

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102116.D
 Acq On : 16 Jan 2018 18:21
 Operator : SJ/JU
 Sample : J1115-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-2.5-3.0

Quant Time: Jan 17 02:44:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

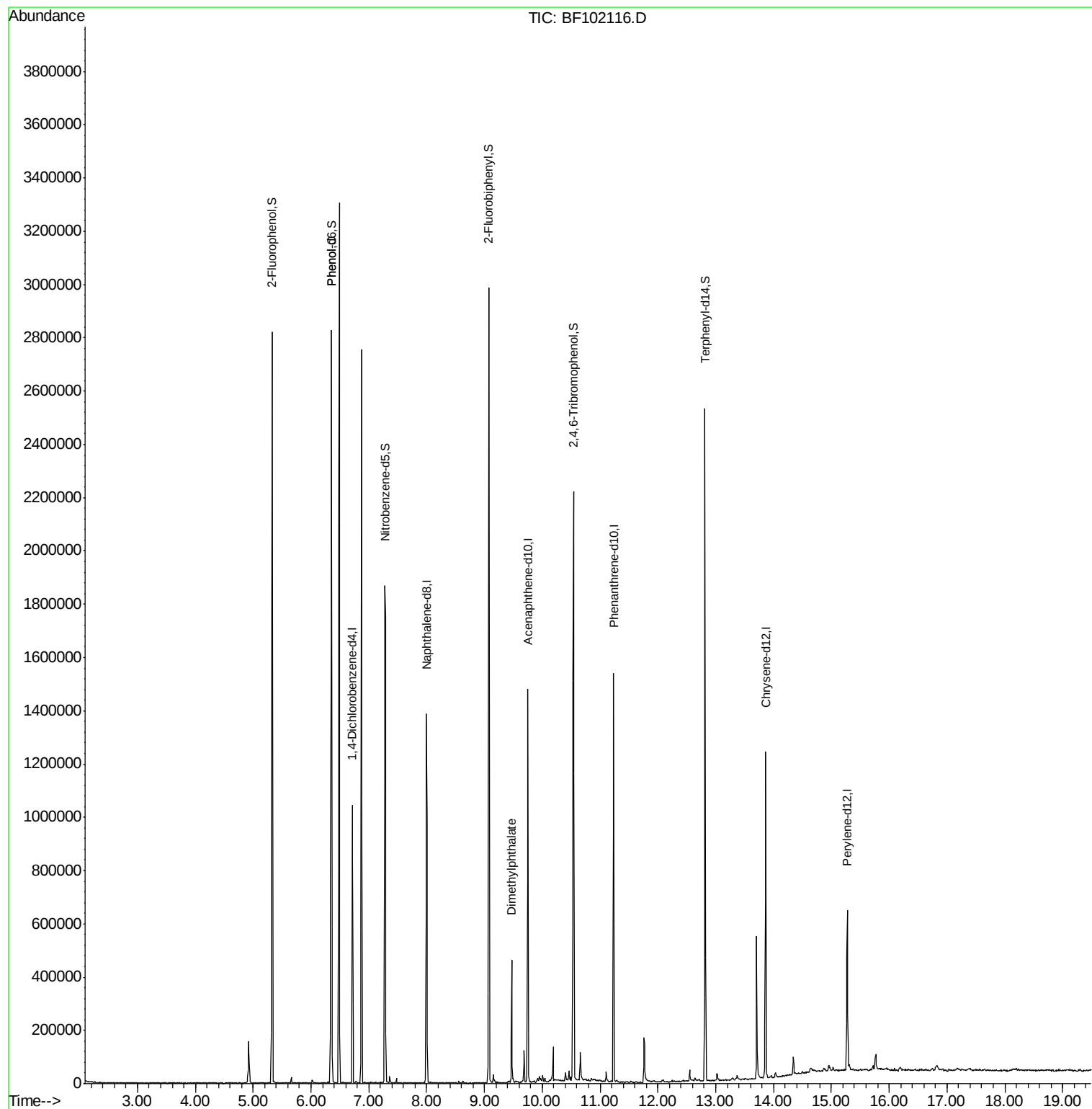
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146465	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	606674	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	271295	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	484871	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	377355	20.00	ng	-0.02
86) Perylene-d12	15.27	264	258068	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	884113	85.24	ng	0.00
7) Phenol-d6	6.36	99	1040878	84.11	ng	0.00
23) Nitrobenzene-d5	7.28	82	666316	64.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	243874	103.01	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	988661	56.93	ng	-0.01
78) Terphenyl-d14	12.82	244	886577	48.78	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	41472	2.965	ng	86
49) Dimethylphthalate	9.47	163	166847	7.666	ng	100

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

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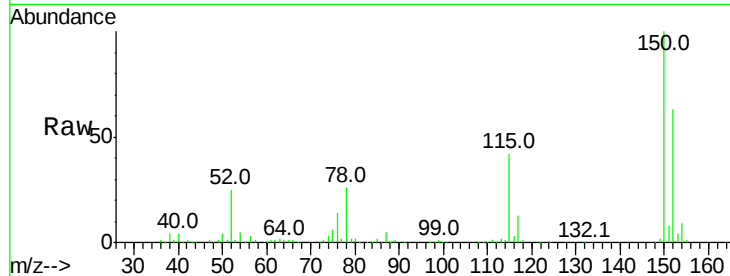


#1

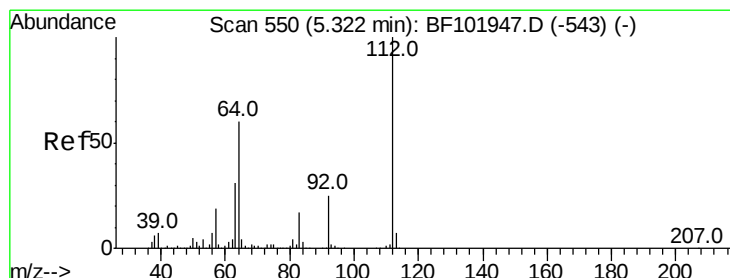
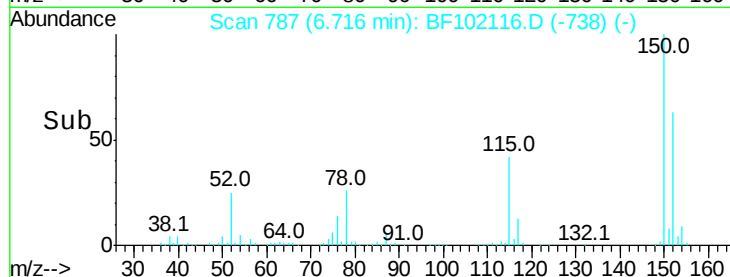
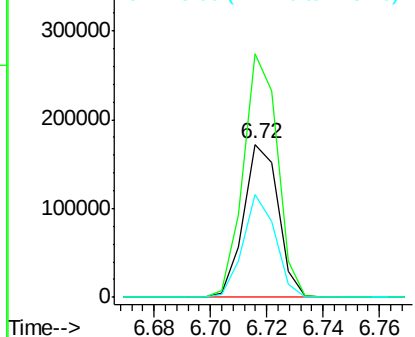
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :
SB-33-2.5-3.0

Tot Ion:152 Resp: 146465
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 67.2 50.1 75.1



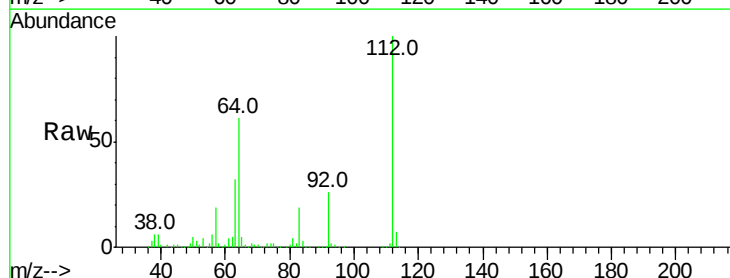
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



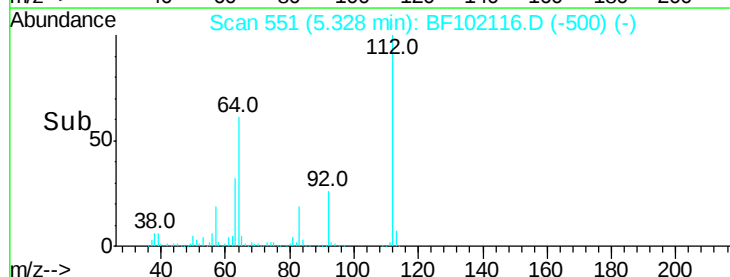
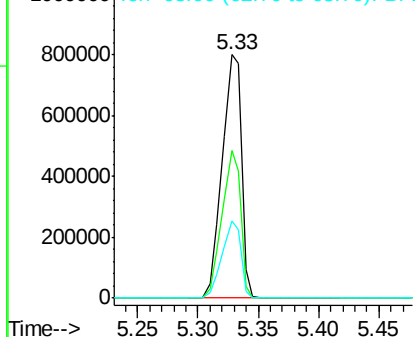
#5

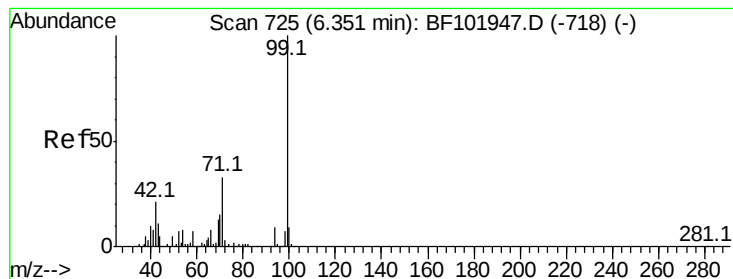
2-Fluorophenol
Concen: 85.238 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:112 Resp: 884113
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.7 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: 84.110 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Instrument :

BNA_F

ClientSampleId :

SB-33-2.5-3.0

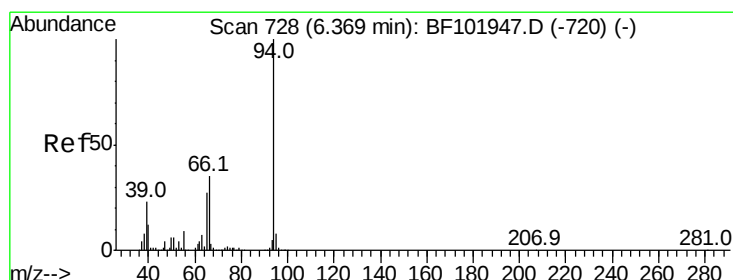
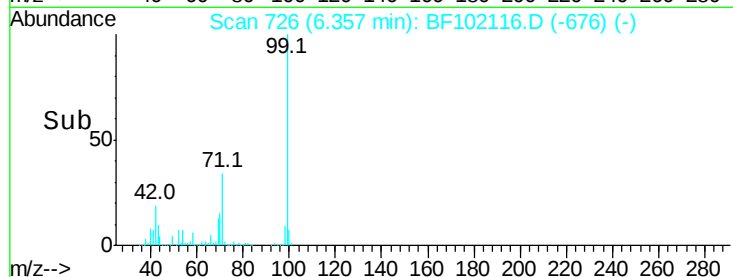
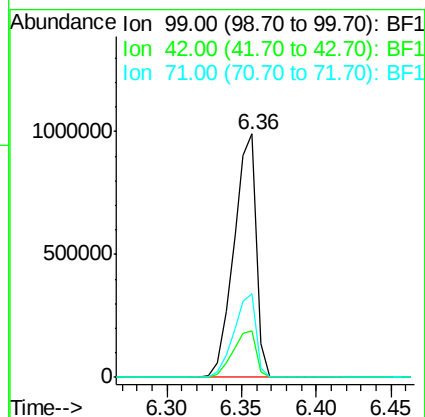
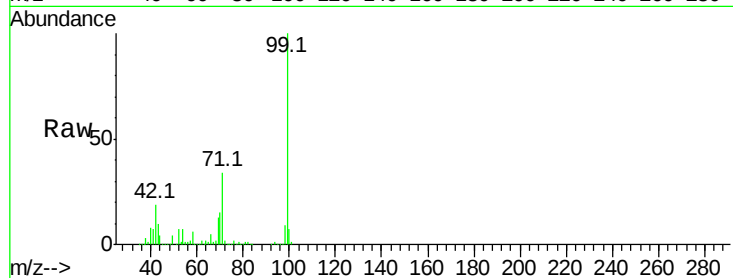
Tot Ion: 99 Resp: 1040878

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 2.965 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

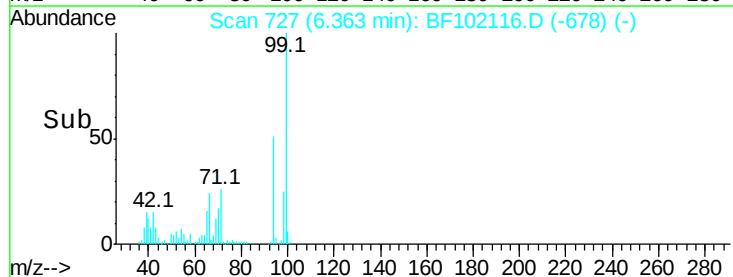
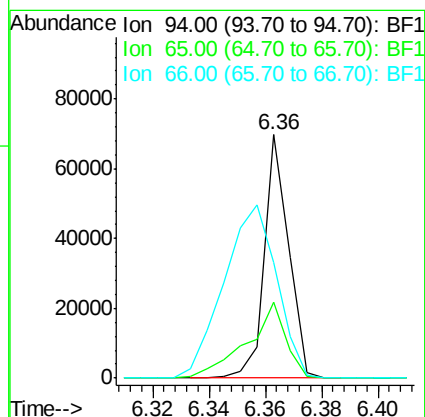
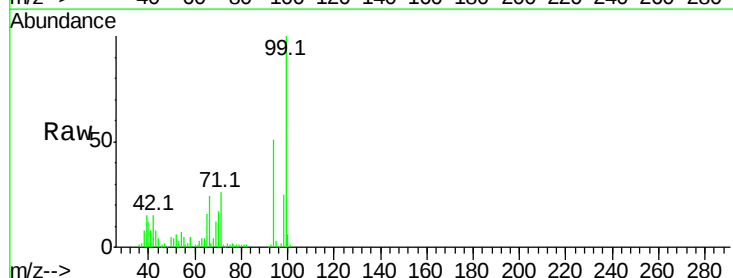
Tgt Ion: 94 Resp: 41472

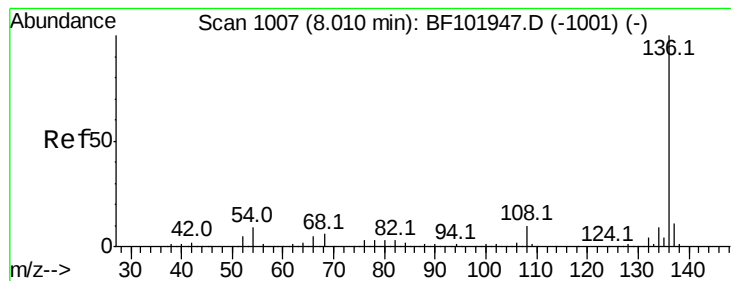
Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 47.5 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Instrument :

BNA_F

ClientSampleId :

SB-33-2.5-3.0

Tot Ion:136 Resp: 606674

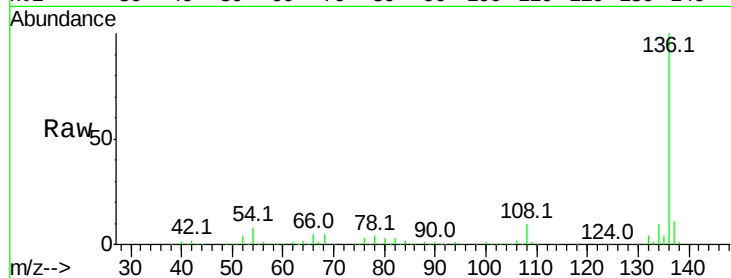
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.8 6.6 9.8

68 5.3 5.0 7.4

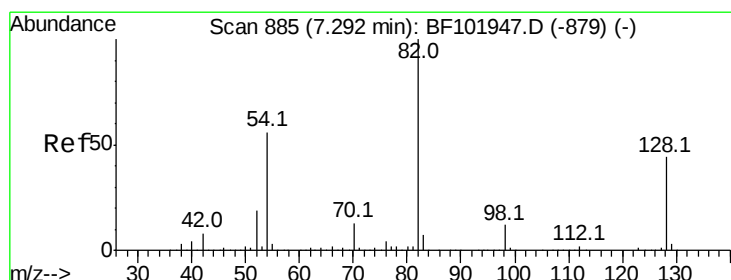
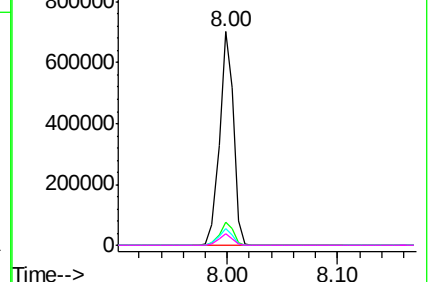
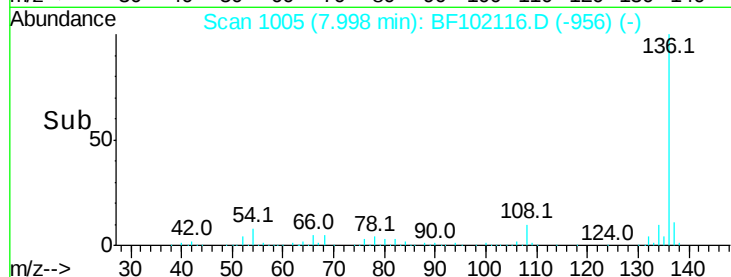


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.541 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

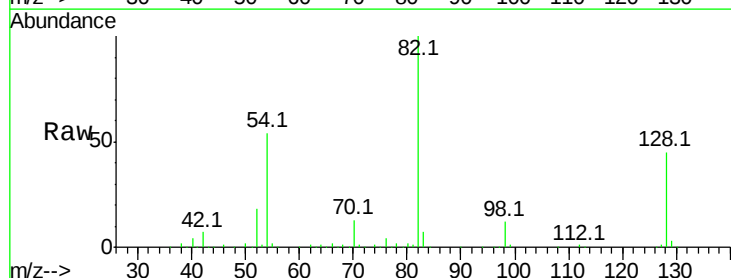
Tgt Ion: 82 Resp: 666316

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

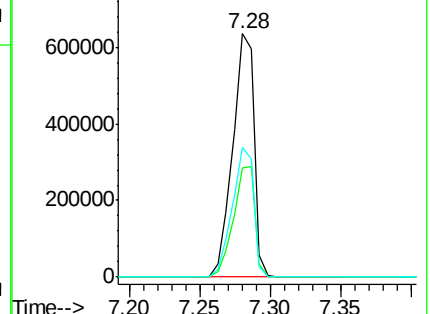
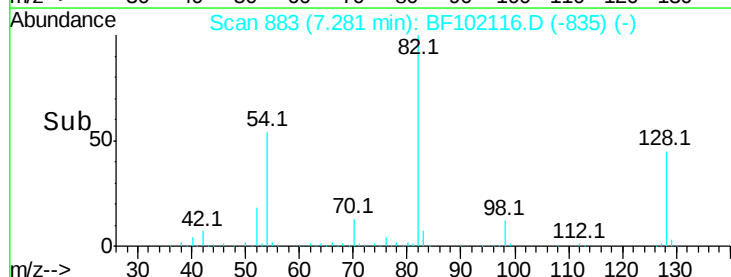
54 53.5 41.4 62.2

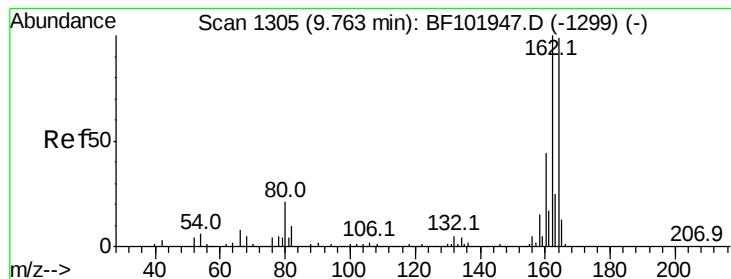


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Instrument :

BNA_F

ClientSampleId :

SB-33-2.5-3.0

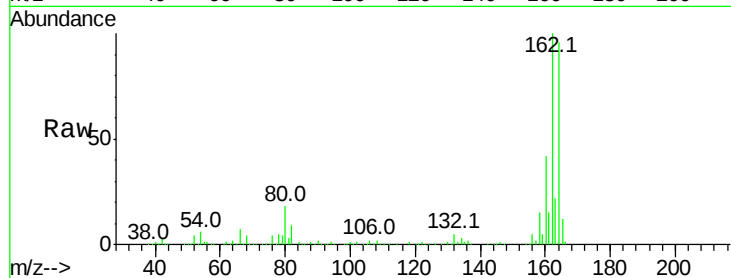
Tot Ion:164 Resp: 271295

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

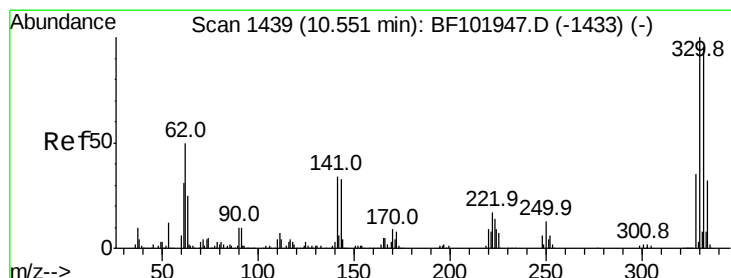
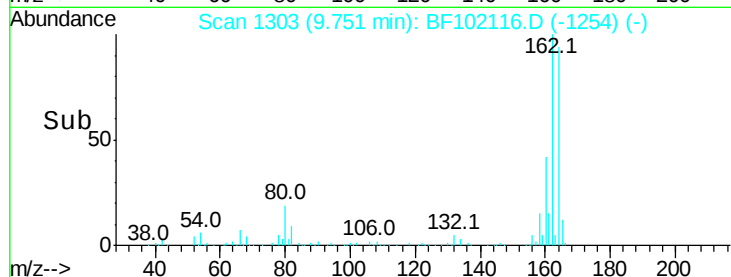
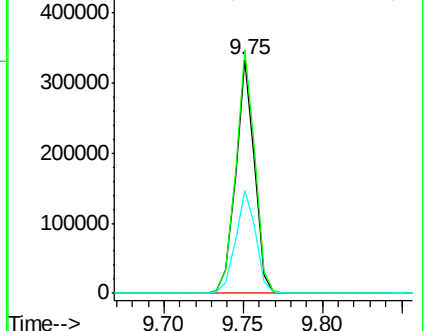
160 44.1 38.3 57.5



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: 103.007 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

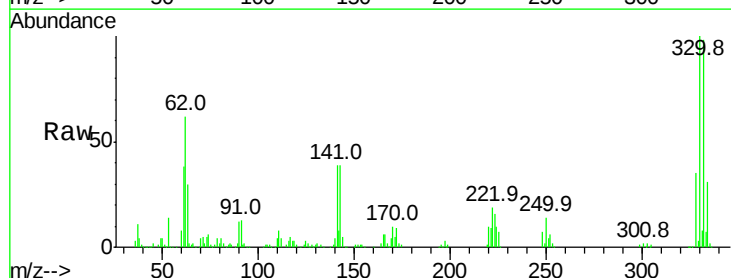
Tgt Ion:330 Resp: 243874

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

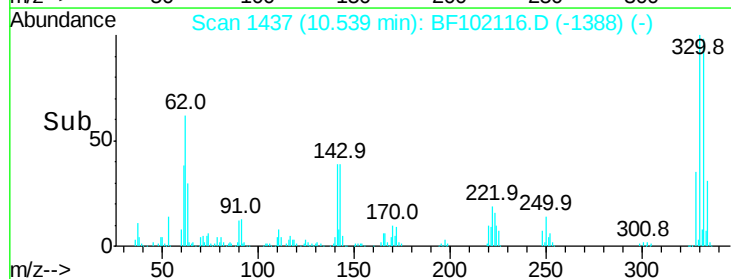
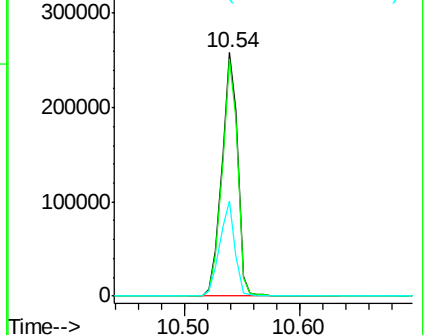
141 37.5 29.9 44.9



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

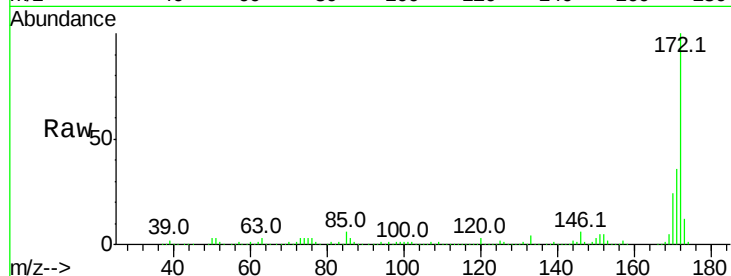




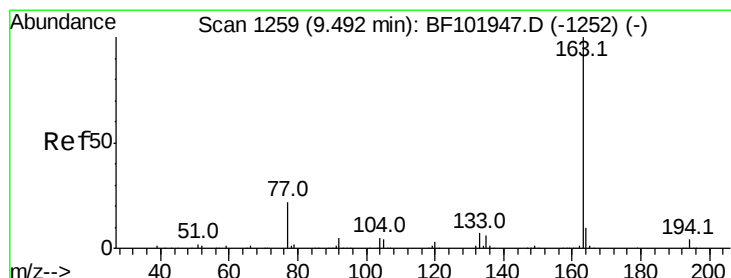
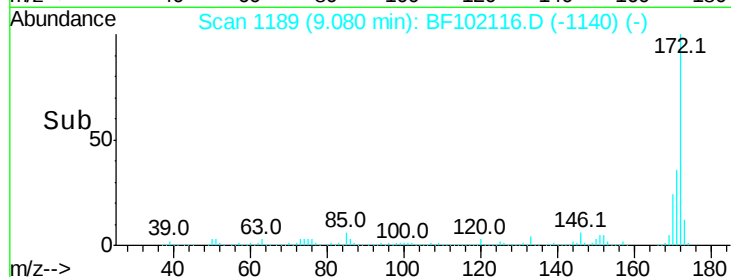
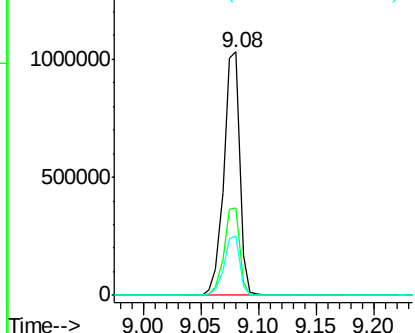
#44
 2-Fluorobiphenyl
 Concen: 56.933 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102116.D
 Acq: 16 Jan 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-2.5-3.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4

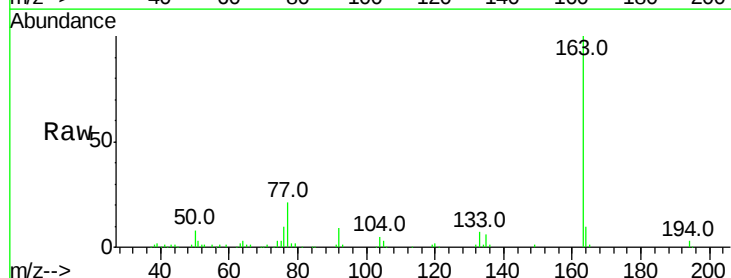


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

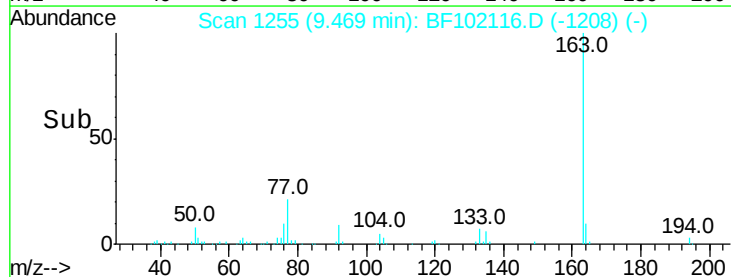
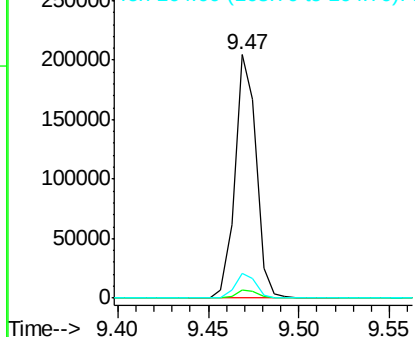


#49
 Dimethylphthalate
 Concen: 7.666 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102116.D
 Acq: 16 Jan 2018 18:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	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

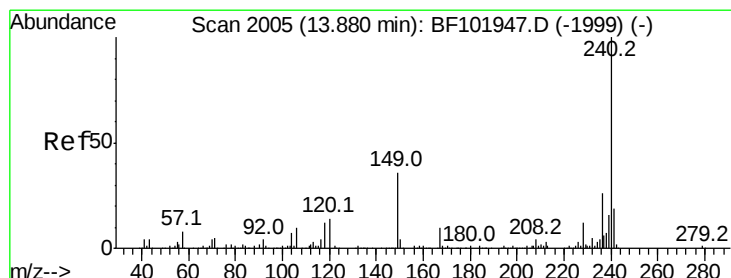
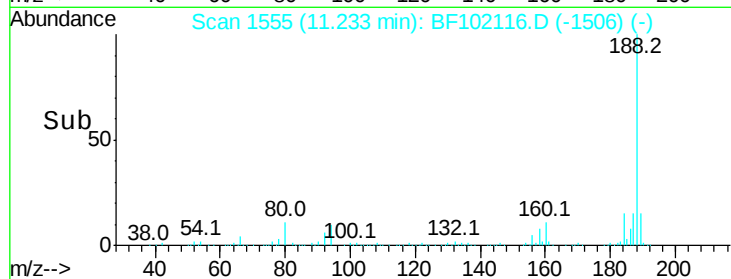
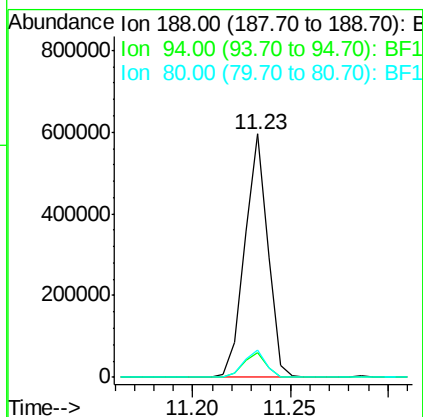
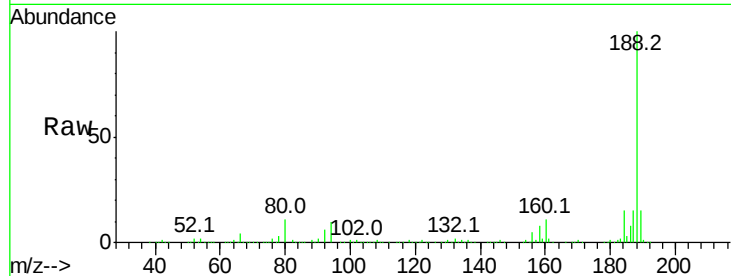




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

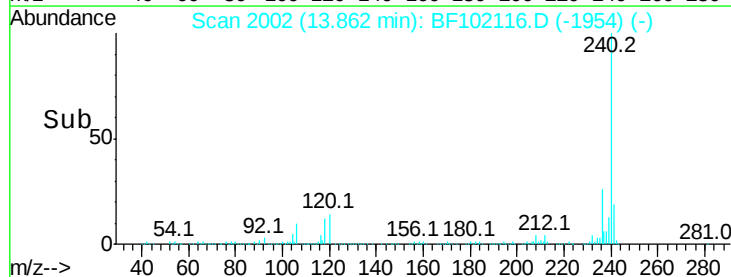
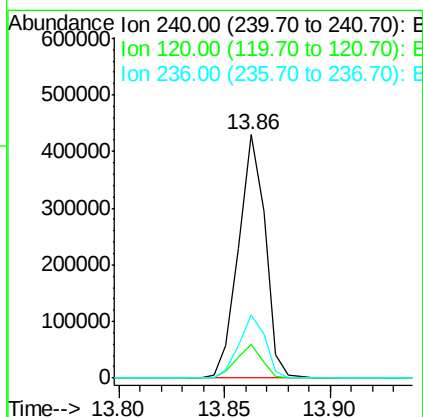
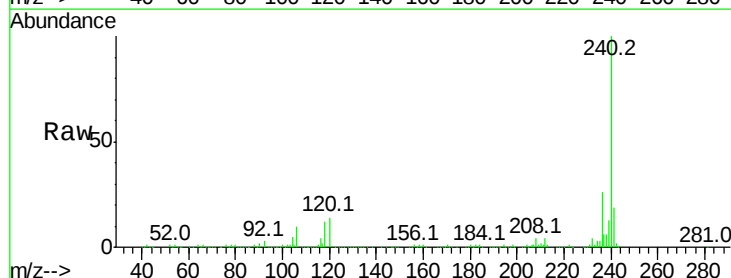
Instrument :
BNA_F
ClientSampleId :
SB-33-2.5-3.0

Tot Ion:188 Resp: 484871
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:240 Resp: 377355
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 48.781 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Instrument :

BNA_F

ClientSampleId :

SB-33-2.5-3.0

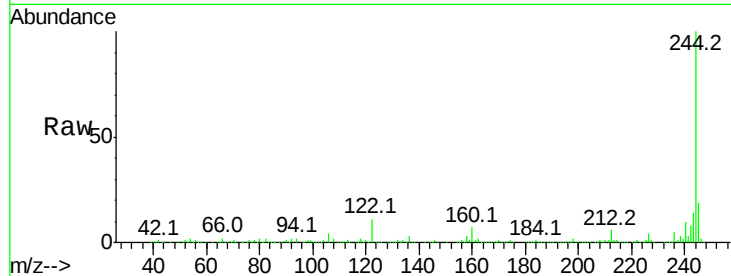
Tot Ion:244 Resp: 886577

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

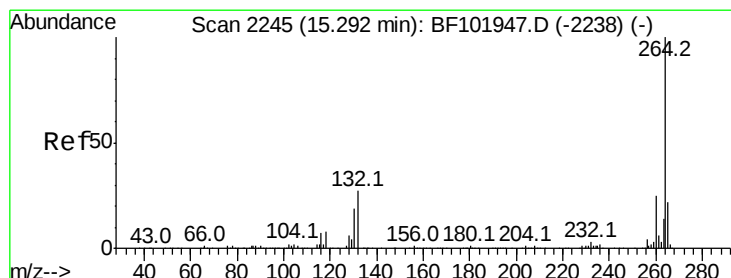
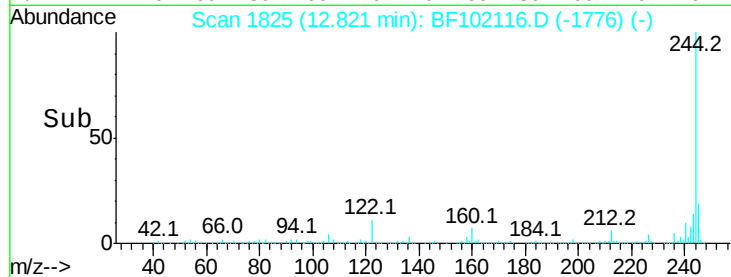
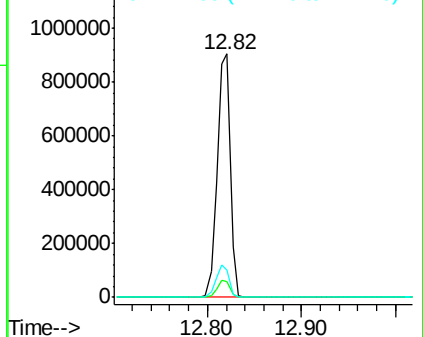
122 11.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

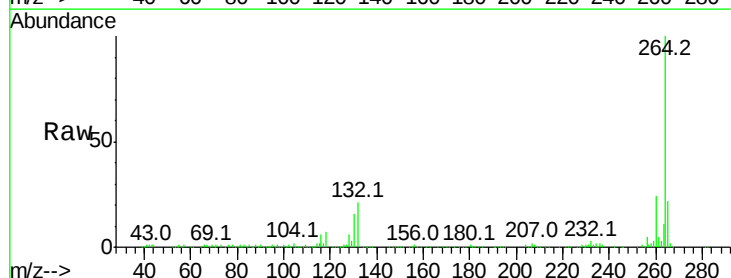
Tgt Ion:264 Resp: 258068

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

