

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100783.D
 Acq On : 21 Nov 2017 16:32
 Operator : SJ/JU
 Sample : I6340-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-5B

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:15 PM

Quant Time: Nov 22 06:06:40 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	90422	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	351794	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	160852	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	283426	20.00	ng	0.00
75) Chrysene-d12	14.04	240	174144	20.00	ng	0.00
86) Perylene-d12	15.52	264	193451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	698113	123.76	ng	0.00
7) Phenol-d6	6.50	99	863627	124.16	ng	0.00
23) Nitrobenzene-d5	7.44	82	510434	95.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	196701	120.01	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	774335	73.30	ng	-0.01
78) Terphenyl-d14	12.98	244	506923	66.88	ng	0.00
Target Compounds						
10) Phenol	6.52	94	16030	2.195	ng	96
49) Dimethylphthalate	9.62	163	248324	20.220	ng	99
70) Phenanthrene	11.42	178	89545	6.001	ng	97
74) Fluoranthene	12.61	202	154018	9.739	ng	95
77) Pyrene	12.84	202	126131	10.161	ng	99
80) Benzo(a)anthracene	14.03	228	49169	4.689	ng	97
82) Chrysene	14.06	228	61423	6.048	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	81818	12.288	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	34068	4.148	ng	# 92
87) Benzo(b)fluoranthene	15.08	252	76422m	6.668	ng	
88) Benzo(k)fluoranthene	15.10	252	22994m	2.123	ng	
89) Benzo(a)pyrene	15.45	252	46156	4.543	ng	# 88
91) Benzo(a,h,i)perylene	17.44	276	36896	4.536	ng	# 95

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

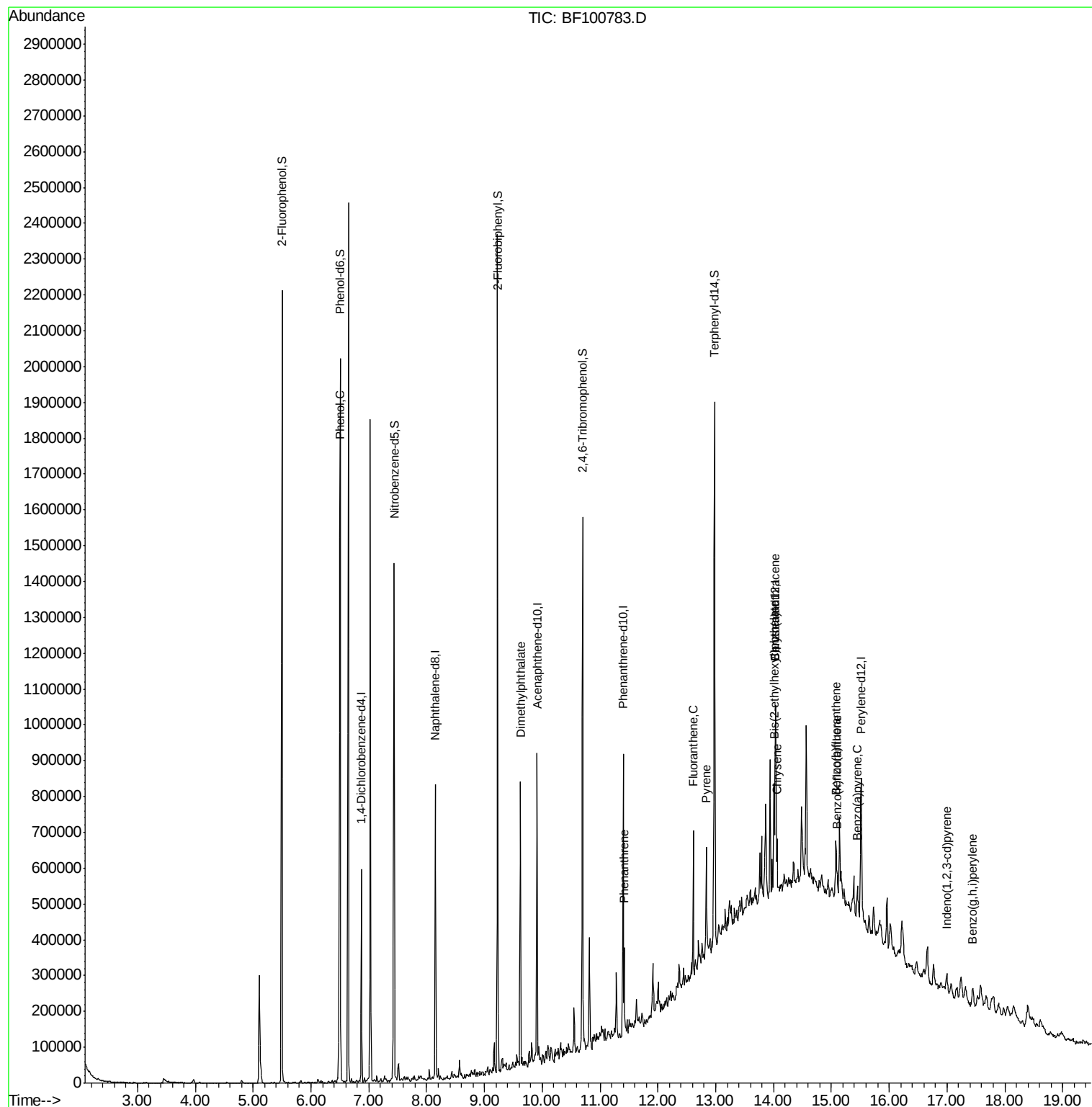
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

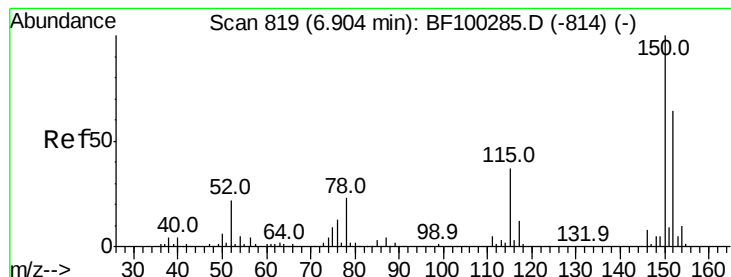
Instrument :
BNA_F
ClientSampled :
HL-5B

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#1

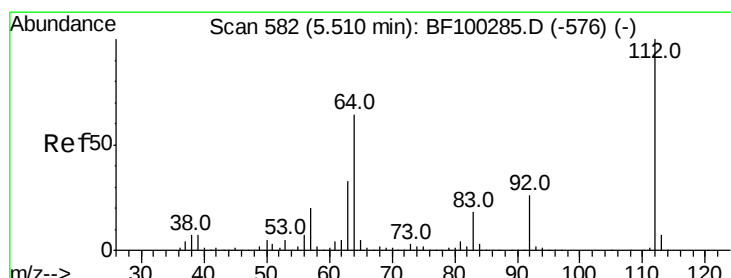
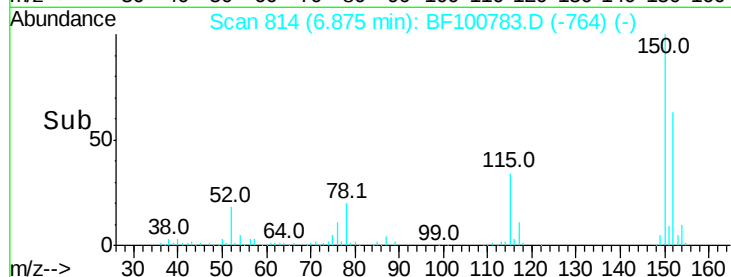
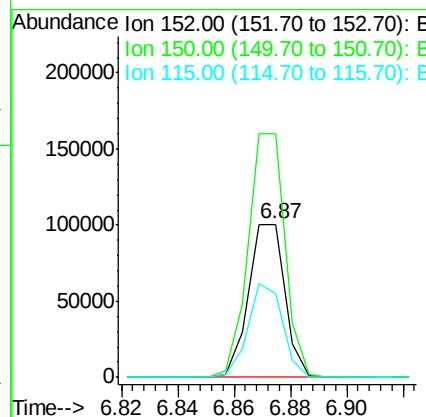
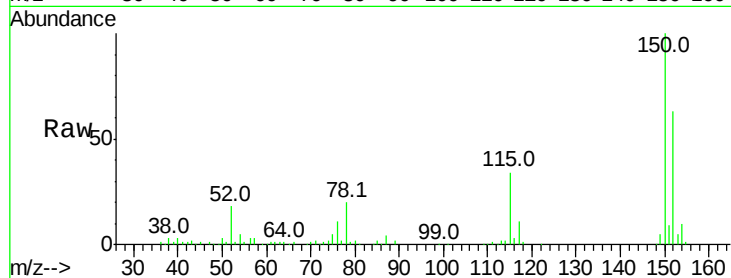
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Instrument :
BNA_F
ClientSampleId :
HL-5B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	54.7	50.1	75.1

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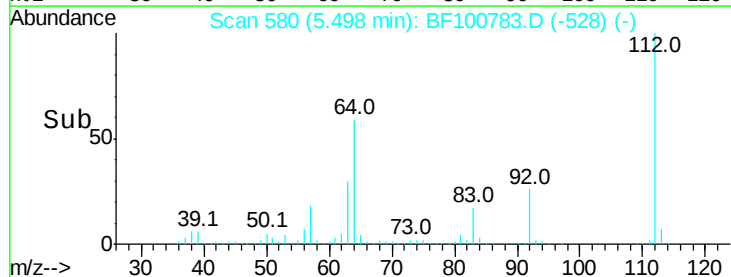
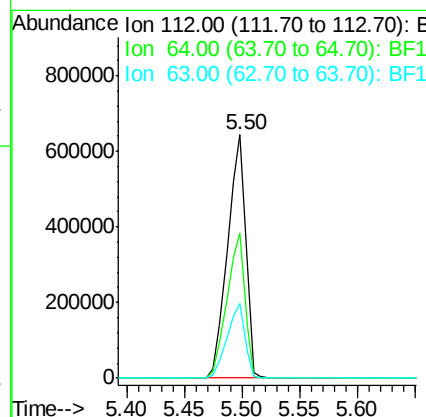
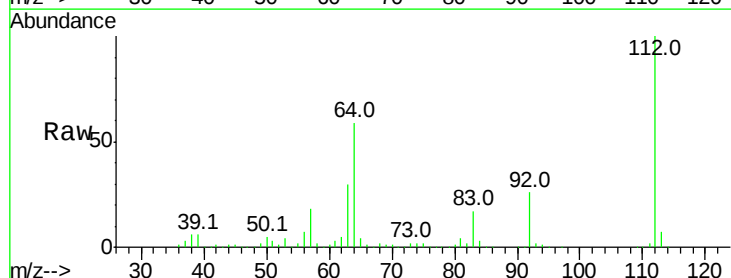
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#5

2-Fluorophenol
Concen: 123.760 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 124.157 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Instrument :

BNA_F

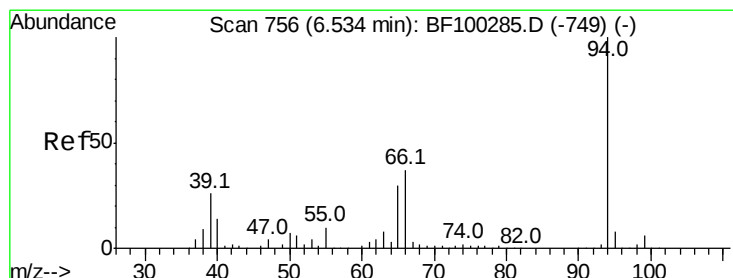
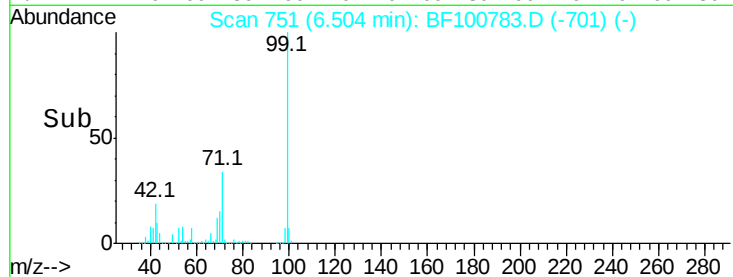
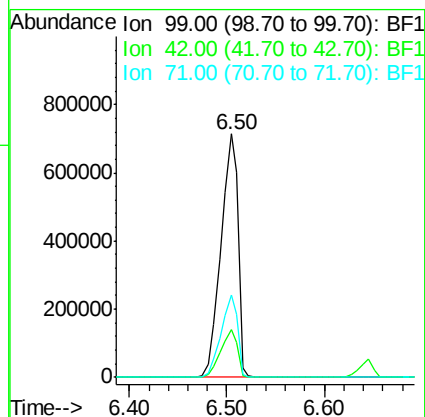
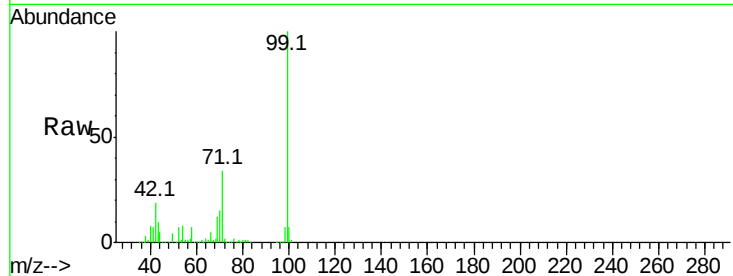
ClientSampled :

HL-5B

Tot Ion:	99	Resp:	863627
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.7	25.4	38.0

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#10

Phenol

Concen: 2.195 ng

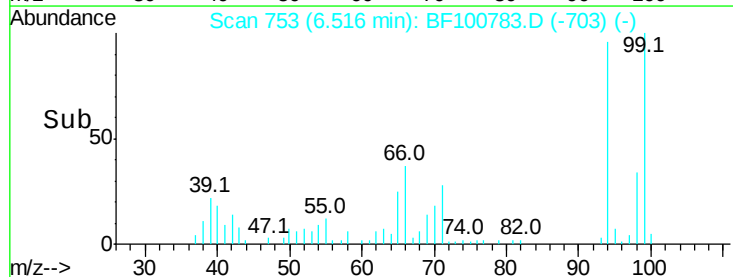
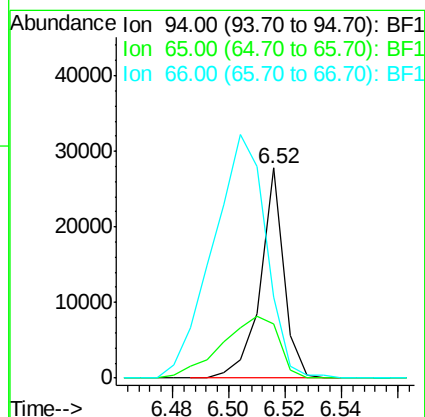
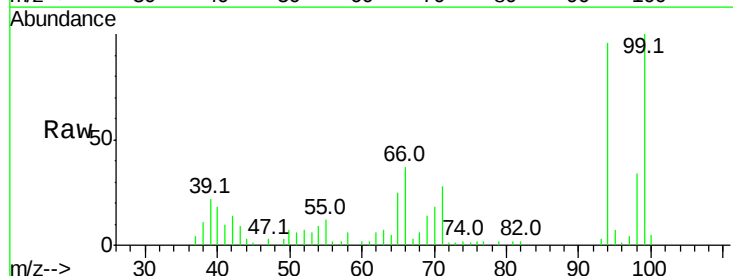
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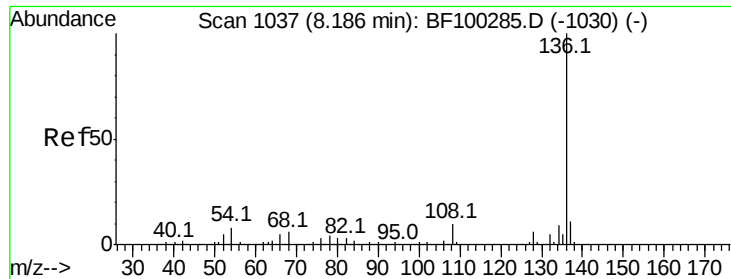
Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Tgt Ion:	94	Resp:	16030
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	38.8	16.2	56.2





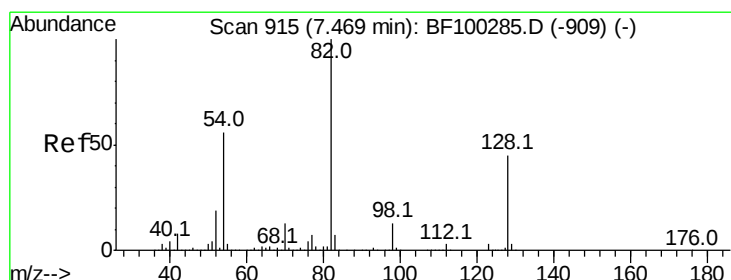
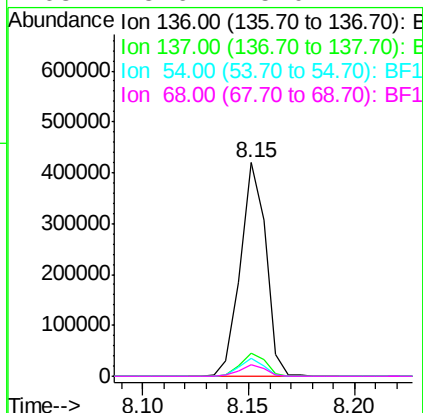
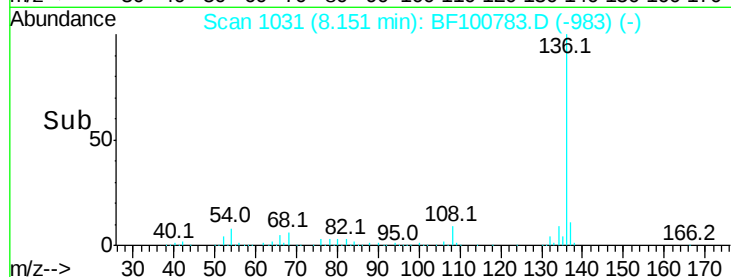
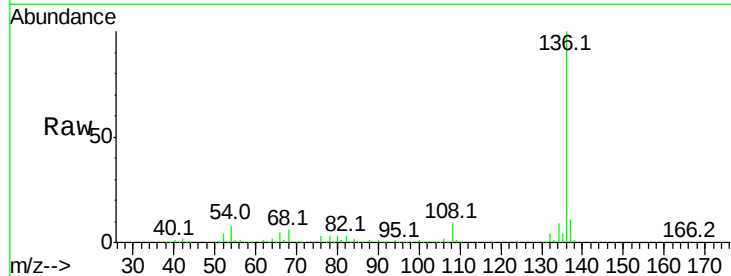
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Instrument :
BNA_F
ClientSampleId :
HL-5B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.9	13.3		
54	8.4	6.6	9.8		
68	5.6	5.0	7.4		

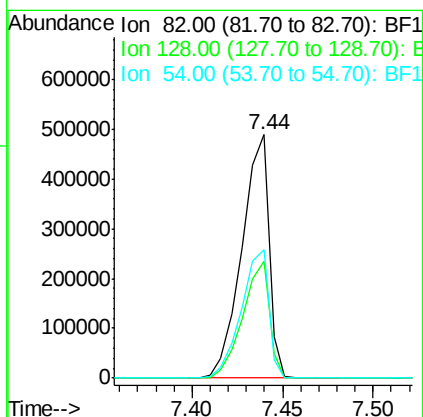
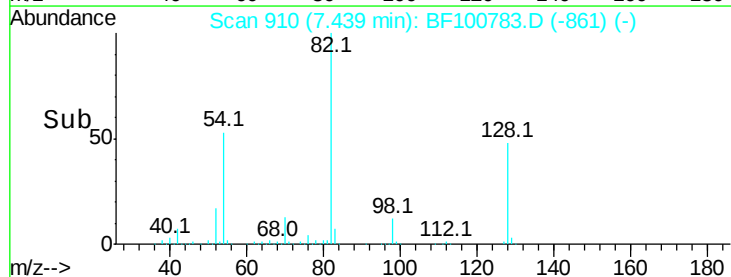
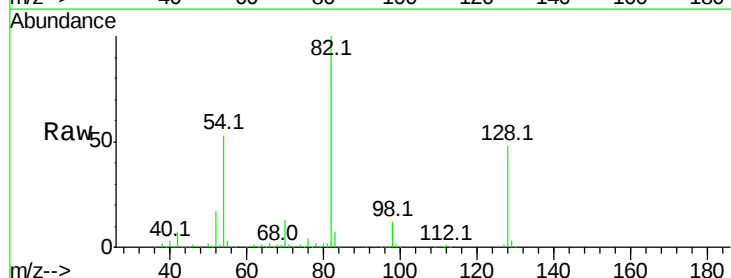
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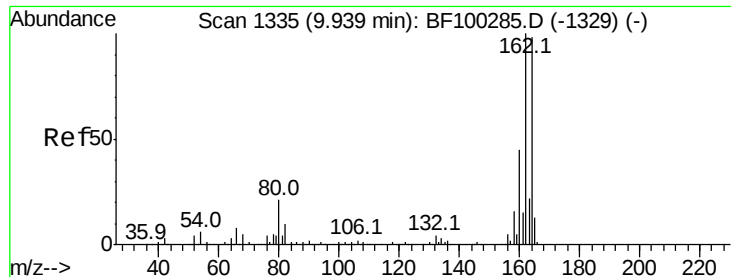
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#23
Nitrobenzene-d5
Concen: 95.927 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	48.1	36.1	54.1		
54	52.9	41.4	62.2		





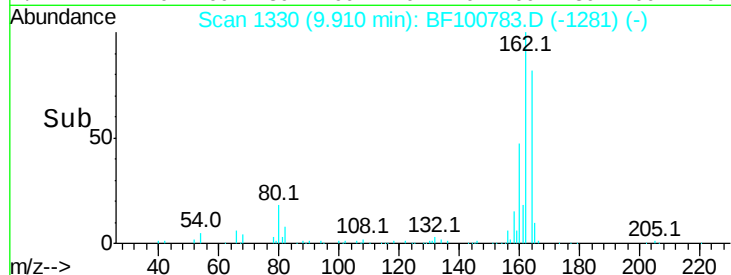
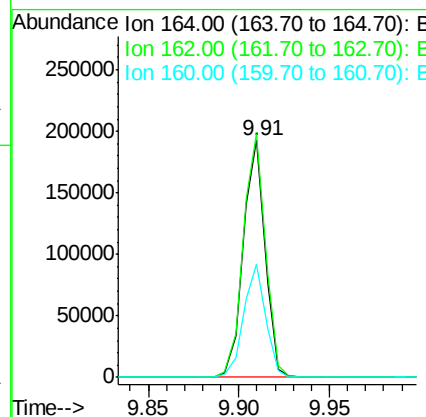
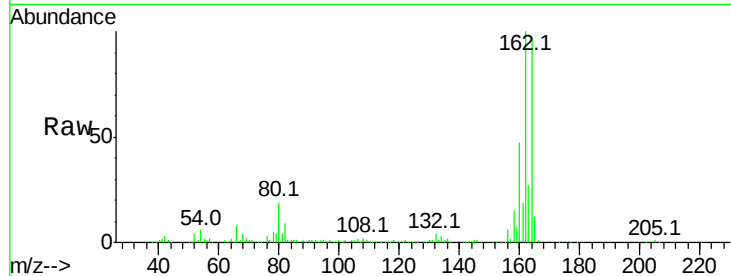
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100783.D
 Acq: 21 Nov 2017 16:32

Instrument :
 BNA_F
 ClientSampled :
 HL-5B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	160852		
162	102.7	86.1	129.1	
160	47.8	38.3	57.5	

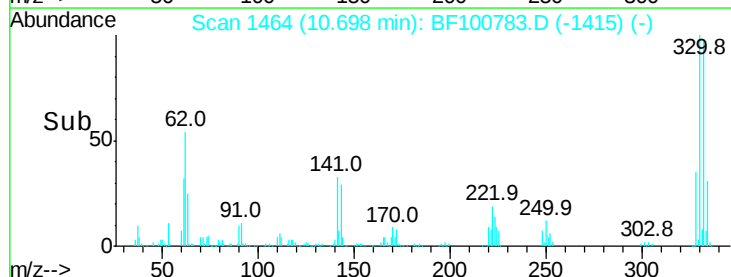
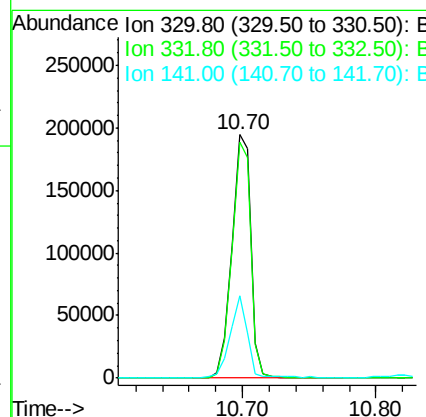
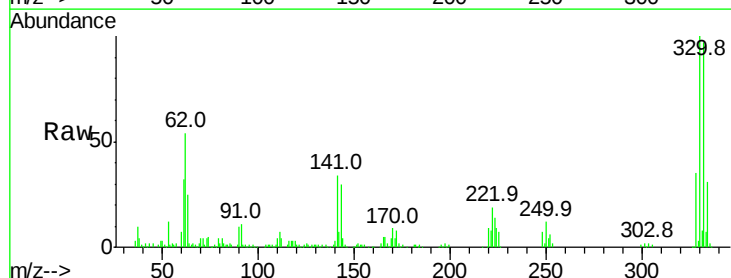
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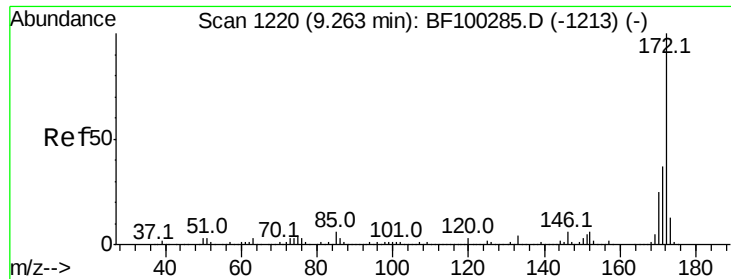
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#41
 2,4,6-Tribromophenol
 Concen: 120.007 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100783.D
 Acq: 21 Nov 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	196701		
332	96.4	77.0	115.6	
141	30.2	29.9	44.9	





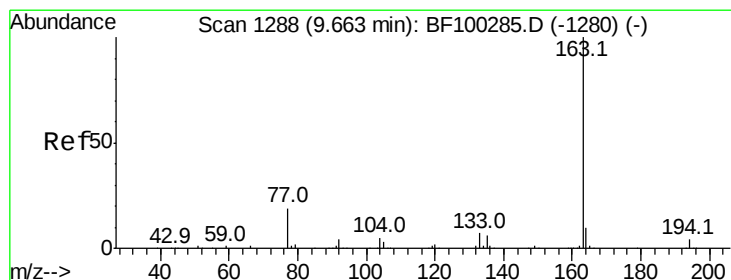
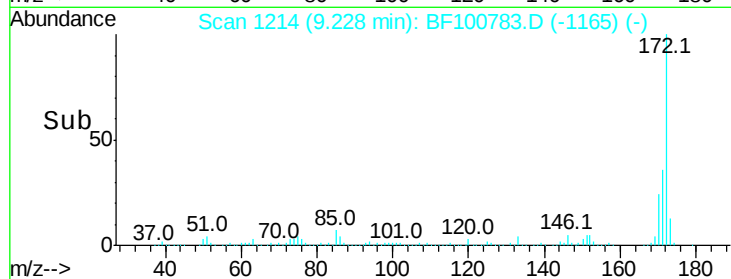
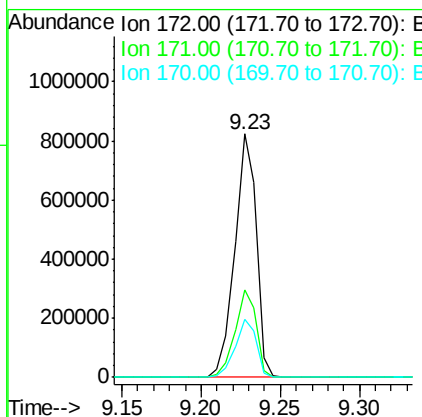
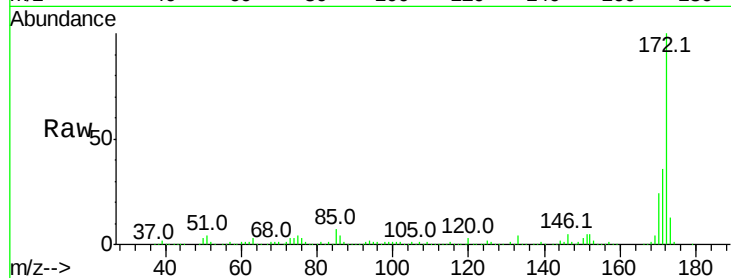
#44
2-Fluorobiphenyl
Concen: 73.303 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Instrument :
BNA_F
ClientSampled :
HL-5B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	774335		
171	35.9		29.7	44.5
170	23.6		19.6	29.4

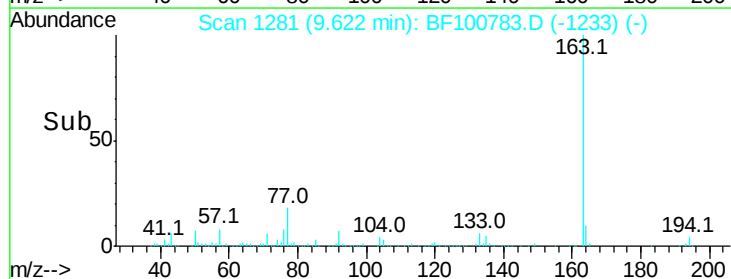
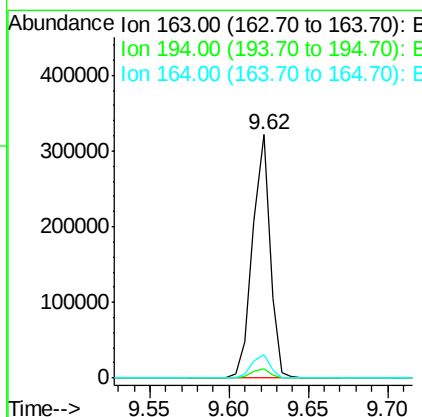
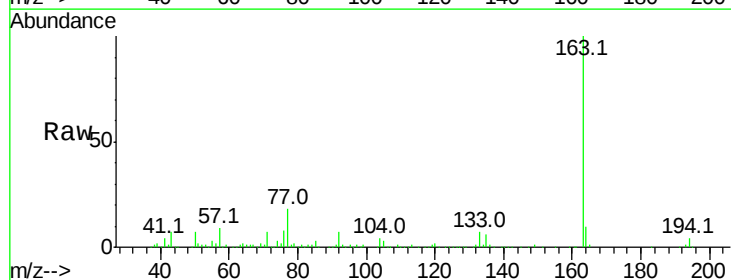
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#49
Dimethylphthalate
Concen: 20.220 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	248324		
194	3.9		2.7	4.1
164	9.7		8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Instrument :

BNA_F

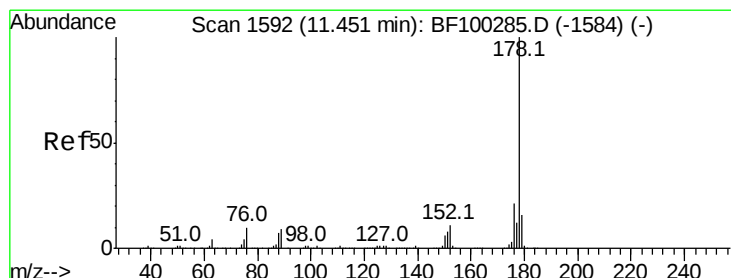
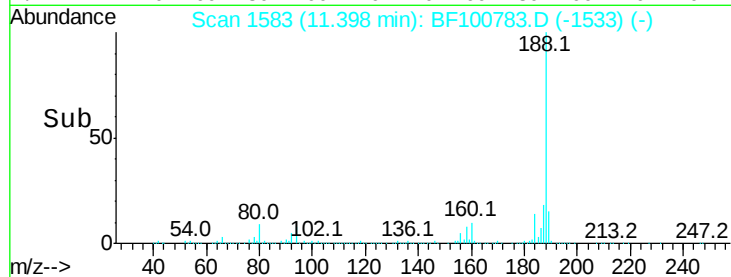
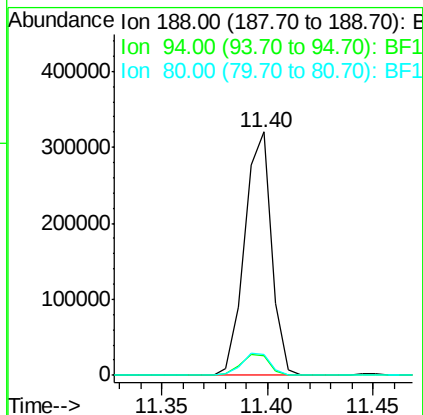
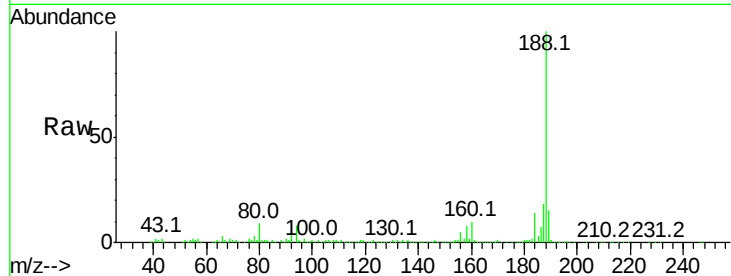
ClientSampled :

HL-5B

Tot Ion:	188	Resp:	283426
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.5	12.7#
80	8.8	9.2	13.8#

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#70

Phenanthrene

Concen: 6.001 ng

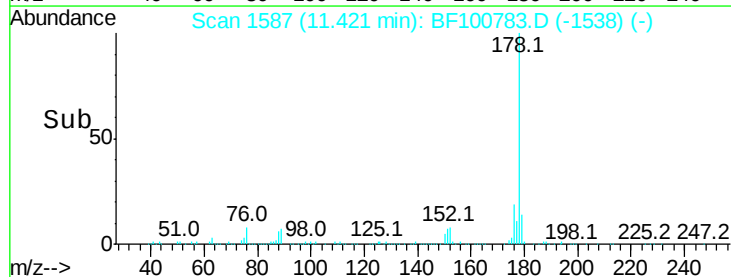
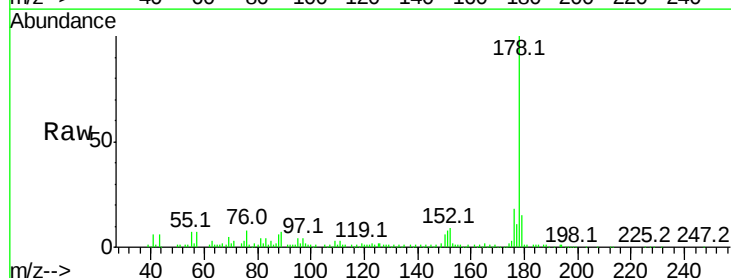
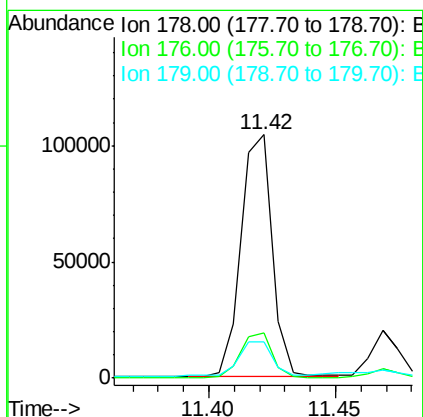
RT: 11.42 min Scan# 1587

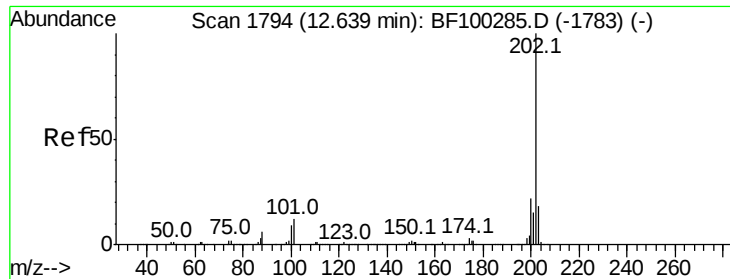
Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Tgt Ion:	178	Resp:	89545
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.8	23.8
179	14.8	13.0	19.6





#74

Fluoranthene

Concen: 9.739 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Instrument :

BNA_F

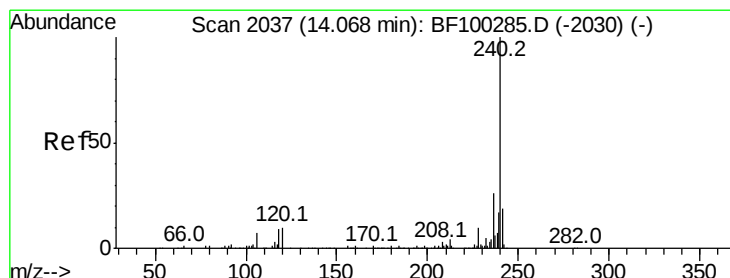
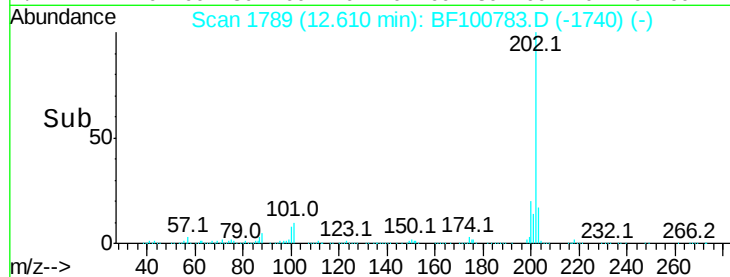
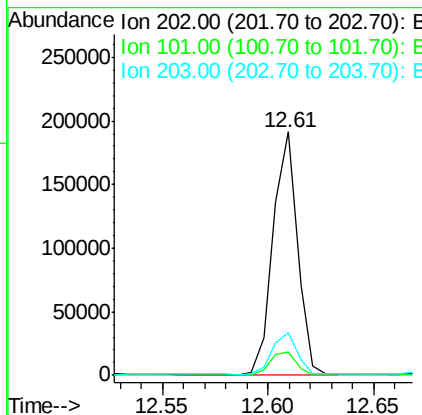
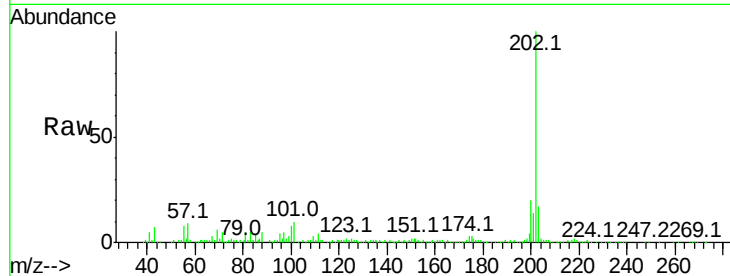
ClientSampled :

HL-5B

Tot Ion	Ratio	Resp	Lower	Upper
202	100	154018		
101	9.8	0.0	34.1	
203	17.4	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

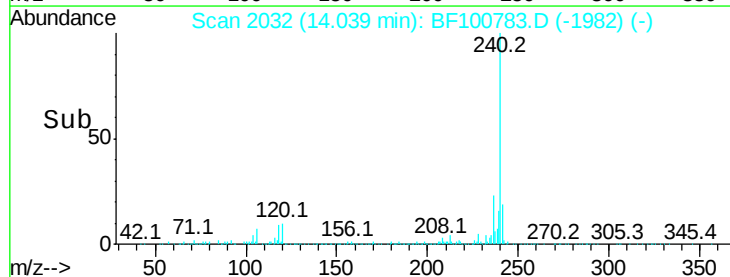
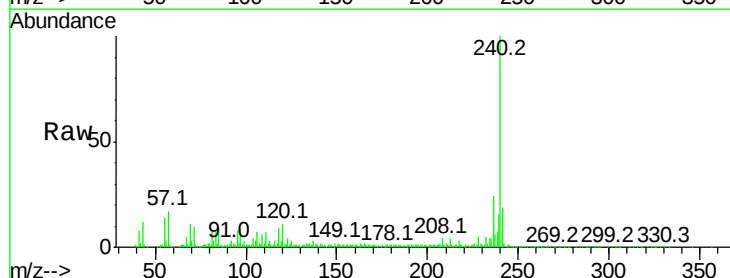
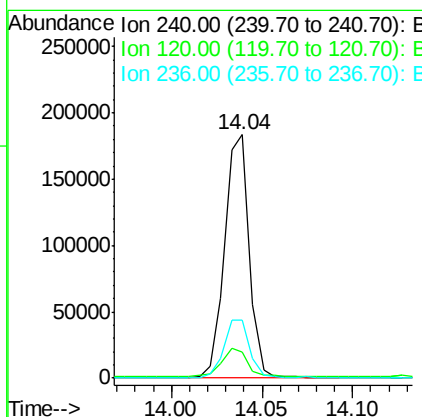
RT: 14.04 min Scan# 2032

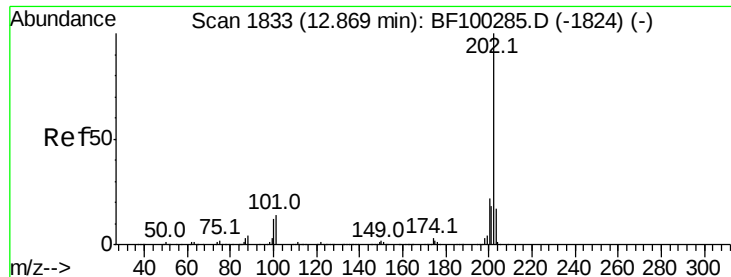
Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	174144		
120	10.9	9.5	14.3	
236	23.6	20.7	31.1	





#77

Pvrene

Concen: 10.161 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Instrument :

BNA_F

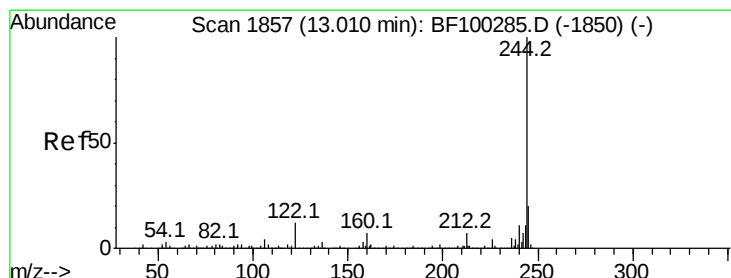
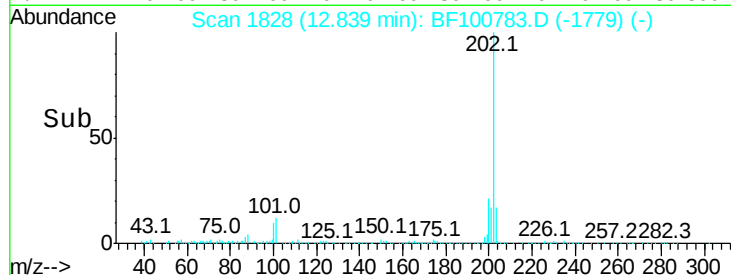
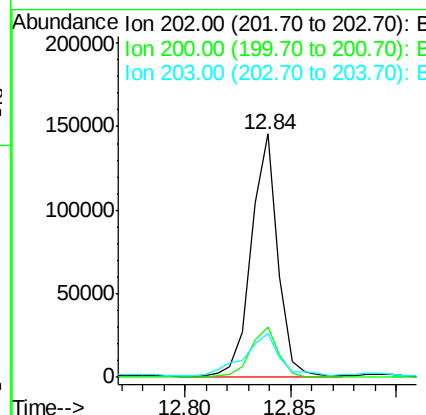
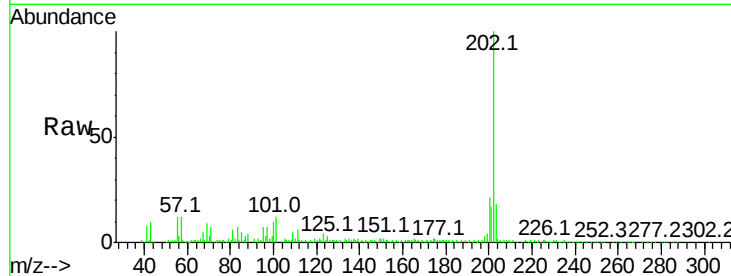
ClientSampleId :

HL-5B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.9	17.4	26.2		
203	18.1	14.3	21.5		

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#78

Terphenyl-d14

Concen: 66.885 ng

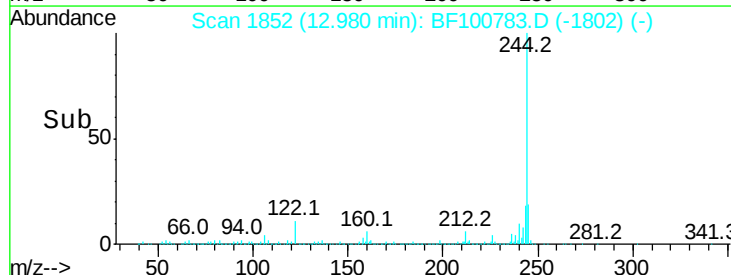
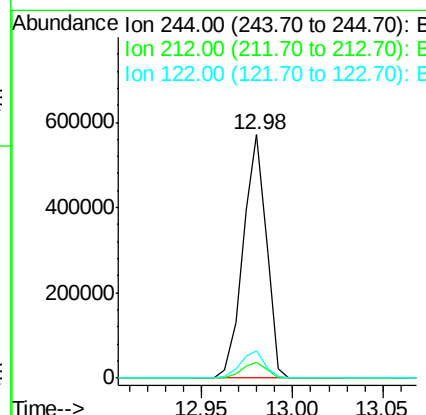
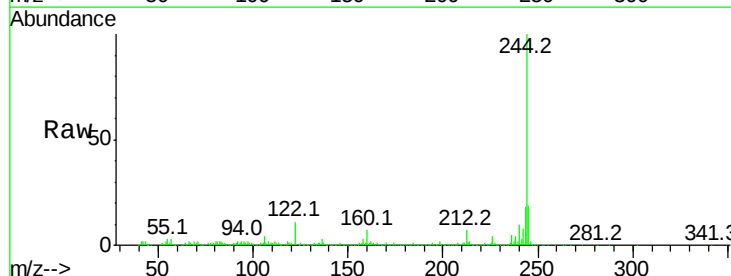
RT: 12.98 min Scan# 1852

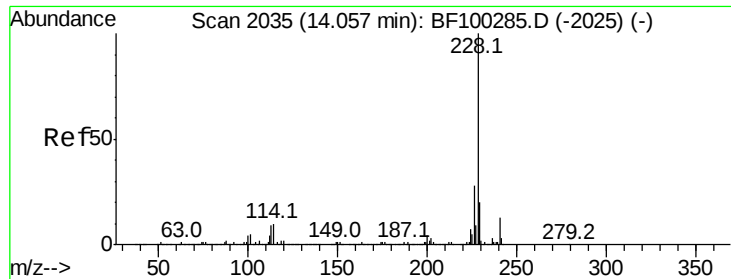
Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	6.5	5.4	8.0		
122	11.1	11.0	16.4		





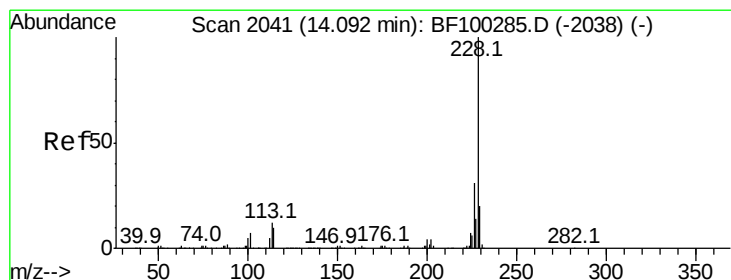
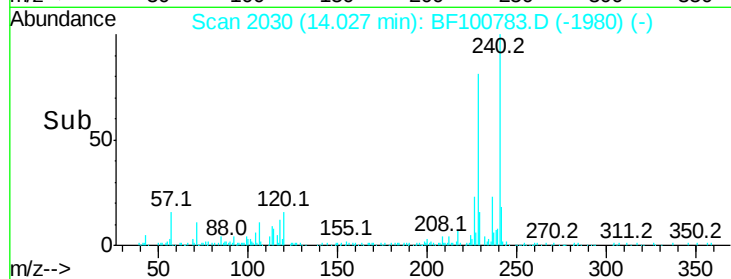
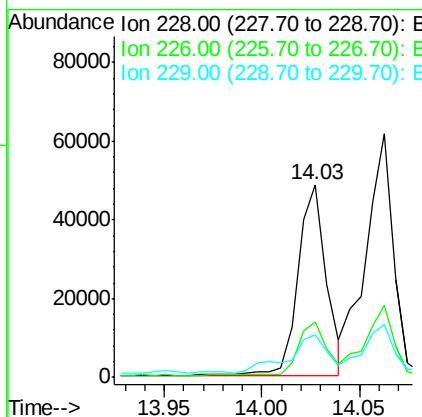
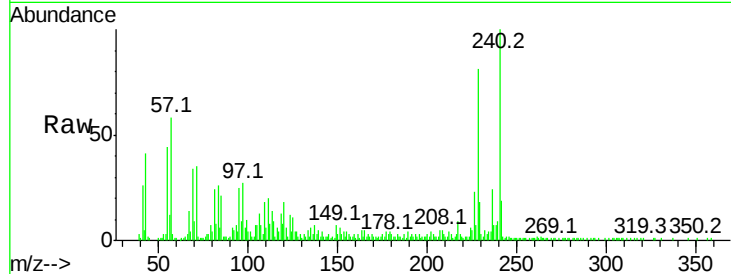
#80
Benzo(a)anthracene
Concen: 4.689 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Instrument :
BNA_F
ClientSampleId :
HL-5B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		49169		
226	28.8		22.6	33.8	
229	22.2		15.8	23.6	

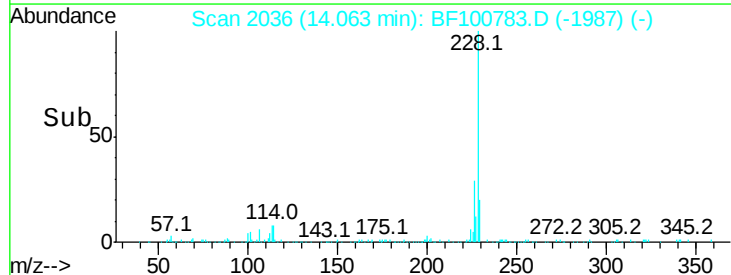
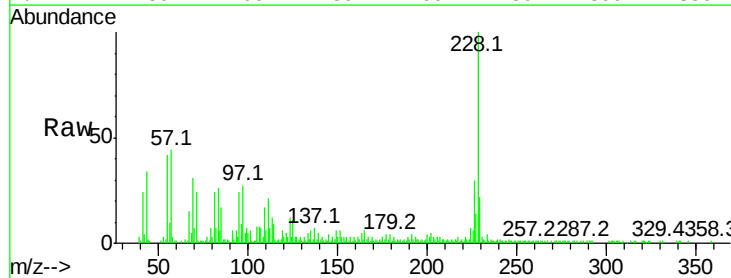
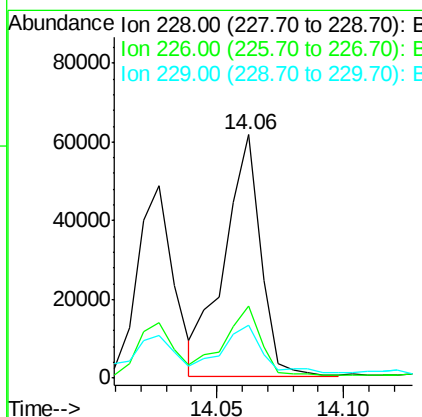
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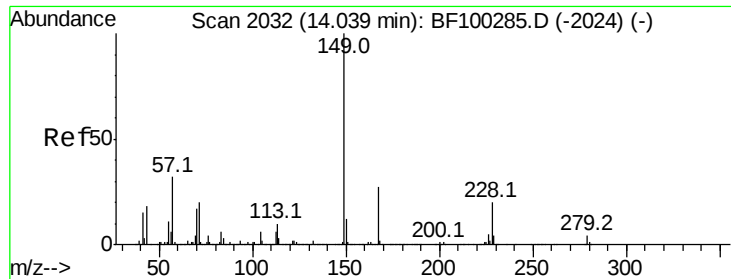
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#82
Chrysene
Concen: 6.048 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		61423		
226	29.6		25.0	37.6	
229	21.9		16.2	24.4	





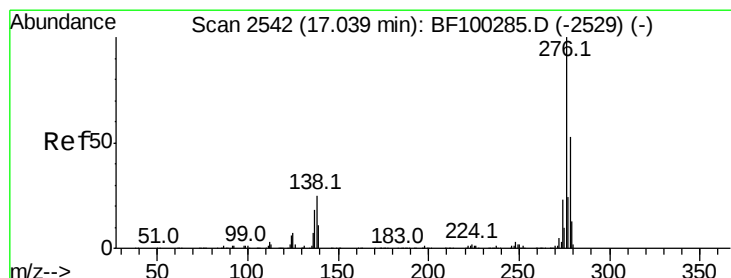
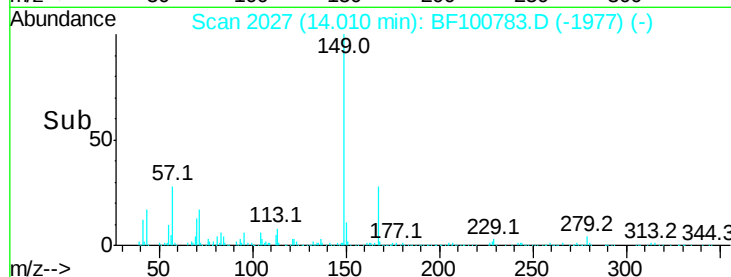
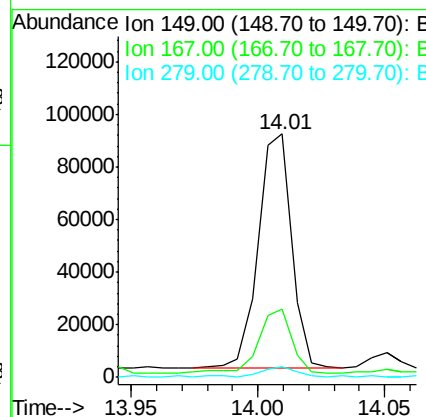
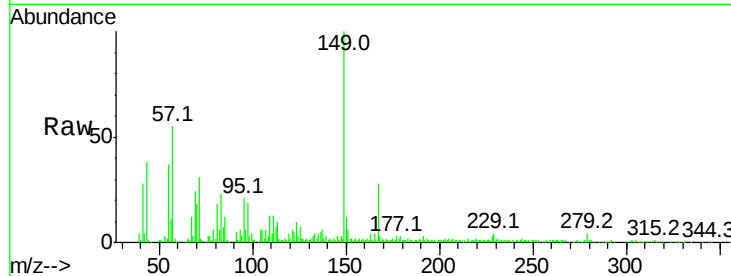
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.288 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF100783.D
 Acq: 21 Nov 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :
 HL-5B

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	4.1	3.0	4.4

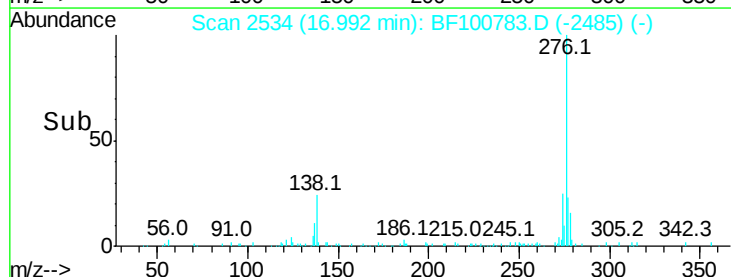
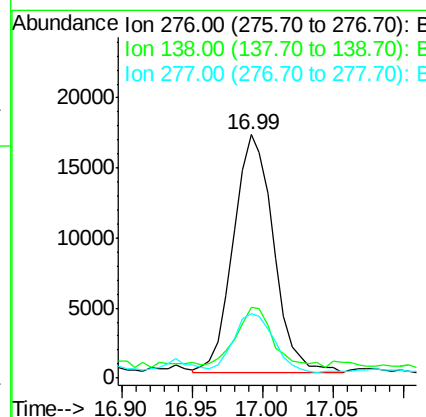
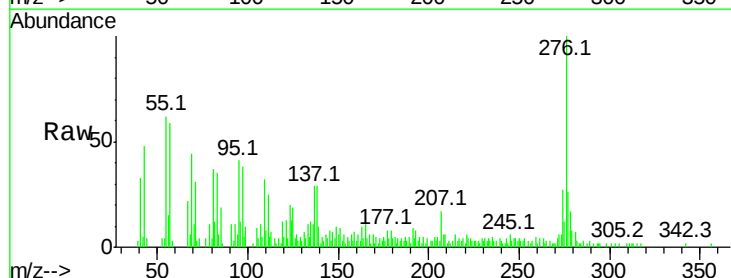
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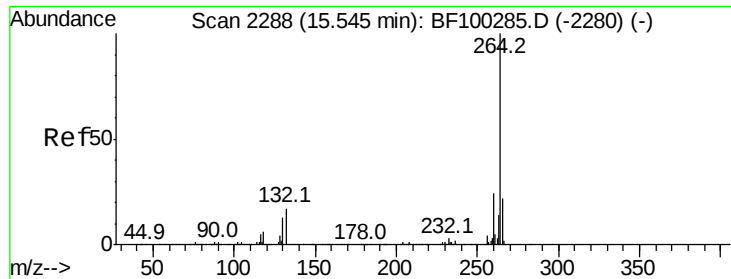
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.148 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF100783.D
 Acq: 21 Nov 2017 16:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	25.1	20.1	30.1





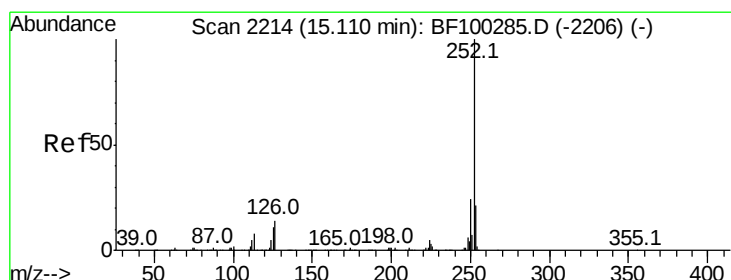
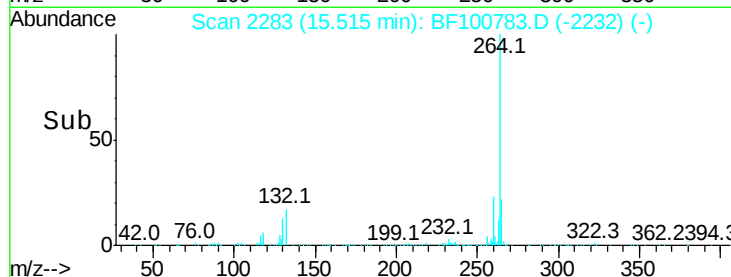
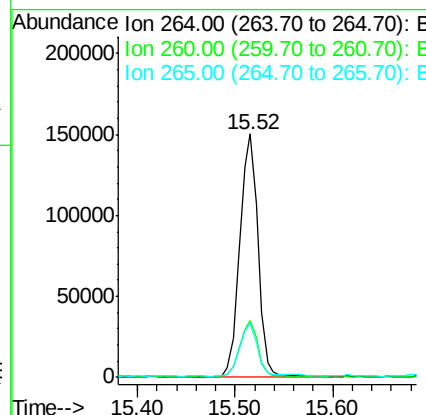
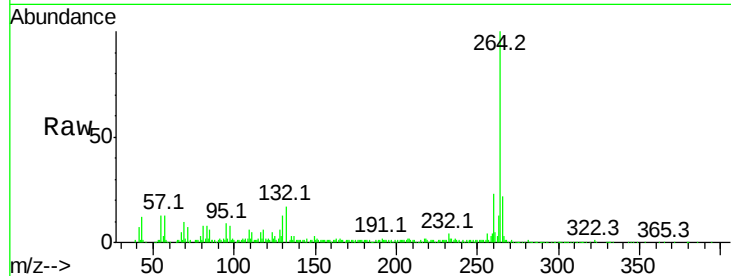
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Instrument :
BNA_F
ClientSampleId :
HL-5B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.5	26.3

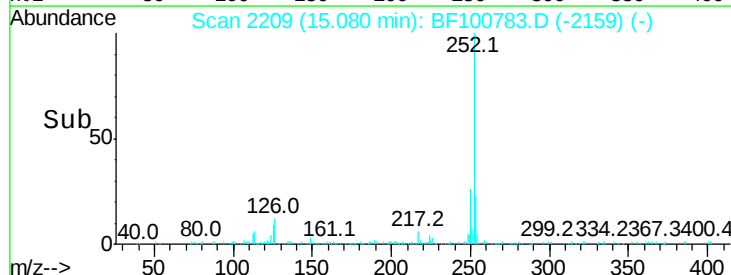
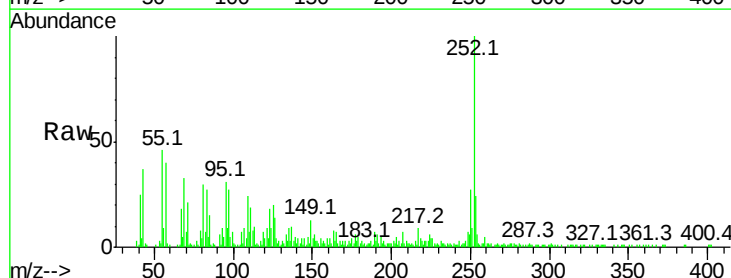
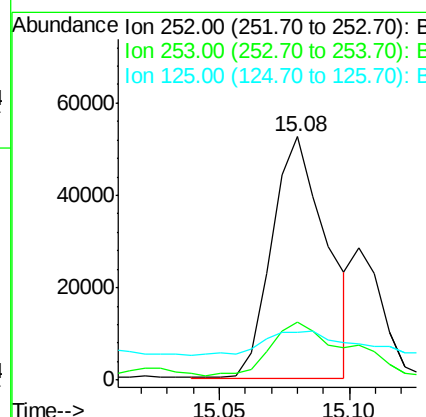
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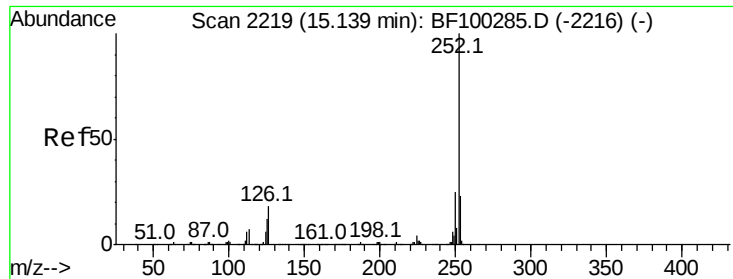
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#87
Benzo(b)fluoranthene
Concen: 6.668 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100783.D
Acq: 21 Nov 2017 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	19.9	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.123 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Instrument :

BNA_F

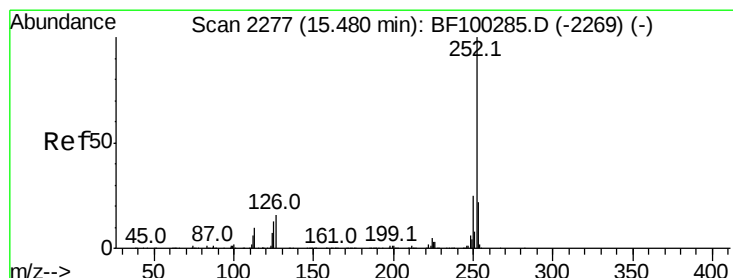
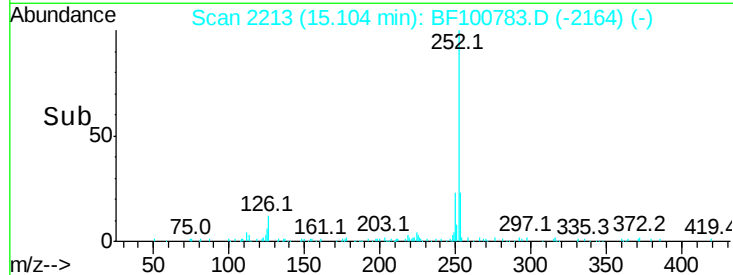
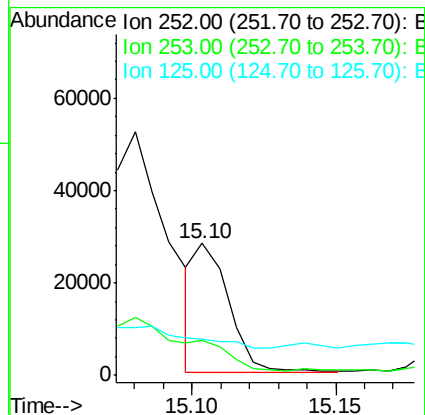
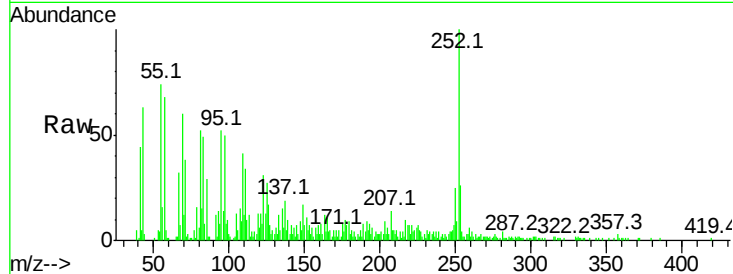
ClientSampled :

HL-5B

Tot Ion:	252	Resp:	22994
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.9	26.9
125	27.4	10.2	15.2#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 4.543 ng

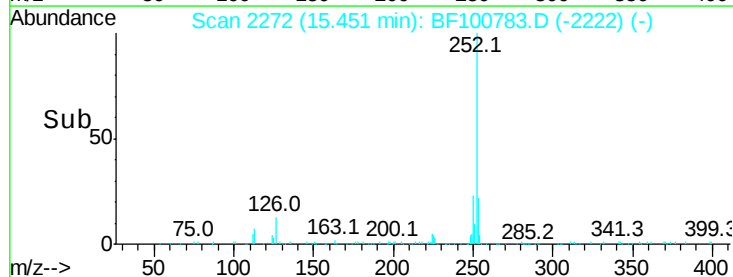
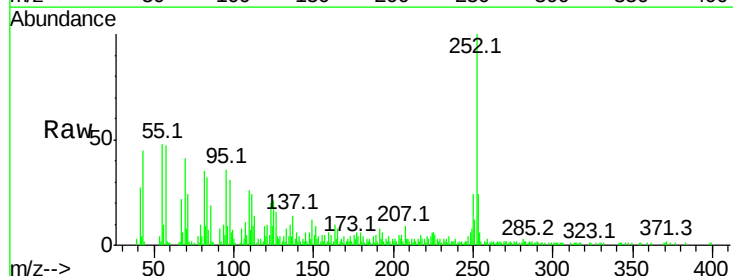
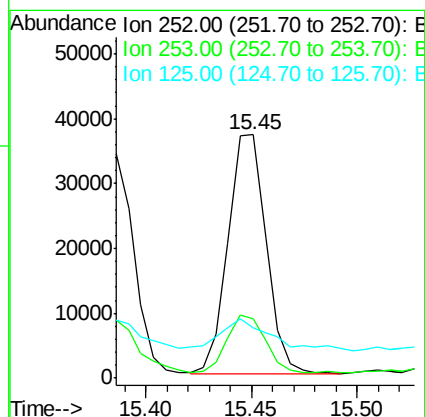
RT: 15.45 min Scan# 2272

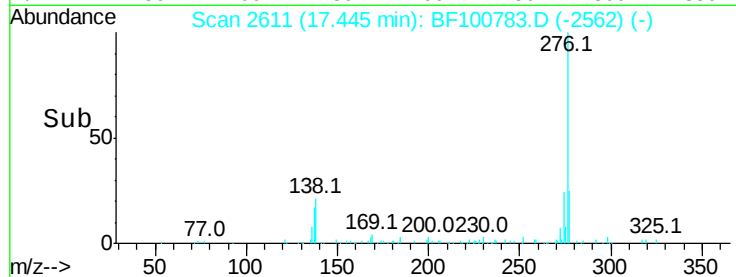
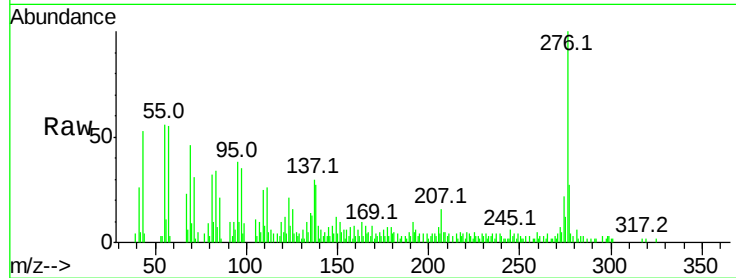
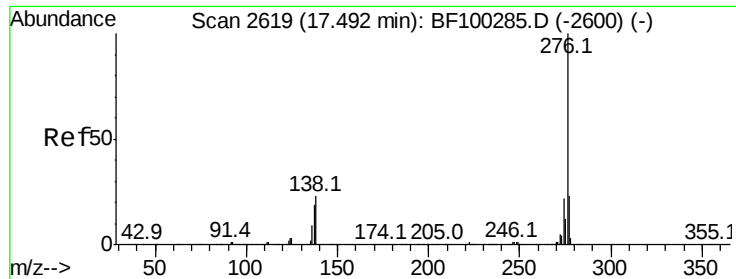
Delta R.T. -0.01 min

Lab File: BF100783.D

Acq: 21 Nov 2017 16:32

Tgt Ion:	252	Resp:	46156
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	20.7	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 4.536 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF100783.D
 Acq: 21 Nov 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :
 HL-5B

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9#
138	26.6	21.8	32.8

Manual Integrations
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