

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101244.D
 Acq On : 8 Dec 2017 19:04
 Operator : SJ/JU
 Sample : I6680-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-C

Quant Time: Dec 08 22:05:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

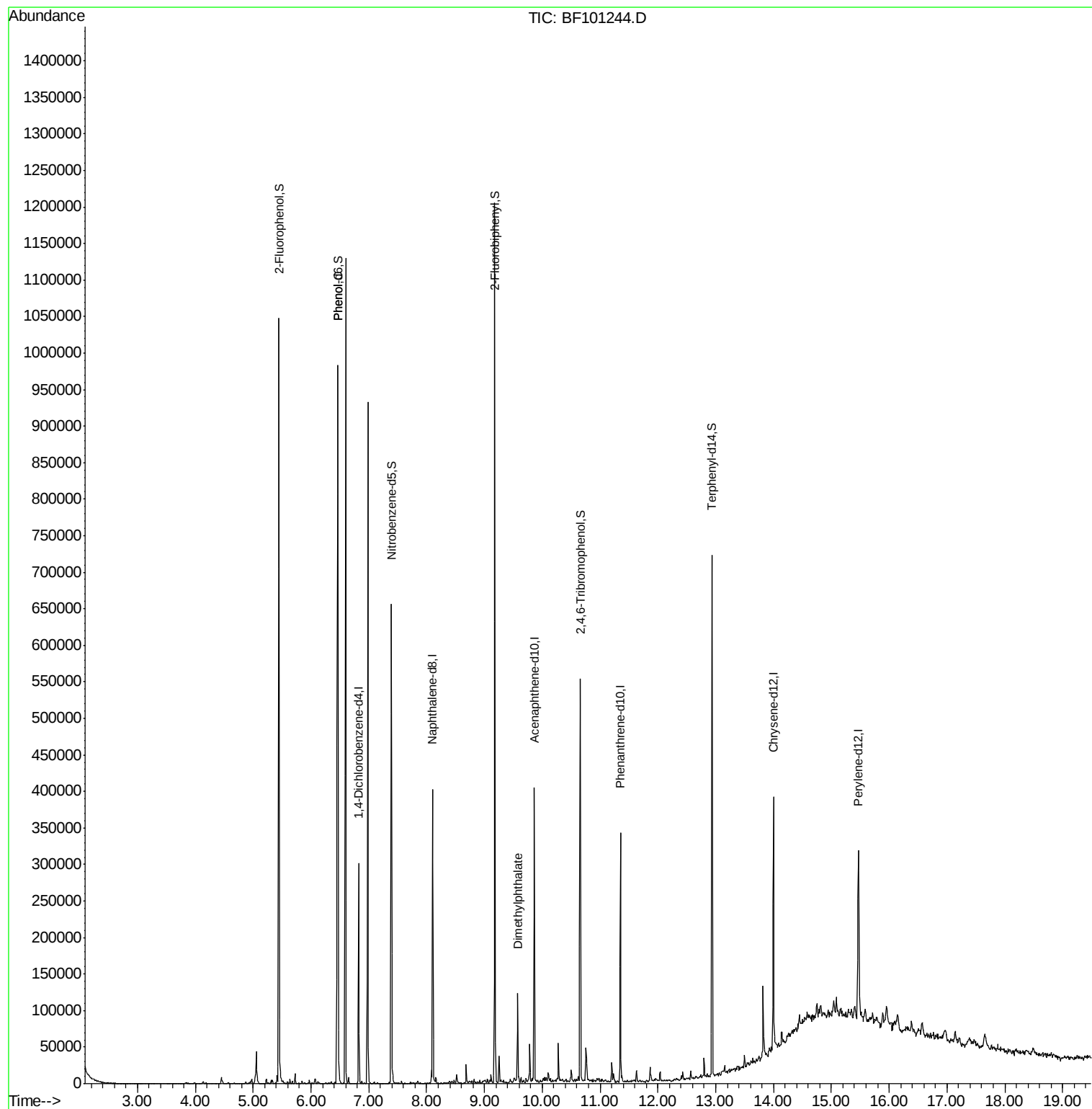
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45897	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	174894	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	70700	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	114203	20.00	ng	0.00
75) Chrysene-d12	14.00	240	103427	20.00	ng	0.00
86) Perylene-d12	15.47	264	101666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	284535	102.44	ng	0.00
7) Phenol-d6	6.46	99	334714	99.26	ng	0.00
23) Nitrobenzene-d5	7.39	82	200346	68.33	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	70375	82.86	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	355604	68.82	ng	0.00
78) Terphenyl-d14	12.94	244	252674	53.44	ng	0.00
Target Compounds						
10) Phenol	6.47	94	14462	3.857	ng	Qvalue # 69
49) Dimethylphthalate	9.57	163	35983	6.311	ng	99

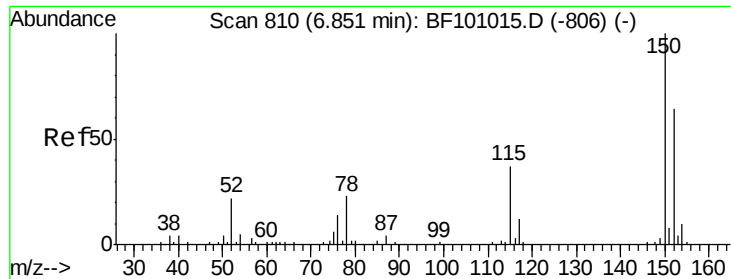
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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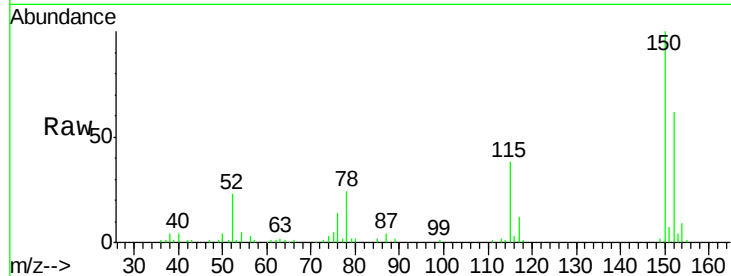


#1

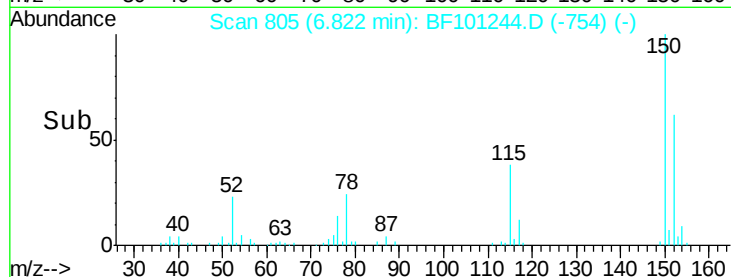
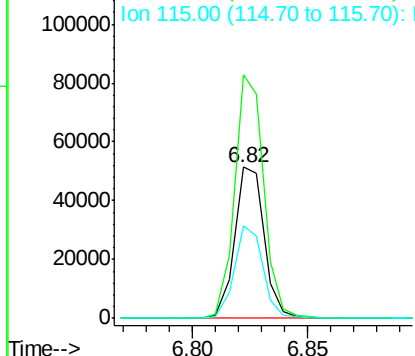
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-C

Tot Ion:152 Resp: 45897
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 61.0 50.1 75.1



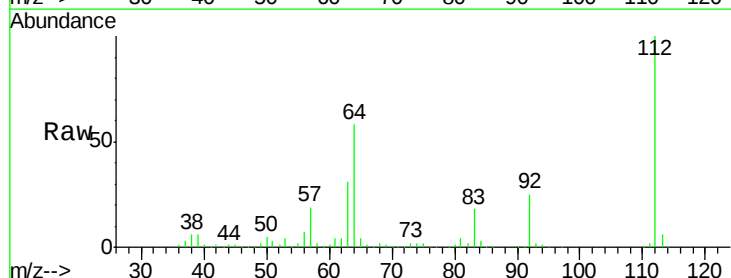
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



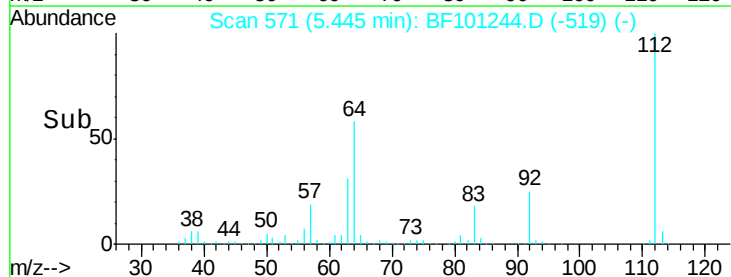
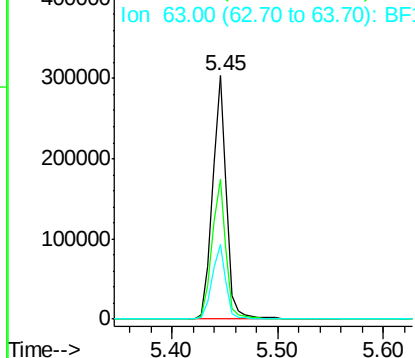
#5

2-Fluorophenol
Concen: 102.442 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Tgt Ion:112 Resp: 284535
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.7 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: 99.257 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

Instrument :

BNA_F

ClientSampleId :

CL-01-120617-C

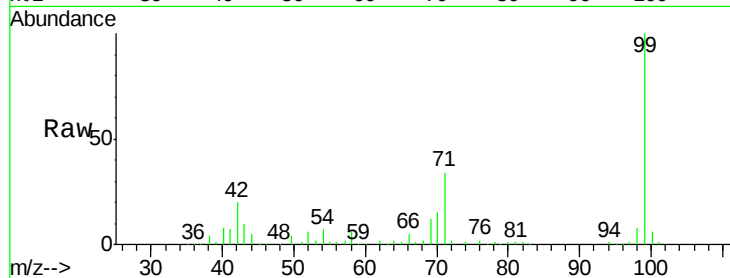
Tot Ion: 99 Resp: 334714

Ion Ratio Lower Upper

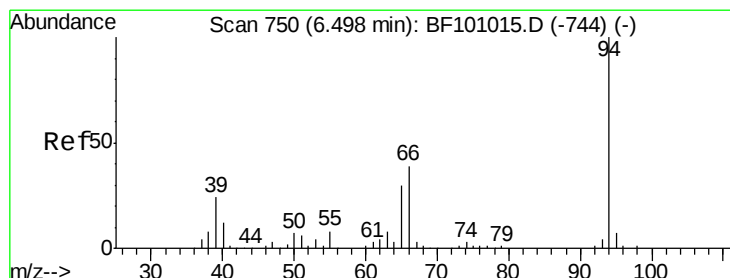
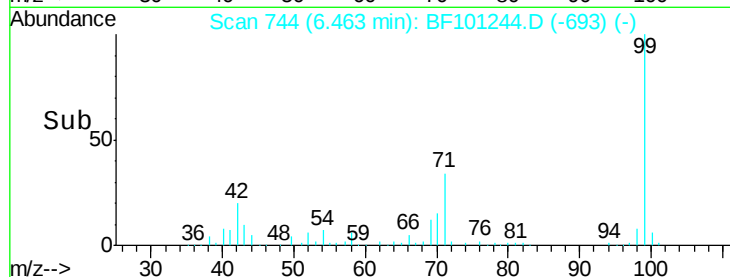
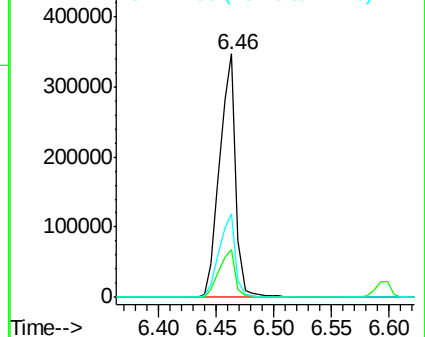
99 100

42 19.6 14.5 21.7

71 34.1 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



#10

Phenol

Concen: 3.857 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

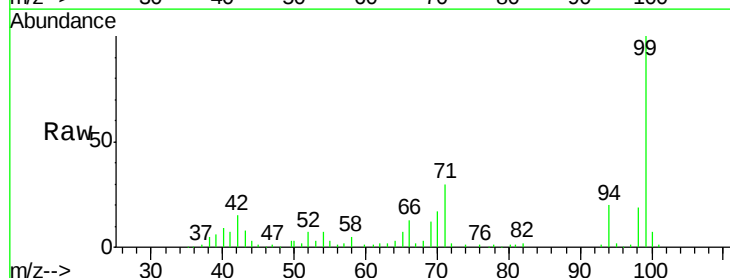
Tgt Ion: 94 Resp: 14462

Ion Ratio Lower Upper

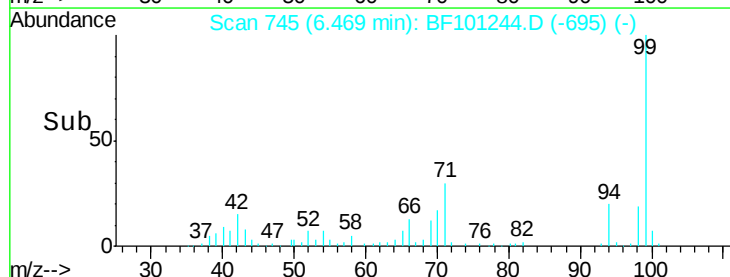
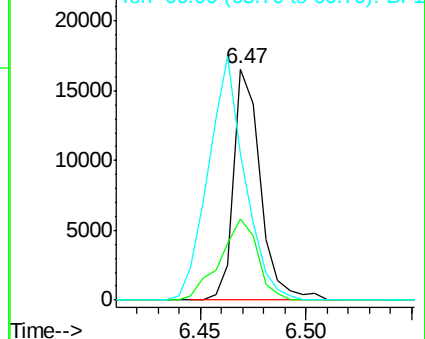
94 100

65 34.8 7.9 47.9

66 63.0 16.2 56.2#



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

Instrument :

BNA_F

ClientSampleId :

CL-01-120617-C

Tot Ion:136 Resp: 174894

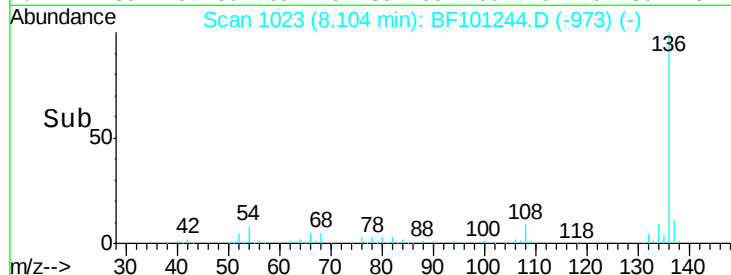
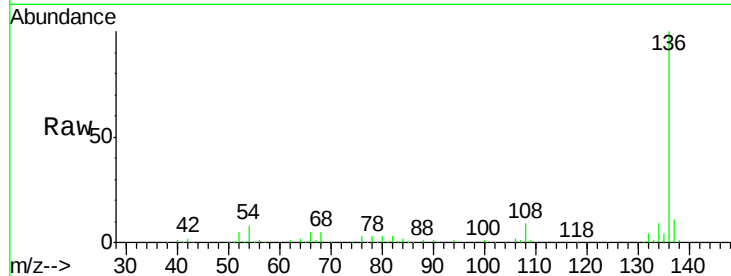
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 6.6 9.8

68 4.7 5.0 7.4#

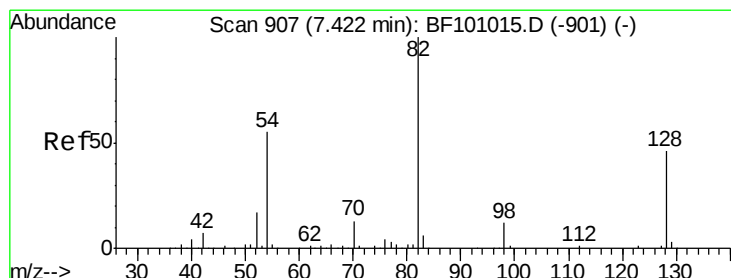
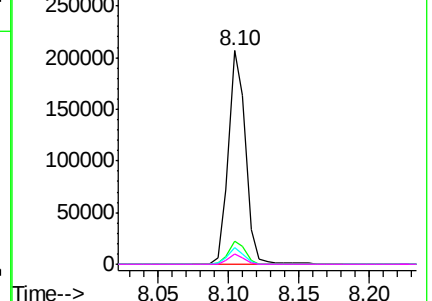


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.334 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF101244.D

Acq: 8 Dec 2017 19:04

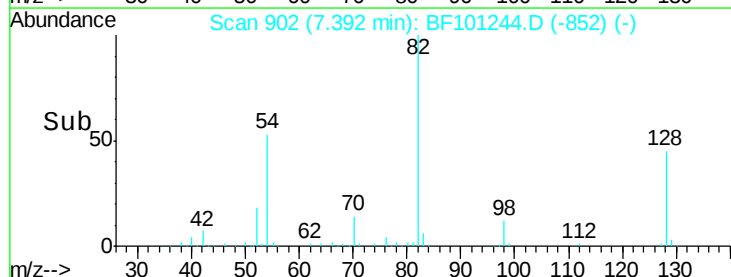
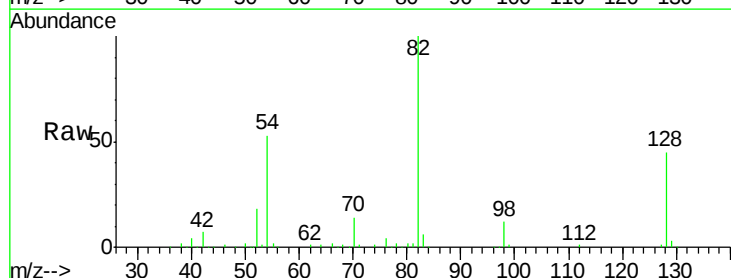
Tgt Ion: 82 Resp: 200346

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

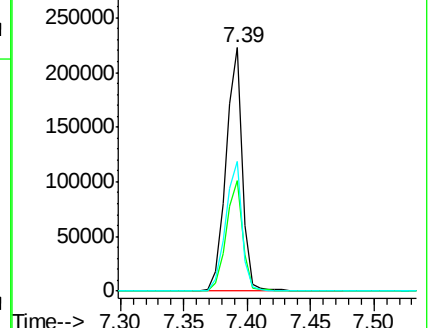
54 53.3 41.4 62.2

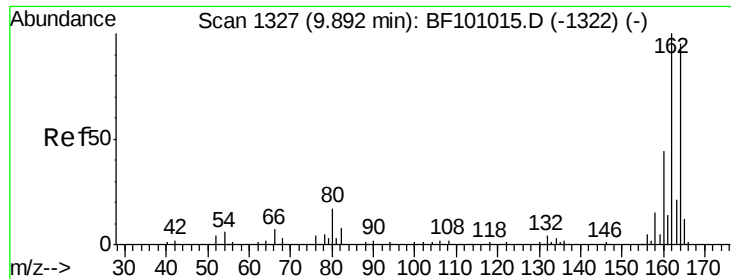


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

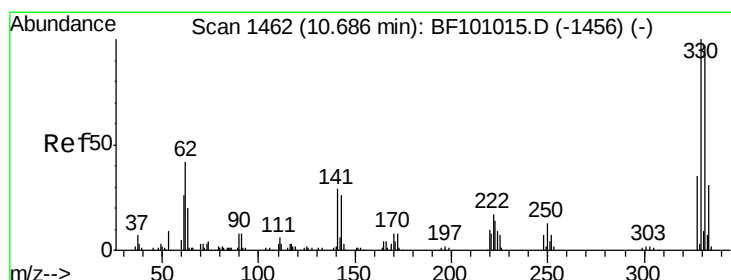
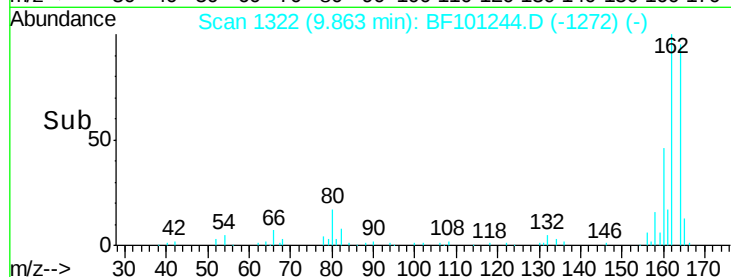
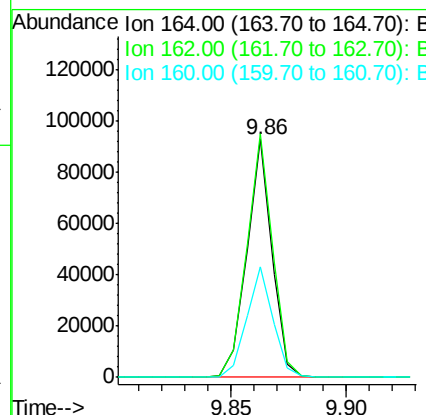
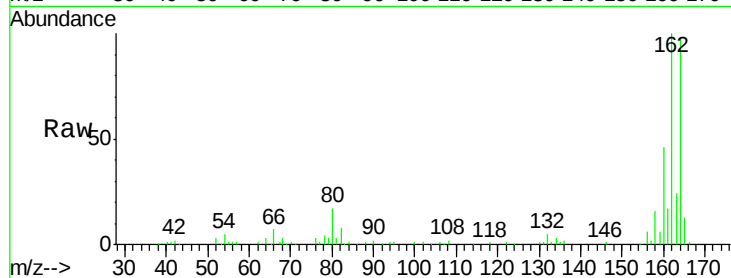




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

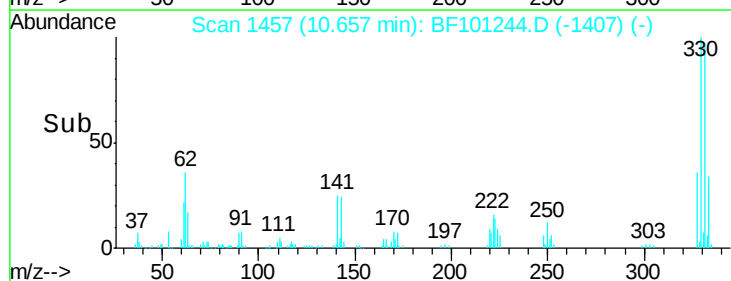
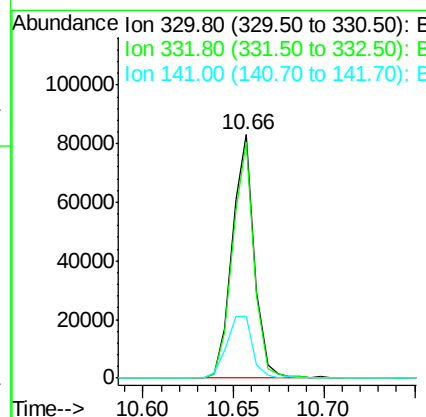
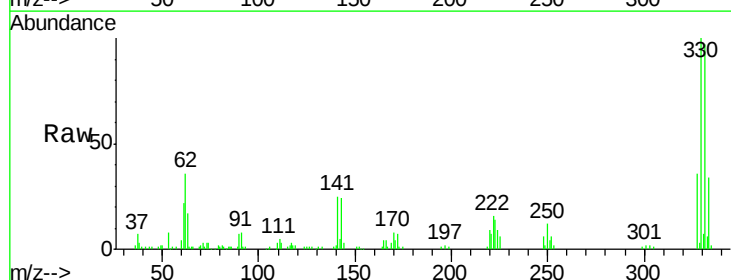
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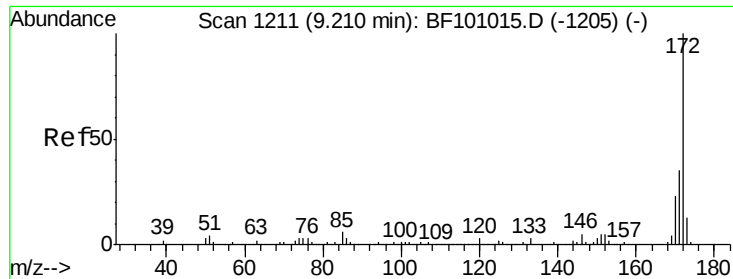
Tot Ion:164 Resp: 70700
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 46.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 82.862 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Tgt Ion:330 Resp: 70375
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 30.0 29.9 44.9

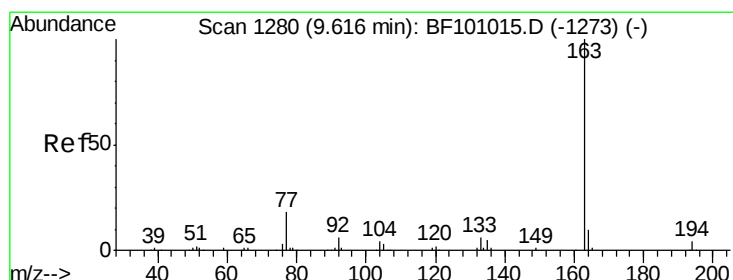
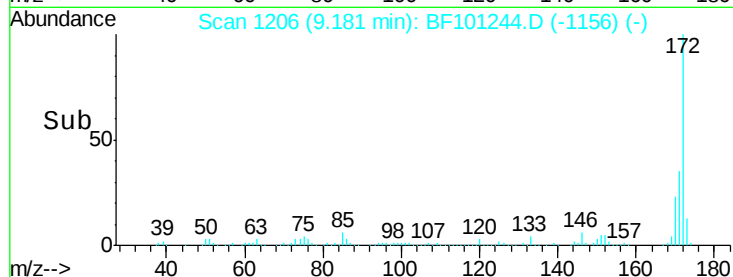
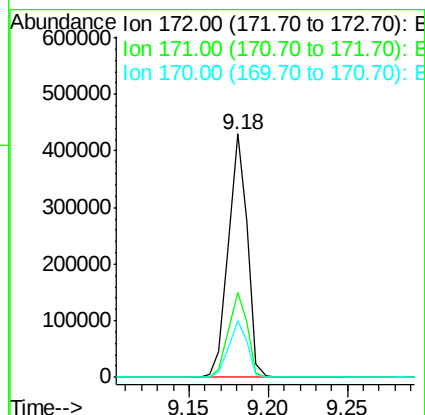
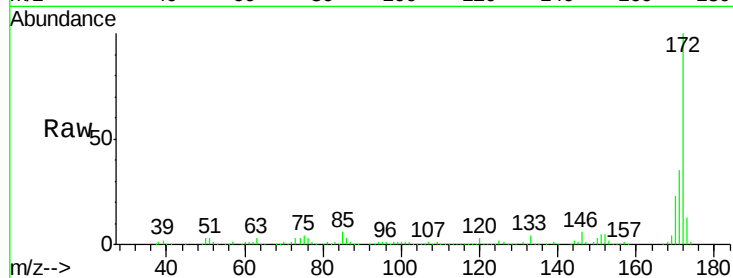




#44
2-Fluorobiphenyl
Concen: 68.817 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

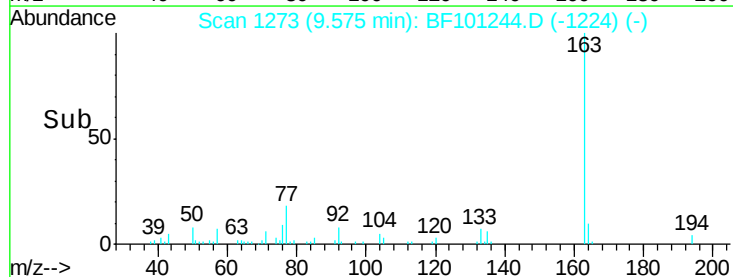
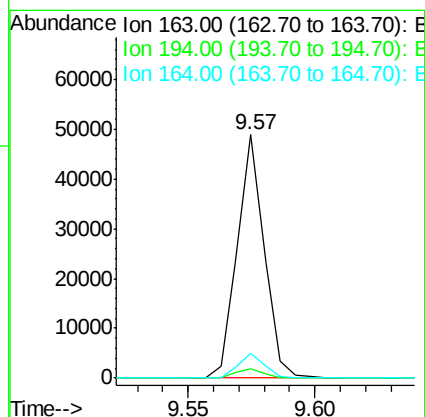
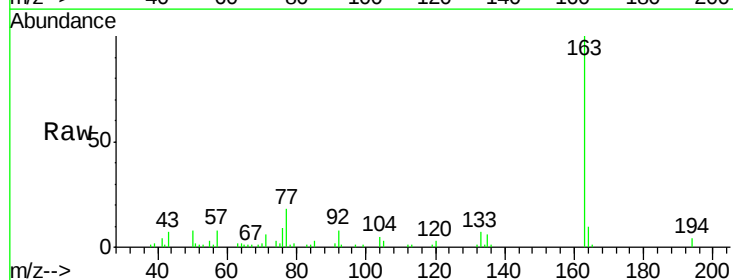
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CL-01-120617-C

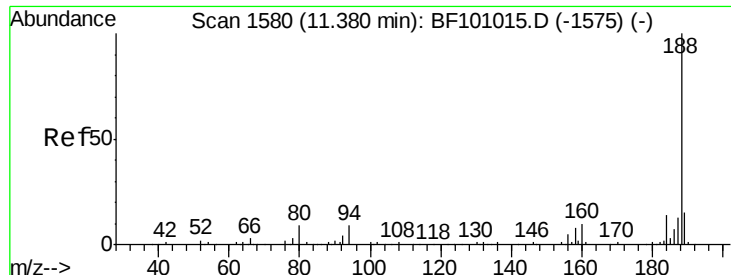
Tot Ion:172 Resp: 355604
Ion Ratio Lower Upper
172 100
171 35.0 29.7 44.5
170 23.3 19.6 29.4



#49
Dimethylphthalate
Concen: 6.311 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Tgt Ion:163 Resp: 35983
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2

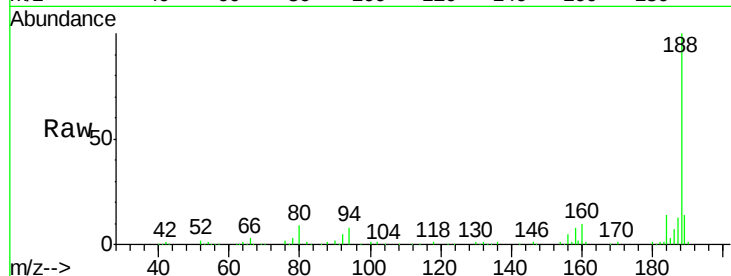




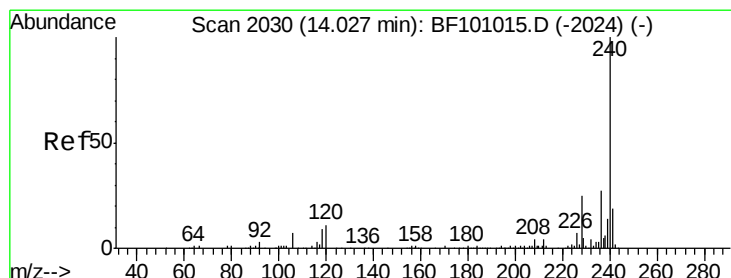
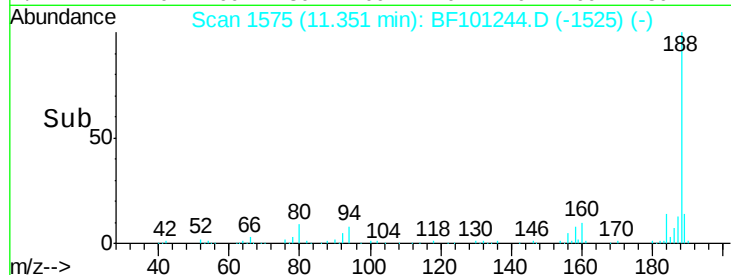
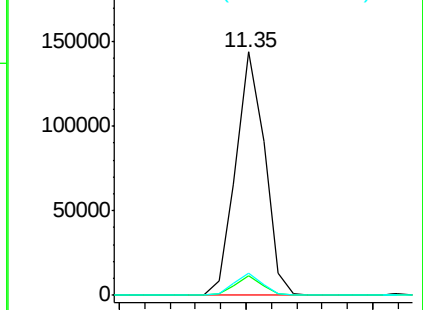
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-C

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.0	9.2	13.8#

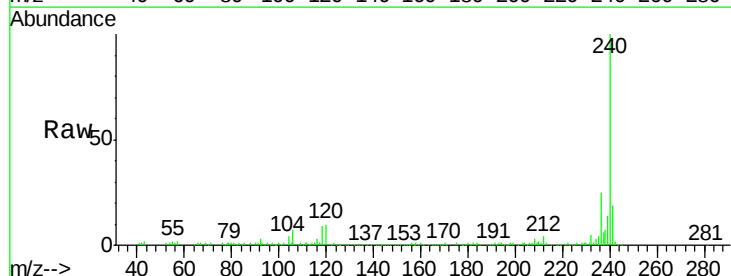


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

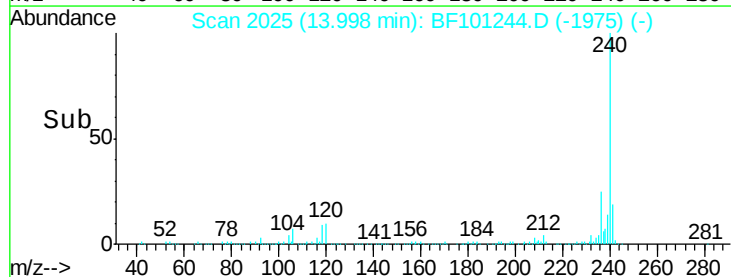
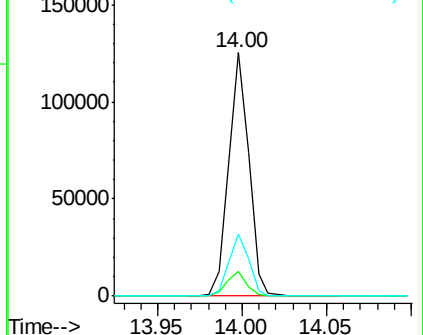


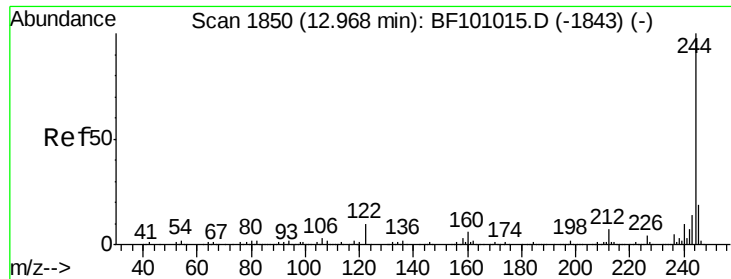
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101244.D
Acq: 8 Dec 2017 19:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.4	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

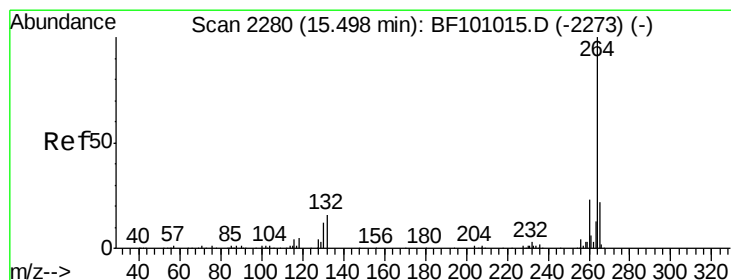
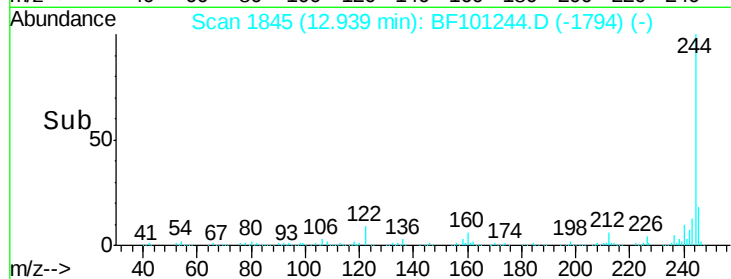
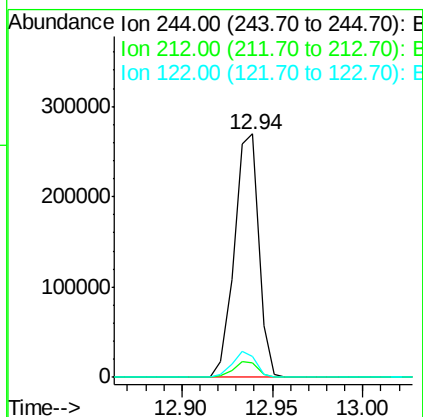
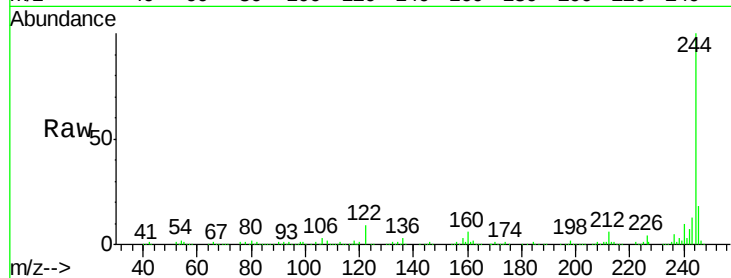




#78
 Terphenyl-d14
 Concen: 53.435 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF101244.D
 Acq: 8 Dec 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-C

Tot Ion:244 Resp: 252674
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 8.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101244.D
 Acq: 8 Dec 2017 19:04

Tgt Ion:264 Resp: 101666
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 22.1 17.5 26.3

