

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
 Data File : BF109989.D
 Acq On : 19 Oct 2018 5:06
 Operator : JU/SJ
 Sample : J5573-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0692-KM-CA-AMD-COMP

Quant Time: Oct 19 10:31:06 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

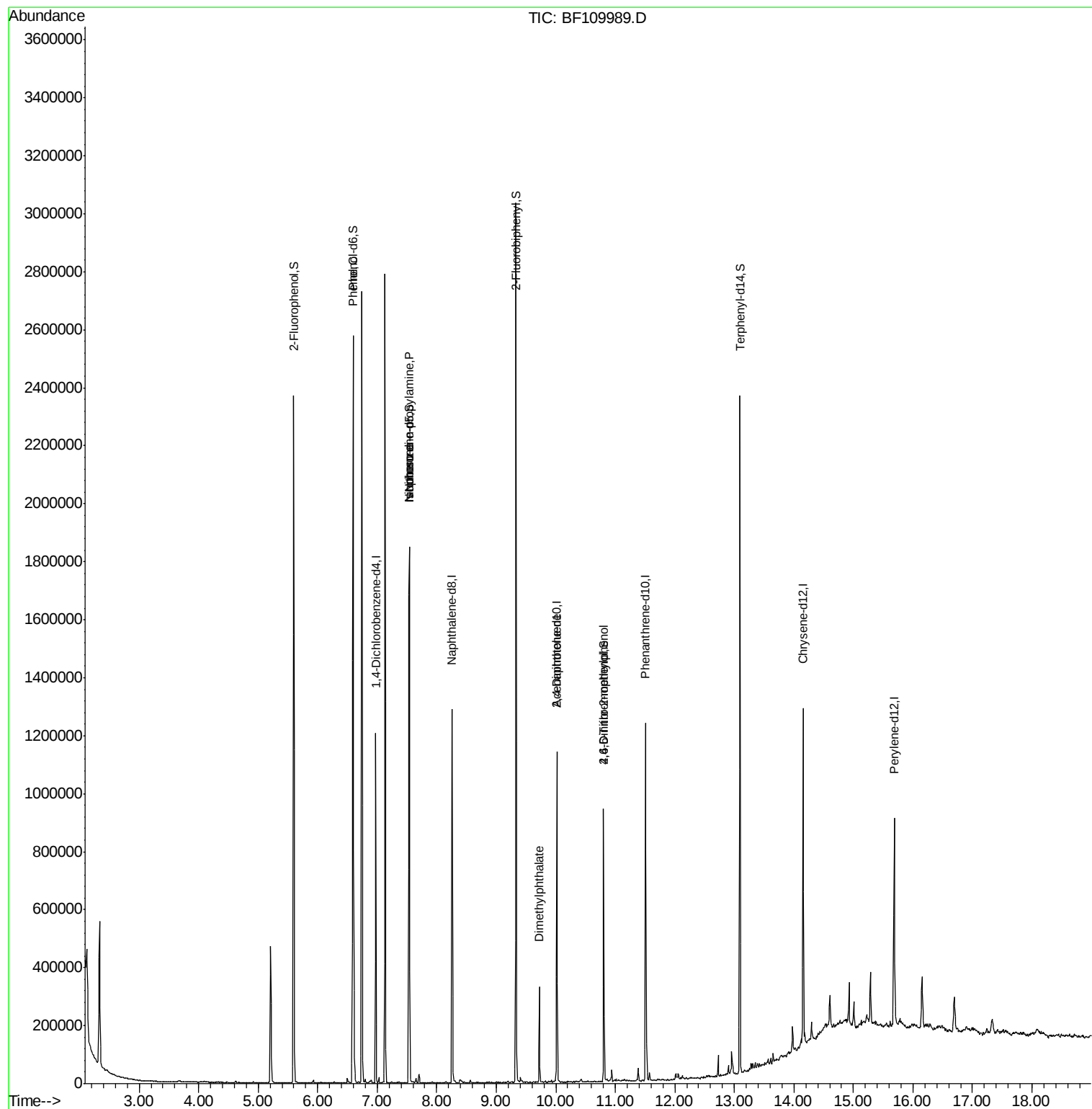
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172057	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	606366	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	230546	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	409772	20.00	ng	0.00
76) Chrysene-d12	14.16	240	361904	20.00	ng	0.00
87) Perylene-d12	15.69	264	255497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	589216	54.28	ng	0.00
7) Phenol-d6	6.59	99	936579	69.49	ng	-0.01
23) Nitrobenzene-d5	7.54	82	583503	64.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	104820	52.51	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	845863	58.54	ng	0.00
79) Terphenyl-d14	13.10	244	800019	46.42	ng	0.00
Target Compounds						
10) Phenol	6.60	94	109586	7.531	ng	# 68
19) n-Nitroso-di-n-propylamine	7.54	70	76880	8.884	ng	# 79
25) Isophorone	7.54	82	583496	32.991	ng	# 67
50) Dimethylphthalate	9.72	163	119610	7.327	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	29416	11.376	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	124	7.974	ng	# 1

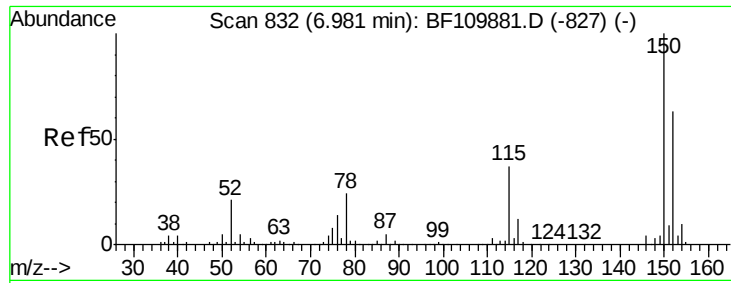
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

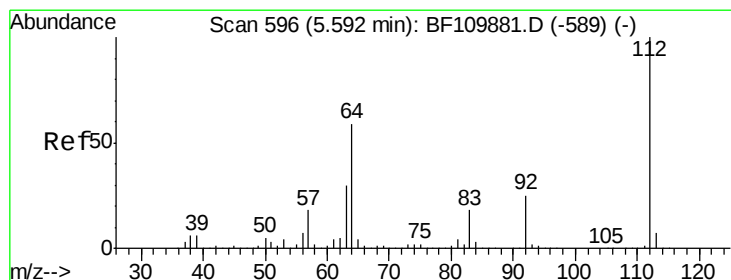
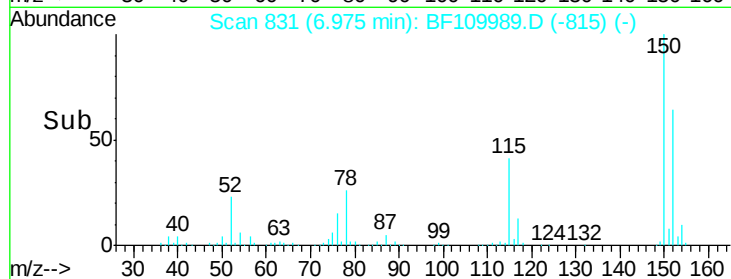
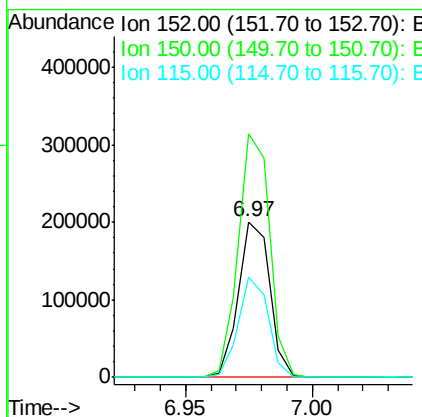
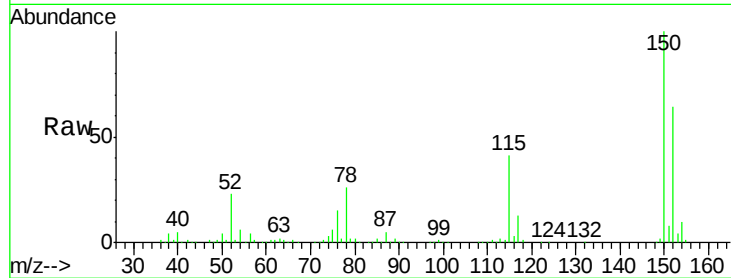




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109989.D
 Acq: 19 Oct 2018 5:06

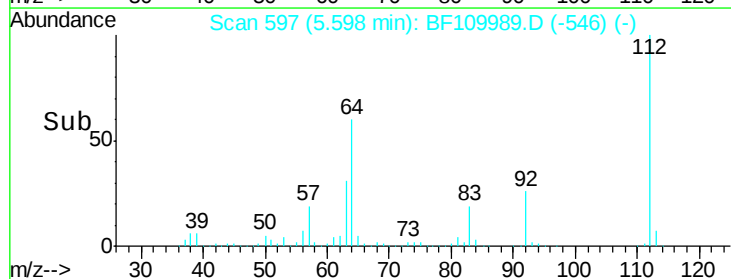
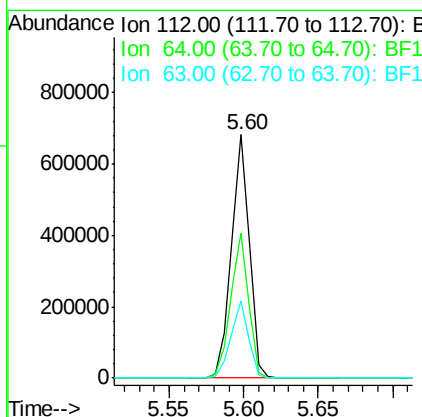
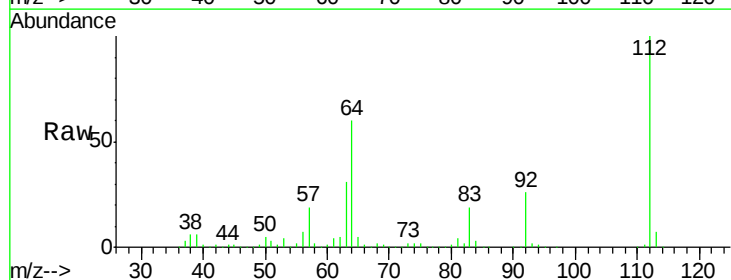
Instrument :
 BNA_F
 ClientSampleId :
 0692-KM-CA-AMD-COMP

Tgt Ion:152 Resp: 172057
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.7 184.1
 115 64.3 49.1 73.7



#5
 2-Fluorophenol
 Concen: 54.284 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF109989.D
 Acq: 19 Oct 2018 5:06

Tgt Ion:112 Resp: 589216
 Ion Ratio Lower Upper
 112 100
 64 59.6 44.1 66.1
 63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 69.488 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109989.D

Acq: 19 Oct 2018 5:06

Instrument :

BNA_F

ClientSampleId :

0692-KM-CA-AMD-COMP

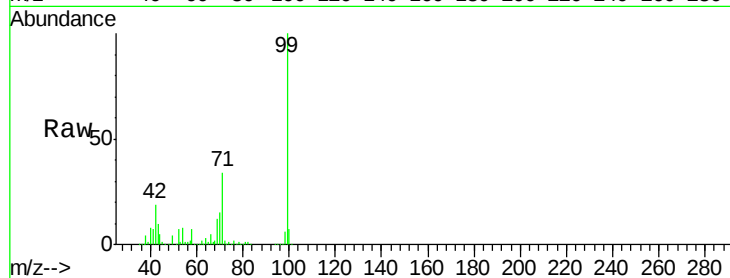
Tgt Ion: 99 Resp: 936579

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

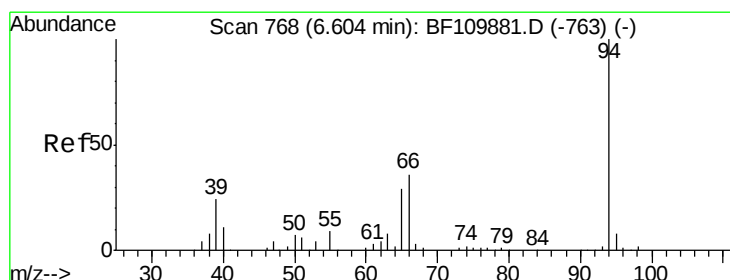
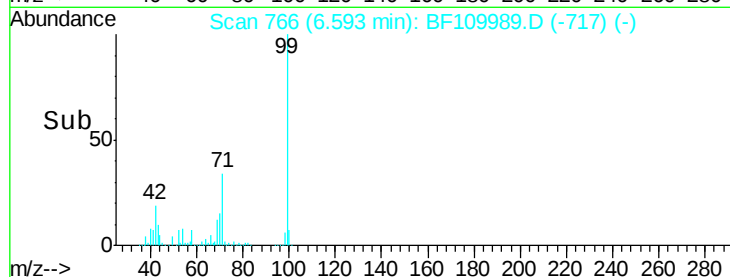
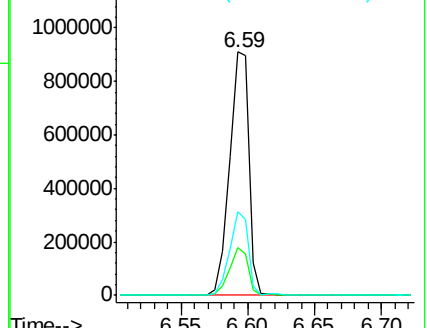
71 34.1 28.0 42.0



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



#10

Phenol

Concen: 7.531 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109989.D

Acq: 19 Oct 2018 5:06

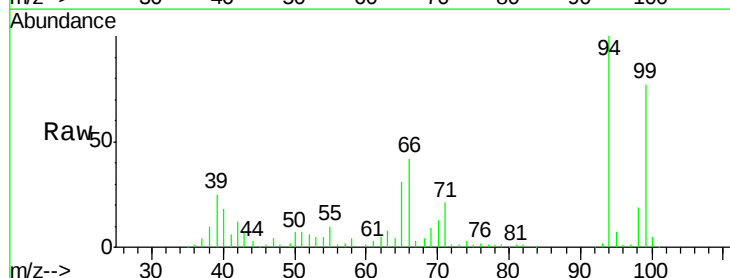
Tgt Ion: 94 Resp: 109586

Ion Ratio Lower Upper

94 100

65 30.9 25.3 65.3

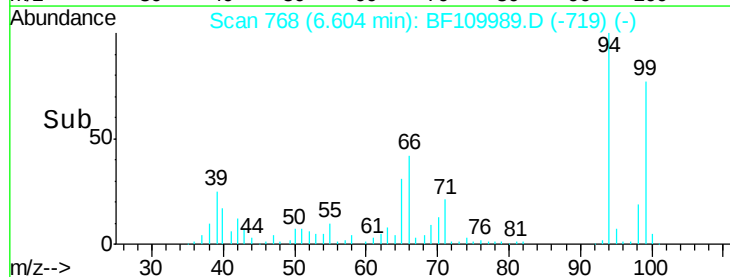
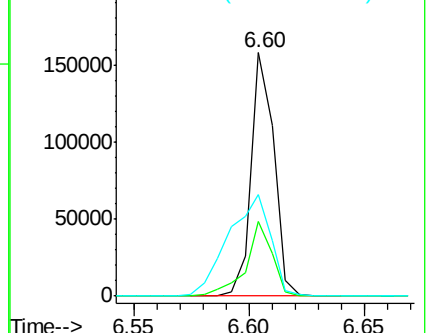
66 41.8 54.5 94.5#

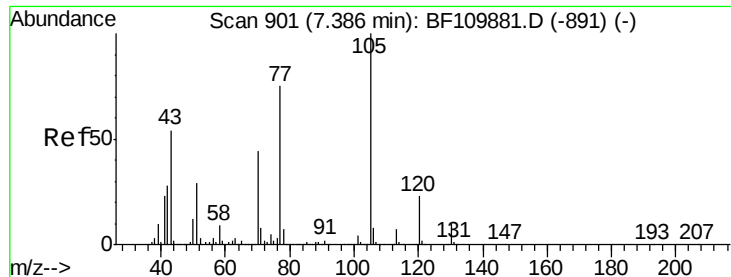


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

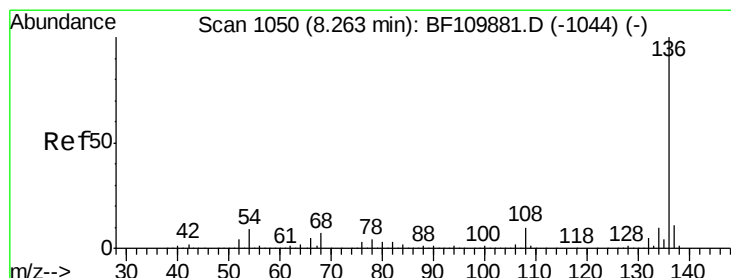
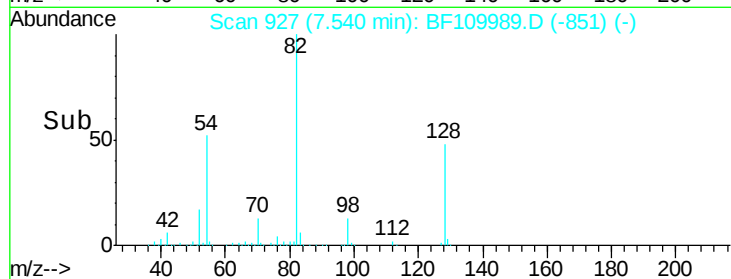
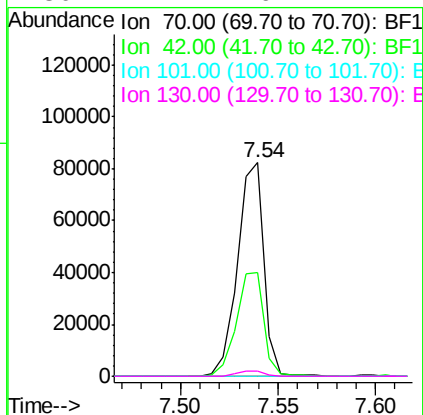
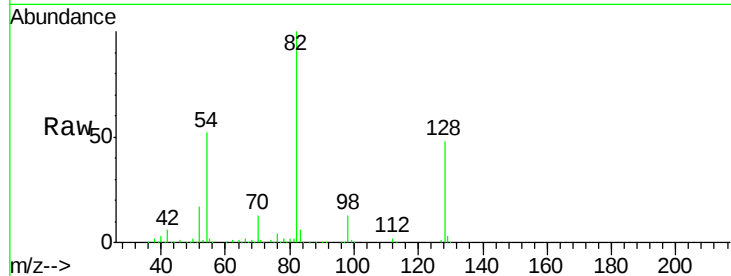




#19
n-Nitroso-di-n-propylamine
Concen: 8.884 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109989.D
Acq: 19 Oct 2018 5:06

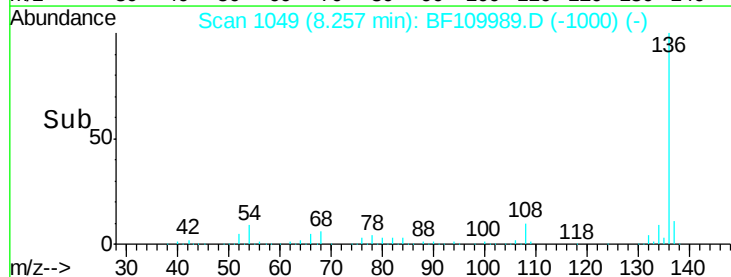
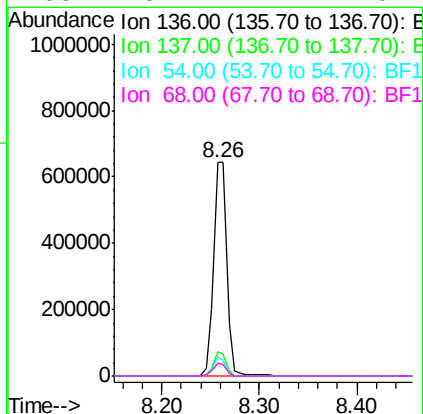
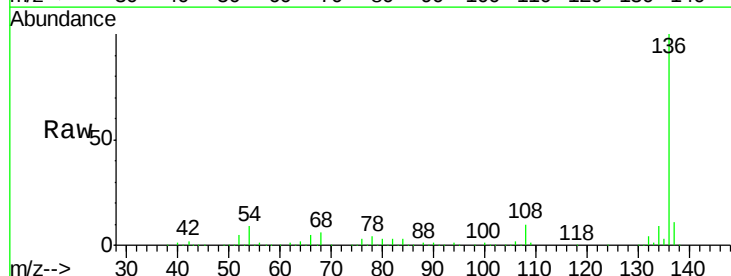
Instrument :
BNA_F
ClientSampleId :
0692-KM-CA-AMD-COMP

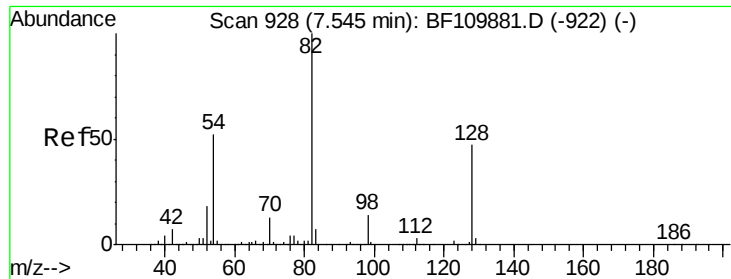
Tgt Ion: 70 Resp: 76880
Ion Ratio Lower Upper
70 100
42 48.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109989.D
Acq: 19 Oct 2018 5:06

Tgt Ion: 136 Resp: 606366
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 5.4 8.2#
68 6.1 4.2 6.2

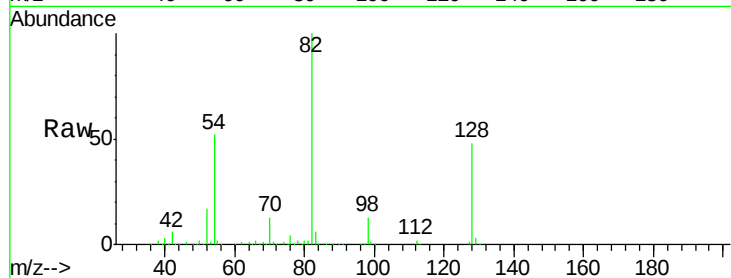




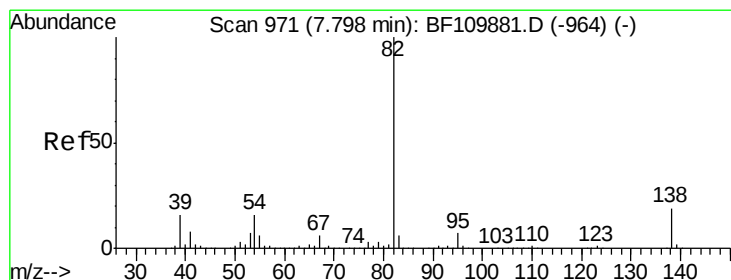
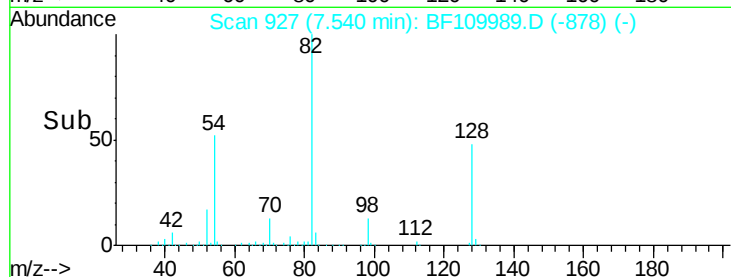
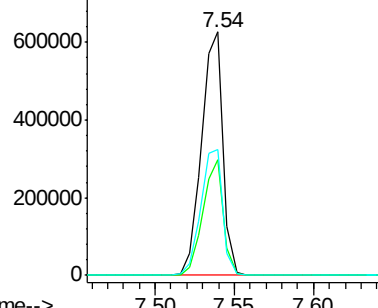
#23
Nitrobenzene-d5
Concen: 64.824 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109989.D
Acq: 19 Oct 2018 5:06

Instrument :
BNA_F
ClientSampleId :
0692-KM-CA-AMD-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.2	51.2
54	51.7	38.6	58.0

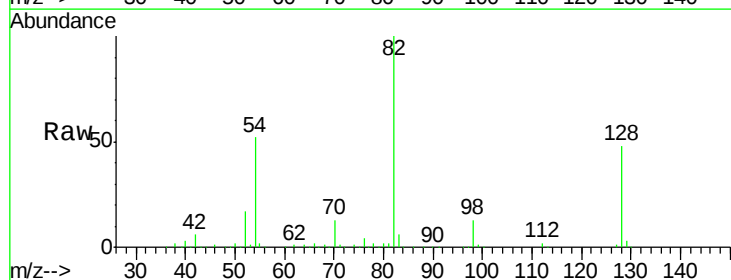


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

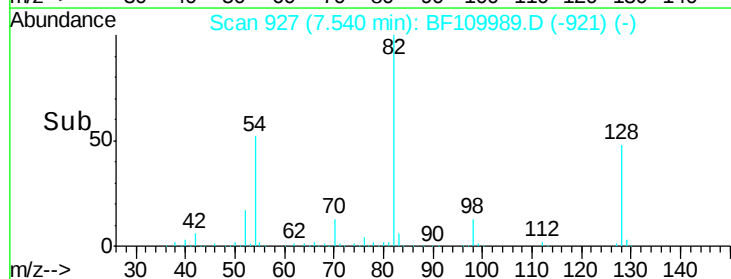
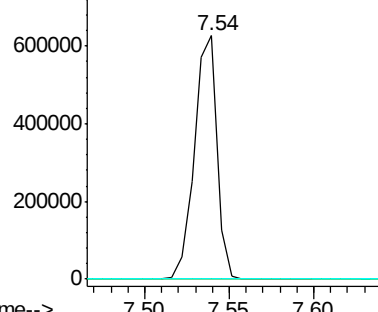


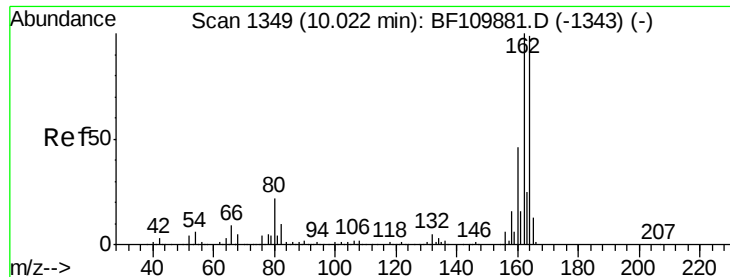
#25
Isophorone
Concen: 32.991 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109989.D
Acq: 19 Oct 2018 5:06

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



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109989.D

Acq: 19 Oct 2018 5:06

Instrument :

BNA_F

ClientSampleId :

0692-KM-CA-AMD-COMP

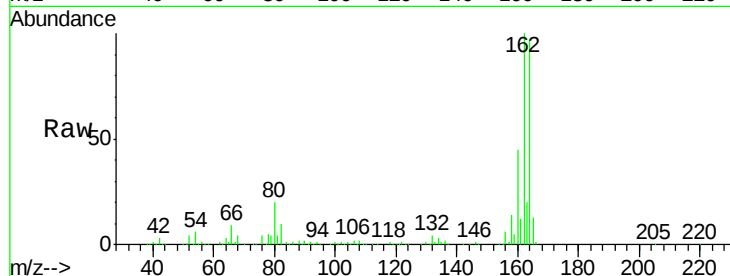
Tgt Ion:164 Resp: 230546

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

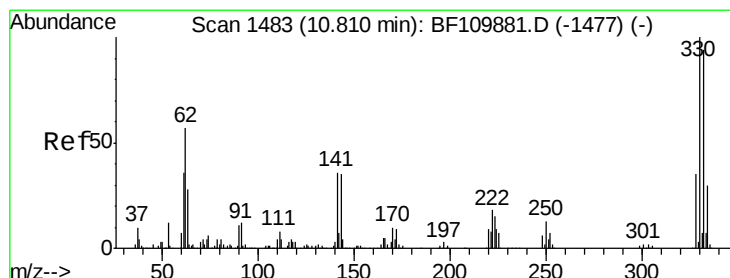
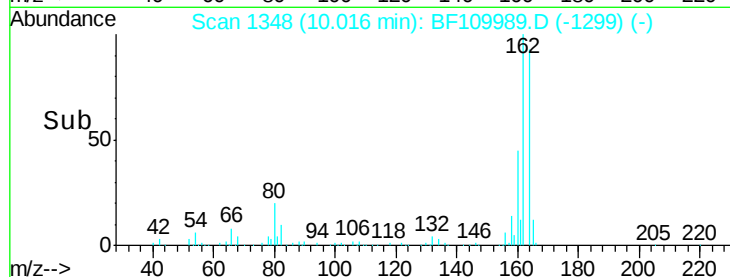
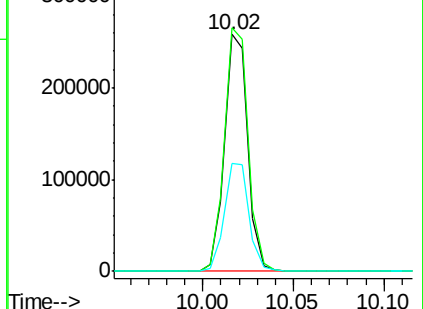
160 45.8 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 52.515 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109989.D

Acq: 19 Oct 2018 5:06

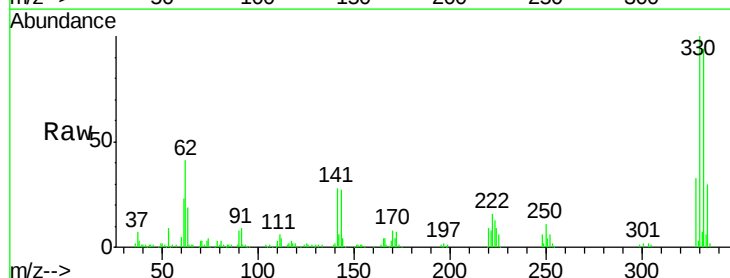
Tgt Ion:330 Resp: 104820

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

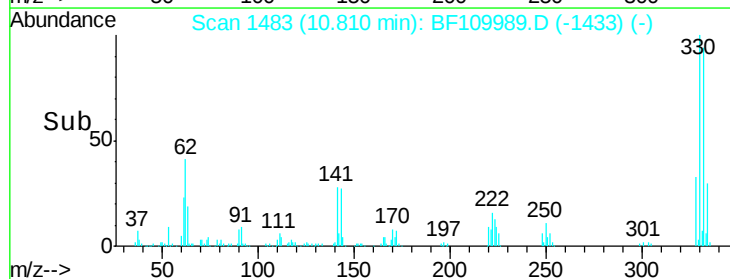
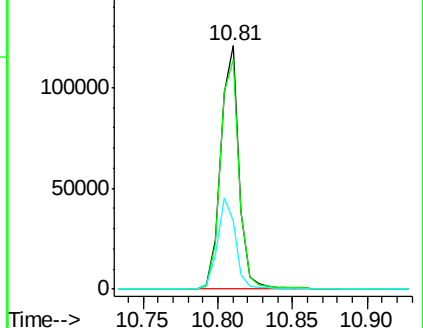
141 36.8 27.0 40.4

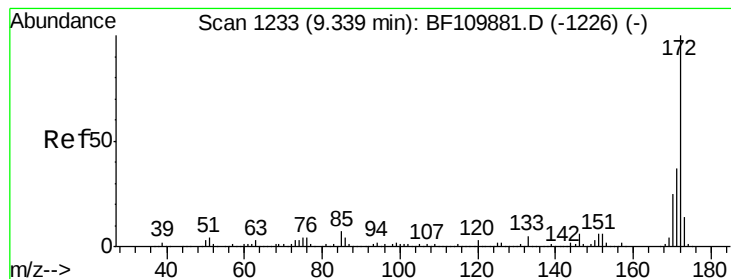


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 58.544 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF109989.D

Acq: 19 Oct 2018 5:06

Instrument :

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ClientSampleId :

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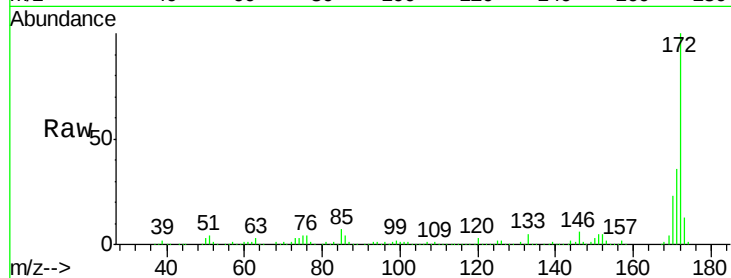
Tgt Ion:172 Resp: 845863

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

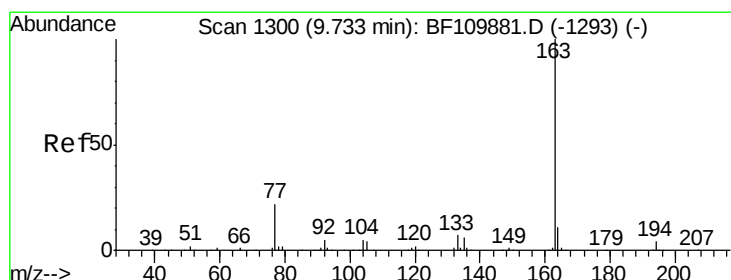
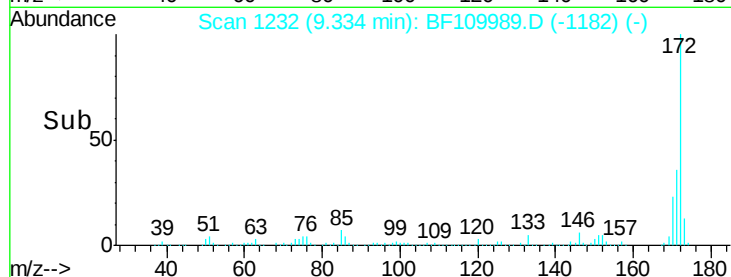
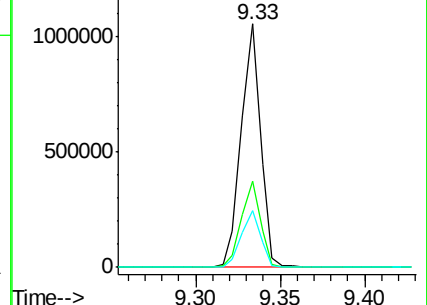
170 23.3 19.7 29.5



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: 7.327 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF109989.D

Acq: 19 Oct 2018 5:06

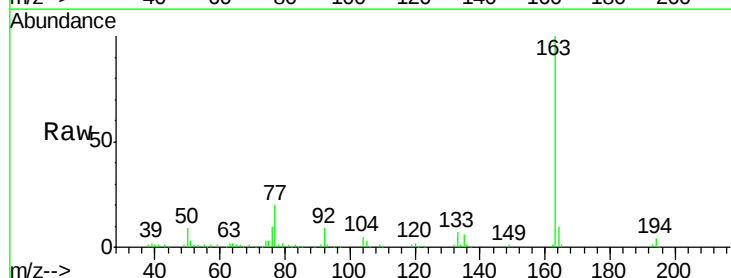
Tgt Ion:163 Resp: 119610

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

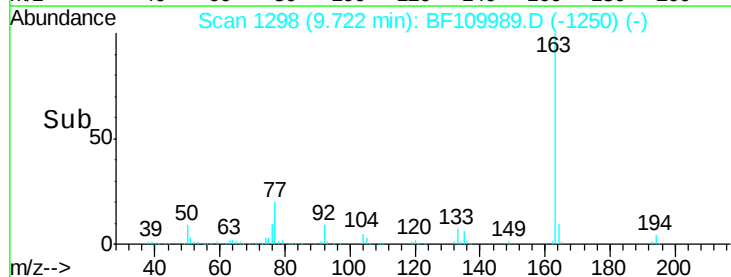
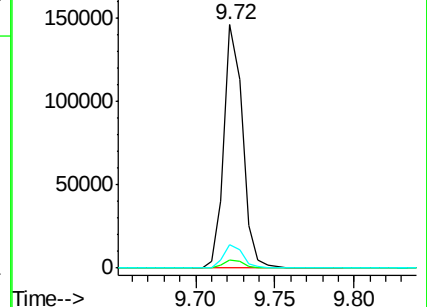
164 9.7 8.1 12.1

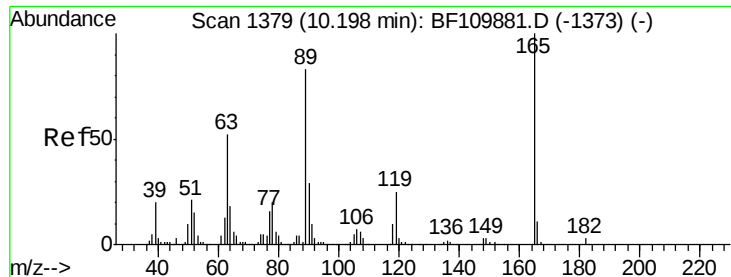


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

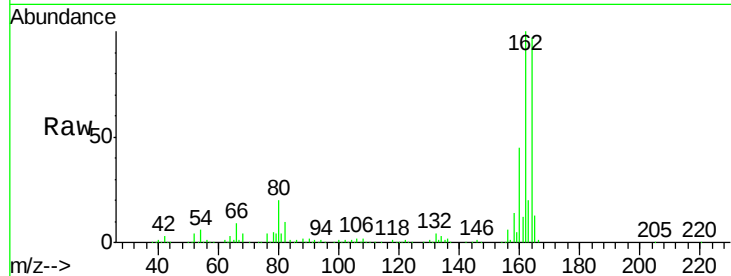




#57
 2,4-Dinitrotoluene
 Concen: 11.376 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109989.D
 Acq: 19 Oct 2018 5:06

Instrument :
 BNA_F
 ClientSampleId :
 0692-KM-CA-AMD-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

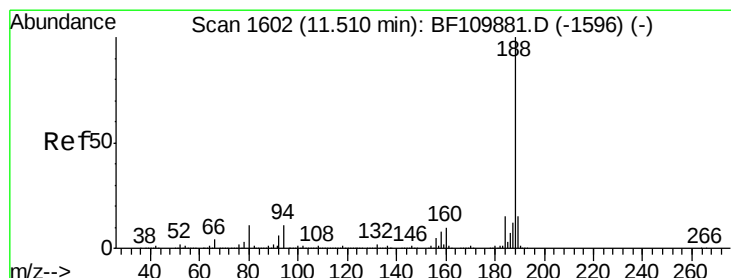
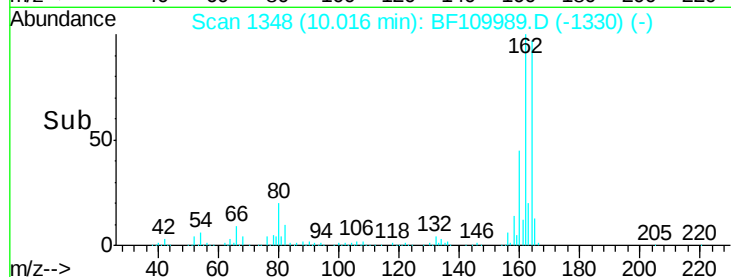
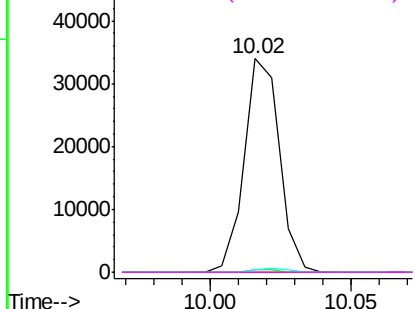


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

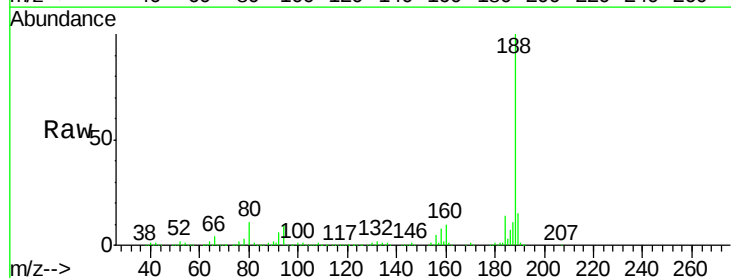
Ion 89.00 (88.70 to 89.70): BF1

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: BF109989.D
 Acq: 19 Oct 2018 5:06

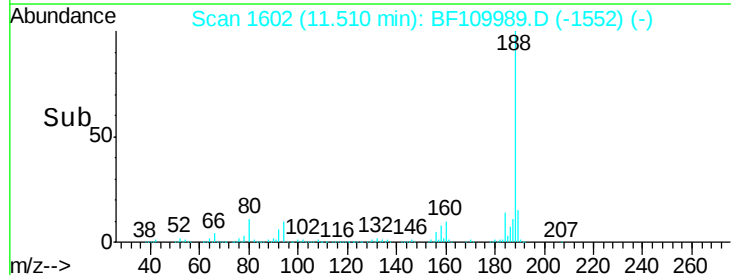
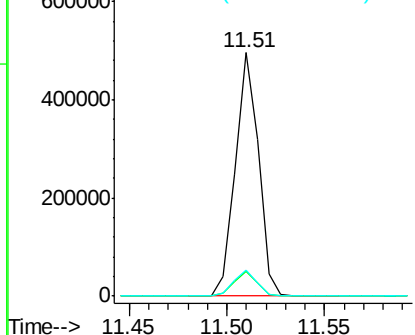
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.6	7.9	11.9

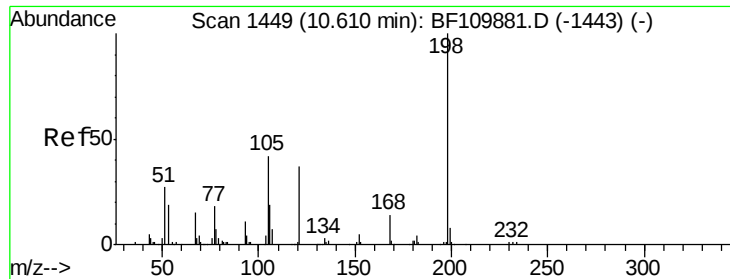


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

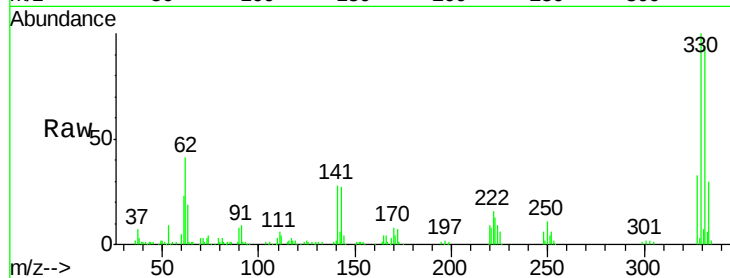




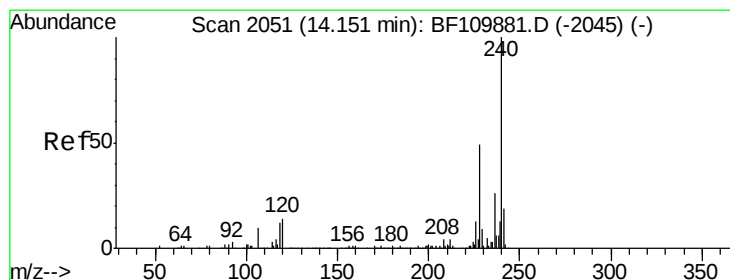
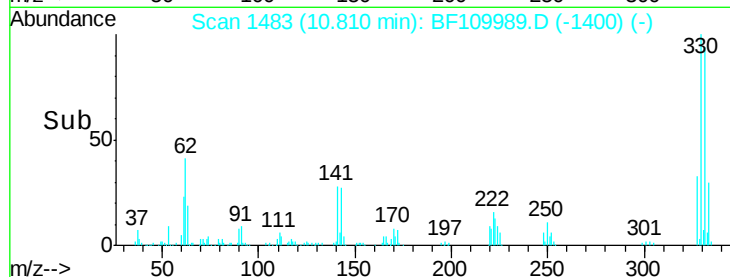
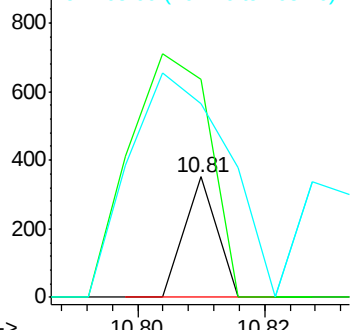
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.974 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF109989.D
 Acq: 19 Oct 2018 5:06

Instrument :
 BNA_F
 ClientSampleId :
 0692-KM-CA-AMD-COMP

Tgt Ion:198 Resp: 124
 Ion Ratio Lower Upper
 198 100
 51 181.5 22.8 62.8#
 105 160.7 23.6 63.6#

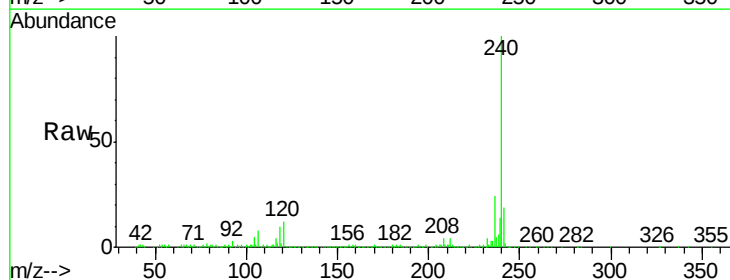


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

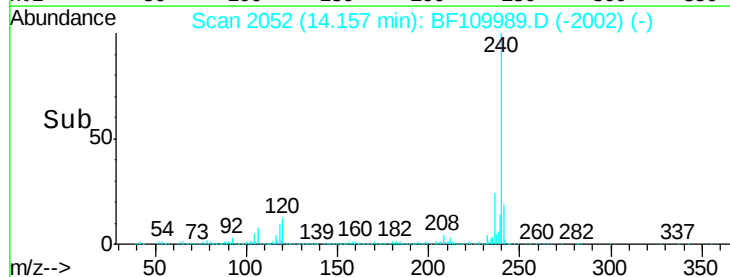
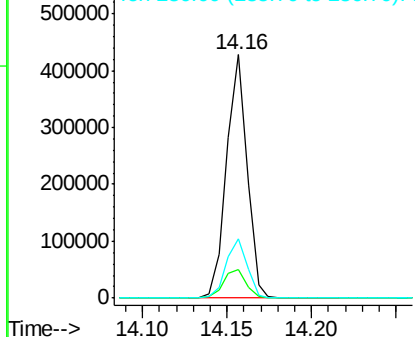


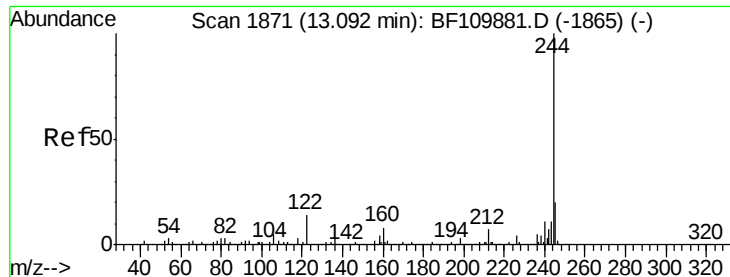
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109989.D
 Acq: 19 Oct 2018 5:06

Tgt Ion:240 Resp: 361904
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 24.1 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: 46.421 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109989.D

Acq: 19 Oct 2018 5:06

Instrument :

BNA_F

ClientSampleId :

0692-KM-CA-AMD-COMP

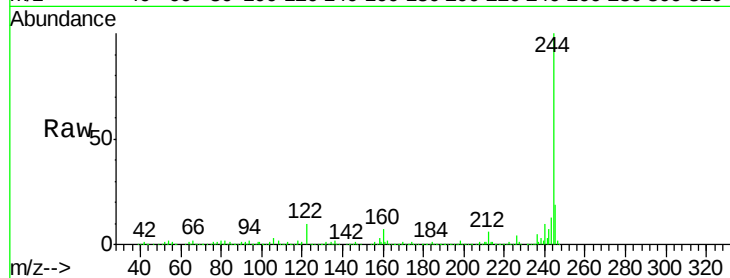
Tgt Ion:244 Resp: 800019

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

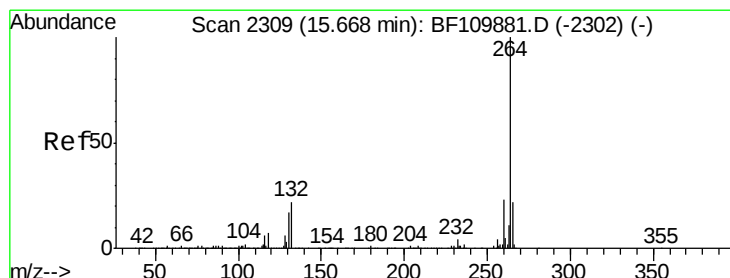
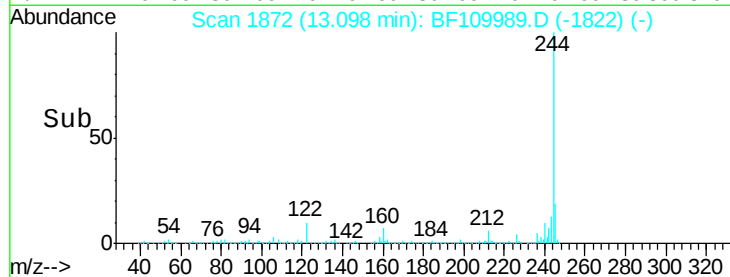
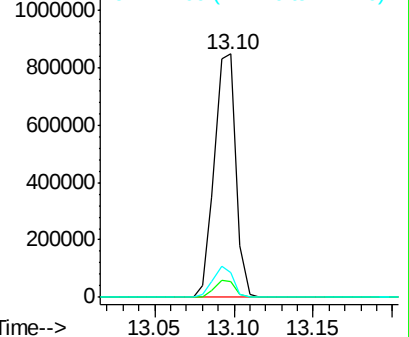
122 10.0 8.7 13.1



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: BF109989.D

Acq: 19 Oct 2018 5:06

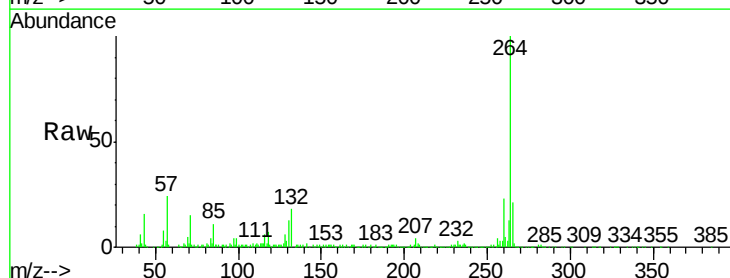
Tgt Ion:264 Resp: 255497

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.2 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

