

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085003.D
 Acq On : 10 Feb 2016 20:00
 Operator : SJ/IZ
 Sample : H1373-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-020516

Quant Time: Feb 11 00:54:17 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

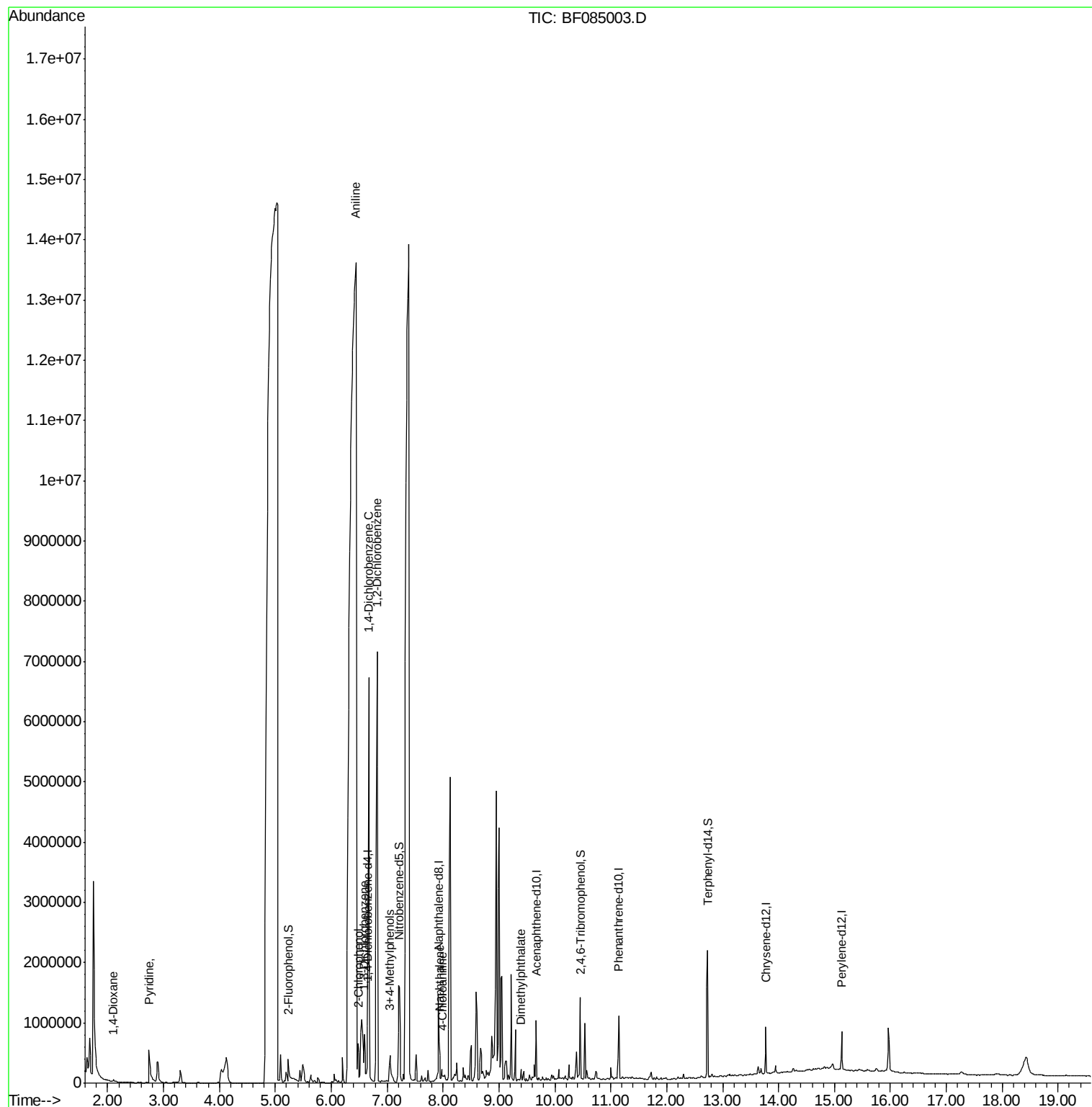
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	142188	20.00	ng	0.02
21) Naphthalene-d8	7.92	136	578005	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	234253	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	383000	20.00	ng	0.00
75) Chrysene-d12	13.77	240	304198	20.00	ng	0.00
86) Perylene-d12	15.13	264	257873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	219271	24.02	ng	0.03
7) Phenol-d6	6.41	99	19856	1.75	ng	0.13
23) Nitrobenzene-d5	7.21	82	1037449	101.11	ng	0.01
41) 2,4,6-Tribromophenol	10.46	330	231006	94.54	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1721205	-20.00	ng	0.01
78) Terphenyl-d14	12.73	244	868977	64.73	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.10	88	18272	4.57	ng	# 65
3) Pyridine	2.74	79	393418	37.76	ng	# 78
6) Aniline	6.44	93	34640168	2501.48	ng	93
8) 2-Chlorophenol	6.49	128	26038	2.52	ng	# 75
12) 1,3-Dichlorobenzene	6.59	146	155795	14.27	ng	# 92
13) 1,4-Dichlorobenzene	6.67	146	1817103	166.50	ng	98
14) 1,2-Dichlorobenzene	6.82	146	2602972	256.08	ng	96
20) 3+4-Methylphenols	7.05	107	235505	23.22	ng	# 31
31) Naphthalene	7.94	128	208396	7.19	ng	# 85
33) 4-Chloroaniline	7.99	127	89963	7.50	ng	93
49) Dimethylphthalate	9.39	163	41787	2.34	ng	# 90

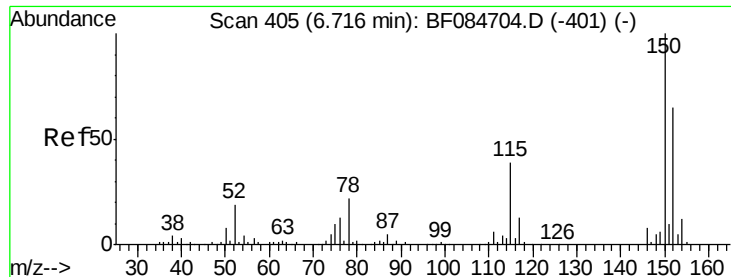
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.02 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

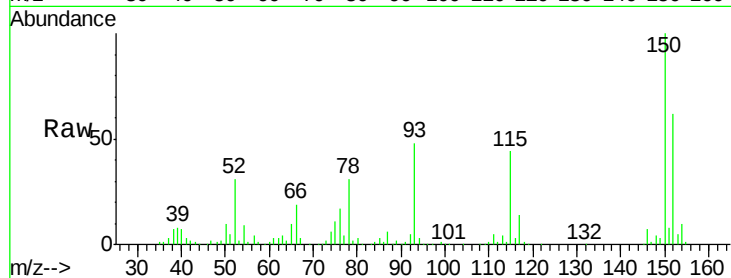
Tgt Ion:152 Resp: 142188

Ion Ratio Lower Upper

152 100

150 160.4 123.0 184.4

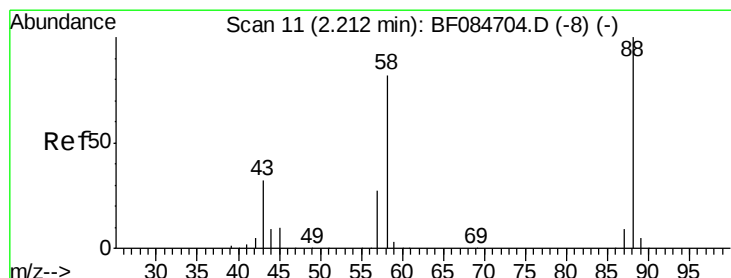
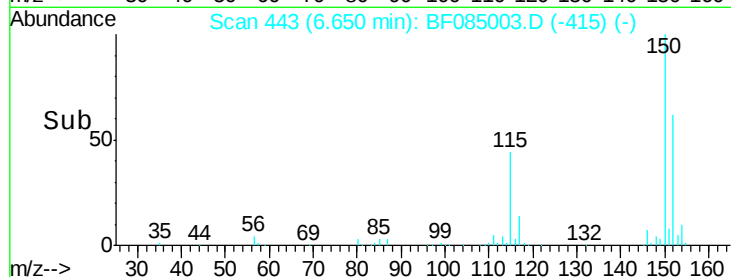
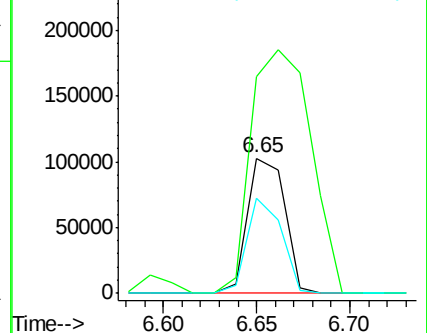
115 70.4 51.4 77.2



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



#2

1,4-Dioxane

Concen: 4.57 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.02 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

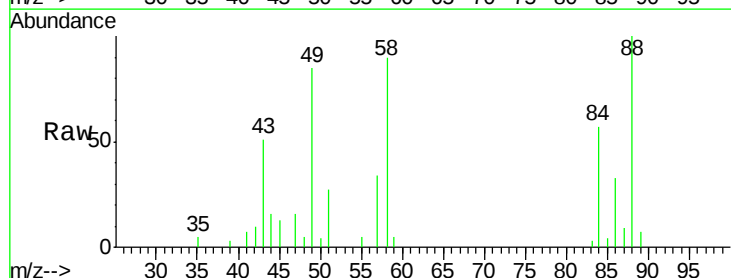
Tgt Ion: 88 Resp: 18272

Ion Ratio Lower Upper

88 100

58 88.7 51.2 76.8#

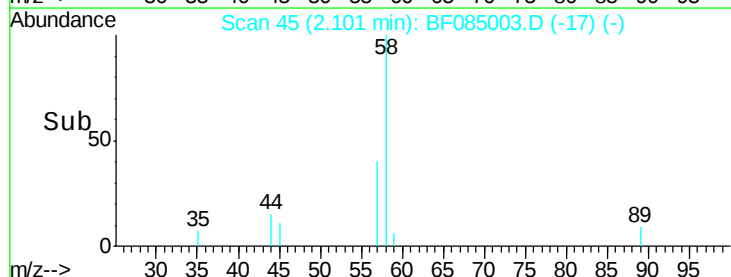
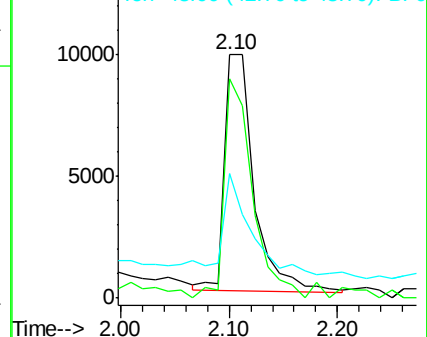
43 45.4 19.5 29.3#

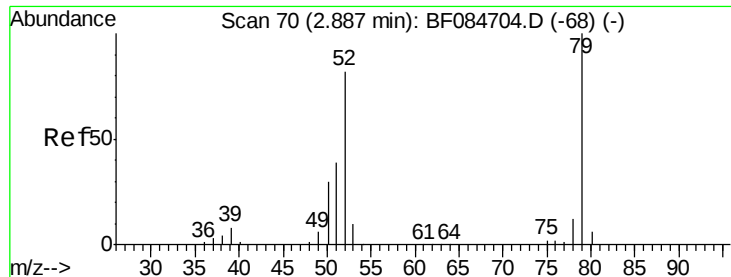


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.76 ng

RT: 2.74 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF085003.D

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Instrument :

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ClientSampleId :

SYS-DIS-020516

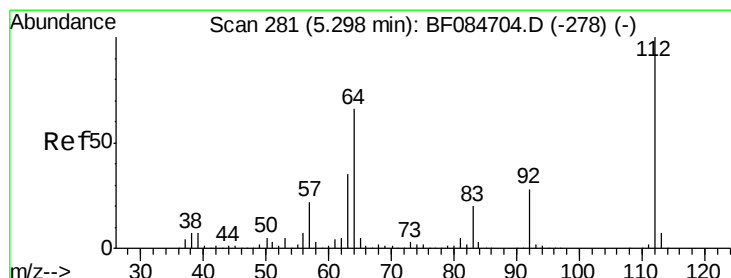
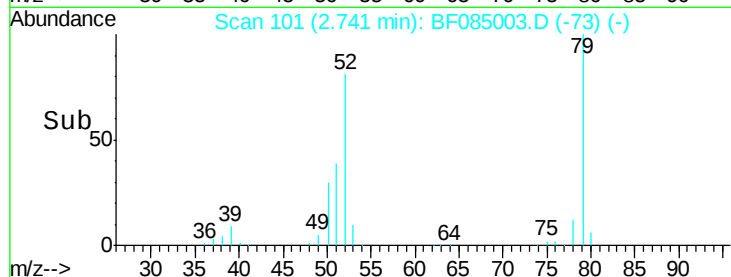
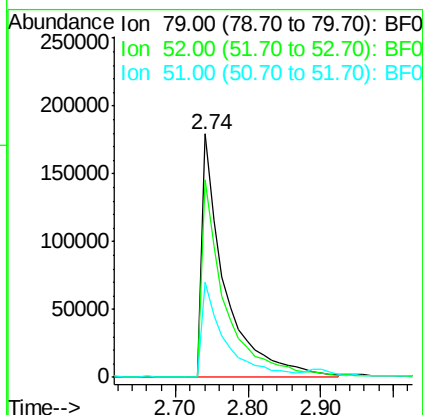
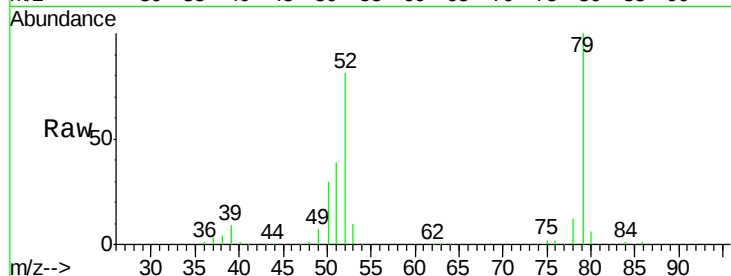
Tgt Ion: 79 Resp: 393418

Ion Ratio Lower Upper

79 100

52 81.2 49.0 73.4#

51 39.3 25.2 37.8#



#5

2-Fluorophenol

Concen: 24.02 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.03 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

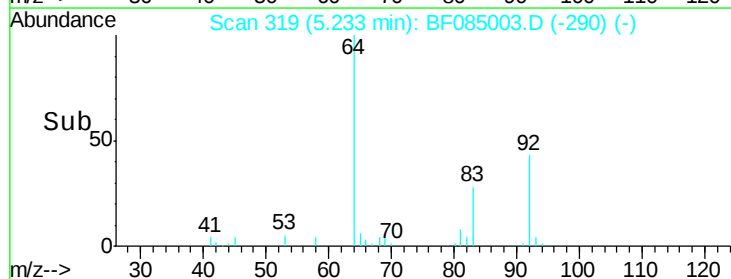
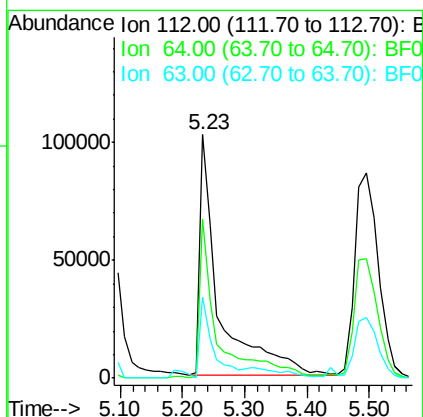
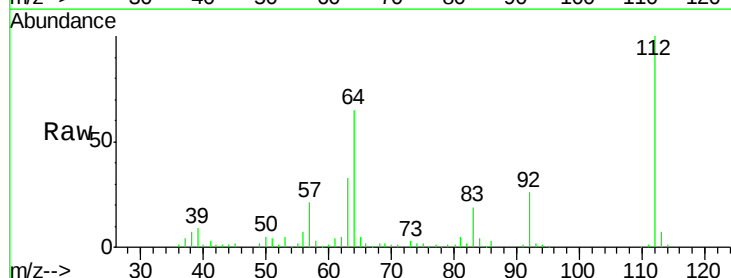
Tgt Ion: 112 Resp: 219271

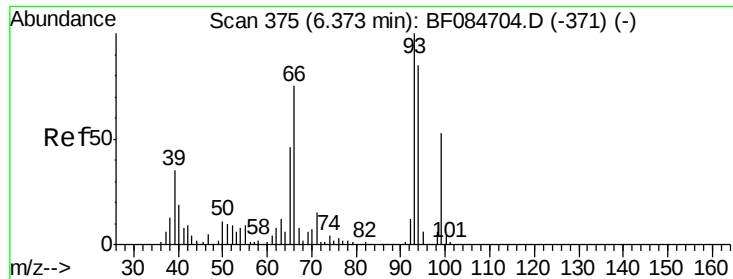
Ion Ratio Lower Upper

112 100

64 65.4 36.6 55.0#

63 33.4 19.4 29.0#





#6

Aniline

Concen: 2501.48 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.15 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

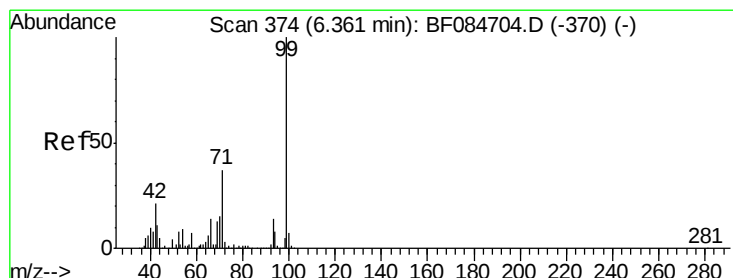
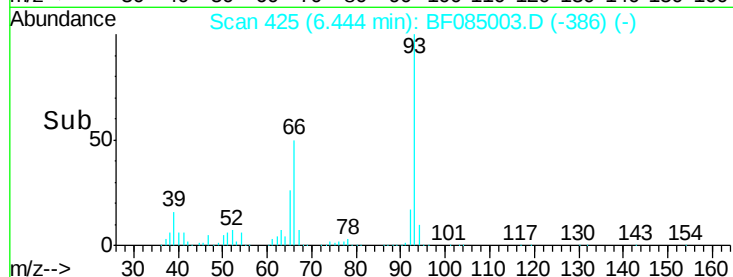
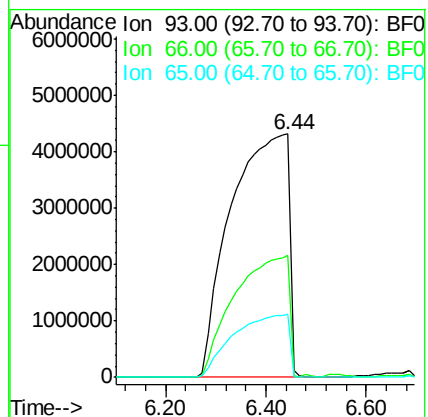
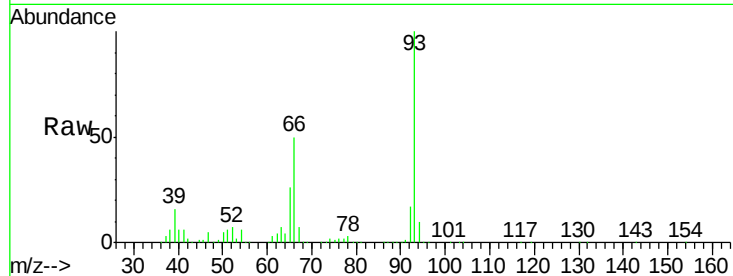
Tgt Ion: 93 Resp: 34640168

Ion Ratio Lower Upper

93 100

66 50.3 44.9 67.3

65 26.1 23.7 35.5



#7

Phenol-d6

Concen: 1.75 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.13 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

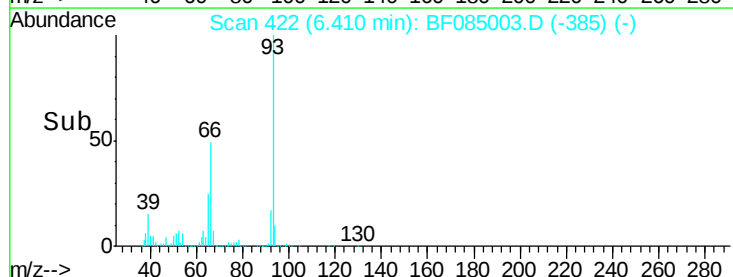
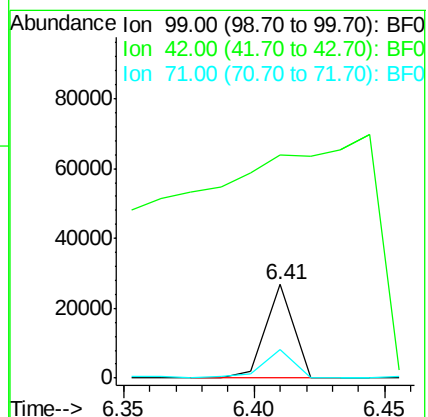
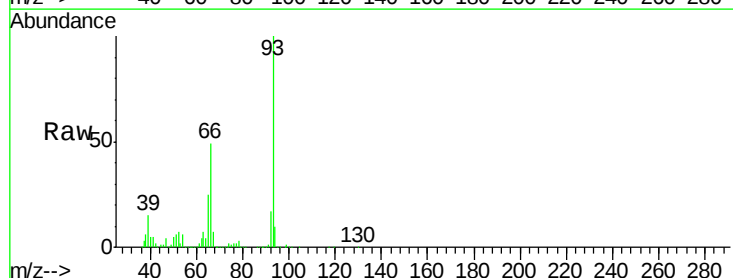
Tgt Ion: 99 Resp: 19856

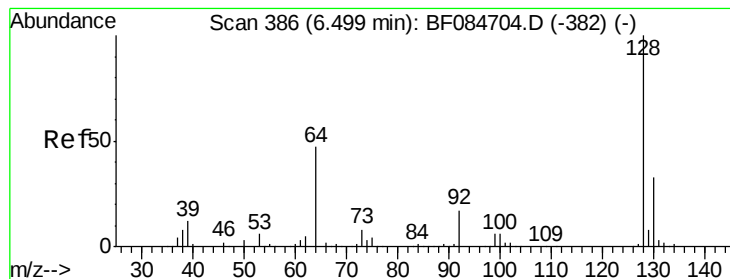
Ion Ratio Lower Upper

99 100

42 237.3 12.8 19.2#

71 30.9 30.9 46.3





#8

2-Chlorophenol

Concen: 2.52 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.08 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

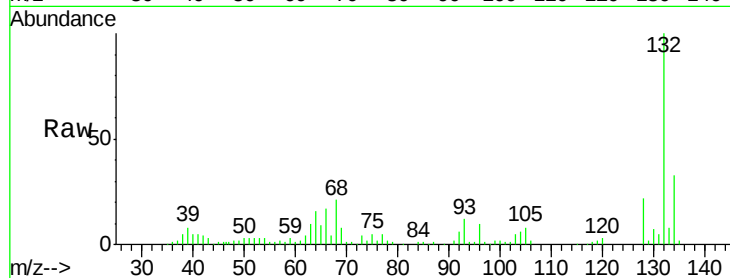
Tgt Ion:128 Resp: 26038

Ion Ratio Lower Upper

128 100

130 31.9 11.6 51.6

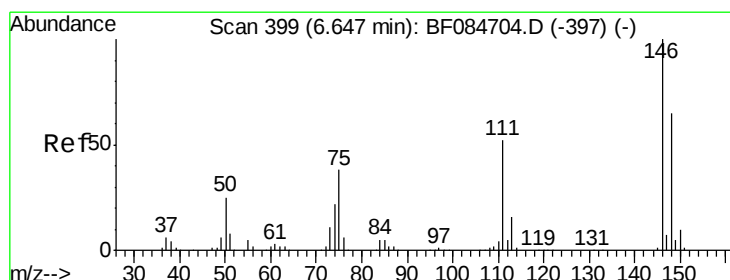
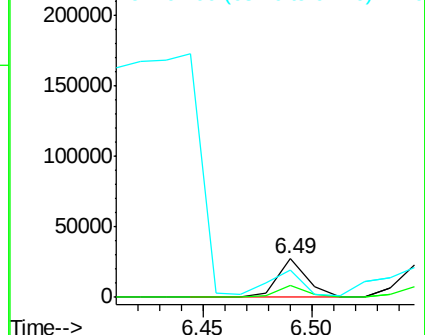
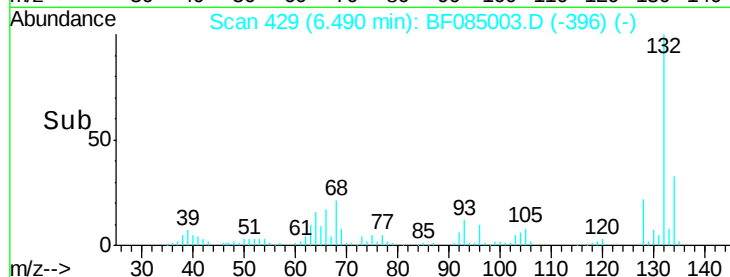
64 71.8 23.8 63.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#12

1,3-Dichlorobenzene

Concen: 14.27 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.03 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

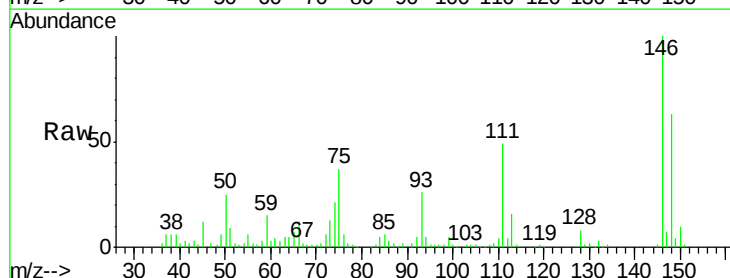
Tgt Ion:146 Resp: 155795

Ion Ratio Lower Upper

146 100

148 62.7 51.9 77.9

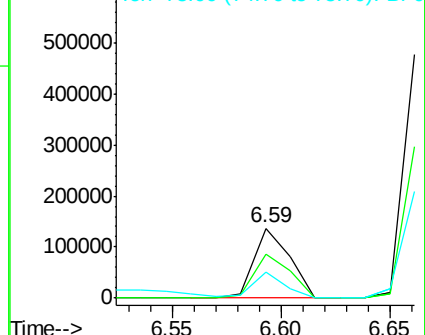
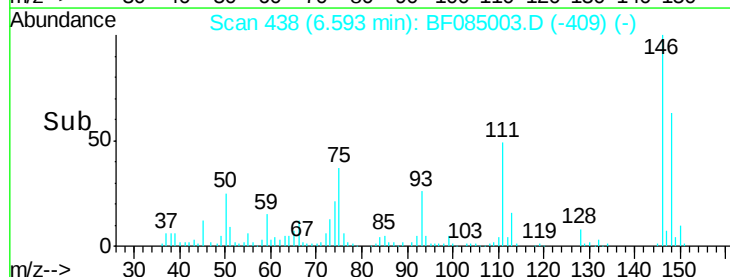
75 37.2 20.5 30.7#

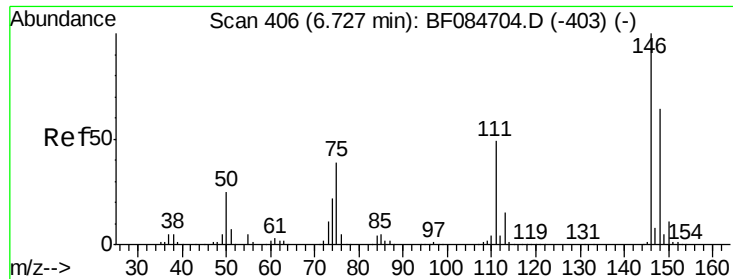


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 166.50 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.03 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

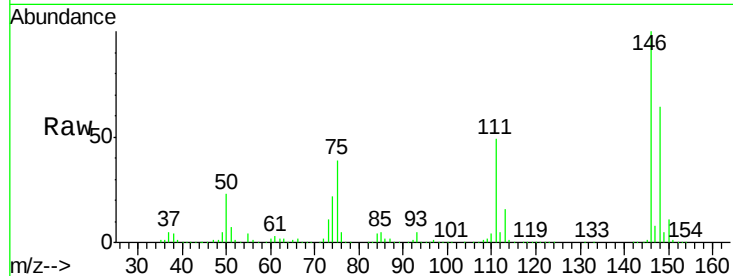
Tgt Ion:146 Resp: 1817103

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

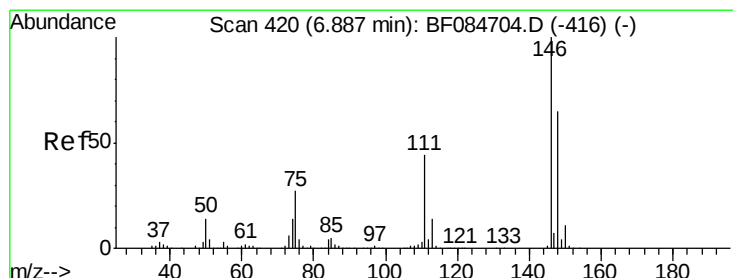
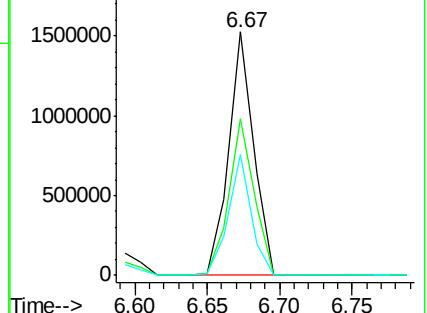
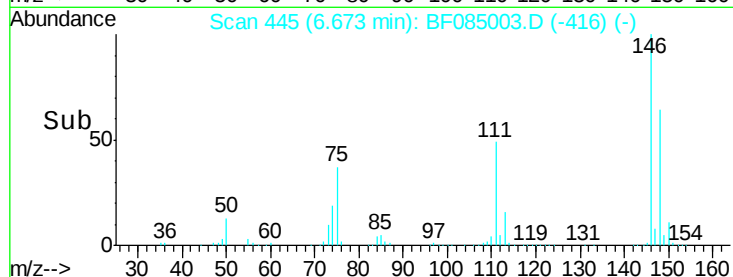
111 49.4 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 256.08 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.02 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

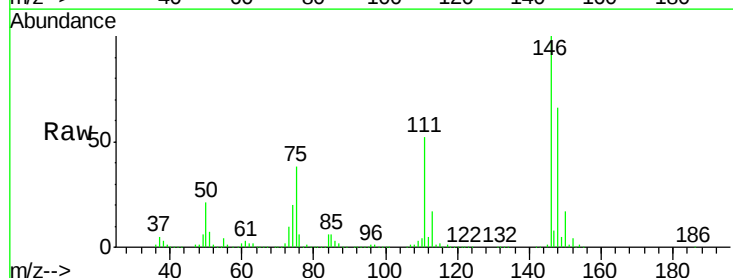
Tgt Ion:146 Resp: 2602972

Ion Ratio Lower Upper

146 100

148 65.7 51.6 77.4

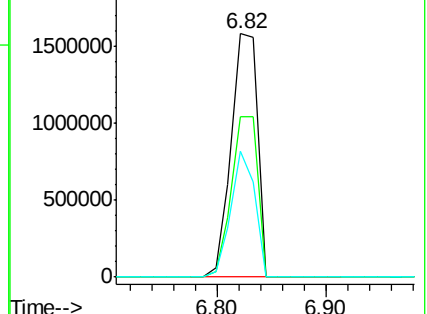
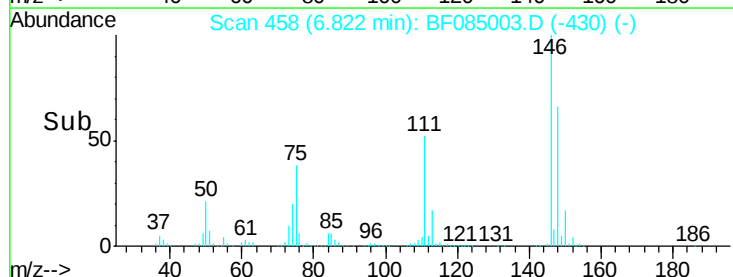
111 51.9 38.0 57.0

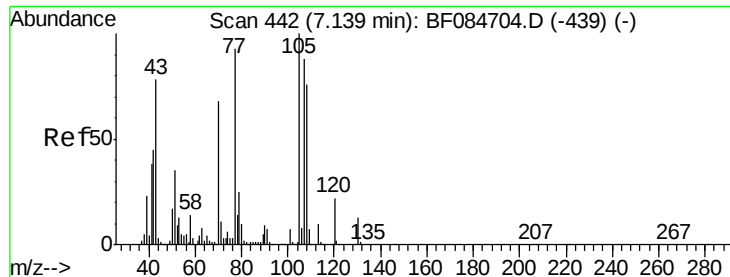


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#20

3+4-Methylphenols

Concen: 23.22 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

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Tgt Ion:107 Resp: 235505

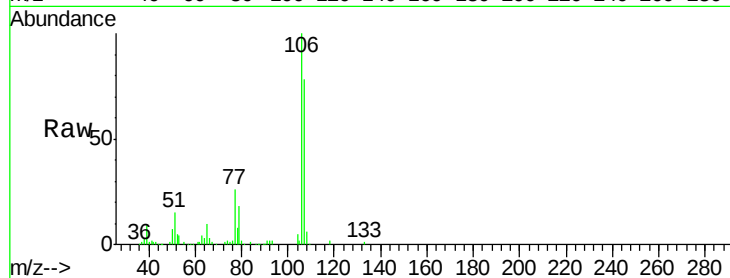
Ion Ratio Lower Upper

107 100

108 7.3 74.6 114.6#

77 33.3 0.7 40.7

79 22.3 0.0 39.0

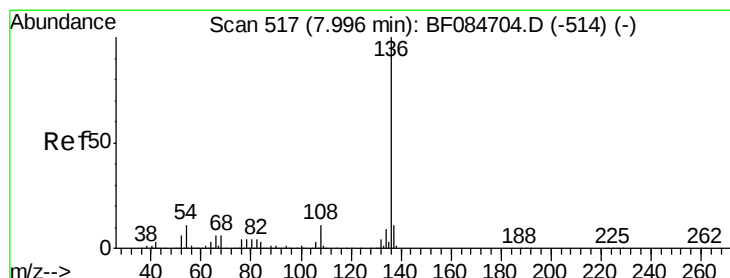
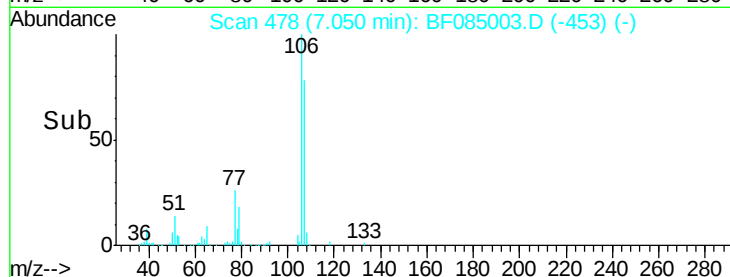
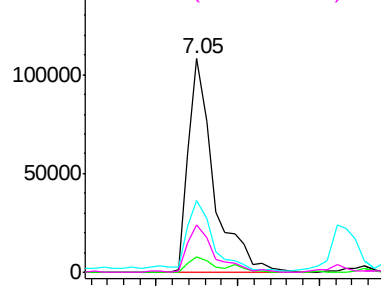


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Tgt Ion:136 Resp: 578005

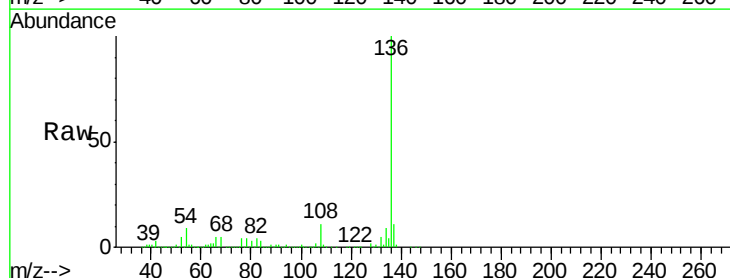
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.4 5.8 8.8#

68 5.3 4.2 6.2

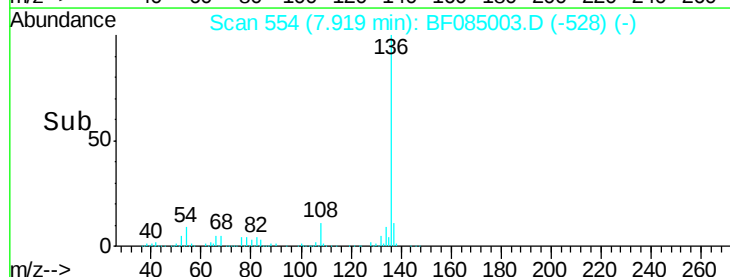
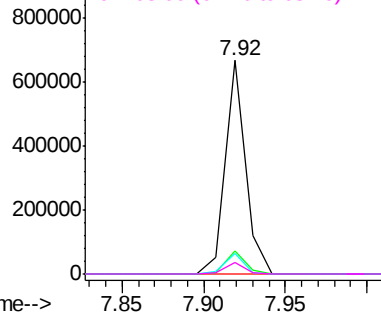


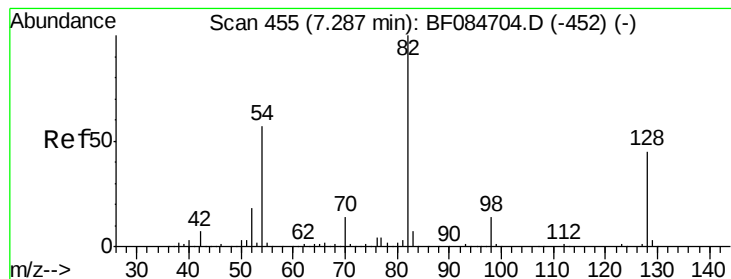
Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.11 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

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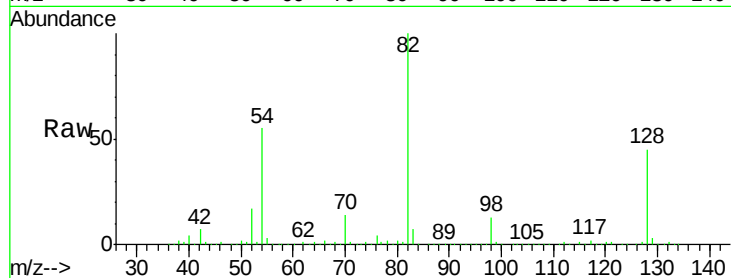
Tgt Ion: 82 Resp: 1037449

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

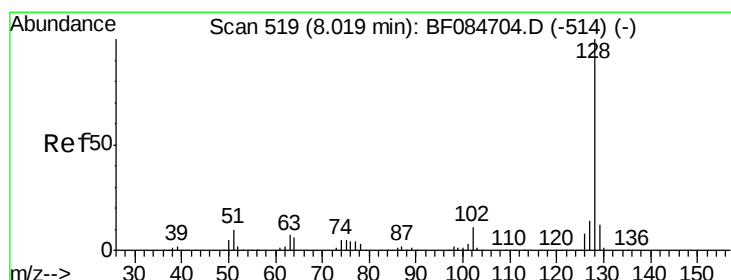
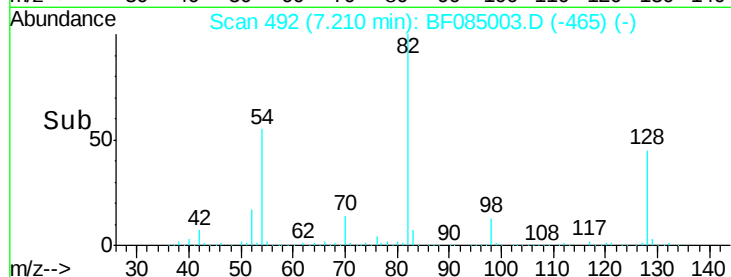
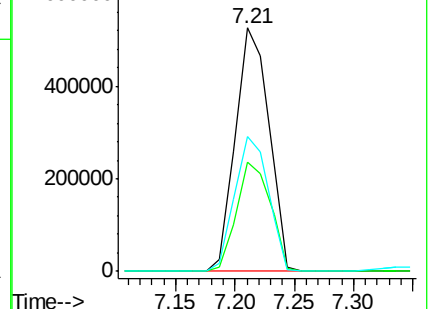
54 55.2 38.4 57.6



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



#31

Naphthalene

Concen: 7.19 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

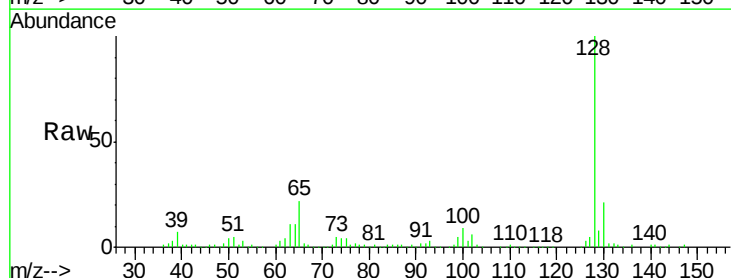
Tgt Ion: 128 Resp: 208396

Ion Ratio Lower Upper

128 100

129 8.4 9.1 13.7#

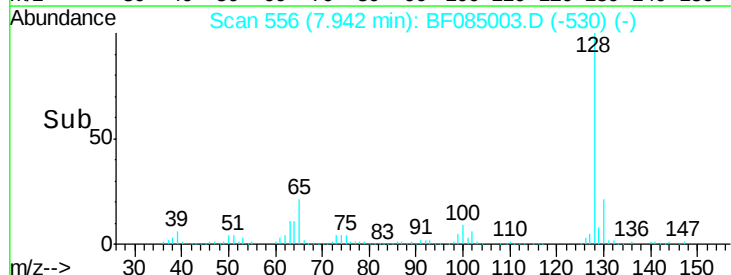
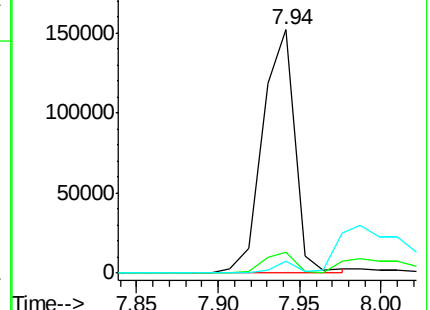
127 5.2 11.1 16.7#

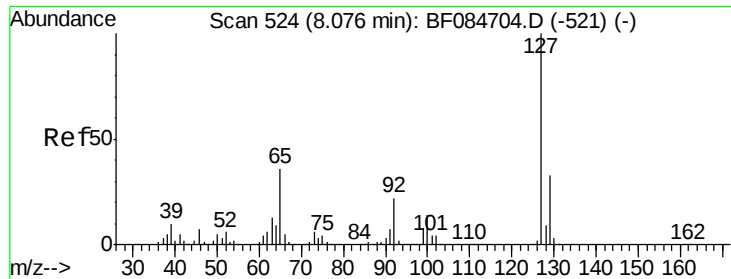


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

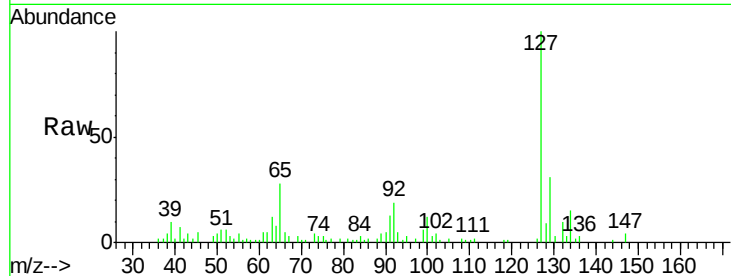




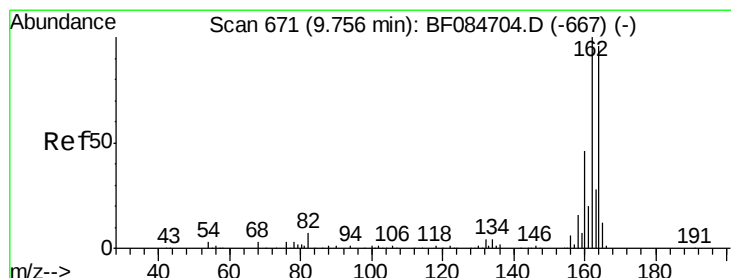
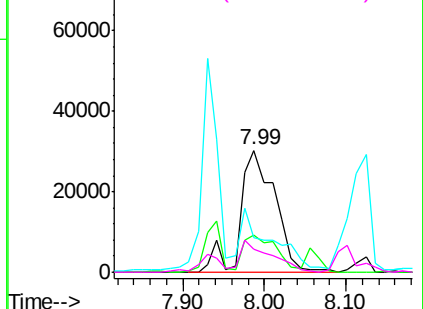
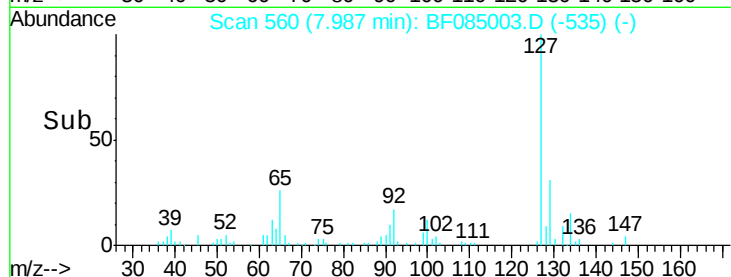
#33
4-Chloroaniline
Concen: 7.50 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:	127	Resp:	89963
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	28.2	27.2	40.8
92	19.3	17.7	26.5

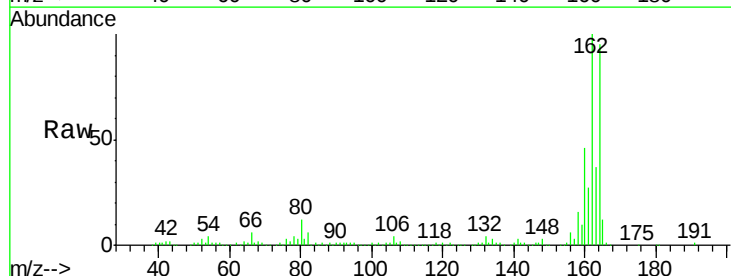


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

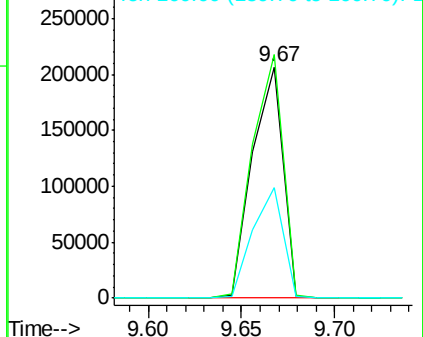
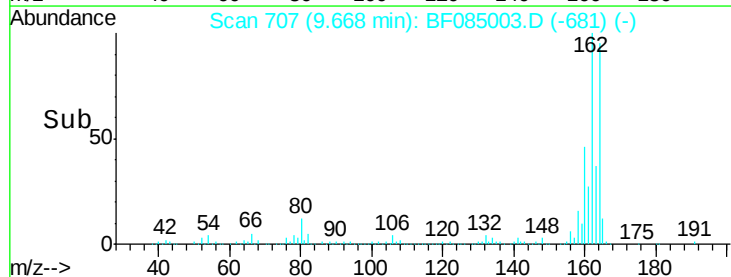


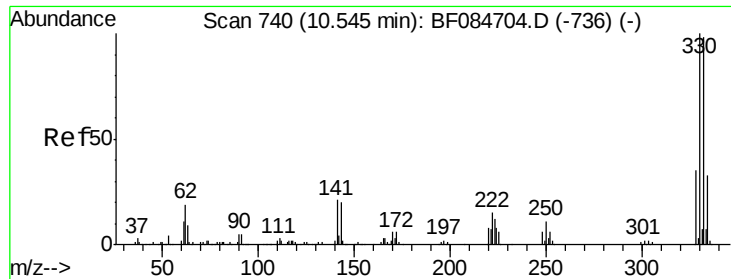
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:	164	Resp:	234253
Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	47.9	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

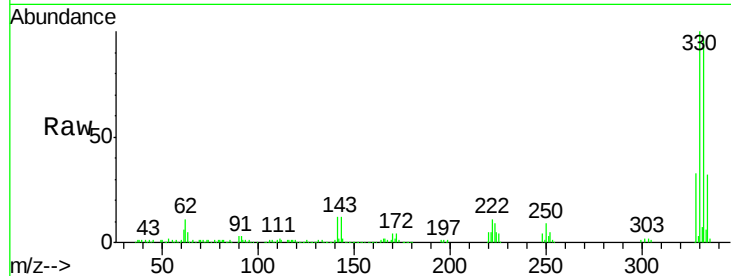




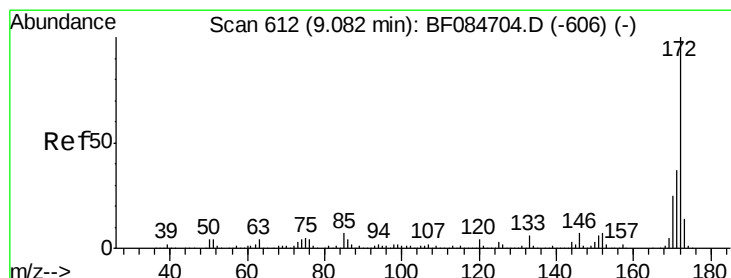
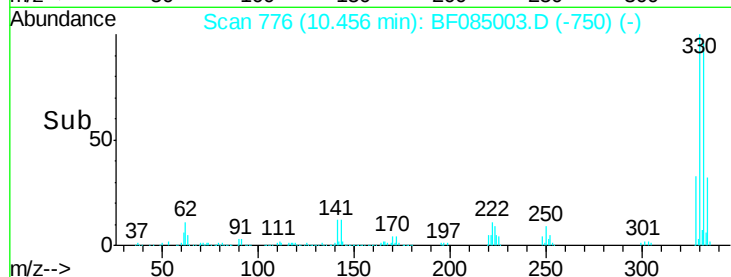
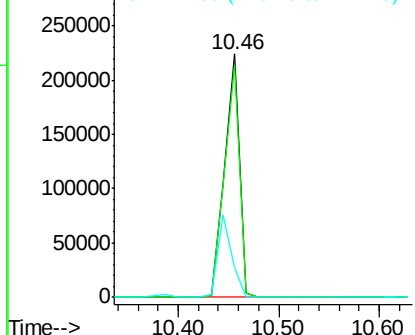
#41
 2,4,6-Tribromophenol
 Concen: 94.54 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-020516

Tgt Ion:330 Resp: 231006
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 32.6 27.8 41.6

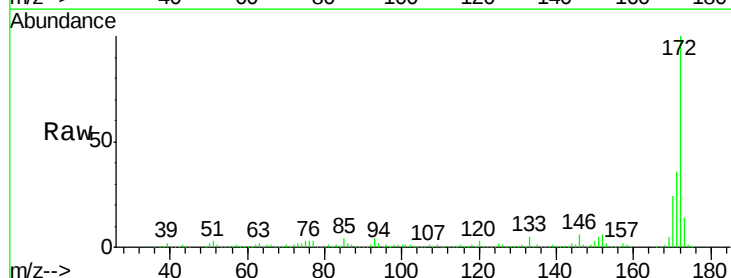


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

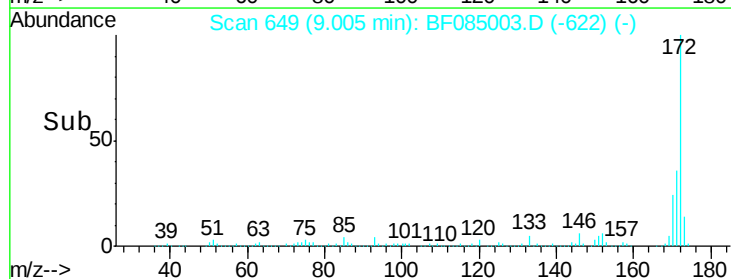
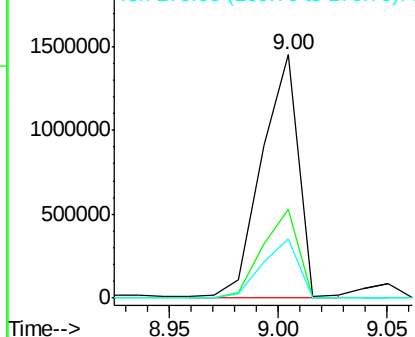


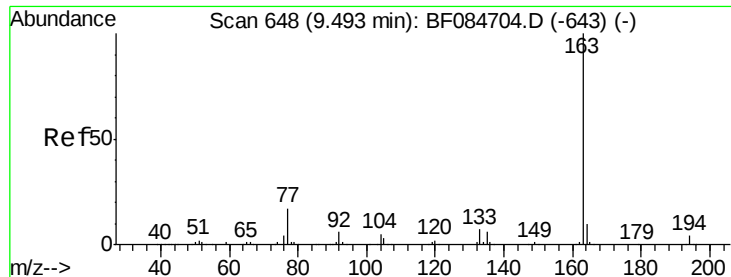
#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

Tgt Ion:172 Resp: 1721205
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.5 18.6 27.8



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

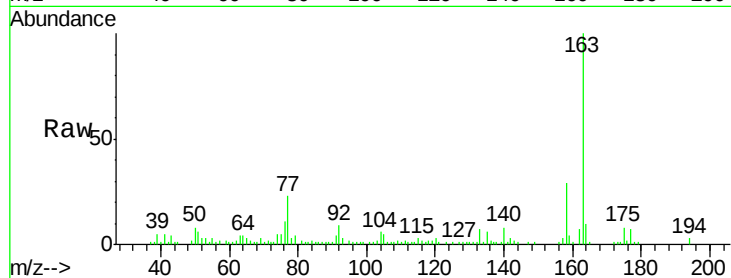




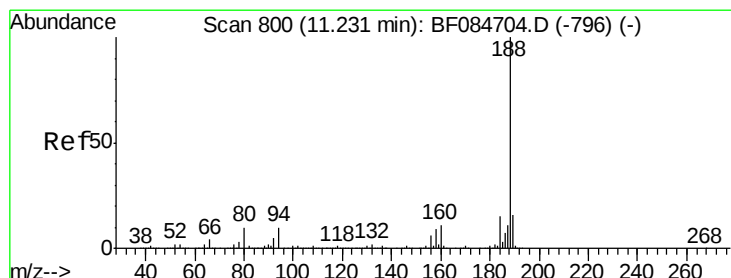
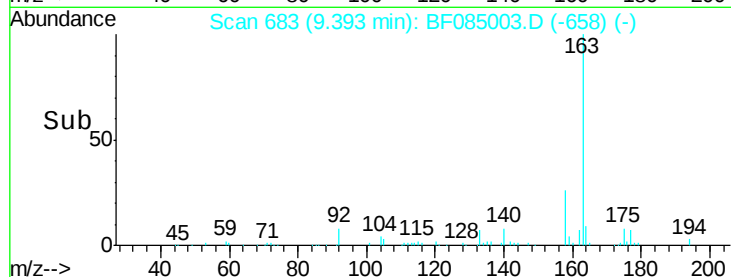
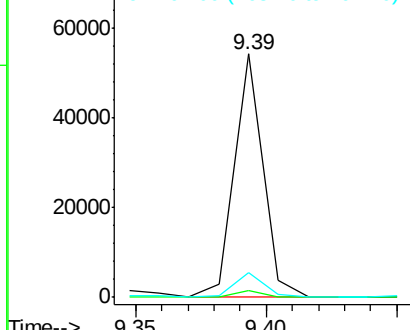
#49
Dimethylphthalate
Concen: 2.34 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:163 Resp: 41787
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.2 8.0 12.0

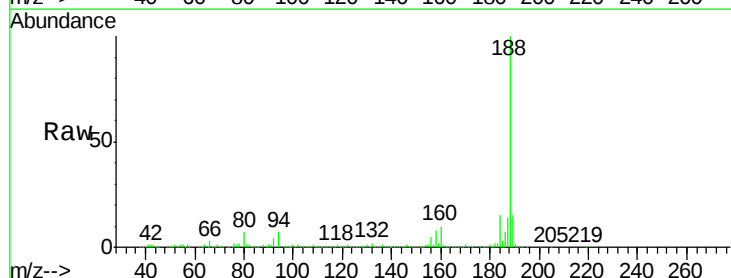


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

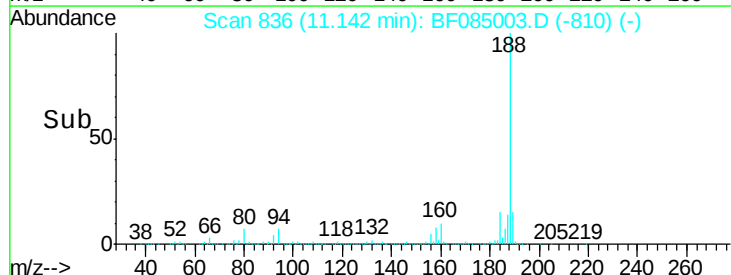
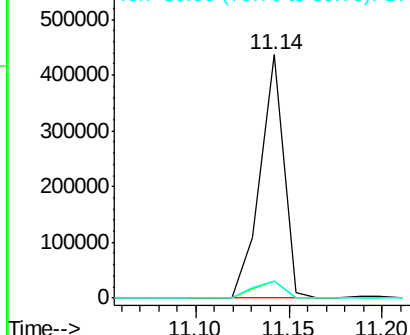


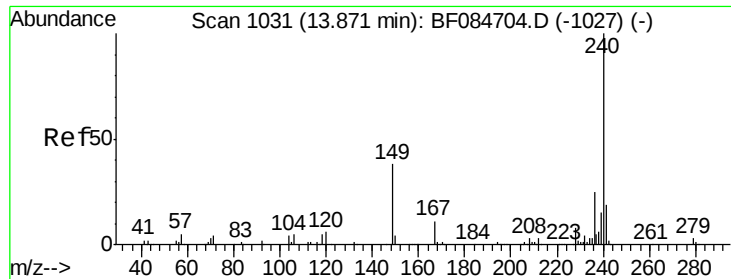
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:188 Resp: 383000
Ion Ratio Lower Upper
188 100
94 7.3 9.0 13.4#
80 7.3 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

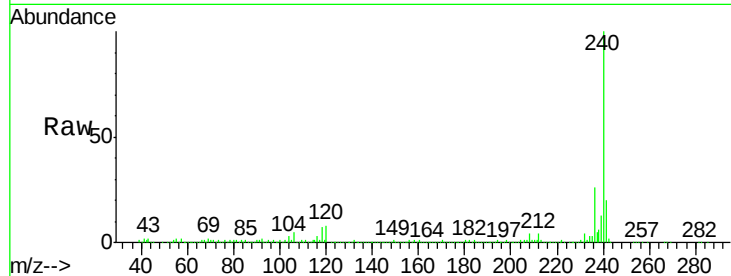
Tgt Ion:240 Resp: 304198

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

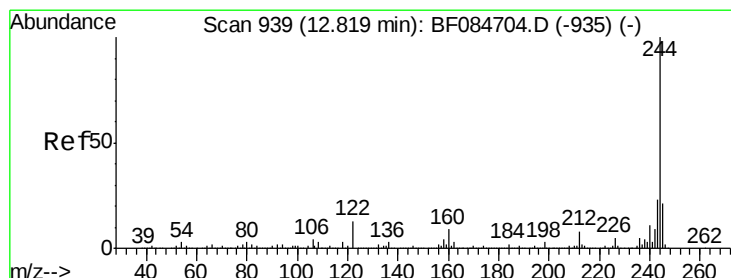
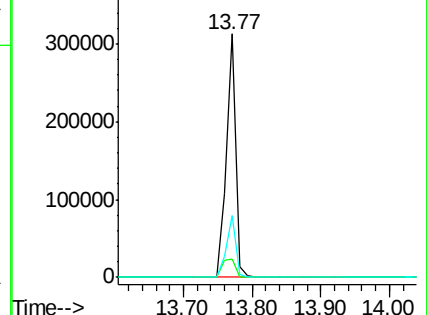
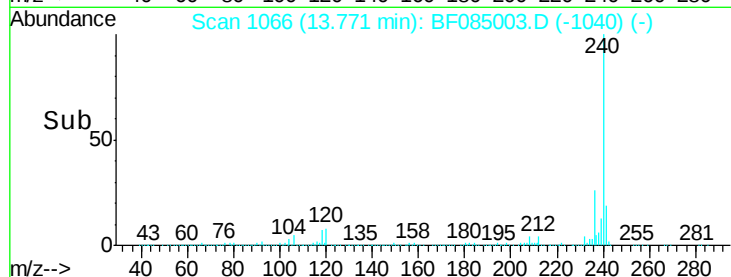
236 25.6 20.6 31.0



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: 64.73 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

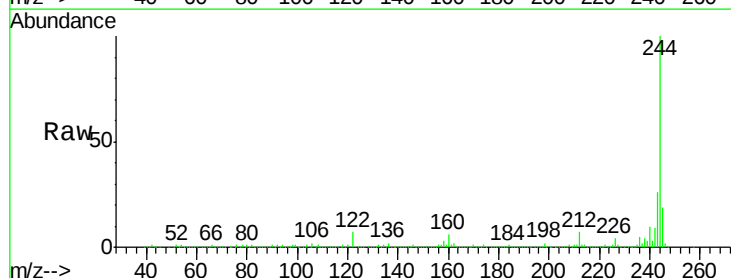
Tgt Ion:244 Resp: 868977

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

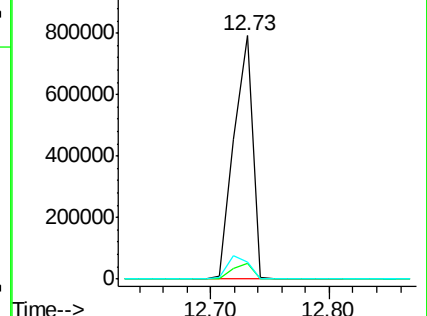
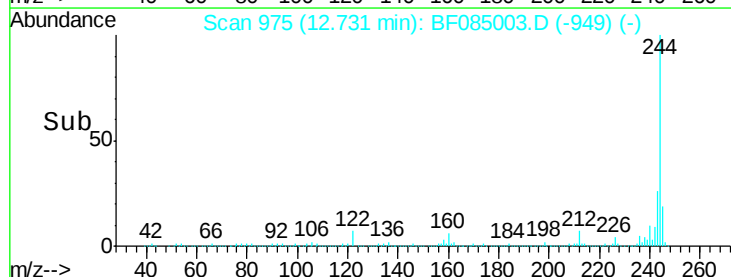
122 6.8 7.4 11.0#

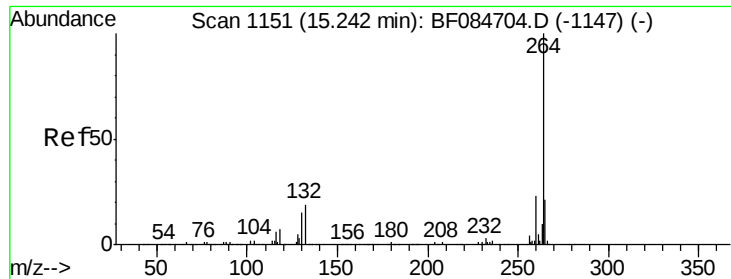


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion: 264 Resp: 257873
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 21.3 17.8 26.6

