

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
 Data File : BF088471.D
 Acq On : 28 Jun 2016 00:46
 Operator : UM/SJ
 Sample : H3630-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01W-1224

Quant Time: Jun 28 04:56:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

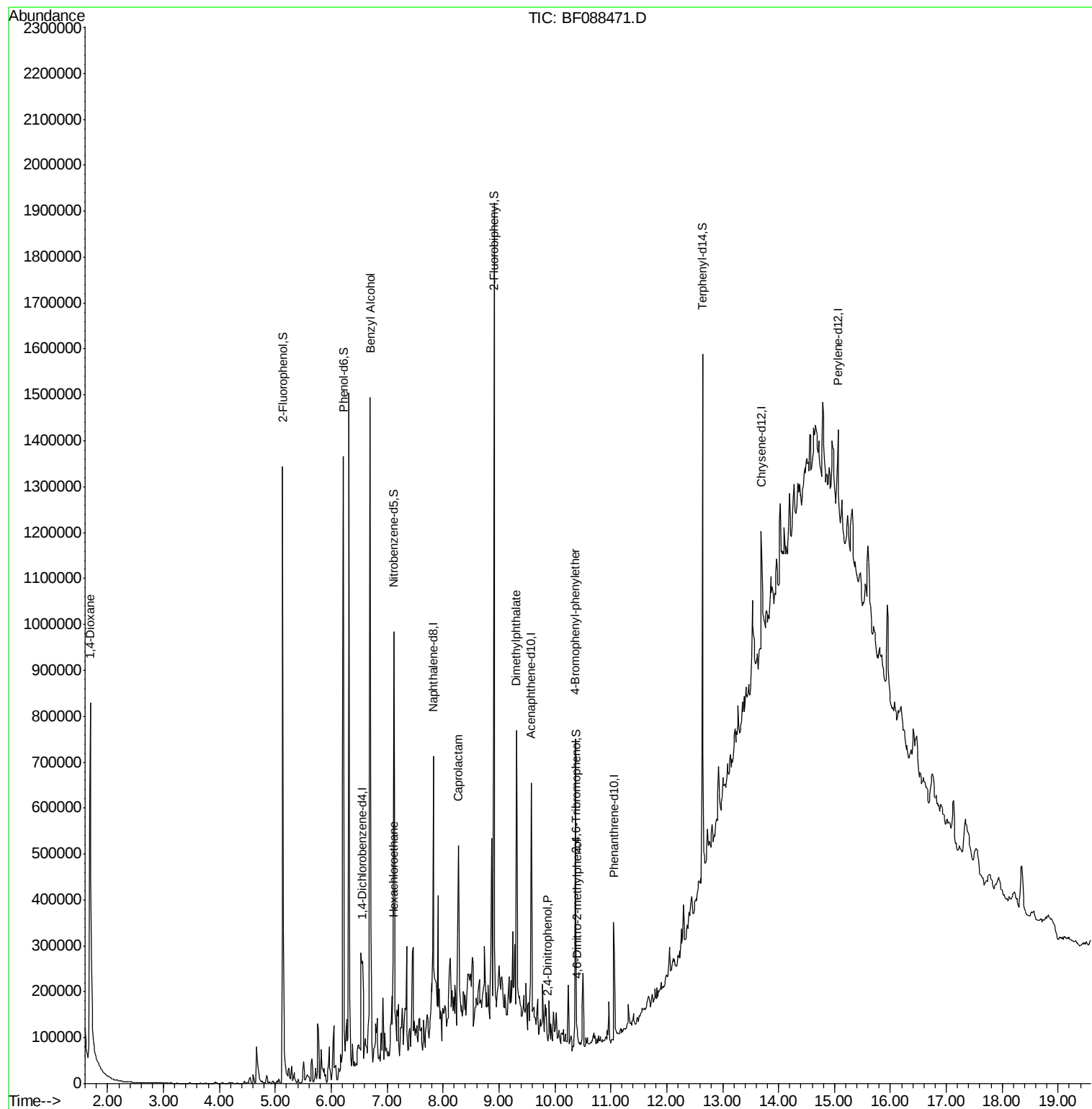
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	61081	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	240640	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	101830	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	144187	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	116307	20.00	ng	0.00
86) Perylene-d12	15.06	264	104161	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	515844	144.38	ng	0.00
7) Phenol-d6	6.22	99	669090	154.52	ng	-0.02
23) Nitrobenzene-d5	7.12	82	382047	92.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.38	330	102274	95.12	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	642631	100.12	ng	-0.01
78) Terphenyl-d14	12.64	244	383606	75.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.69	88	59095	34.04	ng	# 87
10) Phenol	6.23	94	3131	Below Cal		# 1
15) Benzyl Alcohol	6.70	79	6894	2.04	ng	# 42
18) Hexachloroethane	7.11	117	17207	10.61	ng	# 2
35) Caprolactam	8.27	113	14502	13.32	ng	# 77
45) 1,1'-Biphenyl	9.02	154	294	Below Cal		# 55
49) Dimethylphthalate	9.31	163	122092	16.55	ng	# 99
53) 2,4-Dinitrophenol	9.87	184	762	4.11	ng	# 54
57) Fluorene	10.12	166	3247	Below Cal		# 87
64) 4,6-Dinitro-2-methylphenol	10.39	198	573	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.36	248	6244	4.04	ng	# 1

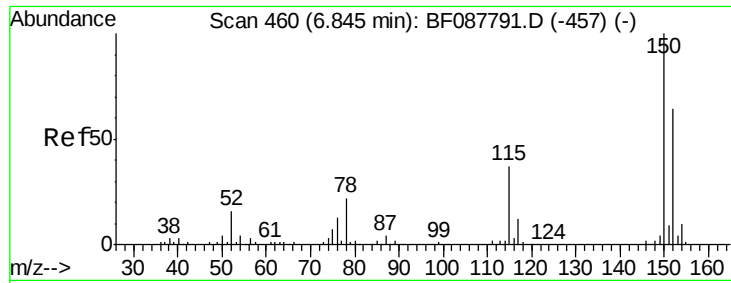
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

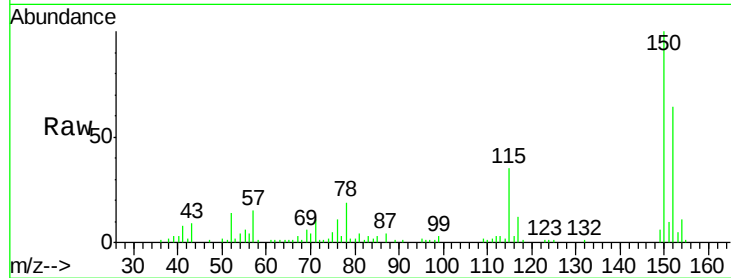
Tgt Ion:152 Resp: 61081

Ion Ratio Lower Upper

152 100

150 155.3 123.8 185.6

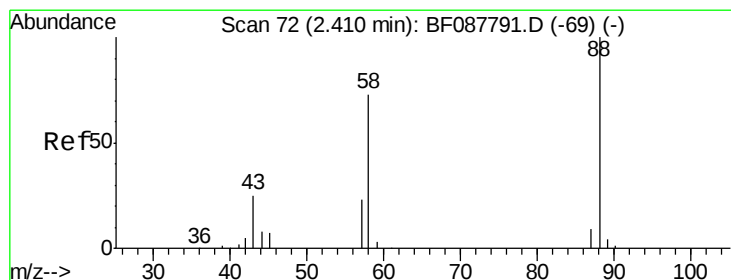
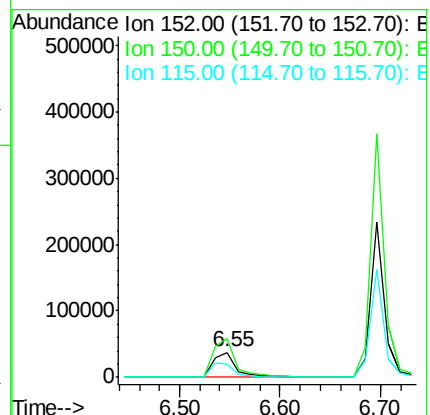
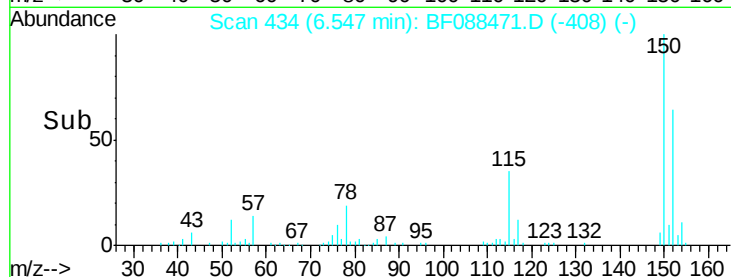
115 54.5 39.6 59.4



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: 34.04 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

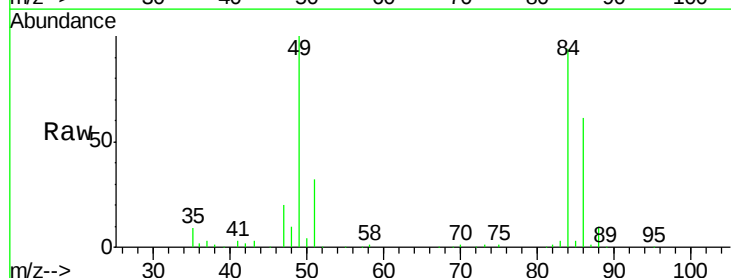
Tgt Ion: 88 Resp: 59095

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

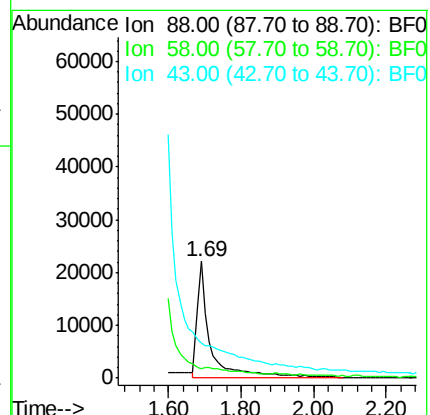
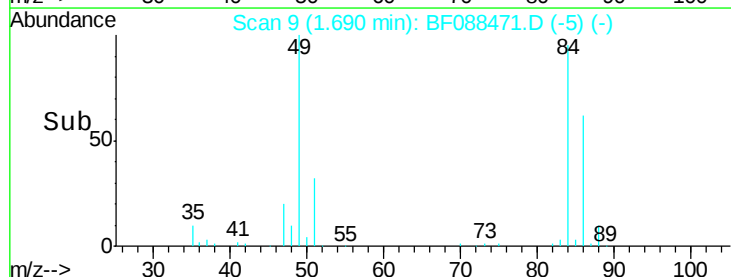
43 0.0 3.4 5.2#

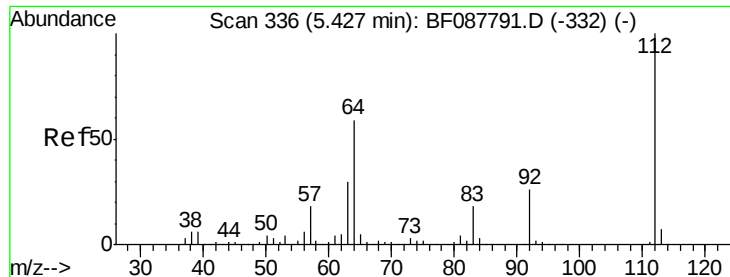


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 144.38 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

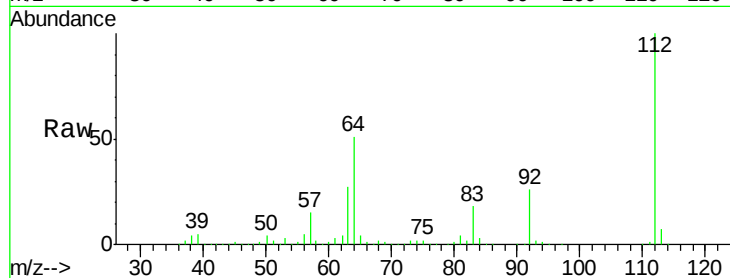
Tgt Ion: 112 Resp: 515844

Ion Ratio Lower Upper

112 100

64 50.9 42.2 63.2

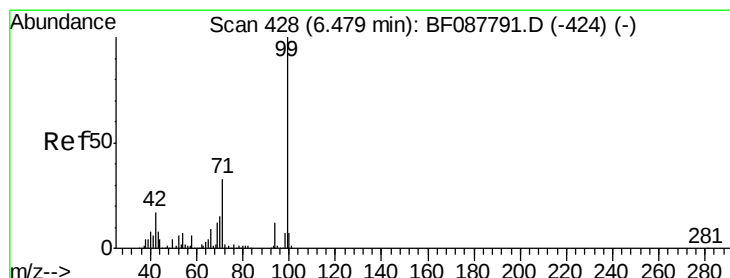
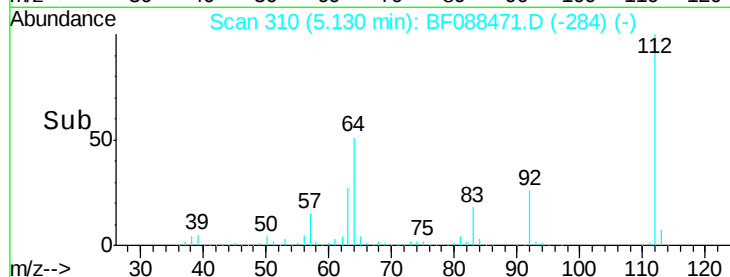
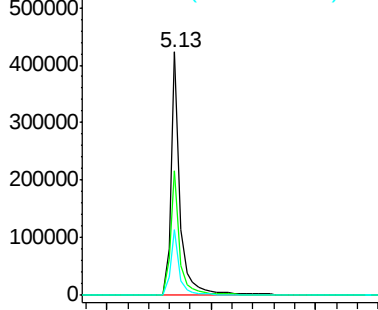
63 26.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 154.52 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

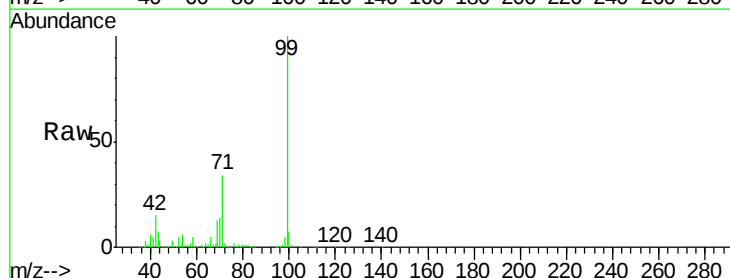
Tgt Ion: 99 Resp: 669090

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

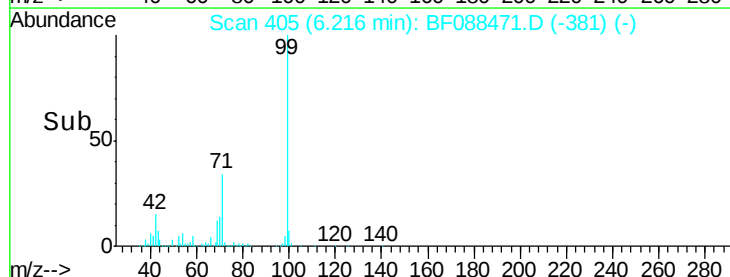
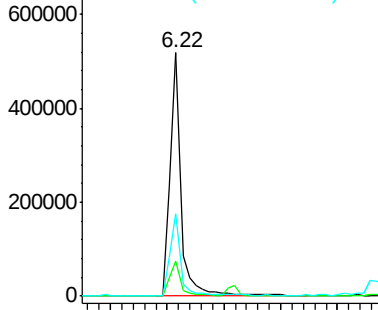
71 33.9 23.4 35.0

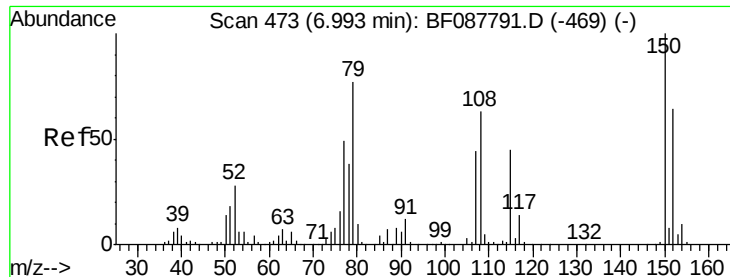


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

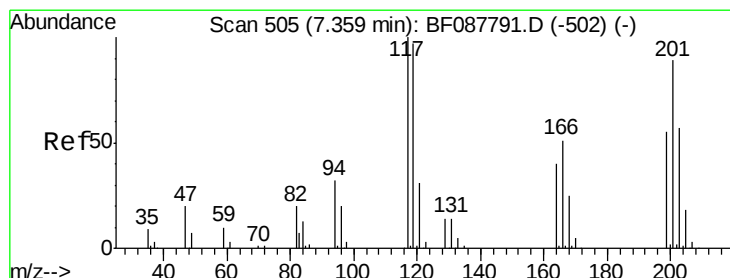
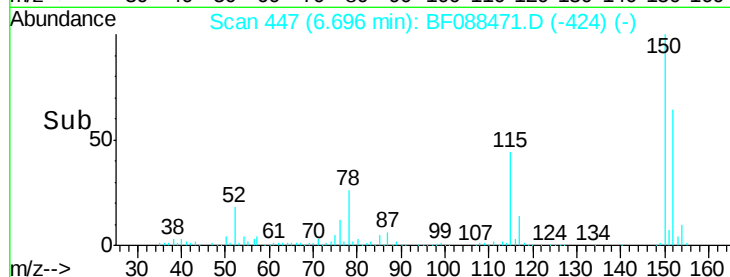
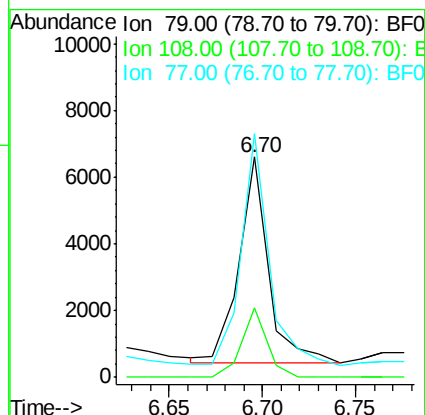
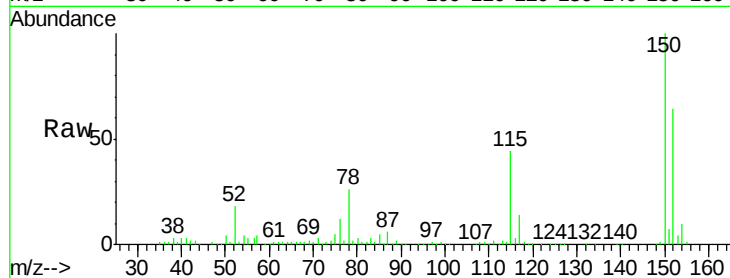
Tgt Ion: 79 Resp: 6894

Ion Ratio Lower Upper

79 100

108 31.8 65.0 97.6#

77 110.4 50.3 75.5#



#18

Hexachloroethane

Concen: 10.61 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.05 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

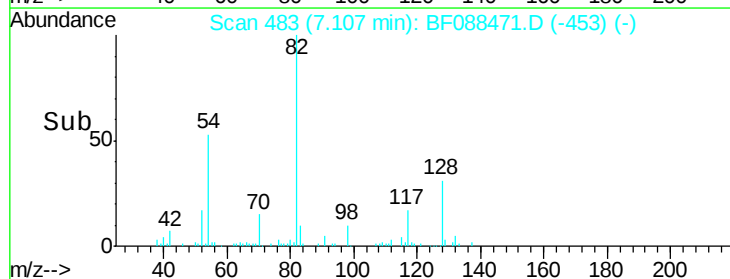
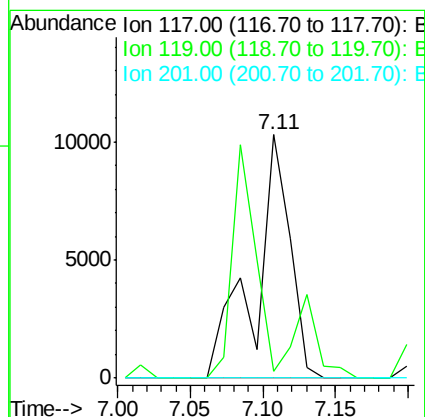
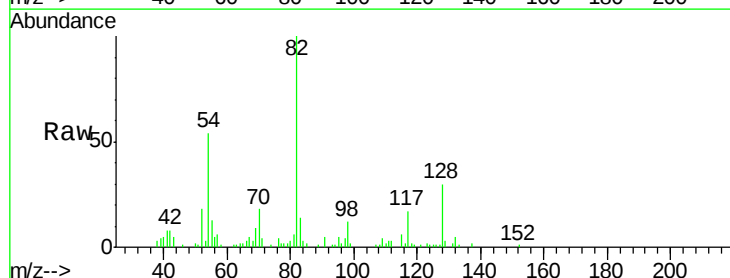
Tgt Ion: 117 Resp: 17207

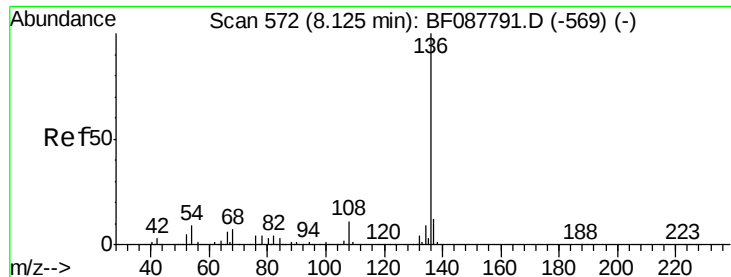
Ion Ratio Lower Upper

117 100

119 3.0 77.4 116.2#

201 0.0 80.4 120.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

Tgt Ion:136 Resp: 240640

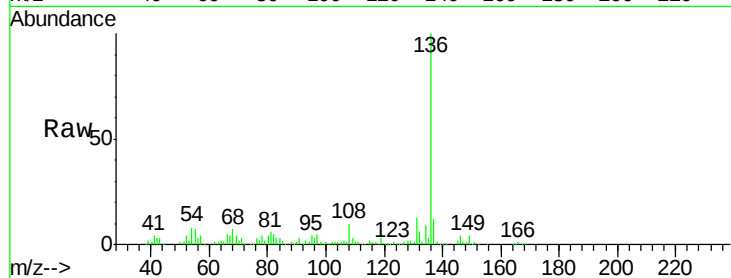
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.0 6.6 10.0

68 6.8 5.1 7.7

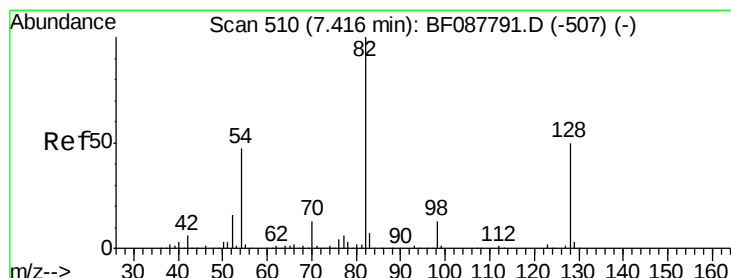
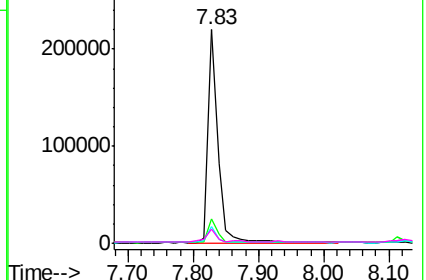
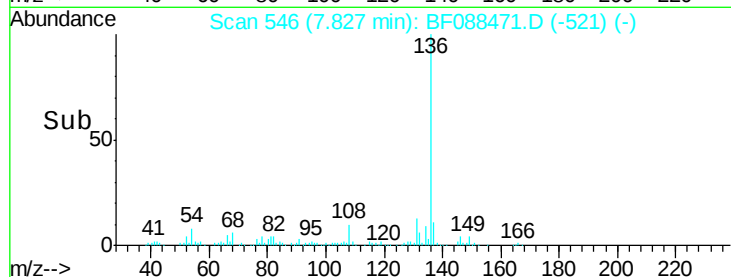


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.71 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

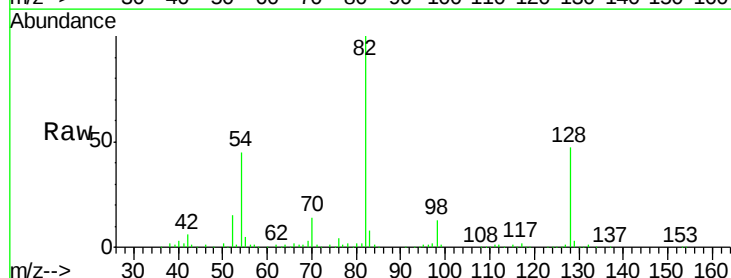
Tgt Ion: 82 Resp: 382047

Ion Ratio Lower Upper

82 100

128 46.7 35.9 53.9

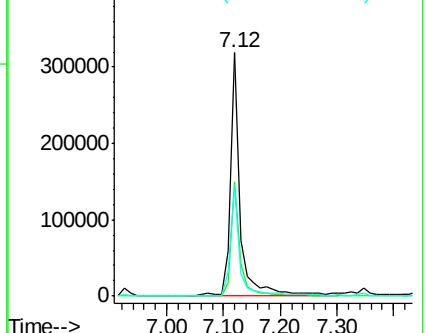
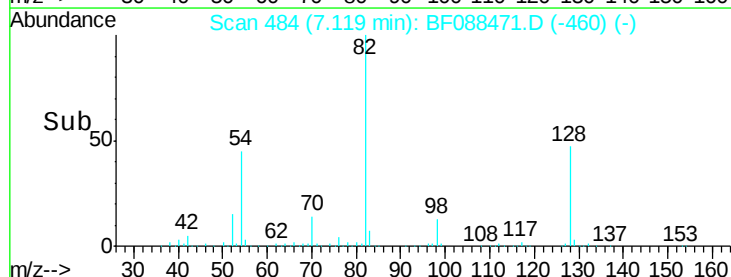
54 45.5 40.9 61.3

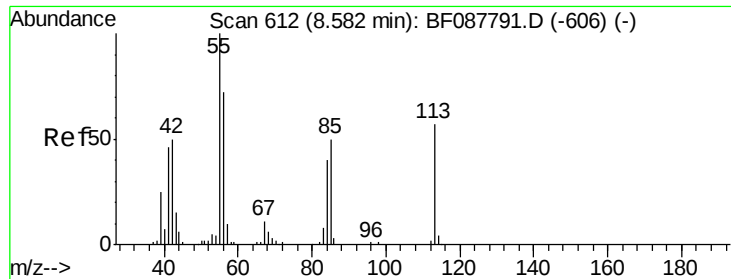


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

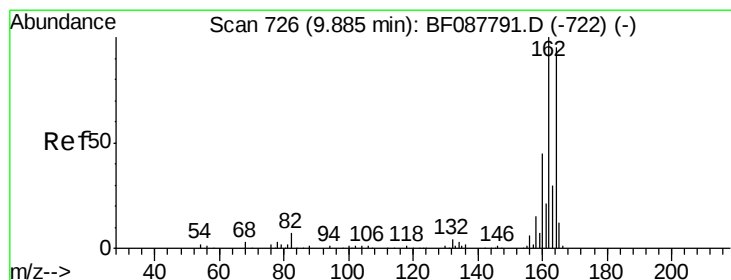
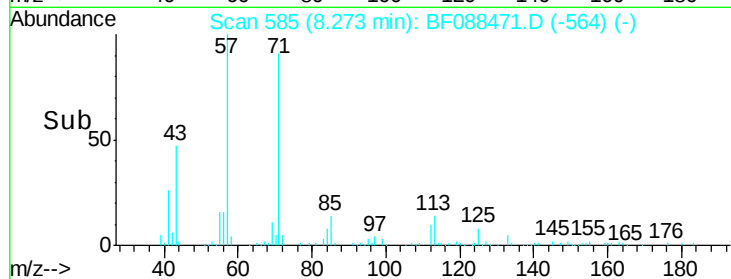
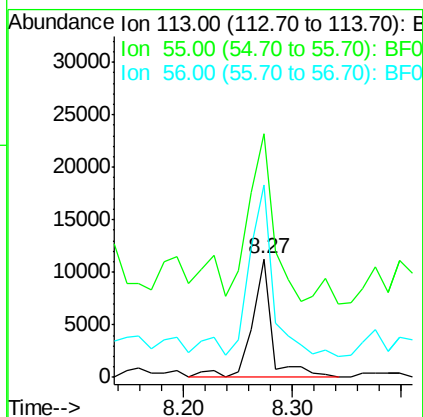
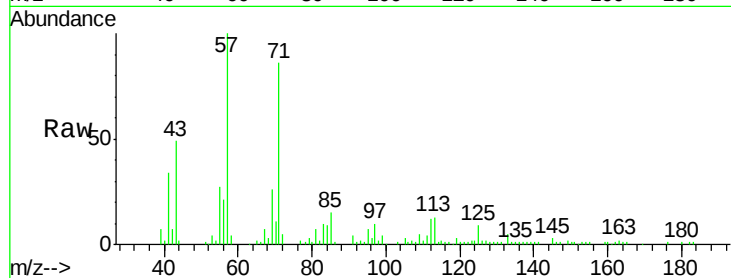




#35
 Caprolactam
 Concen: 13.32 ng
 RT: 8.27 min Scan# 585
 Delta R.T. -0.06 min
 Lab File: BF088471.D
 Acq: 28 Jun 2016 00:46

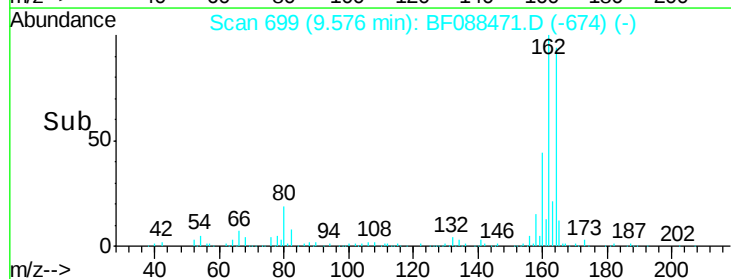
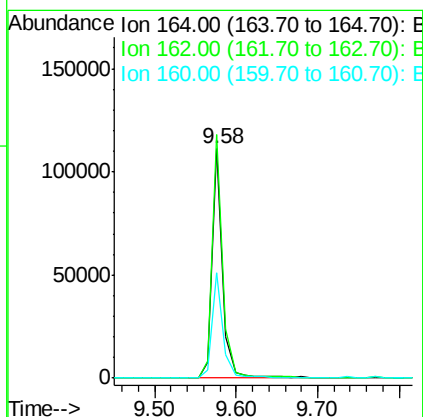
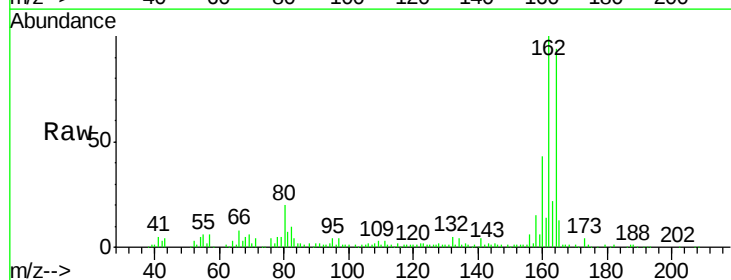
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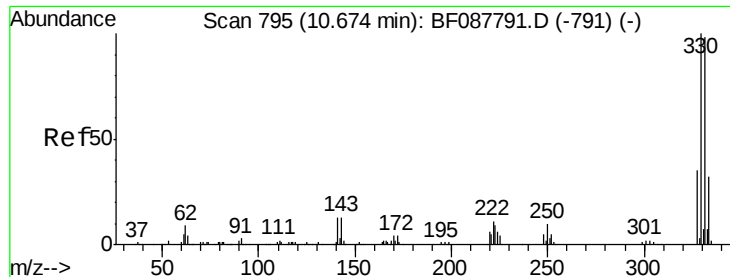
Tgt Ion:113 Resp: 14502
 Ion Ratio Lower Upper
 113 100
 55 205.8 158.6 198.6#
 56 162.8 110.6 150.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF088471.D
 Acq: 28 Jun 2016 00:46

Tgt Ion:164 Resp: 101830
 Ion Ratio Lower Upper
 164 100
 162 106.2 85.4 128.2
 160 46.1 39.5 59.3

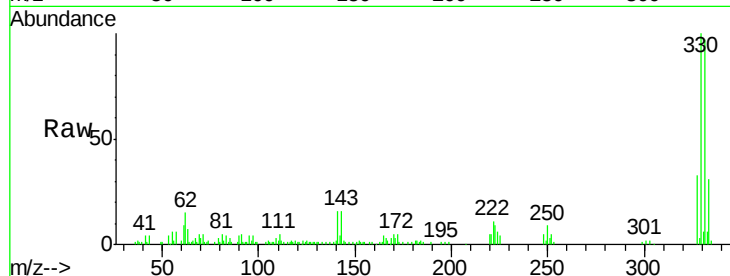




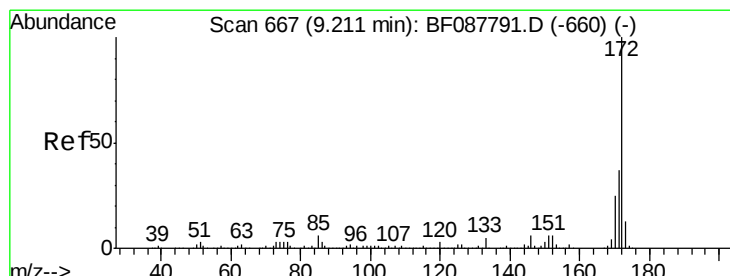
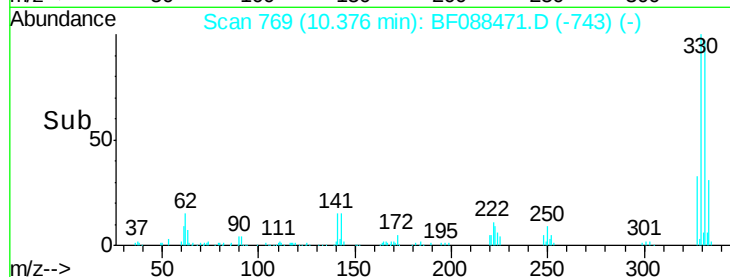
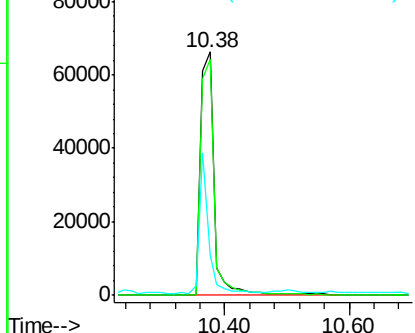
#41
 2,4,6-Tribromophenol
 Concen: 95.12 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088471.D
 Acq: 28 Jun 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01W-1224

Tgt Ion:330 Resp: 102274
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 37.5 0.0 0.0#

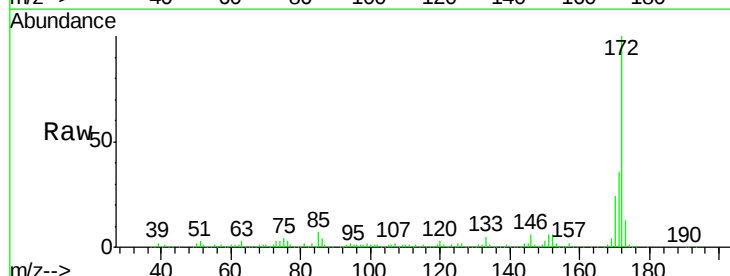


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

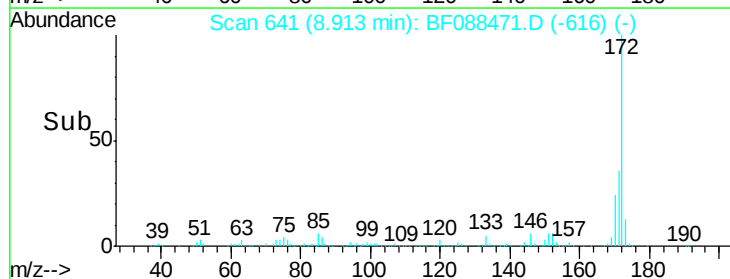
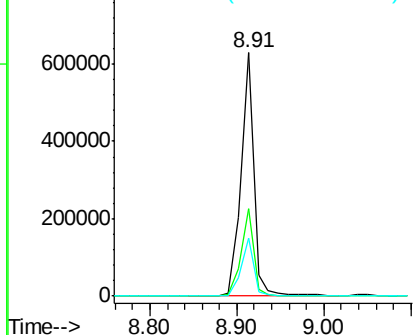


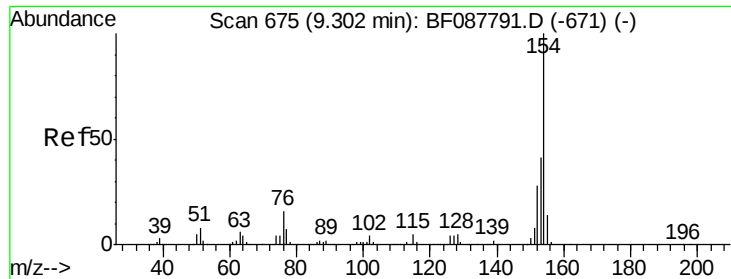
#44
 2-Fluorobiphenyl
 Concen: 100.12 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088471.D
 Acq: 28 Jun 2016 00:46

Tgt Ion:172 Resp: 642631
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.8 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

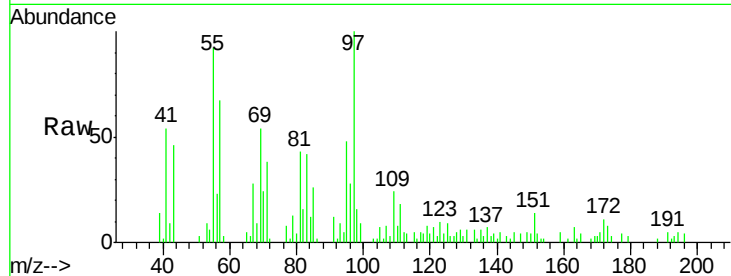
Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

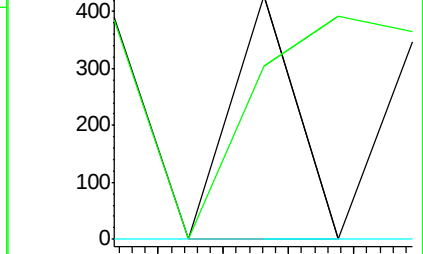
Tgt Ion:	154	Resp:	294
Ion	Ratio	Lower	Upper
154	100		
153	71.0	20.6	60.6#
76	0.0	0.0	35.1



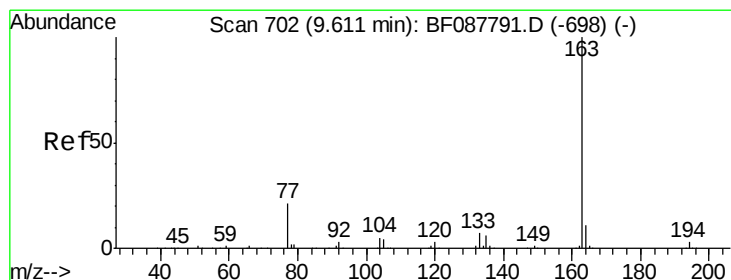
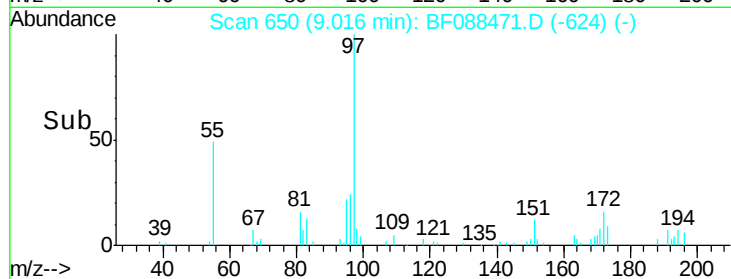
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



Time-->



#49

Dimethylphthalate

Concen: 16.55 ng

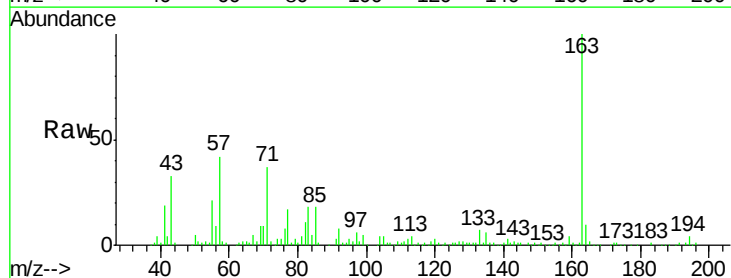
RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

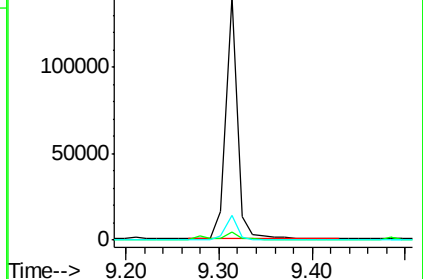
Tgt Ion:	163	Resp:	122092
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.0	8.3	12.5



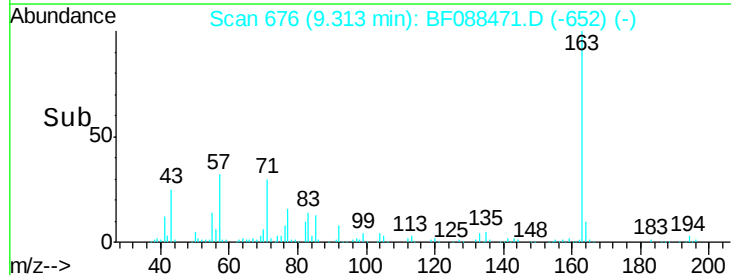
Abundance Ion 163.00 (162.70 to 163.70): E

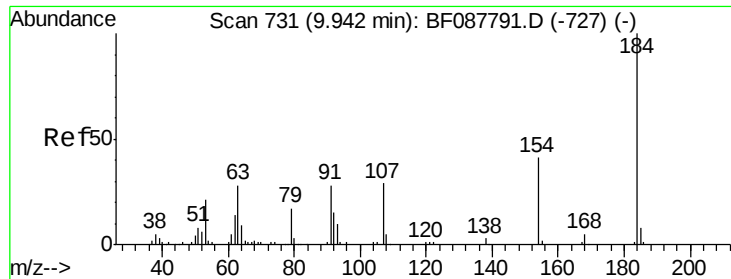
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

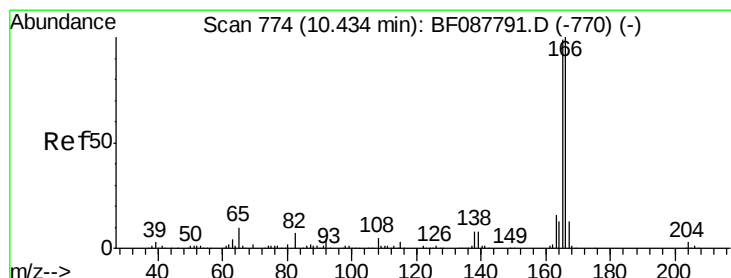
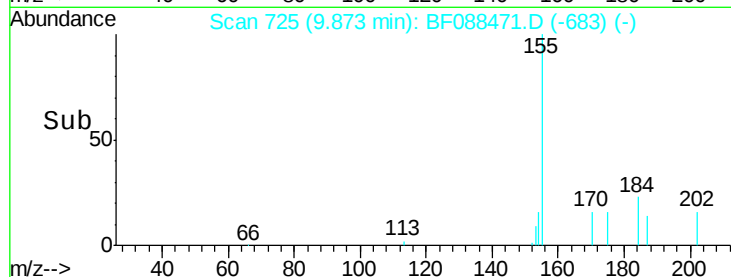
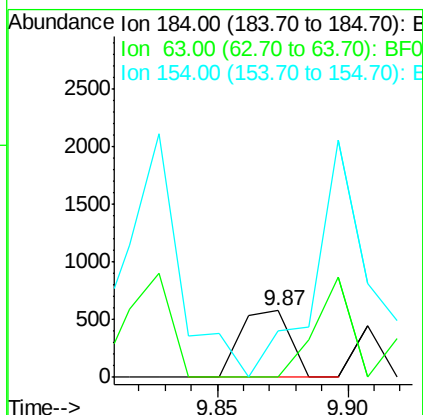
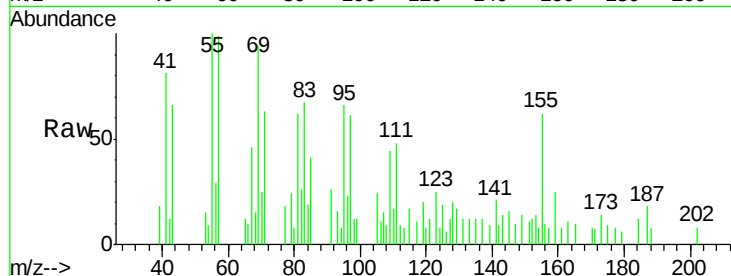




#53
2,4-Dinitrophenol
Concen: 4.11 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.18 min
Lab File: BF088471.D
Acq: 28 Jun 2016 00:46

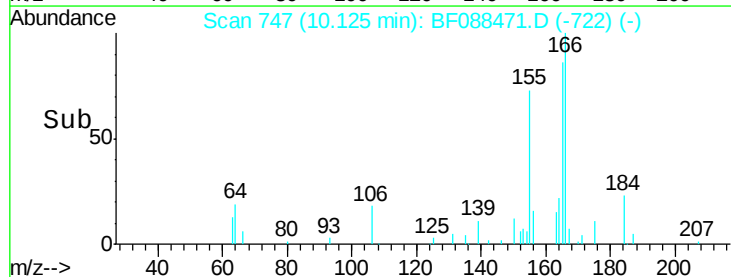
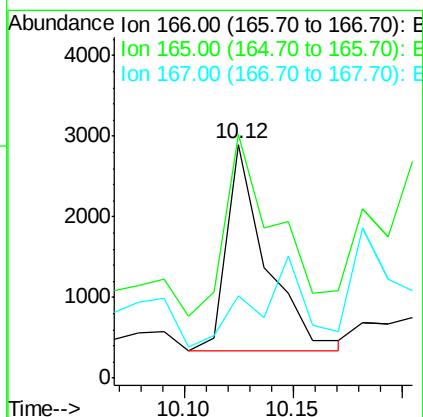
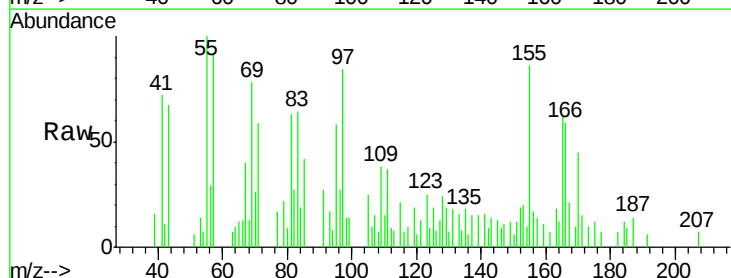
Instrument :
BNA_F
ClientSampleId :
B1409-TP01W-1224

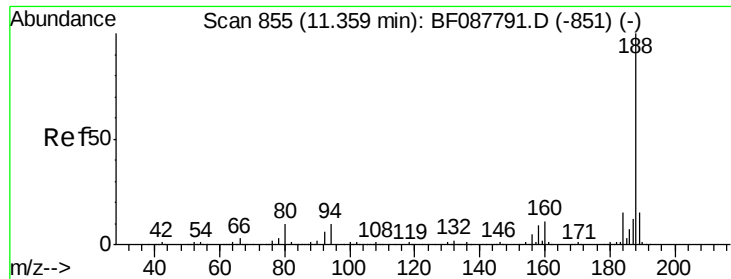
Tgt Ion:184 Resp: 762
Ion Ratio Lower Upper
184 100
63 0.0 57.6 86.4#
154 69.2 53.5 80.3



#57
Fluorene
Concen: Below Cal
RT: 10.12 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF088471.D
Acq: 28 Jun 2016 00:46

Tgt Ion:166 Resp: 3247
Ion Ratio Lower Upper
166 100
165 104.1 77.8 116.8
167 35.2 11.2 16.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

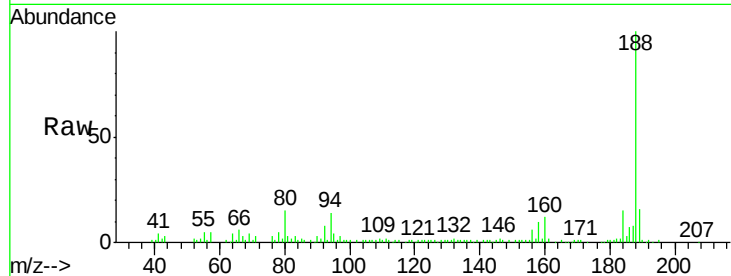
Tgt Ion:188 Resp: 144187

Ion Ratio Lower Upper

188 100

94 13.9 9.0 13.6#

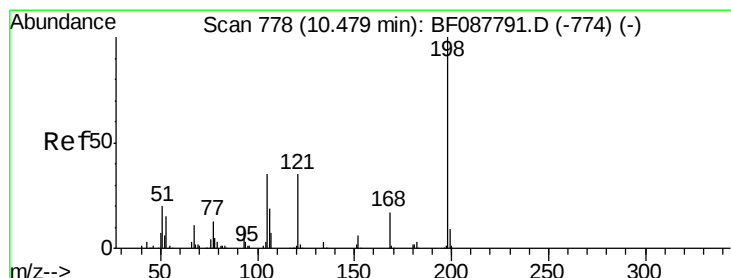
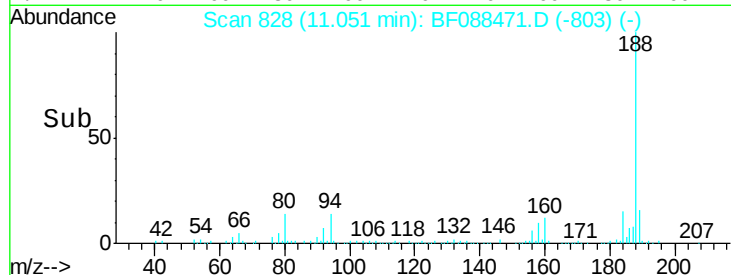
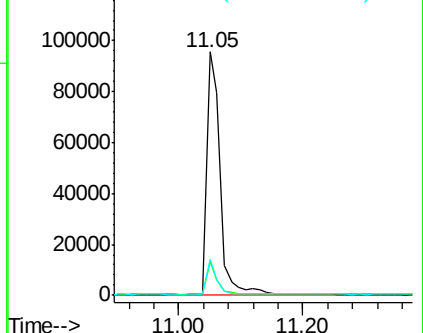
80 14.7 10.0 15.0



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.77 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.17 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

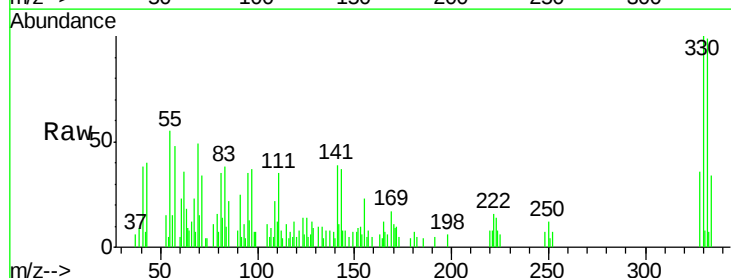
Tgt Ion:198 Resp: 573

Ion Ratio Lower Upper

198 100

51 0.0 39.6 79.6#

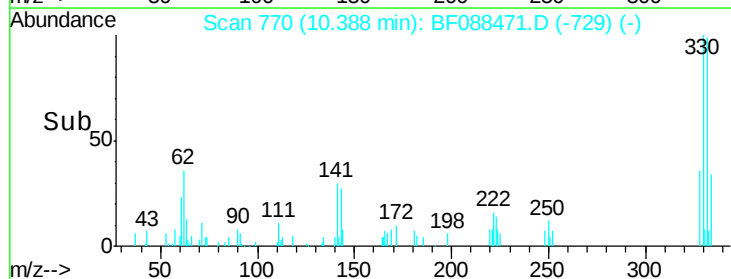
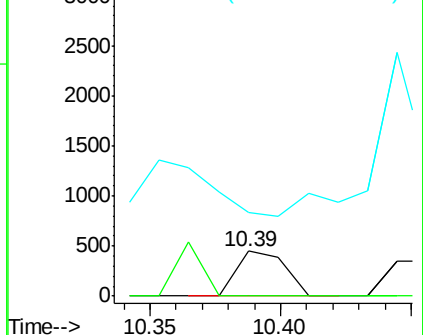
105 185.6 36.6 76.6#

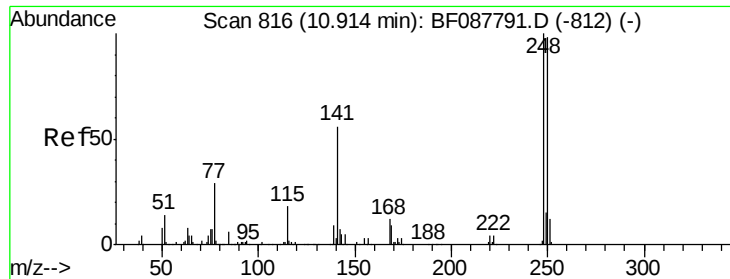


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

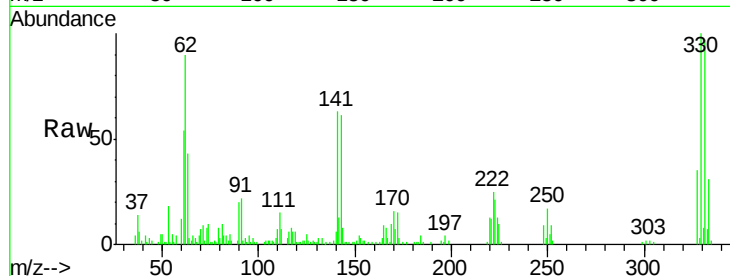




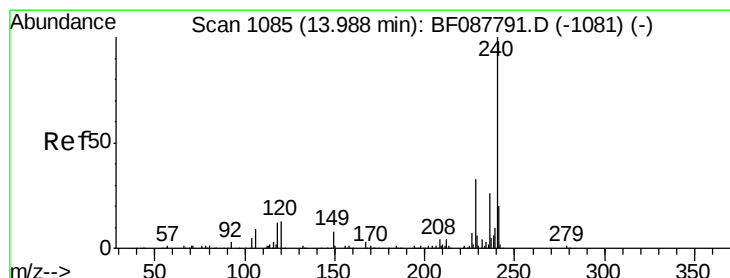
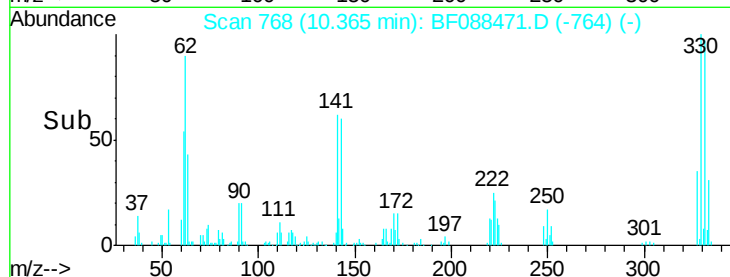
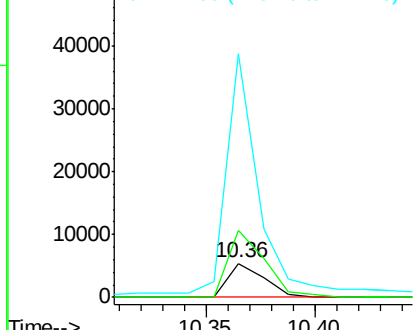
#66
 4-Bromophenyl-phenylether
 Concen: 4.04 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.25 min
 Lab File: BF088471.D
 Acq: 28 Jun 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01W-1224

Tgt Ion:248 Resp: 6244
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.1 115.7#
 141 719.3 50.6 76.0#

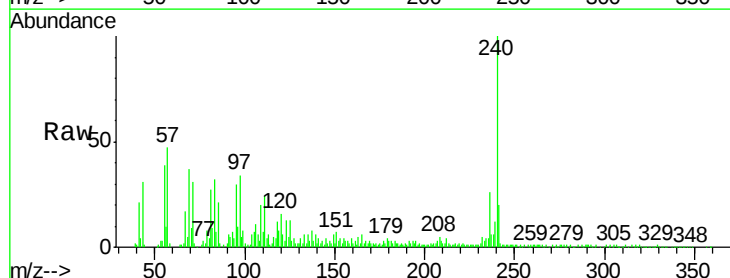


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

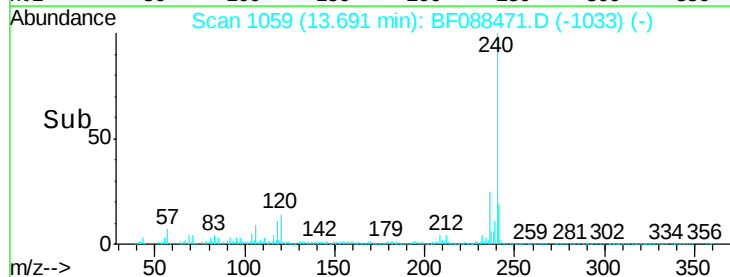
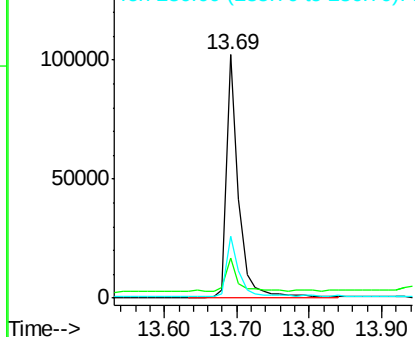


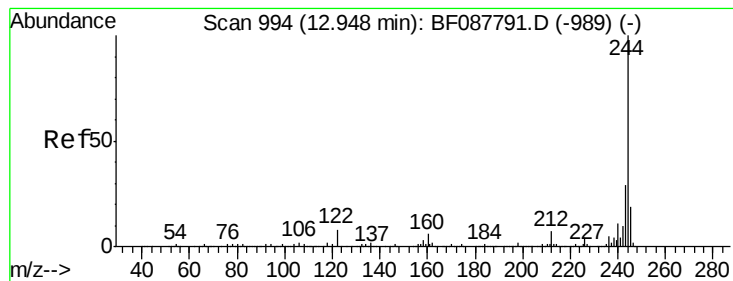
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF088471.D
 Acq: 28 Jun 2016 00:46

Tgt Ion:240 Resp: 116307
 Ion Ratio Lower Upper
 240 100
 120 16.2 6.8 10.2#
 236 25.6 20.2 30.2



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: 75.05 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

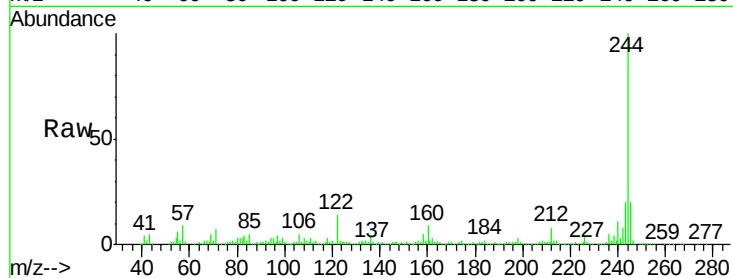
Tgt Ion:244 Resp: 383606

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

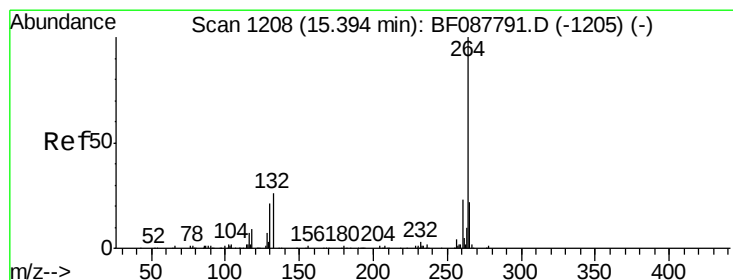
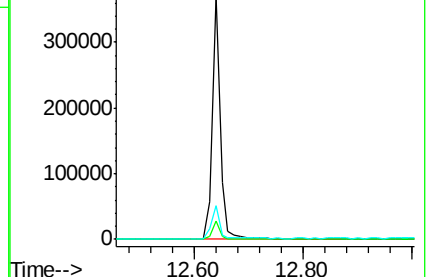
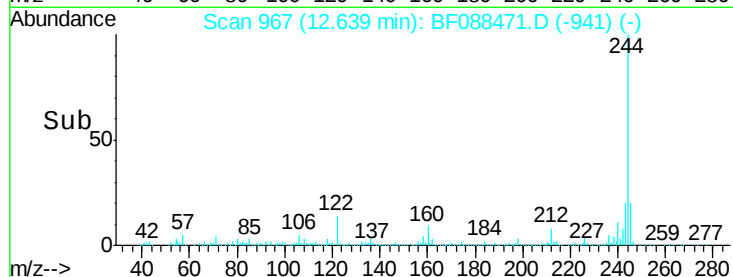
122 14.0 11.2 16.8



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: 15.06 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BF088471.D

Acq: 28 Jun 2016 00:46

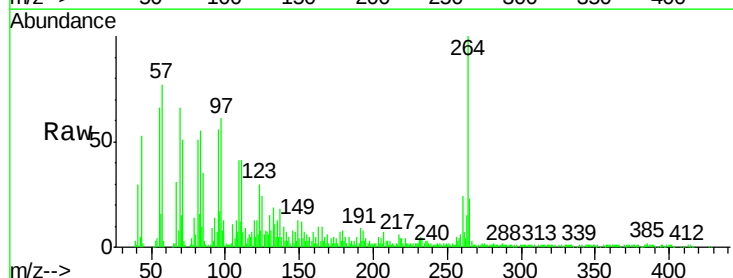
Tgt Ion:264 Resp: 104161

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.6 16.9 25.3



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

