

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
 Data File : BF109988.D
 Acq On : 19 Oct 2018 4:39
 Operator : JU/SJ
 Sample : J5573-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0689-KM-CA-COMP

Quant Time: Oct 19 10:30:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	195601	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	735897	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	294255	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	472975	20.00	ng	0.00
76) Chrysene-d12	14.16	240	354882	20.00	ng	0.00
87) Perylene-d12	15.69	264	256868	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	972278	78.79	ng	0.00
7) Phenol-d6	6.60	99	1190709	77.71	ng	0.00
23) Nitrobenzene-d5	7.54	82	693309	63.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	200494	78.70	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1038096	56.29	ng	0.00
79) Terphenyl-d14	13.09	244	778667	46.08	ng	-0.01

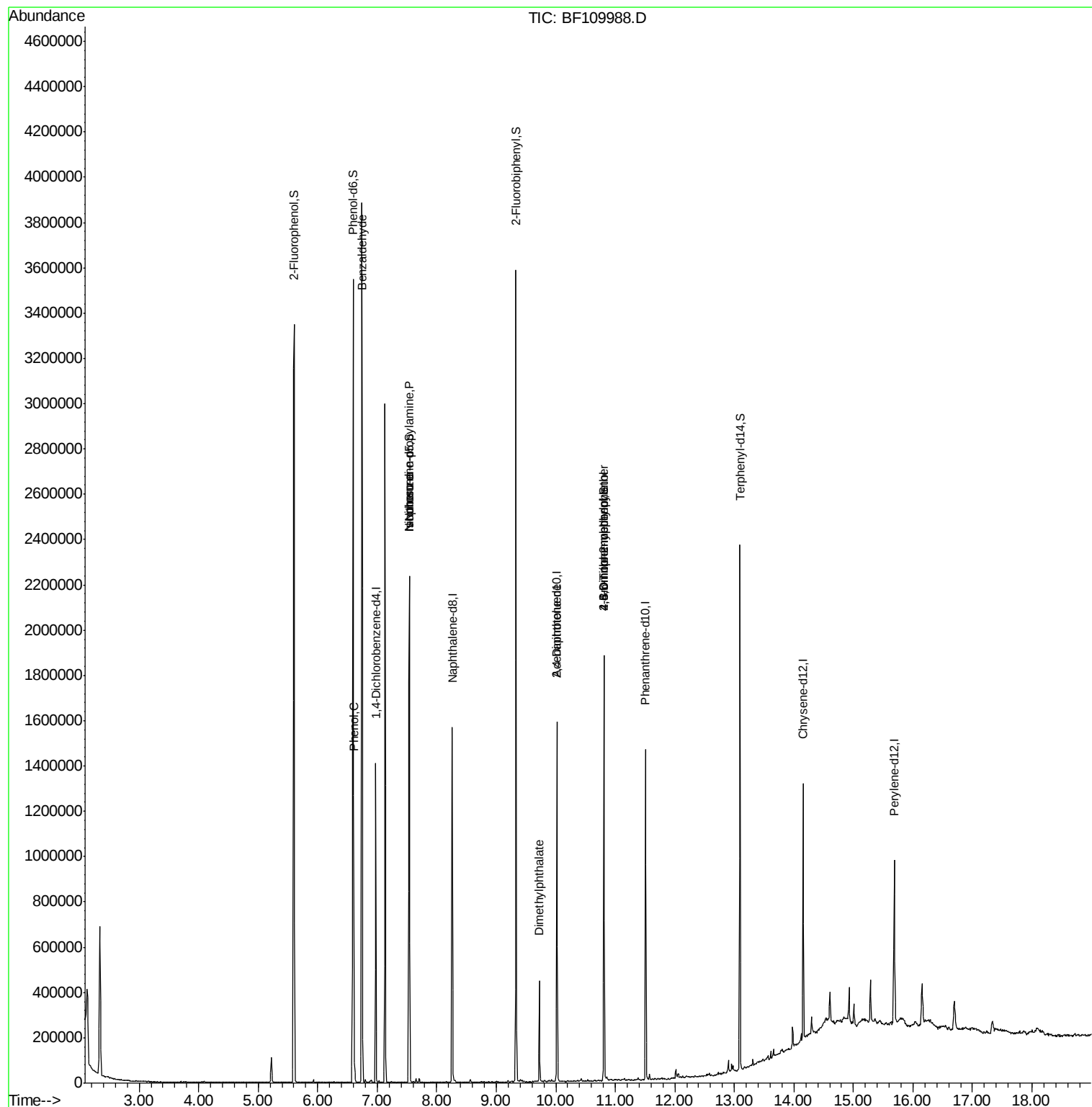
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	22450	2.255	ng	81
10) Phenol	6.61	94	61707	3.730	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	92087	9.360	ng	# 79
25) Isophorone	7.54	82	690139	32.152	ng	# 67
50) Dimethylphthalate	9.73	163	179678	8.623	ng	98
57) 2,4-Dinitrotoluene	10.02	165	38315	11.516	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	316	8.059	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	12444	2.428	ng	# 1

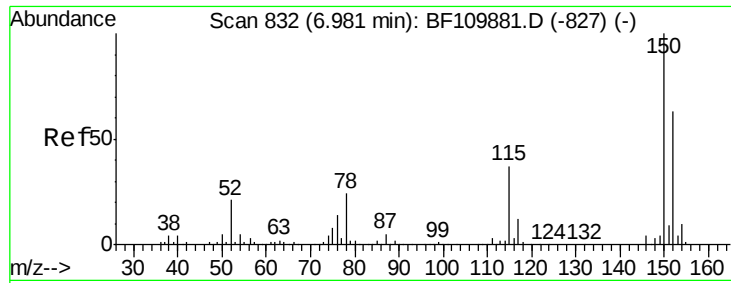
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
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QLast Update : Tue Oct 16 14:58:24 2018
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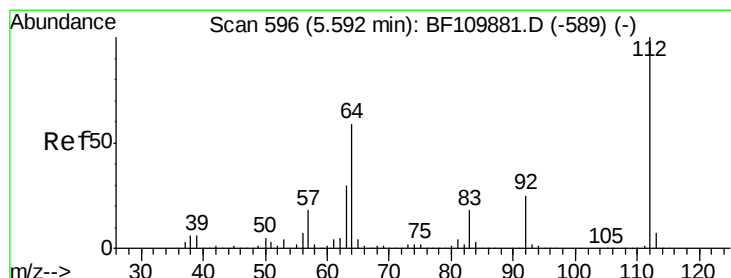
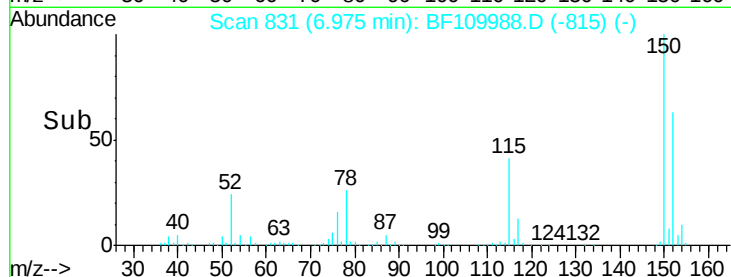
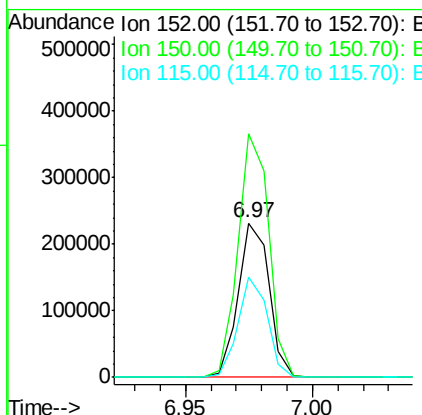
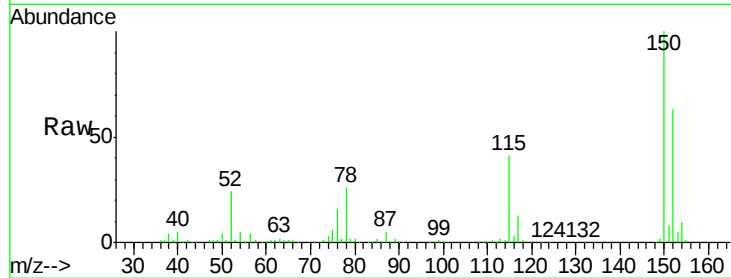




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109988.D
 Acq: 19 Oct 2018 4:39

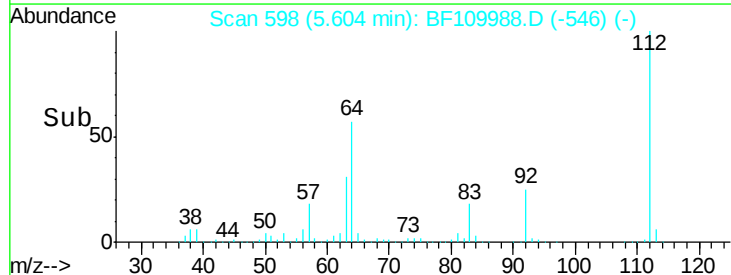
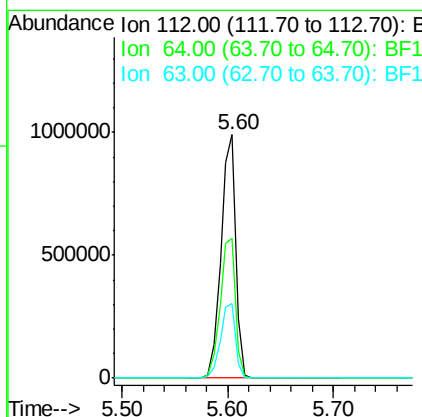
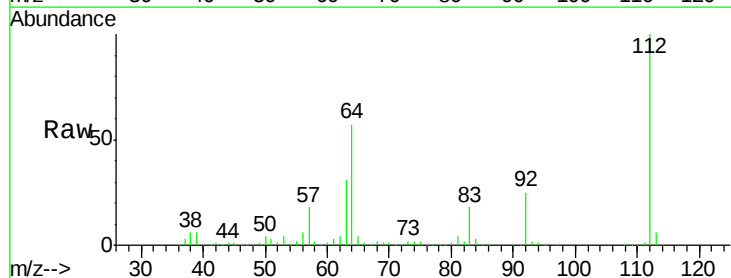
Instrument :
 BNA_F
 ClientSampleId :
 0689-KM-CA-COMP

Tgt Ion:152 Resp: 195601
 Ion Ratio Lower Upper
 152 100
 150 157.5 122.7 184.1
 115 64.8 49.1 73.7



#5
 2-Fluorophenol
 Concen: 78.793 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF109988.D
 Acq: 19 Oct 2018 4:39

Tgt Ion:112 Resp: 972278
 Ion Ratio Lower Upper
 112 100
 64 57.3 44.1 66.1
 63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 77.709 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

Instrument :

BNA_F

ClientSampleId :

0689-KM-CA-COMP

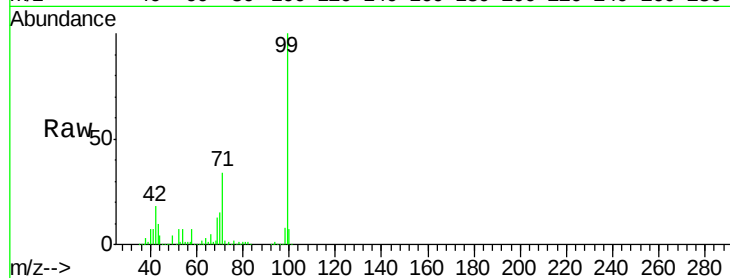
Tgt Ion: 99 Resp: 1190709

Ion Ratio Lower Upper

99 100

42 18.4 15.8 23.6

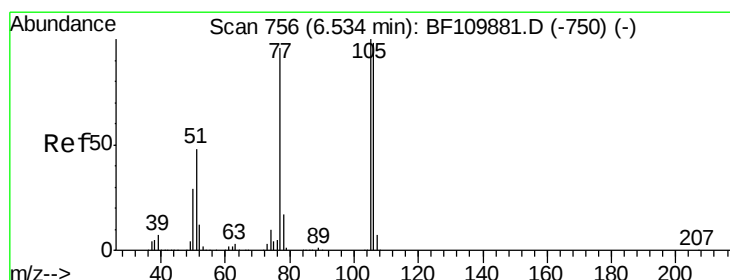
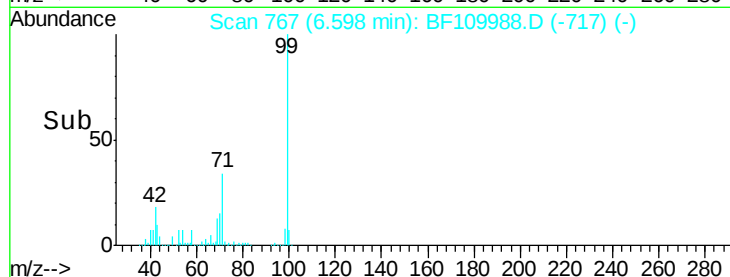
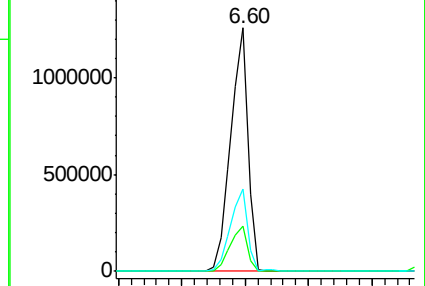
71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.255 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.21 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

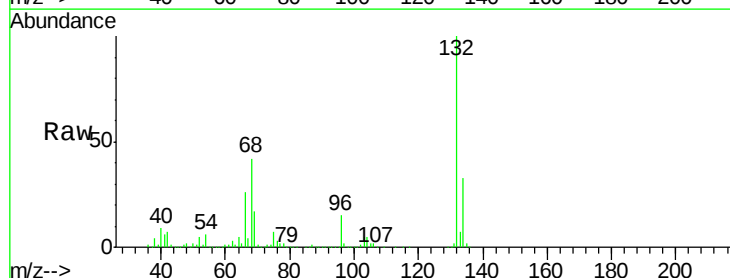
Tgt Ion: 77 Resp: 22450

Ion Ratio Lower Upper

77 100

105 80.3 78.6 118.6

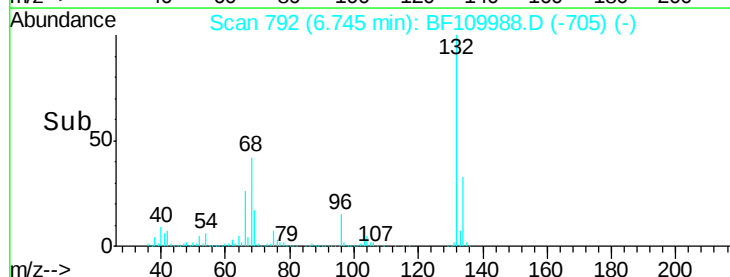
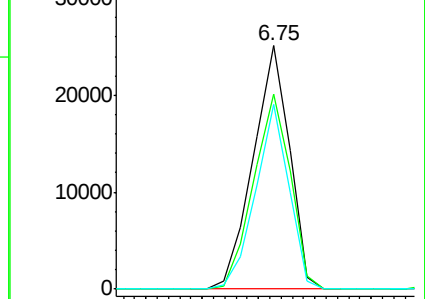
106 75.9 74.8 114.8

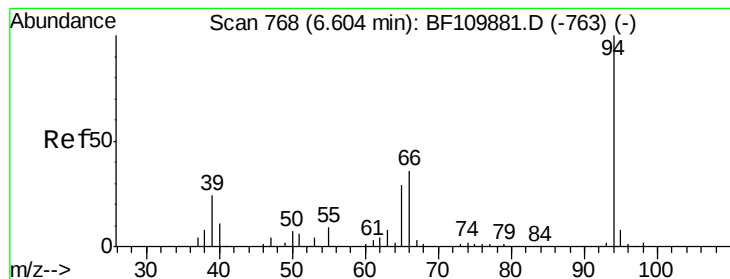


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.730 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

Instrument :

BNA_F

ClientSampleId :

0689-KM-CA-COMP

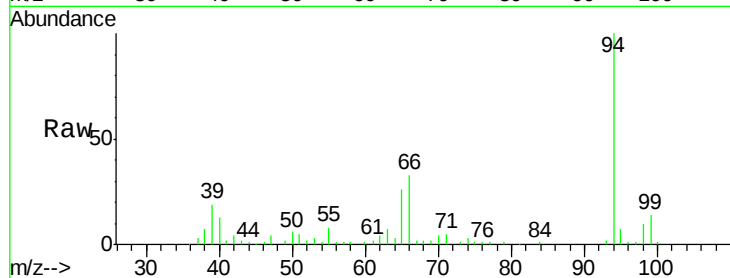
Tgt Ion: 94 Resp: 61707

Ion Ratio Lower Upper

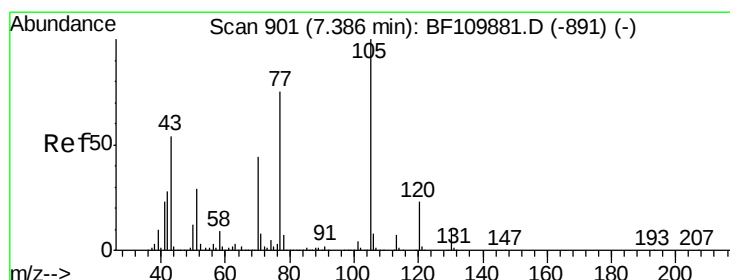
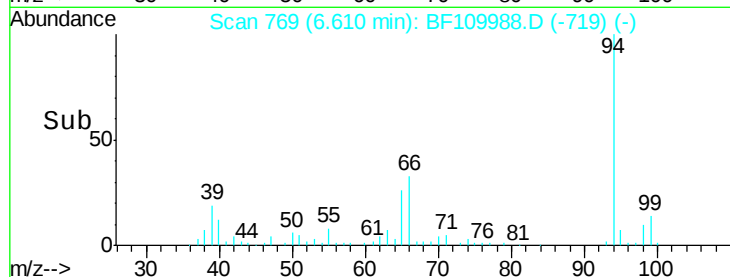
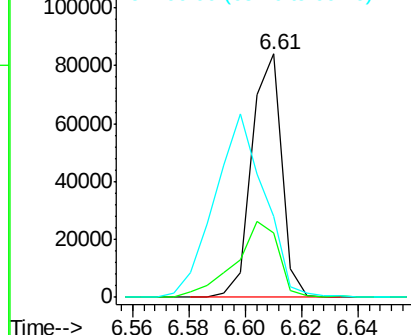
94 100

65 26.4 25.3 65.3

66 33.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.360 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

Tgt Ion: 70 Resp: 92087

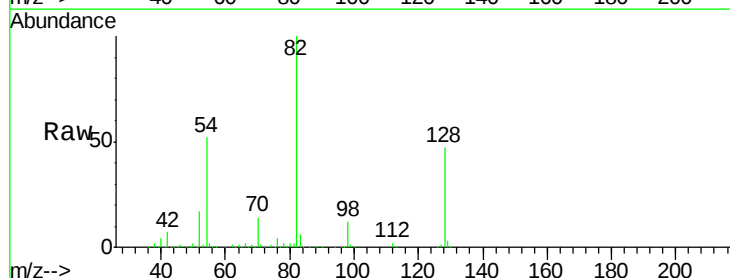
Ion Ratio Lower Upper

70 100

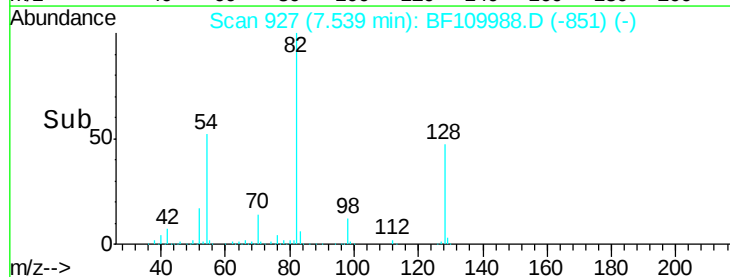
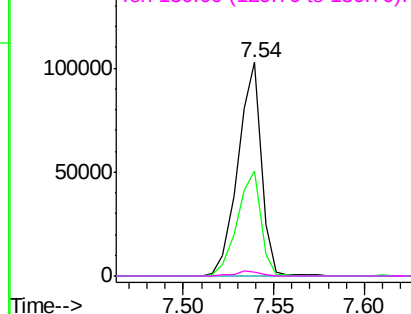
42 48.9 47.4 71.2

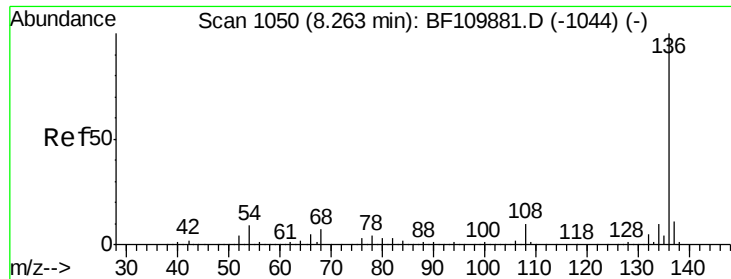
101 0.0 7.3 10.9#

130 1.9 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

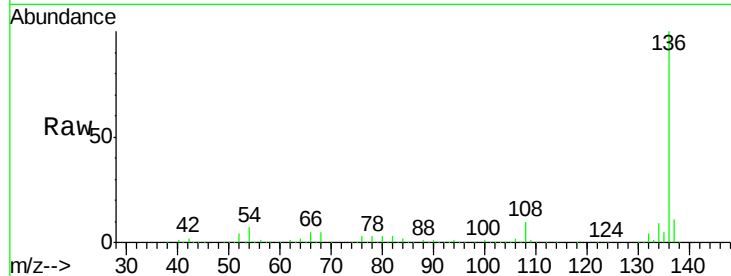




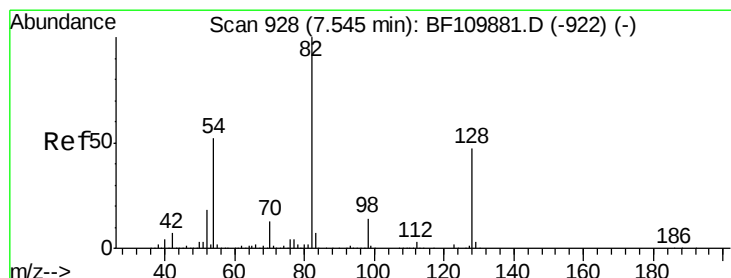
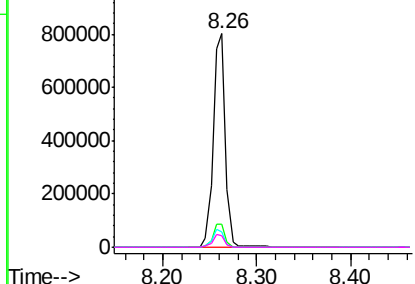
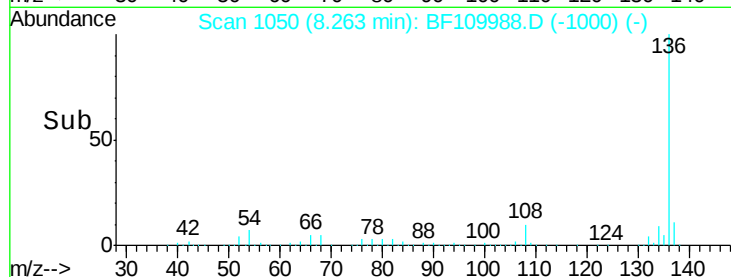
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

Instrument :
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Tgt Ion:	136	Resp:	735897
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.3	5.4	8.2
68	5.3	4.2	6.2

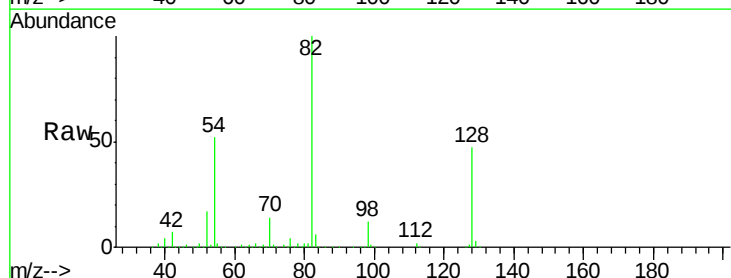


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

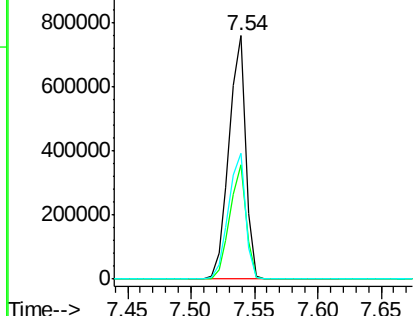
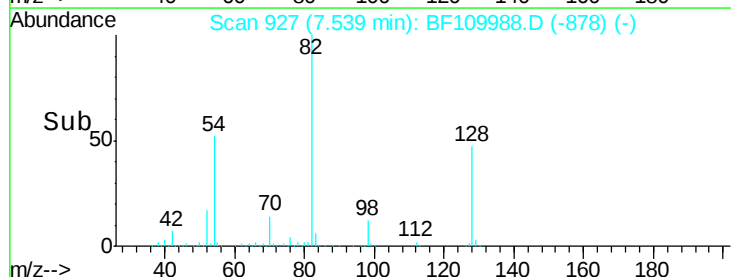


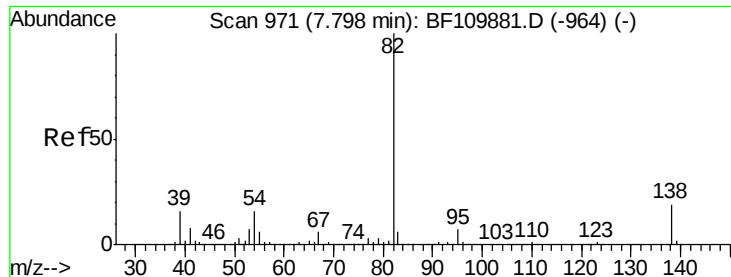
#23
Nitrobenzene-d5
Concen: 63.465 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

Tgt Ion:	82	Resp:	693309
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	51.9	38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

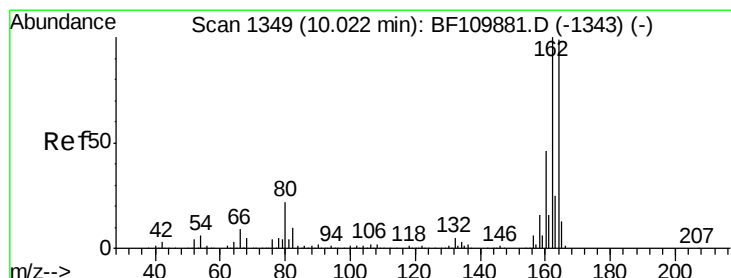
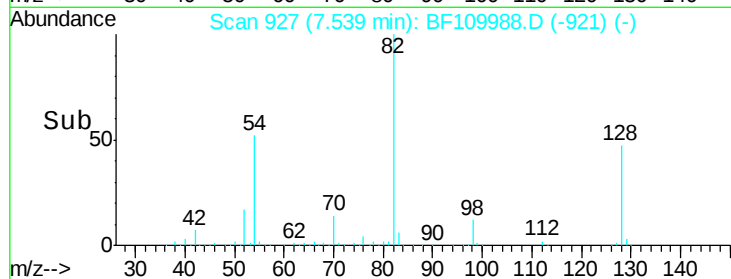
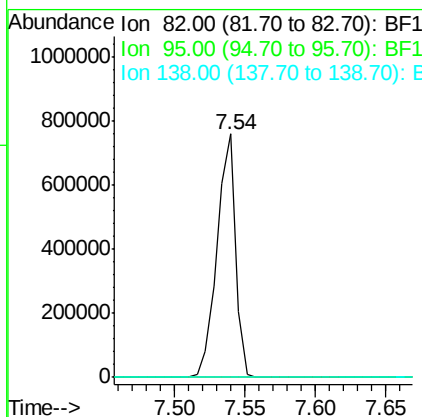
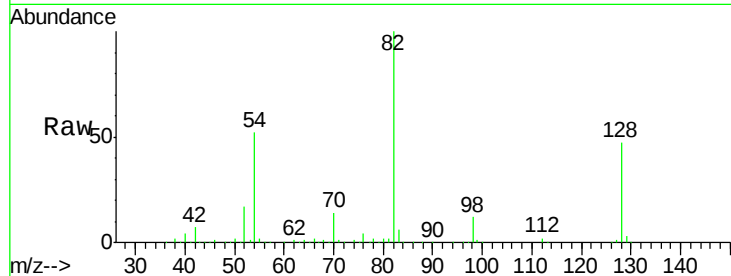




#25
Isophorone
Concen: 32.152 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

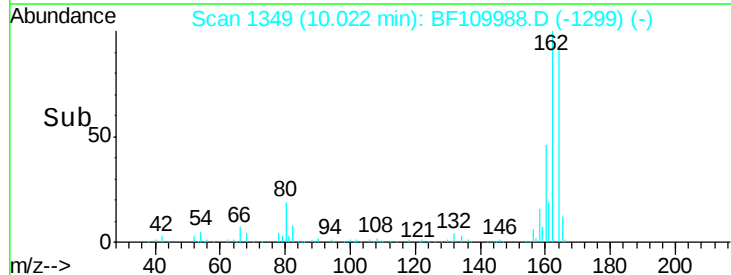
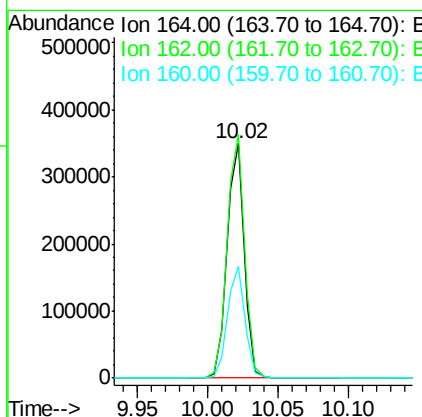
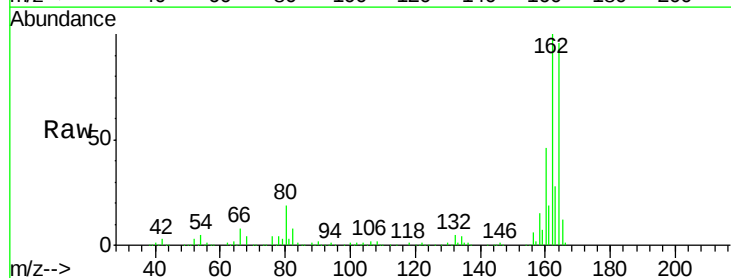
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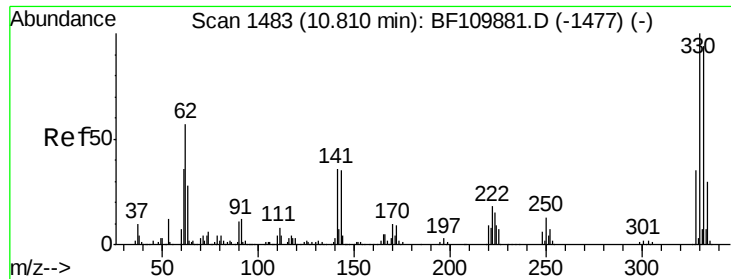
Tgt Ion: 82 Resp: 690139
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

Tgt Ion: 164 Resp: 294255
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 47.5 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 78.700 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

Instrument :

BNA_F

ClientSampleId :

0689-KM-CA-COMP

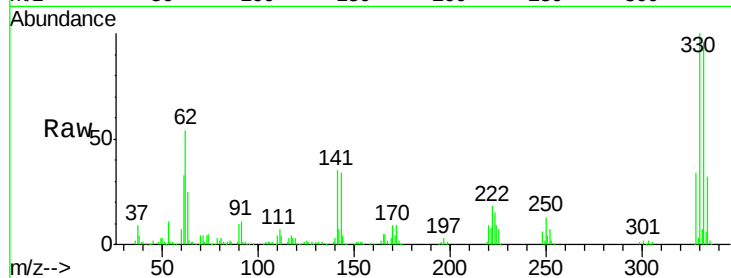
Tgt Ion:330 Resp: 200494

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

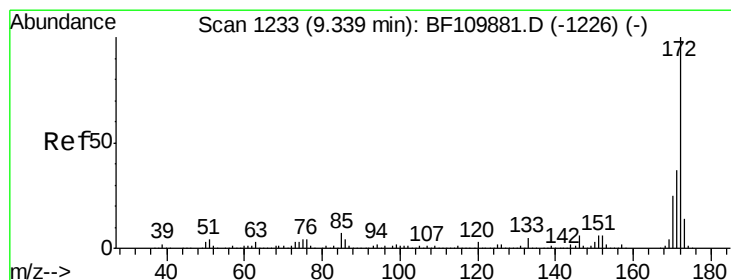
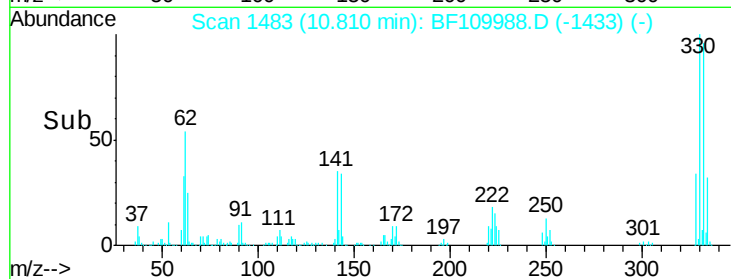
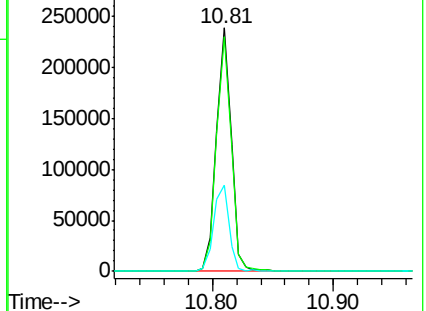
141 37.3 27.0 40.4



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



#45

2-Fluorobiphenyl

Concen: 56.293 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

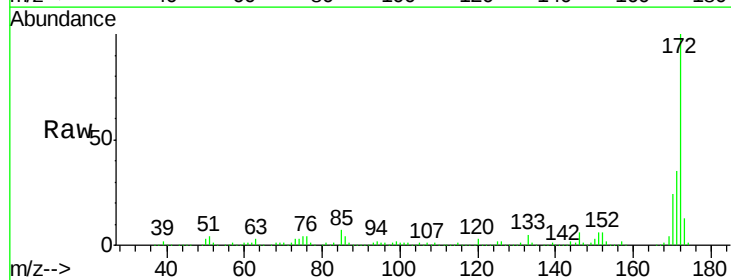
Tgt Ion:172 Resp: 1038096

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

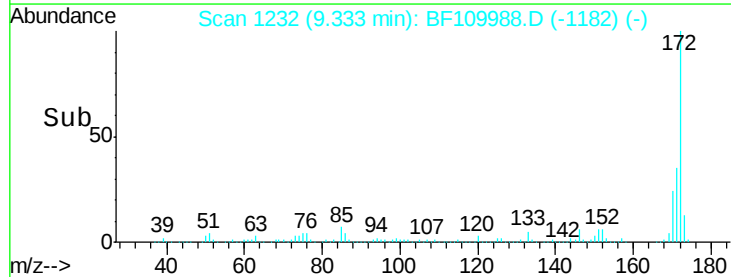
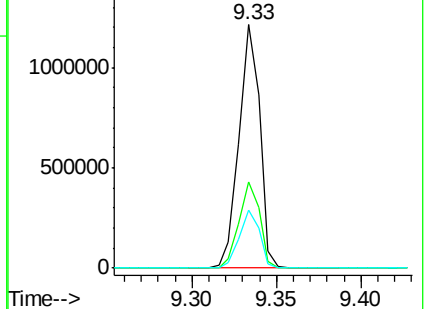
170 23.9 19.7 29.5

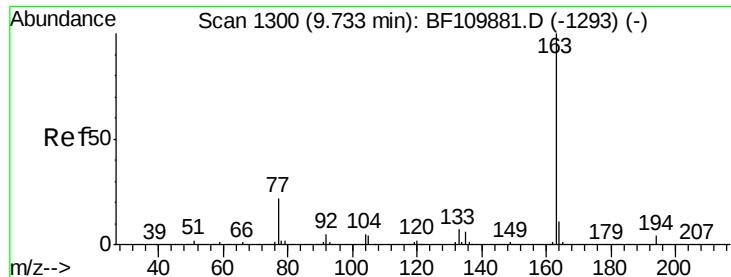


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

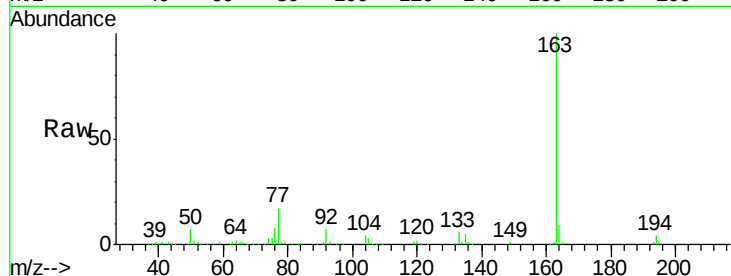




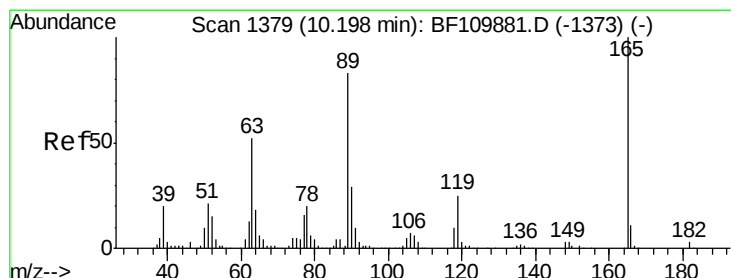
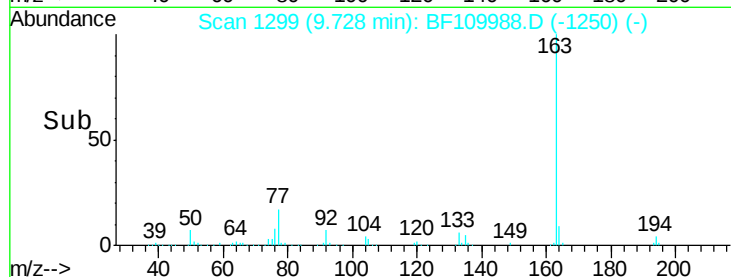
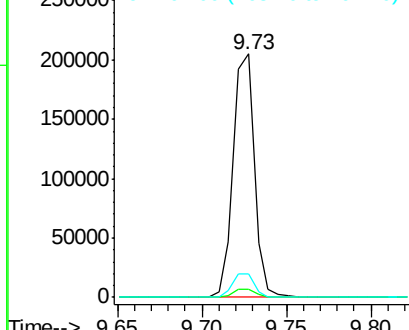
#50
Dimethylphthalate
Concen: 8.623 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

Instrument :
BNA_F
ClientSampleId :
0689-KM-CA-COMP

Tgt Ion:163 Resp: 179678
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.4 8.1 12.1

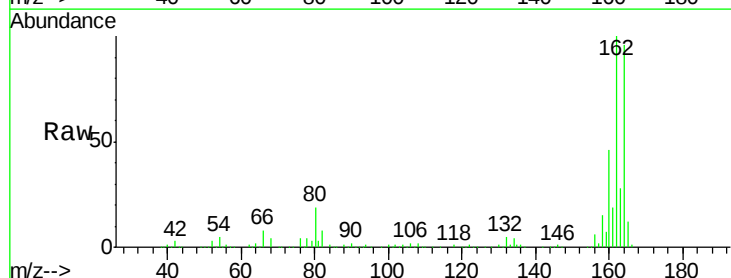


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

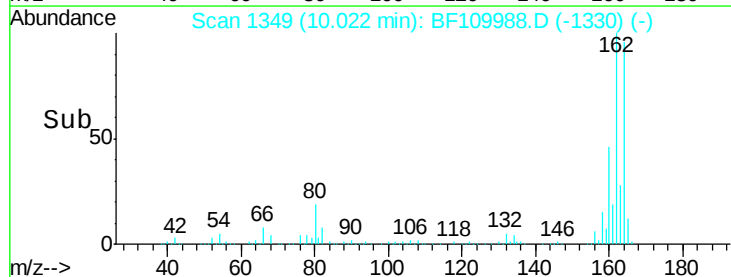
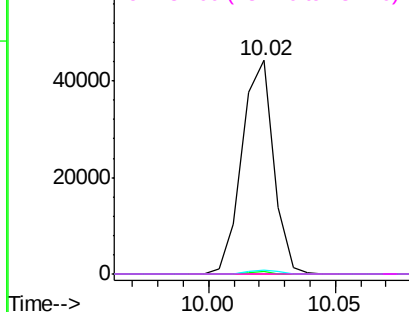


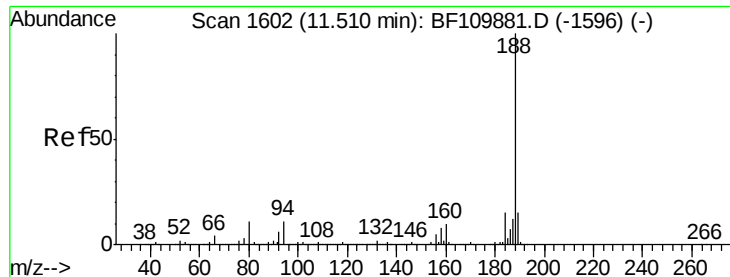
#57
2,4-Dinitrotoluene
Concen: 11.516 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.19 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

Tgt Ion:165 Resp: 38315
Ion Ratio Lower Upper
165 100
63 1.4 44.8 67.2#
89 1.9 62.2 93.4#
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

Instrument :

BNA_F

ClientSampleId :

0689-KM-CA-COMP

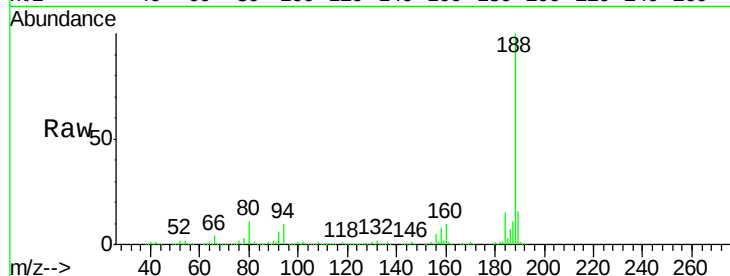
Tgt Ion:188 Resp: 472975

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

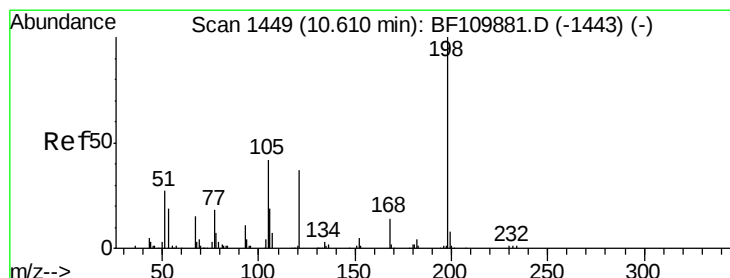
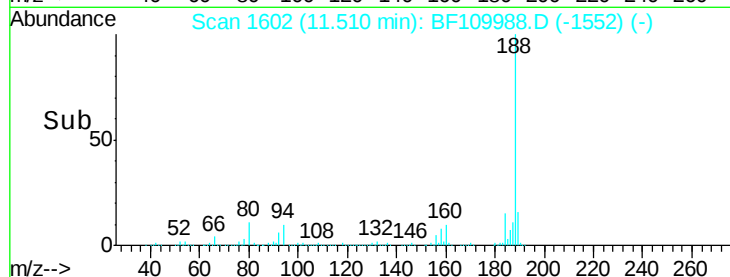
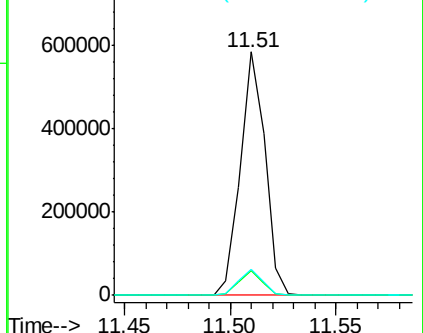
80 10.7 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.059 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

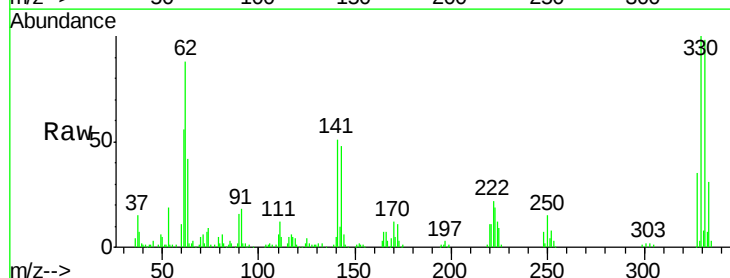
Tgt Ion:198 Resp: 316

Ion Ratio Lower Upper

198 100

51 222.8 22.8 62.8#

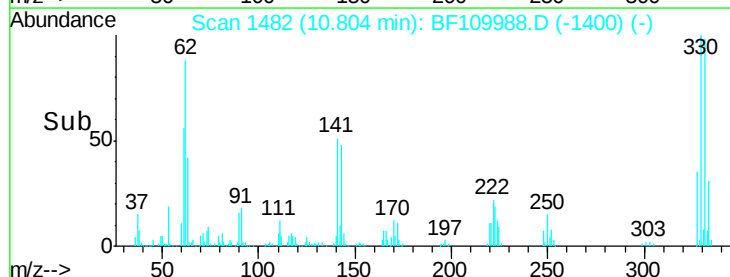
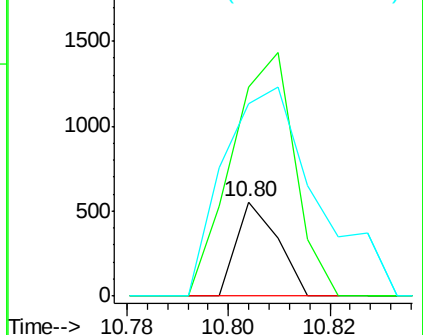
105 205.3 23.6 63.6#

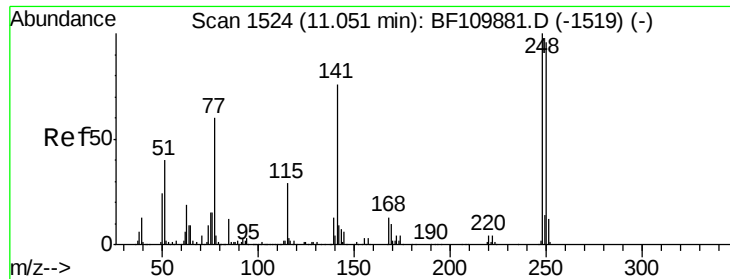


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

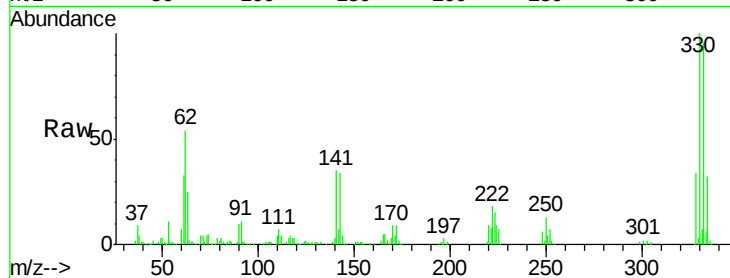




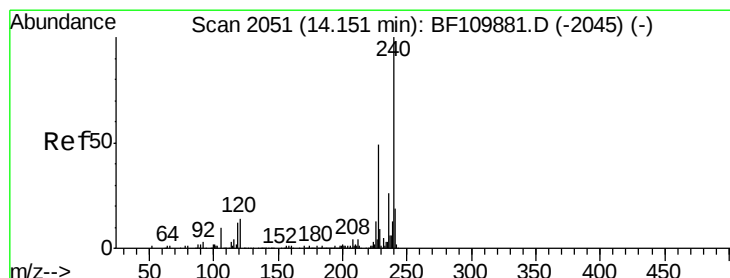
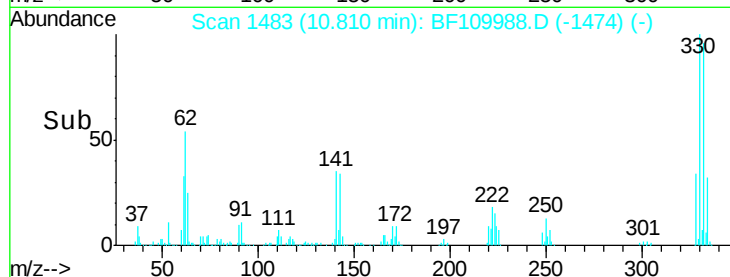
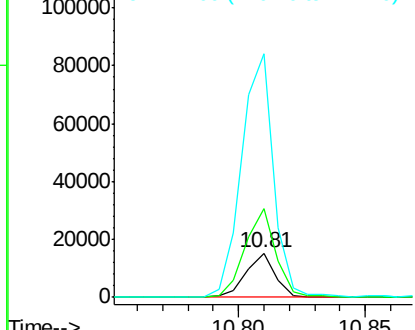
#67
4-Bromophenyl-phenylether
Concen: 2.428 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

Instrument :
BNA_F
ClientSampleId :
0689-KM-CA-COMP

Tgt Ion:248 Resp: 12444
Ion Ratio Lower Upper
248 100
250 201.8 79.4 119.2#
141 552.3 55.9 83.9#

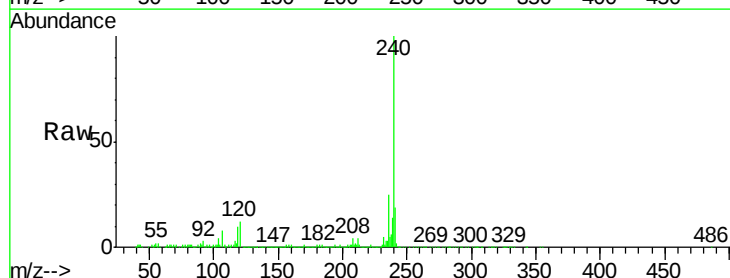


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

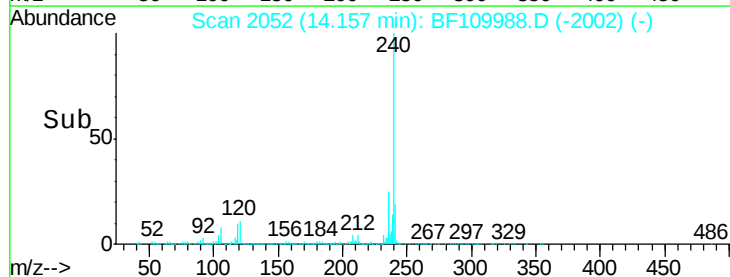
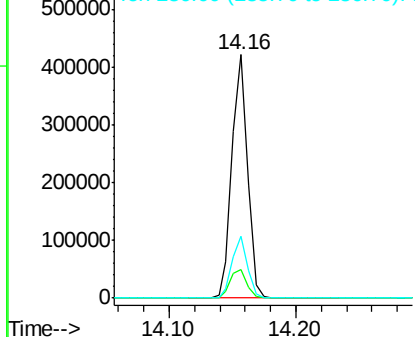


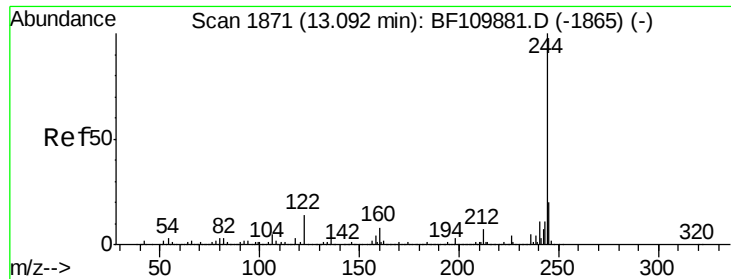
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

Tgt Ion:240 Resp: 354882
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.2 21.2 31.8



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





#79

Terphenyl-d14

Concen: 46.076 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

Instrument :

BNA_F

ClientSampleId :

0689-KM-CA-COMP

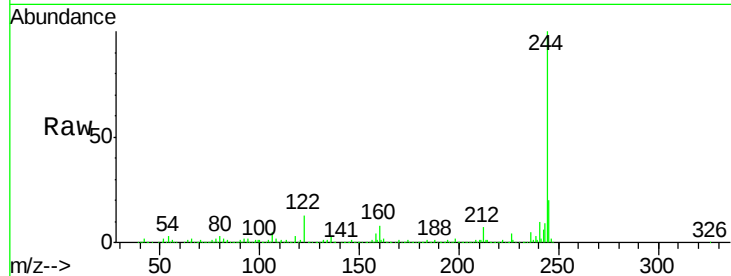
Tgt Ion:244 Resp: 778667

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

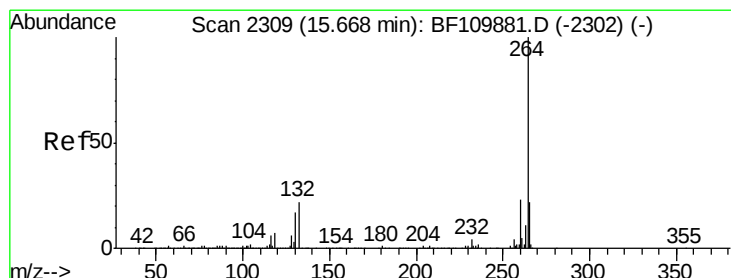
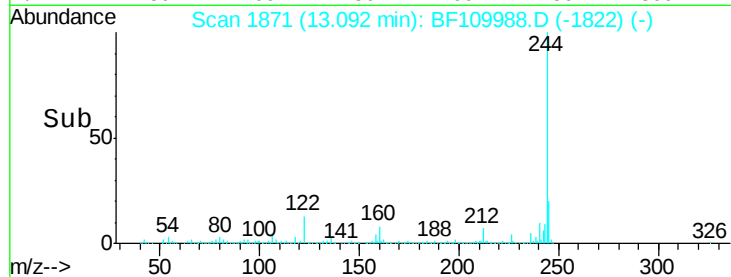
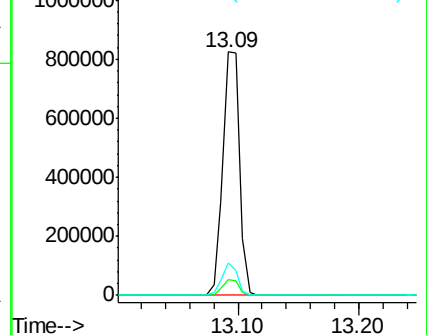
122 13.1 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109988.D

Acq: 19 Oct 2018 4:39

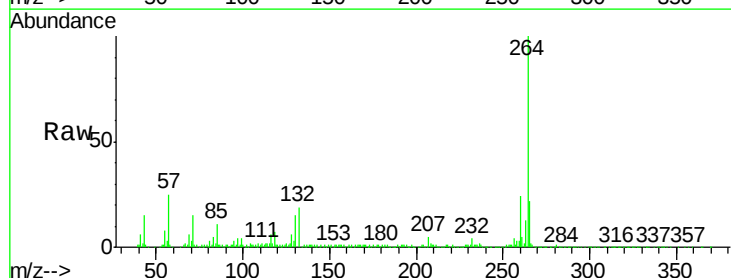
Tgt Ion:264 Resp: 256868

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 16.7 25.1



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

