

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101043.D
 Acq On : 1 Dec 2017 2:54
 Operator : SJ/JU
 Sample : I6641-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Dec 01 03:43:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

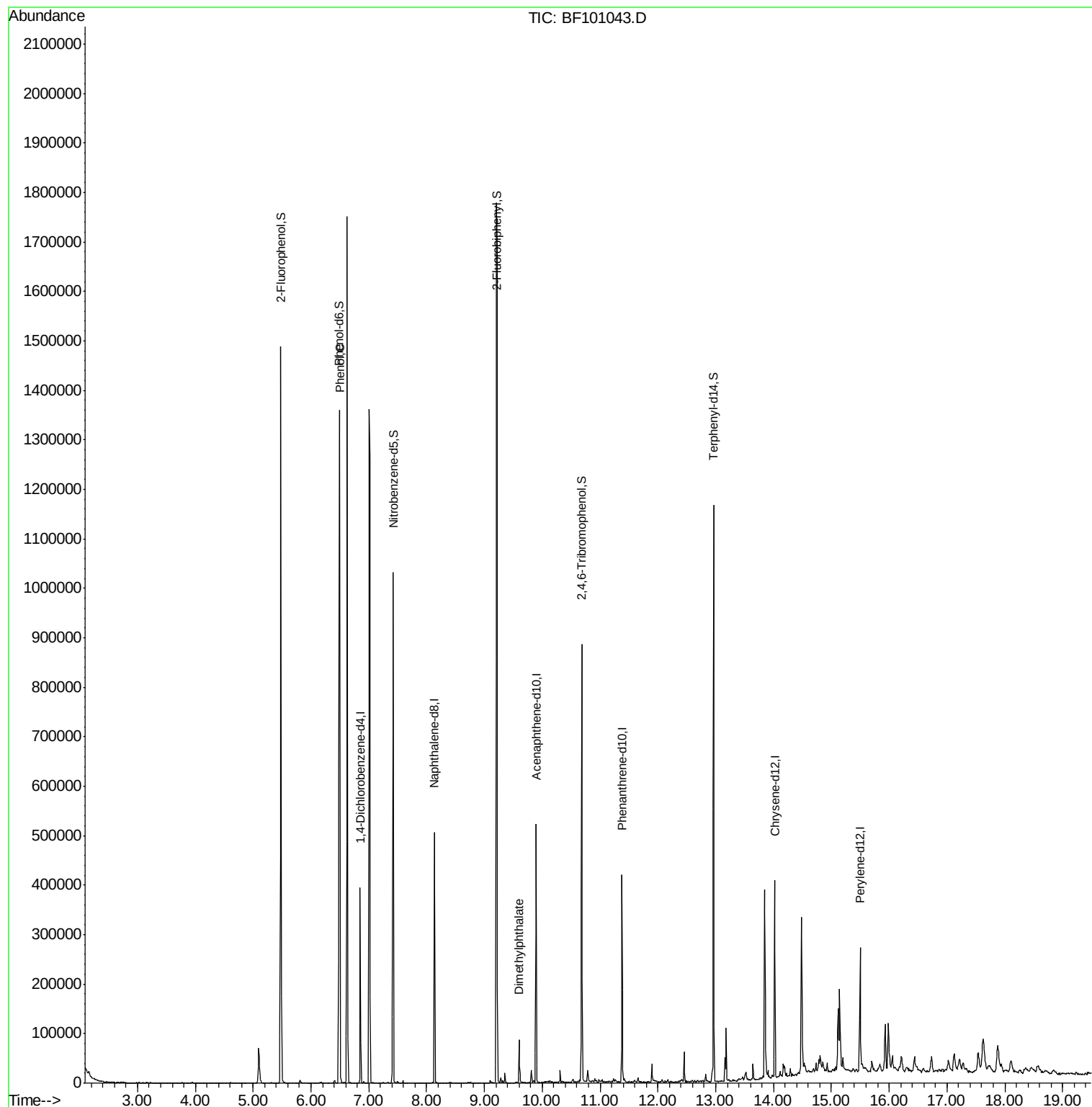
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	59958	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	222570	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	91750	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	144632	20.00	ng	0.00
75) Chrysene-d12	14.02	240	127139	20.00	ng	0.00
86) Perylene-d12	15.50	264	95851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	481621	132.73	ng	0.02
7) Phenol-d6	6.49	99	578767	131.38	ng	0.00
23) Nitrobenzene-d5	7.42	82	346148	92.77	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	118127	107.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	614815	91.68	ng	0.00
78) Terphenyl-d14	12.96	244	392194	67.47	ng	0.00
Target Compounds						
10) Phenol	6.50	94	25047	5.113	ng	92
49) Dimethylphthalate	9.60	163	31911	4.313	ng	# 99

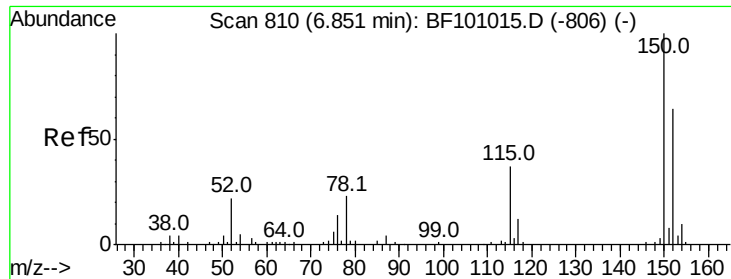
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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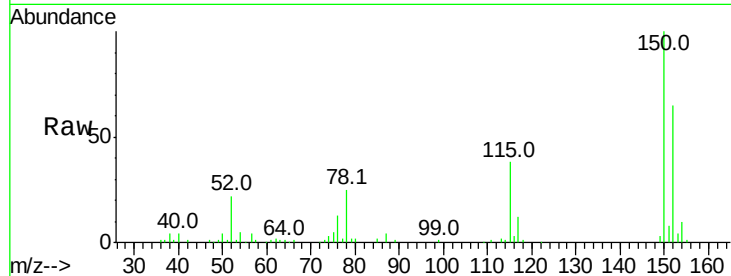


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	58.6	50.1	75.1

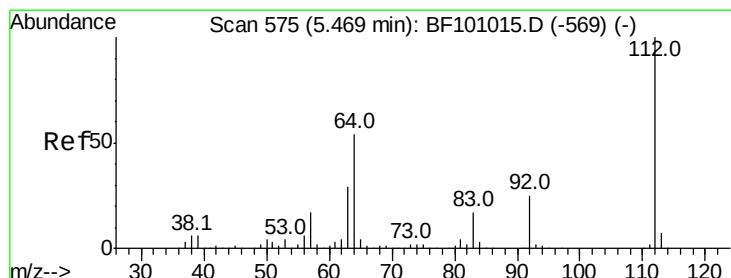
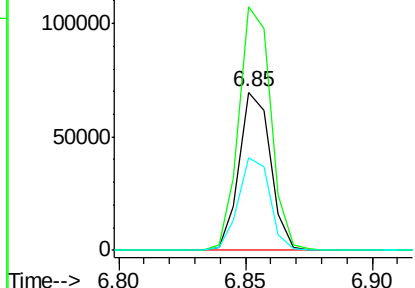
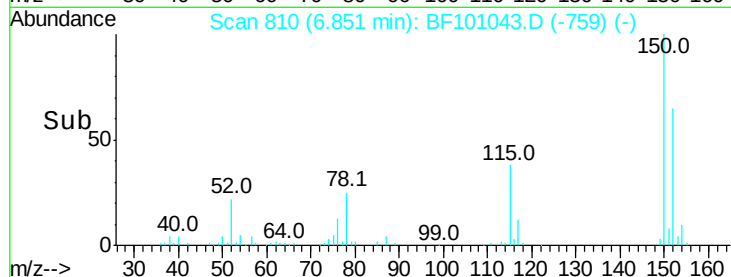


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

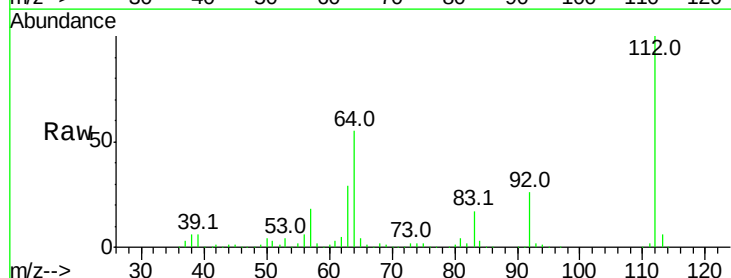
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.735 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	29.1	23.7	35.5

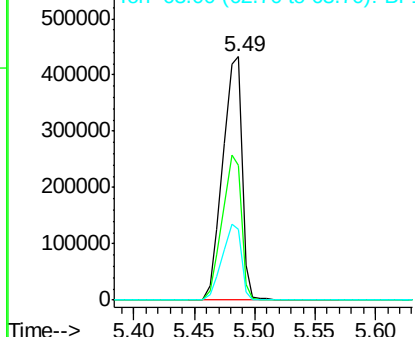
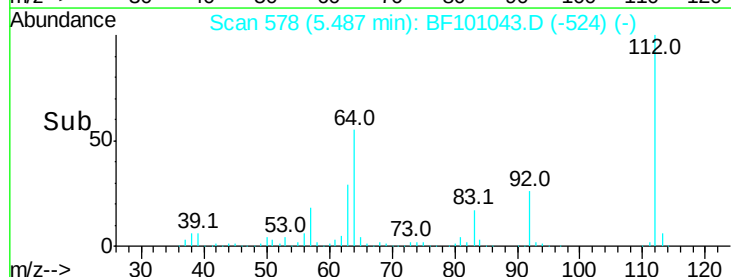


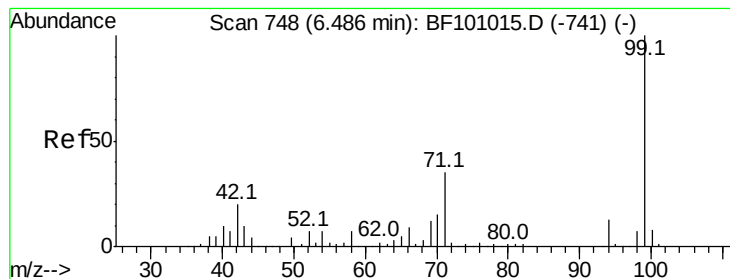
Abundance

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: 131.380 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

TP-2

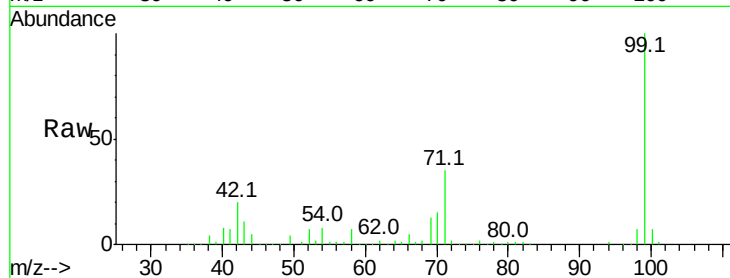
Tot Ion: 99 Resp: 578767

Ion Ratio Lower Upper

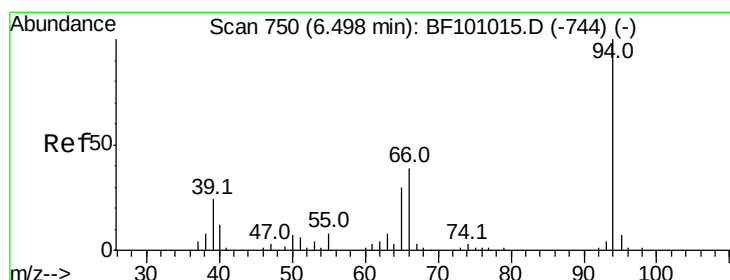
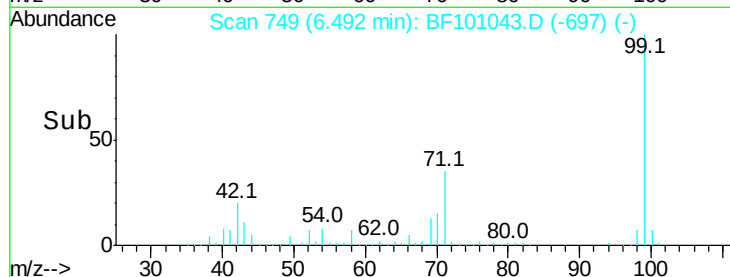
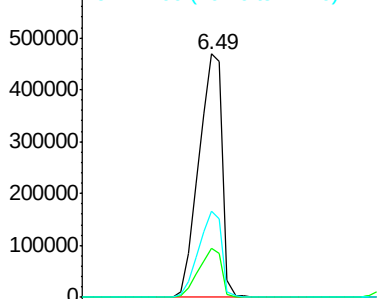
99 100

42 20.3 14.5 21.7

71 35.3 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: 5.113 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

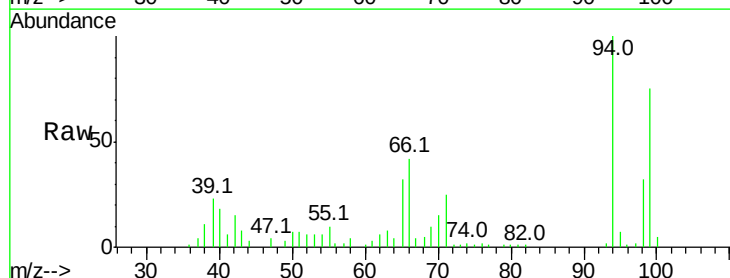
Tgt Ion: 94 Resp: 25047

Ion Ratio Lower Upper

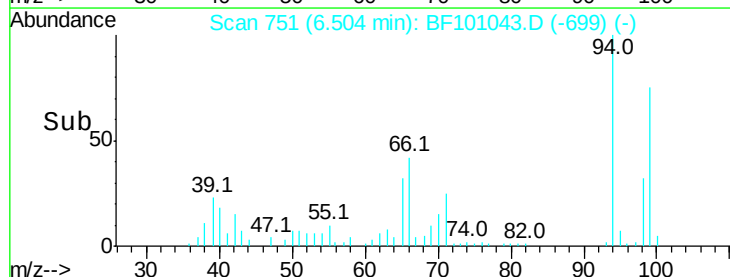
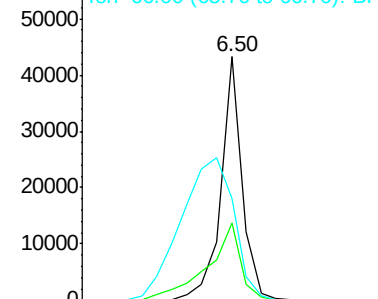
94 100

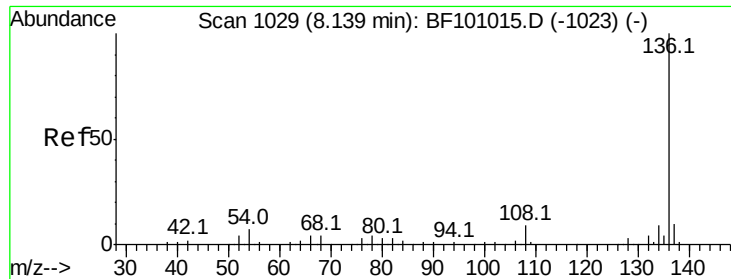
65 31.5 7.9 47.9

66 41.9 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

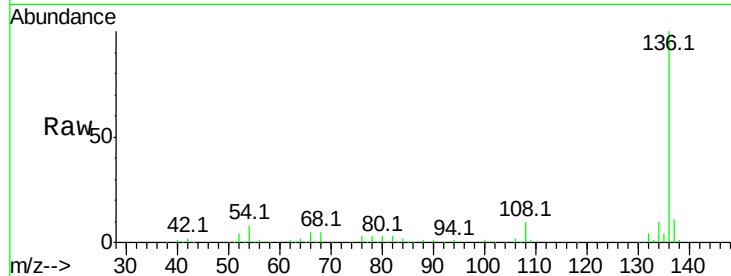




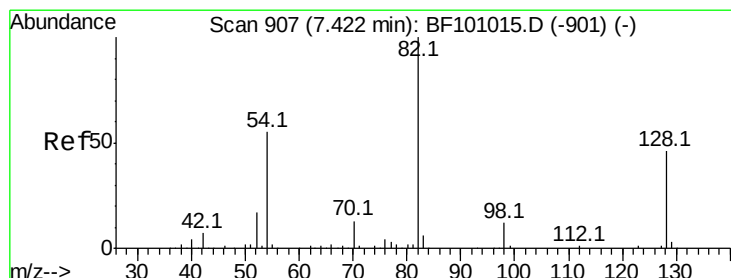
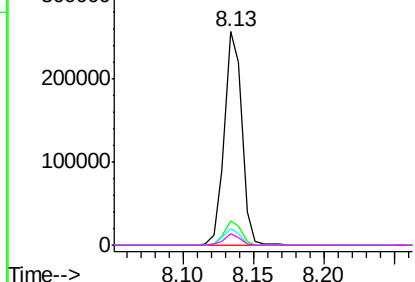
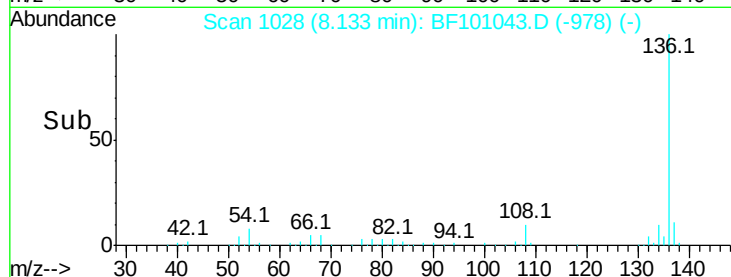
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:	136	Resp:	222570
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.6	9.8
68	5.1	5.0	7.4

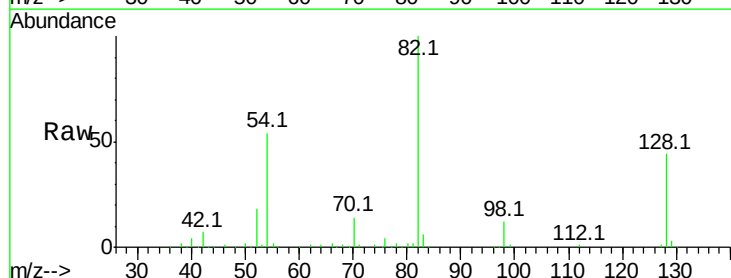


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

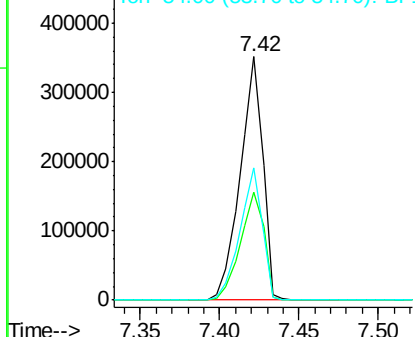
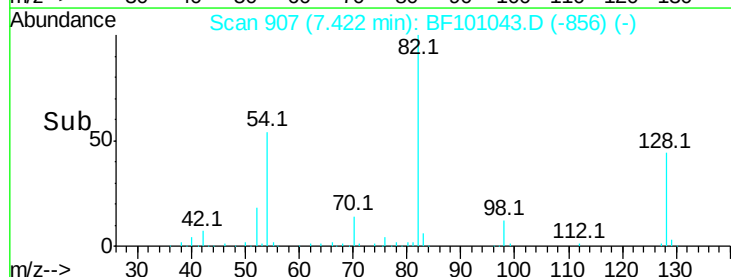


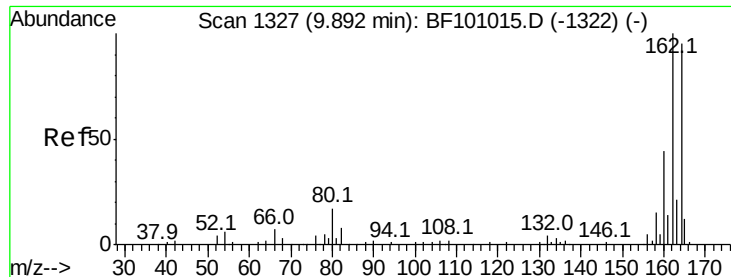
#23
Nitrobenzene-d5
Concen: 92.774 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Tgt Ion:	82	Resp:	346148
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	54.1	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: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

TP-2

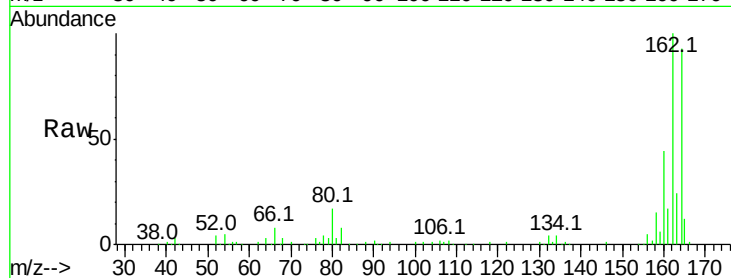
Tot Ion:164 Resp: 91750

Ion Ratio Lower Upper

164 100

162 107.6 86.1 129.1

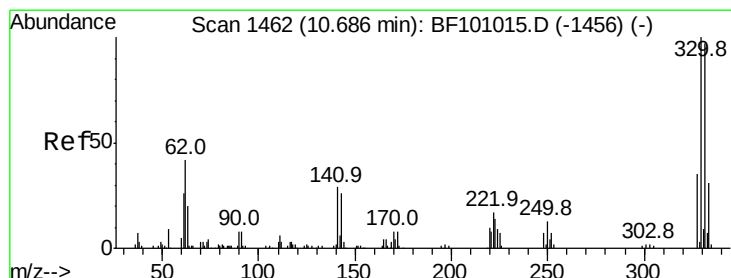
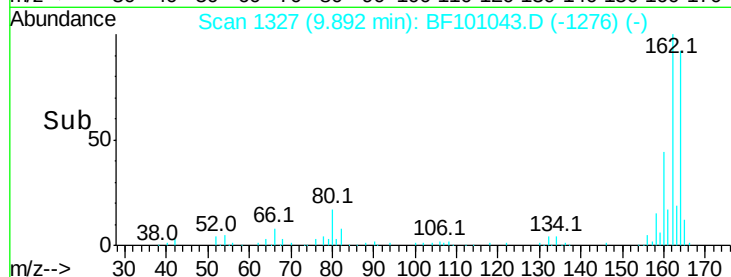
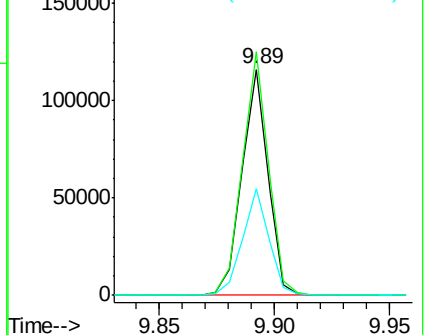
160 47.1 38.3 57.5



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: 107.176 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

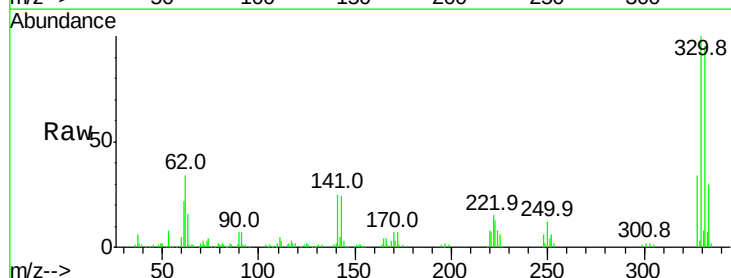
Tgt Ion:330 Resp: 118127

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

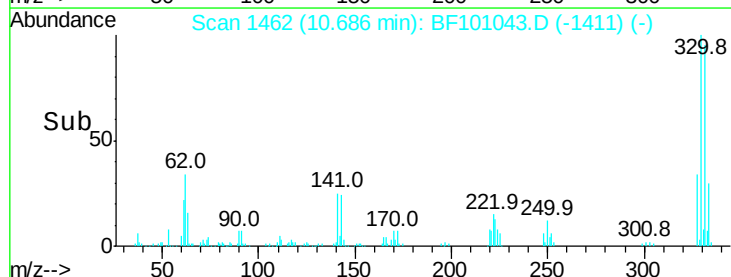
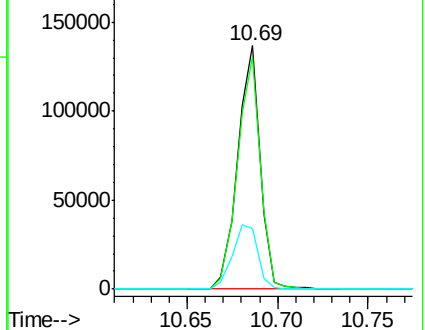
141 30.1 29.9 44.9

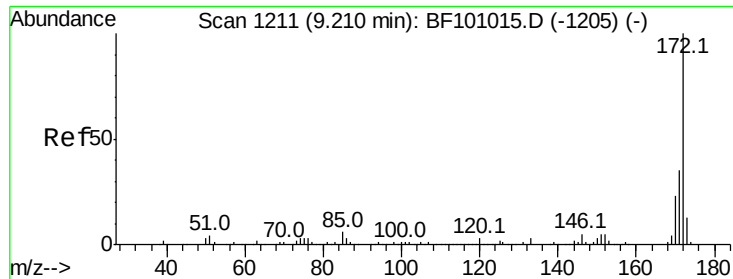


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

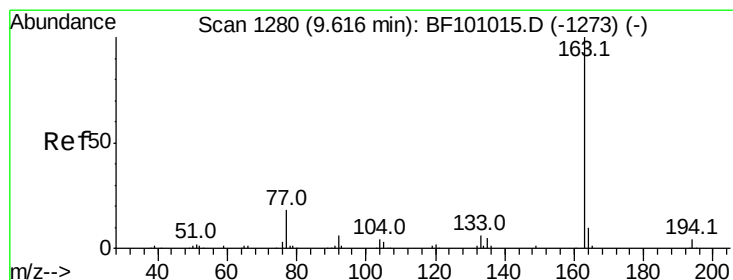
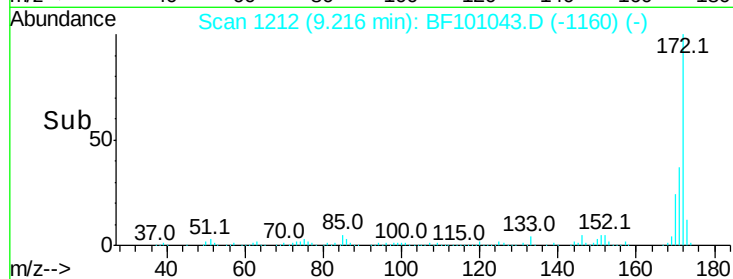
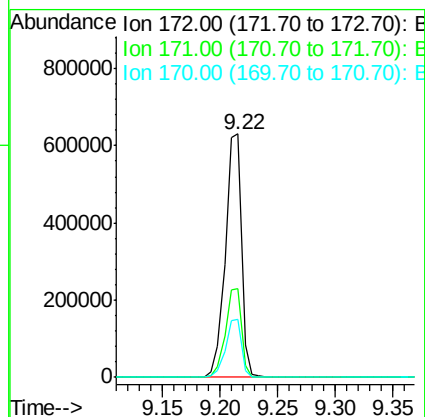
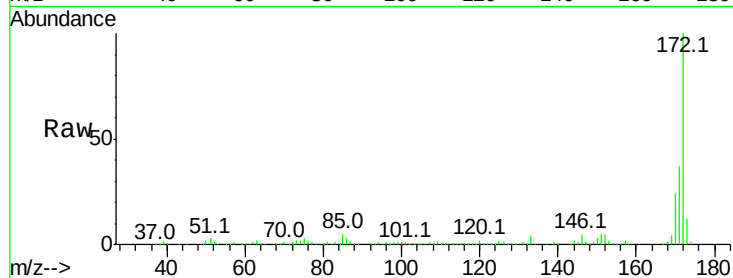




#44
2-Fluorobiphenyl
Concen: 91.683 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

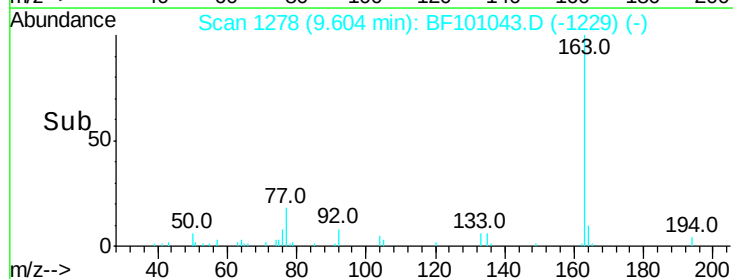
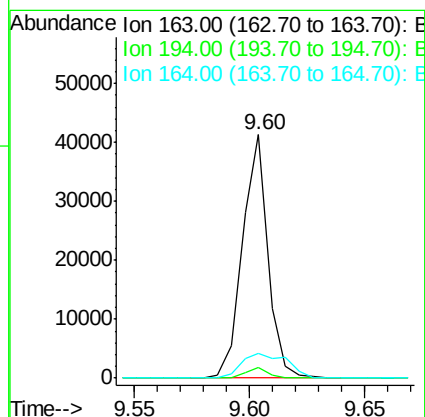
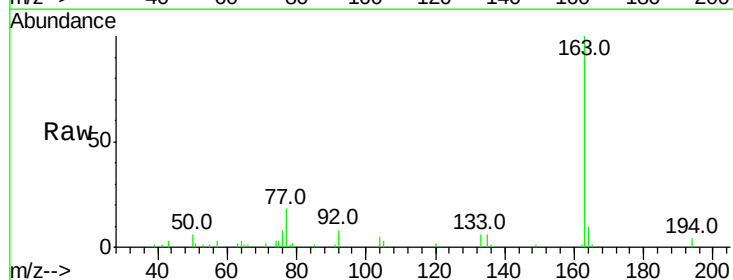
Instrument :
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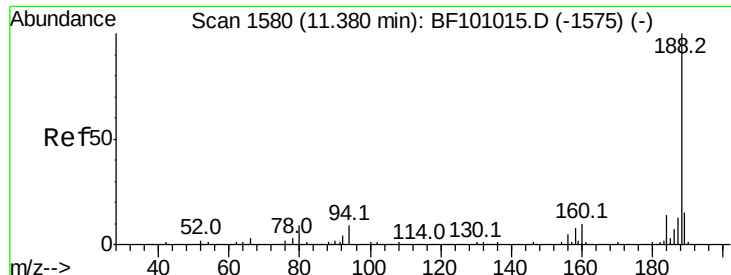
Tot Ion:172 Resp: 614815
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 4.313 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Tgt Ion:163 Resp: 31911
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 8.2 12.2

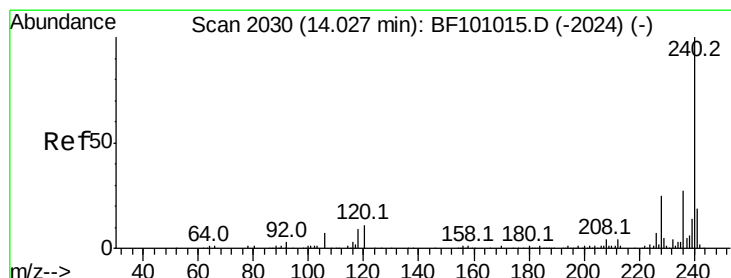
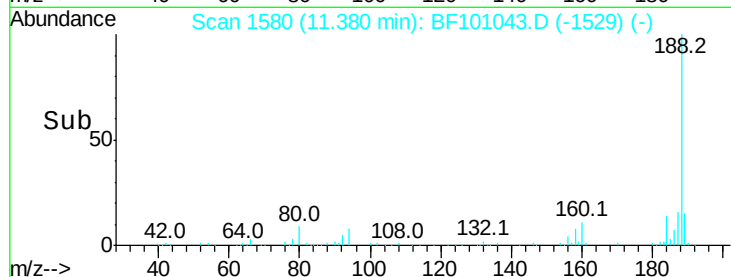
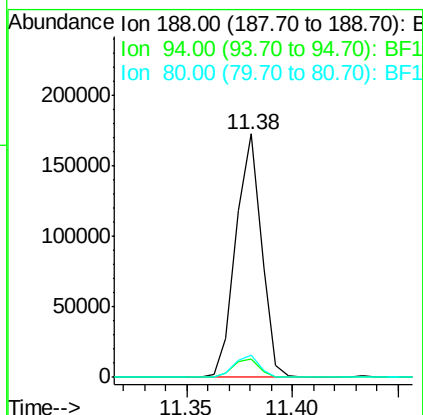
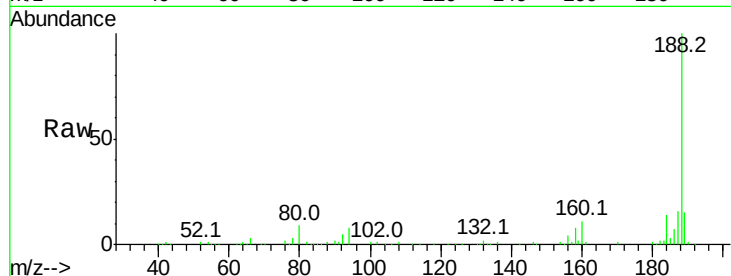




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

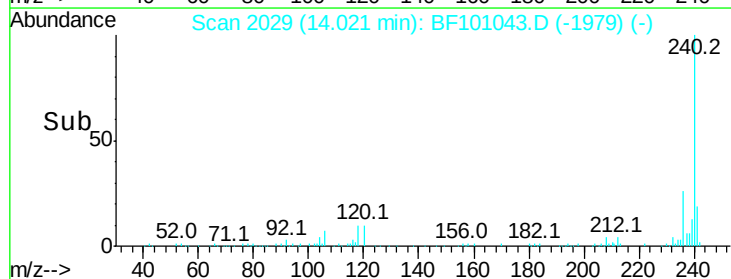
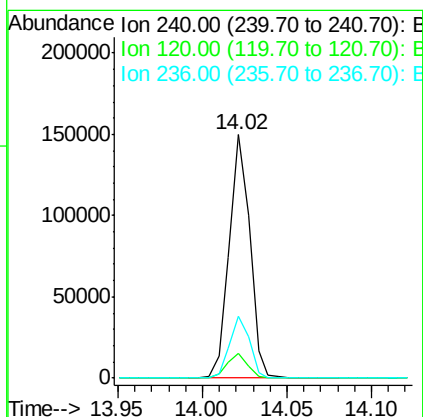
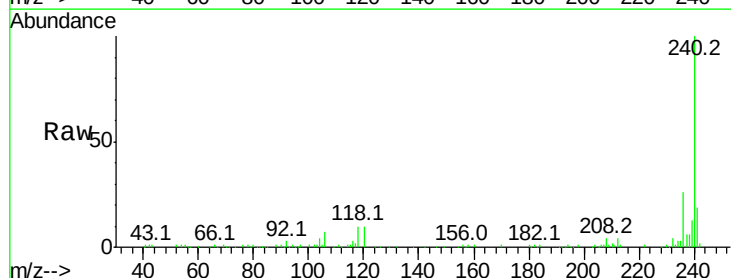
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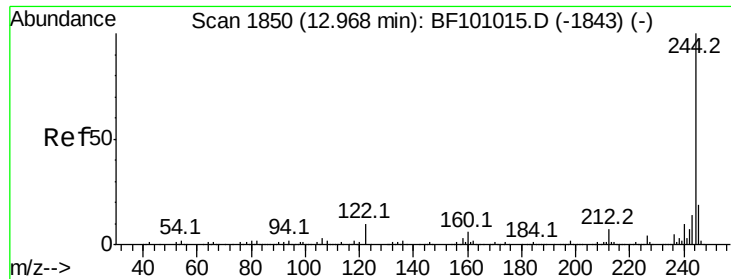
Tot Ion:188 Resp: 144632
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 8.9 9.2 13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

Tgt Ion:240 Resp: 127139
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 25.6 20.7 31.1

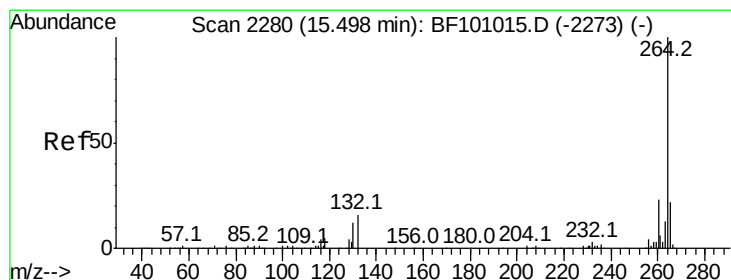
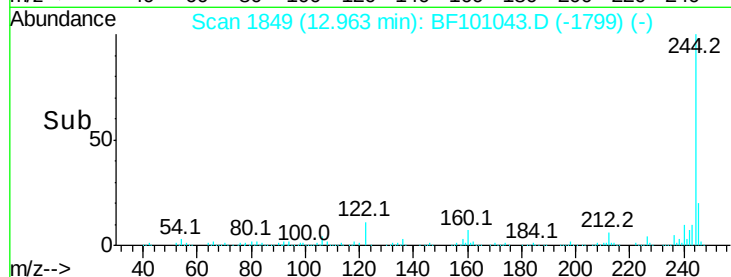
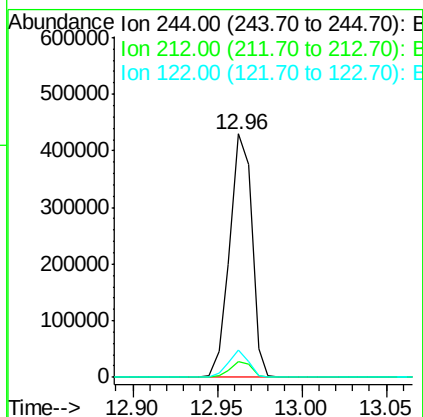
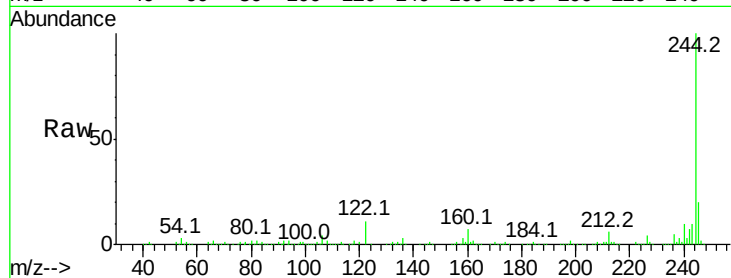




#78
 Terphenyl-d14
 Concen: 67.472 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:244 Resp: 392194
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

Tgt Ion:264 Resp: 95851
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.9 17.5 26.3

