

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100802.D
 Acq On : 22 Nov 2017 1:59
 Operator : SJ/JU
 Sample : I6466-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-4-E(7-8)

Quant Time: Nov 22 07:18:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

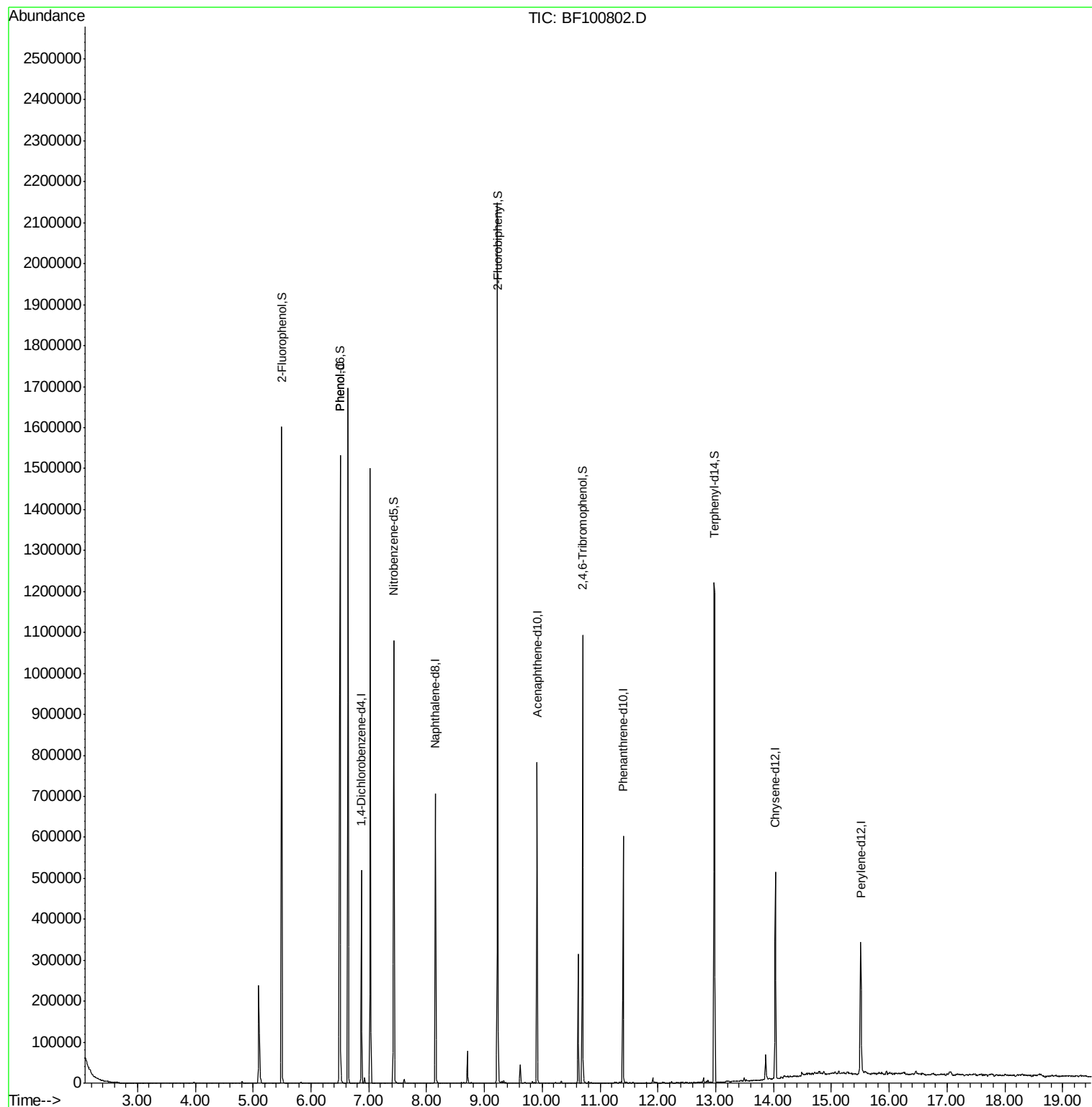
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84223	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	327688	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	143176	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	236155	20.00	ng	0.00
75) Chrysene-d12	14.03	240	162809	20.00	ng	-0.01
86) Perylene-d12	15.51	264	153107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	489084	93.09	ng	0.00
7) Phenol-d6	6.50	99	597885	92.28	ng	0.00
23) Nitrobenzene-d5	7.43	82	358773	72.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	131185	89.92	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	674582	71.74	ng	-0.01
78) Terphenyl-d14	12.98	244	426204	60.15	ng	0.00
Target Compounds						
10) Phenol	6.51	94	31015	4.560	ng	Qvalue 94

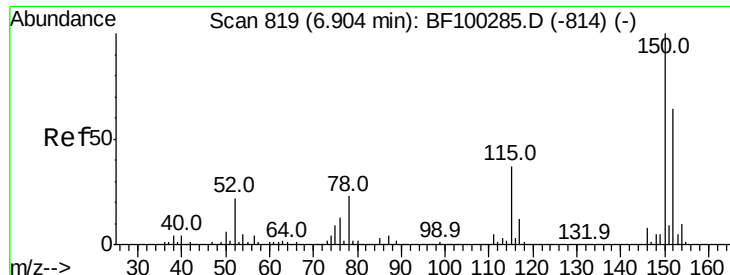
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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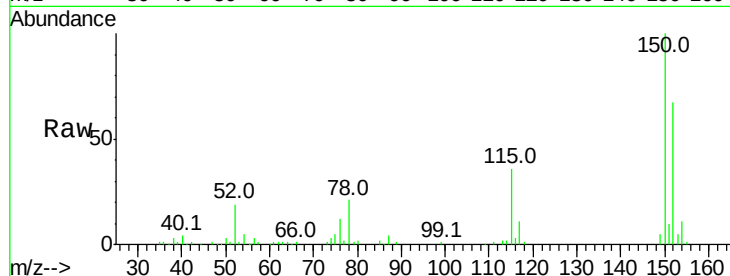


#1

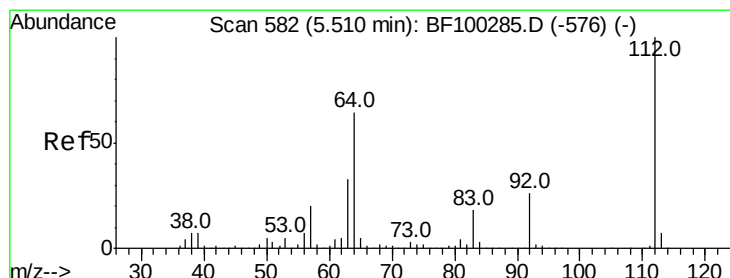
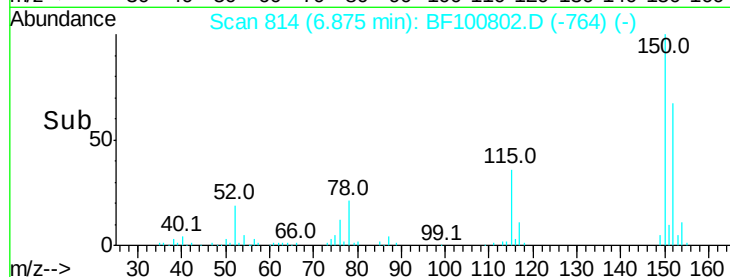
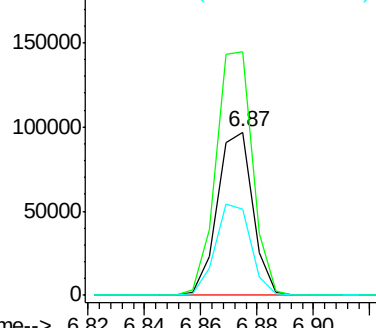
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100802.D
 Acq: 22 Nov 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-4-E(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	124.6	186.8
115	53.1	50.1	75.1



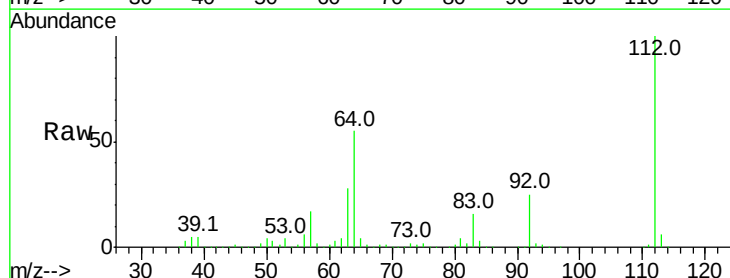
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



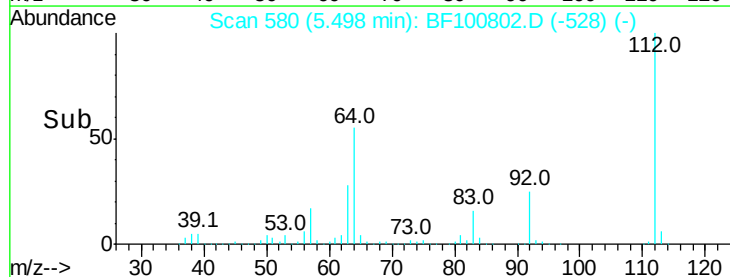
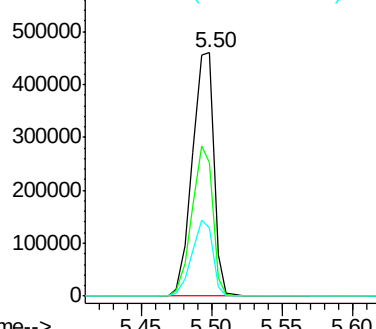
#5

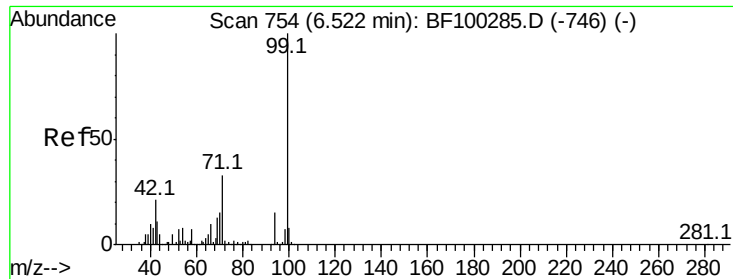
2-Fluorophenol
 Concen: 93.086 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF100802.D
 Acq: 22 Nov 2017 1:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	28.2	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: 92.280 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100802.D

Acq: 22 Nov 2017 1:59

Instrument :

BNA_F

ClientSampleId :

CHAP-4-E(7-8)

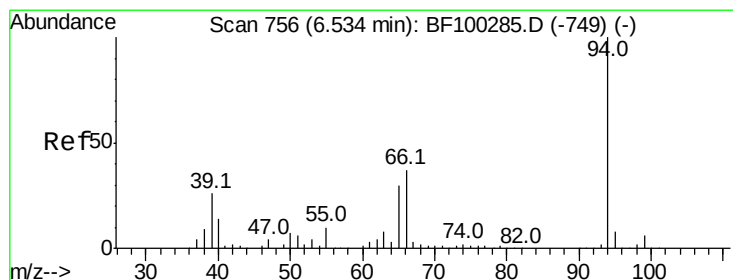
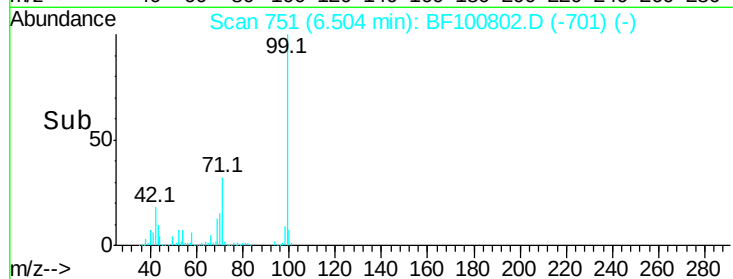
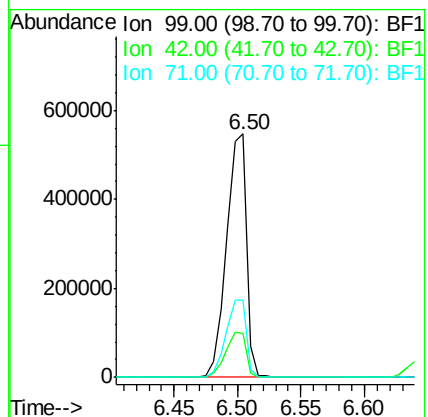
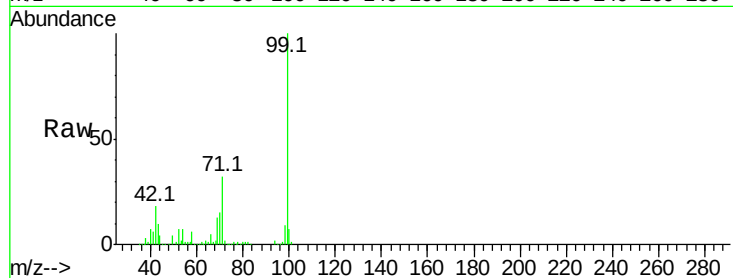
Tot Ion: 99 Resp: 597885

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 31.9 25.4 38.0



#10

Phenol

Concen: 4.560 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100802.D

Acq: 22 Nov 2017 1:59

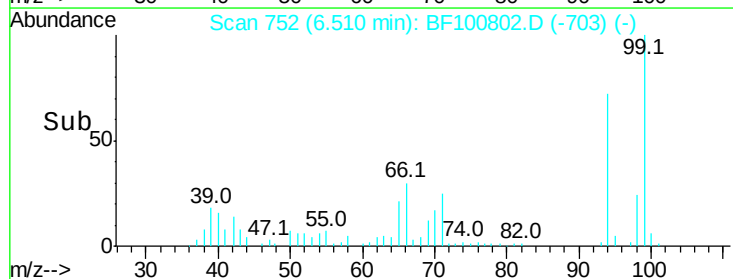
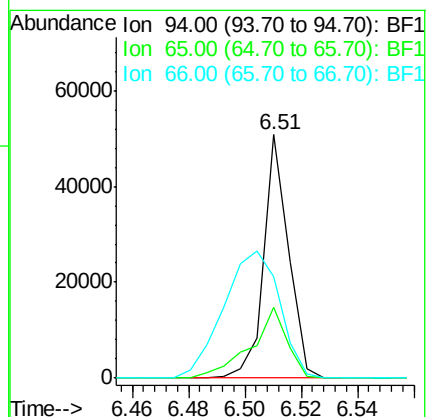
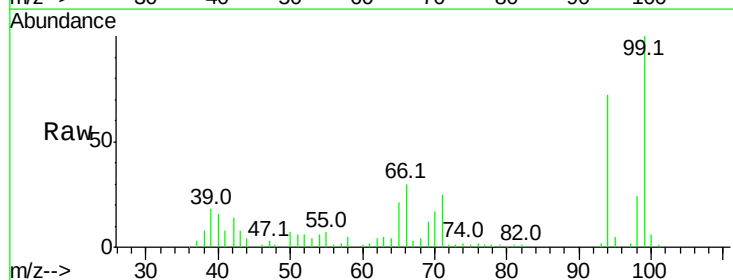
Tgt Ion: 94 Resp: 31015

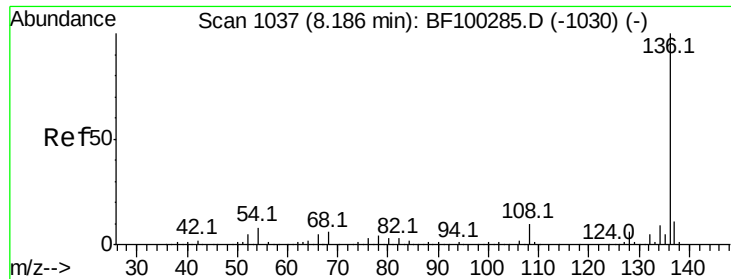
Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

66 41.7 16.2 56.2

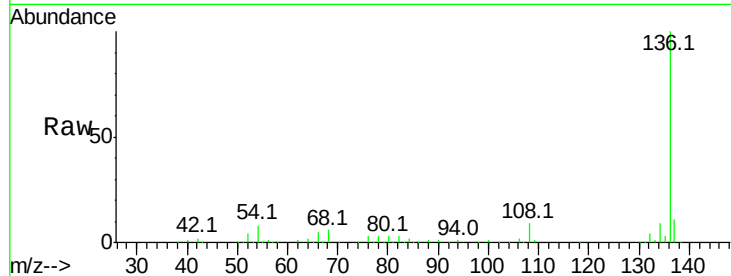




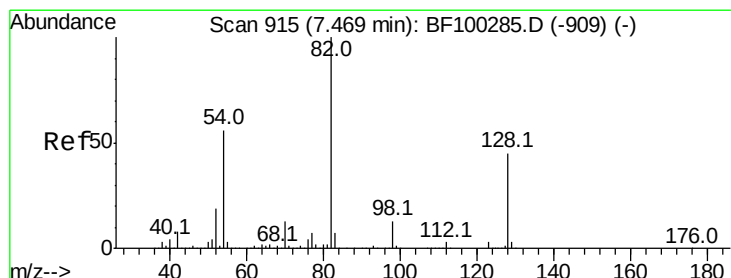
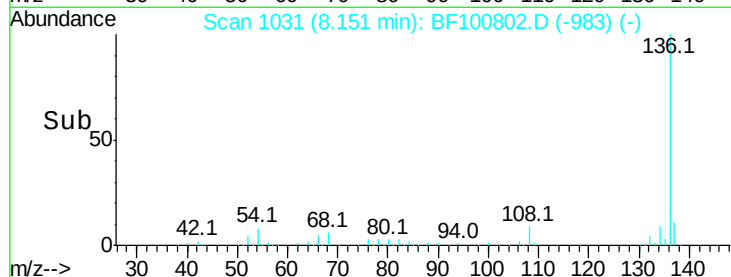
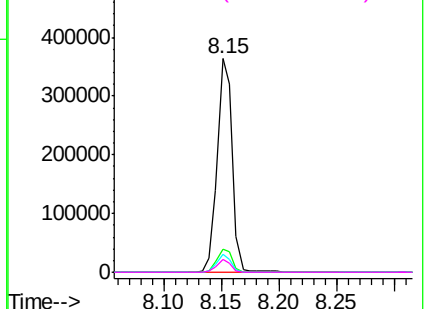
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100802.D
Acq: 22 Nov 2017 1:59

Instrument :
BNA_F
ClientSampleId :
CHAP-4-E(7-8)

Tot Ion:	136	Resp:	327688
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	6.6	9.8
68	6.1	5.0	7.4

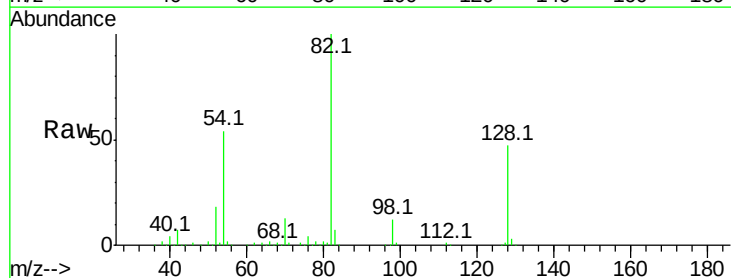


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

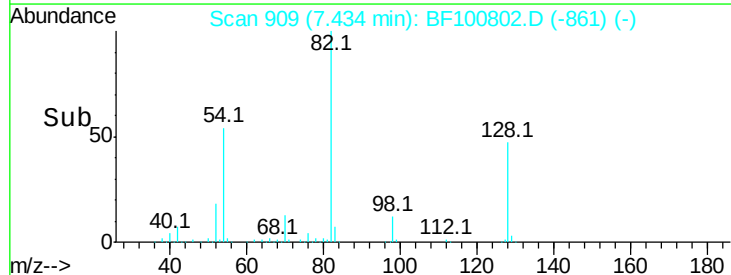
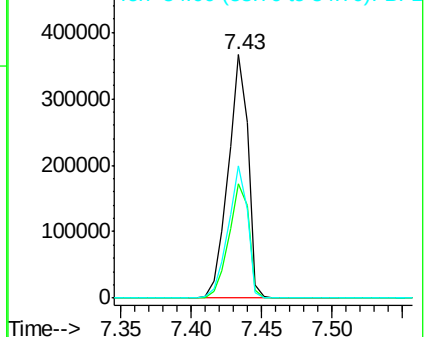


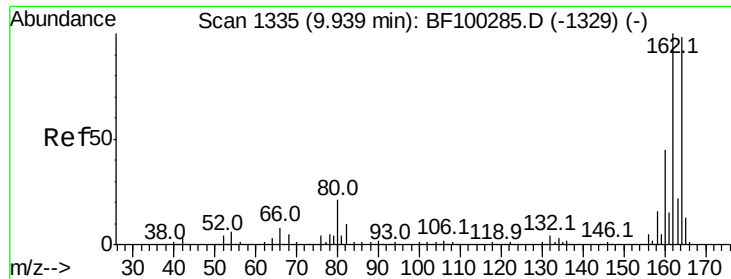
#23
Nitrobenzene-d5
Concen: 72.385 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100802.D
Acq: 22 Nov 2017 1:59

Tgt Ion:	82	Resp:	358773
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	54.2	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

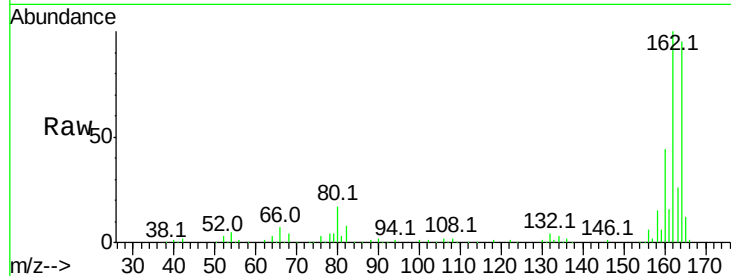




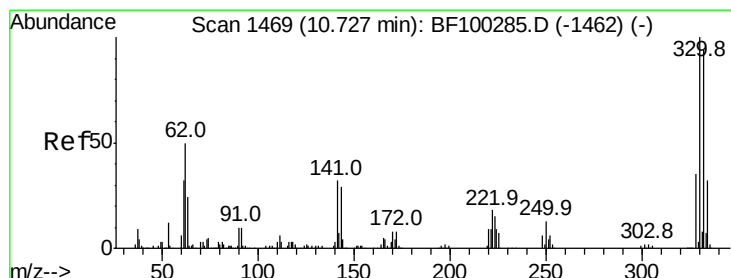
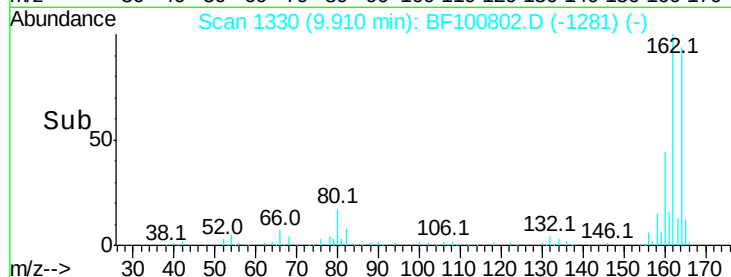
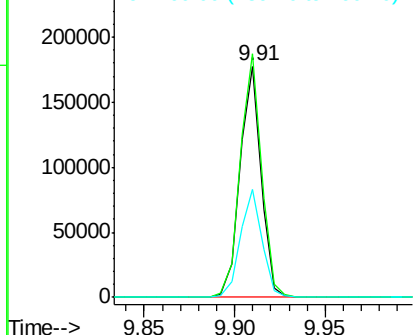
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100802.D
Acq: 22 Nov 2017 1:59

Instrument :
BNA_F
ClientSampleId :
CHAP-4-E(7-8)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.7	38.3	57.5

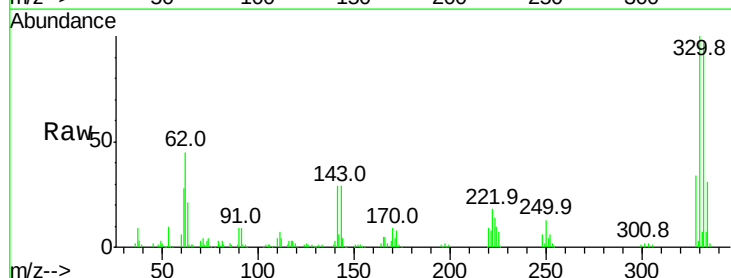


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

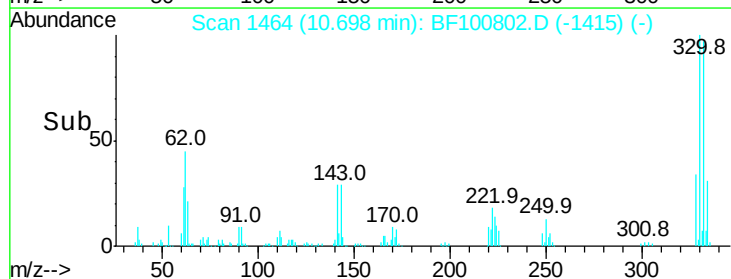
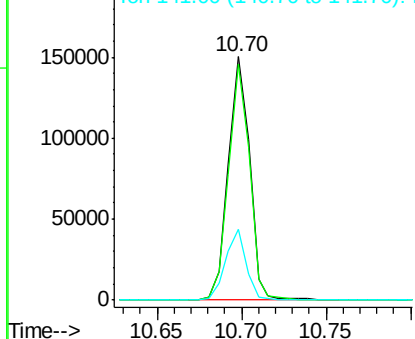


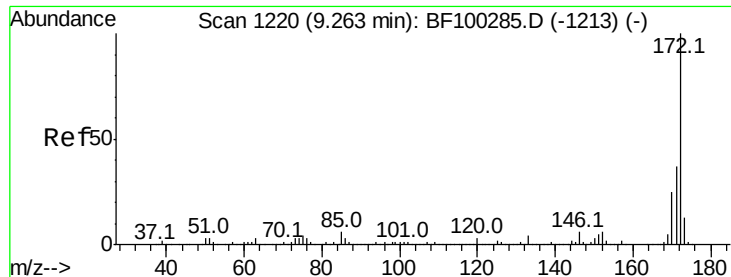
#41
2,4,6-Tribromophenol
Concen: 89.917 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100802.D
Acq: 22 Nov 2017 1:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.2	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

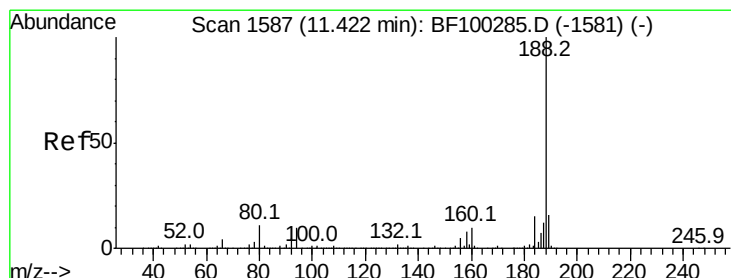
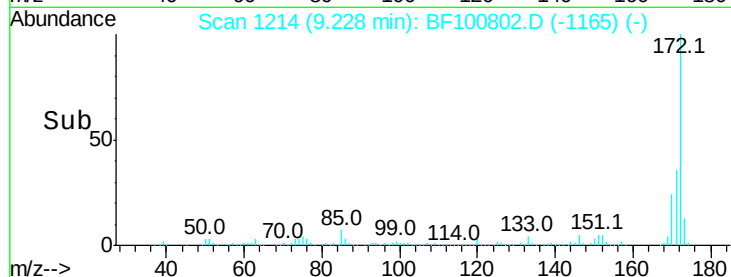
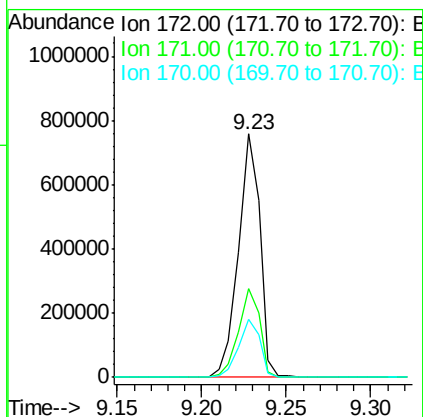
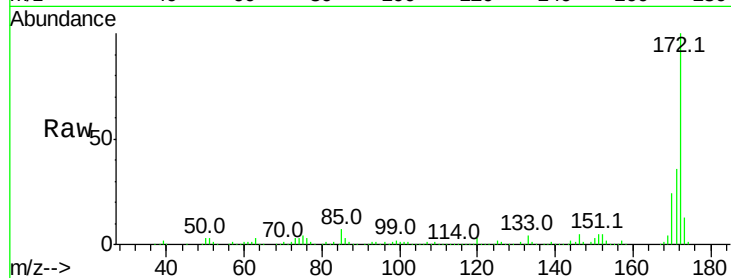




#44
 2-Fluorobiphenyl
 Concen: 71.743 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100802.D
 Acq: 22 Nov 2017 1:59

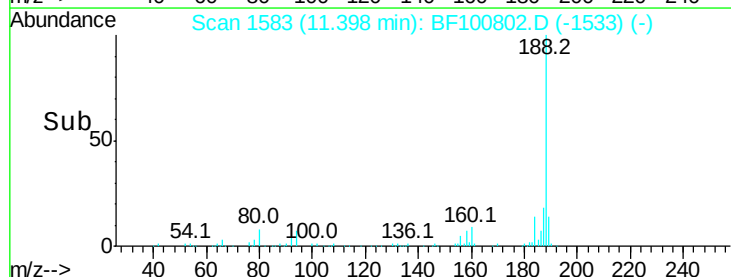
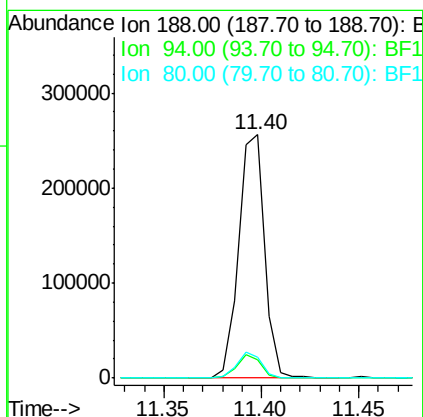
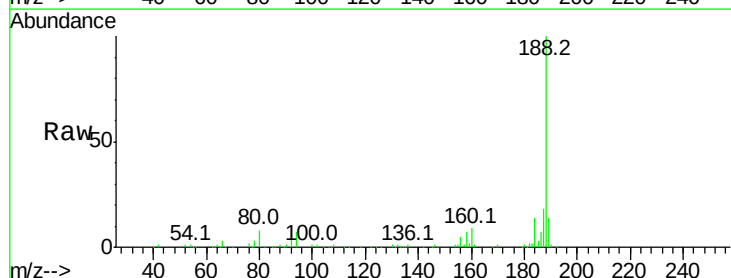
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 CHAP-4-E(7-8)

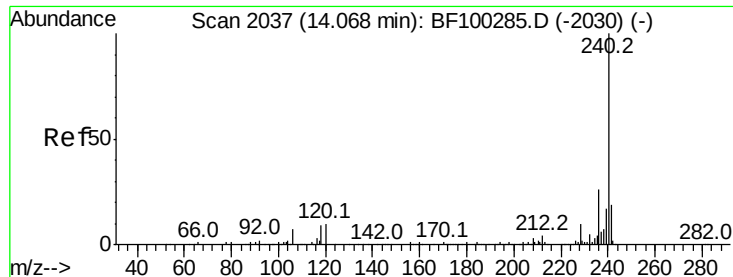
Tot Ion:172 Resp: 674582
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.9 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF100802.D
 Acq: 22 Nov 2017 1:59

Tgt Ion:188 Resp: 236155
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.5 12.7#
 80 8.4 9.2 13.8#

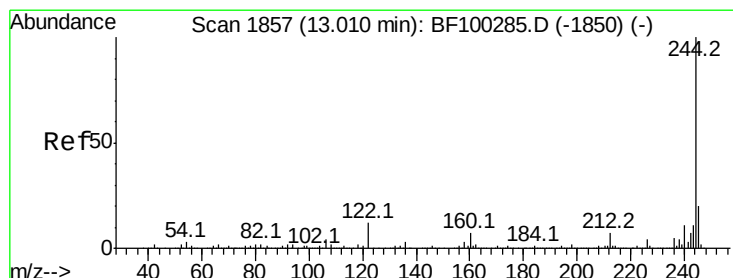
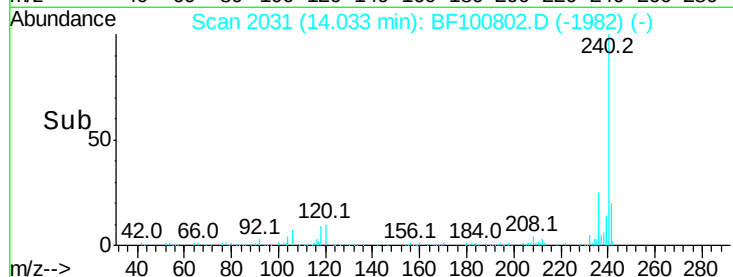
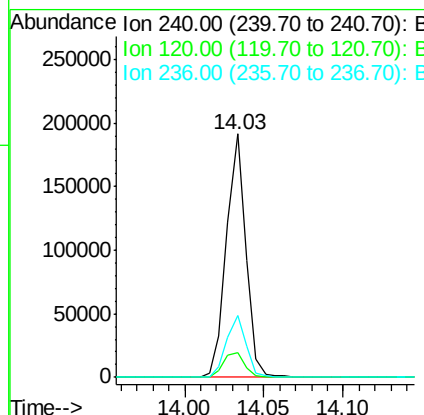
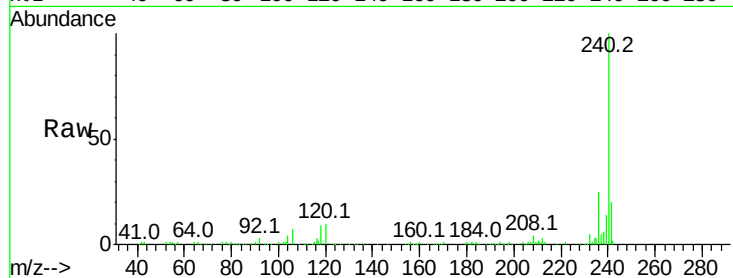




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100802.D
 Acq: 22 Nov 2017 1:59

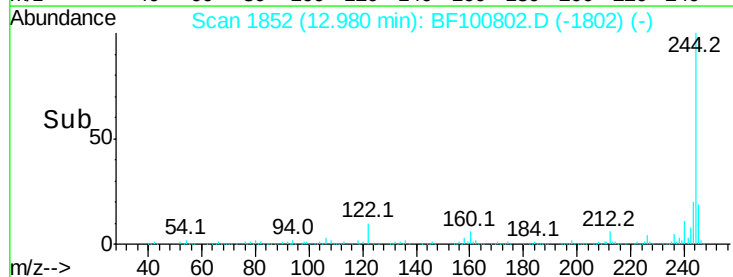
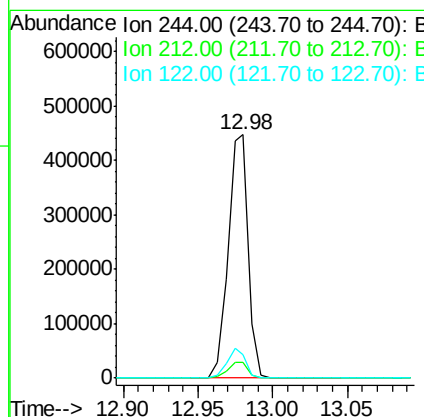
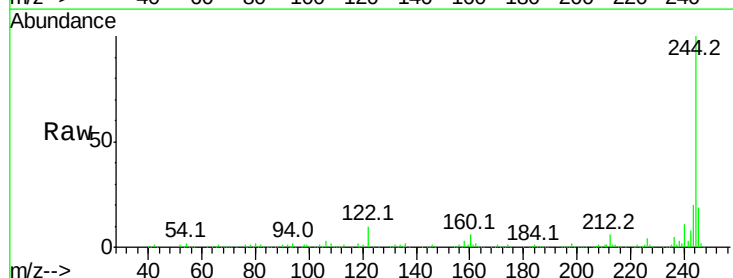
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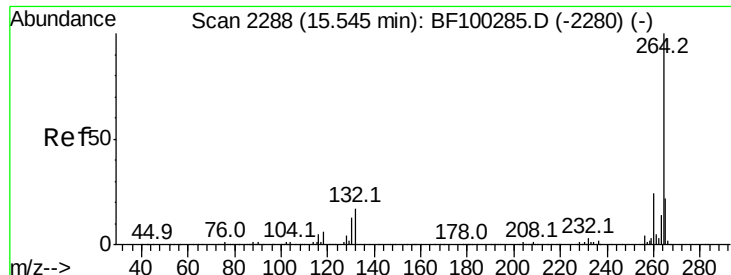
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.4	20.7	31.1



#78
 Terphenyl-d14
 Concen: 60.150 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100802.D
 Acq: 22 Nov 2017 1:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.5	11.0	16.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100802.D
 Acq: 22 Nov 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-4-E(7-8)

Tot Ion:264 Resp: 153107
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.4 17.5 26.3

