

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101211.D
 Acq On : 7 Dec 2017 17:58
 Operator : SJ/JU
 Sample : I6765-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-CHA001

Quant Time: Dec 07 19:35:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

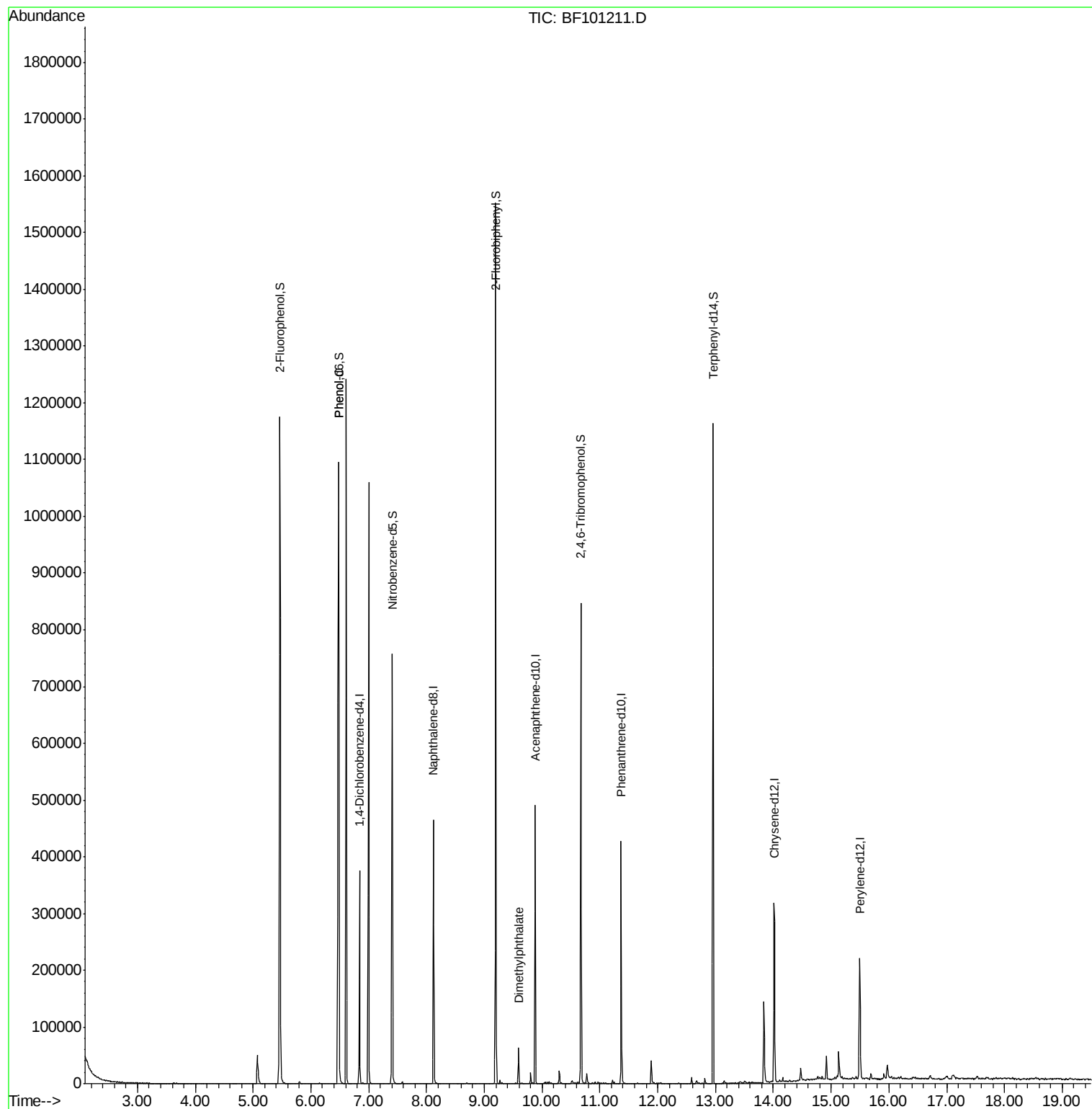
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	52970	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	201242	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	89051	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	151815	20.00	ng	0.00
75) Chrysene-d12	14.02	240	112329	20.00	ng	0.00
86) Perylene-d12	15.50	264	102974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	340895	106.35	ng	0.00
7) Phenol-d6	6.48	99	413994	106.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	248389	73.63	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	101383	94.77	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	482954	74.20	ng	-0.01
78) Terphenyl-d14	12.96	244	365825	71.23	ng	0.00
Target Compounds						
10) Phenol	6.49	94	18464	4.267	ng	83
49) Dimethylphthalate	9.59	163	23558	3.280	ng	100

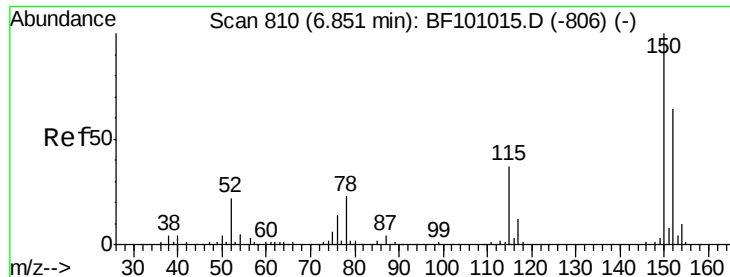
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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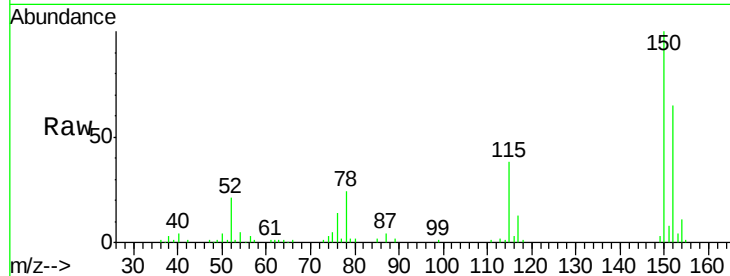


#1

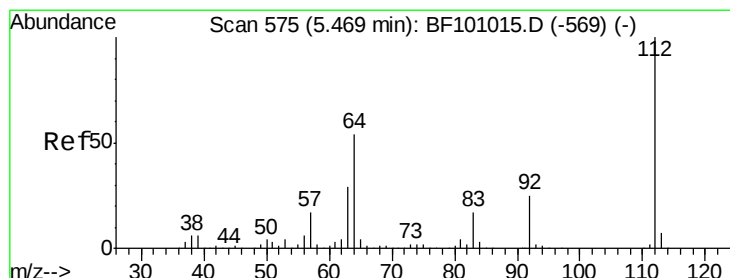
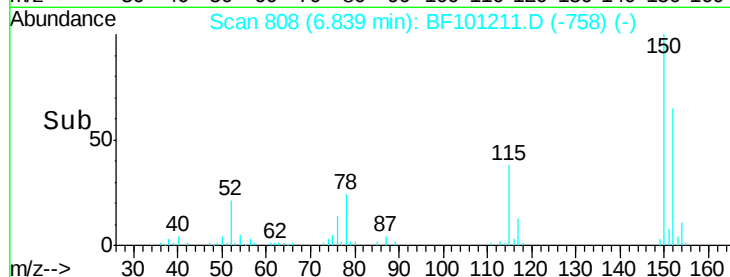
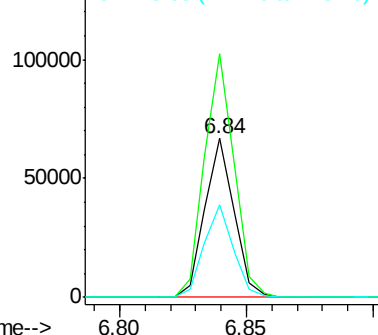
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101211.D
Acq: 7 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
DUP-CHA001

Tot Ion:152 Resp: 52970
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 58.5 50.1 75.1



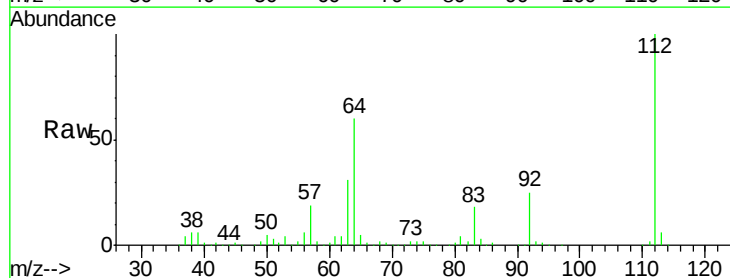
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



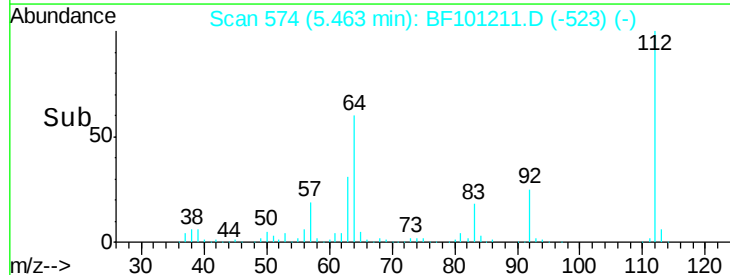
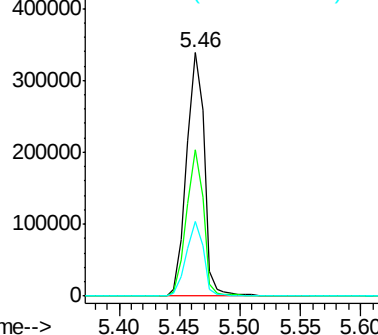
#5

2-Fluorophenol
Concen: 106.345 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101211.D
Acq: 7 Dec 2017 17:58

Tgt Ion:112 Resp: 340895
Ion Ratio Lower Upper
112 100
64 60.0 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: 106.374 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101211.D

Acq: 7 Dec 2017 17:58

Instrument :

BNA_F

ClientSampleId :

DUP-CHA001

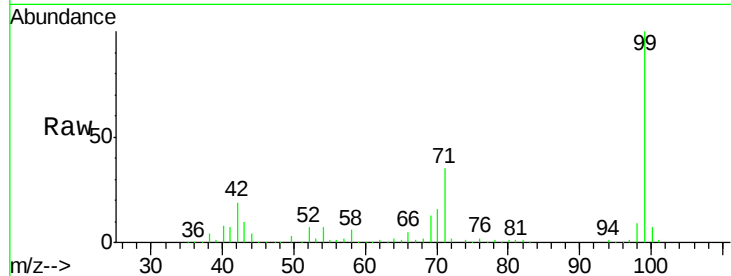
Tot Ion: 99 Resp: 413994

Ion Ratio Lower Upper

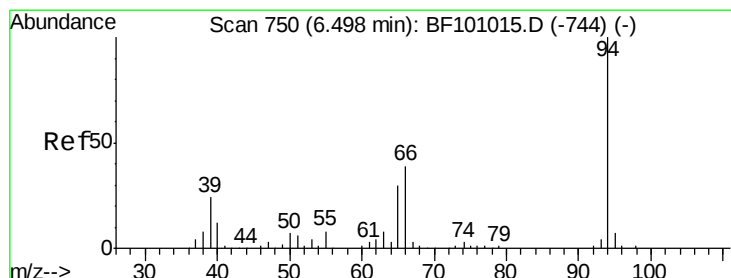
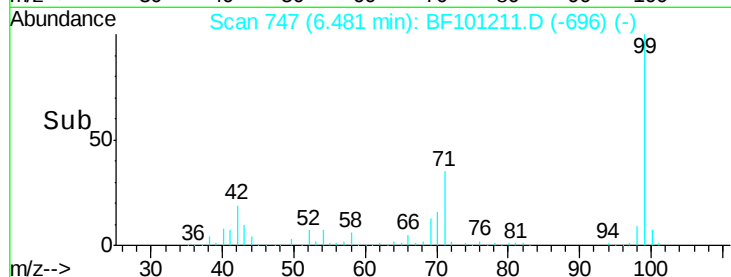
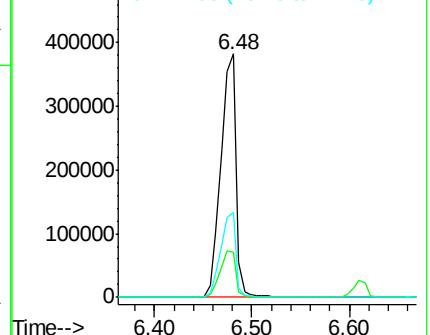
99 100

42 18.8 14.5 21.7

71 34.7 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: 4.267 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF101211.D

Acq: 7 Dec 2017 17:58

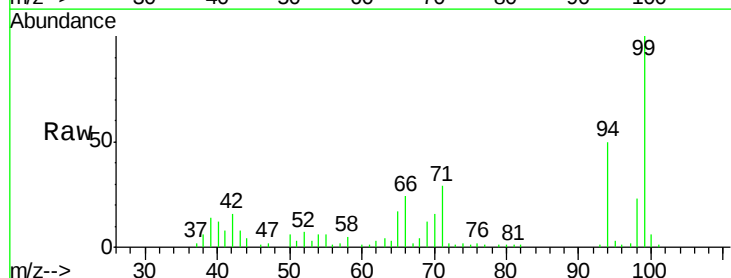
Tgt Ion: 94 Resp: 18464

Ion Ratio Lower Upper

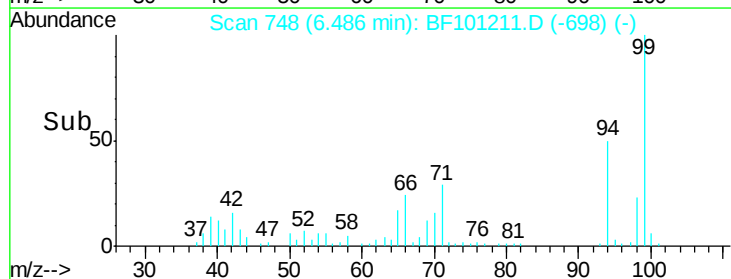
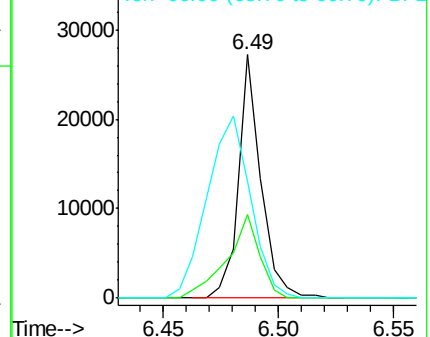
94 100

65 34.3 7.9 47.9

66 48.0 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

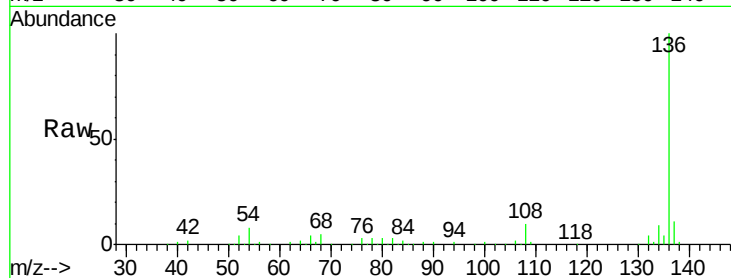




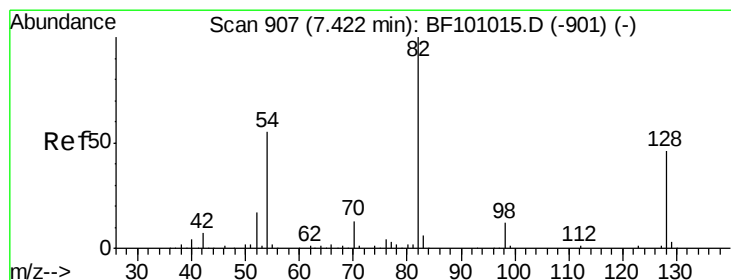
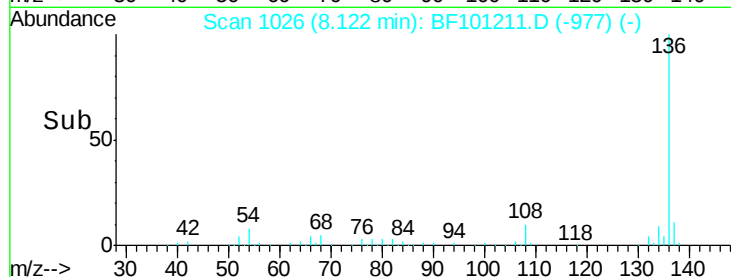
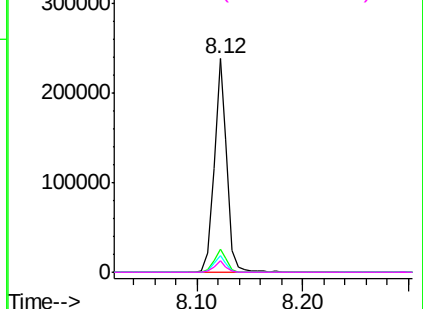
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101211.D
Acq: 7 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
DUP-CHA001

Tot Ion:136	Resp:	201242
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.8	6.6 9.8
68	5.1	5.0 7.4

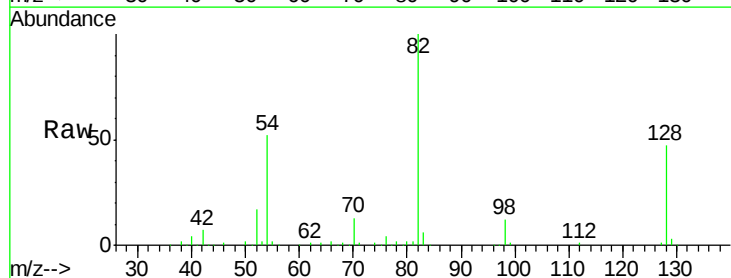


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

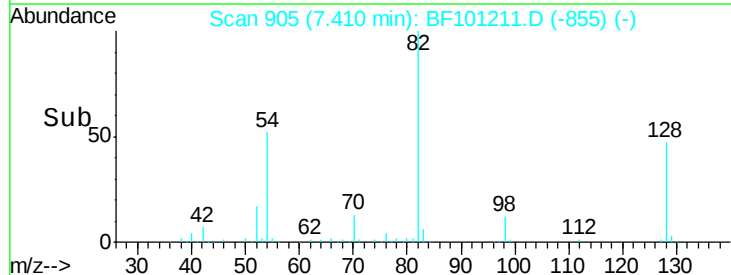
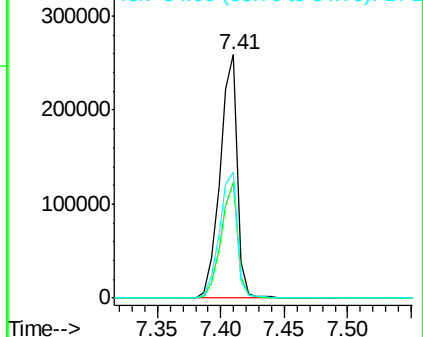


#23
Nitrobenzene-d5
Concen: 73.629 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101211.D
Acq: 7 Dec 2017 17:58

Tgt Ion: 82	Resp:	248389
Ion Ratio	Lower	Upper
82	100	
128	47.3	36.1 54.1
54	51.6	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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101211.D

Acq: 7 Dec 2017 17:58

Instrument :

BNA_F

ClientSampleId :

DUP-CHA001

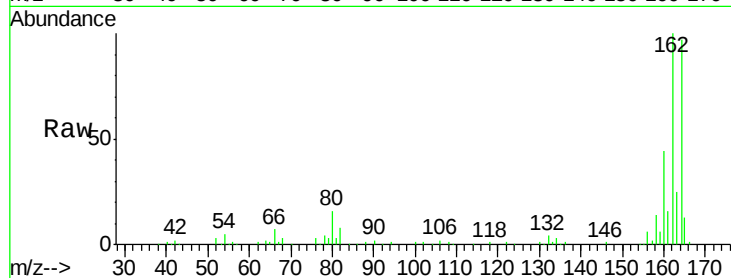
Tot Ion:164 Resp: 89051

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

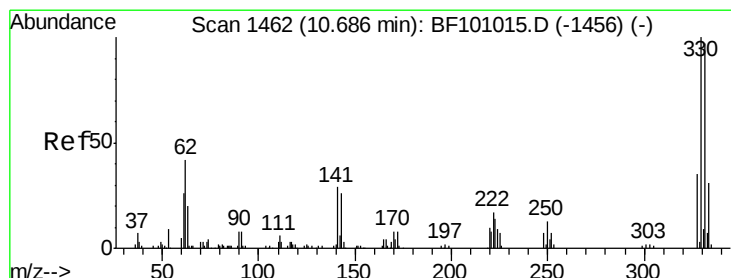
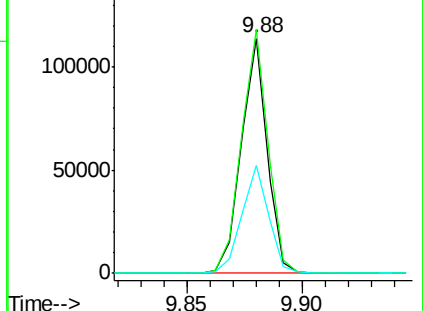
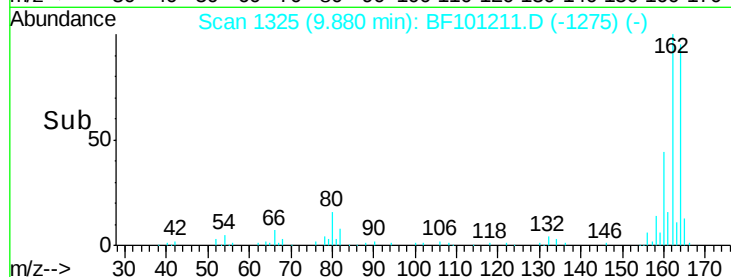
160 45.8 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 94.772 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101211.D

Acq: 7 Dec 2017 17:58

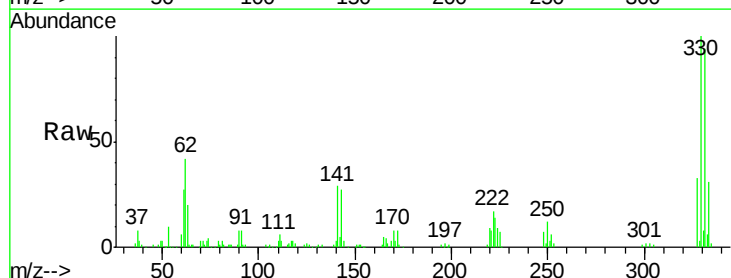
Tgt Ion:330 Resp: 101383

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

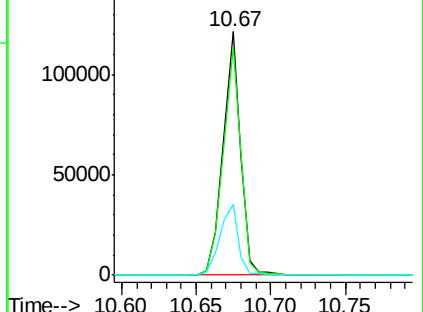
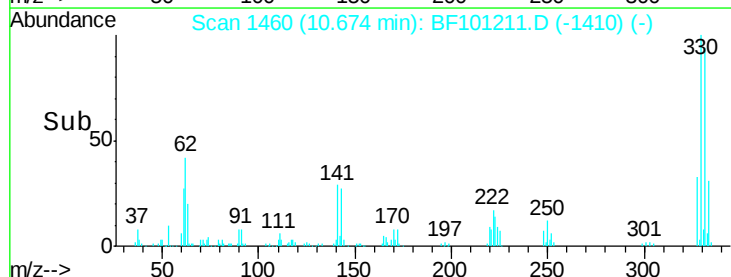
141 30.3 29.9 44.9

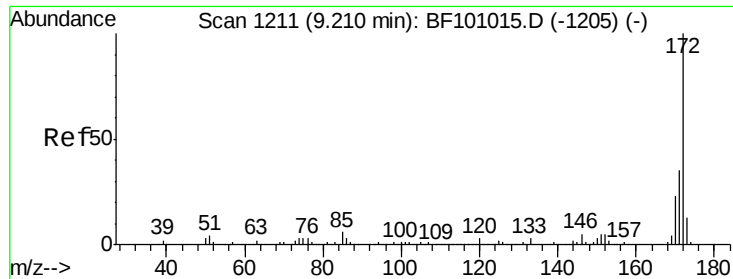


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

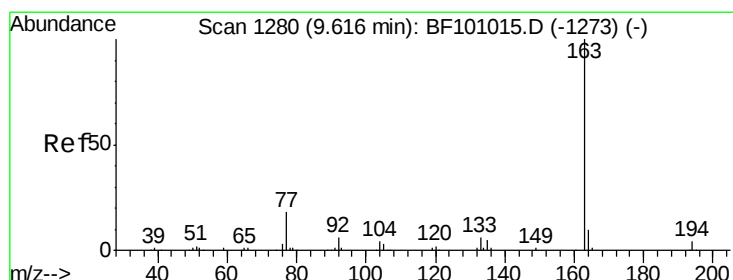
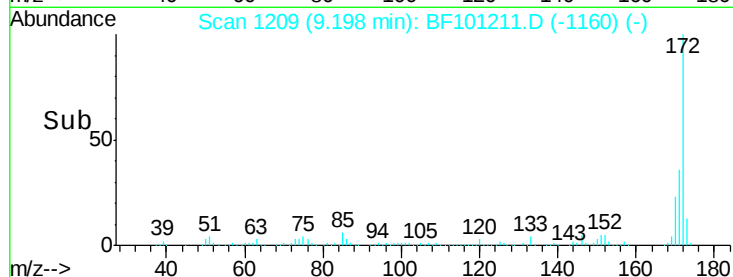
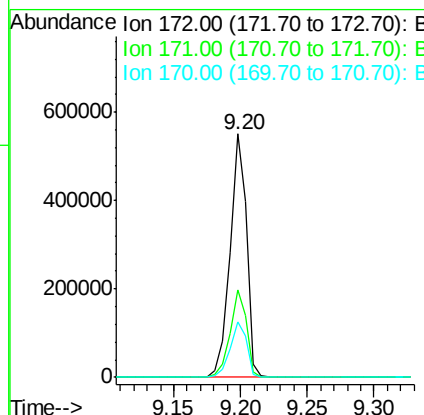
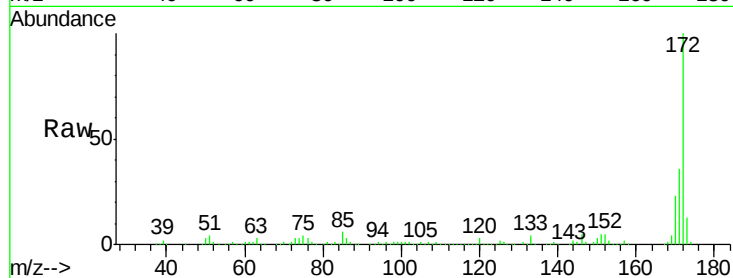




#44
 2-Fluorobiphenyl
 Concen: 74.202 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101211.D
 Acq: 7 Dec 2017 17:58

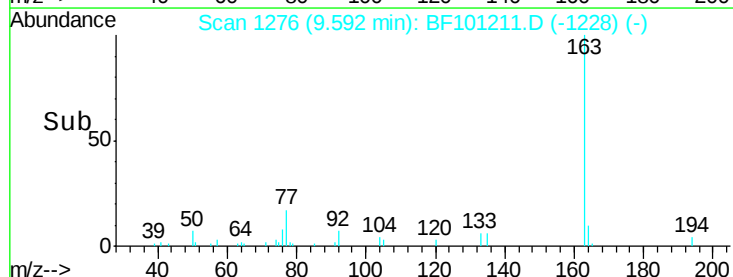
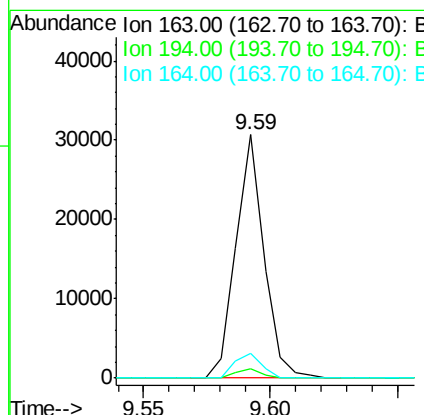
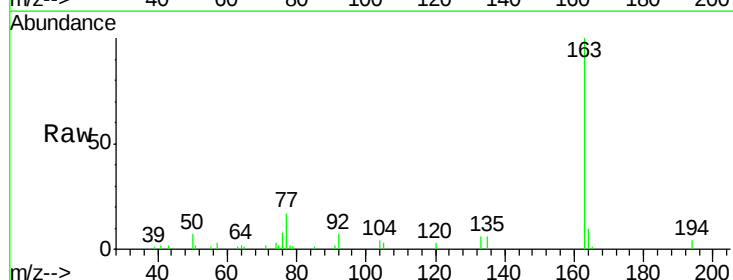
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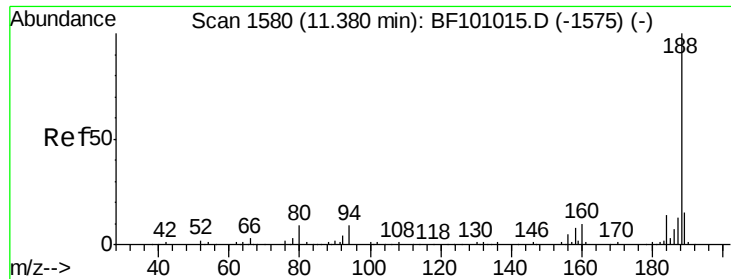
Tot Ion:172 Resp: 482954
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 22.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 3.280 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF101211.D
 Acq: 7 Dec 2017 17:58

Tgt Ion:163 Resp: 23558
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.1 8.2 12.2

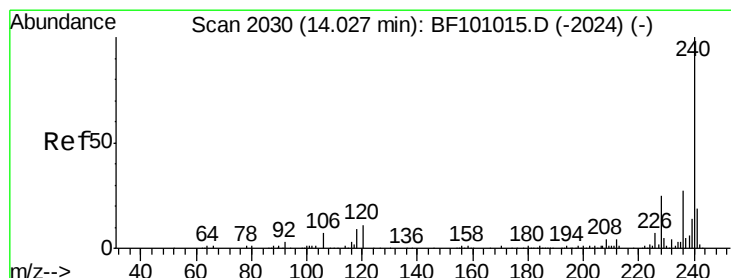
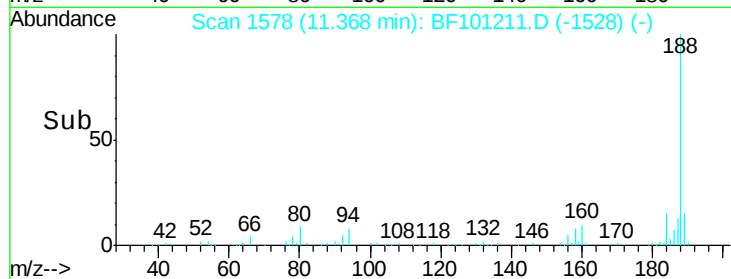
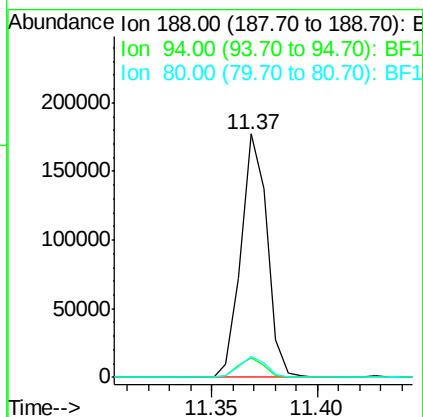
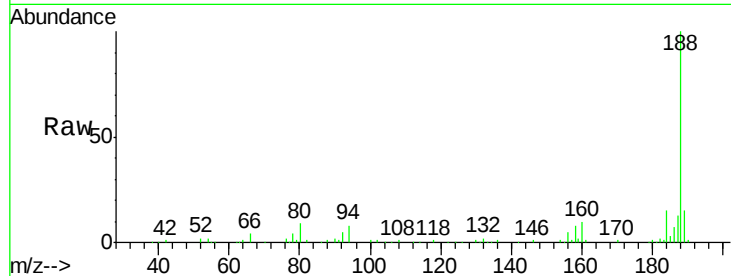




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101211.D
Acq: 7 Dec 2017 17:58

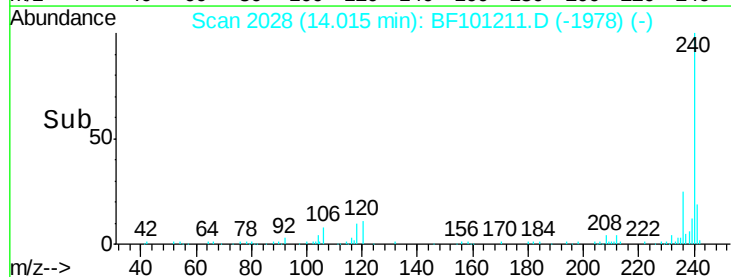
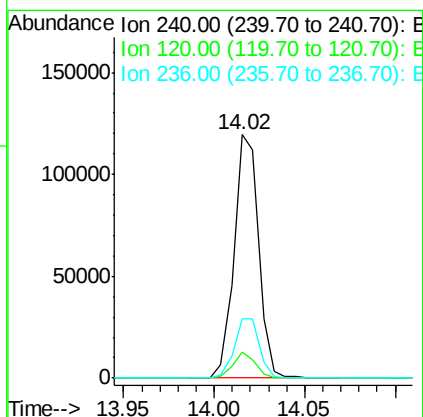
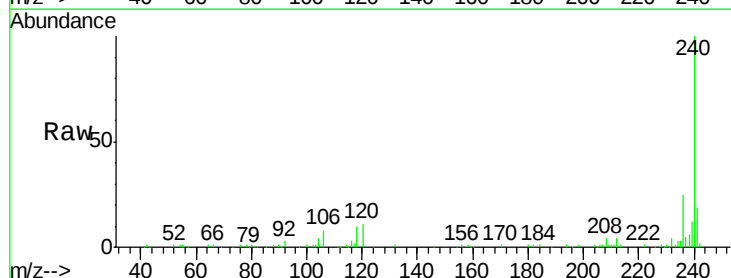
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BNA_F
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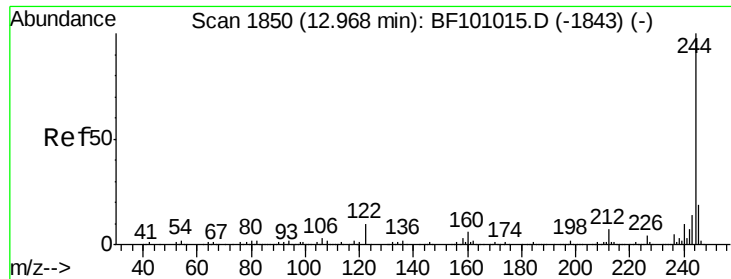
Tot Ion:188 Resp: 151815
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101211.D
Acq: 7 Dec 2017 17:58

Tgt Ion:240 Resp: 112329
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 24.6 20.7 31.1

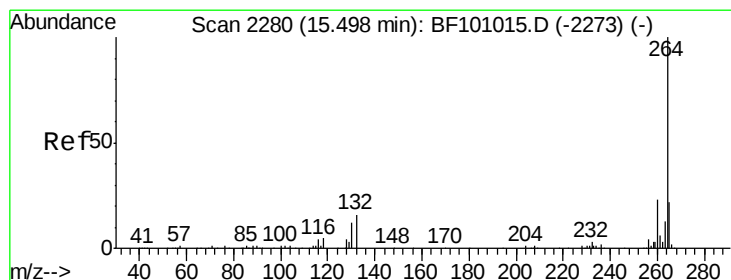
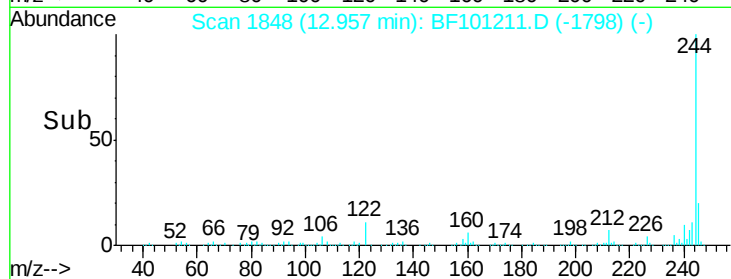
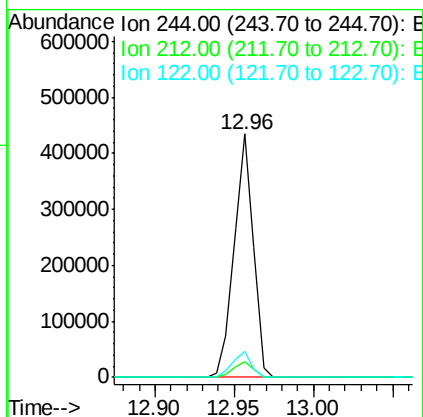
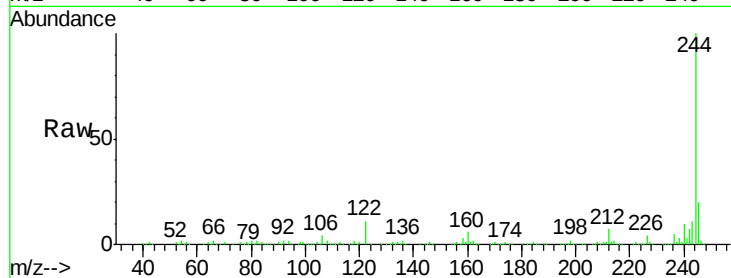




#78
 Terphenyl-d14
 Concen: 71.233 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101211.D
 Acq: 7 Dec 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 DUP-CHA001

Tot Ion:244 Resp: 365825
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101211.D
 Acq: 7 Dec 2017 17:58

Tgt Ion:264 Resp: 102974
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.2 28.8
 265 22.3 17.5 26.3

