

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100696.D
 Acq On : 18 Nov 2017 1:31
 Operator : SJ/JU
 Sample : I6423-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B8(0-10)COMP

Manual Integrations
 APPROVED

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 11/20/2017 2:51:25 PM

Quant Time: Nov 18 03:06:34 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	6.88	152	110917	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	435079	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	183969	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	282184	20.00	ng	0.00
75) Chrysene-d12	14.04	240	235088	20.00	ng	0.00
86) Perylene-d12	15.52	264	242185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	663286	95.86	ng	0.01
7) Phenol-d6	6.51	99	791039	92.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	499218	75.86	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	172286	91.90	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	912032	75.49	ng	0.00
78) Terphenyl-d14	12.99	244	583726	57.05	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	41388	4.621	ng	92
49) Dimethylphthalate	9.63	163	100828	7.178	ng	99
70) Phenanthrene	11.43	178	116349	7.831	ng	98
71) Anthracene	11.47	178	35403	2.349	ng	99
74) Fluoranthene	12.62	202	192569	12.230	ng	95
77) Pyrene	12.85	202	163740	9.771	ng	97
80) Benzo(a)anthracene	14.03	228	108032	7.631	ng	99
82) Chrysene	14.06	228	95857	6.992	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	43361	3.910	ng	92
87) Benzo(b)fluoranthene	15.08	252	126046m	8.785	ng	
88) Benzo(k)fluoranthene	15.10	252	43744m	3.227	ng	
89) Benzo(a)pyrene	15.45	252	82292	6.469	ng	96
91) Benzo(a,h,i)perylene	17.44	276	40556	3.983	ng	94

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

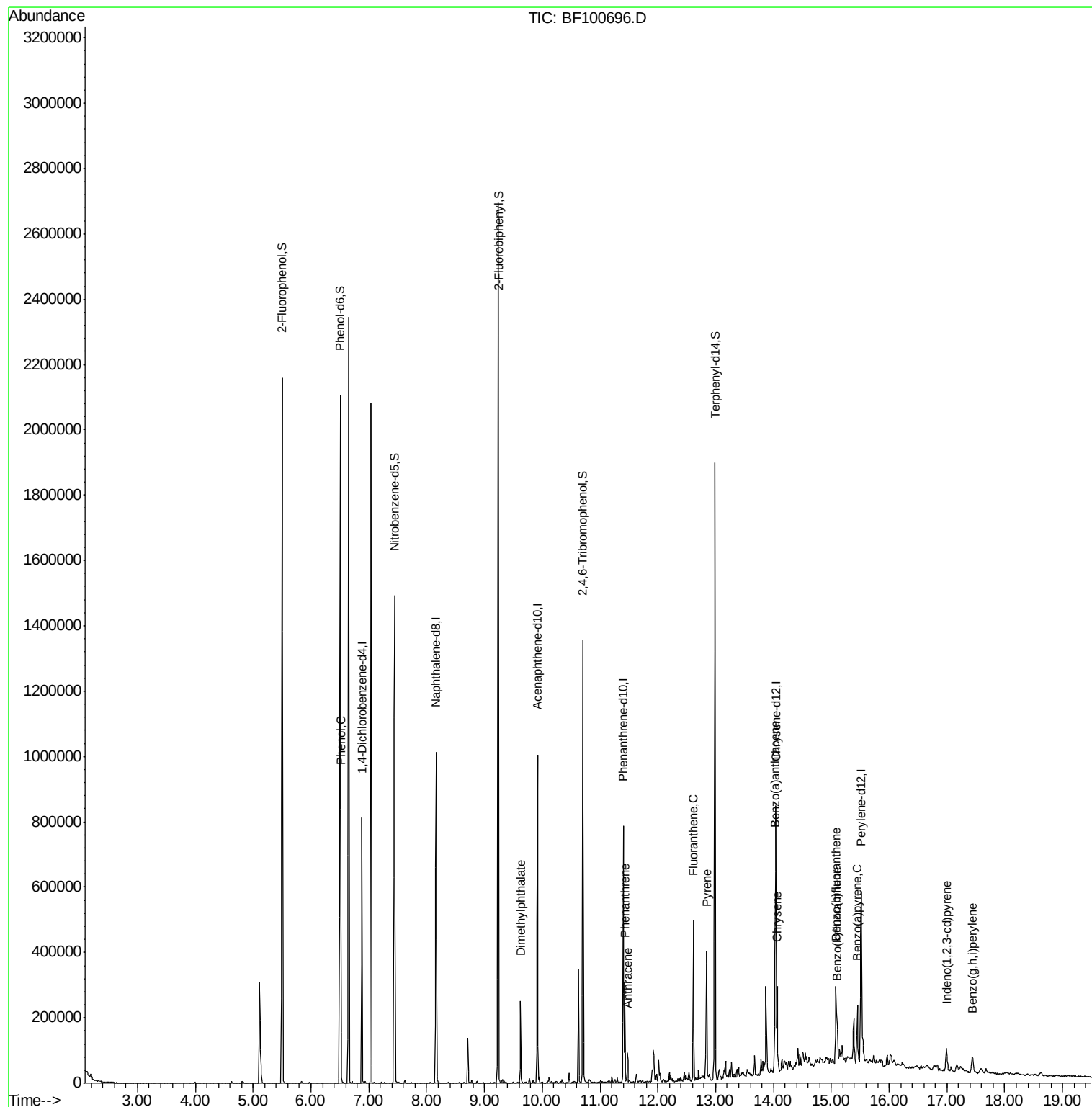
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
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Sample : I6423-02
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ALS Vial : 18 Sample Multiplier: 1

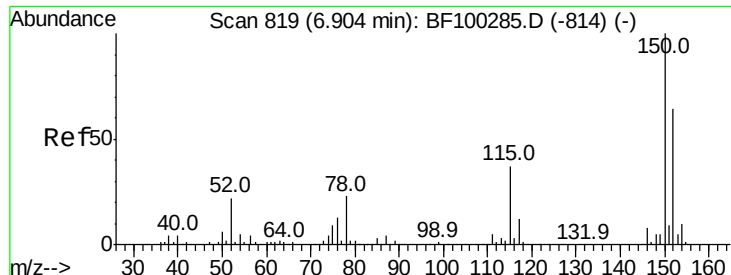
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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#1

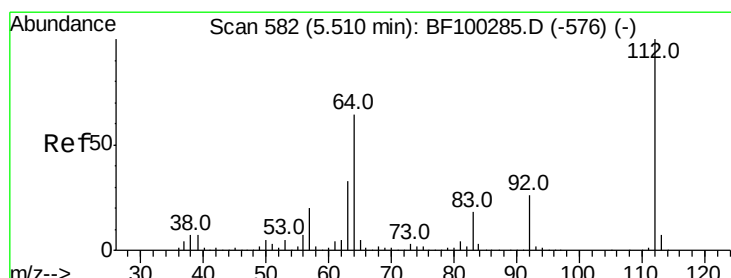
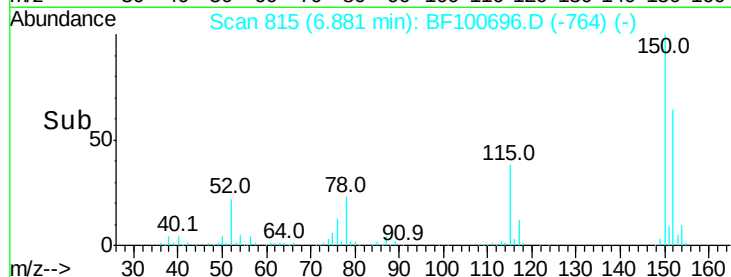
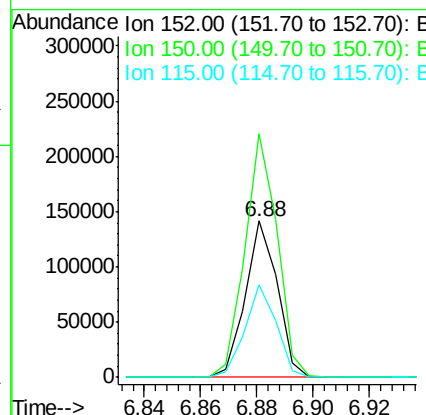
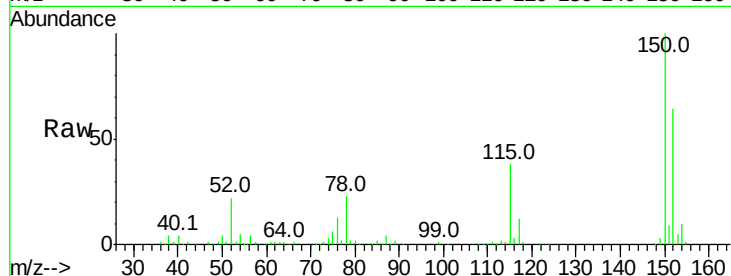
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Instrument :
BNA_F
ClientSampleId :
B8(0-10)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	59.3	50.1	75.1

Manual Integrations
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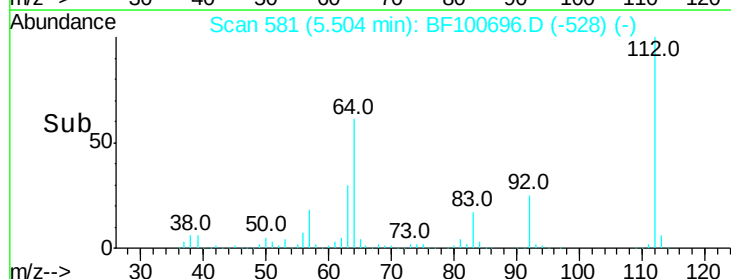
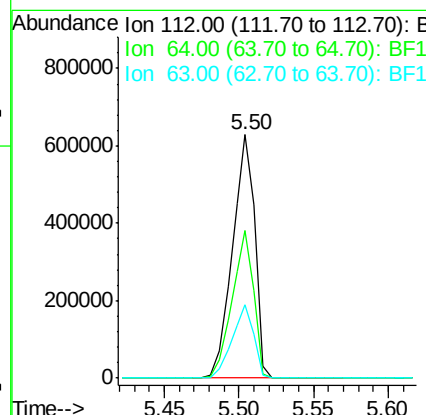
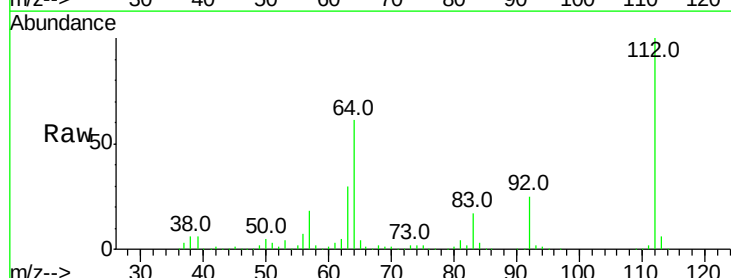
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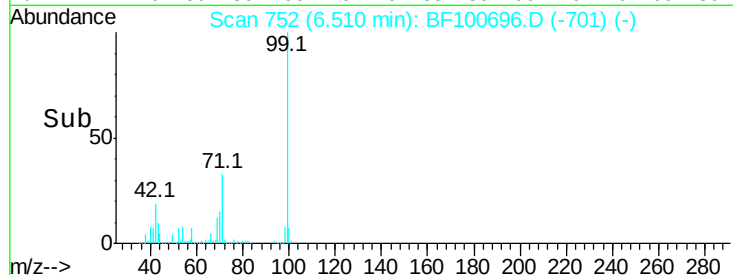
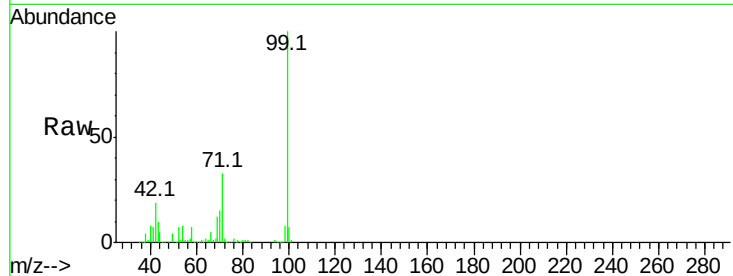
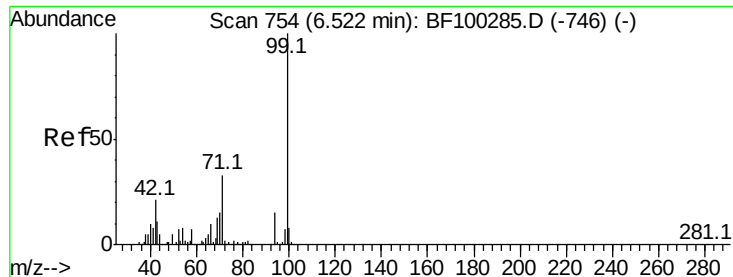


#5

2-Fluorophenol
Concen: 95.859 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 92.709 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100696.D

Acq: 18 Nov 2017 1:31

Tot Ion	99	Resp	791039
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.6	25.4	38.0

Instrument :

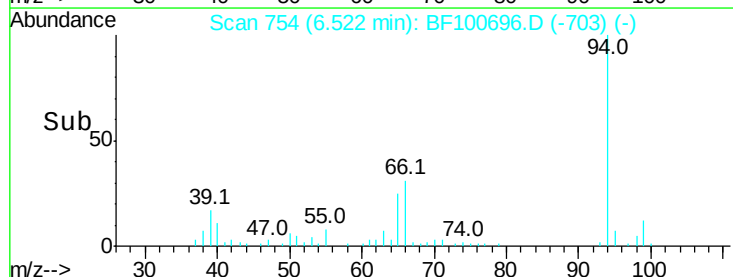
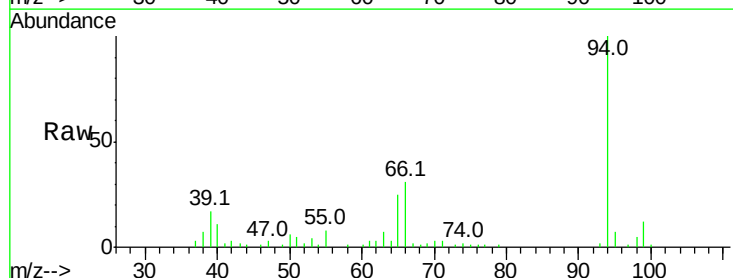
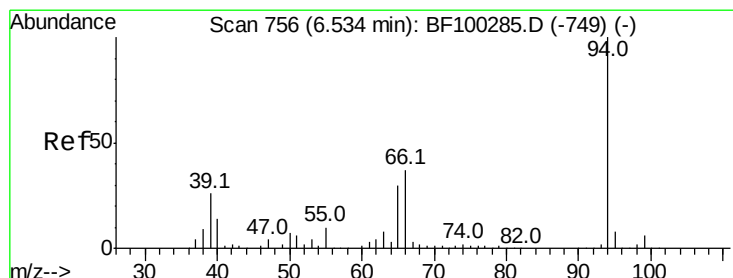
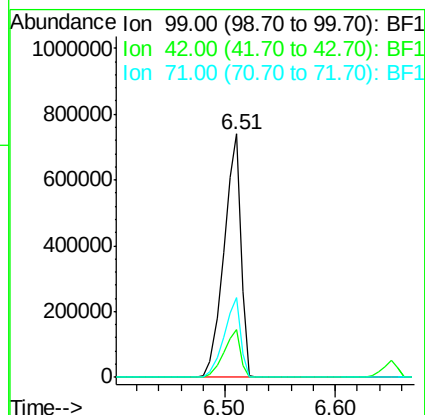
BNA_F

ClientSampled :

B8(0-10)COMP

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#10

Phenol

Concen: 4.621 ng

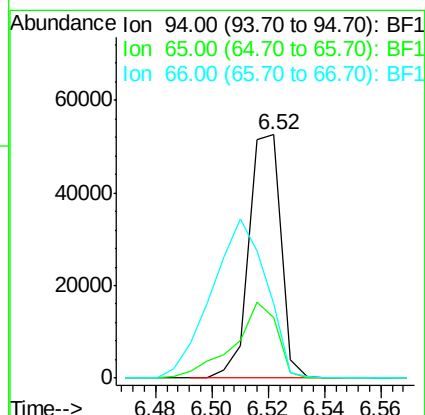
RT: 6.52 min Scan# 754

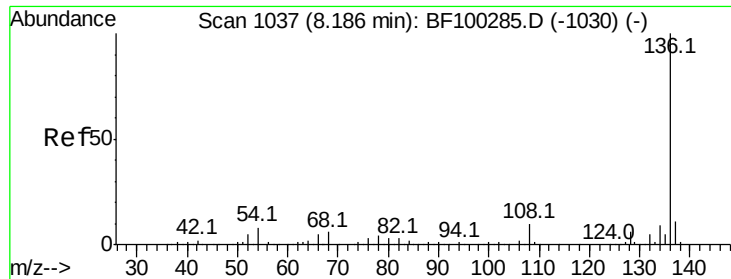
Delta R.T. 0.00 min

Lab File: BF100696.D

Acq: 18 Nov 2017 1:31

Tgt Ion	94	Resp	41388
Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.9	47.9
66	30.9	16.2	56.2





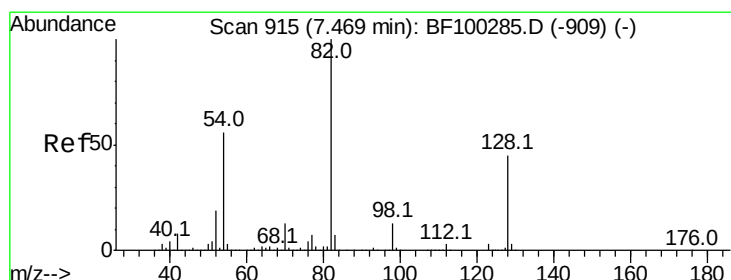
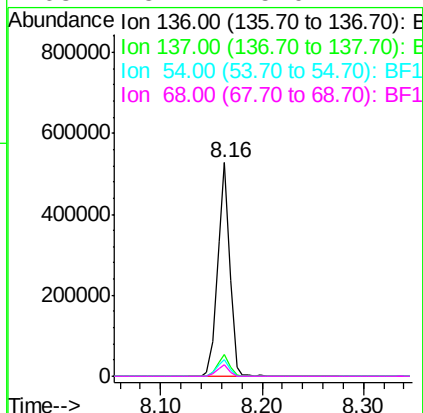
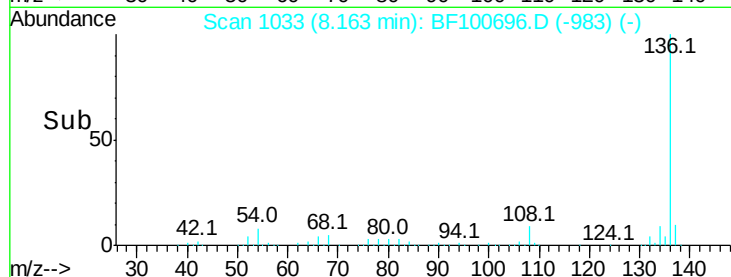
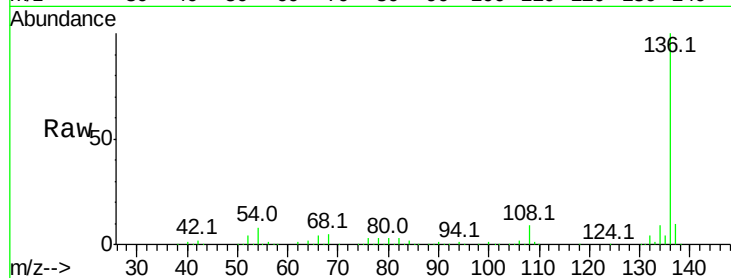
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Instrument :
BNA_F
ClientSampleId :
B8(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	8.0	6.6	9.8	
68	5.4	5.0	7.4	

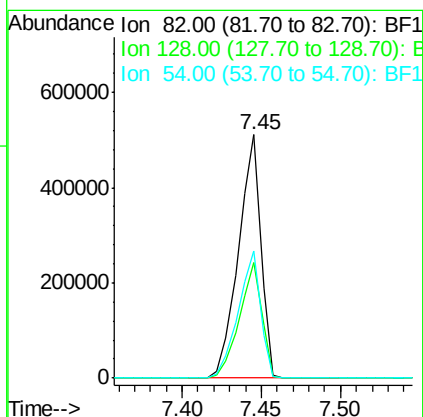
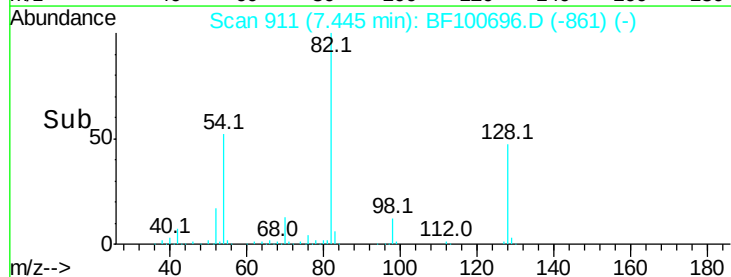
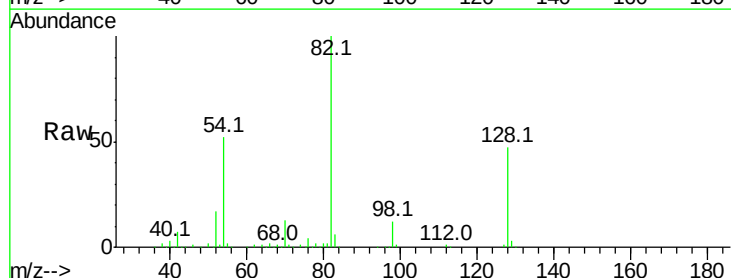
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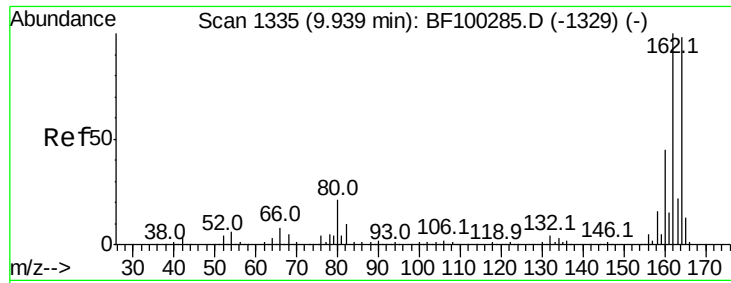
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#23
Nitrobenzene-d5
Concen: 75.860 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	36.1	54.1	
54	52.4	41.4	62.2	





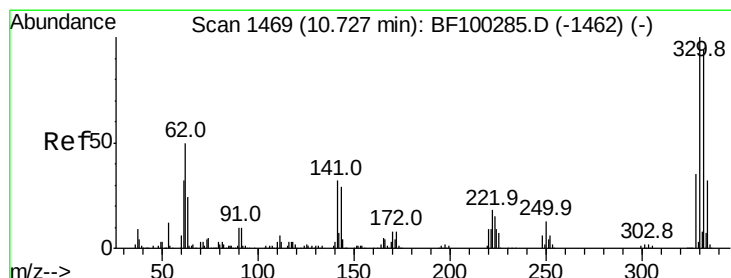
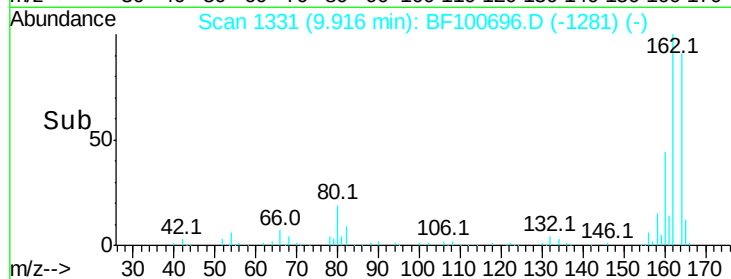
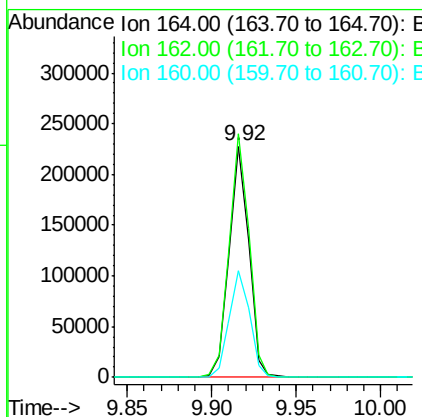
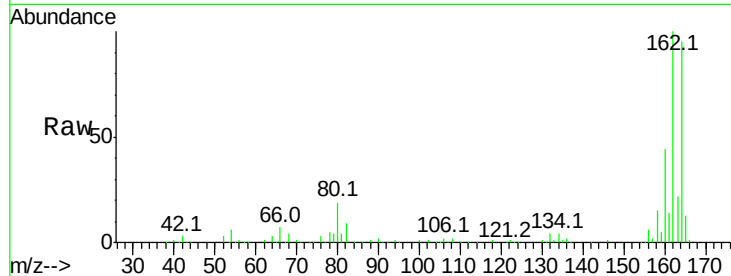
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Instrument :
BNA_F
ClientSampleId :
B8(0-10)COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.4	38.3	57.5

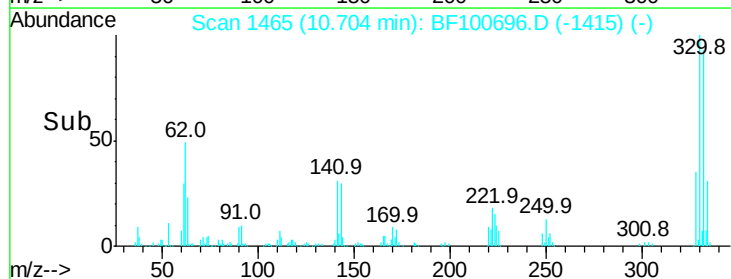
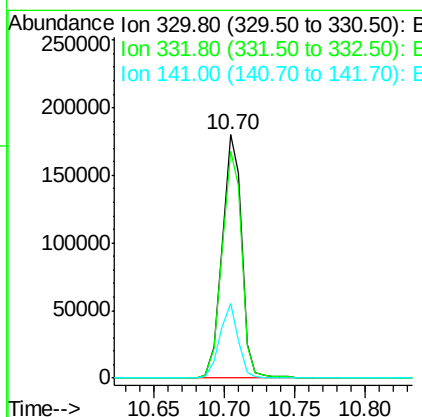
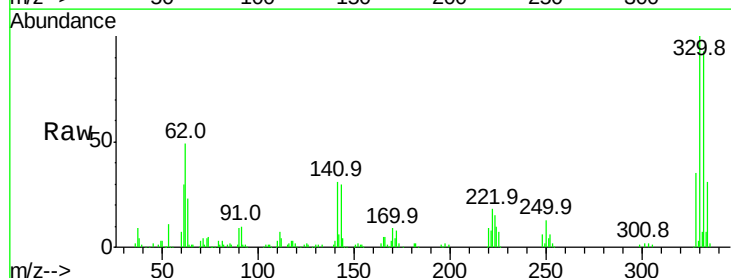
Manual Integrations
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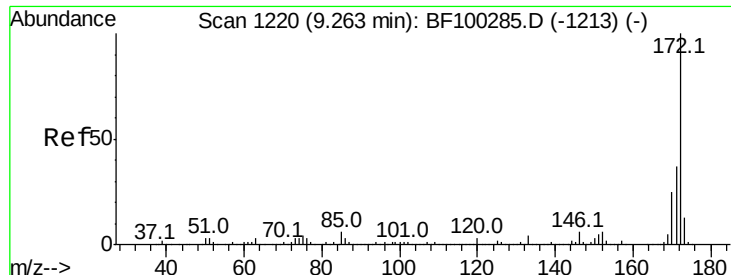
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#41
2,4,6-Tribromophenol
Concen: 91.903 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	28.9	29.9	44.9#





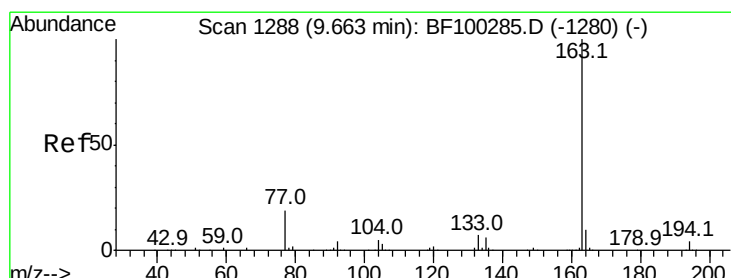
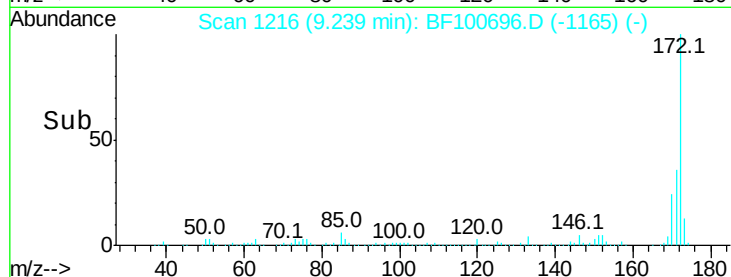
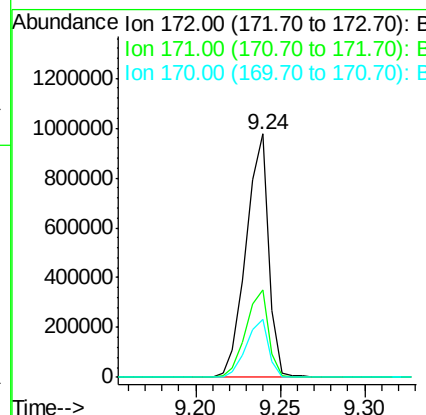
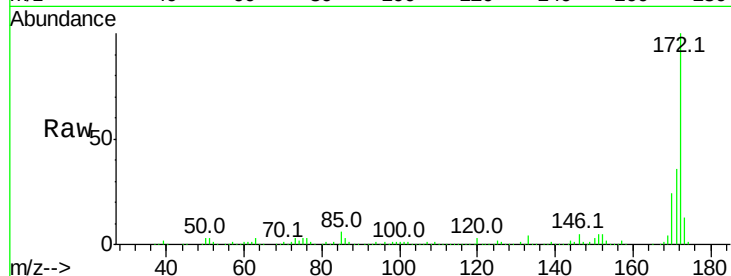
#44
2-Fluorobiphenyl
Concen: 75.489 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Instrument :
BNA_F
ClientSampleId :
B8(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.7	44.5	
170	23.7	19.6	29.4	

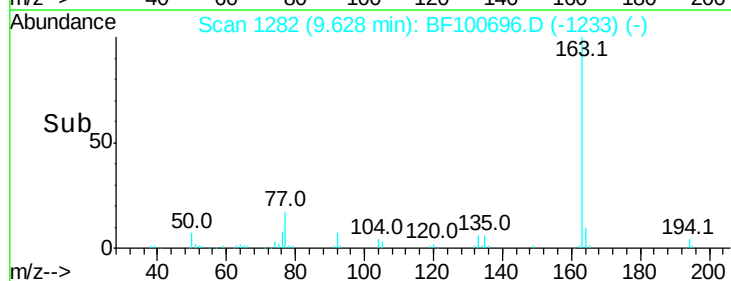
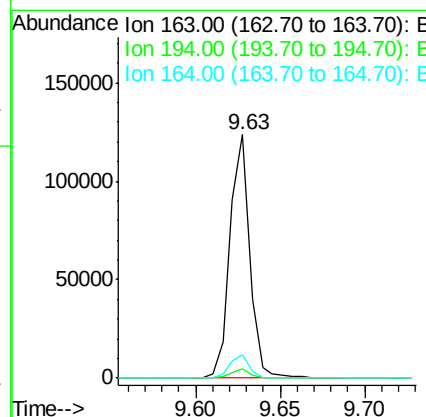
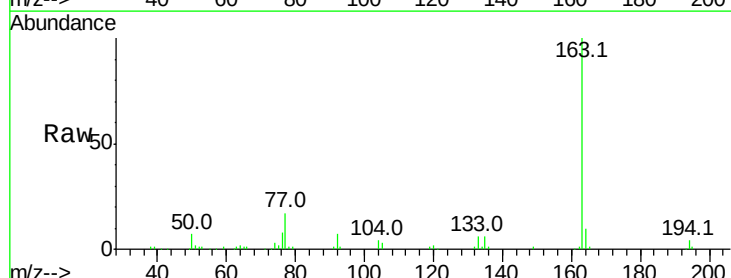
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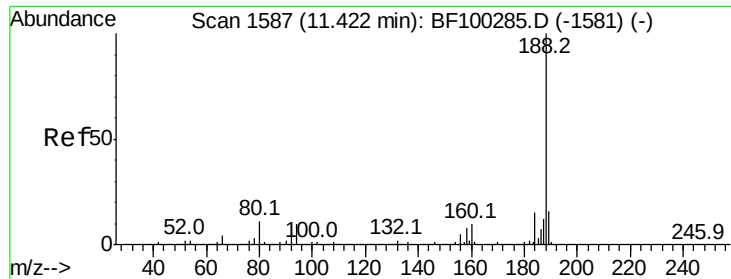
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#49
Dimethylphthalate
Concen: 7.178 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	9.9	8.2	12.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF100696.D

Acq: 18 Nov 2017 1:31

Instrument :

BNA_F

ClientSampleId :

B8(0-10)COMP

Tot Ion:188 Resp: 282184
Ion Ratio Lower Upper

188 100

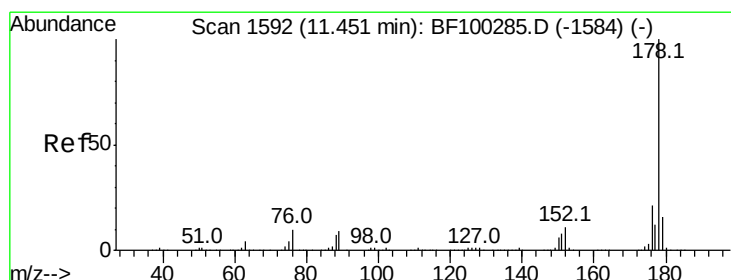
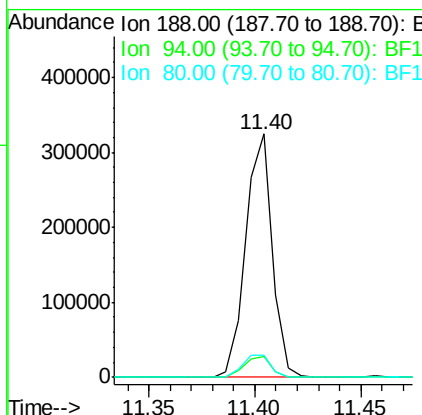
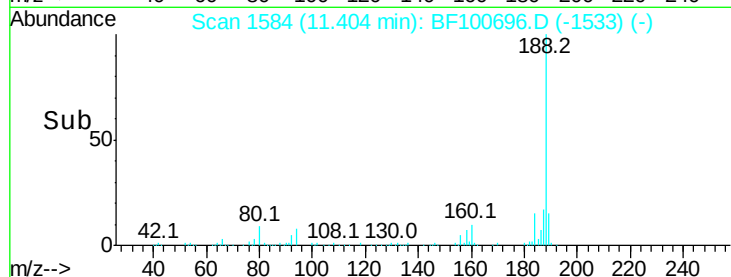
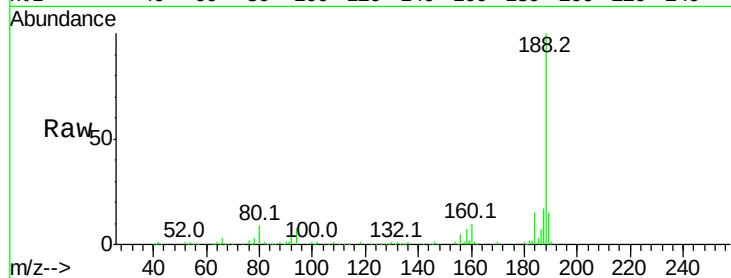
94 8.5 8.5 12.7#

80 9.1 9.2 13.8#

Manual Integrations
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#70

Phenanthrene

Concen: 7.831 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF100696.D

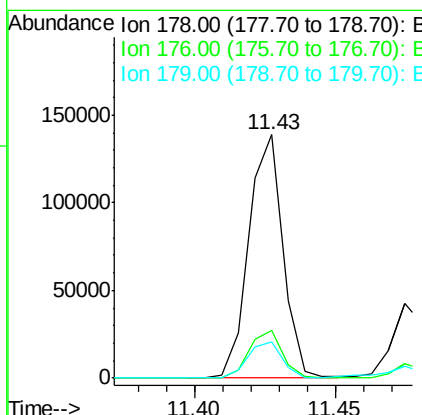
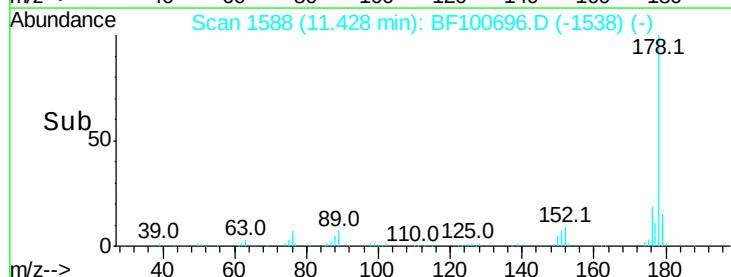
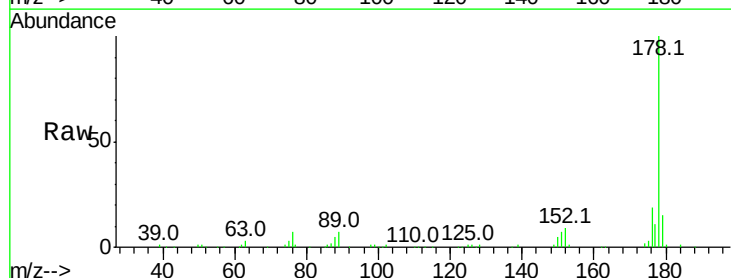
Acq: 18 Nov 2017 1:31

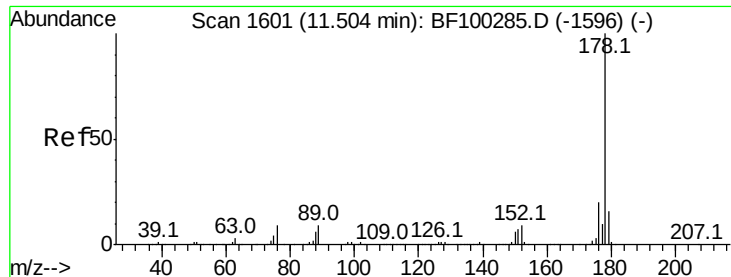
Tgt Ion:178 Resp: 116349
Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 14.9 13.0 19.6





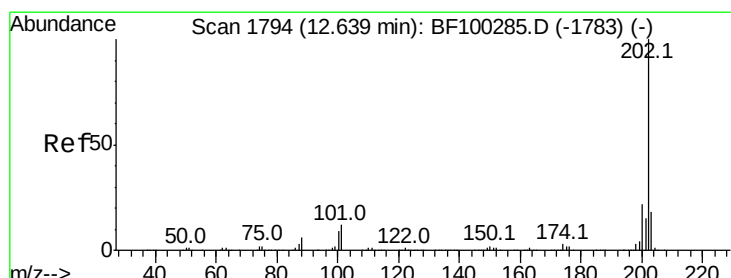
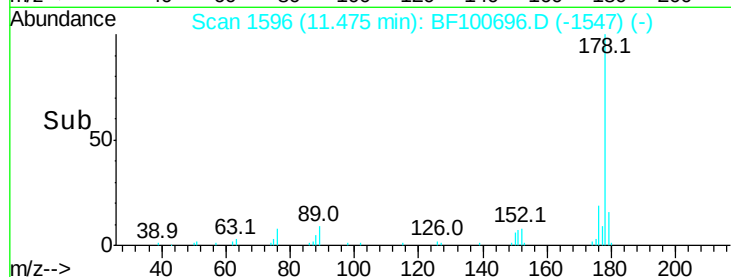
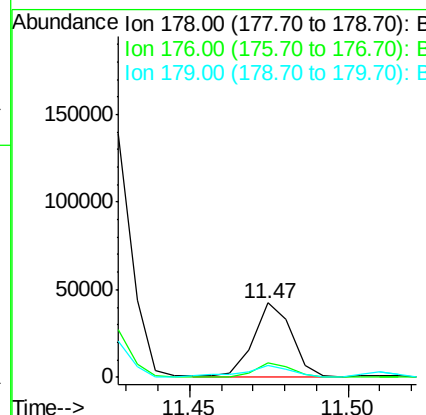
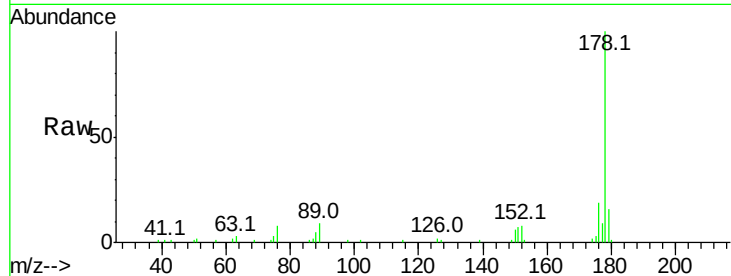
#71
 Anthracene
 Concen: 2.349 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100696.D
 Acq: 18 Nov 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :
 B8(0-10)COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.1	12.6	19.0

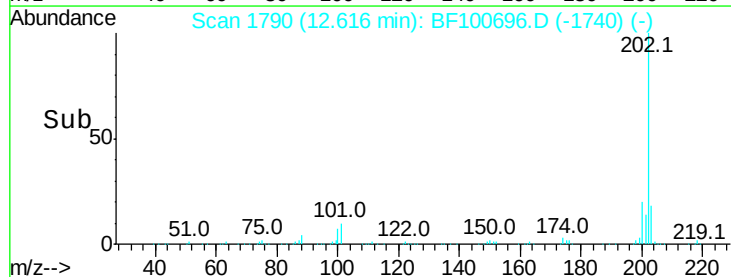
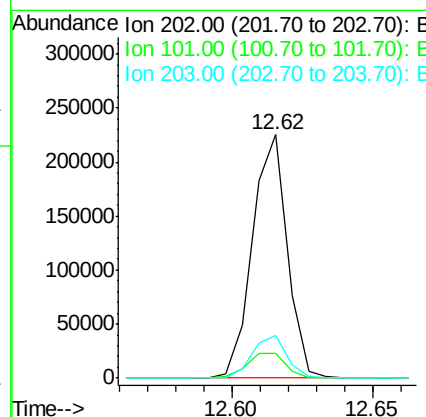
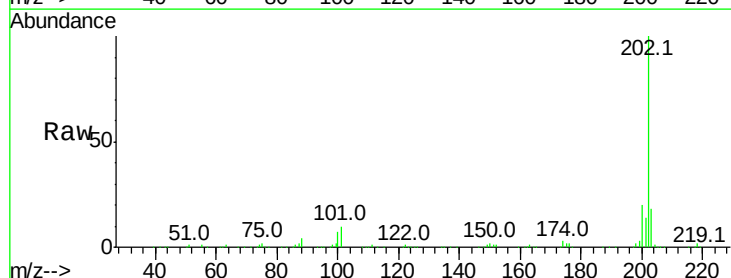
Manual Integrations
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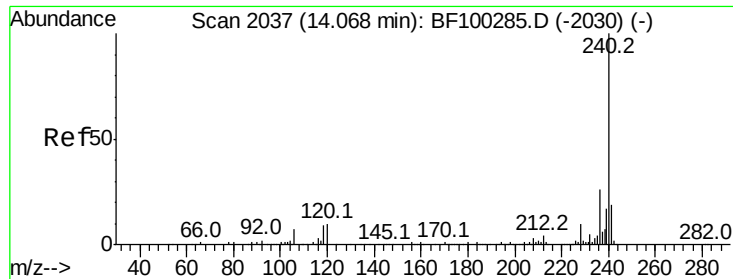
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 11/20/2017 2:51:25 PM



#74
 Fluoranthene
 Concen: 12.230 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF100696.D
 Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.6	0.0	38.1





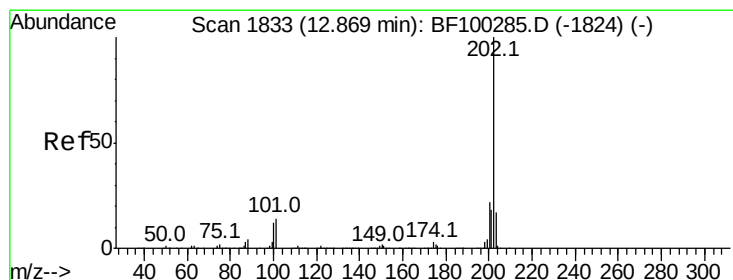
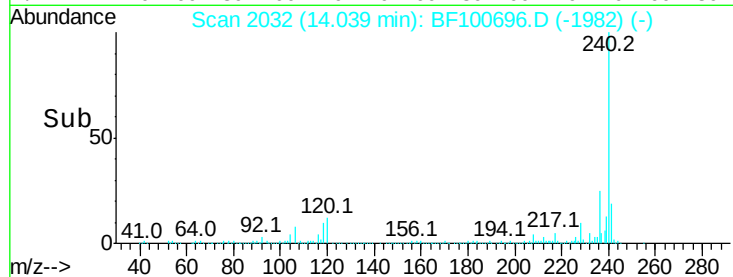
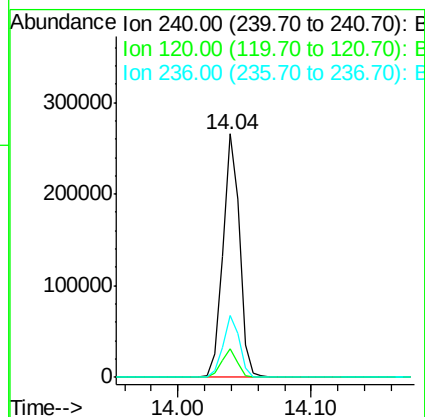
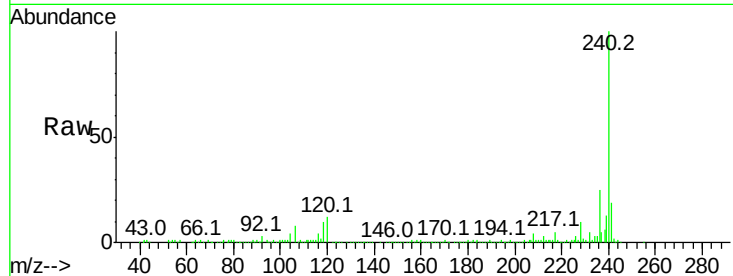
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Instrument :
BNA_F
ClientSampleId :
B8(0-10)COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.5	9.5	14.3
236	25.3	20.7	31.1

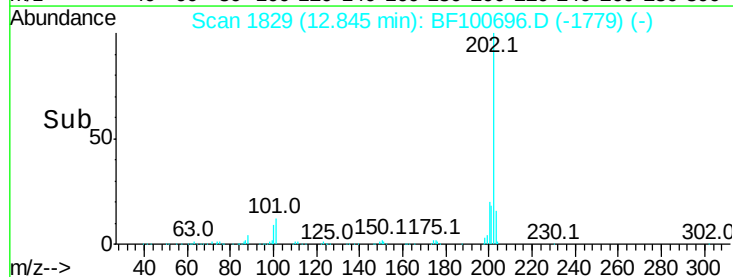
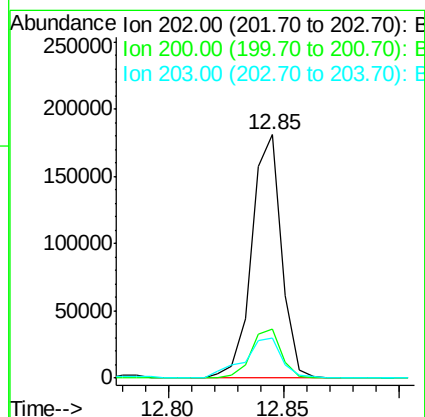
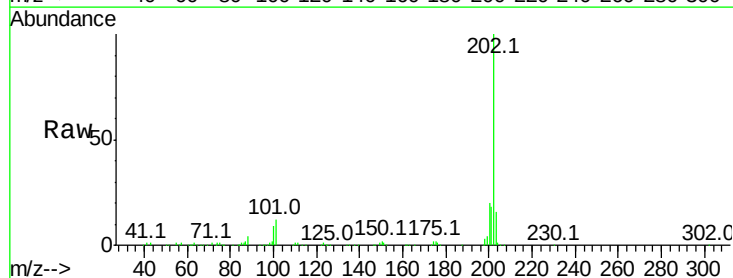
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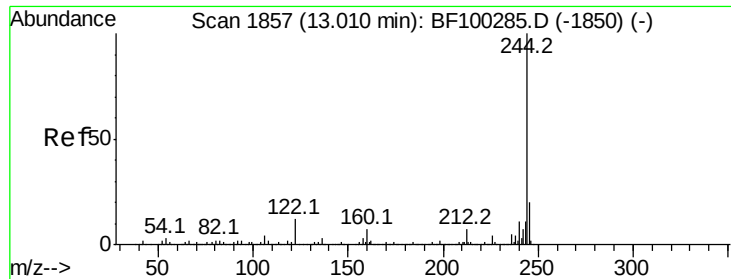
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#77
Pyrene
Concen: 9.771 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	17.4	26.2
203	16.4	14.3	21.5





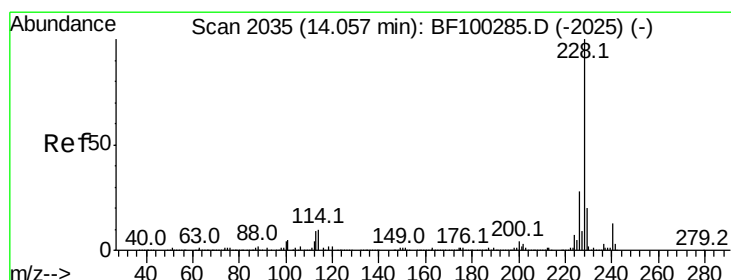
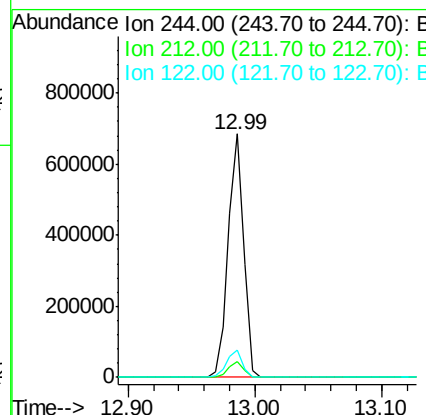
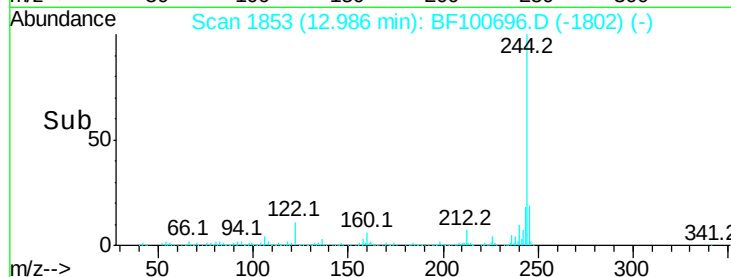
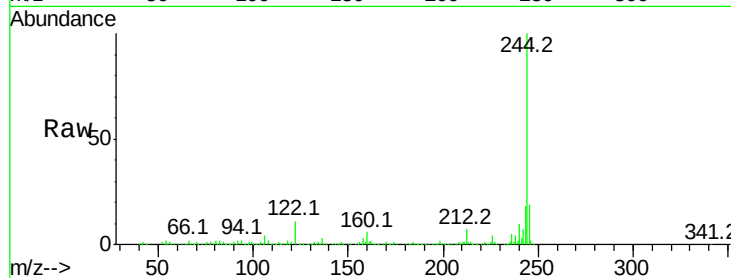
#78
 Terphenyl-d14
 Concen: 57.052 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF100696.D
 Acq: 18 Nov 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :
 B8(0-10)COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4

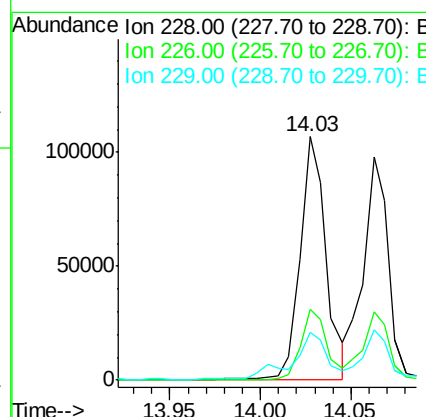
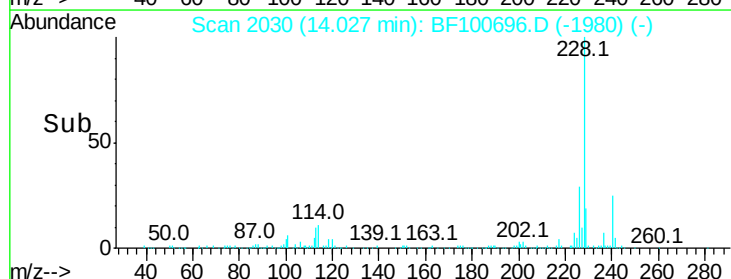
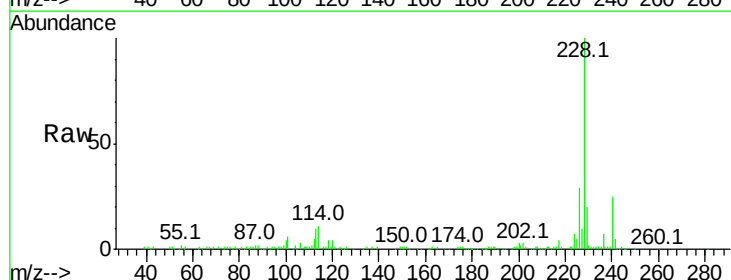
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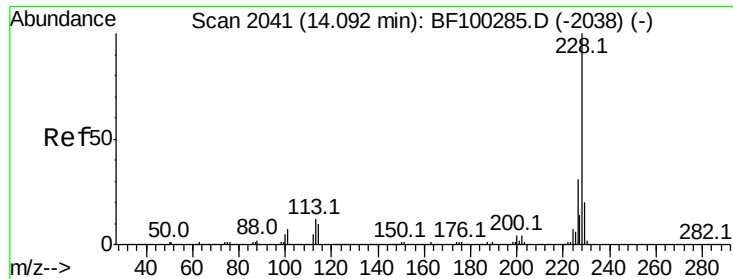
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#80
 Benzo(a)anthracene
 Concen: 7.631 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF100696.D
 Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	19.7	15.8	23.6





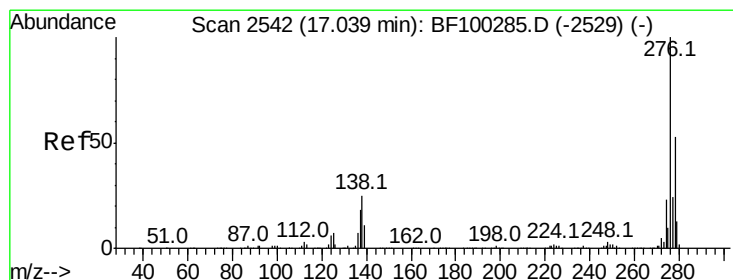
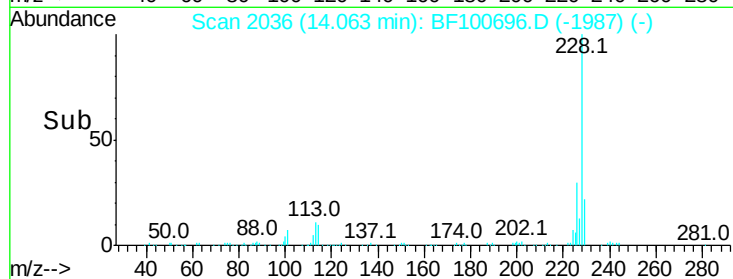
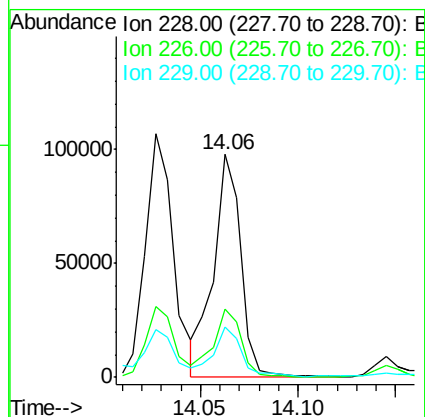
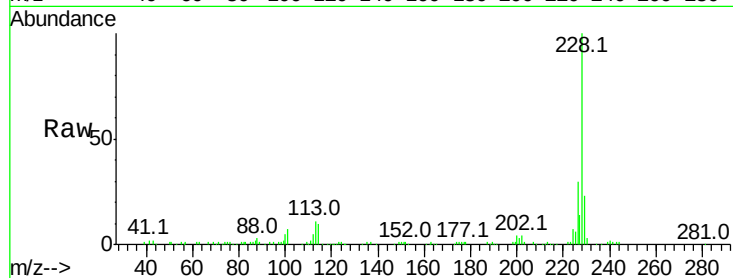
#82
Chrysene
Concen: 6.992 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Instrument :
BNA_F
ClientSampled :
B8(0-10)COMP

Tot Ion:	228	Resp:	95857
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	22.8	16.2	24.4

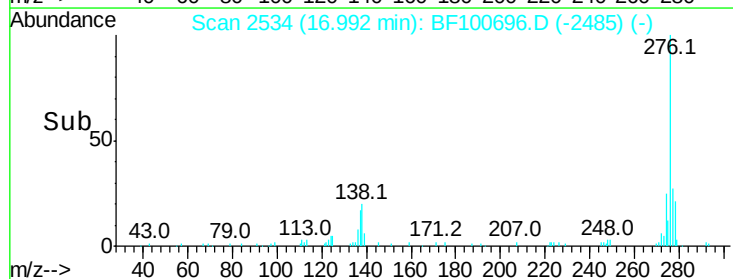
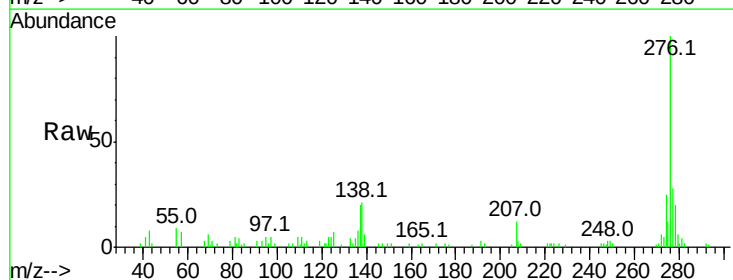
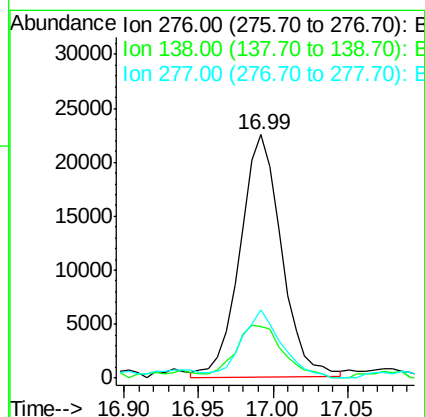
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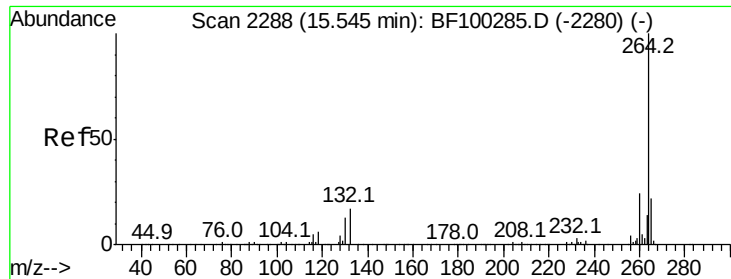
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.910 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Tgt Ion:	276	Resp:	43361
Ion Ratio	Lower	Upper	
276	100		
138	25.3	25.0	37.6
277	27.2	20.1	30.1





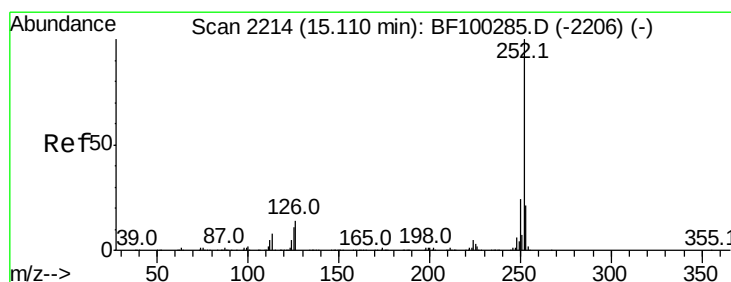
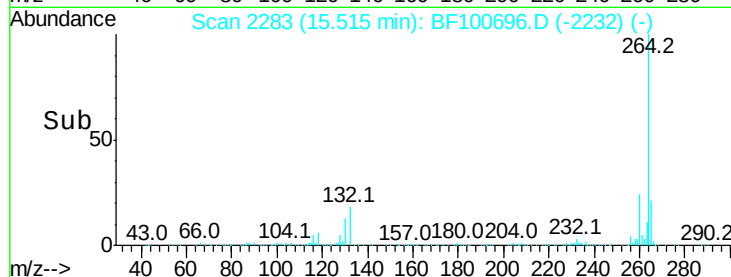
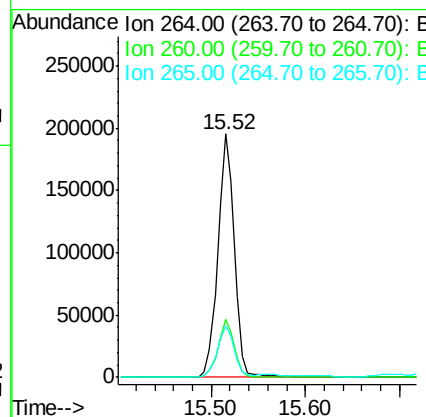
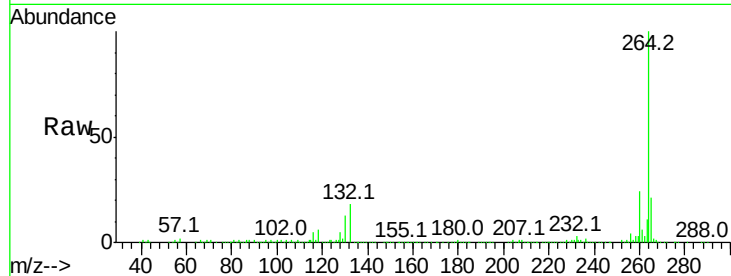
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Instrument :
BNA_F
ClientSampleId :
B8(0-10)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3

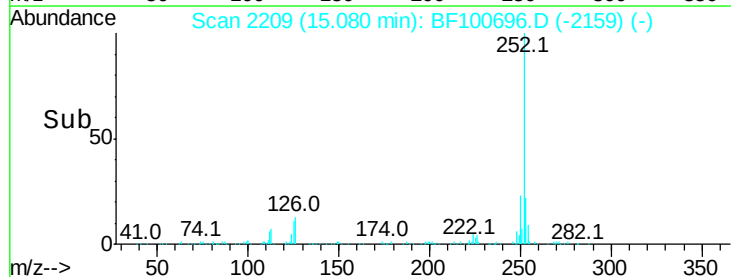
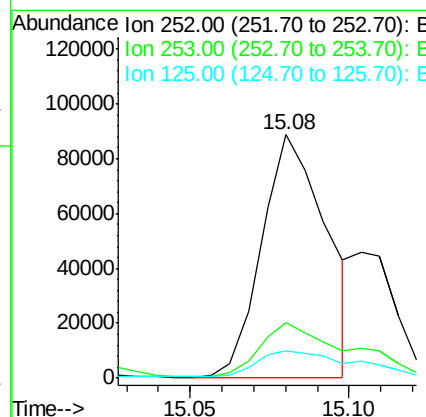
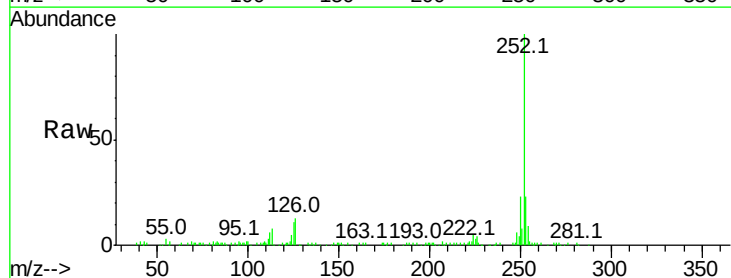
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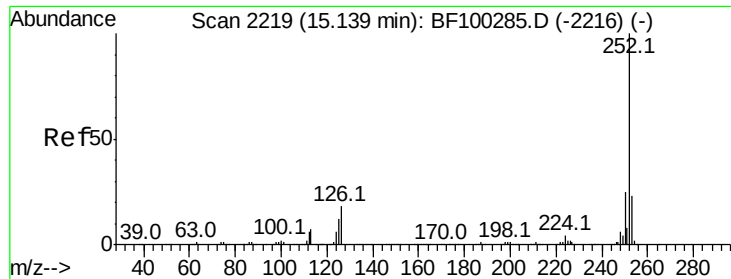
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#87
Benzo(b)fluoranthene
Concen: 8.785 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.1	9.0	13.6





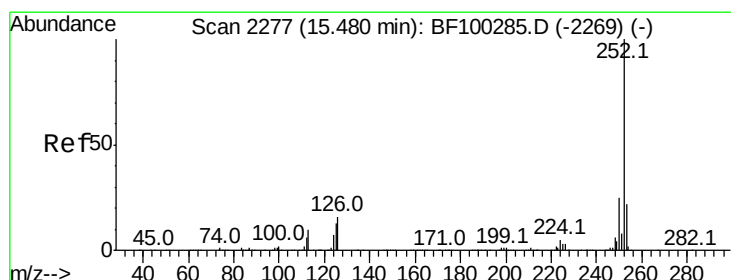
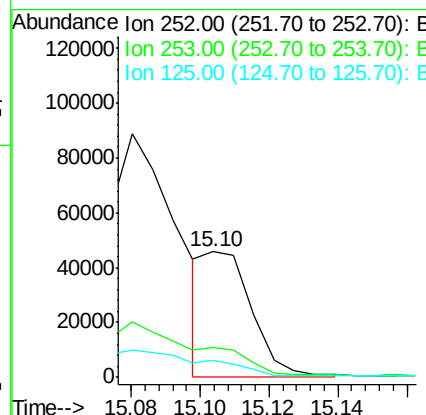
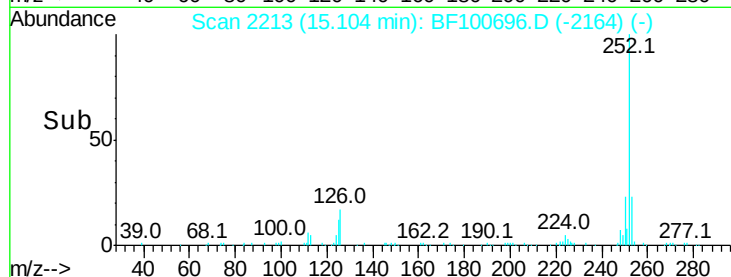
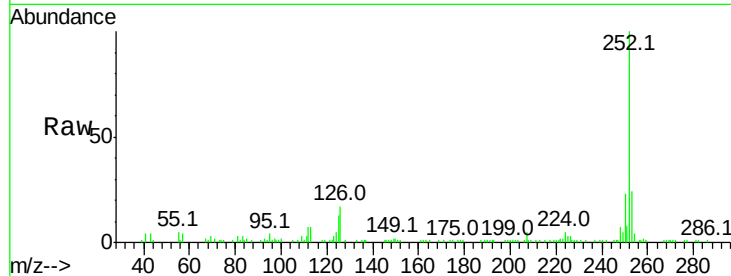
#88
Benzo(k)fluoranthene
Concen: 3.227 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Instrument :
BNA_F
ClientSampleId :
B8(0-10)COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	13.1	10.2	15.2

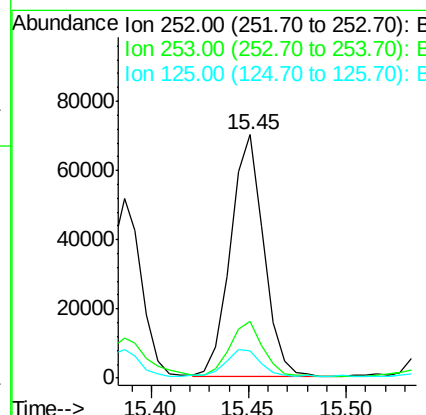
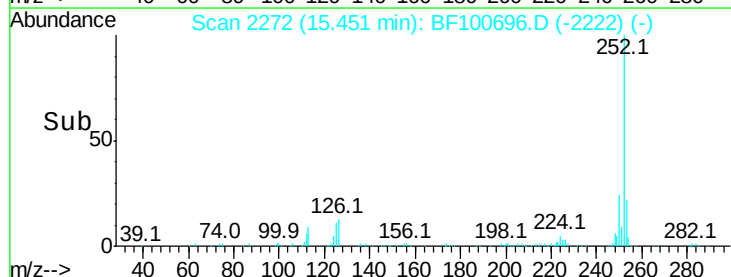
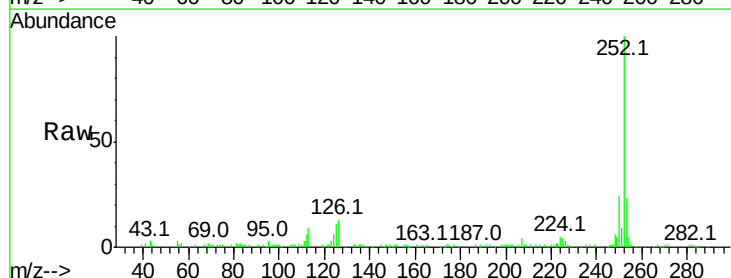
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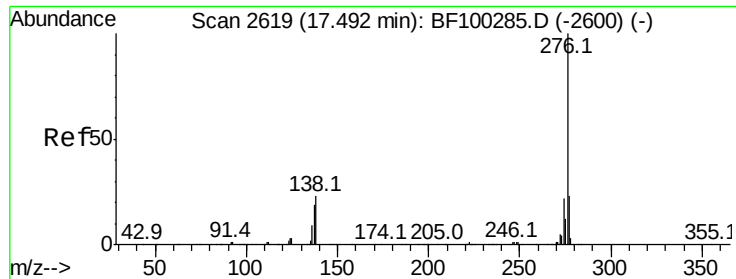
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#89
Benzo(a)pyrene
Concen: 6.469 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100696.D
Acq: 18 Nov 2017 1:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.2	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.983 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF100696.D
 Acq: 18 Nov 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :
 B8(0-10)COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	23.9	21.8	32.8

Manual Integrations
 APPROVED

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