

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100159.D
 Acq On : 4 Nov 2017 3:34
 Operator : SJ/JU
 Sample : I6160-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6

Quant Time: Nov 04 04:30:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

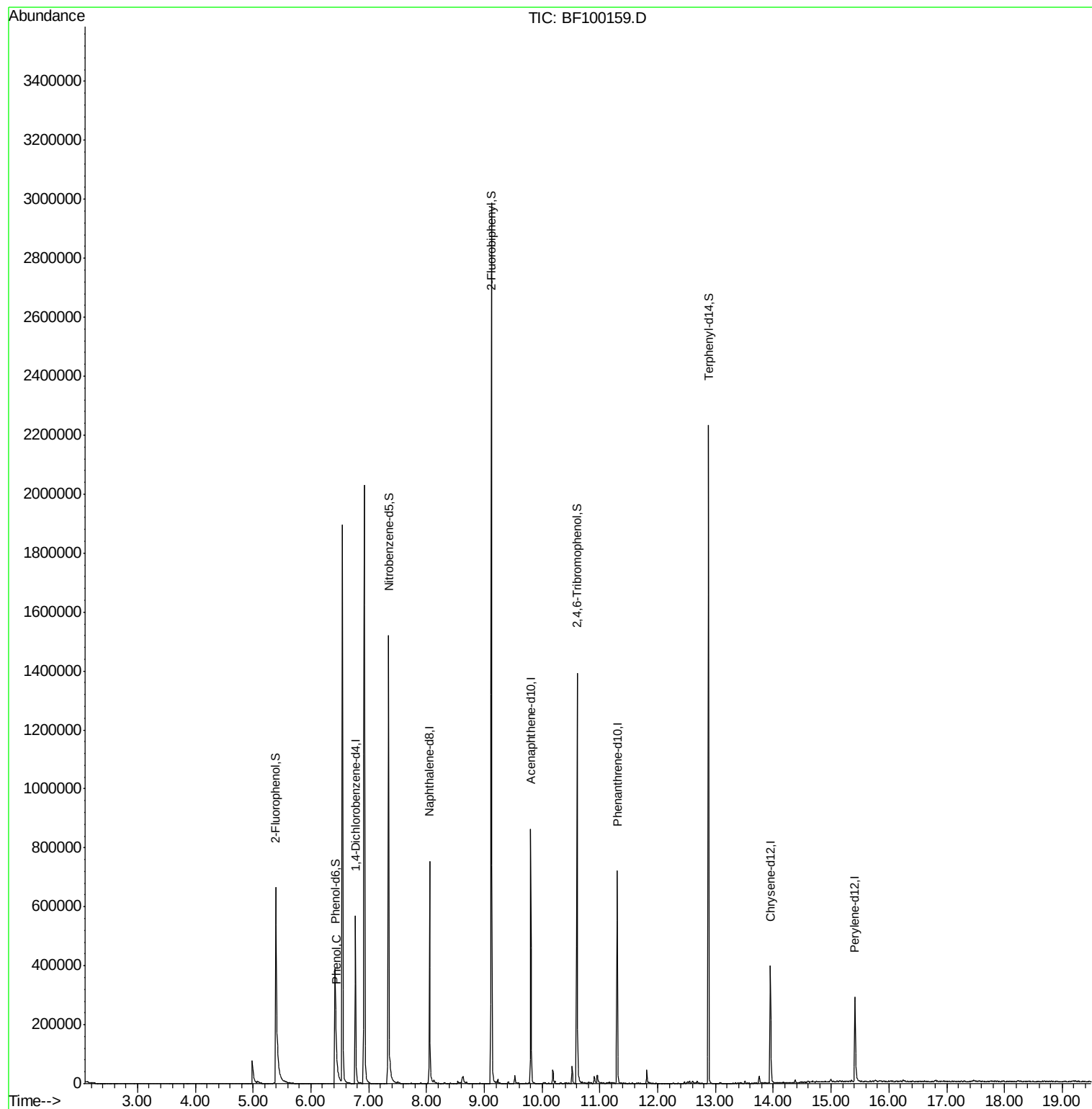
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	95954	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	390389	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	166182	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	270382	20.00	ng	0.00
75) Chrysene-d12	13.95	240	149411	20.00	ng	0.00
86) Perylene-d12	15.41	264	156866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	366397	59.95	ng	0.00
7) Phenol-d6	6.42	99	266234	36.74	ng	-0.01
23) Nitrobenzene-d5	7.35	82	566722	93.46	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	191228	126.27	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1047327	97.23	ng	0.00
78) Terphenyl-d14	12.88	244	731277	106.96	ng	0.00
Target Compounds						
10) Phenol	6.44	94	22690	2.852	ng	Qvalue 92

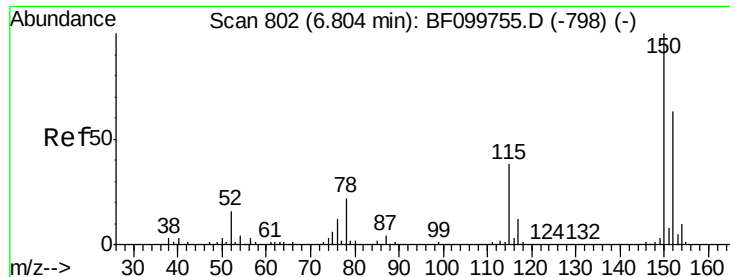
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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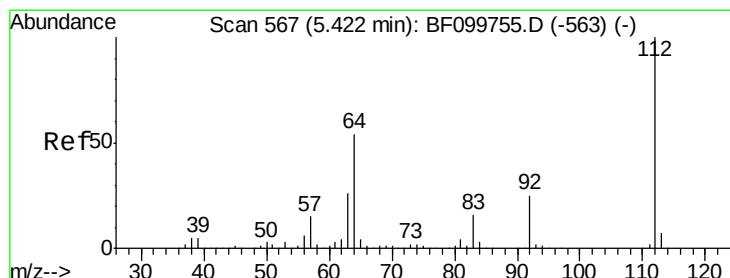
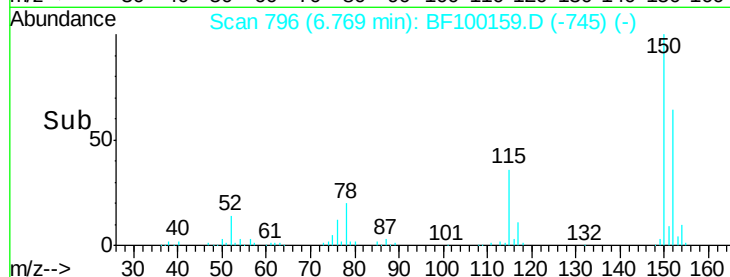
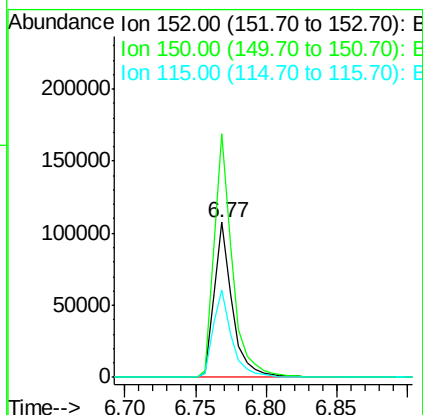
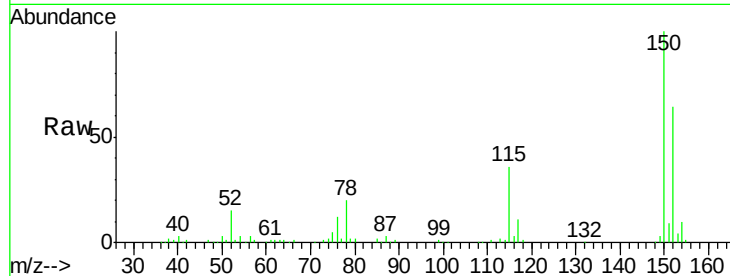




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF100159.D
 Acq: 4 Nov 2017 3:34

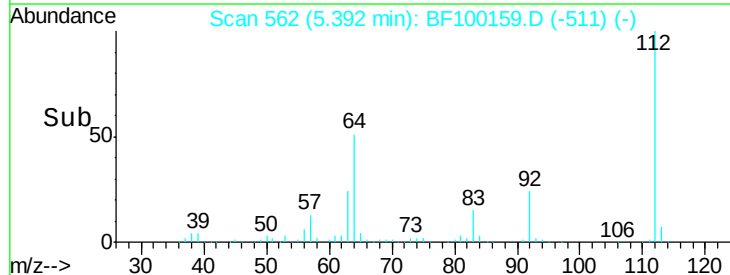
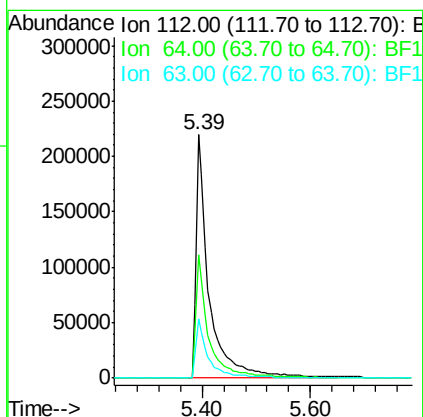
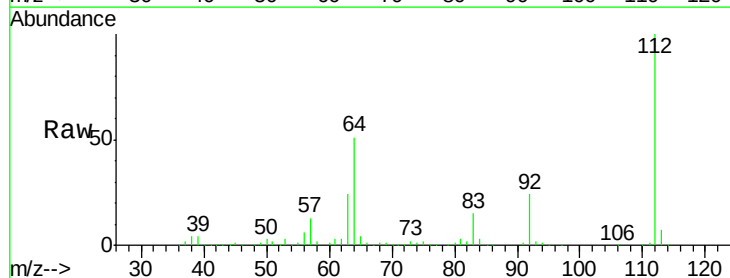
Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6

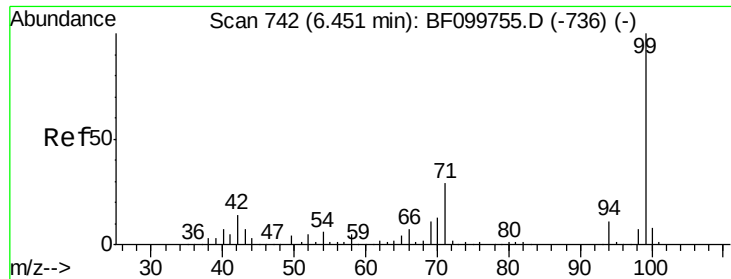
Tgt Ion:152 Resp: 95954
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 56.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 59.949 ng
 RT: 5.39 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF100159.D
 Acq: 4 Nov 2017 3:34

Tgt Ion:112 Resp: 366397
 Ion Ratio Lower Upper
 112 100
 64 50.9 47.9 71.9
 63 24.2 23.7 35.5





#7

Phenol-d6

Concen: 36.737 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100159.D

Acq: 4 Nov 2017 3:34

Instrument :

BNA_F

ClientSampleId :

RLF-SW-6

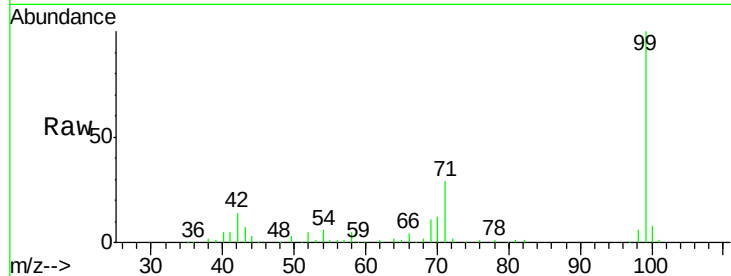
Tgt Ion: 99 Resp: 266234

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

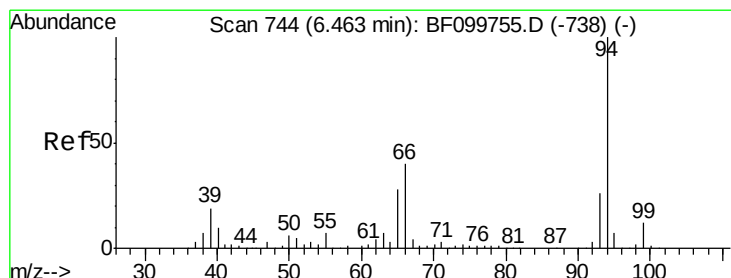
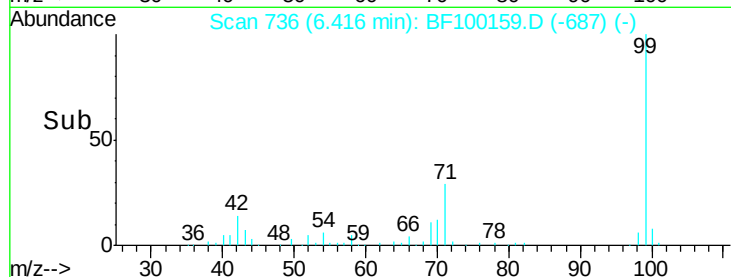
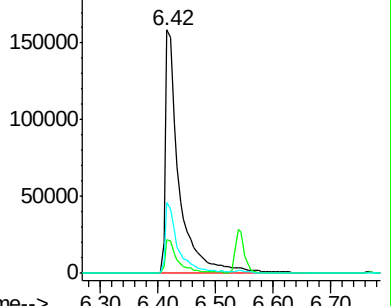
71 29.3 25.4 38.0



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



#10

Phenol

Concen: 2.852 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF100159.D

Acq: 4 Nov 2017 3:34

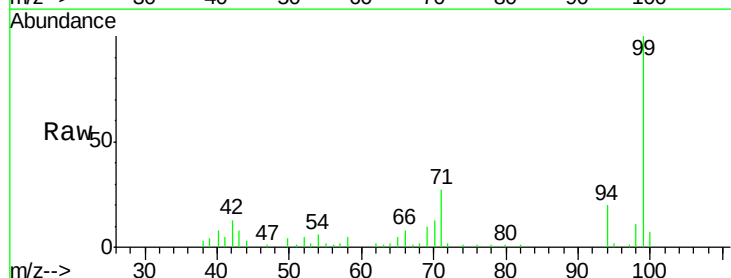
Tgt Ion: 94 Resp: 22690

Ion Ratio Lower Upper

94 100

65 24.5 7.9 47.9

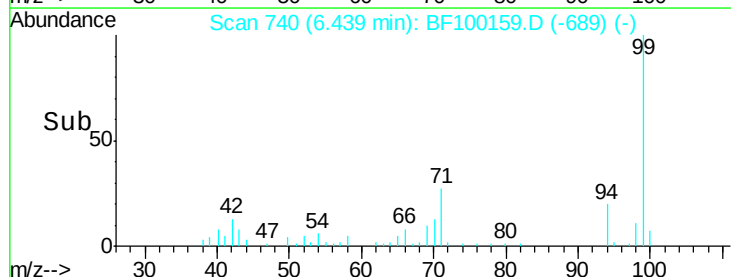
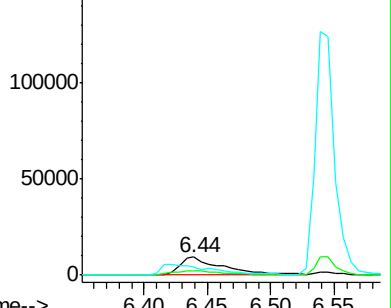
66 42.1 16.2 56.2

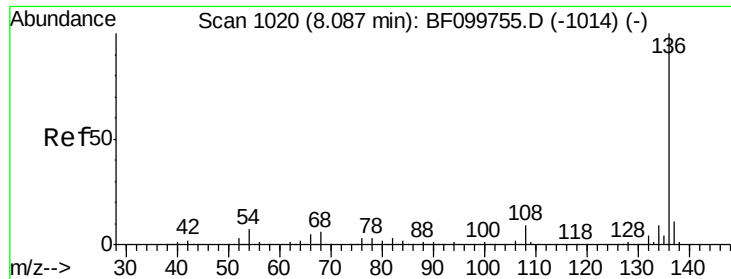


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

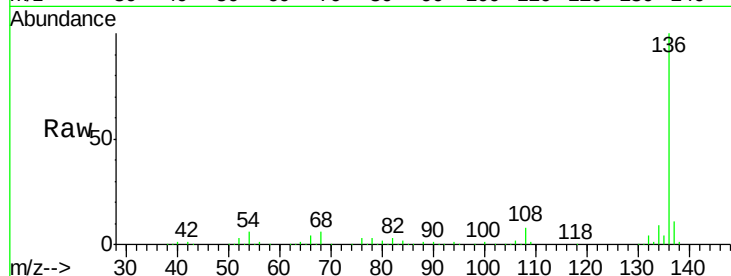




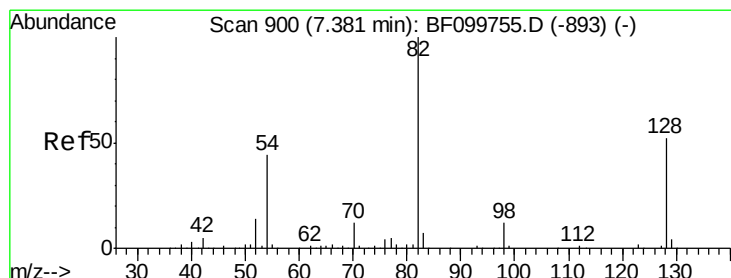
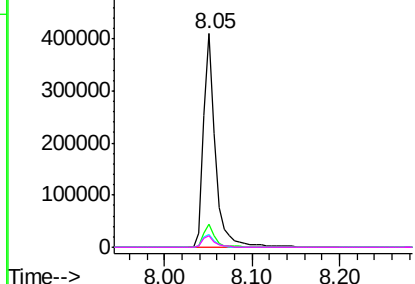
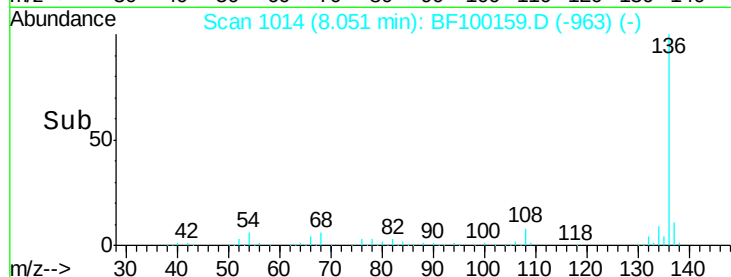
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF100159.D
Acq: 4 Nov 2017 3:34

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6

Tgt Ion:	136	Resp:	390389
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	6.6	9.8#
68	5.5	5.0	7.4

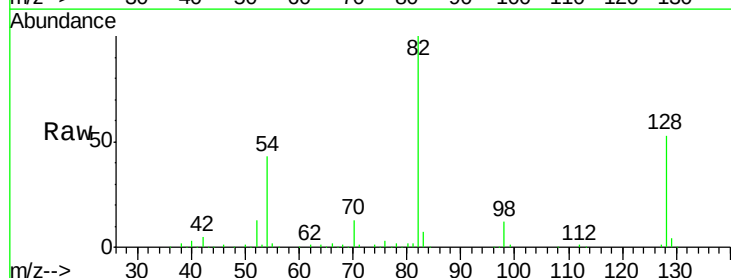


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

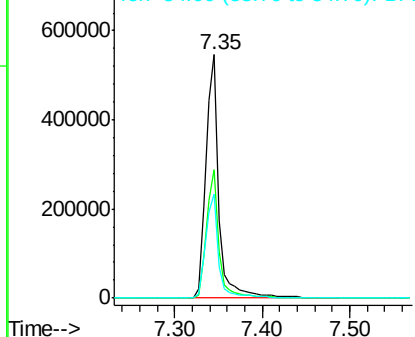
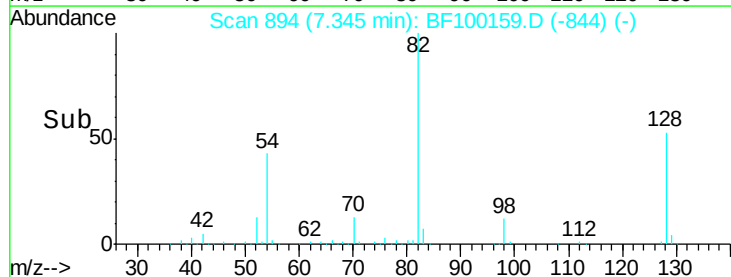


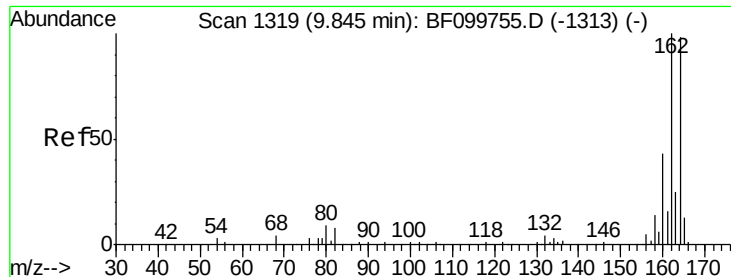
#23
Nitrobenzene-d5
Concen: 93.460 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100159.D
Acq: 4 Nov 2017 3:34

Tgt Ion:	82	Resp:	566722
Ion	Ratio	Lower	Upper
82	100		
128	52.6	36.1	54.1
54	42.5	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

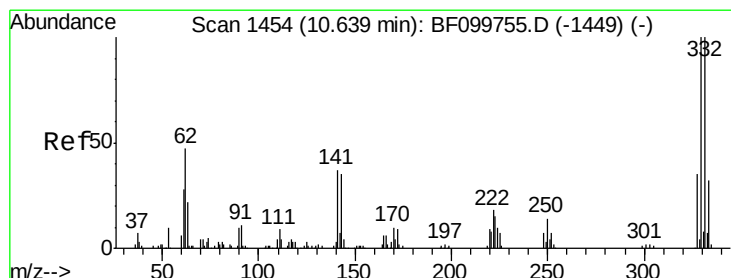
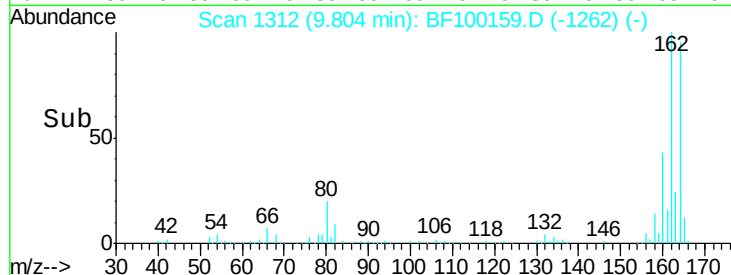
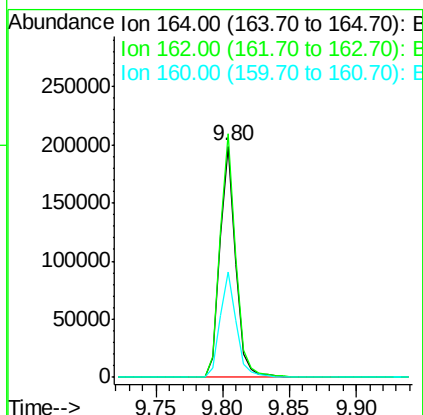
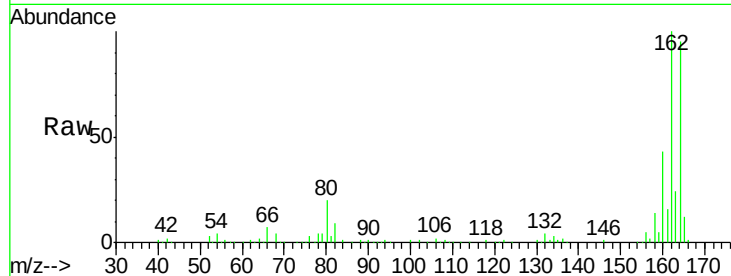




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100159.D
 Acq: 4 Nov 2017 3:34

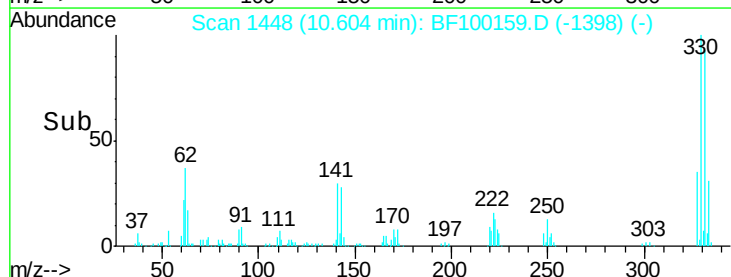
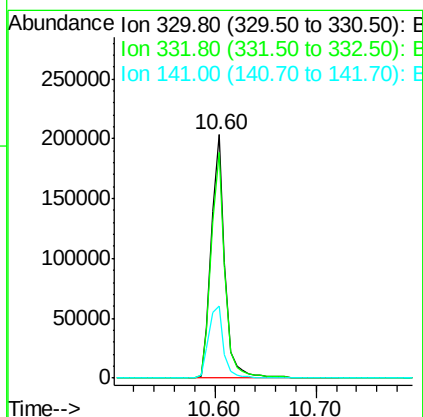
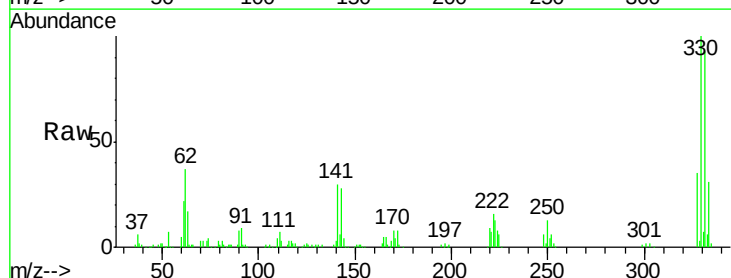
Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6

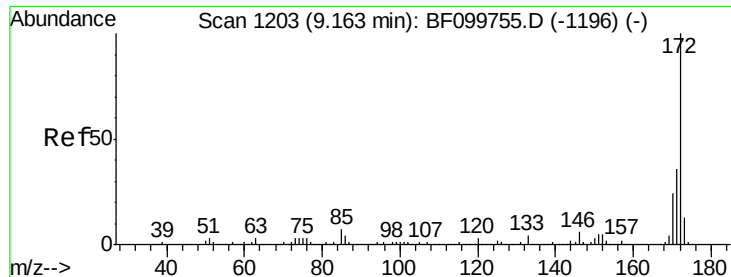
Tgt Ion:164 Resp: 166182
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 45.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 126.269 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100159.D
 Acq: 4 Nov 2017 3:34

Tgt Ion:330 Resp: 191228
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 32.9 29.9 44.9

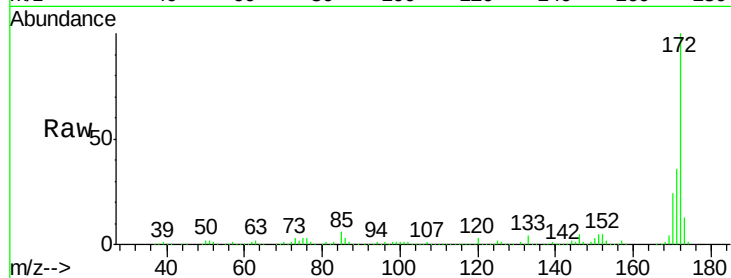




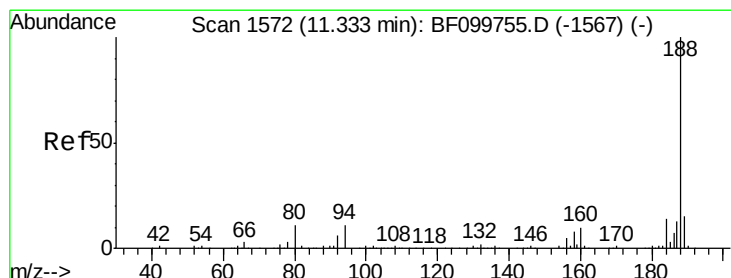
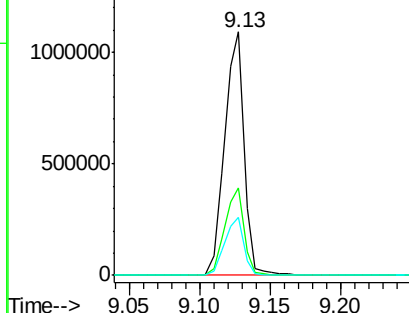
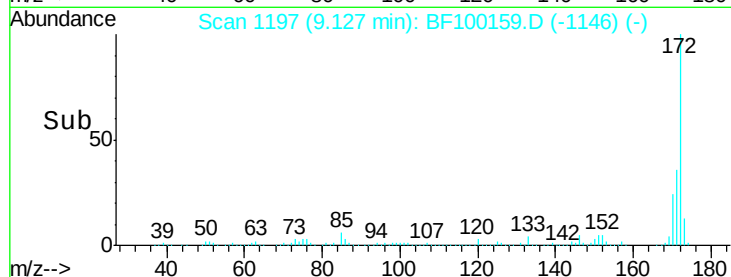
#44
 2-Fluorobiphenyl
 Concen: 97.234 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF100159.D
 Acq: 4 Nov 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6

Tgt Ion:172 Resp: 1047327
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.7 19.6 29.4

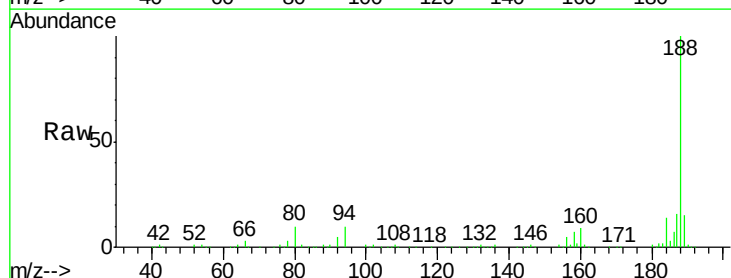


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

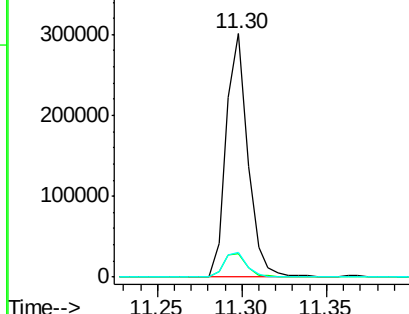
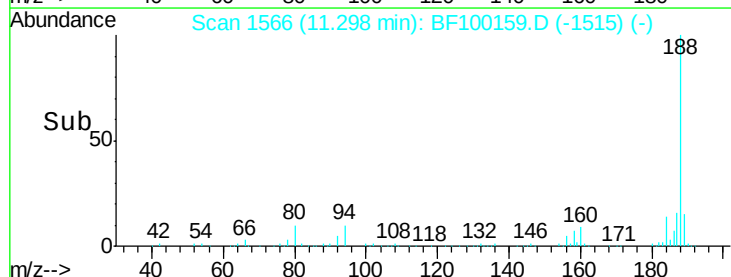


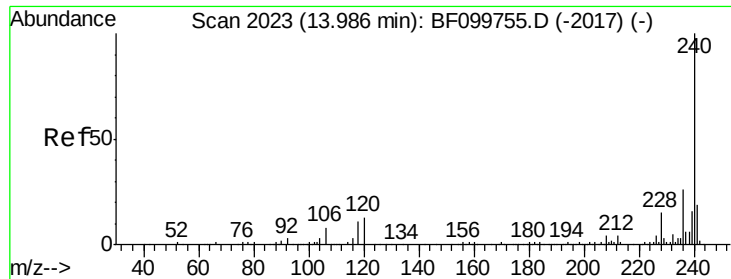
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF100159.D
 Acq: 4 Nov 2017 3:34

Tgt Ion:188 Resp: 270382
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 400000 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

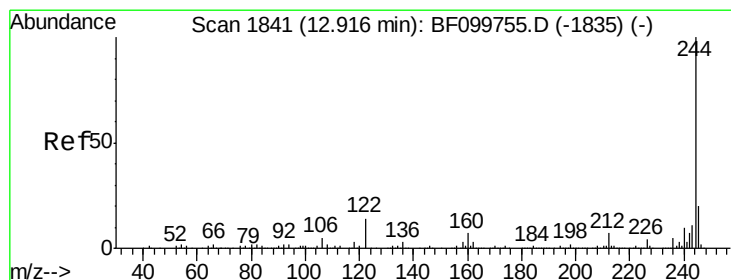
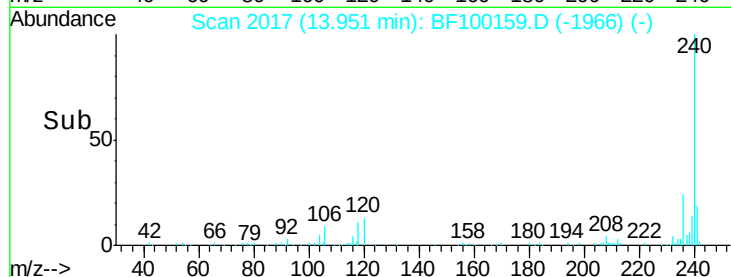
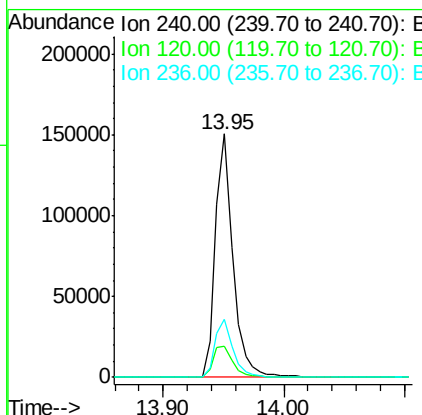
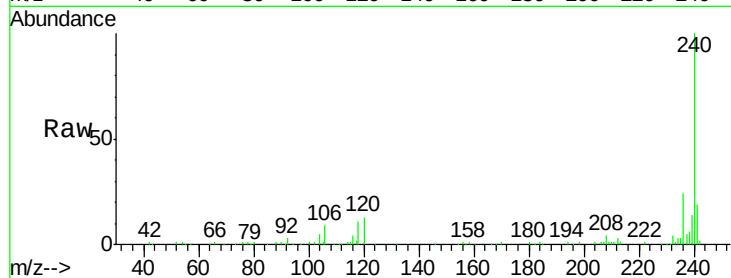




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF100159.D
 Acq: 4 Nov 2017 3:34

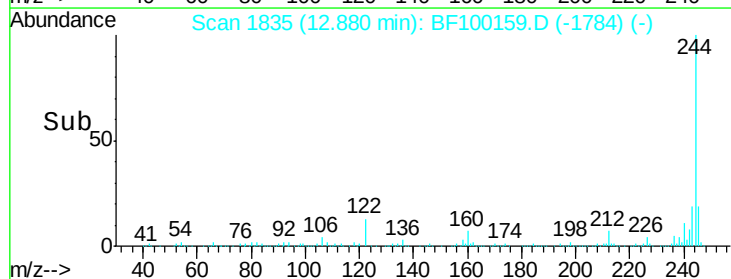
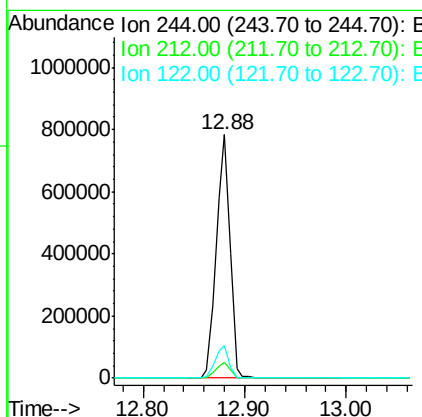
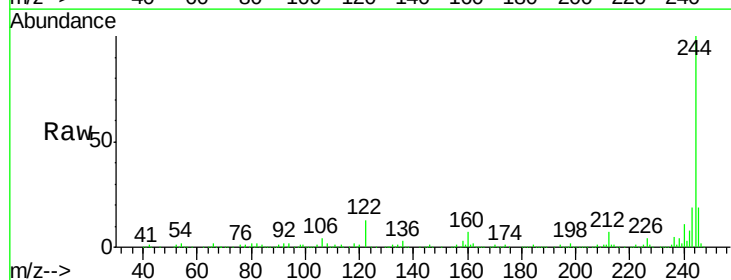
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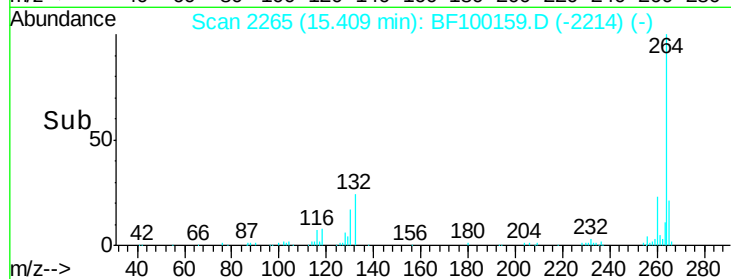
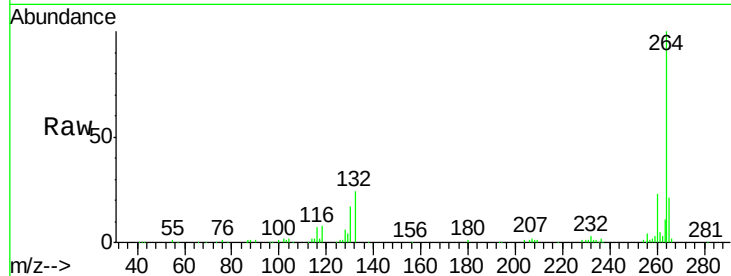
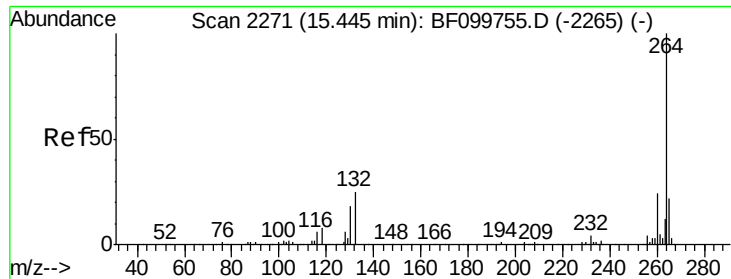
Tgt Ion:240 Resp: 149411
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 24.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 106.961 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF100159.D
 Acq: 4 Nov 2017 3:34

Tgt Ion:244 Resp: 731277
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.4 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BF100159.D

Acq: 4 Nov 2017 3:34

Instrument :

BNA_F

ClientSampleId :

RLF-SW-6

Tgt Ion: 264 Resp: 156866

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.6 17.5 26.3

