

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 11:10:42 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

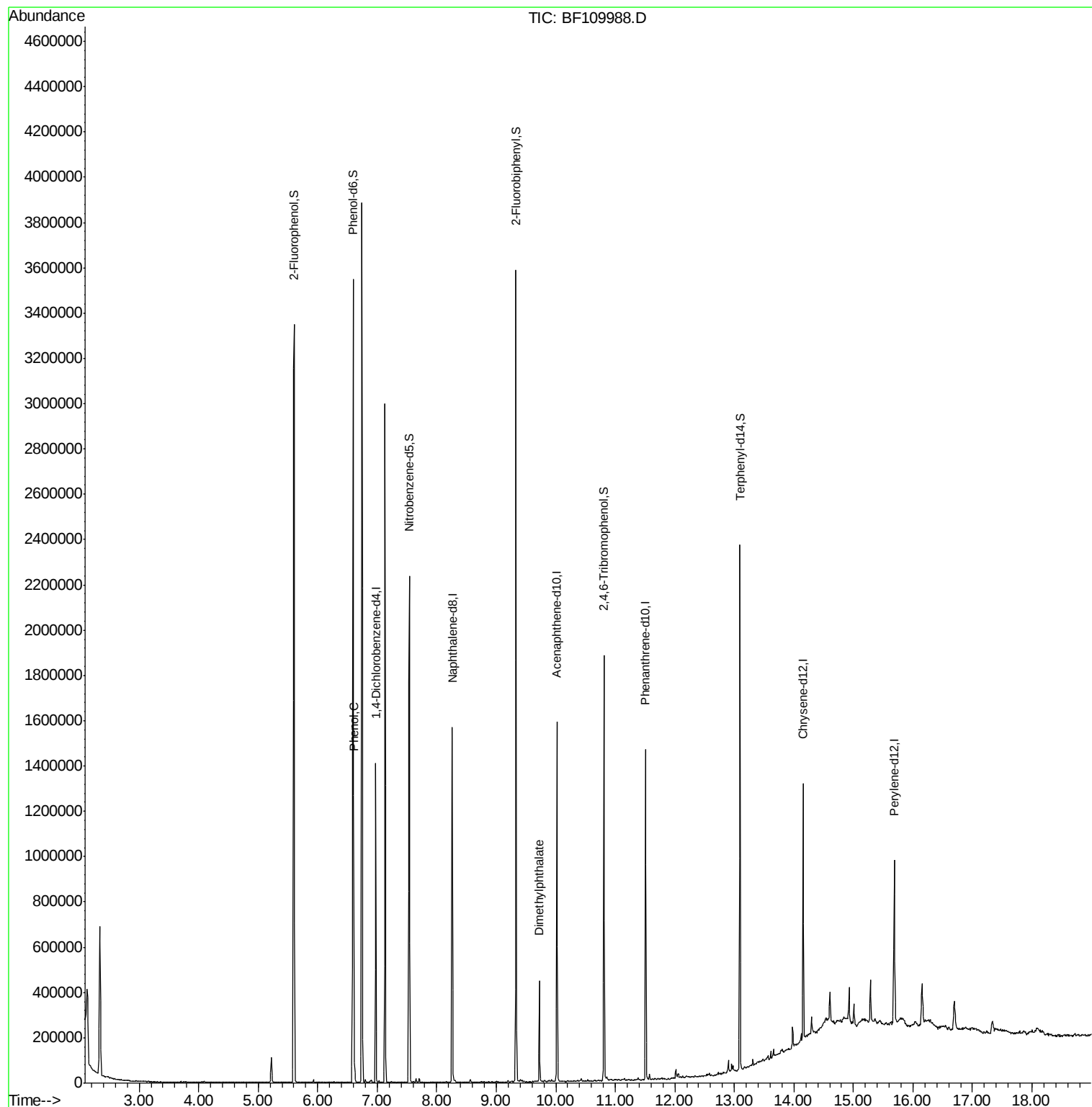
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	195601	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	735897	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	294255	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	472975	20.00	ng	0.00
76) Chrysene-d12	14.16	240	354882	20.00	ng	0.00
87) Perylene-d12	15.69	264	256868	20.00	ng	0.00
System Monitoring Compounds						
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						
10) Phenol	6.61	94	61707	3.730	ng	Qvalue # 59
50) Dimethylphthalate	9.73	163	179678	8.623	ng	98

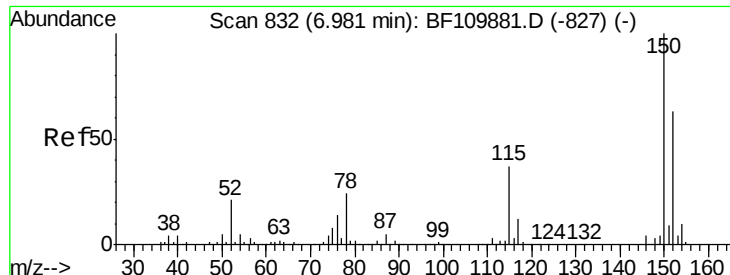
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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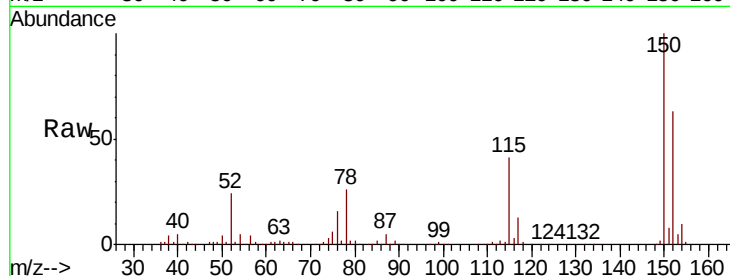


#1

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	64.8	49.1	73.7

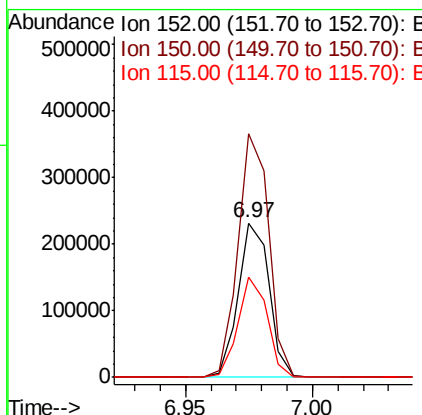
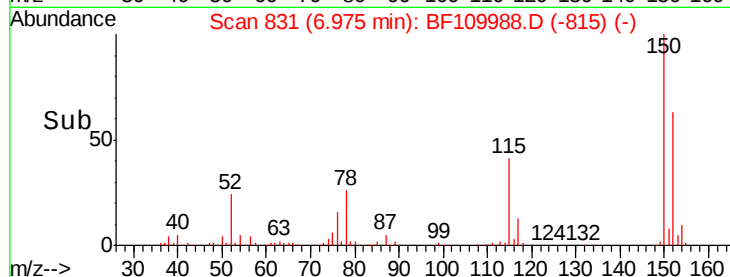


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

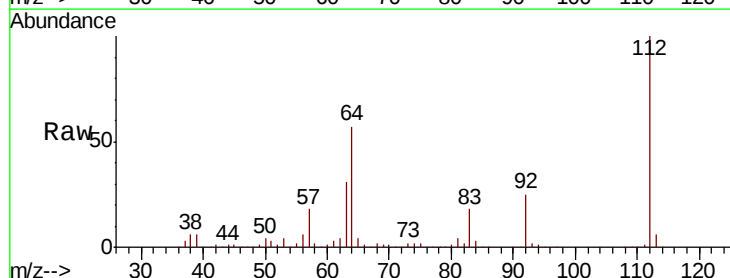
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 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	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	30.6	23.7	35.5

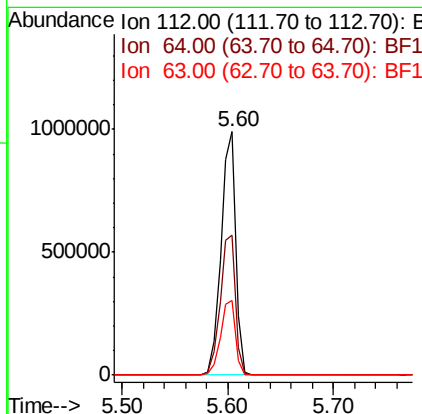
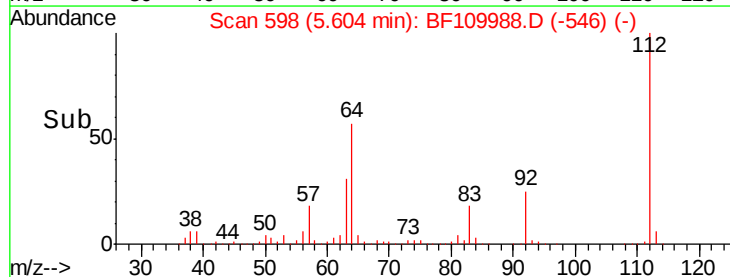


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#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

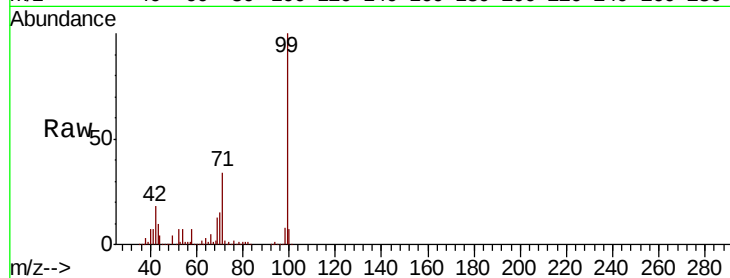
Tot Ion: 99 Resp: 1190709

Ion Ratio Lower Upper

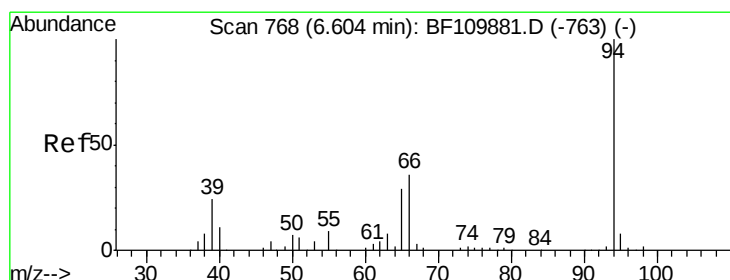
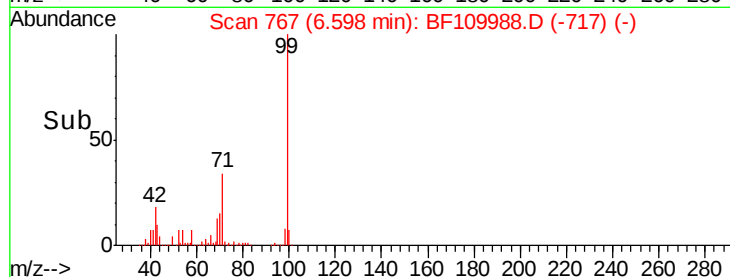
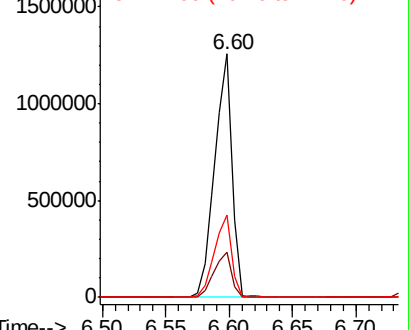
99 100

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



#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

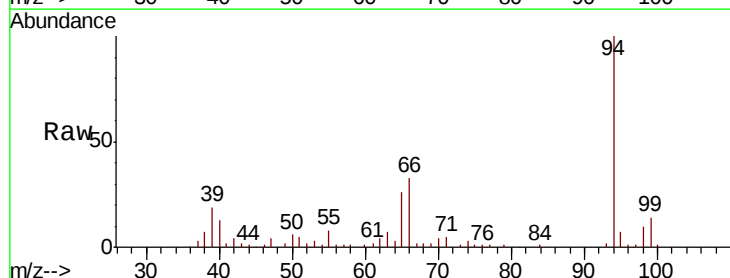
Tgt Ion: 94 Resp: 61707

Ion Ratio Lower Upper

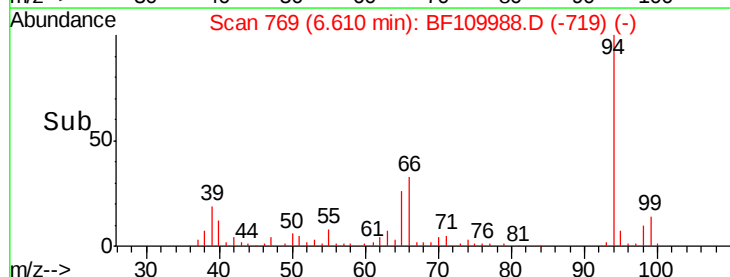
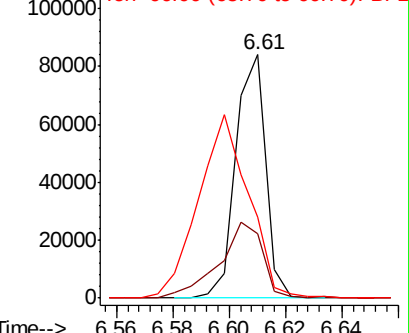
94 100

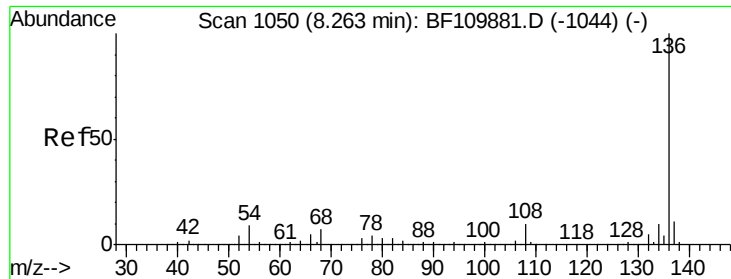
65 26.4 25.3 65.3

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

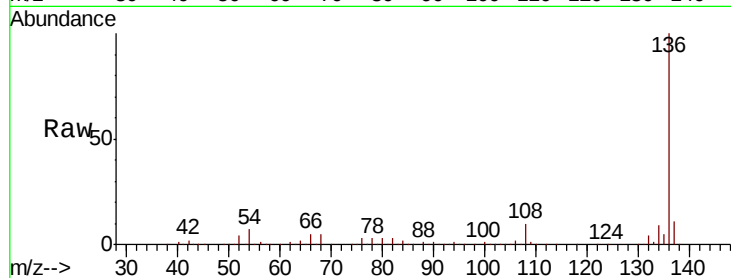




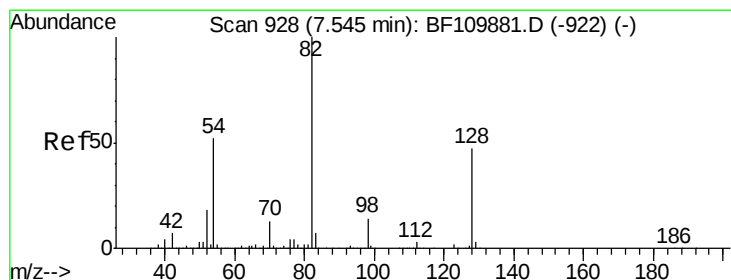
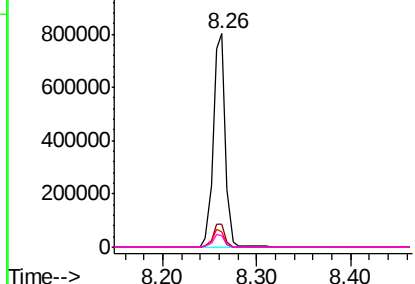
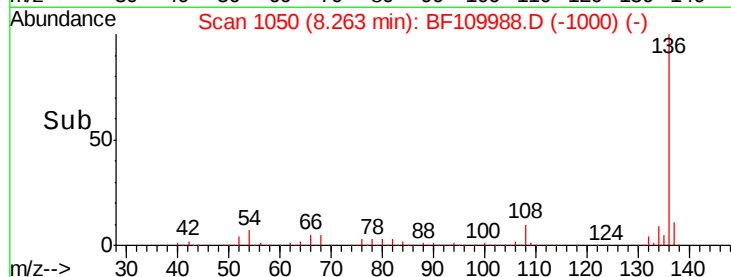
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

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

Tot 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

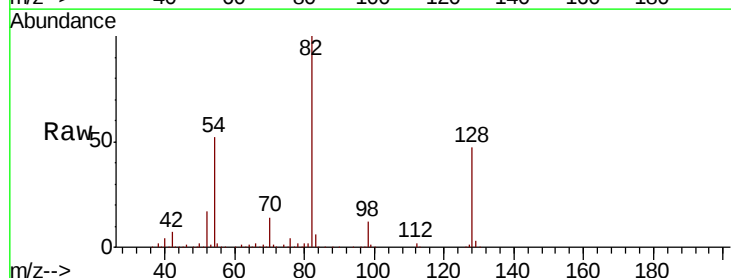


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

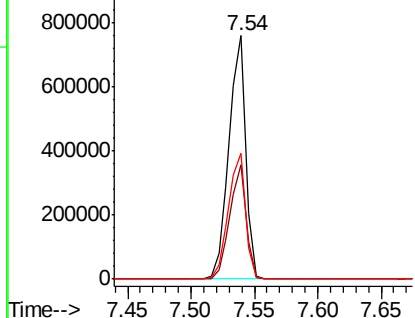
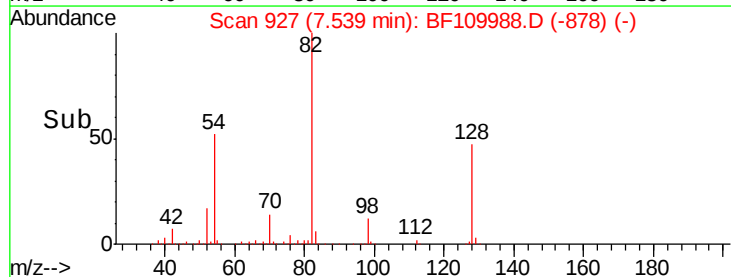


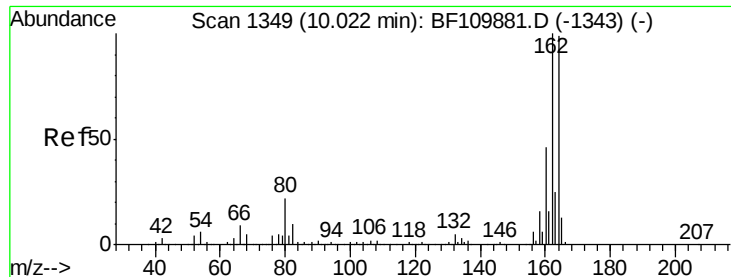
#23
Nitrobenzene-d5
Concen: 63.465 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

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





#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

Instrument :

BNA_F

ClientSampleId :

0689-KM-CA-COMP

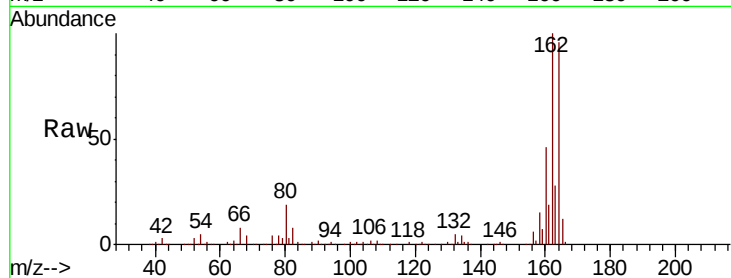
Tot Ion:164 Resp: 294255

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

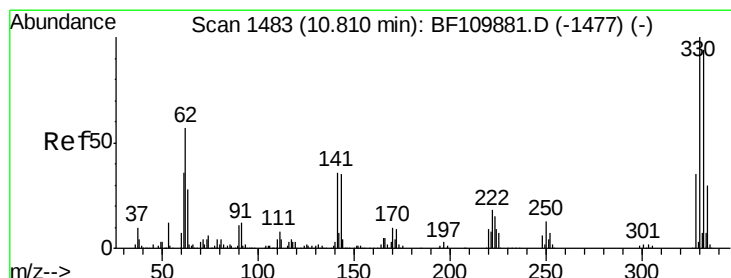
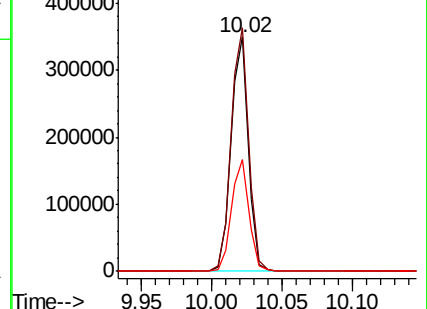
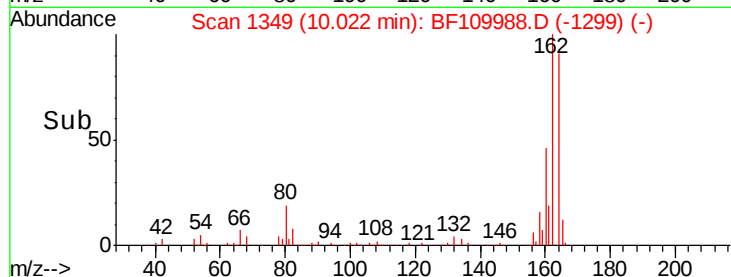
160 47.5 37.0 55.6



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: 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

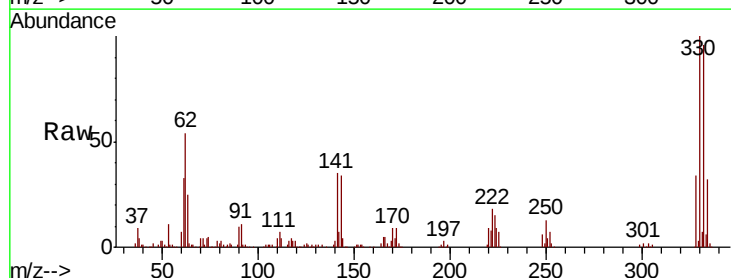
Tgt Ion:330 Resp: 200494

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

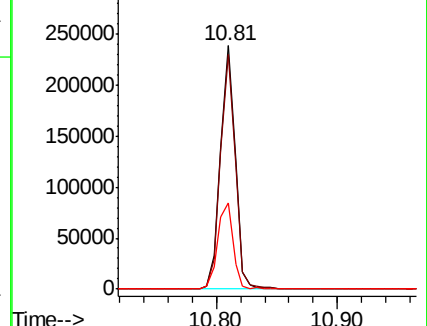
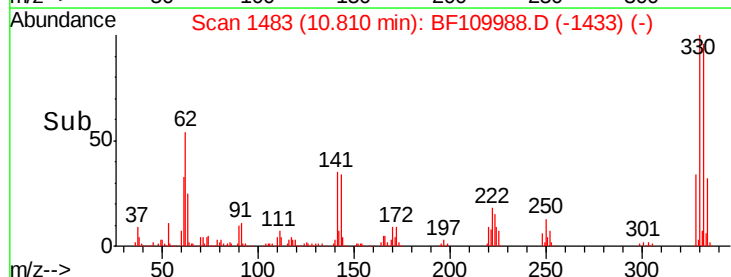
141 37.3 27.0 40.4

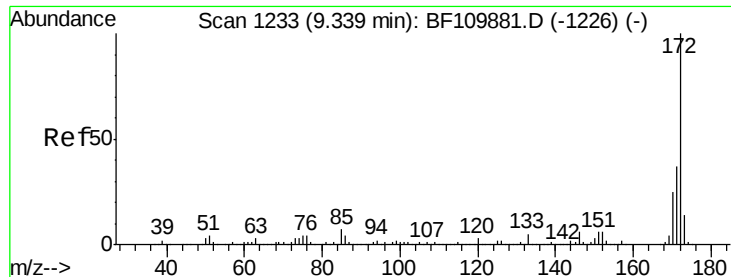


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

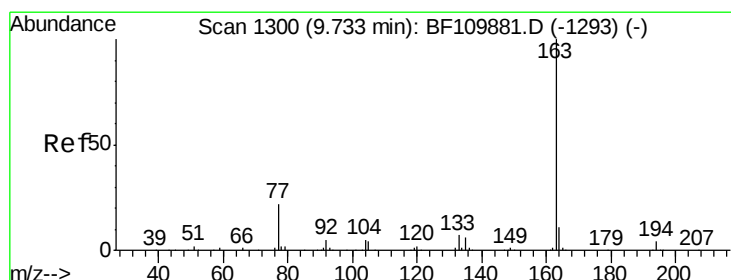
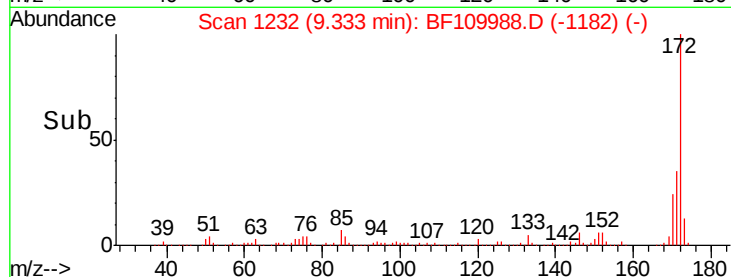
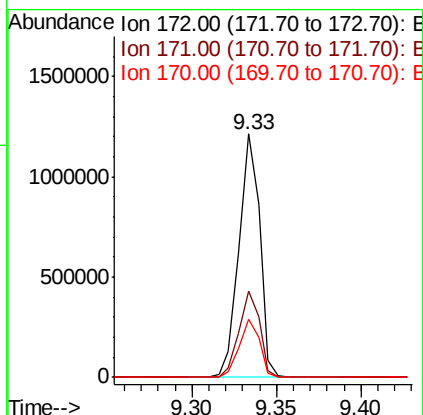
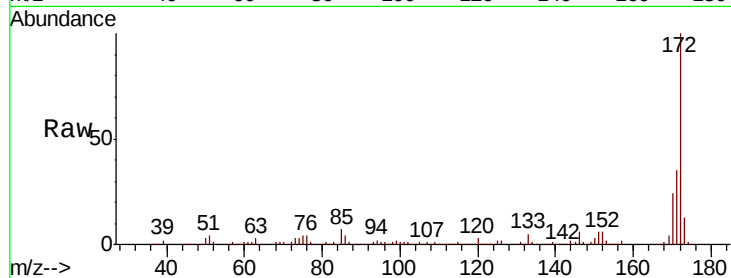




#45
2-Fluorobiphenyl
Concen: 56.293 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109988.D
Acq: 19 Oct 2018 4:39

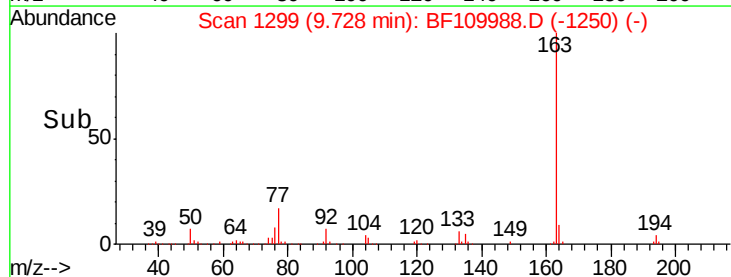
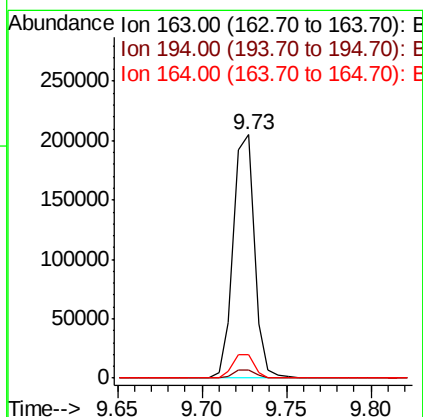
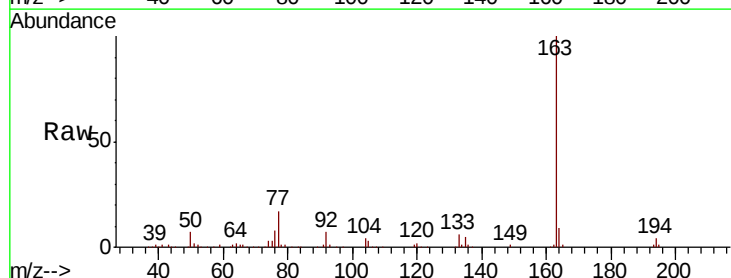
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0689-KM-CA-COMP

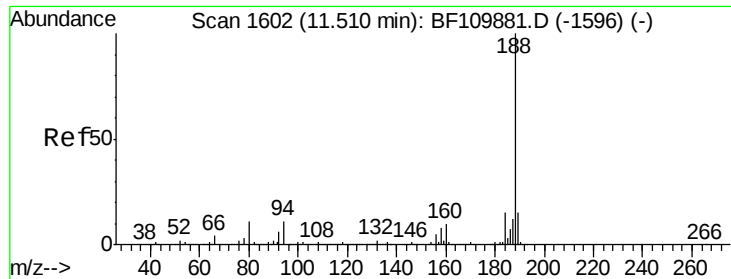
Tot Ion:172 Resp: 1038096
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.7 29.5



#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

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





#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

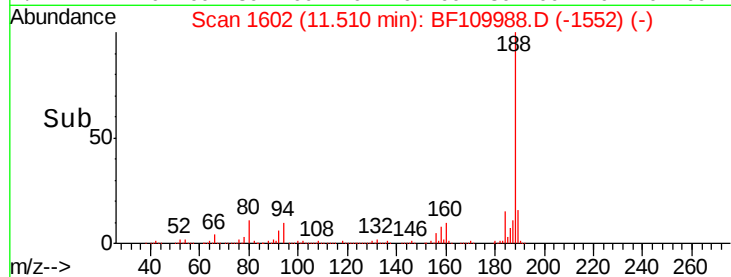
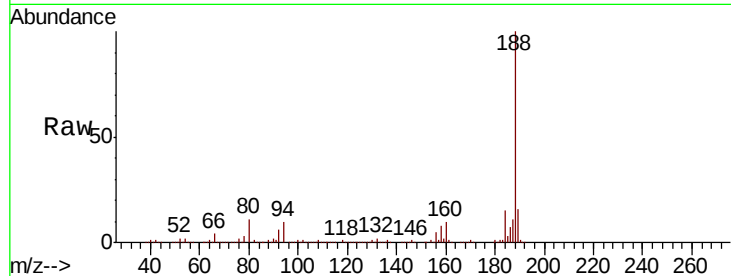
Tot Ion:188 Resp: 472975

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

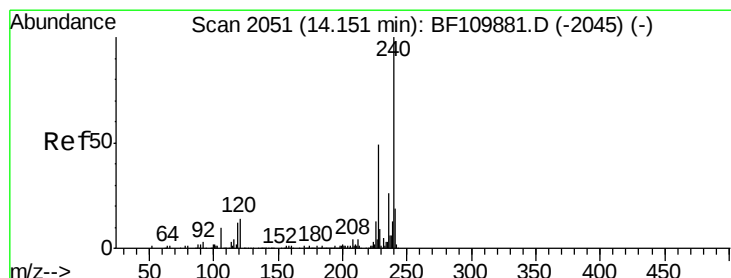
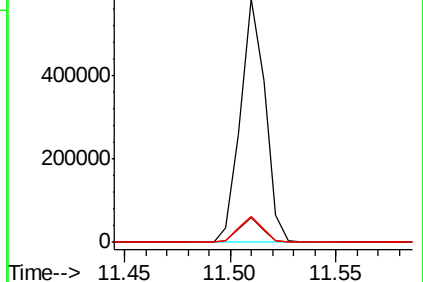
80 10.7 7.9 11.9



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



#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

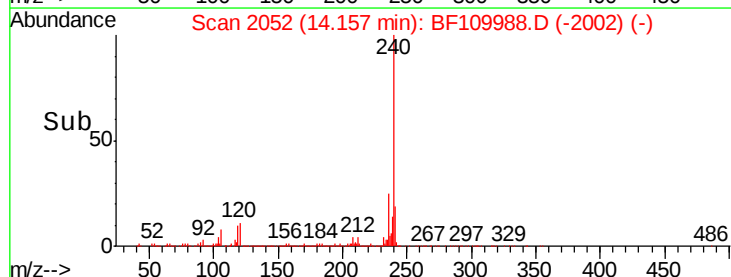
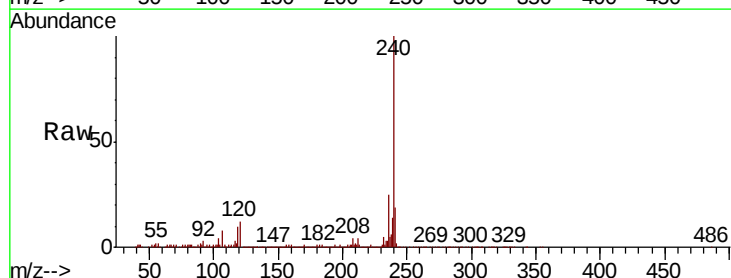
Tgt Ion:240 Resp: 354882

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

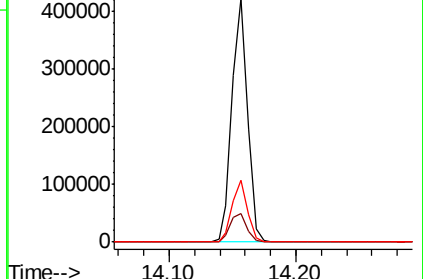
236 25.2 21.2 31.8

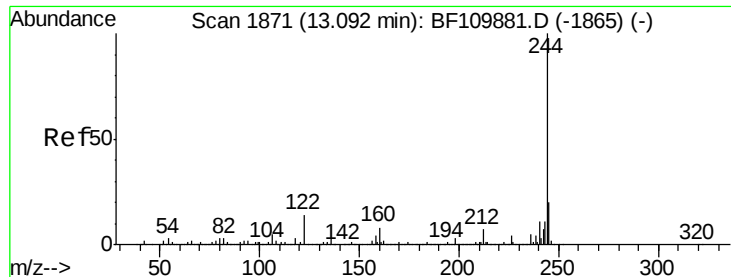


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

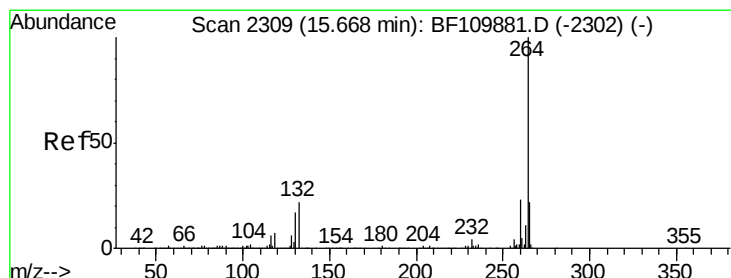
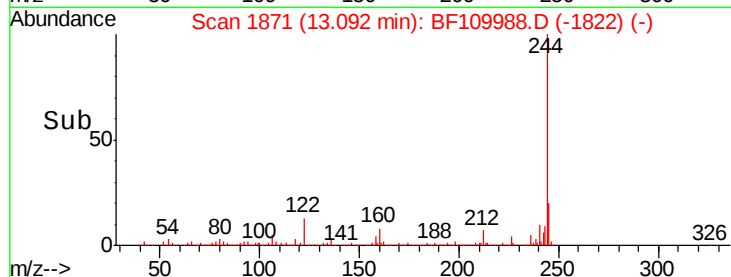
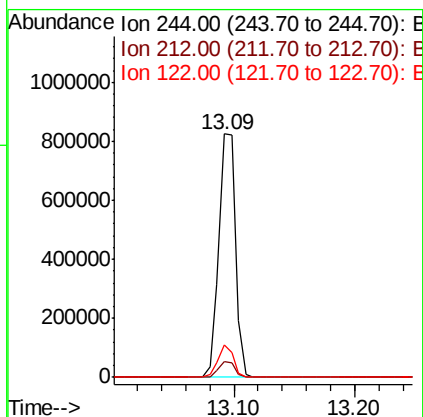
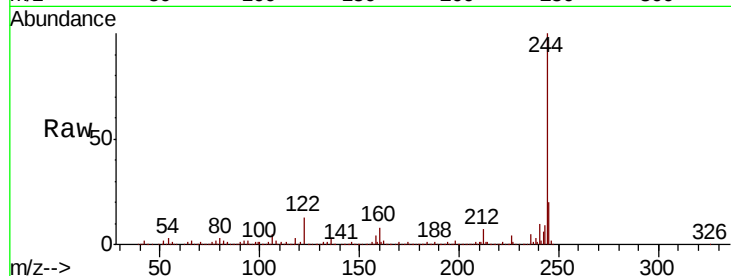




#79
 Terphenyl-d14
 Concen: 46.076 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109988.D
 Acq: 19 Oct 2018 4:39

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	13.1	8.7	13.1



#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	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	16.7	25.1

