

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103691.D
 Acq On : 16 Mar 2018 12:51
 Operator : JU/SJ
 Sample : J1867-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS093071

Quant Time: Mar 16 14:43:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

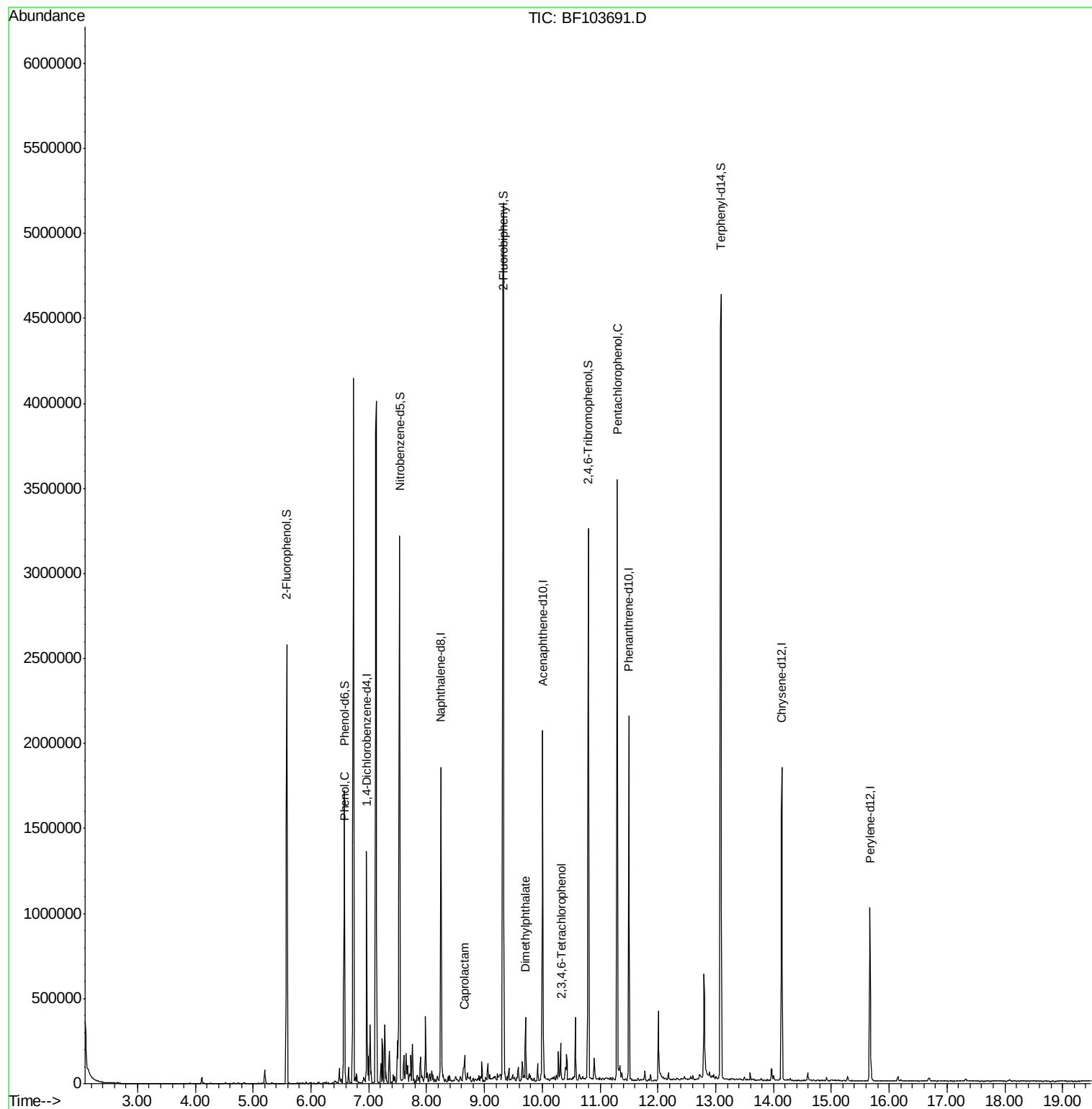
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	193800	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	801694	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	379518	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	700330	20.00	ng	0.00
75) Chrysene-d12	14.14	240	602609	20.00	ng	0.00
86) Perylene-d12	15.67	264	480046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	734980	57.68	ng	0.00
7) Phenol-d6	6.57	99	551654	35.39	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1199085	104.30	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	468501	143.57	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1873552	78.75	ng	0.00
78) Terphenyl-d14	13.09	244	1920303	73.97	ng	0.00
Target Compounds						
10) Phenol	6.59	94	34329	2.072	ng	95
35) Caprolactam	8.66	113	25058	7.016	ng	89
49) Dimethylphthalate	9.71	163	115871	4.002	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	25712	4.642	ng	# 96
69) Pentachlorophenol	11.30	266	411314	87.175	ng	96

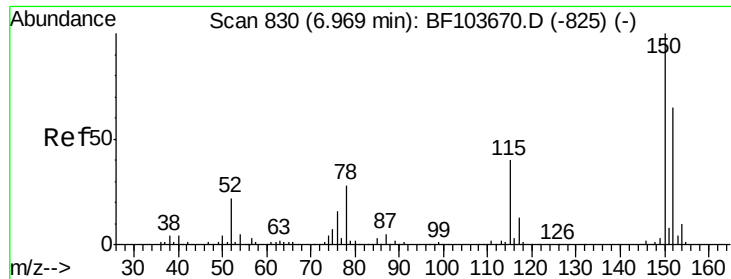
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
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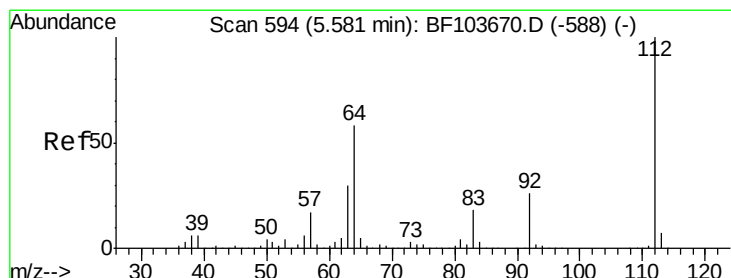
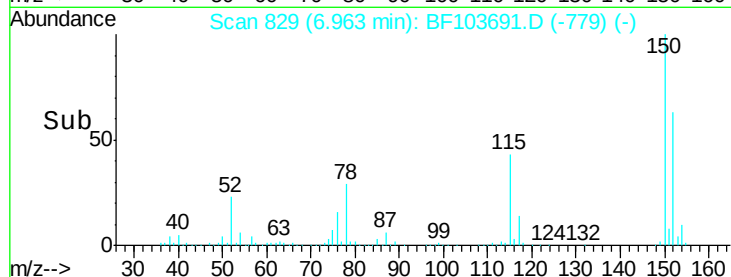
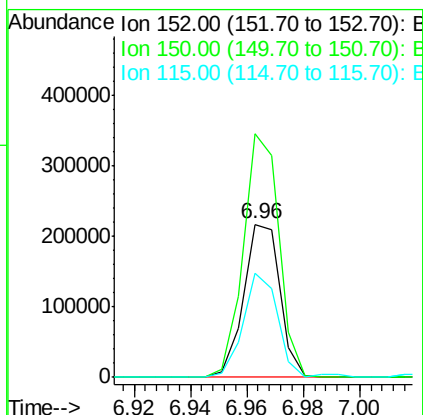
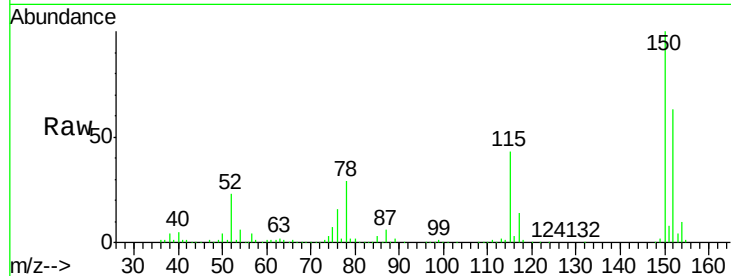


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103691.D
Acq: 16 Mar 2018 12:51

Instrument :
BNA_F
ClientSampleId :
CPS093071

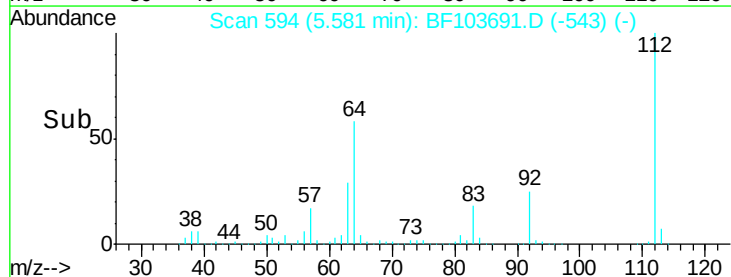
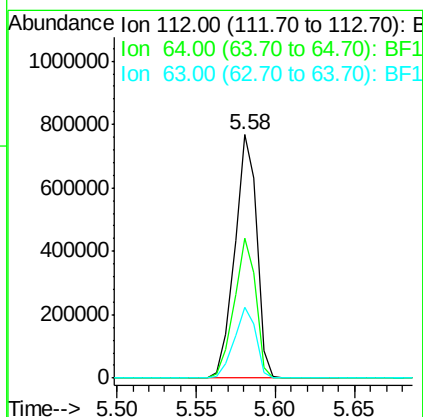
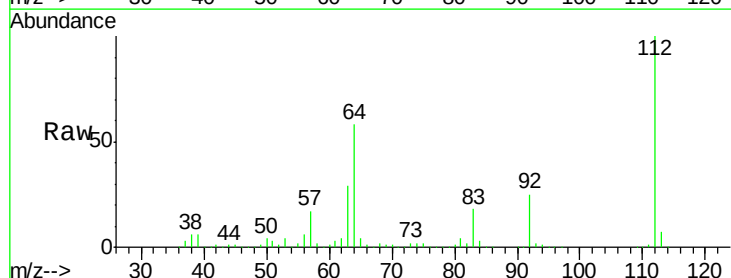
Tot Ion:152 Resp: 193800
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 68.1 50.1 75.1

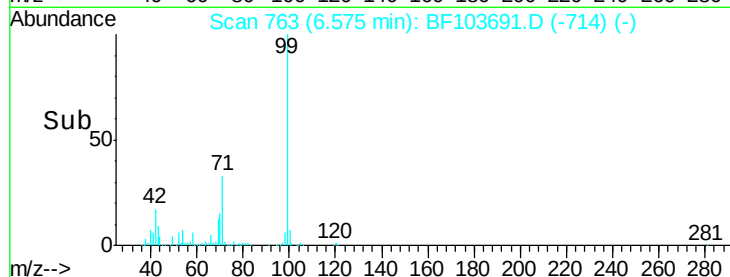
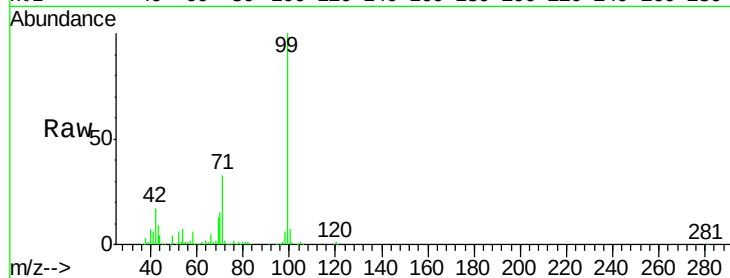
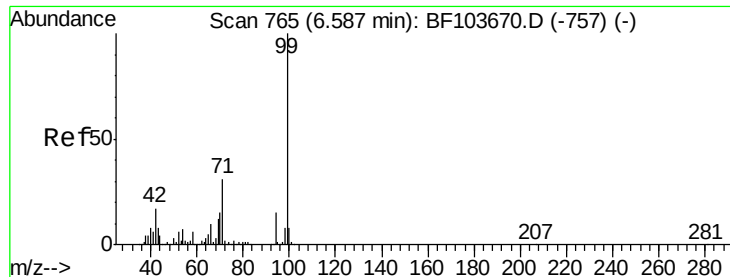


#5

2-Fluorophenol
Concen: 57.683 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103691.D
Acq: 16 Mar 2018 12:51

Tgt Ion:112 Resp: 734980
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 35.388 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF103691.D

Acq: 16 Mar 2018 12:51

Instrument :

BNA_F

ClientSampleId :

CPS093071

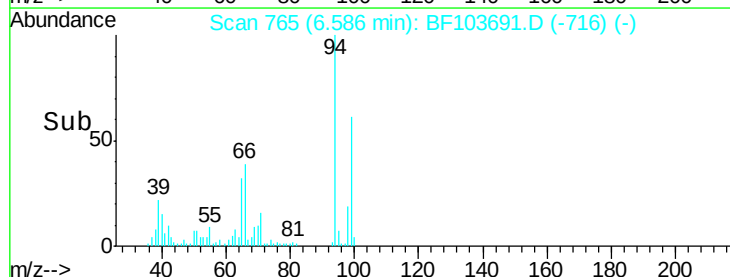
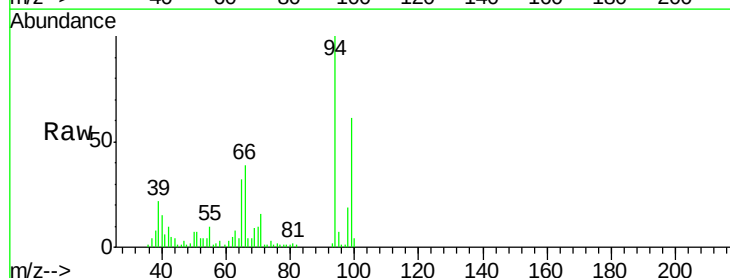
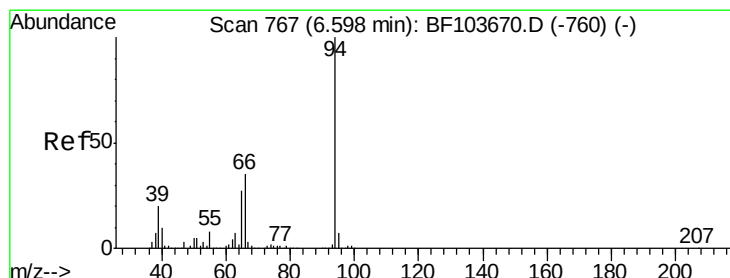
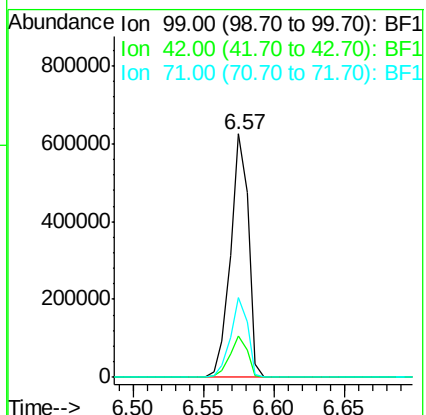
Tot Ion: 99 Resp: 551654

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 32.8 25.4 38.0



#10

Phenol

Concen: 2.072 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103691.D

Acq: 16 Mar 2018 12:51

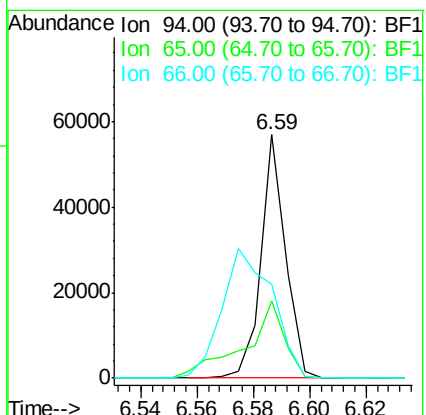
Tgt Ion: 94 Resp: 34329

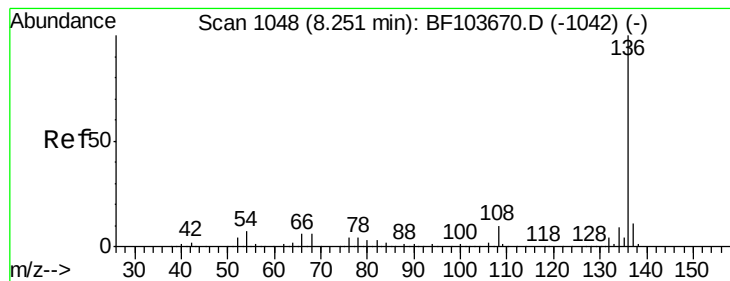
Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 38.6 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF103691.D

Acq: 16 Mar 2018 12:51

Instrument :

BNA_F

ClientSampled :

CPS093071

Tot Ion:136 Resp: 801694

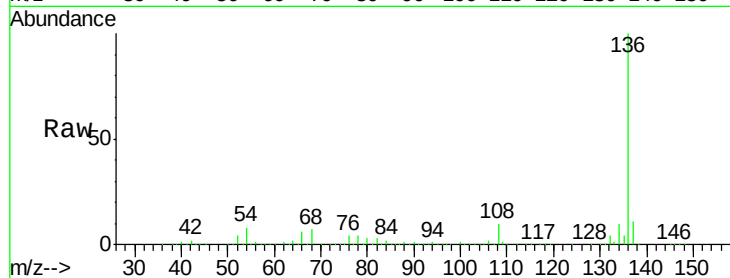
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.8 6.6 9.8

68 6.5 5.0 7.4

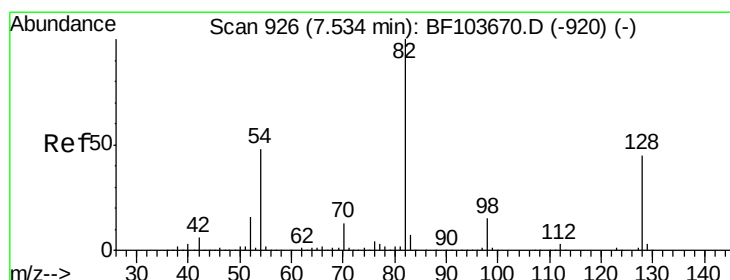
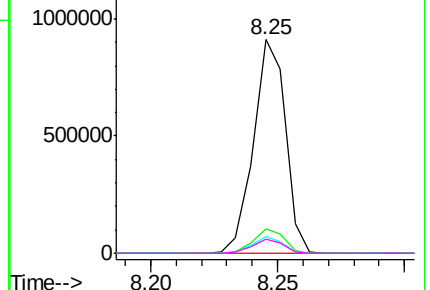
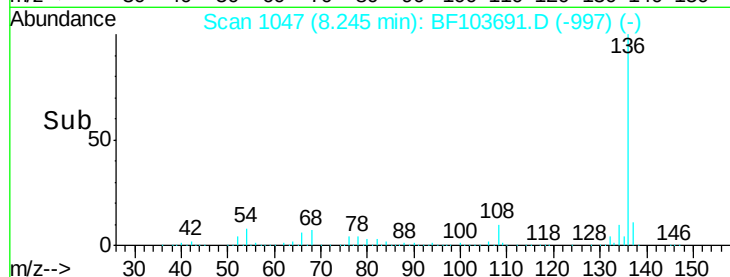


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.303 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF103691.D

Acq: 16 Mar 2018 12:51

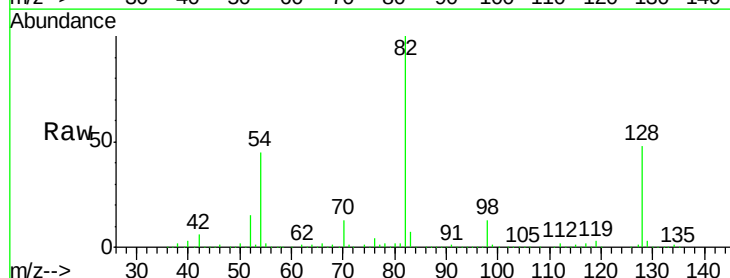
Tgt Ion: 82 Resp: 1199085

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

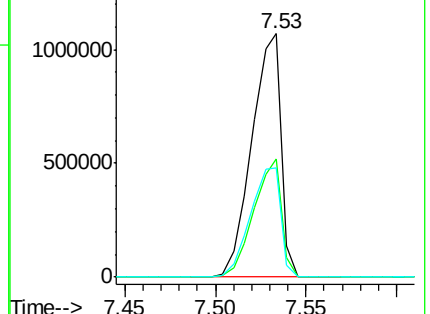
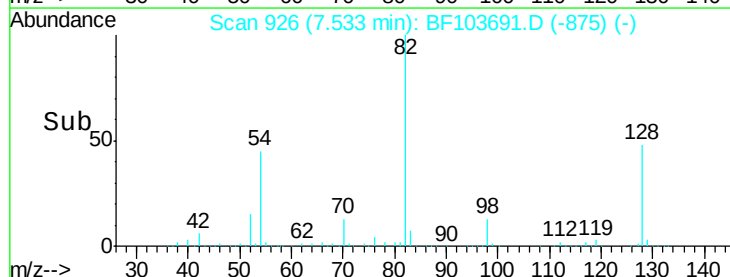
54 45.1 41.4 62.2

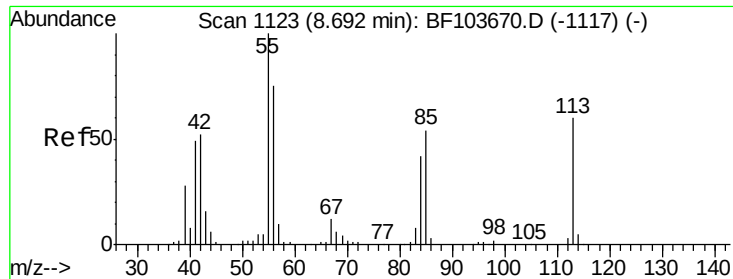


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

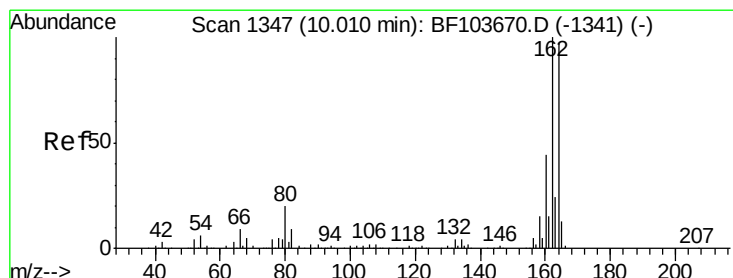
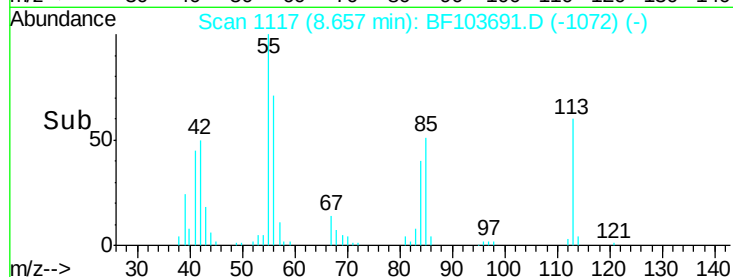
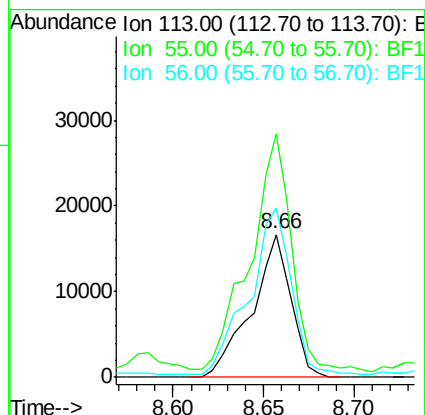
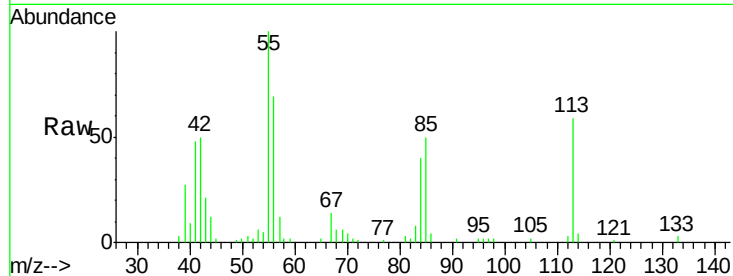




#35
 Caprolactam
 Concen: 7.016 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BF103691.D
 Acq: 16 Mar 2018 12:51

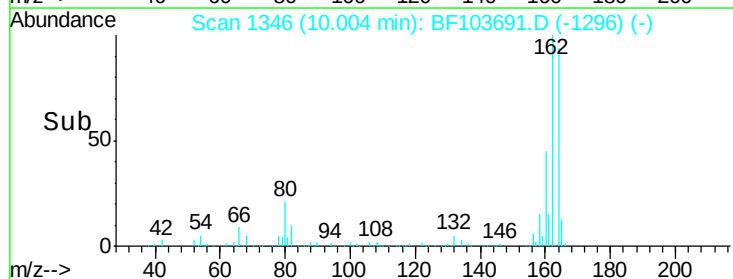
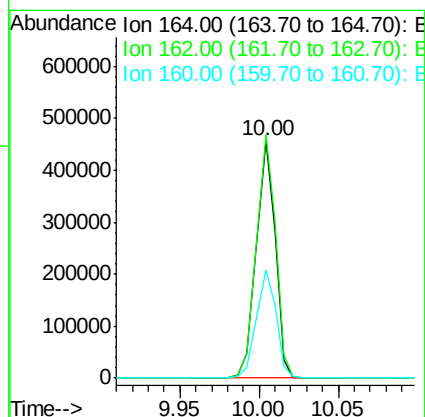
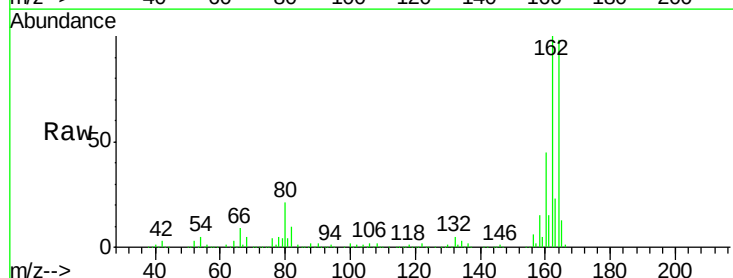
Instrument :
 BNA_F
 ClientSampleId :
 CPS093071

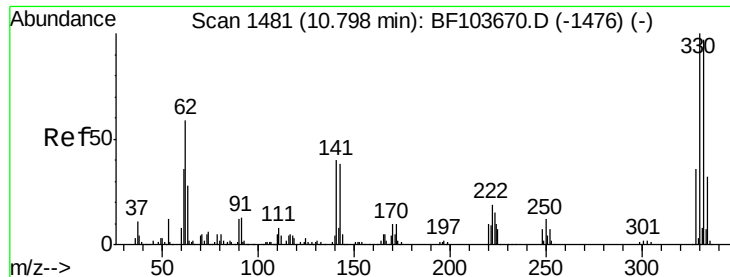
Tot Ion:113 Resp: 25058
 Ion Ratio Lower Upper
 113 100
 55 170.5 163.3 203.3
 56 118.4 115.7 155.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103691.D
 Acq: 16 Mar 2018 12:51

Tgt Ion:164 Resp: 379518
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 45.7 38.3 57.5

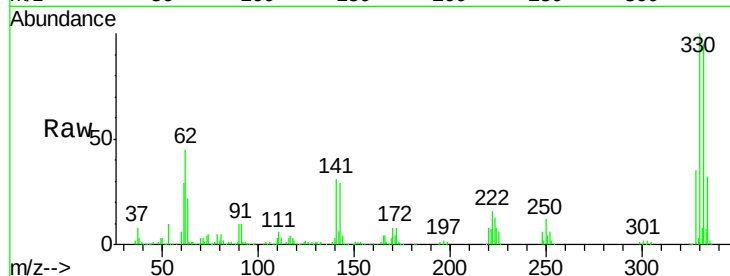




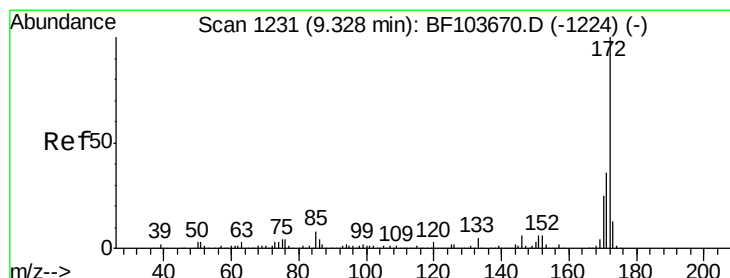
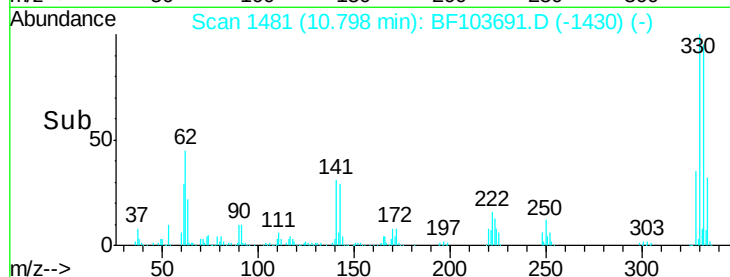
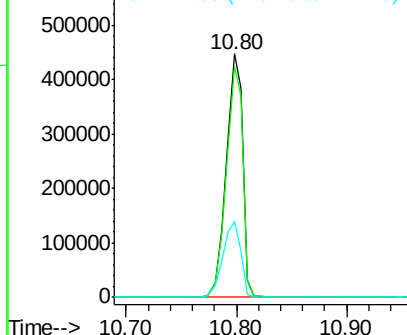
#41
 2,4,6-Tribromophenol
 Concen: 143.575 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103691.D
 Acq: 16 Mar 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 CPS093071

Tot Ion:330 Resp: 468501
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 33.8 29.9 44.9

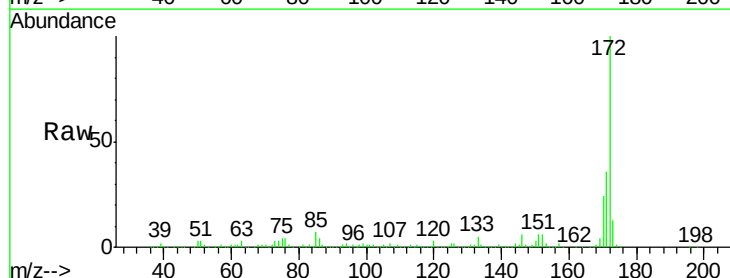


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

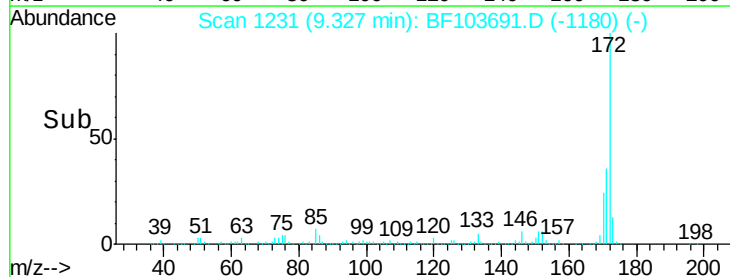
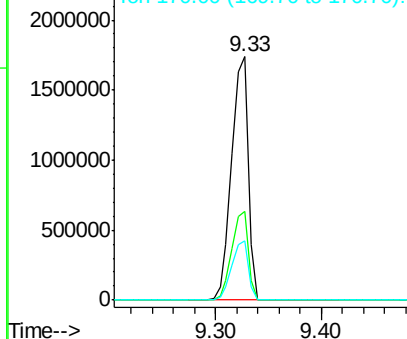


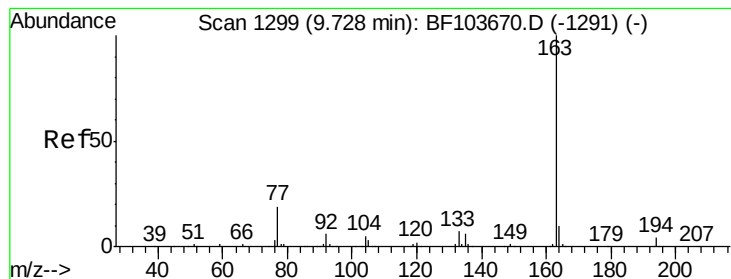
#44
 2-Fluorobiphenyl
 Concen: 78.747 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF103691.D
 Acq: 16 Mar 2018 12:51

Tgt Ion:172 Resp: 1873552
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 19.6 29.4



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: 4.002 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF103691.D

Acq: 16 Mar 2018 12:51

Instrument :

BNA_F

ClientSampleId :

CPS093071

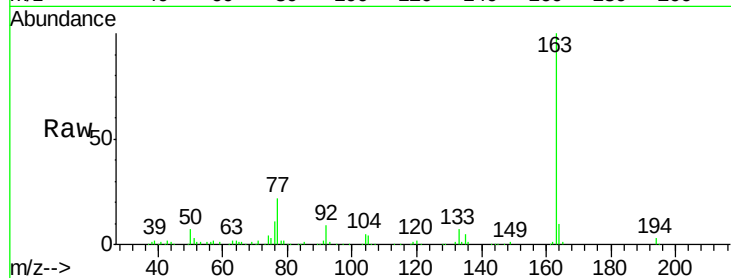
Tot Ion:163 Resp: 115871

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

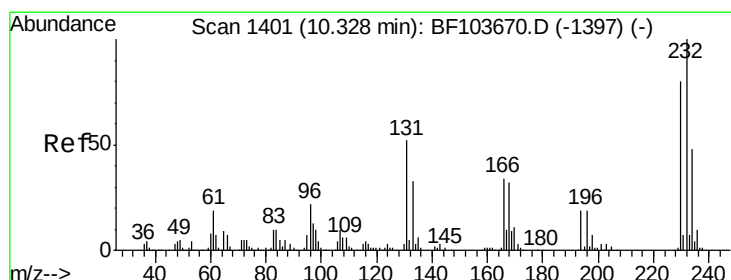
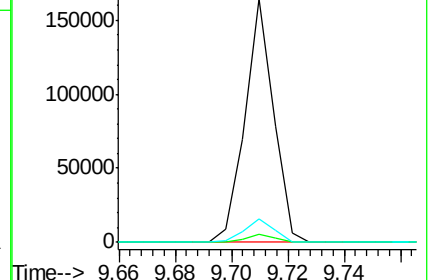
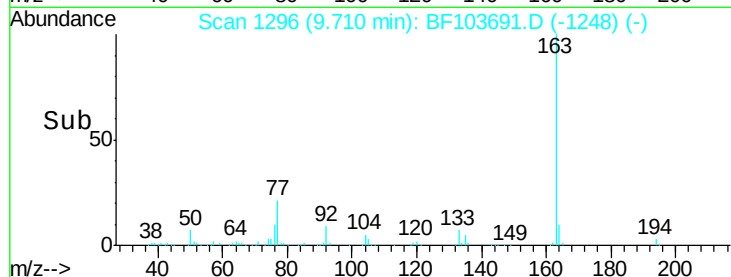
164 9.8 8.2 12.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.642 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF103691.D

Acq: 16 Mar 2018 12:51

Tgt Ion:232 Resp: 25712

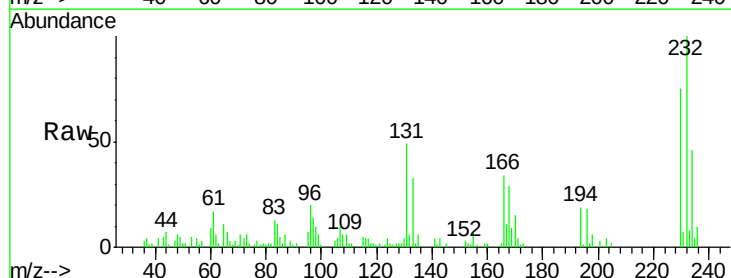
Ion Ratio Lower Upper

232 100

131 58.0 43.8 65.8

130 4.0 2.1 3.1#

166 33.2 27.8 41.6

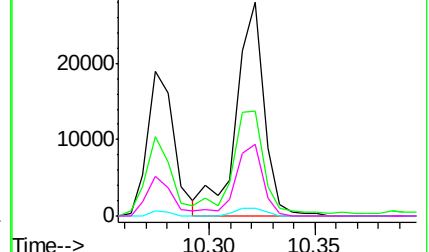
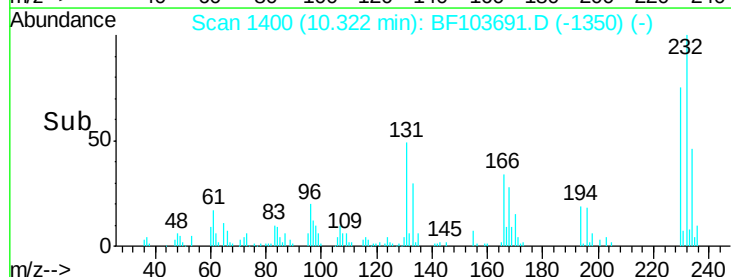


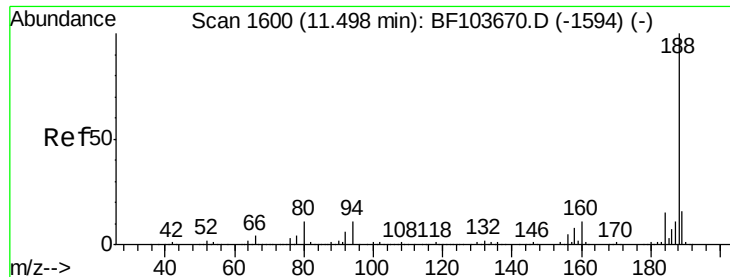
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

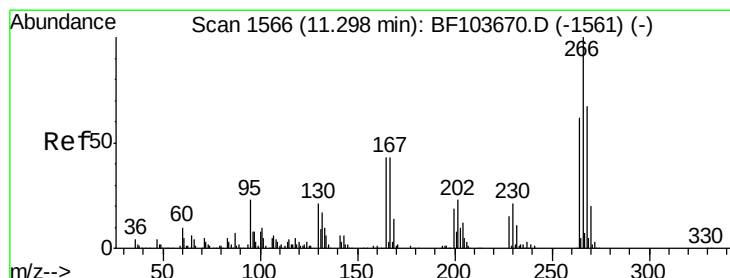
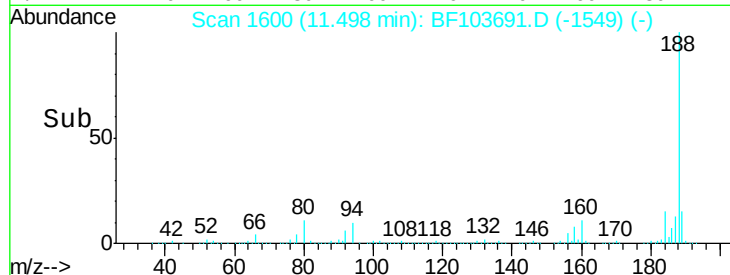
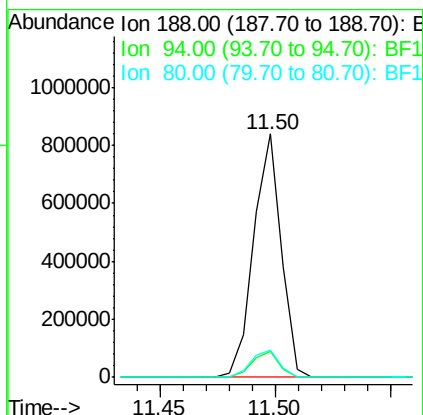
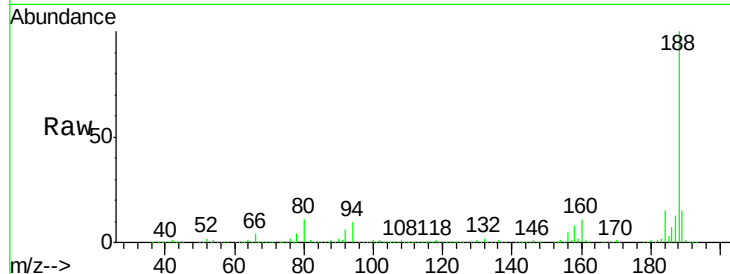




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103691.D
Acq: 16 Mar 2018 12:51

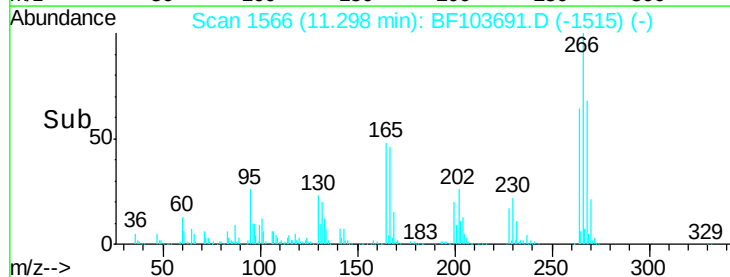
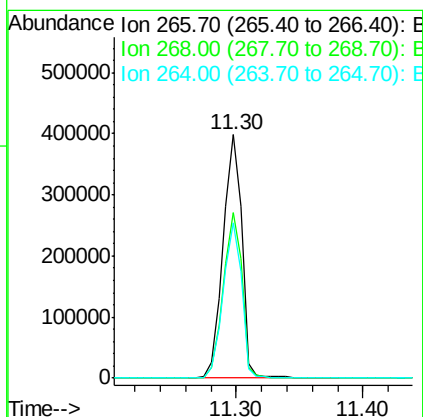
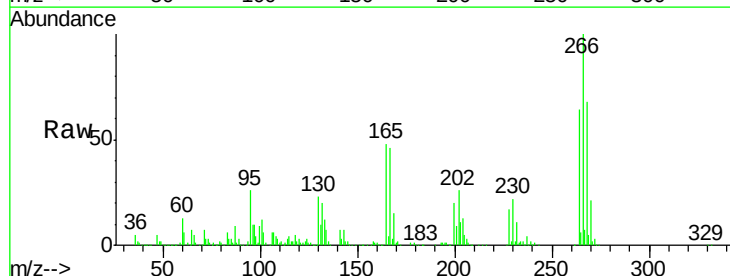
Instrument :
BNA_F
ClientSampleId :
CPS093071

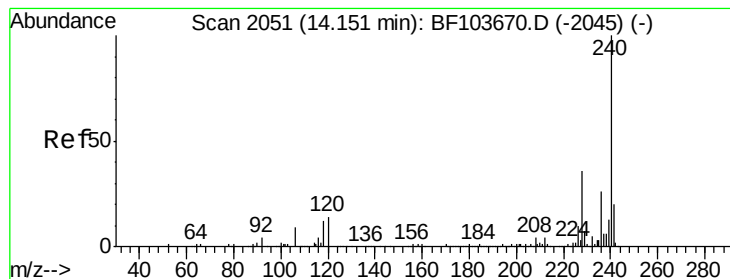
Tot Ion:188 Resp: 700330
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#69
Pentachlorophenol
Concen: 87.175 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF103691.D
Acq: 16 Mar 2018 12:51

Tgt Ion:266 Resp: 411314
Ion Ratio Lower Upper
266 100
268 68.0 51.1 76.7
264 63.9 49.5 74.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF103691.D

Acq: 16 Mar 2018 12:51

Instrument :

BNA_F

ClientSampleId :

CPS093071

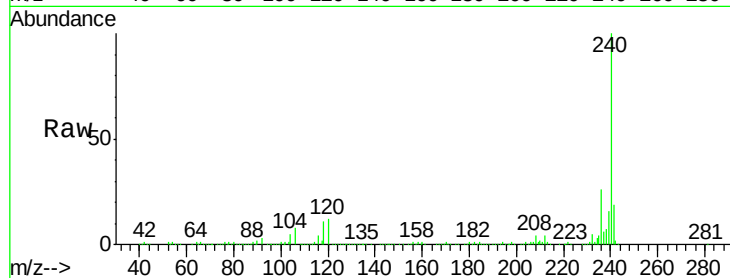
Tot Ion:240 Resp: 602609

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

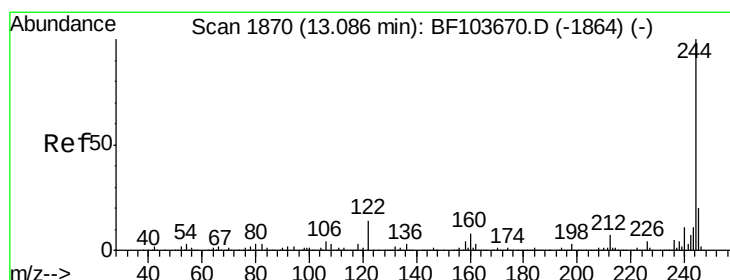
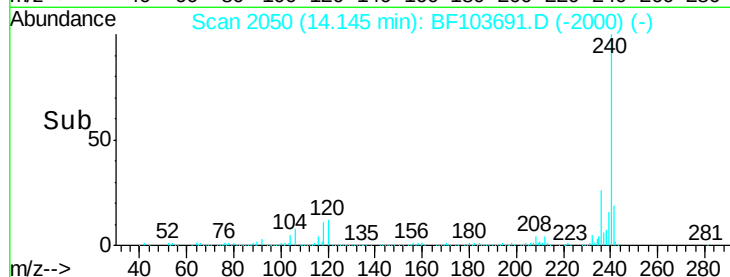
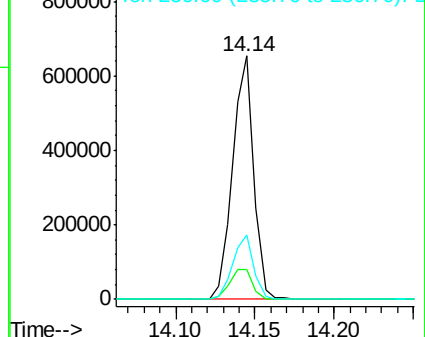
236 26.5 20.7 31.1



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: 73.967 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103691.D

Acq: 16 Mar 2018 12:51

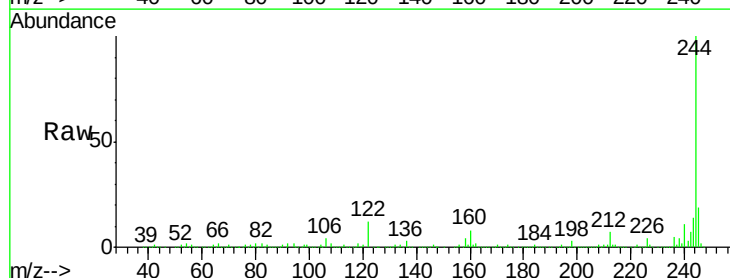
Tgt Ion:244 Resp: 1920303

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

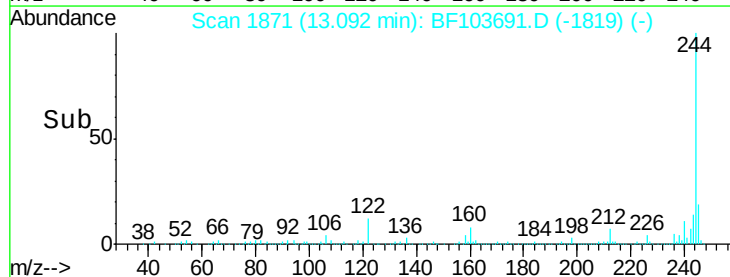
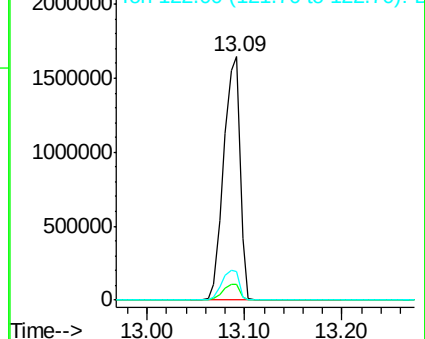
122 11.7 11.0 16.4

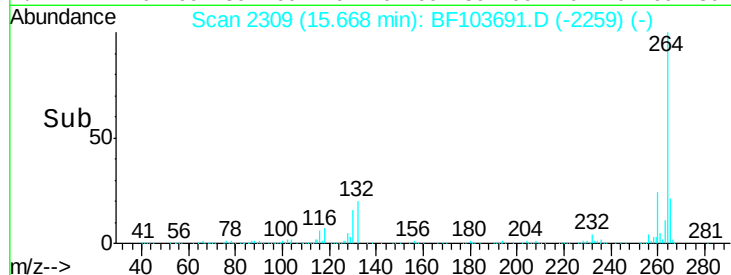
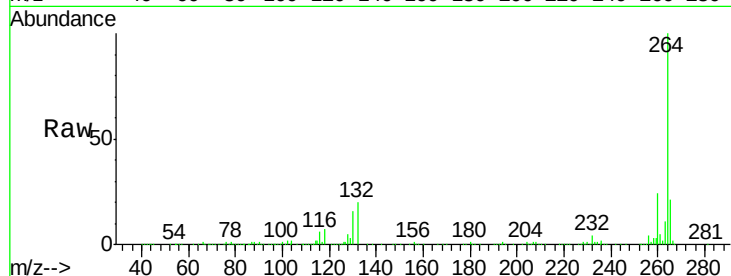
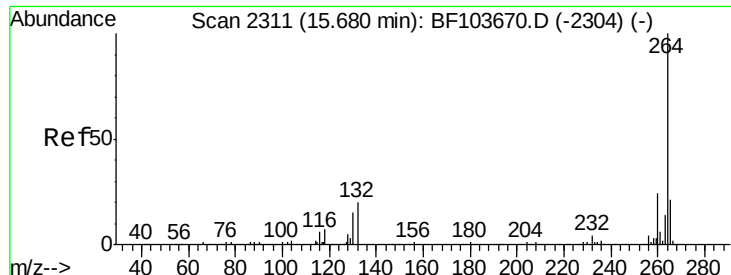


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF103691.D
 Acq: 16 Mar 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 CPS093071

Tot Ion:	264	Resp:	480046
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3

