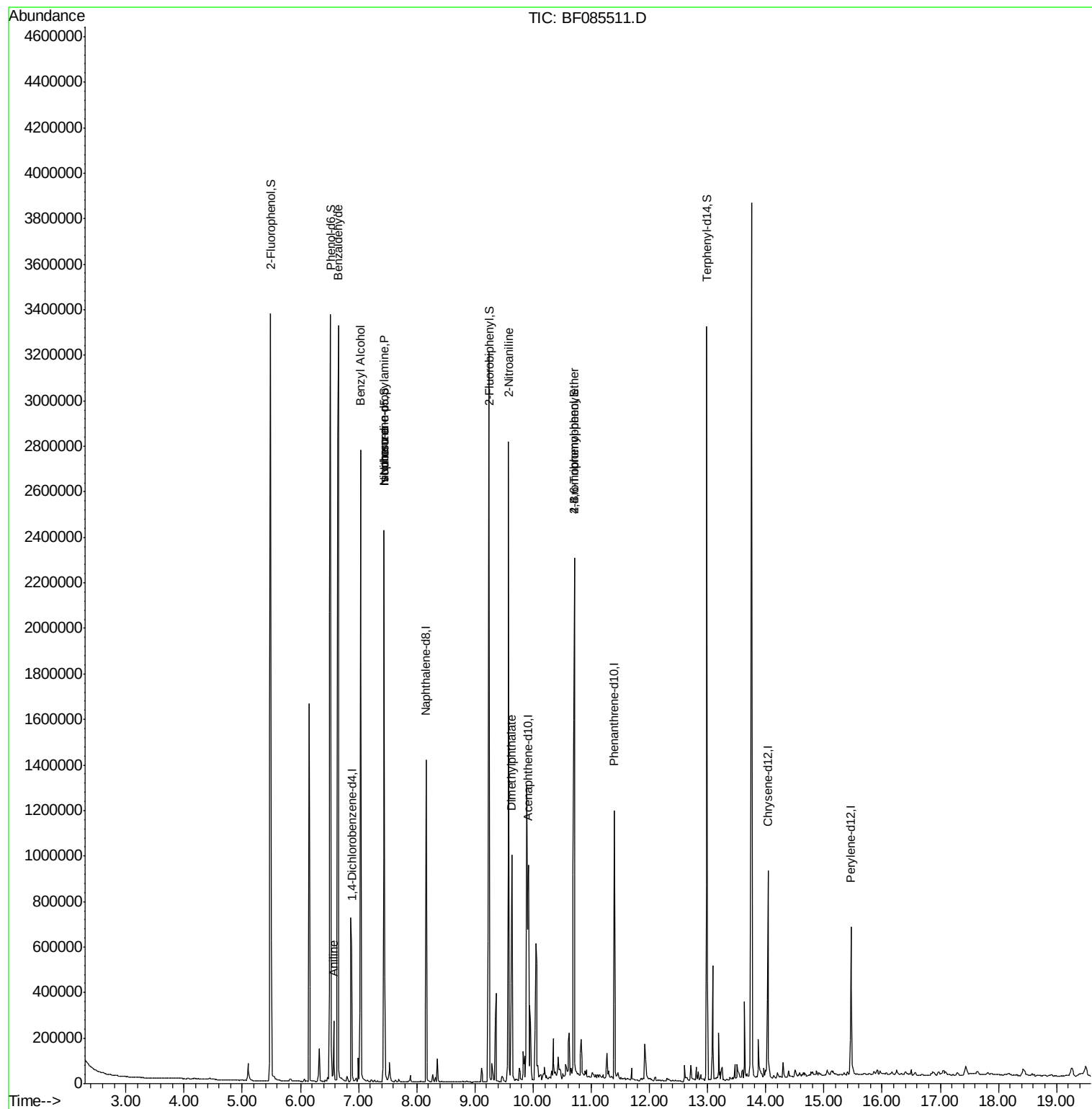
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	157219	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	633744	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	264896	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	431869	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	314058	20.00	ng	-0.05
86) Perylene-d12	15.47	264	304693	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1208211	132.10	ng	-0.02
7) Phenol-d6	6.52	99	1563037	131.75	ng	-0.03
23) Nitrobenzene-d5	7.44	82	970913	90.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	388175	159.10	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1580626	103.52	ng	-0.03
78) Terphenyl-d14	12.99	244	1029988	74.19	ng	-0.05
Target Compounds						
6) Aniline	6.57	93	57970	3.54	ng	# 49
9) Benzaldehyde	6.65	77	31611	4.77	ng	92
15) Benzyl Alcohol	7.03	79	22905	2.70	ng	# 50
19) n-Nitroso-di-n-propylamine	7.44	70	129580	18.24	ng	# 78
25) Isophorone	7.44	82	712160	32.58	ng	# 67
47) 2-Nitroaniline	9.58	65	32556	6.64	ng	# 1
49) Dimethylphthalate	9.64	163	441753	22.86	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	25150	5.75	ng	# 1

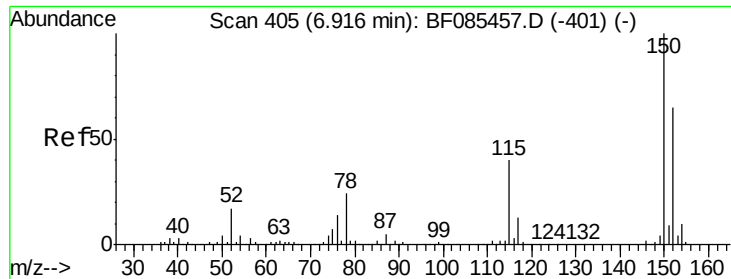
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 15 18:57:05 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF085511.D

Acq: 18 Mar 2016 00:37

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

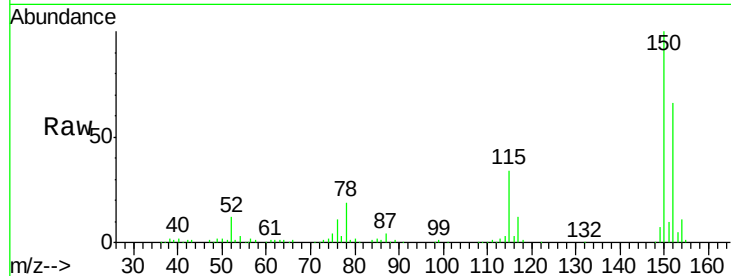
Tgt Ion:152 Resp: 157219

Ion Ratio Lower Upper

152 100

150 150.8 124.6 186.8

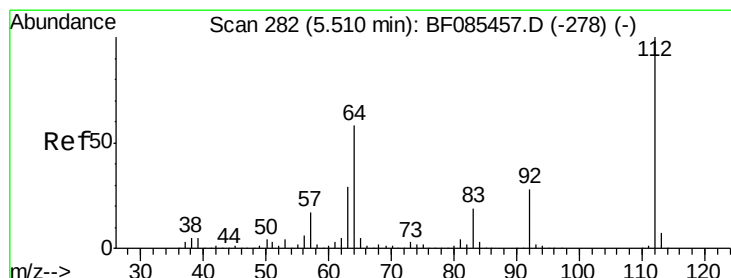
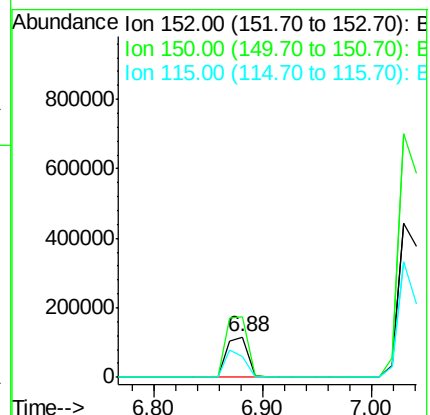
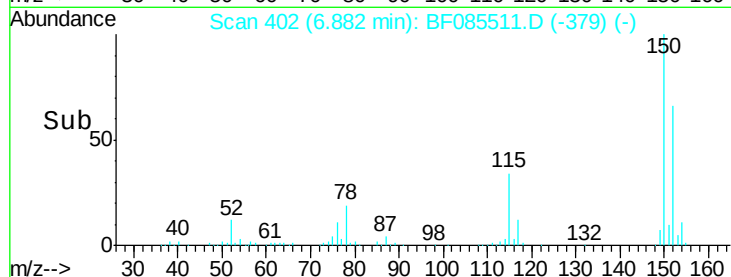
115 52.0 46.6 70.0



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: 132.10 ng

RT: 5.49 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF085511.D

Acq: 18 Mar 2016 00:37

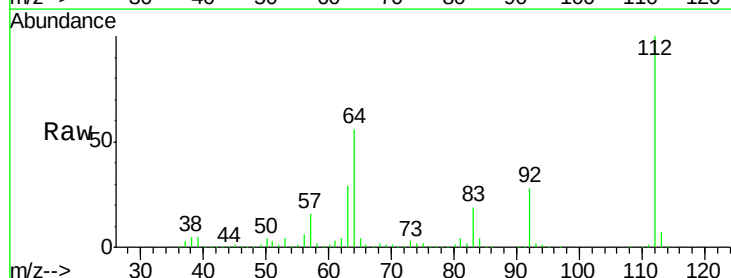
Tgt Ion:112 Resp: 1208211

Ion Ratio Lower Upper

112 100

64 55.5 49.0 73.4

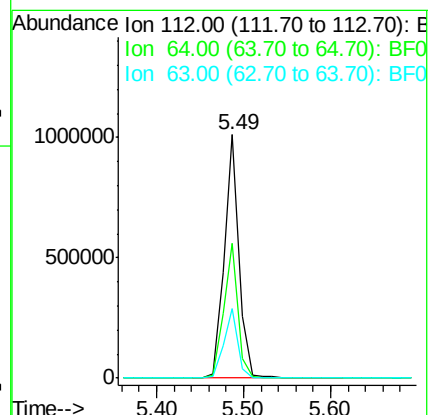
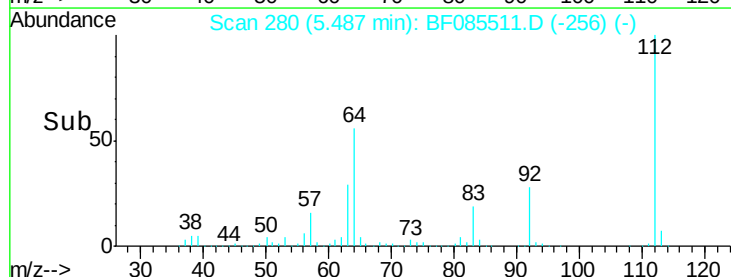
63 28.6 24.8 37.2

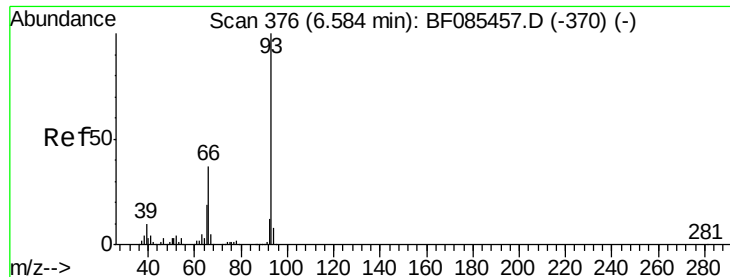


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 3.54 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF085511.D

Acq: 18 Mar 2016 00:37

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

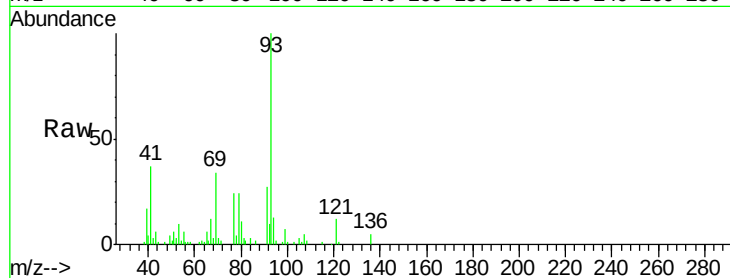
Tgt Ion: 93 Resp: 57970

Ion Ratio Lower Upper

93 100

66 2.3 31.6 47.4#

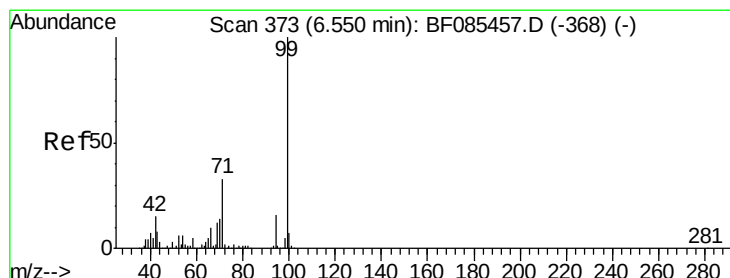
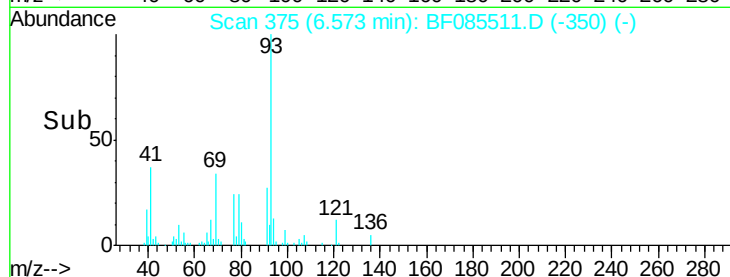
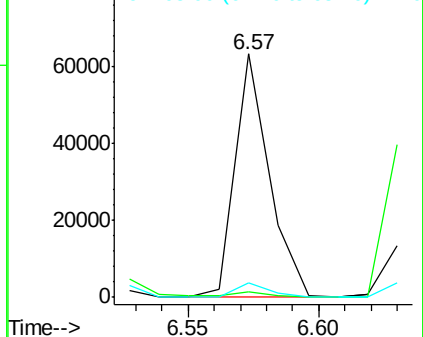
65 5.8 15.8 23.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 131.75 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085511.D

Acq: 18 Mar 2016 00:37

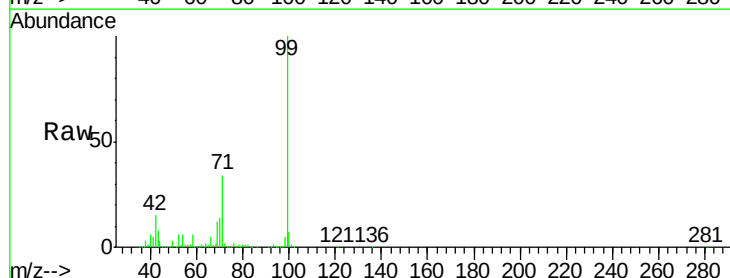
Tgt Ion: 99 Resp: 1563037

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

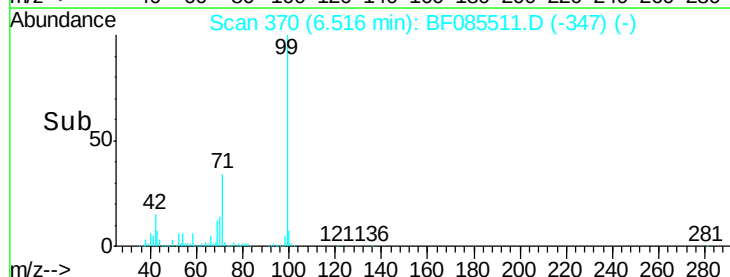
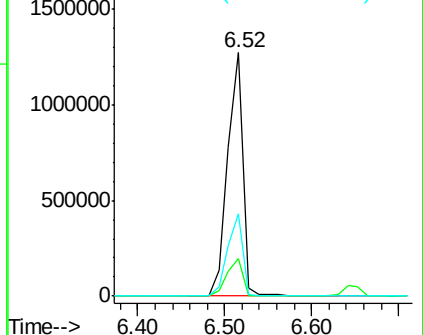
71 33.8 26.7 40.1

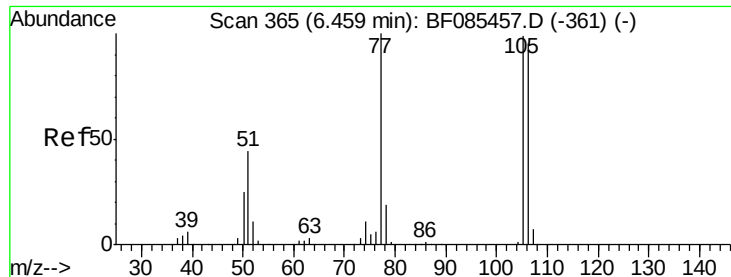


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 4.77 ng

RT: 6.65 min Scan# 382

Delta R.T. 0.20 min

Lab File: BF085511.D

Acq: 18 Mar 2016 00:37

Instrument :

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ClientSampleId :

SB-22-COMP

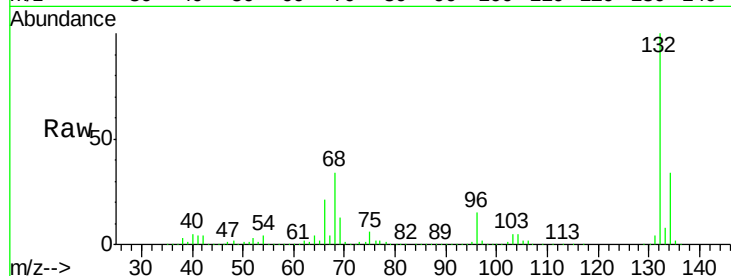
Tgt Ion: 77 Resp: 31611

Ion Ratio Lower Upper

77 100

105 90.4 78.2 118.2

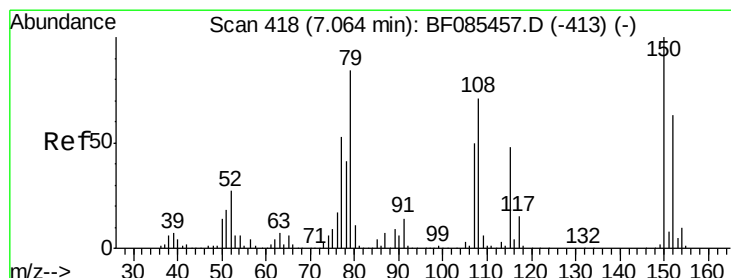
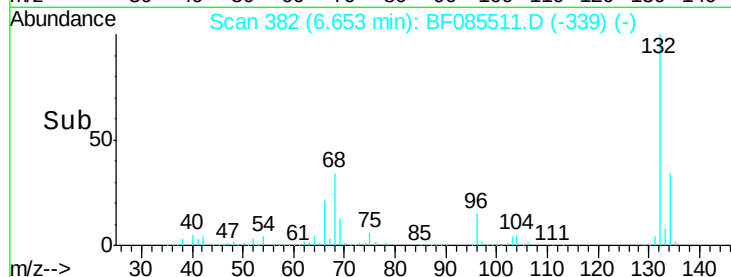
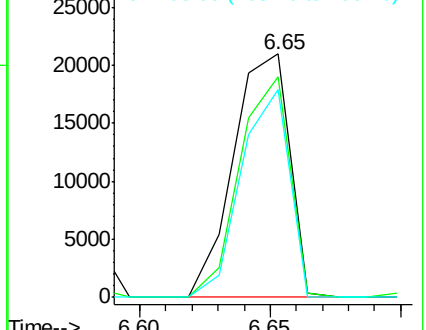
106 85.6 72.9 112.9



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



#15

Benzyl Alcohol

Concen: 2.70 ng

RT: 7.03 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF085511.D

Acq: 18 Mar 2016 00:37

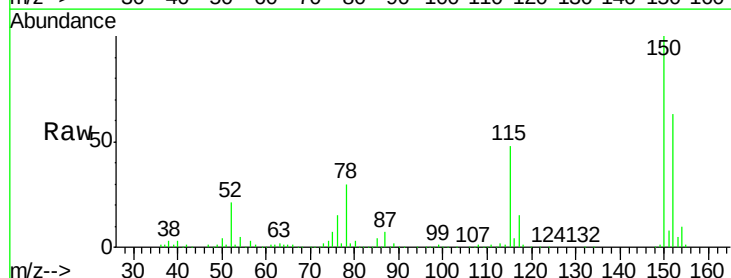
Tgt Ion: 79 Resp: 22905

Ion Ratio Lower Upper

79 100

108 31.8 62.9 94.3#

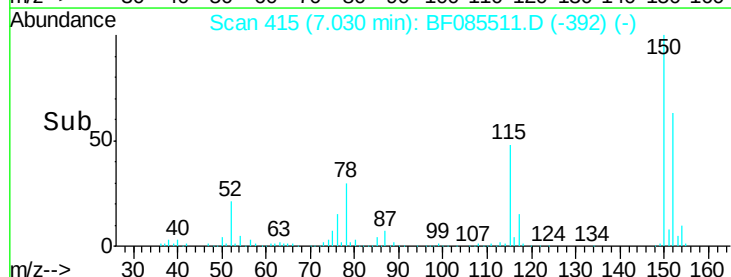
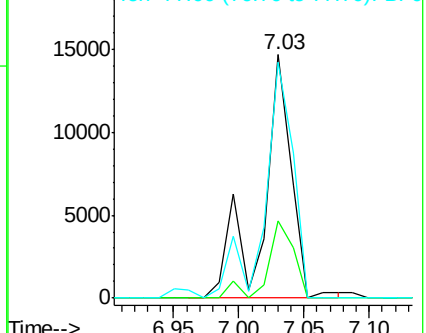
77 96.9 49.5 74.3#

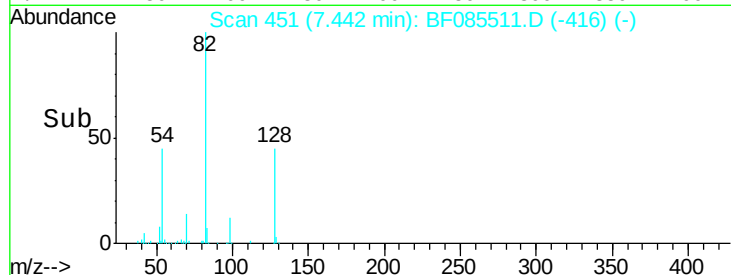
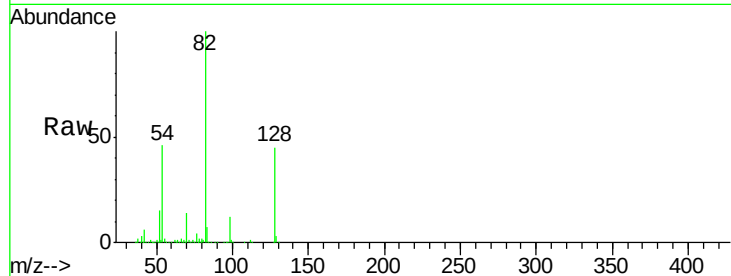
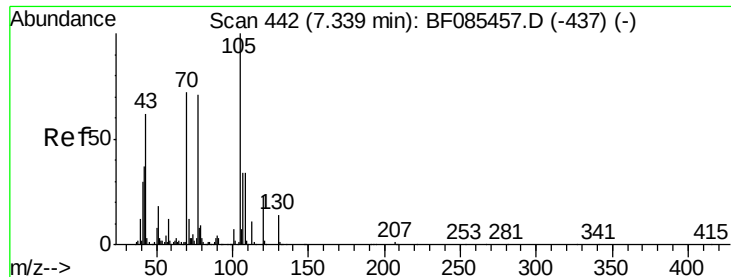


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

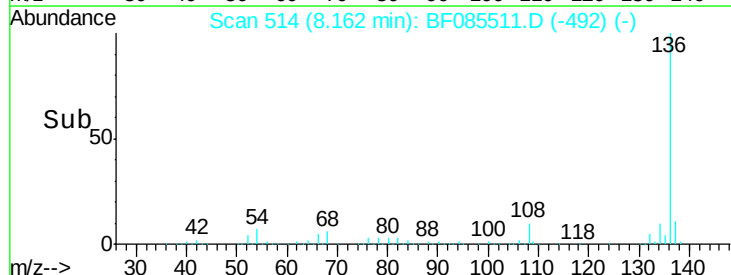
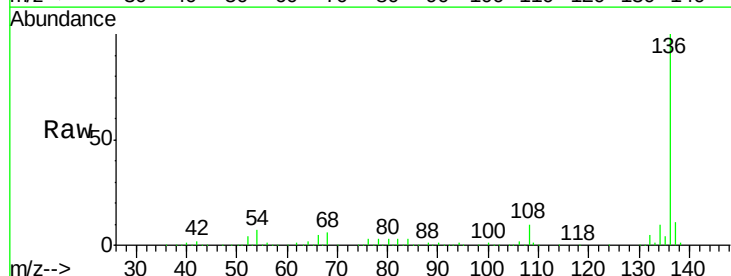
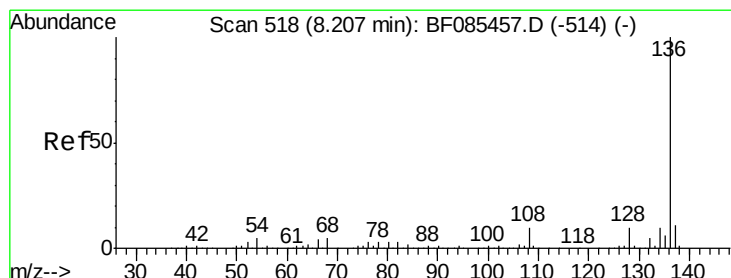
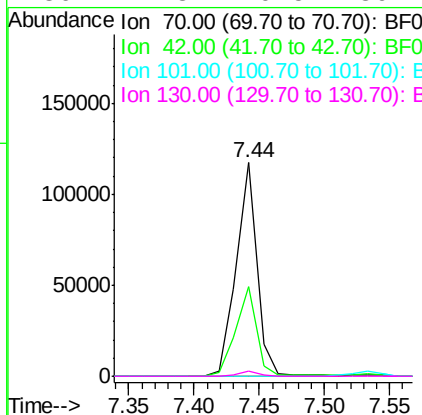




#19
n-Nitroso-di-n-propylamine
Concen: 18.24 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.10 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

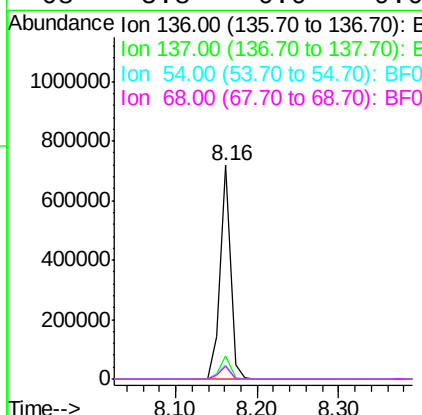
Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

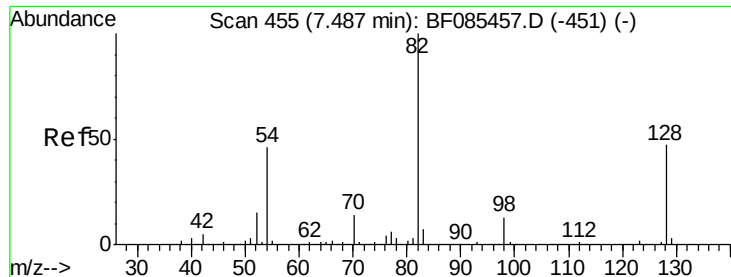
Tgt Ion: 70 Resp: 129580
Ion Ratio Lower Upper
70 100
42 41.8 37.7 56.5
101 0.0 8.2 12.4#
130 2.3 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Tgt Ion: 136 Resp: 633744
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 6.8 7.4 11.2#
68 5.8 6.0 9.0#

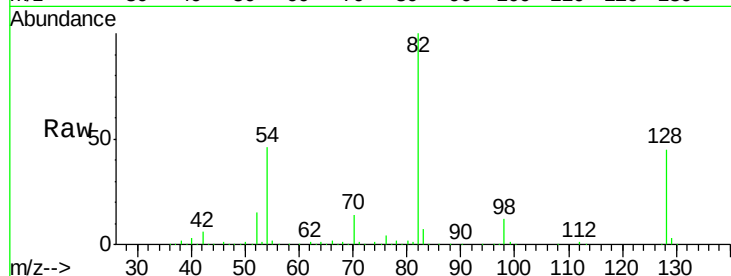




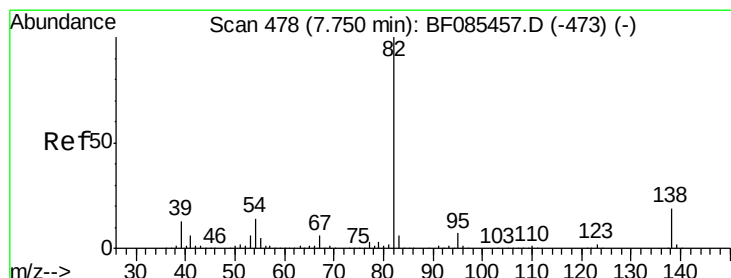
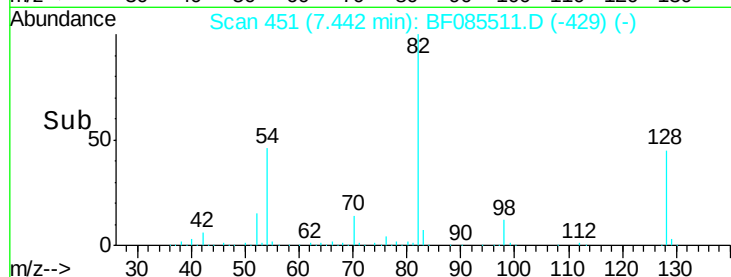
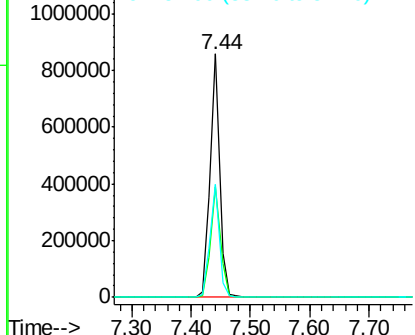
#23
 Nitrobenzene-d5
 Concen: 90.58 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085511.D
 Acq: 18 Mar 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tgt Ion: 82 Resp: 970913
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.5 51.7
 54 46.3 39.3 58.9

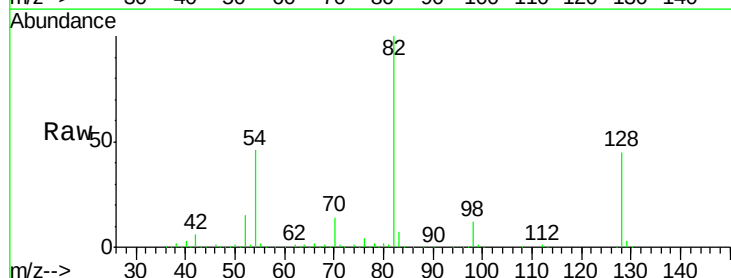


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

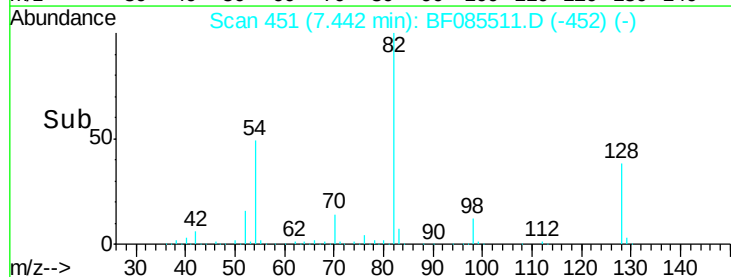
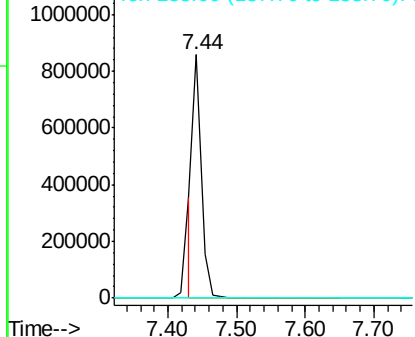


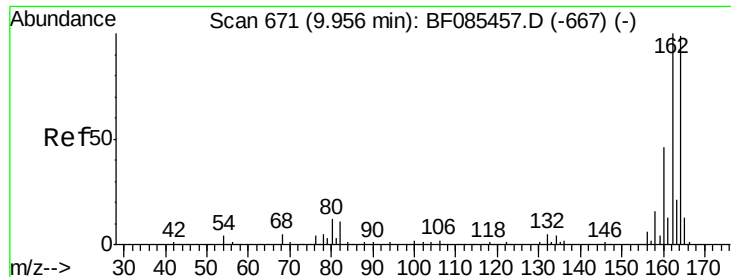
#25
 Isophorone
 Concen: 32.58 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.31 min
 Lab File: BF085511.D
 Acq: 18 Mar 2016 00:37

Tgt Ion: 82 Resp: 712160
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 13.3 19.9#



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

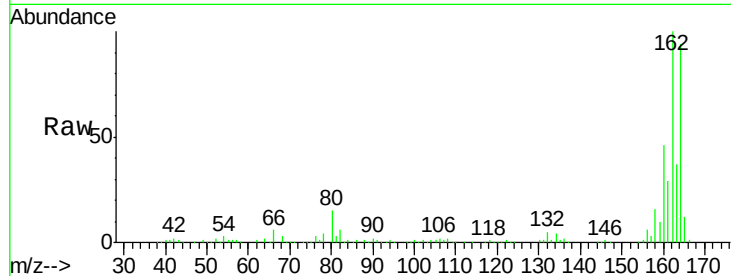




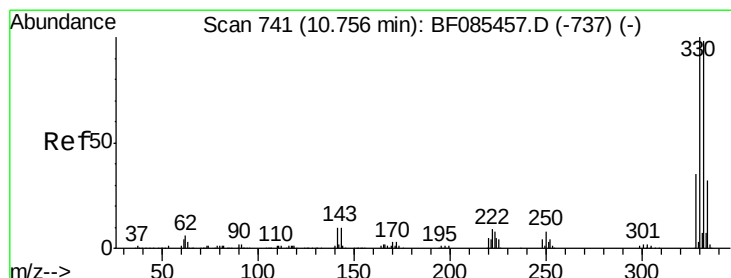
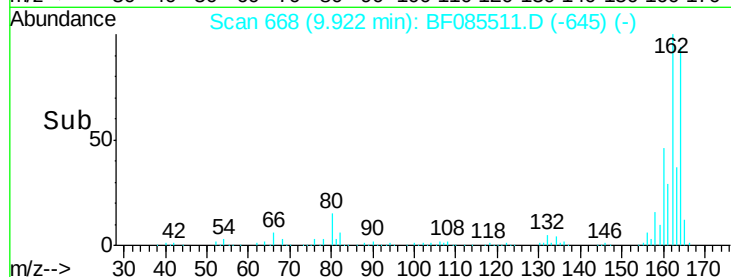
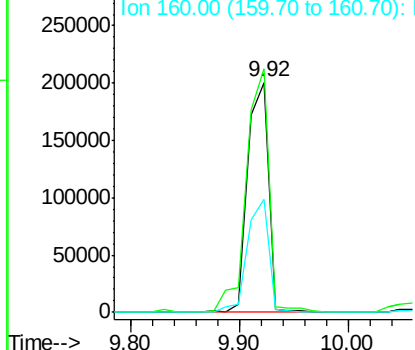
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF085511.D
 Acq: 18 Mar 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tgt Ion:164 Resp: 264896
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.3 124.9
 160 48.9 37.9 56.9

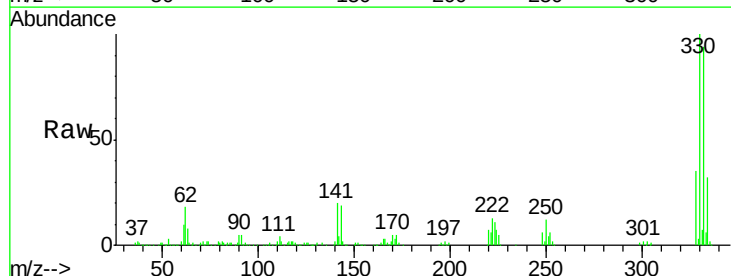


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

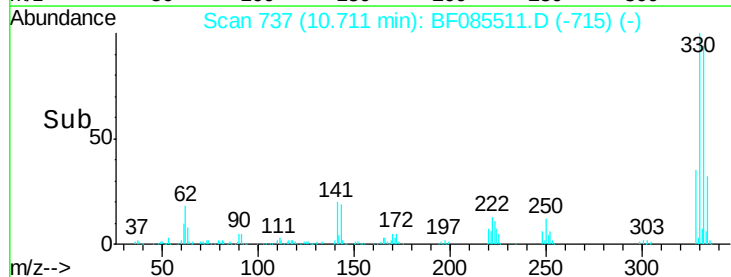
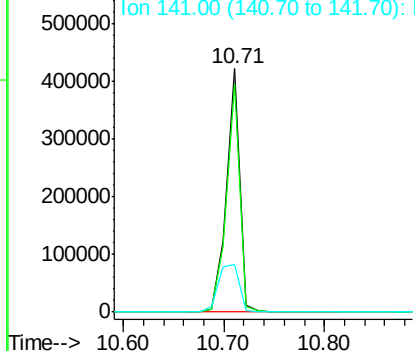


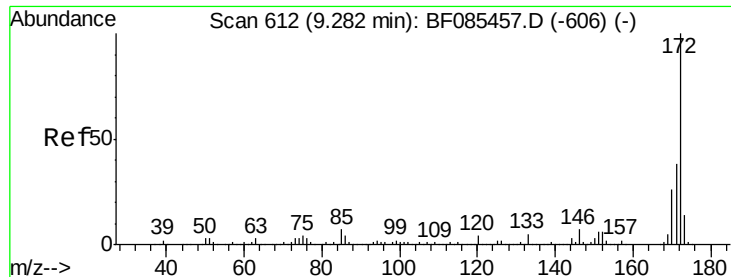
#41
 2,4,6-Tribromophenol
 Concen: 159.10 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085511.D
 Acq: 18 Mar 2016 00:37

Tgt Ion:330 Resp: 388175
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.1 115.7
 141 31.3 35.0 52.6#



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

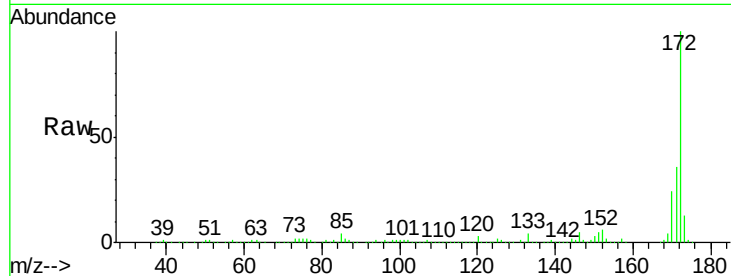




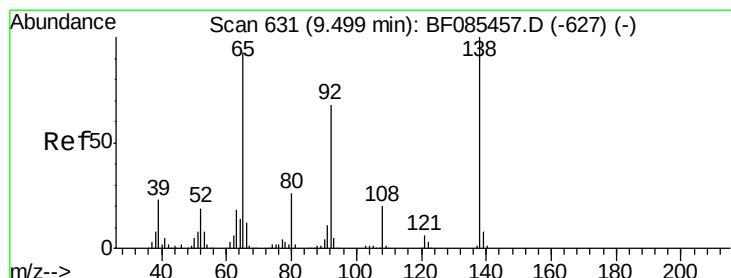
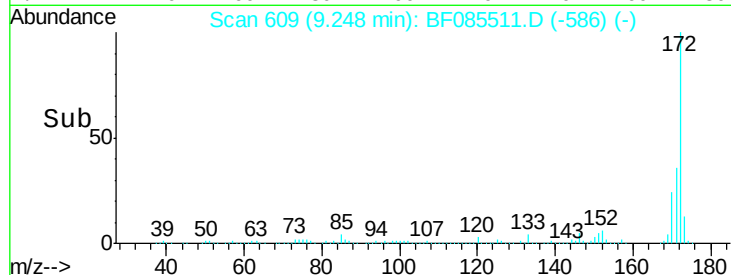
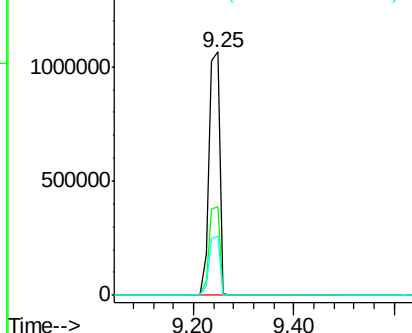
#44
 2-Fluorobiphenyl
 Concen: 103.52 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF085511.D
 Acq: 18 Mar 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1580626
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.5 20.0 30.0

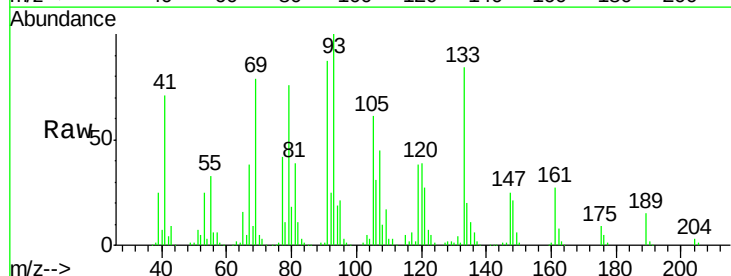


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

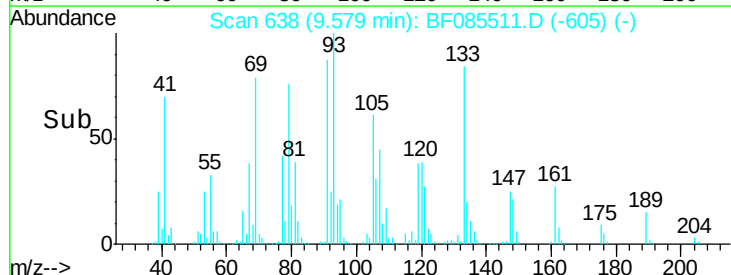
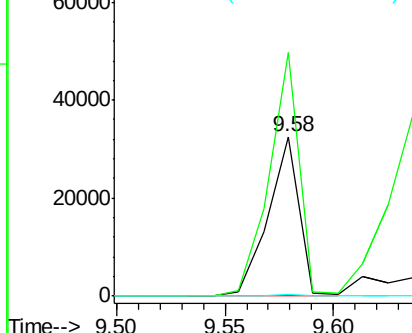


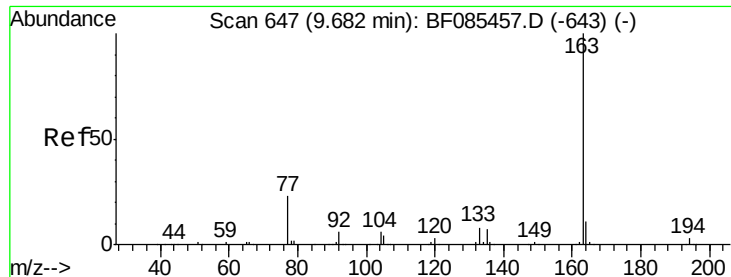
#47
 2-Nitroaniline
 Concen: 6.64 ng
 RT: 9.58 min Scan# 638
 Delta R.T. 0.08 min
 Lab File: BF085511.D
 Acq: 18 Mar 2016 00:37

Tgt Ion: 65 Resp: 32556
 Ion Ratio Lower Upper
 65 100
 92 152.7 55.4 83.2#
 138 0.9 75.7 113.5#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 22.86 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF085511.D

Acq: 18 Mar 2016 00:37

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

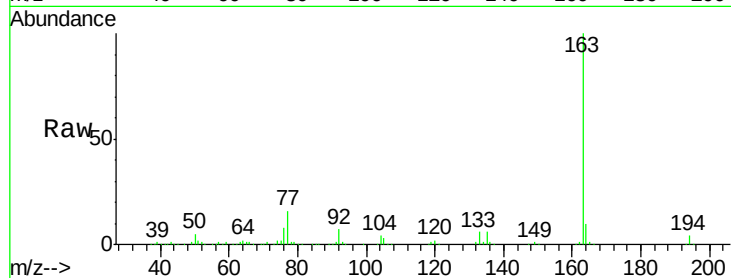
Tgt Ion:163 Resp: 441753

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

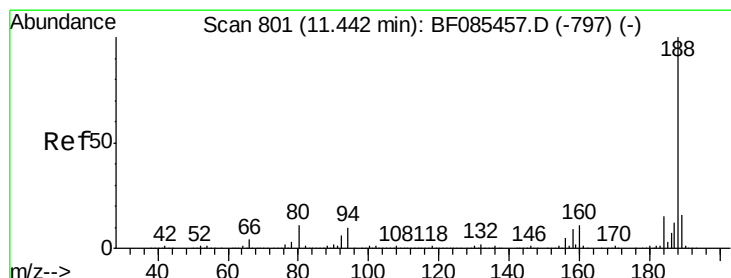
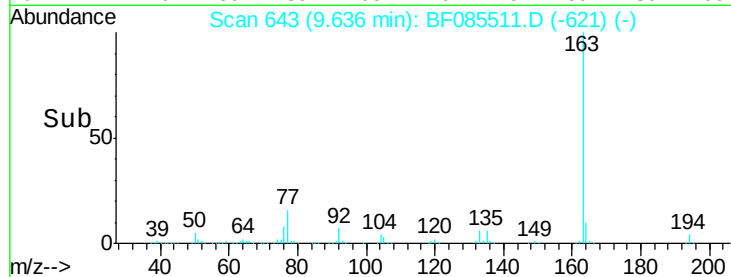
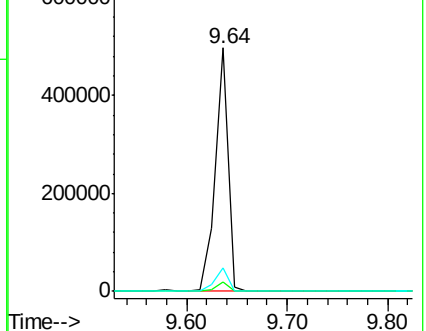
164 9.8 8.2 12.4



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: 11.40 min Scan# 797

Delta R.T. -0.05 min

Lab File: BF085511.D

Acq: 18 Mar 2016 00:37

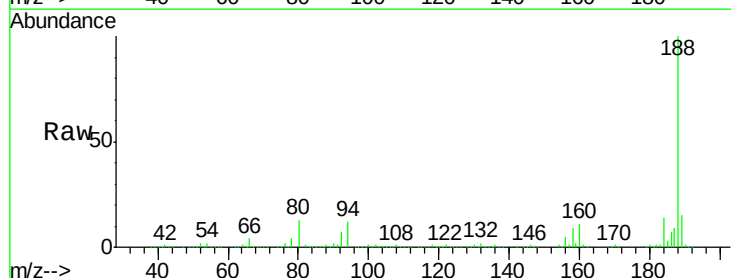
Tgt Ion:188 Resp: 431869

Ion Ratio Lower Upper

188 100

94 11.8 7.0 10.6#

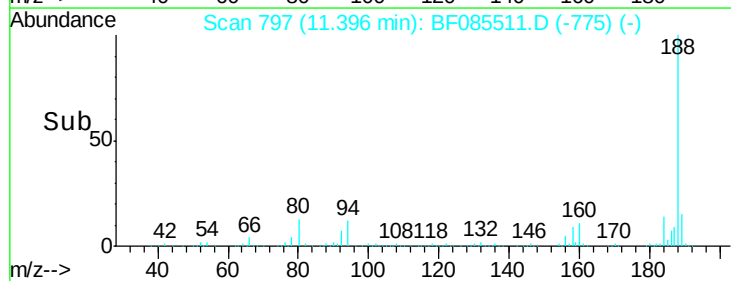
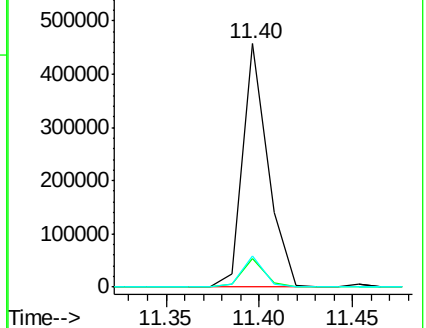
80 13.0 7.4 11.0#

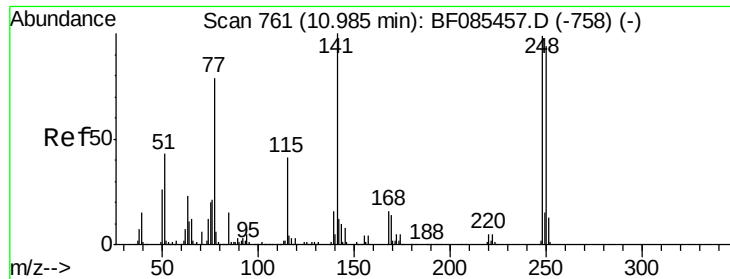


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

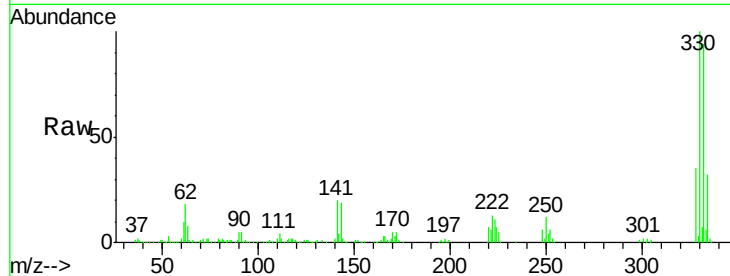




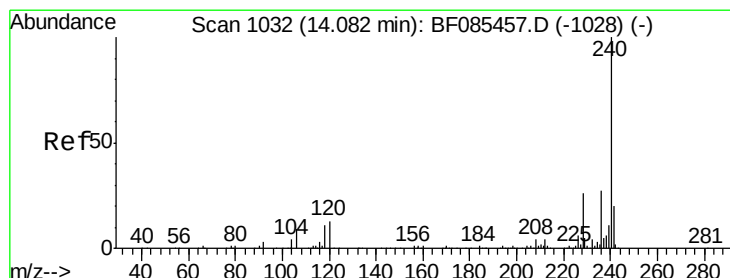
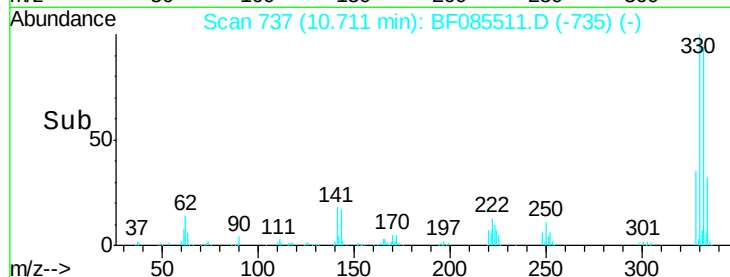
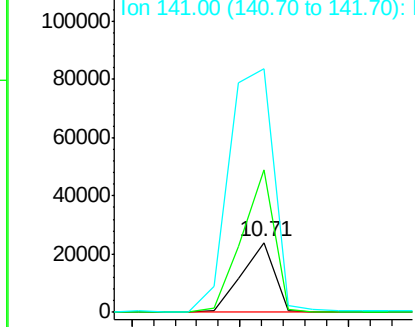
#66
4-Bromophenyl-phenylether
Concen: 5.75 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion:248 Resp: 25150
Ion Ratio Lower Upper
248 100
250 203.1 77.1 115.7#
141 348.4 66.2 99.2#

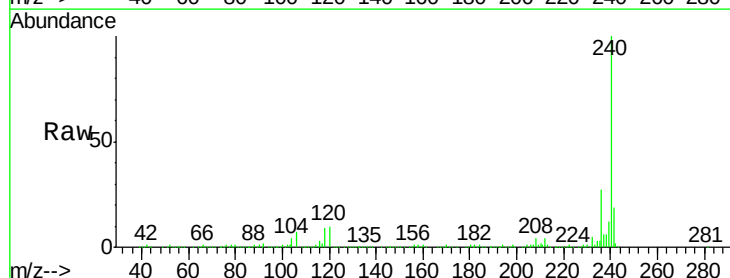


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

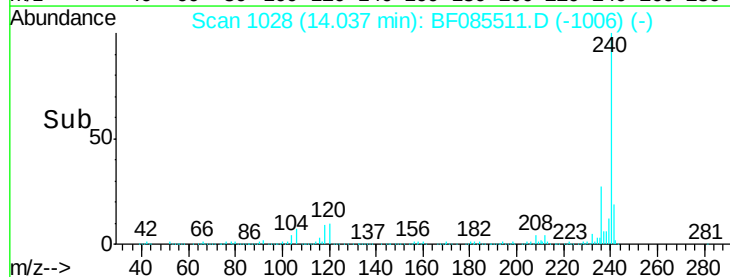
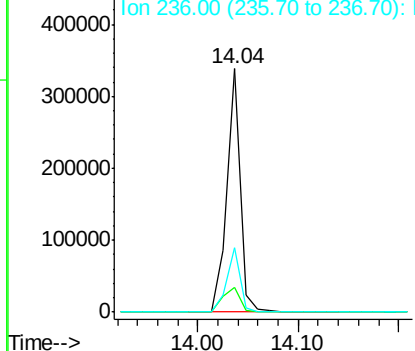


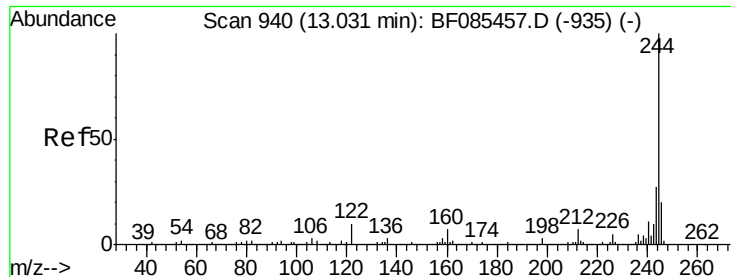
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085511.D
Acq: 18 Mar 2016 00:37

Tgt Ion:240 Resp: 314058
Ion Ratio Lower Upper
240 100
120 10.2 5.3 7.9#
236 26.5 20.7 31.1



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

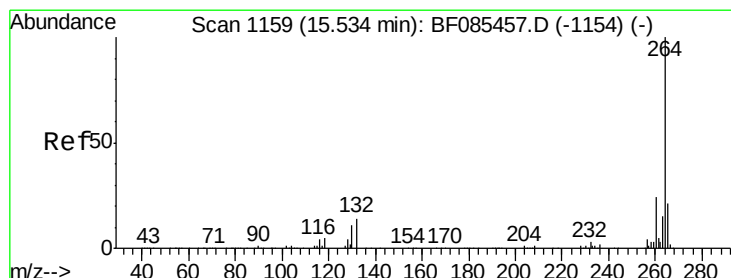
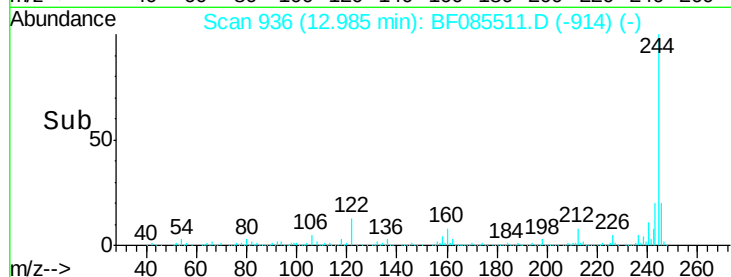
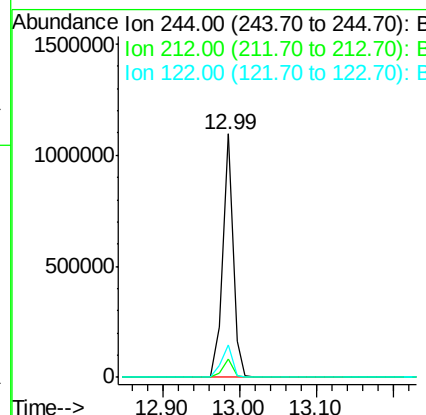
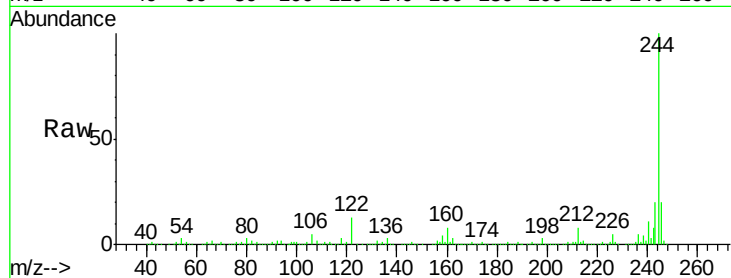




#78
 Terphenyl-d14
 Concen: 74.19 ng
 RT: 12.99 min Scan# 936
 Delta R.T. -0.05 min
 Lab File: BF085511.D
 Acq: 18 Mar 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tgt Ion:244 Resp: 1029988
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 13.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF085511.D
 Acq: 18 Mar 2016 00:37

Tgt Ion:264 Resp: 304693
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 22.0 17.3 25.9

