

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
 Data File : BF084532.D
 Acq On : 17 Jan 2016 13:25
 Operator : SJ/UM
 Sample : H1140-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-011416DL

Quant Time: Jan 18 01:23:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

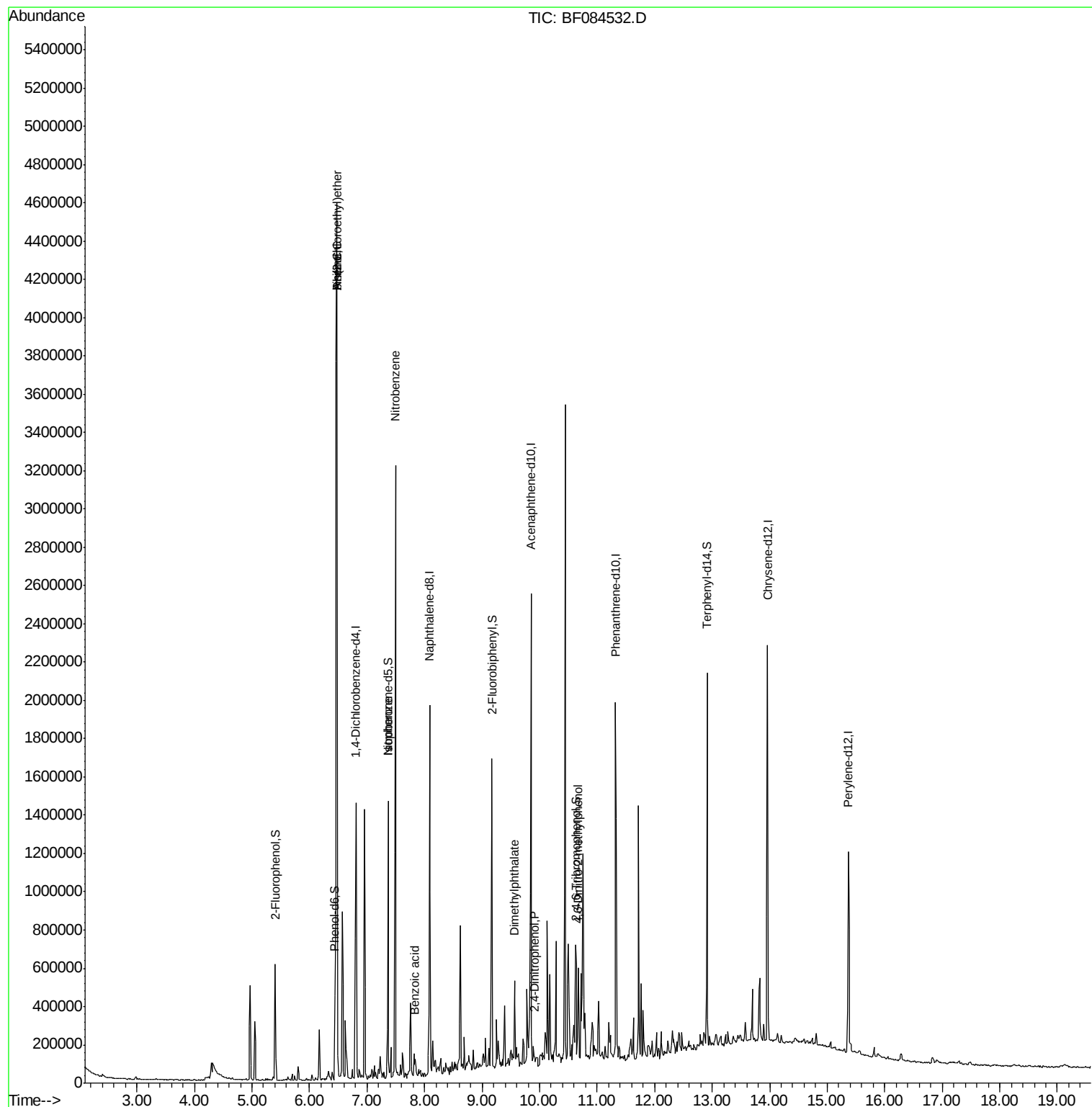
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	249219	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	986037	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	499361	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	878220	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	739867	20.00	ng	-0.03
86) Perylene-d12	15.37	264	515755	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	158157	10.26	ng	-0.03
7) Phenol-d6	6.44	99	146351	7.56	ng	-0.03
23) Nitrobenzene-d5	7.37	82	410950	23.20	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	100256	19.89	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	709773	20.18	ng	-0.02
78) Terphenyl-d14	12.91	244	563686	17.01	ng	-0.03
Target Compounds						Qvalue
6) Aniline	6.48	93	2340822	82.69	ng	# 78
10) Phenol	6.48	94	185140	8.41	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	2340822	137.34	ng	# 30
24) Nitrobenzene	7.49	77	740252	41.20	ng	# 40
25) Isophorone	7.37	82	351488	10.37	ng	# 66
32) Benzoic acid	7.84	122	479	6.29	ng	# 1
49) Dimethylphthalate	9.56	163	163801	4.59	ng	# 89
53) 2,4-Dinitrophenol	9.90	184	291	3.64	ng	# 1
54) Dibenzofuran	10.04	168	1036	Below Cal		# 1
57) Fluorene	10.38	166	1915	Below Cal		# 75
60) 4-Chlorophenyl-phenylether	10.21	204	477	Below Cal		# 21
64) 4,6-Dinitro-2-methylphenol	10.67	198	1503	6.63	ng	# 12
73) Di-n-butylphthalate	11.89	149	9877	Below Cal		# 81

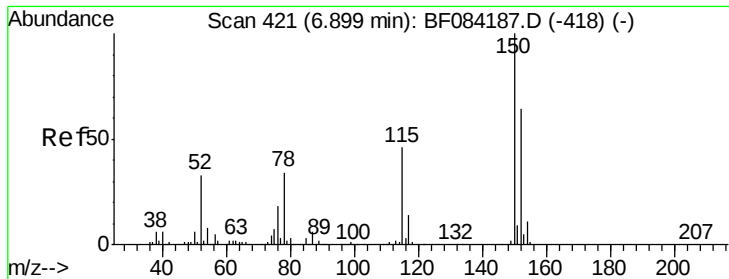
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

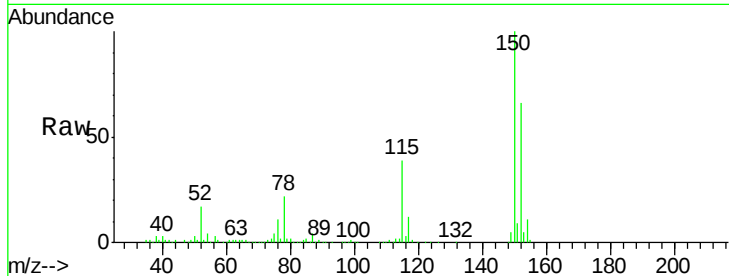
Tgt Ion:152 Resp: 249219

Ion Ratio Lower Upper

152 100

150 152.5 123.0 184.4

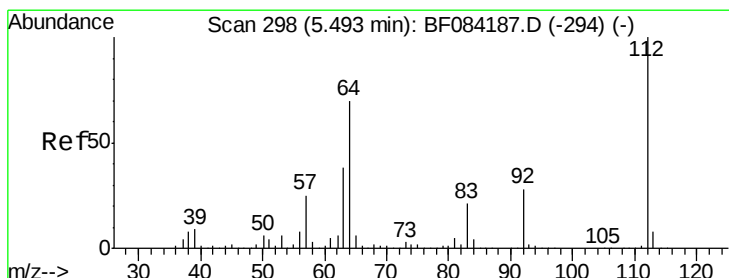
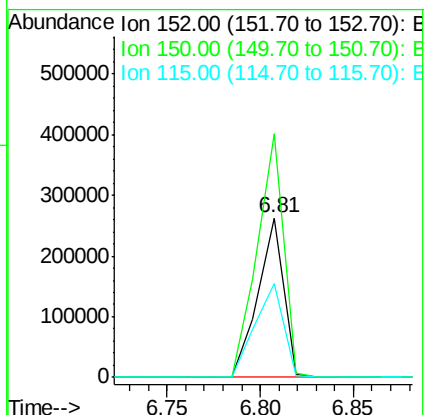
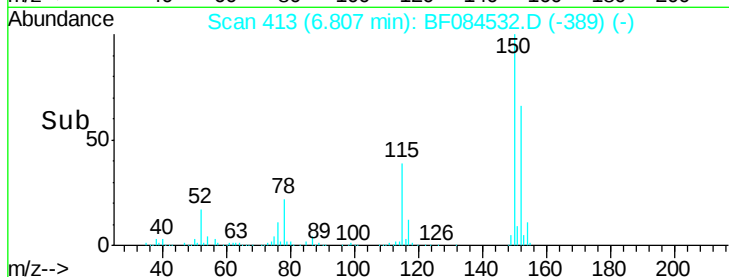
115 58.8 51.4 77.2



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: 10.26 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

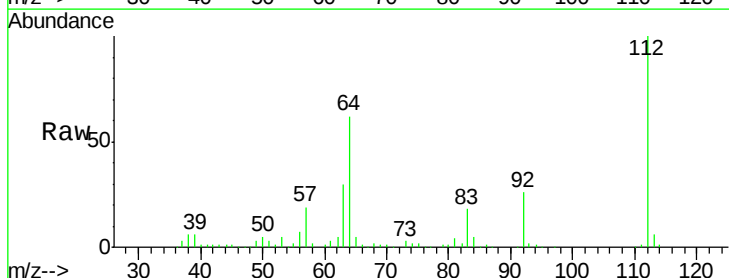
Tgt Ion:112 Resp: 158157

Ion Ratio Lower Upper

112 100

64 62.5 36.6 55.0#

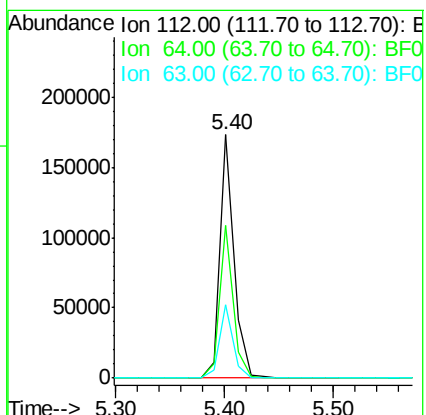
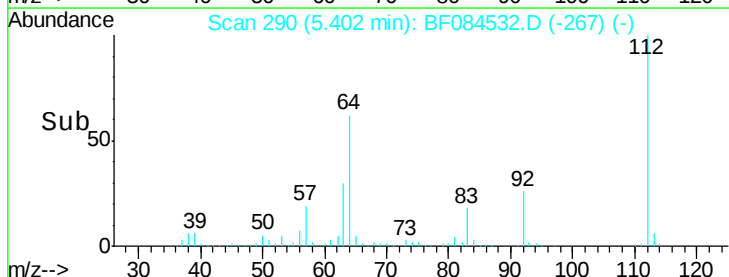
63 30.0 19.4 29.0#

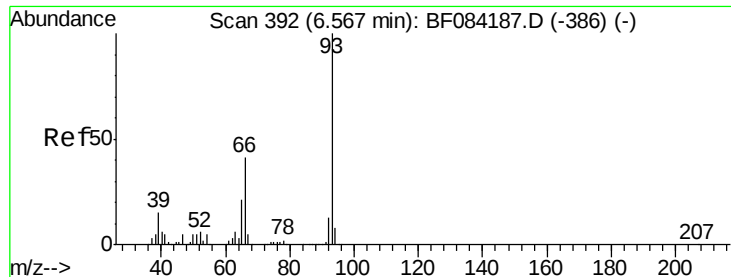


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 82.69 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

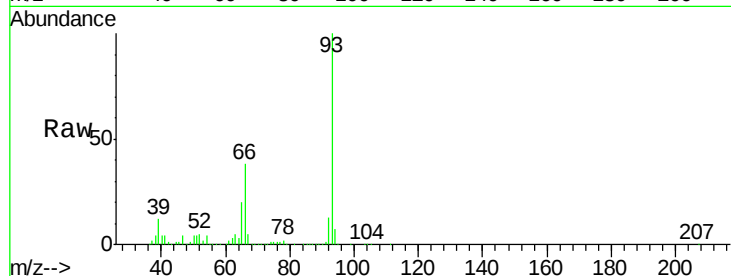
Tgt Ion: 93 Resp: 2340822

Ion Ratio Lower Upper

93 100

66 38.2 44.9 67.3#

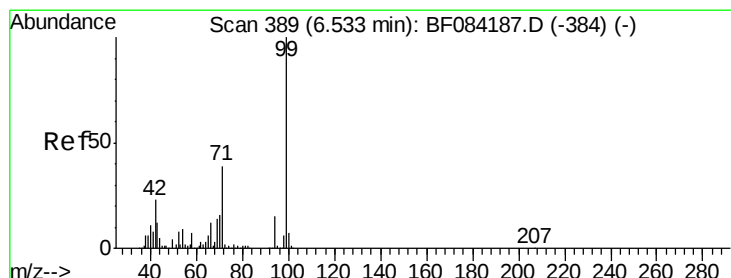
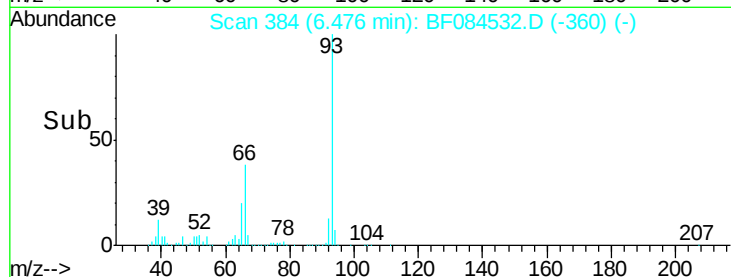
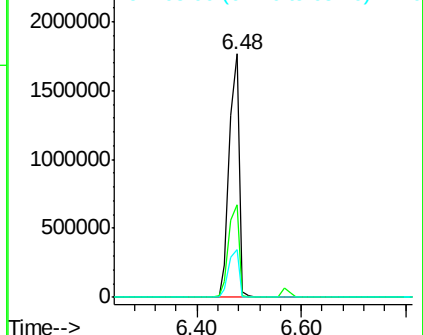
65 19.8 23.7 35.5#



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: 7.56 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

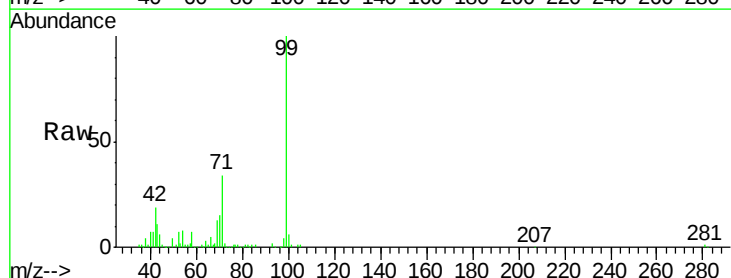
Tgt Ion: 99 Resp: 146351

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

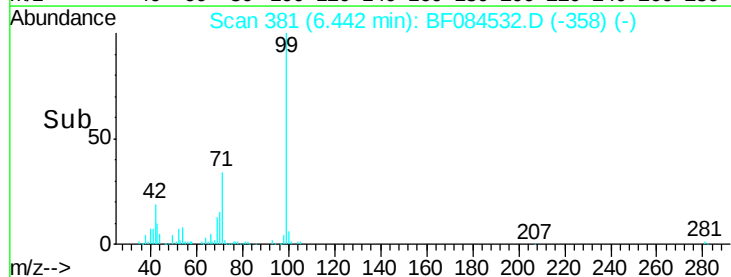
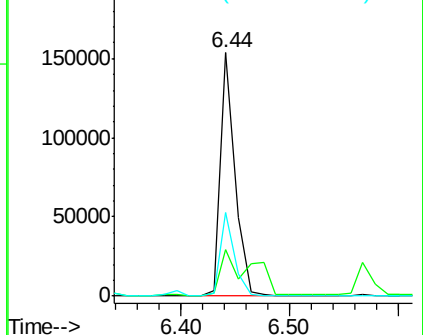
71 34.3 30.9 46.3

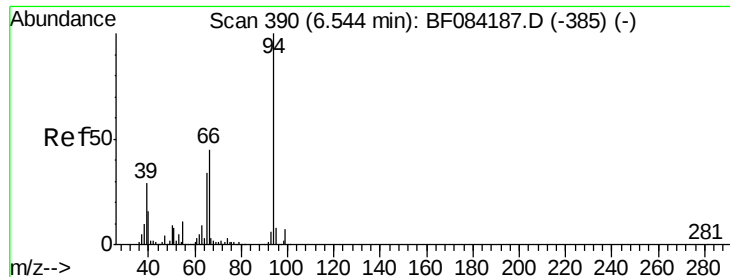


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 8.41 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

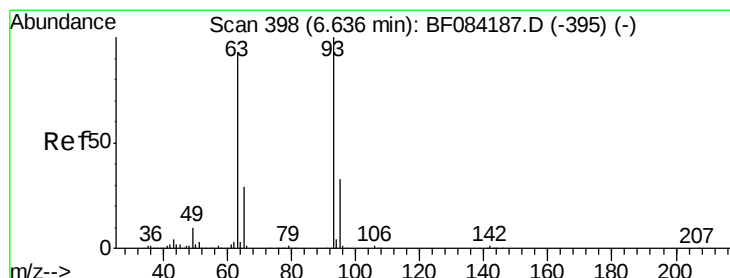
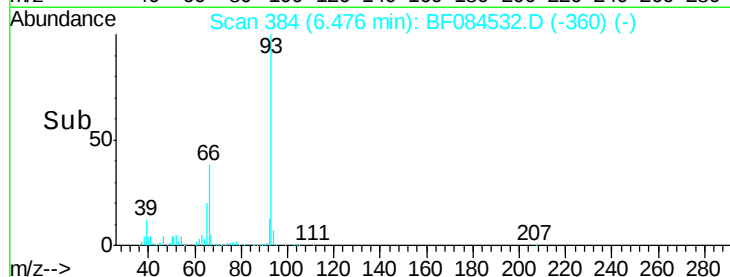
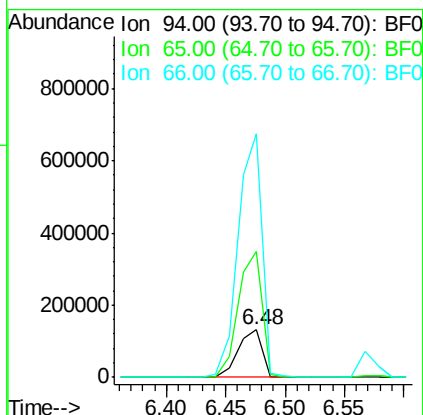
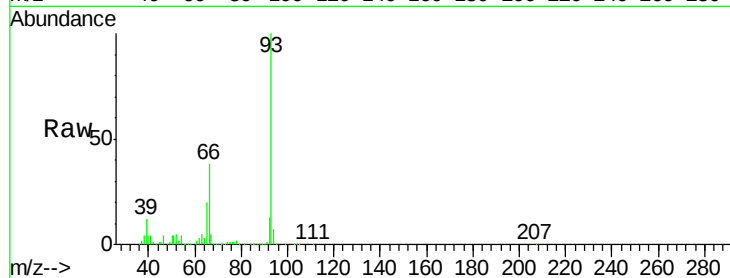
Tgt Ion: 94 Resp: 185140

Ion Ratio Lower Upper

94 100

65 265.6 12.9 52.9#

66 512.4 32.7 72.7#



#11

bis(2-Chloroethyl)ether

Concen: 137.34 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.10 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

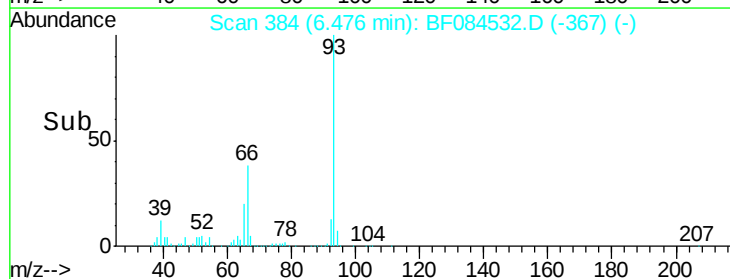
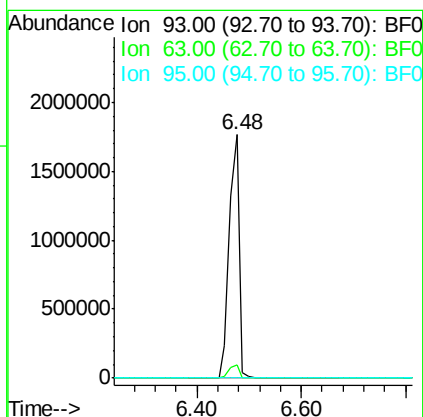
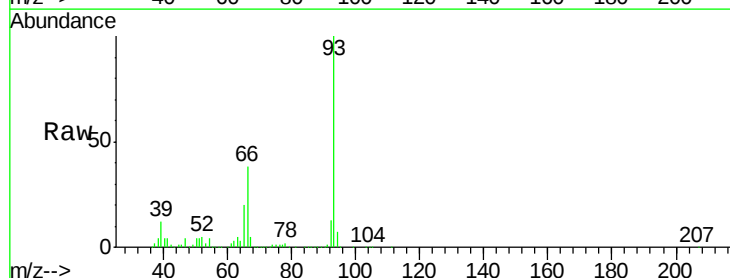
Tgt Ion: 93 Resp: 2340822

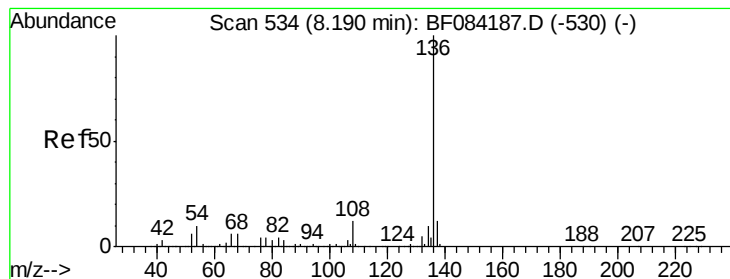
Ion Ratio Lower Upper

93 100

63 5.2 45.9 85.9#

95 0.2 12.3 52.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

Tgt Ion: 136 Resp: 986037

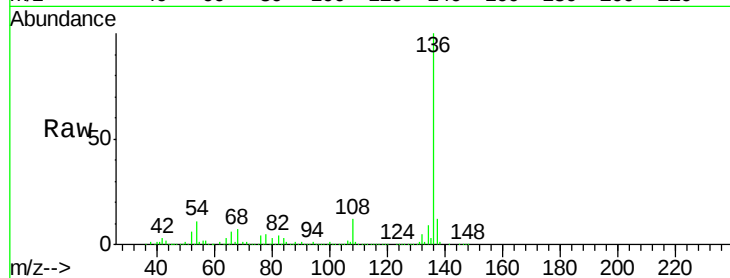
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 11.1 5.8 8.8#

68 6.5 4.2 6.2#

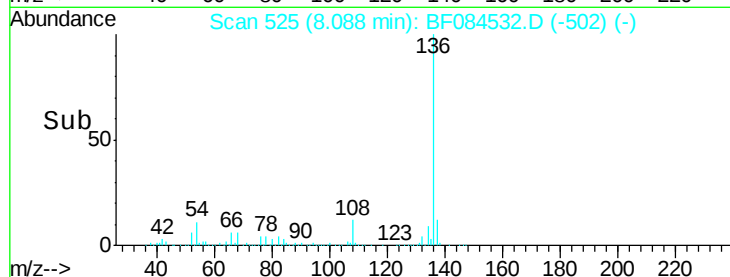


Abundance Ion 136.00 (135.70 to 136.70): E

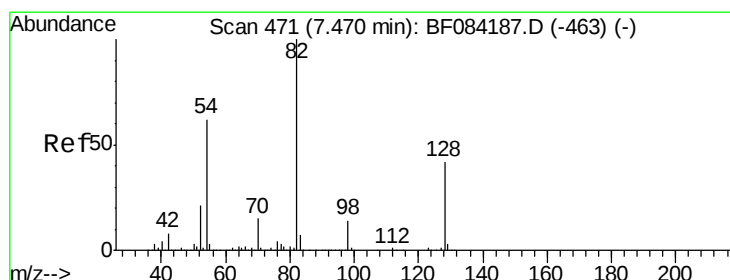
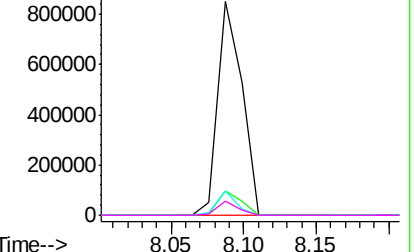
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 23.20 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

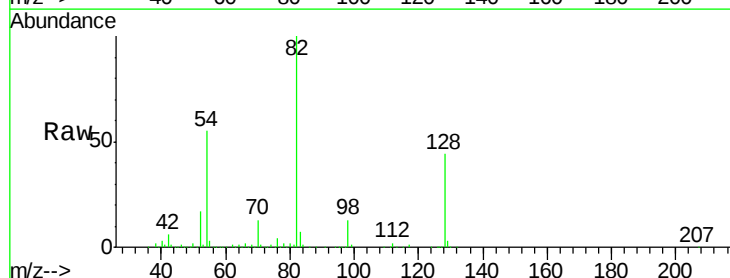
Tgt Ion: 82 Resp: 410950

Ion Ratio Lower Upper

82 100

128 44.2 34.6 51.8

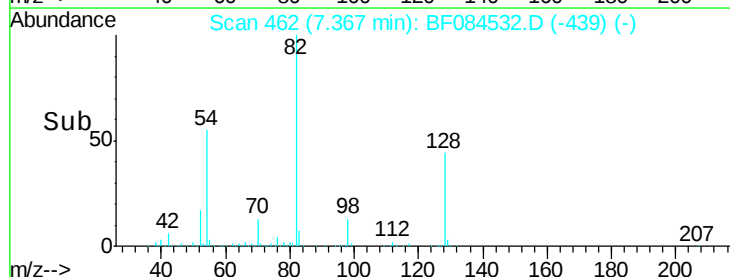
54 55.0 38.4 57.6



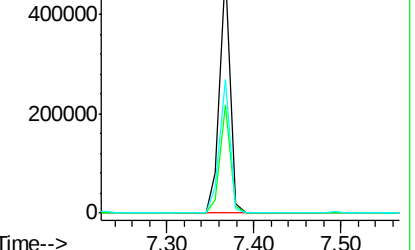
Abundance Ion 82.00 (81.70 to 82.70): BF0

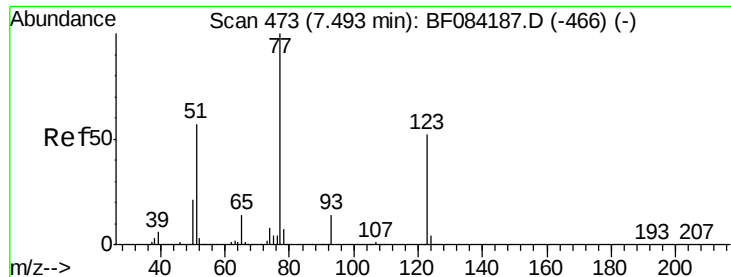
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#24

Nitrobenzene

Concen: 41.20 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.07 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

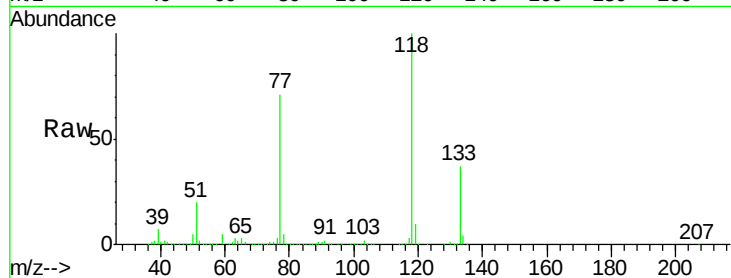
Tgt Ion: 77 Resp: 740252

Ion Ratio Lower Upper

77 100

123 0.0 37.4 56.2#

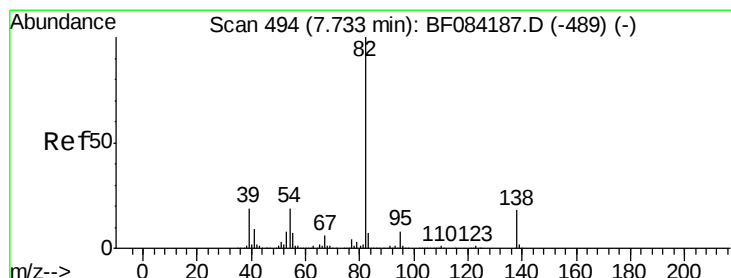
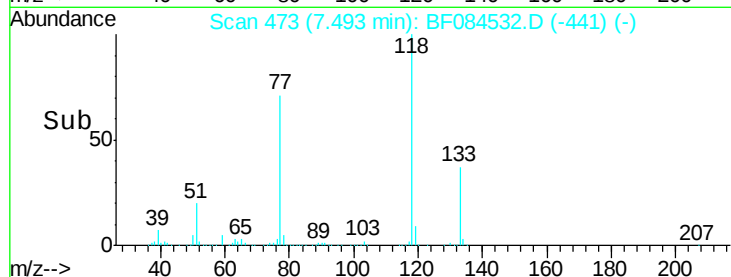
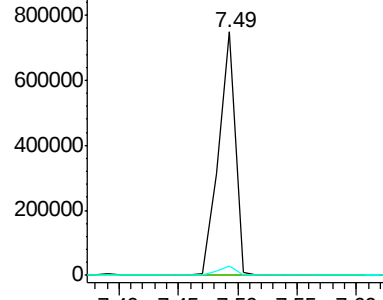
65 3.9 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 10.37 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.30 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

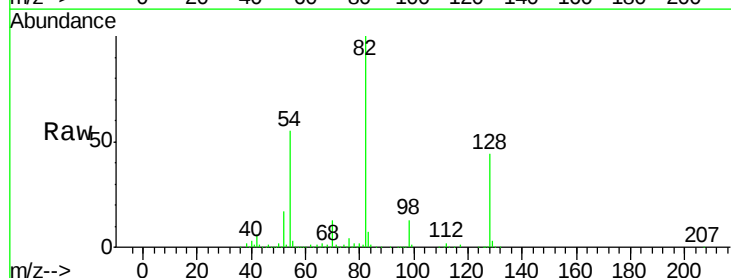
Tgt Ion: 82 Resp: 351488

Ion Ratio Lower Upper

82 100

95 0.1 6.6 10.0#

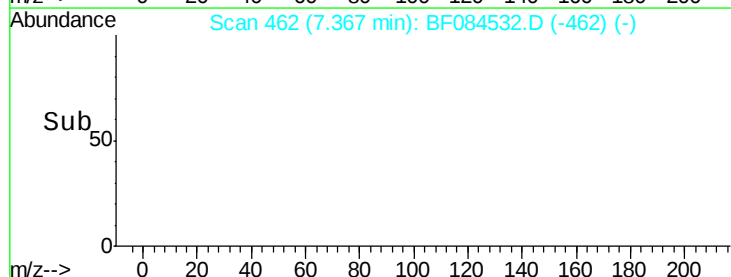
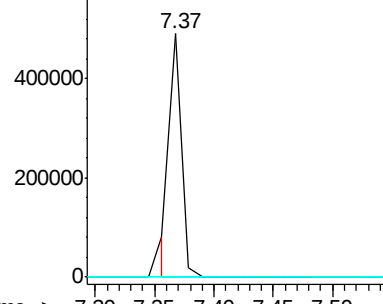
138 0.0 13.6 20.4#

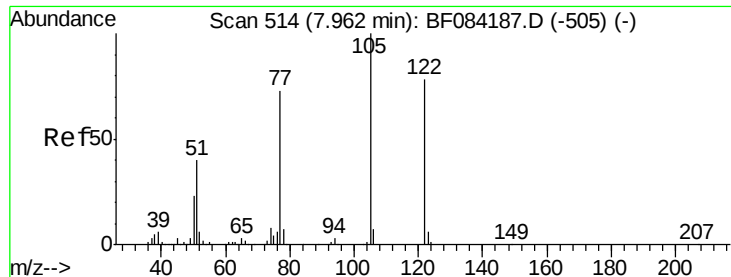


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 6.29 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

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SYS-DIS-011416DL

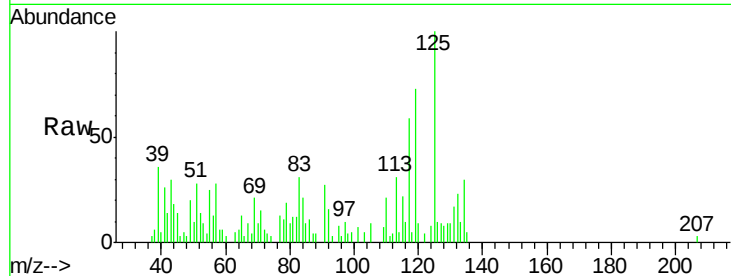
Tgt Ion:122 Resp: 479

Ion Ratio Lower Upper

122 100

105 243.0 100.3 140.3#

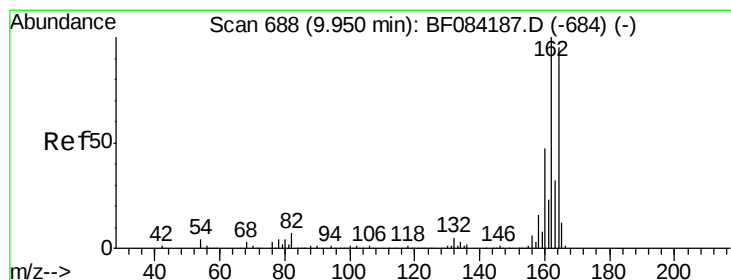
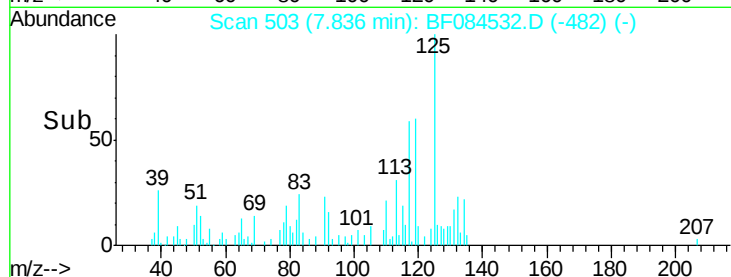
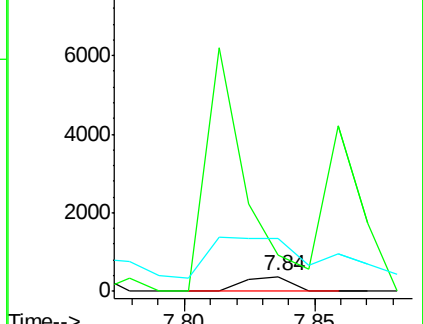
77 351.5 63.5 103.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

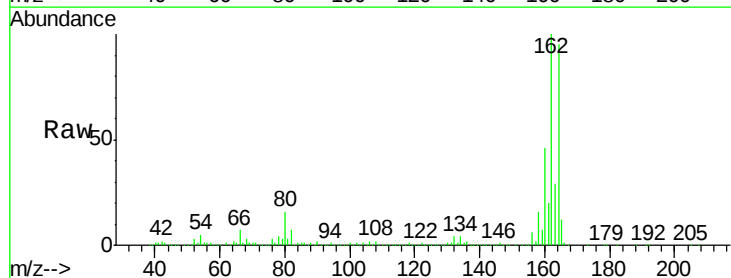
Tgt Ion:164 Resp: 499361

Ion Ratio Lower Upper

164 100

162 105.6 85.1 127.7

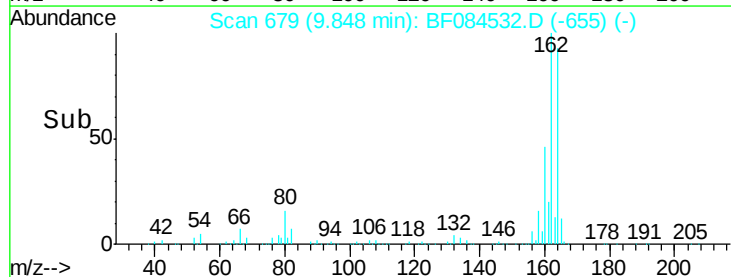
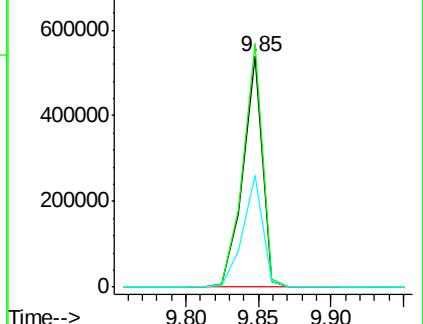
160 48.3 37.5 56.3

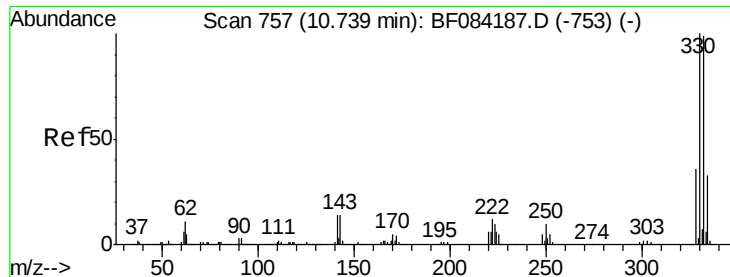


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

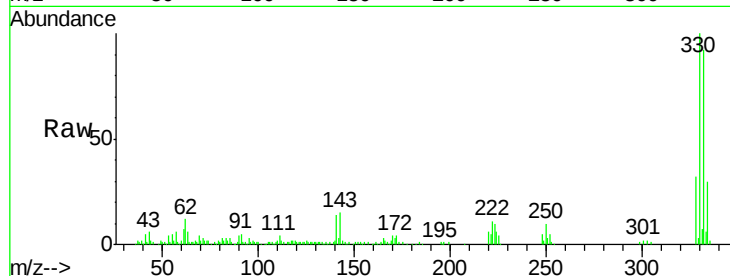




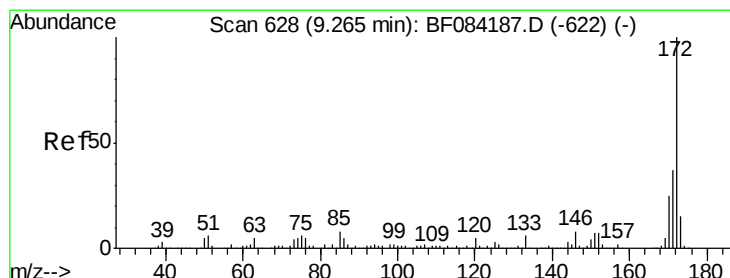
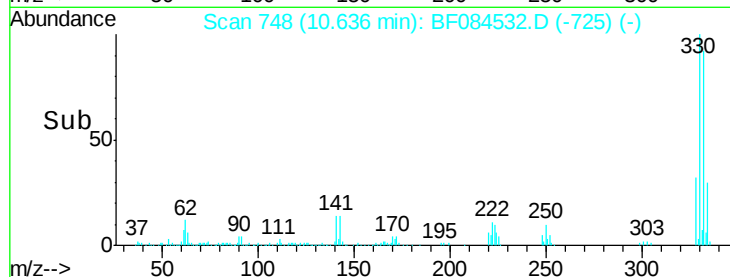
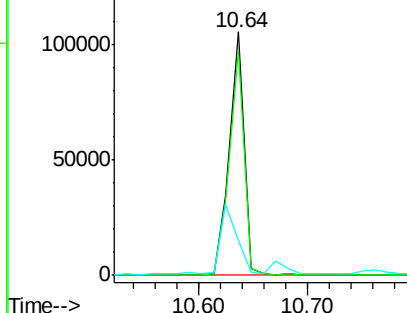
#41
 2,4,6-Tribromophenol
 Concen: 19.89 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF084532.D
 Acq: 17 Jan 2016 13:25

Instrument :
 BNA_F
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 SYS-DIS-011416DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.1	76.6	114.8
141	33.3	27.8	41.6

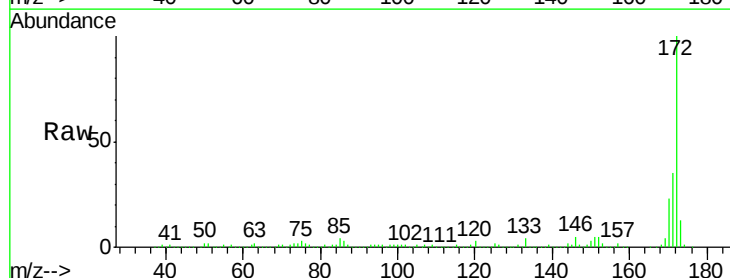


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

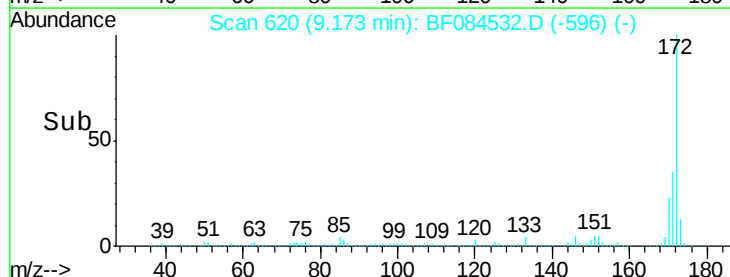
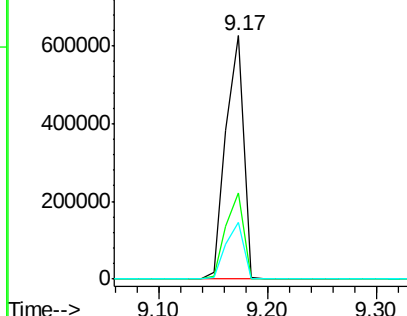


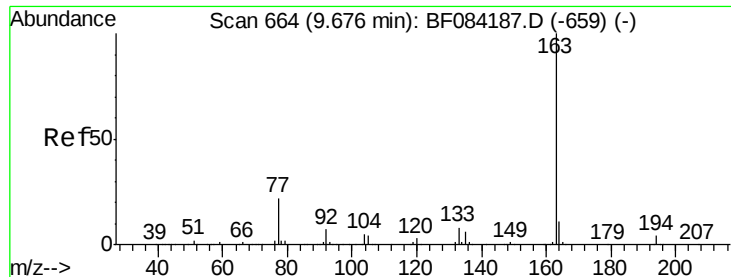
#44
 2-Fluorobiphenyl
 Concen: 20.18 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF084532.D
 Acq: 17 Jan 2016 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.2	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: 4.59 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

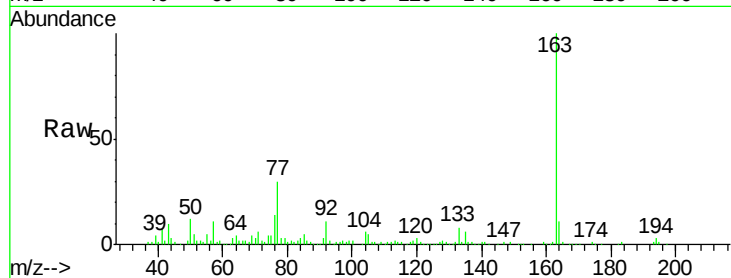
Tgt Ion:163 Resp: 163801

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

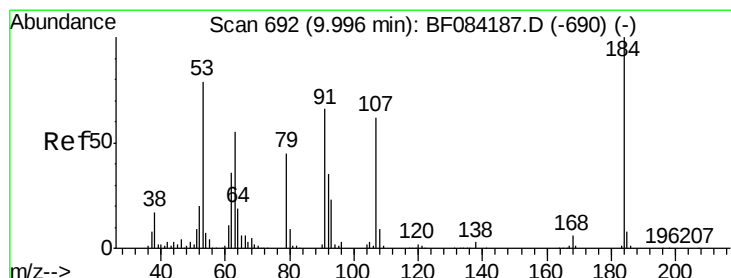
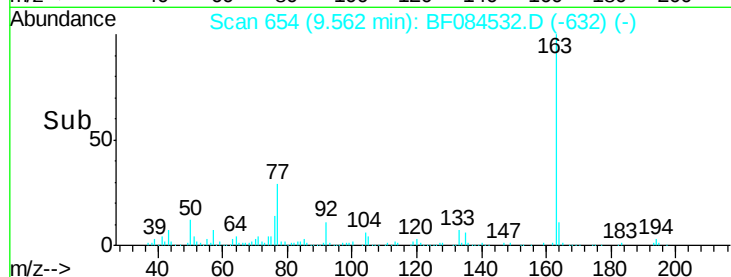
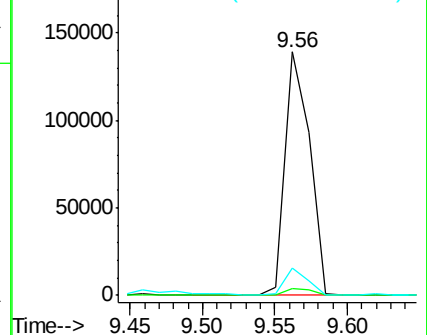
164 11.1 8.0 12.0



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



#53

2,4-Dinitrophenol

Concen: 3.64 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

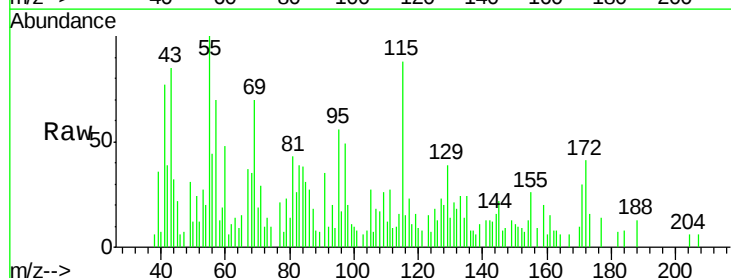
Tgt Ion:184 Resp: 291

Ion Ratio Lower Upper

184 100

63 180.7 43.1 64.7#

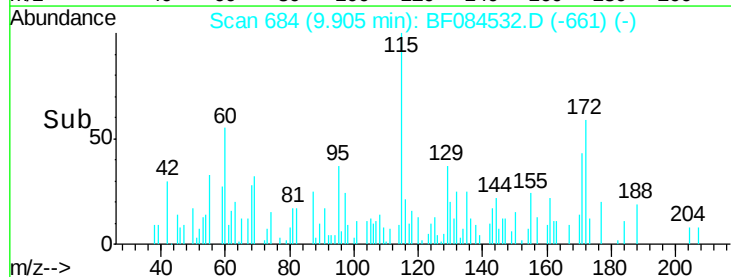
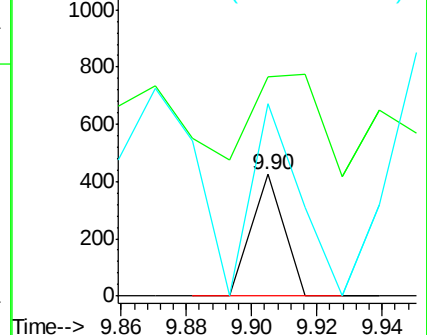
154 158.3 60.5 90.7#

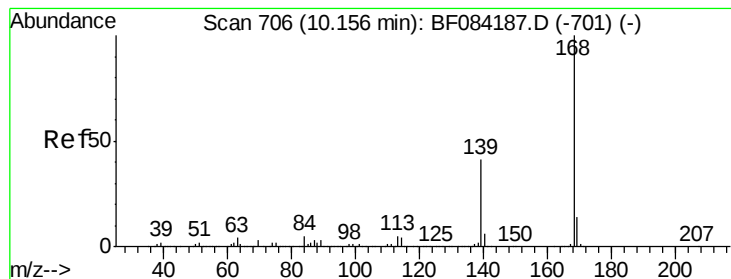


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: Below Cal

RT: 10.04 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

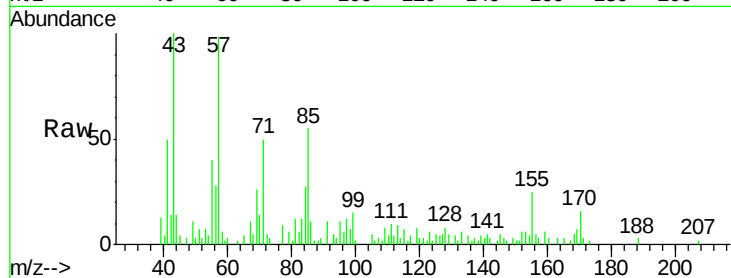
Tgt Ion:168 Resp: 1036

Ion Ratio Lower Upper

168 100

139 76.9 30.5 45.7#

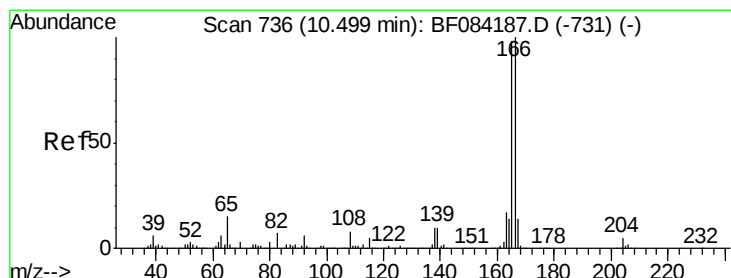
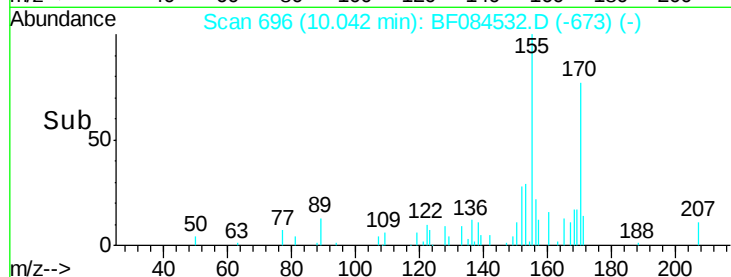
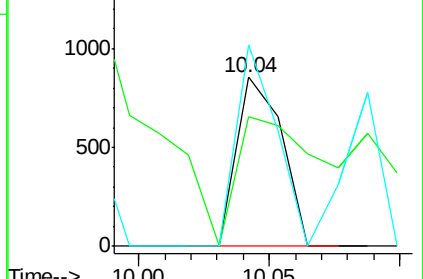
169 119.4 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: Below Cal

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

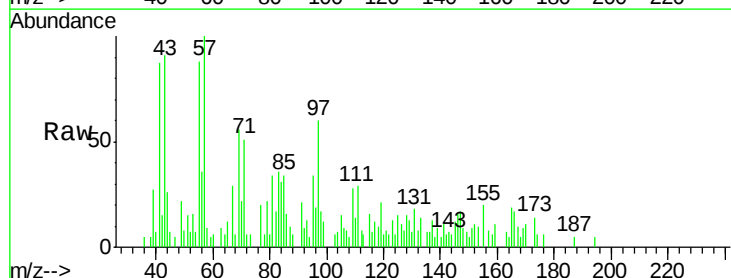
Tgt Ion:166 Resp: 1915

Ion Ratio Lower Upper

166 100

165 111.9 79.1 118.7

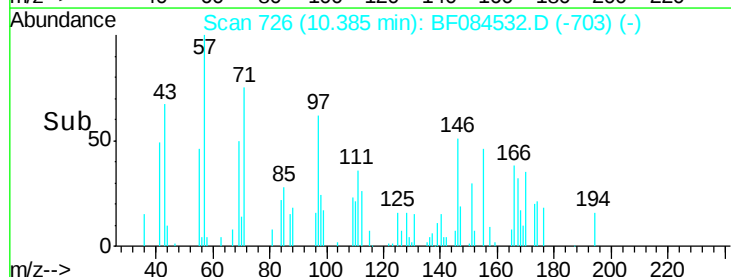
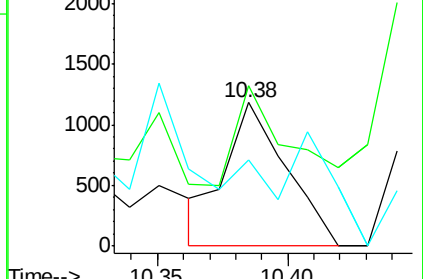
167 60.0 10.4 15.6#

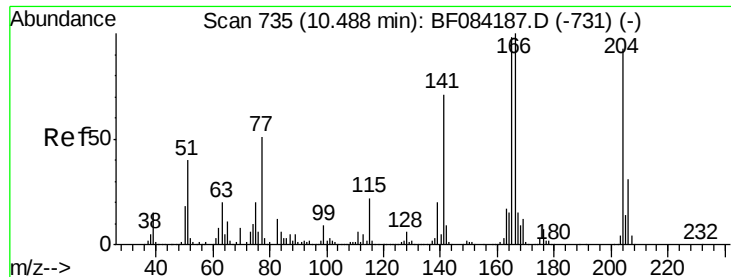


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

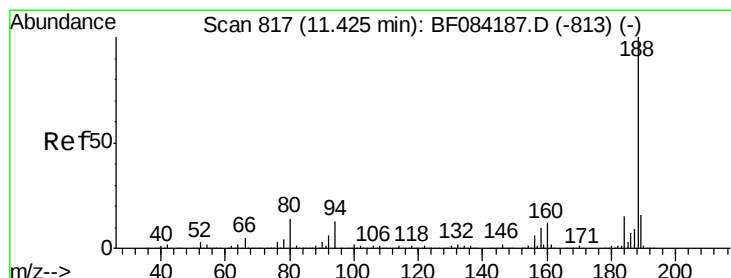
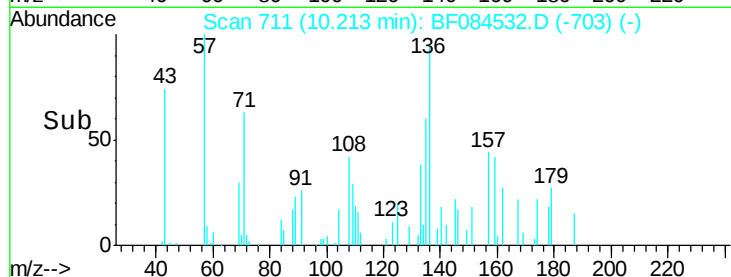
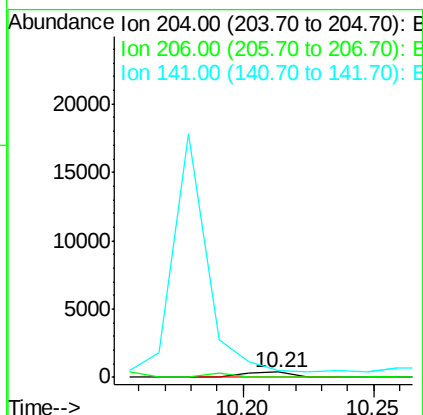
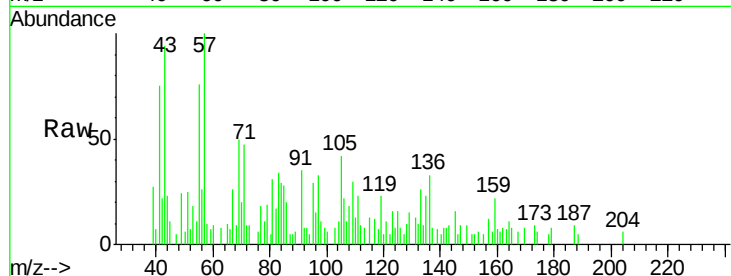




#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.21 min Scan# 711
Delta R.T. -0.21 min
Lab File: BF084532.D
Acq: 17 Jan 2016 13:25

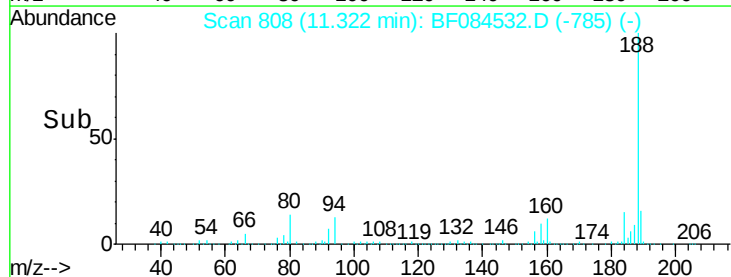
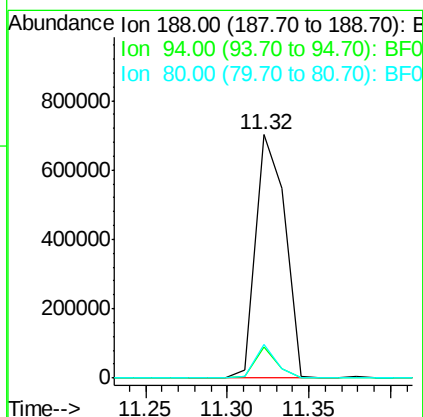
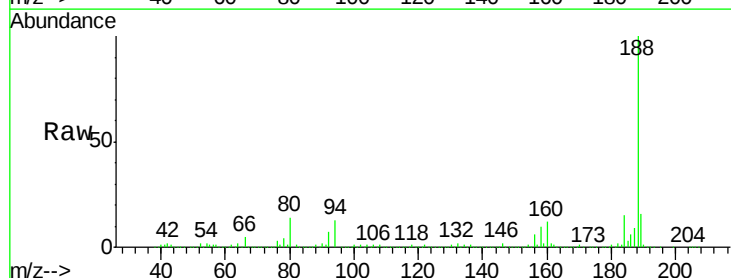
Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

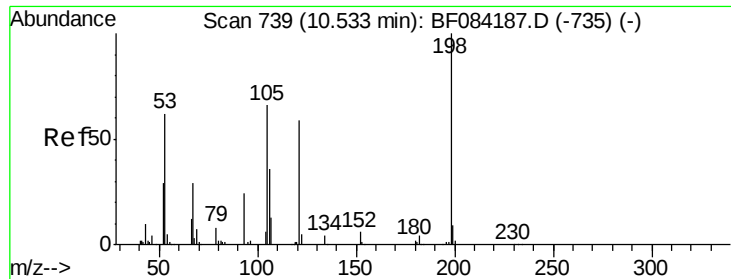
Tgt Ion: 204 Resp: 477
Ion Ratio Lower Upper
204 100
206 0.0 25.7 38.5#
141 141.6 55.1 82.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF084532.D
Acq: 17 Jan 2016 13:25

Tgt Ion: 188 Resp: 878220
Ion Ratio Lower Upper
188 100
94 12.8 9.0 13.4
80 14.1 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.63 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.19 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

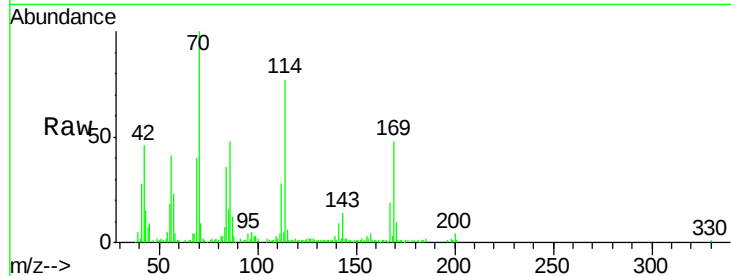
Tgt Ion:198 Resp: 1503

Ion Ratio Lower Upper

198 100

51 94.3 18.9 58.9#

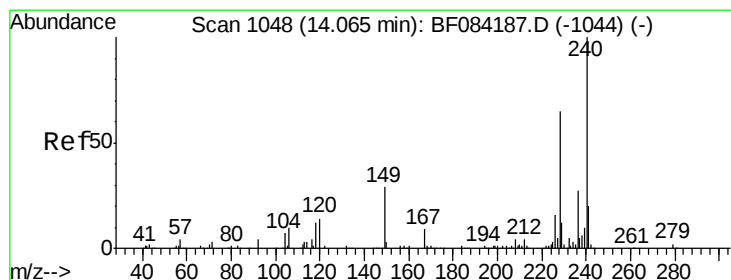
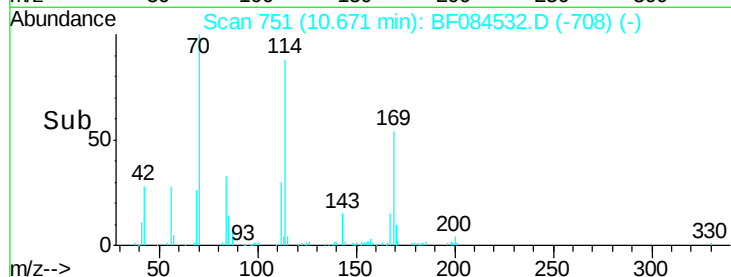
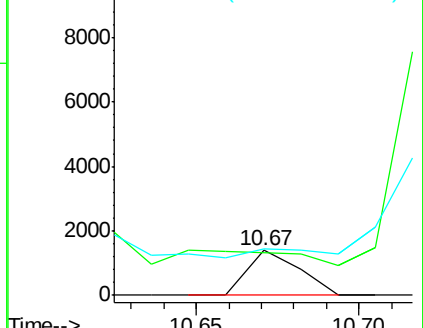
105 103.2 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

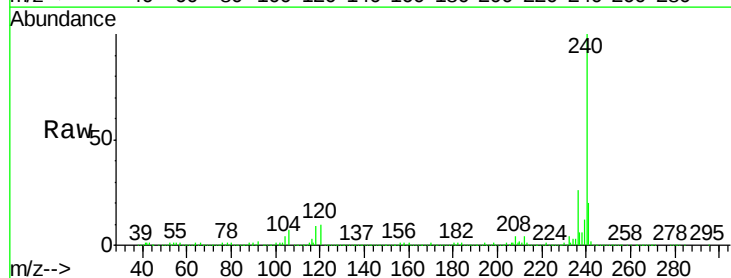
Tgt Ion:240 Resp: 739867

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

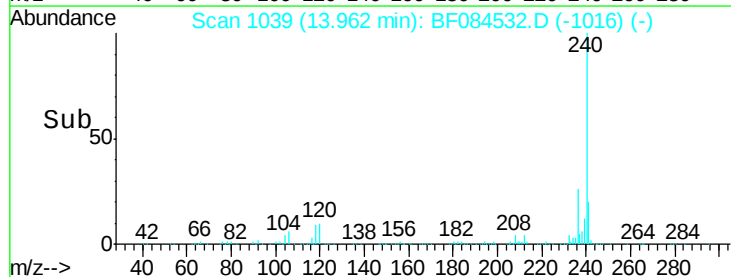
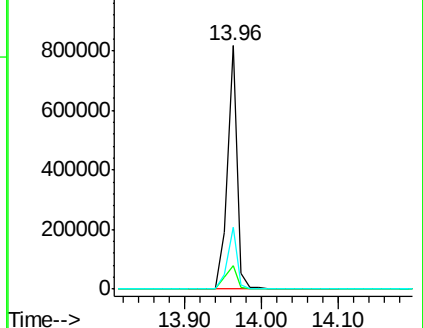
236 25.6 20.6 31.0

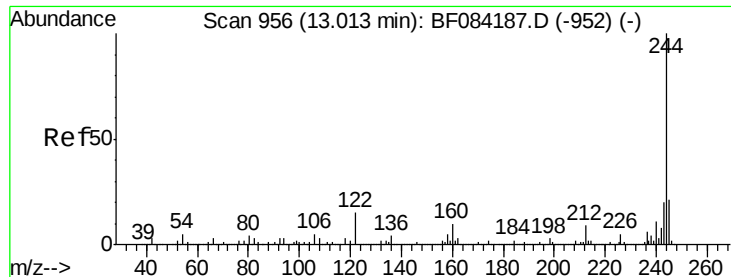


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

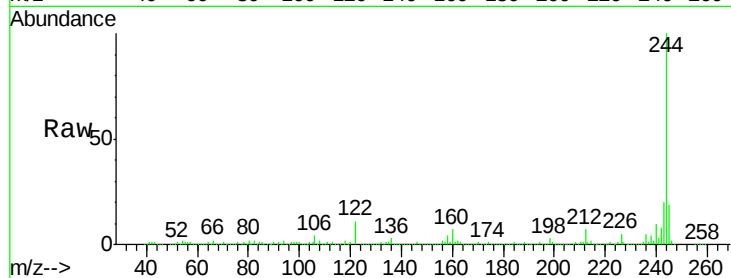




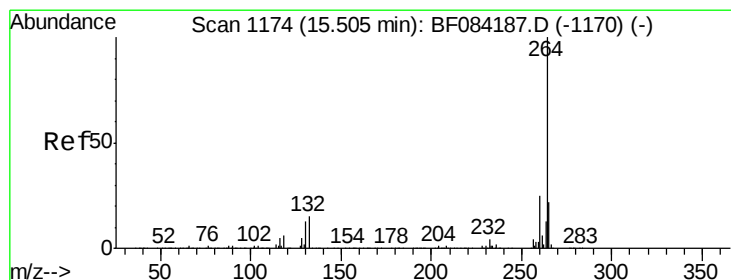
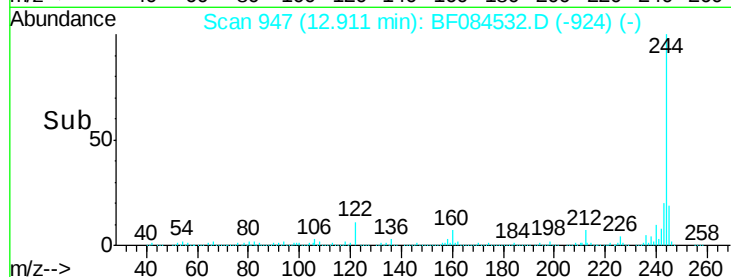
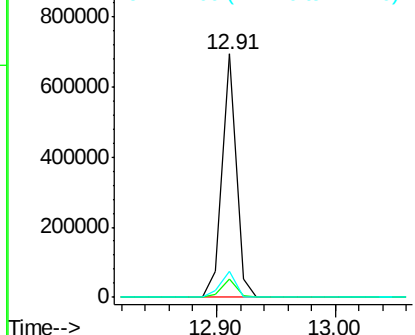
#78
 Terphenyl-d14
 Concen: 17.01 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF084532.D
 Acq: 17 Jan 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-011416DL

Tgt Ion:244 Resp: 563686
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.7 7.4 11.0

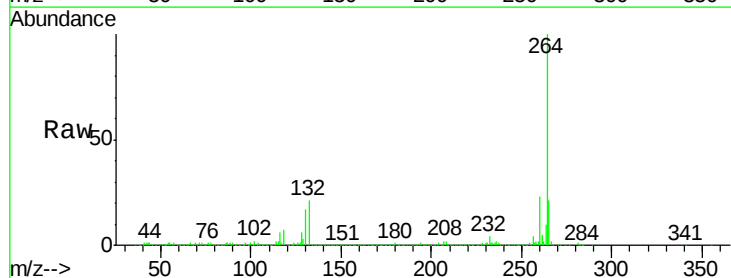


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF084532.D
 Acq: 17 Jan 2016 13:25

Tgt Ion:264 Resp: 515755
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.2 17.8 26.6



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

