

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103890.D
 Acq On : 23 Mar 2018 19:40
 Operator : JU/SJ
 Sample : J1867-03DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS093071

Quant Time: Mar 24 01:16:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

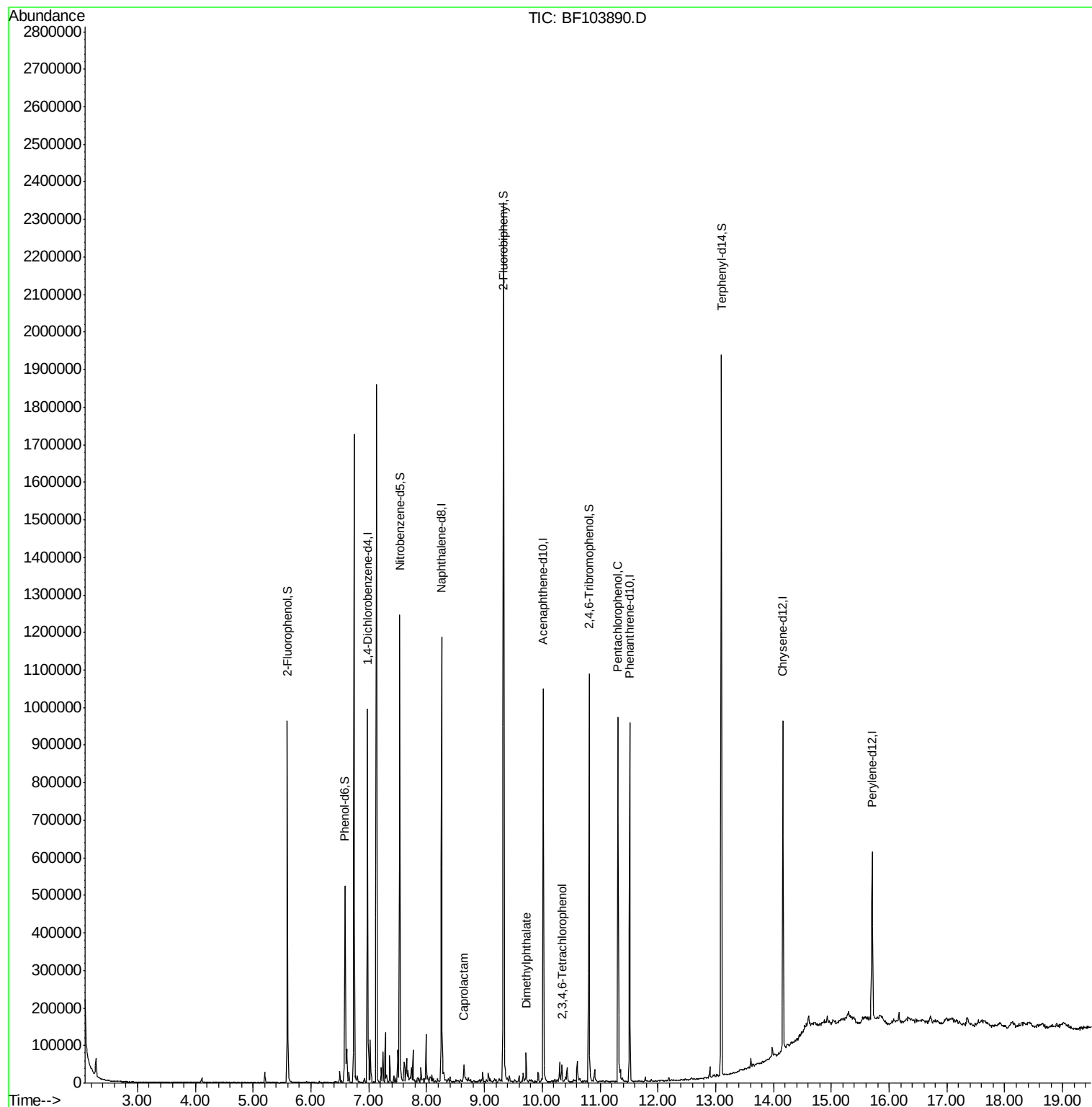
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136391	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	504926	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	197311	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	329300	20.00	ng	0.00
75) Chrysene-d12	14.16	240	281413	20.00	ng	0.00
86) Perylene-d12	15.70	264	216371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	264337	29.48	ng	0.00
7) Phenol-d6	6.59	99	189208	17.25	ng	-0.01
23) Nitrobenzene-d5	7.53	82	397285	54.87	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	134996	79.57	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	742415	60.02	ng	0.00
78) Terphenyl-d14	13.10	244	614762	50.71	ng	0.00
Target Compounds						
35) Caprolactam	8.65	113	6888	3.062	ng	# 84
49) Dimethylphthalate	9.72	163	31528	2.094	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	7396	2.568	ng	# 91
69) Pentachlorophenol	11.31	266	103659	46.724	ng	97

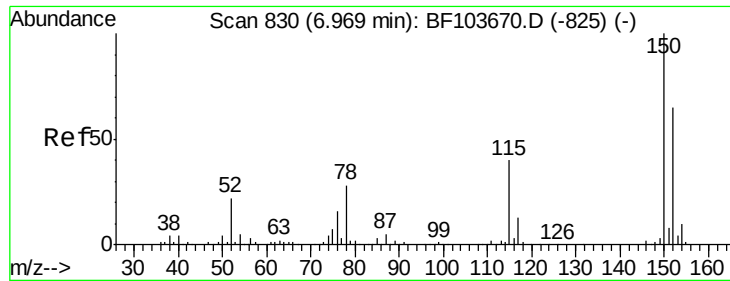
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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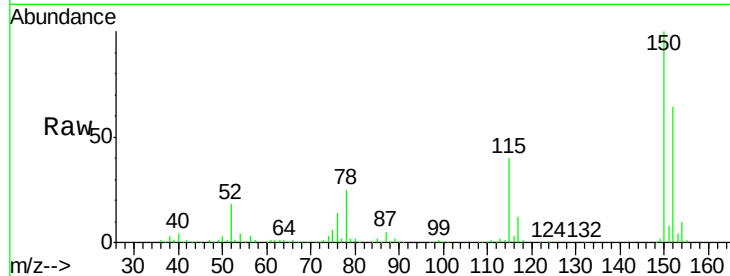


#1

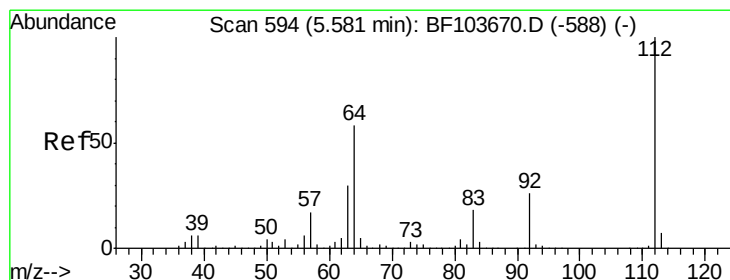
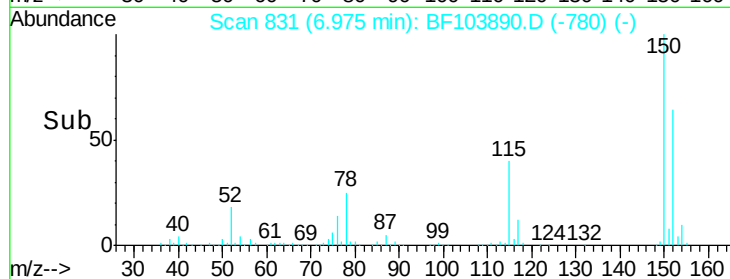
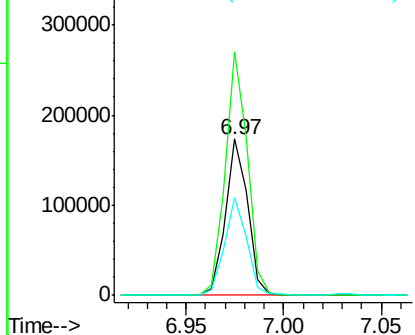
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :
CPS093071

Tot Ion:152 Resp: 136391
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 62.6 50.1 75.1



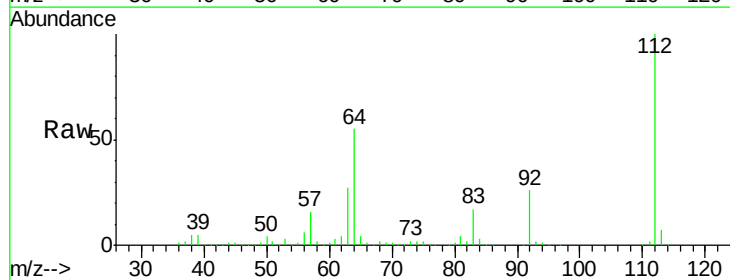
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



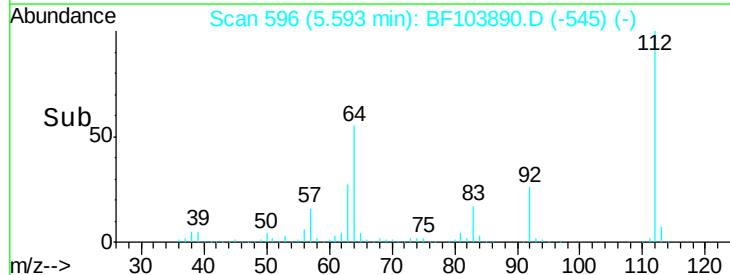
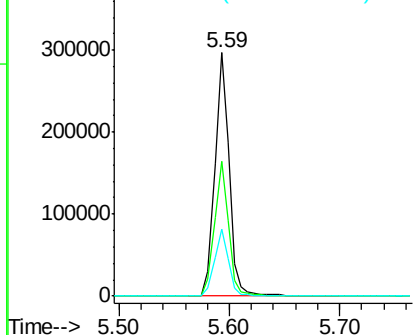
#5

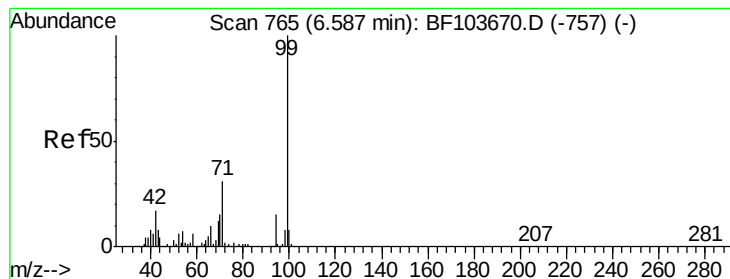
2-Fluorophenol
Concen: 29.478 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:112 Resp: 264337
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.4 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: 17.247 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103890.D

Acq: 23 Mar 2018 19:40

Instrument :

BNA_F

ClientSampleId :

CPS093071

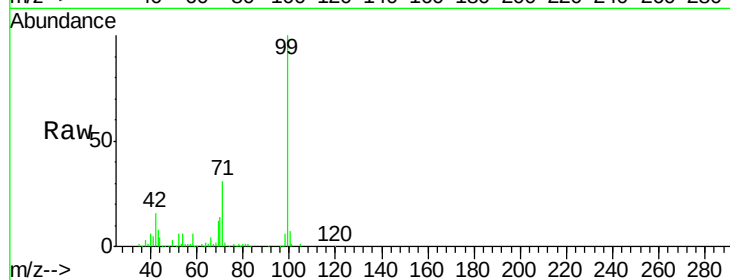
Tot Ion: 99 Resp: 189208

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

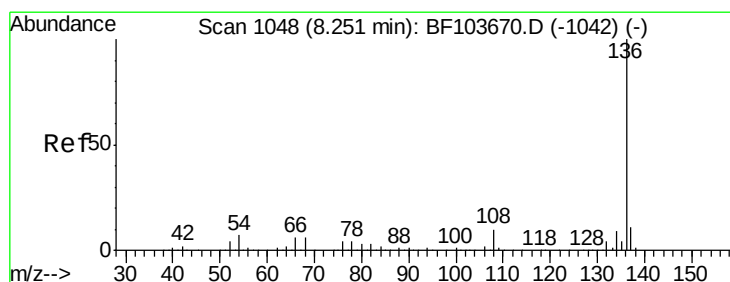
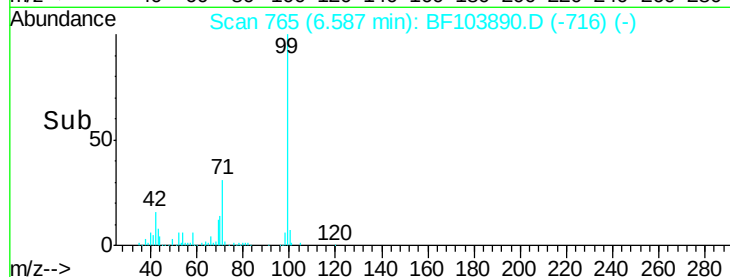
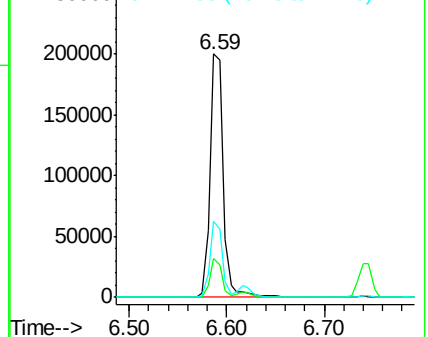
71 31.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103890.D

Acq: 23 Mar 2018 19:40

Tgt Ion: 136 Resp: 504926

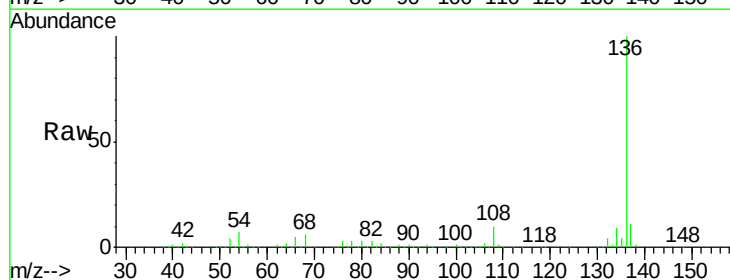
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.4 5.0 7.4

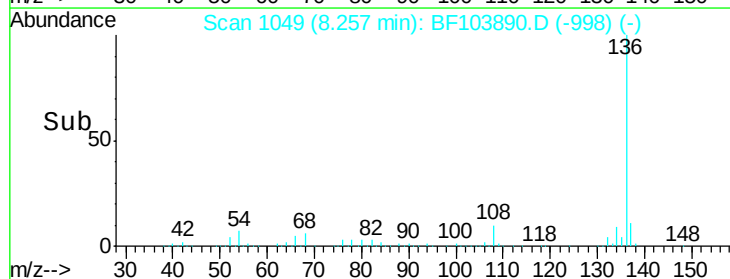
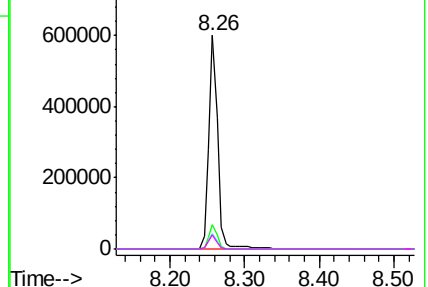


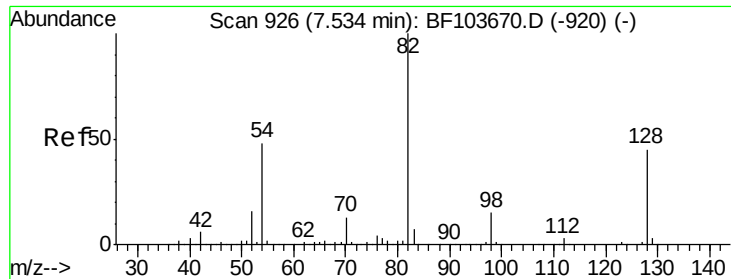
Abundance Ion 136.00 (135.70 to 136.70): E

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

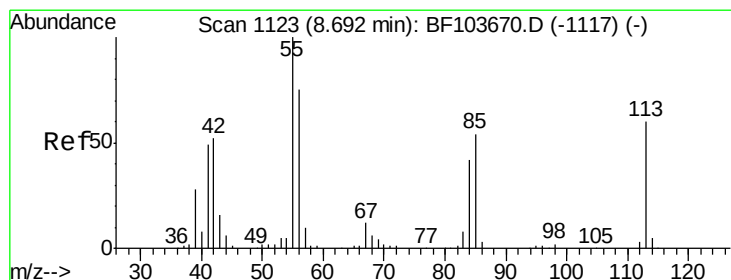
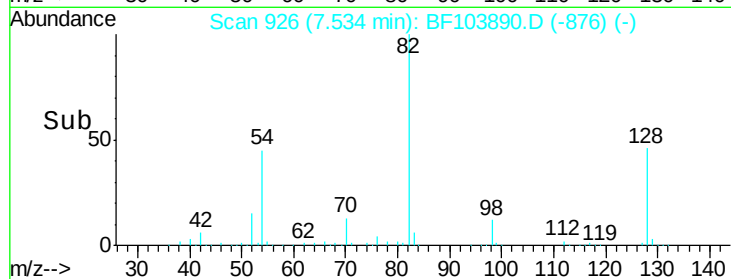
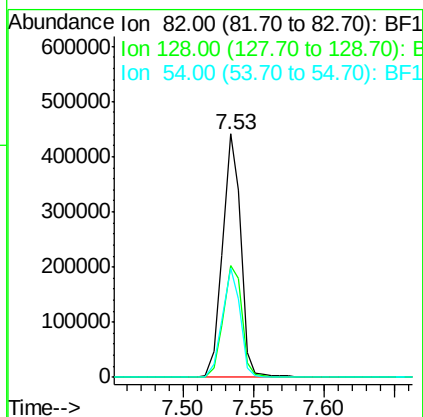
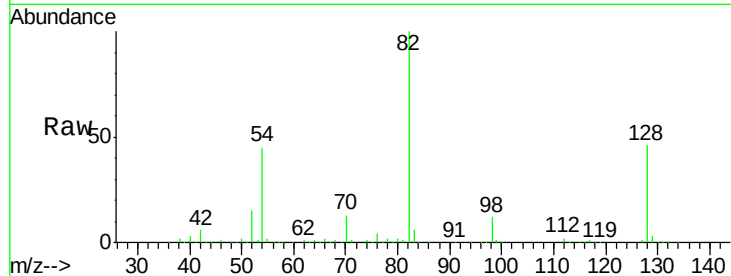




#23
Nitrobenzene-d5
Concen: 54.869 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

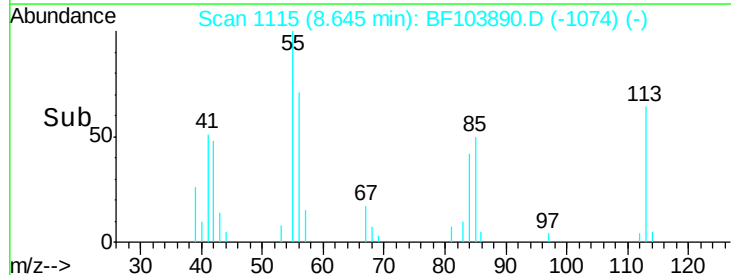
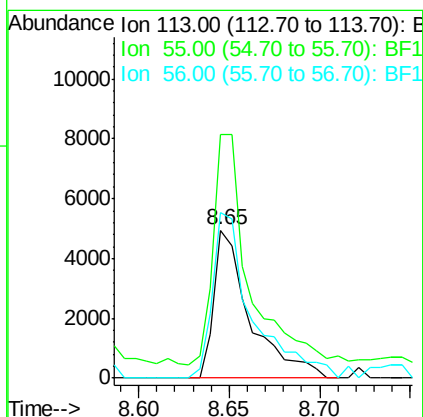
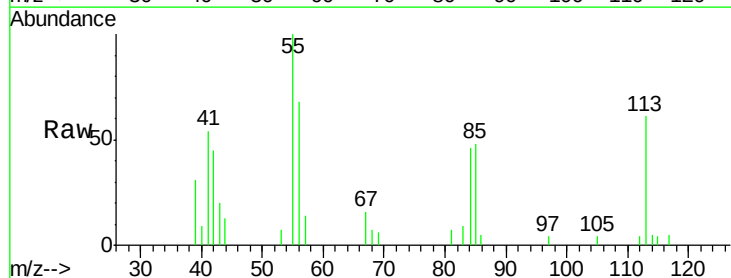
Instrument :
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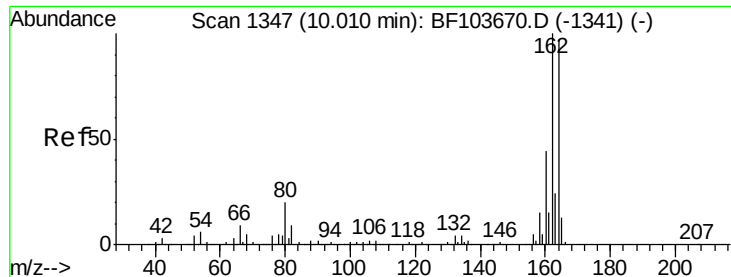
Tot Ion: 82 Resp: 397285
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 45.1 41.4 62.2



#35
Caprolactam
Concen: 3.062 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.06 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion: 113 Resp: 6888
Ion Ratio Lower Upper
113 100
55 164.9 163.3 203.3
56 111.7 115.7 155.7#

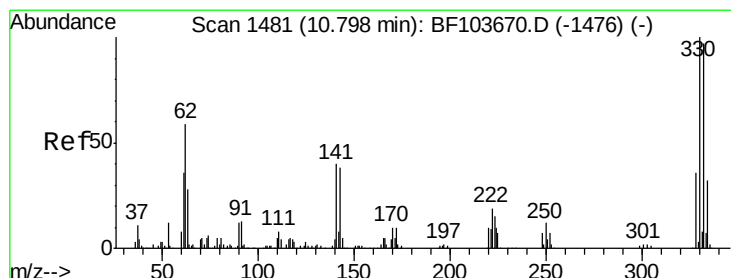
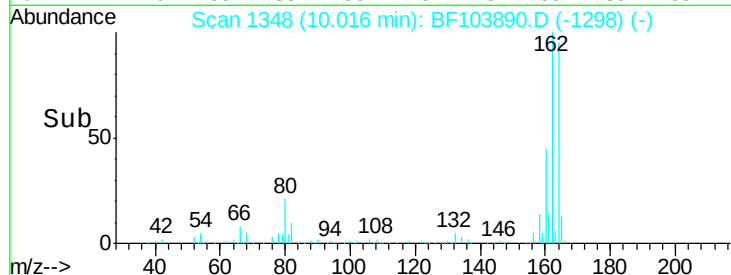
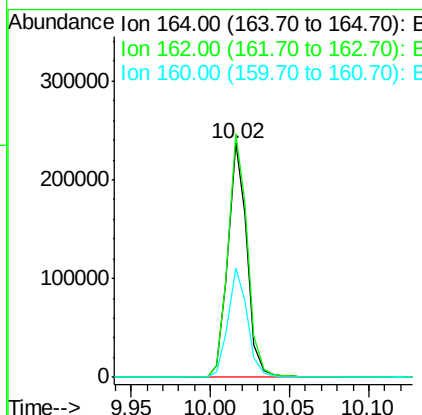
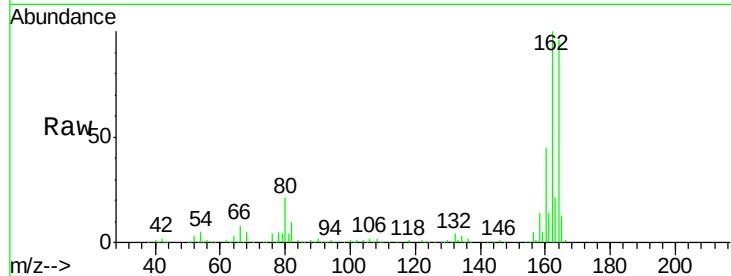




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103890.D
 Acq: 23 Mar 2018 19:40

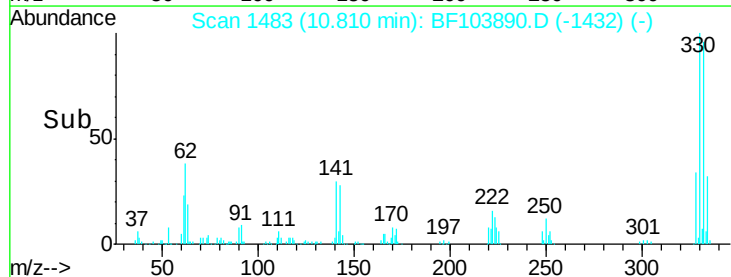
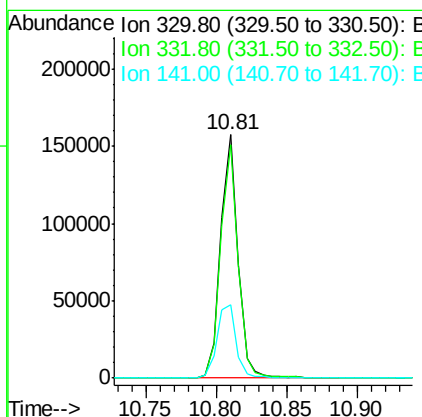
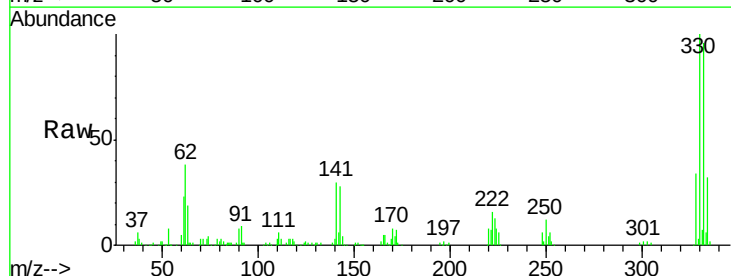
Instrument :
 BNA_F
 ClientSampleId :
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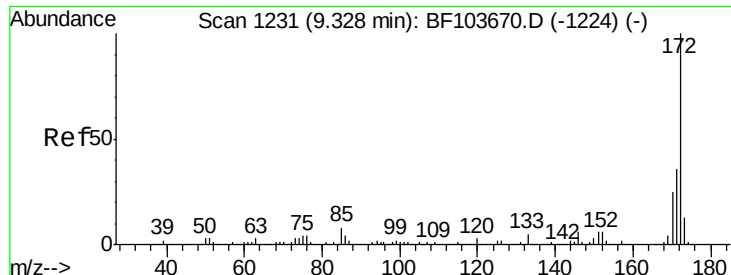
Tot Ion:164 Resp: 197311
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.574 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103890.D
 Acq: 23 Mar 2018 19:40

Tgt Ion:330 Resp: 134996
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.3 29.9 44.9

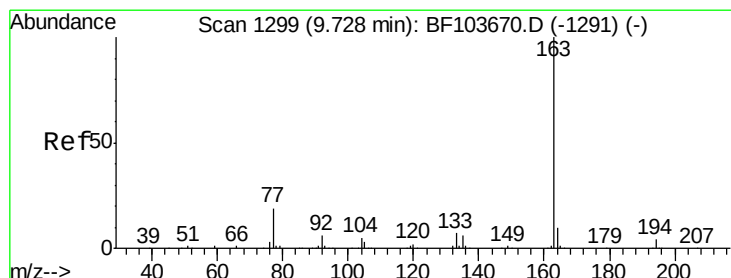
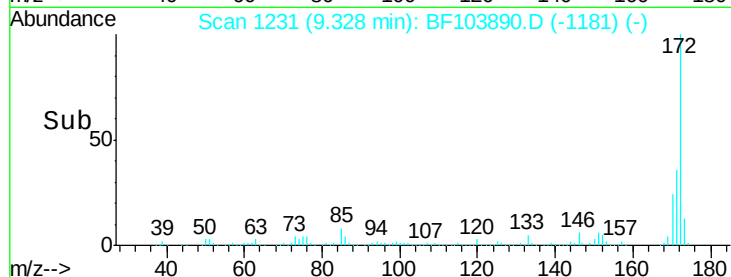
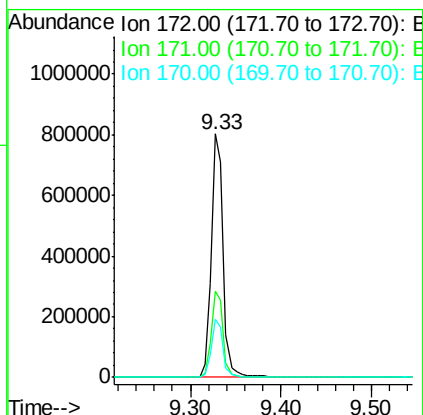
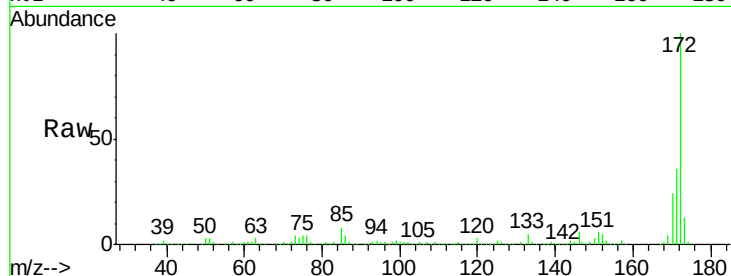




#44
2-Fluorobiphenyl
Concen: 60.020 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

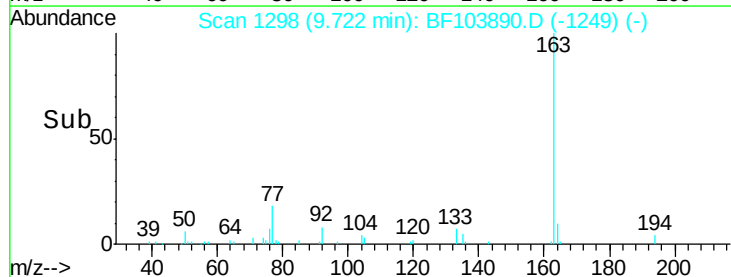
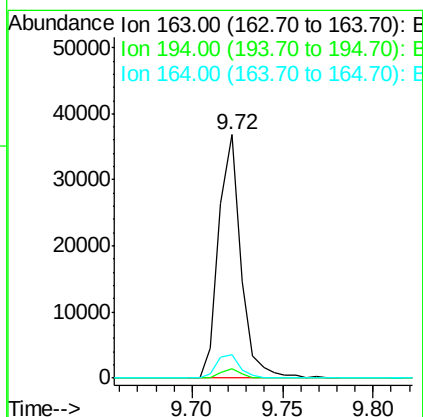
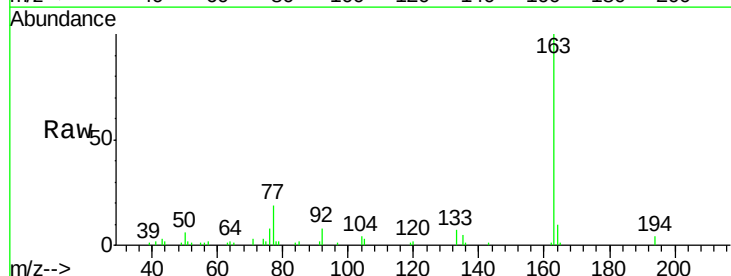
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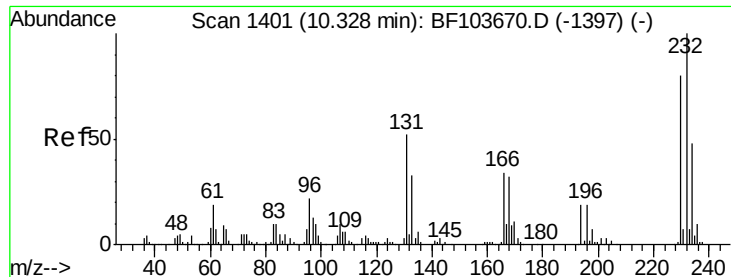
Tot Ion:172 Resp: 742415
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 2.094 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:163 Resp: 31528
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.5 8.2 12.2

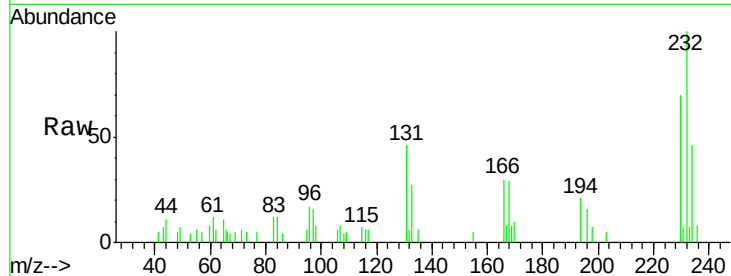




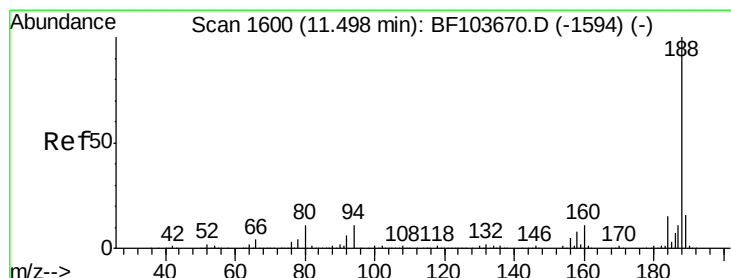
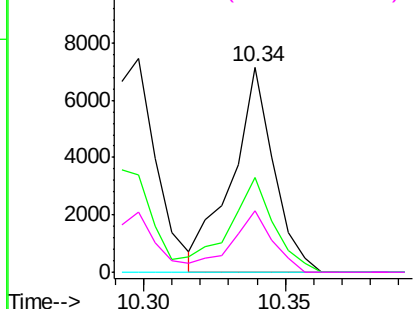
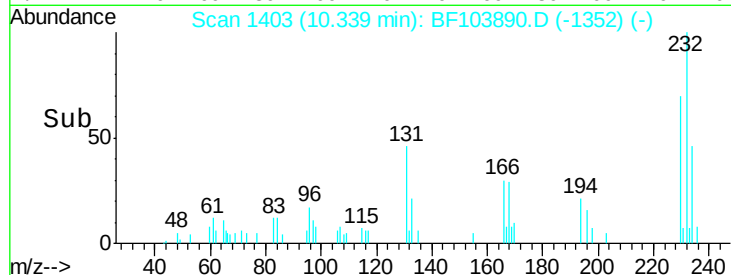
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.568 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF103890.D
 Acq: 23 Mar 2018 19:40

Instrument :
 BNA_F
 ClientSampleId :
 CPS093071

Tot Ion:232 Resp: 7396
 Ion Ratio Lower Upper
 232 100
 131 48.8 43.8 65.8
 130 0.0 2.1 3.1#
 166 29.4 27.8 41.6

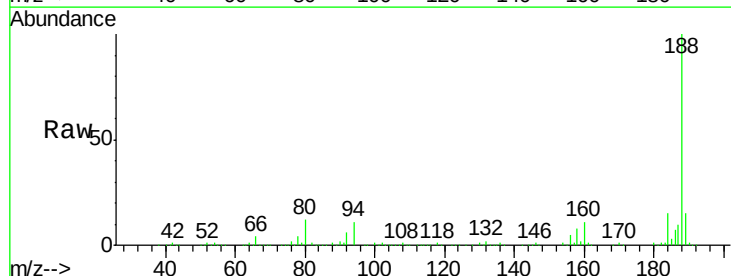


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

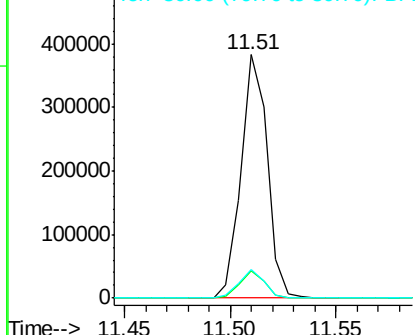
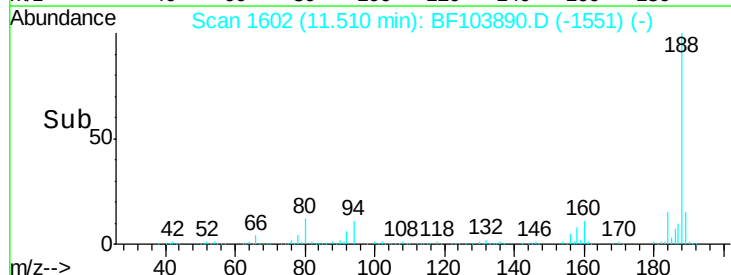


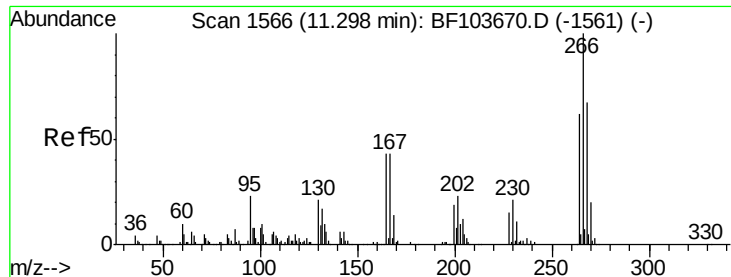
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103890.D
 Acq: 23 Mar 2018 19:40

Tgt Ion:188 Resp: 329300
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.8 9.2 13.8



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

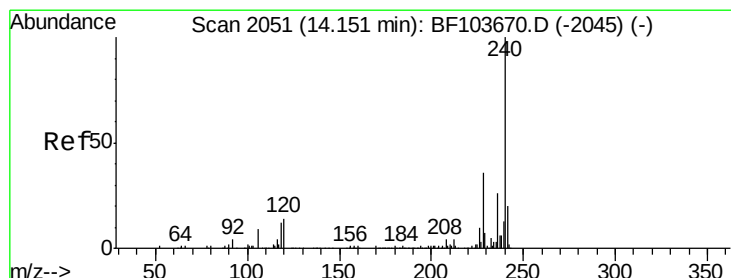
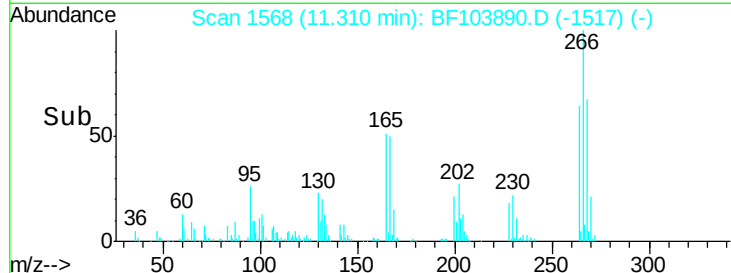
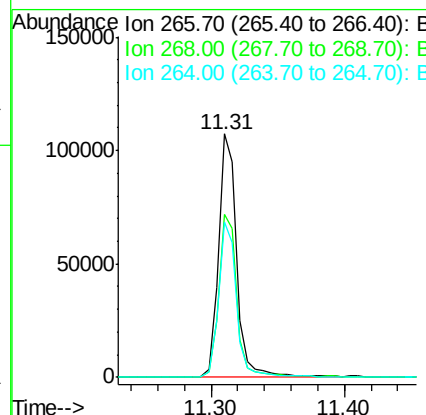
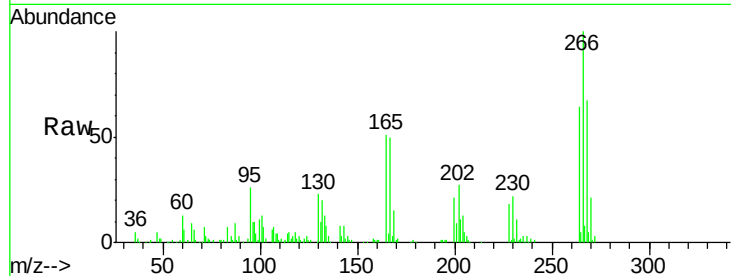




#69
 Pentachlorophenol
 Concen: 46.724 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF103890.D
 Acq: 23 Mar 2018 19:40

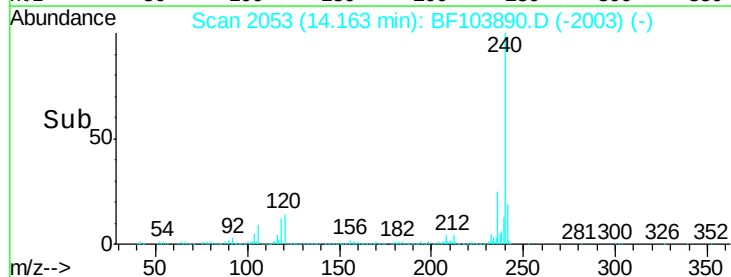
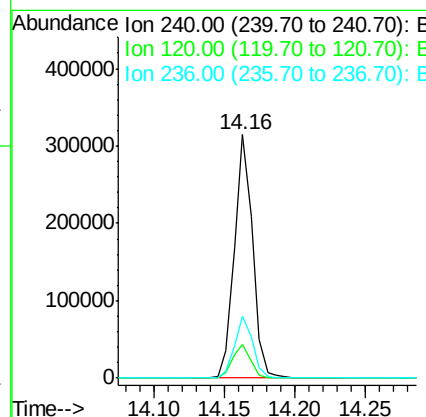
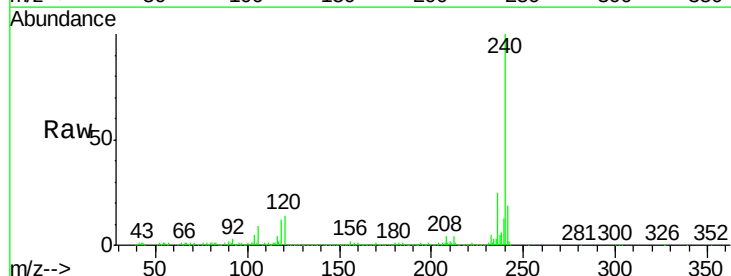
Instrument :
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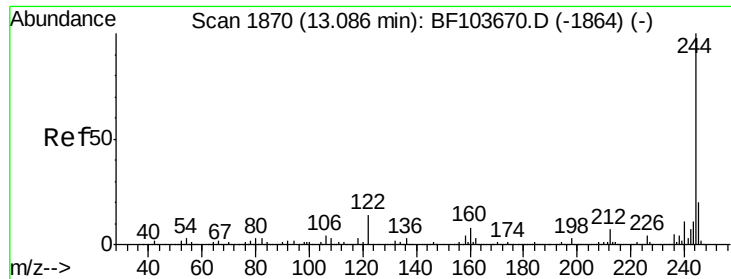
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	64.0	49.5	74.3



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103890.D
 Acq: 23 Mar 2018 19:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.5	20.7	31.1

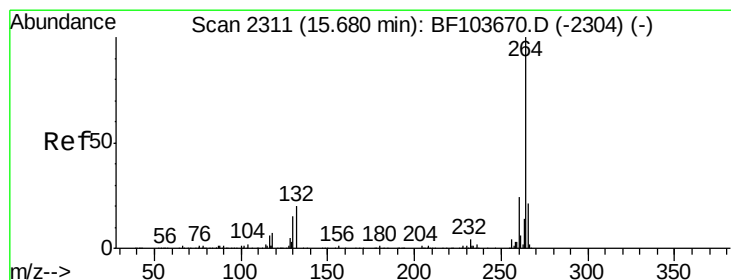
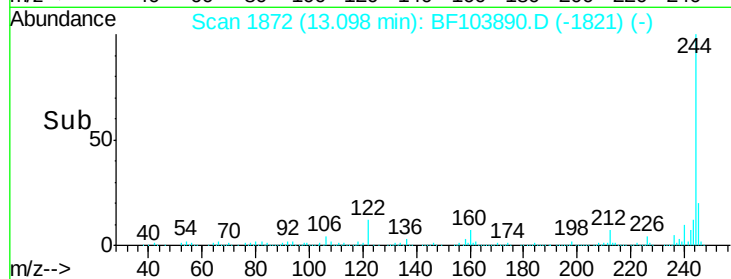
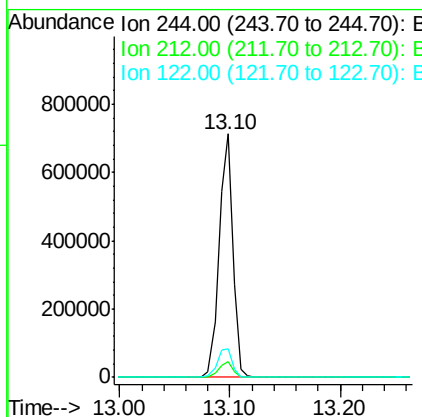
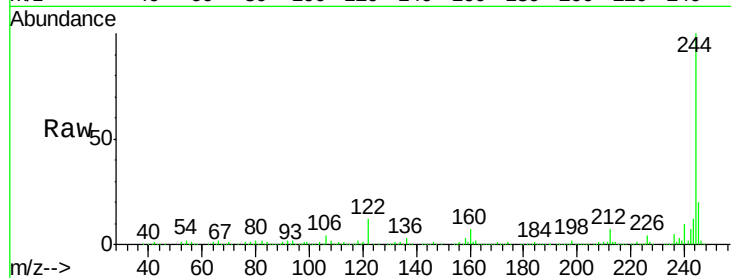




#78
 Terphenyl-d14
 Concen: 50.707 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BF103890.D
 Acq: 23 Mar 2018 19:40

Instrument :
 BNA_F
 ClientSampleId :
 CPS093071

Tot Ion:244 Resp: 614762
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103890.D
 Acq: 23 Mar 2018 19:40

Tgt Ion:264 Resp: 216371
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.1 17.5 26.3

