

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100506.D
 Acq On : 13 Nov 2017 17:17
 Operator : SJ/JU
 Sample : I6301-11 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-F

Manual Integrations
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 11/14/2017 5:20:25 PM

Quant Time: Nov 14 02:19:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 13 14:08:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	80658	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	295533	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	117580	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	189671	20.00	ng	0.00
75) Chrysene-d12	14.05	240	180461	20.00	ng	0.00
86) Perylene-d12	15.53	264	140083	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	187084	37.18	ng	0.00
7) Phenol-d6	6.51	99	220104	35.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	128982	28.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	46919	39.16	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	253138	32.78	ng	0.00
78) Terphenyl-d14	12.99	244	180284	22.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.19	128	45494	3.196	ng	98
49) Dimethylphthalate	9.63	163	32836	3.658	ng	# 97
70) Phenanthrene	11.43	178	84351	8.447	ng	99
71) Anthracene	11.49	178	24082	2.377	ng	98
74) Fluoranthene	12.62	202	103905	9.817	ng	94
77) Pyrene	12.86	202	96182	7.477	ng	98
80) Benzo(a)anthracene	14.04	228	43433	3.997	ng	96
82) Chrysene	14.07	228	39219m	3.727	ng	
85) Indeno(1,2,3-cd)pyrene	17.01	276	17593	2.067	ng	# 91
87) Benzo(b)fluoranthene	15.10	252	45728m	5.510	ng	
89) Benzo(a)pyrene	15.47	252	30271	4.114	ng	# 92
91) Benzo(a,h,i)perylene	17.47	276	17108	2.905	ng	95

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

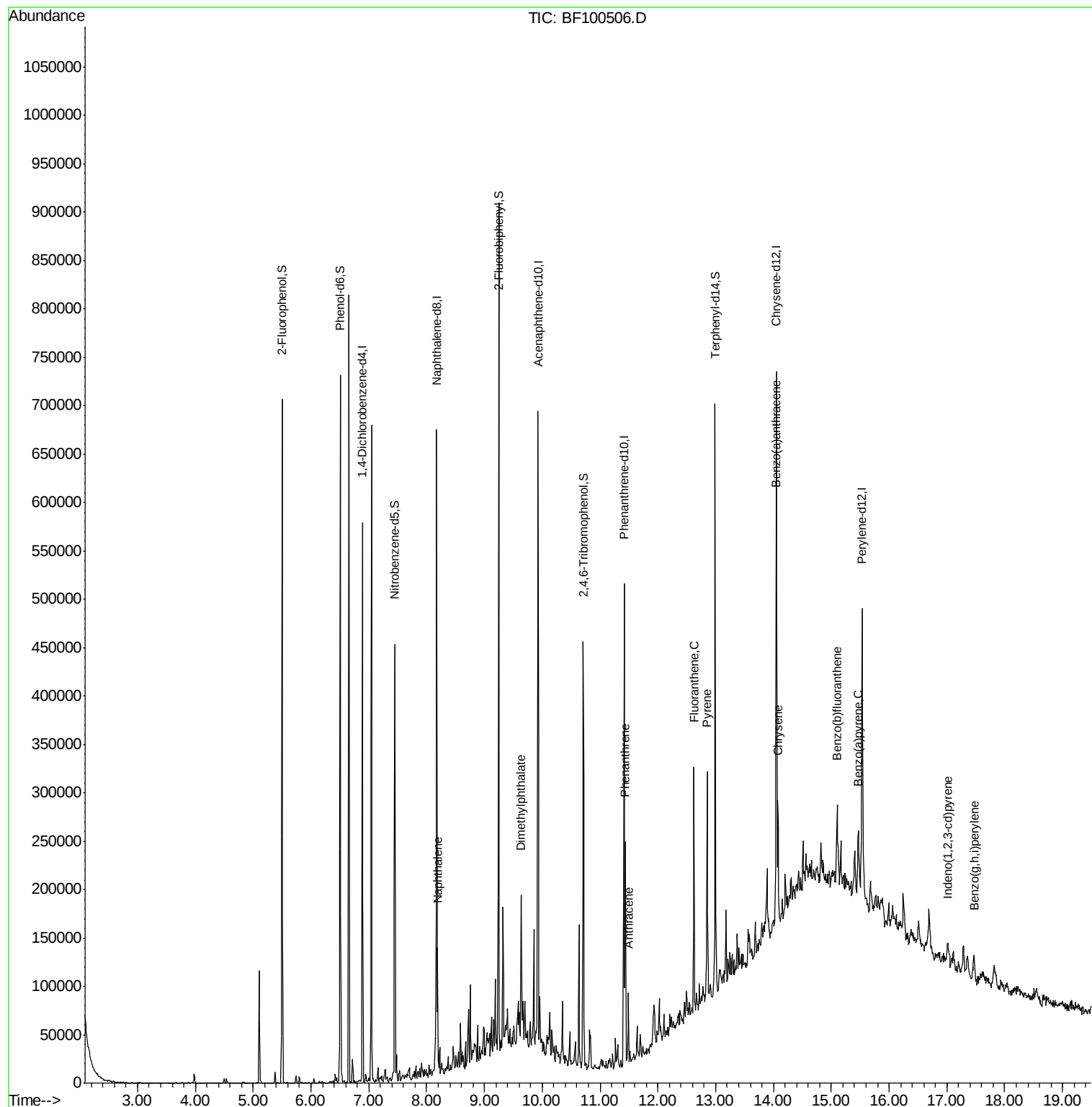
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100506.D
Acq On : 13 Nov 2017 17:17
Operator : SJ/JU
Sample : I6301-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 14 02:19:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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Response via : Initial Calibration





#1

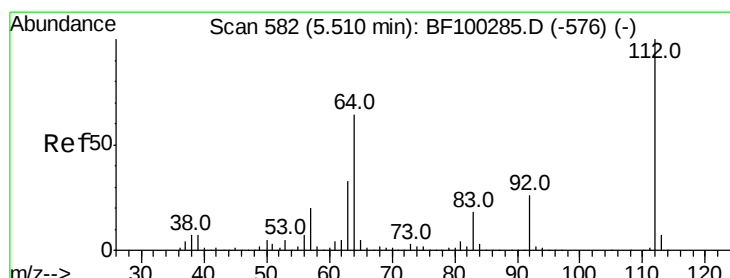
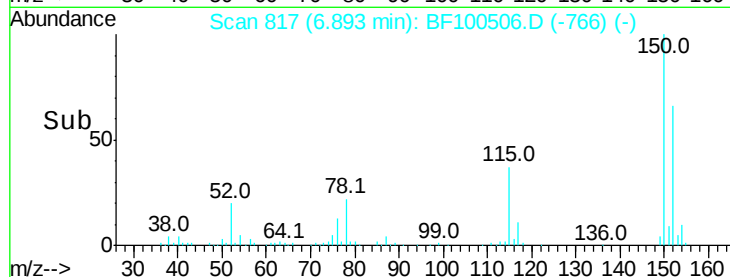
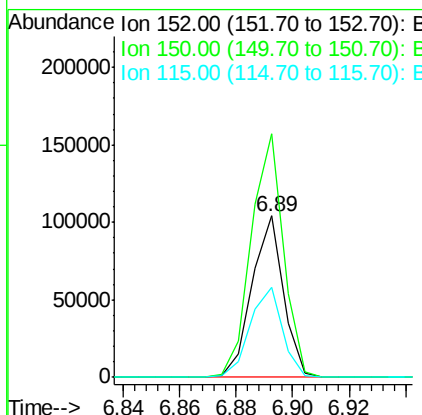
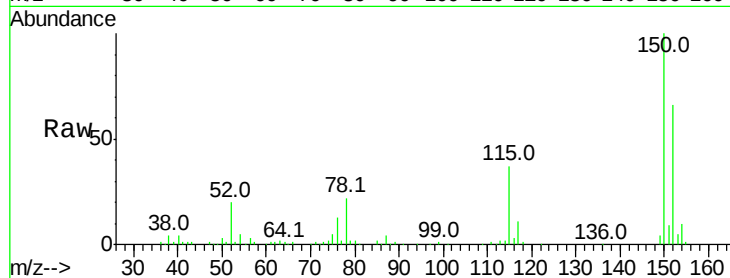
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	56.1	50.1	75.1

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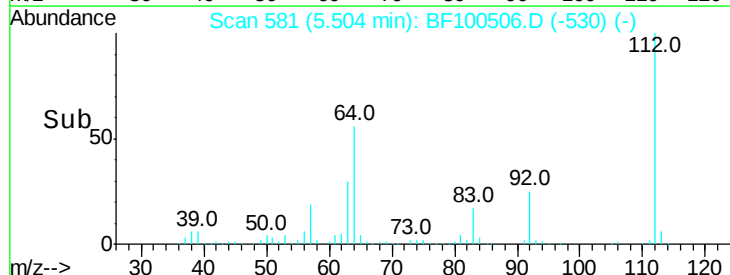
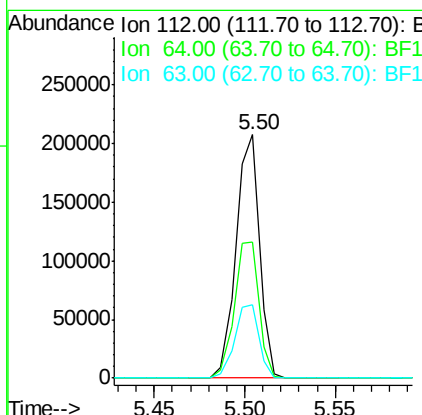
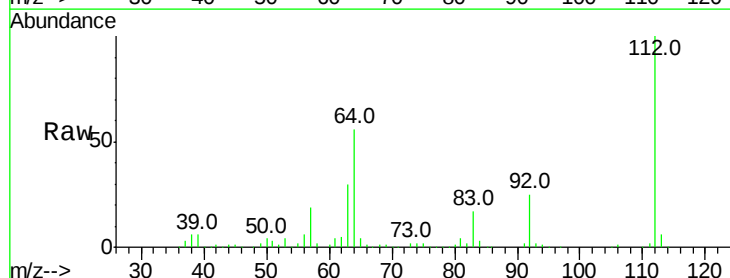
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#5

2-Fluorophenol
Concen: 37.181 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 35.473 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

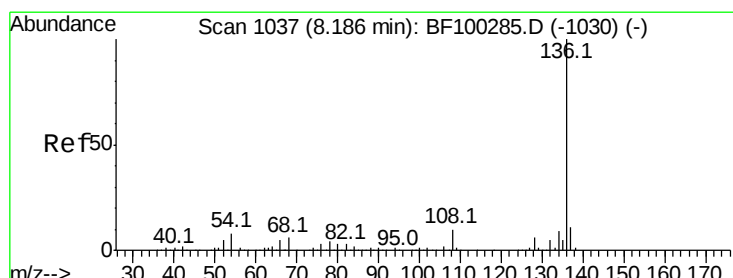
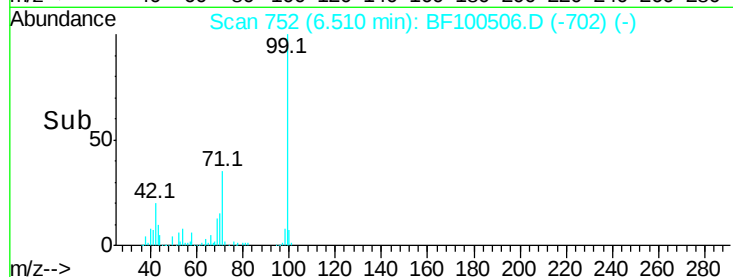
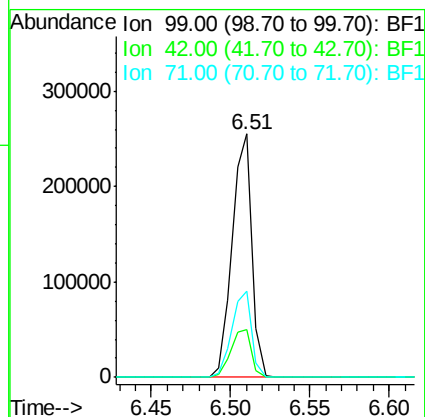
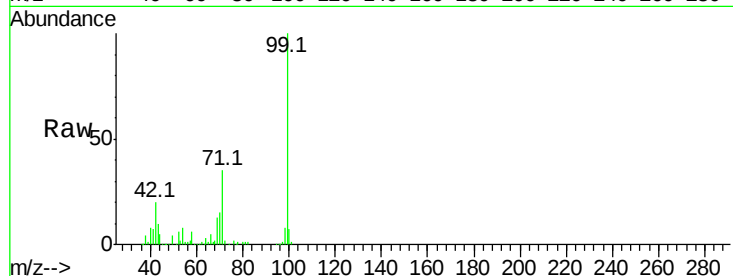
ClientSampleId :

JC-02-110917-F

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		220104		
42	19.5	14.5	21.7		
71	35.3	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

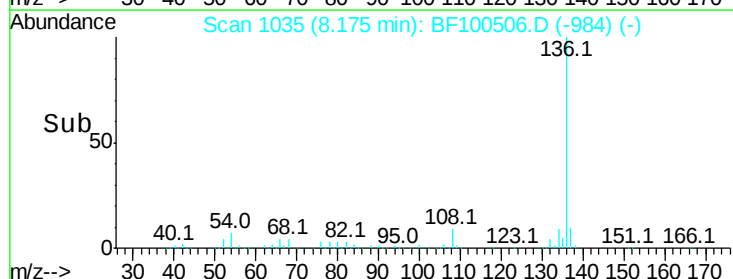
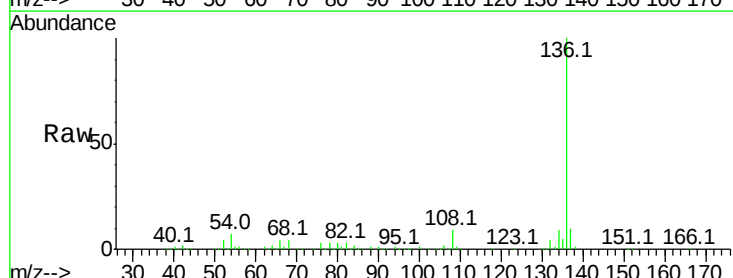
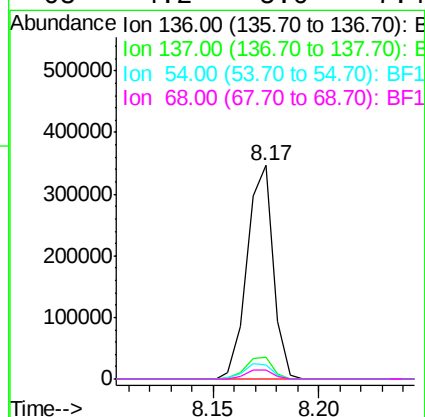
RT: 8.17 min Scan# 1035

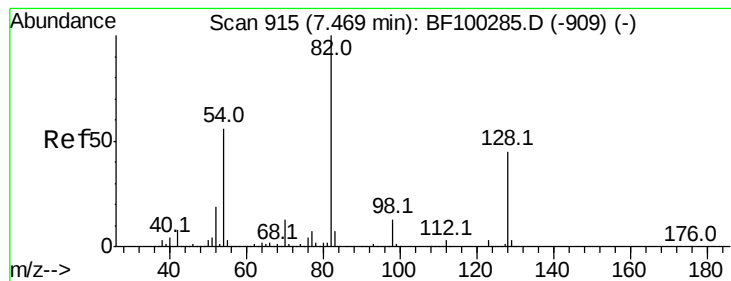
Delta R.T. 0.00 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		295533		
137	10.3	8.9	13.3		
54	6.8	6.6	9.8		
68	4.2	5.0	7.4#		





#23

Nitrobenzene-d5

Concen: 28.854 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

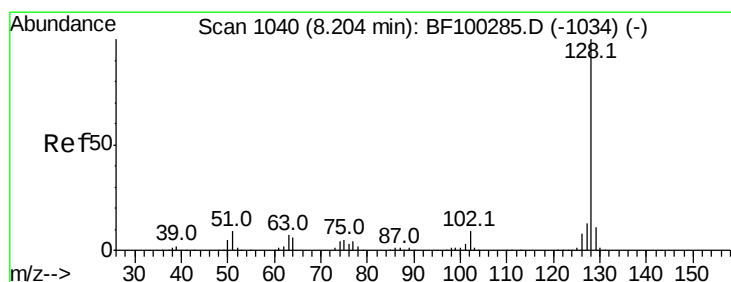
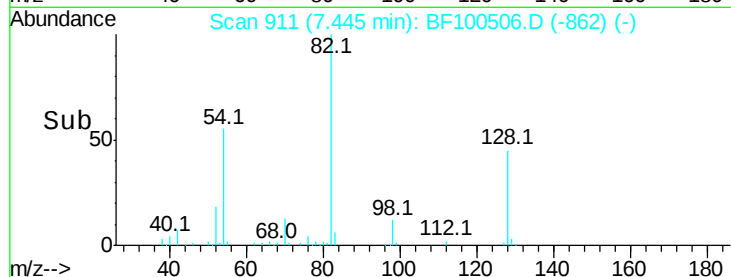
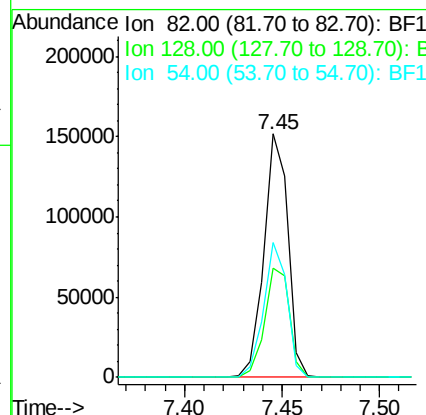
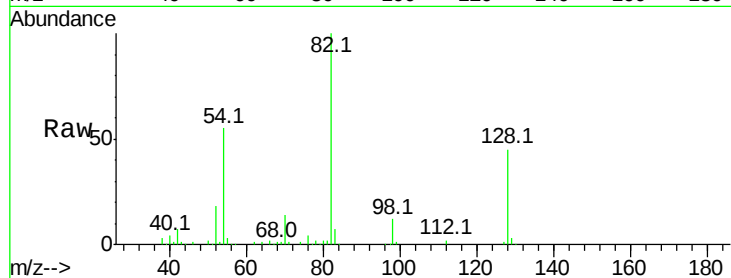
ClientSampleId :

JC-02-110917-F

Tot Ion:	82	Resp:	128982
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.1	54.1
54	55.3	41.4	62.2

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#31

Naphthalene

Concen: 3.196 ng

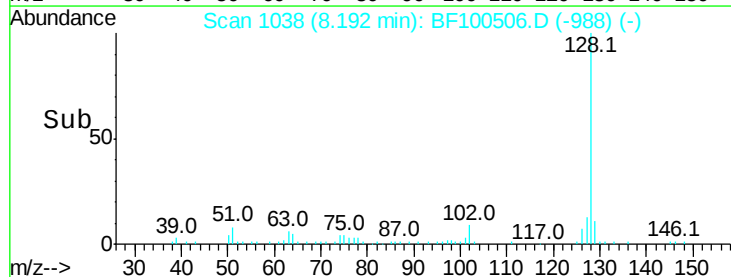
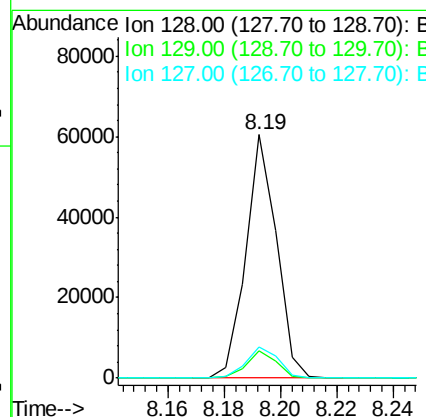
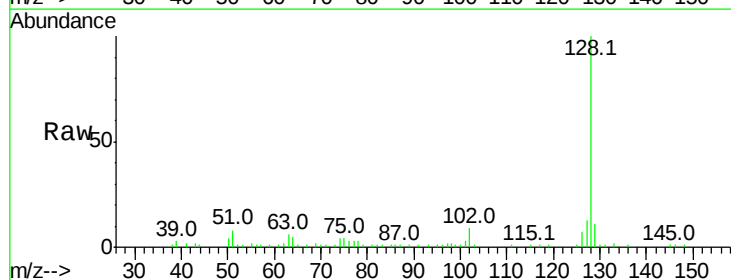
RT: 8.19 min Scan# 1038

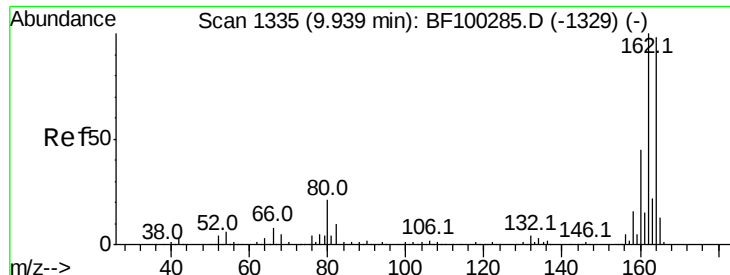
Delta R.T. -0.01 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Tgt Ion:	128	Resp:	45494
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	12.6	10.9	16.3





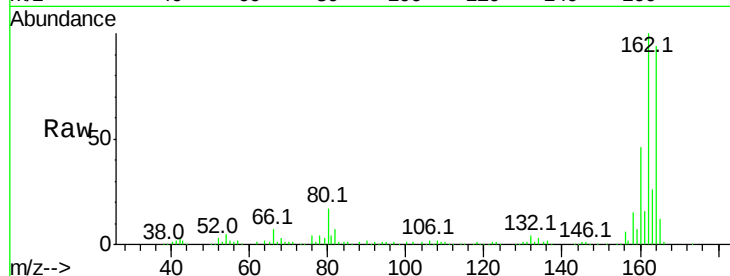
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-F

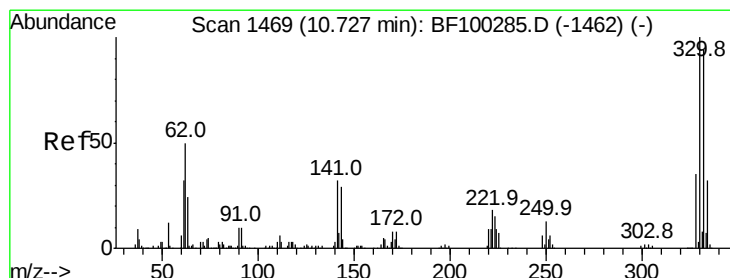
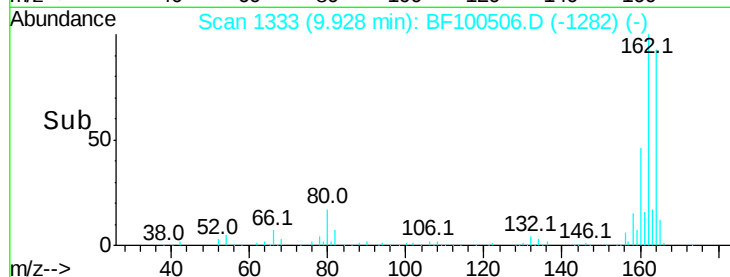
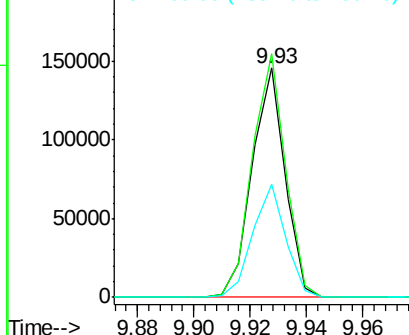
Tot Ion	Ratio	Resp	Lower	Upper
164	100	117580		
162	106.3	86.1	129.1	
160	49.3	38.3	57.5	

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11/14/2017 5:20:25 PM

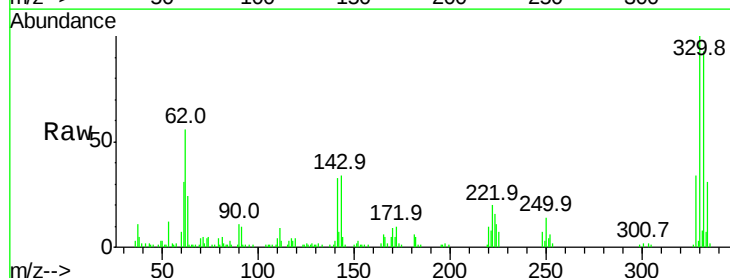


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

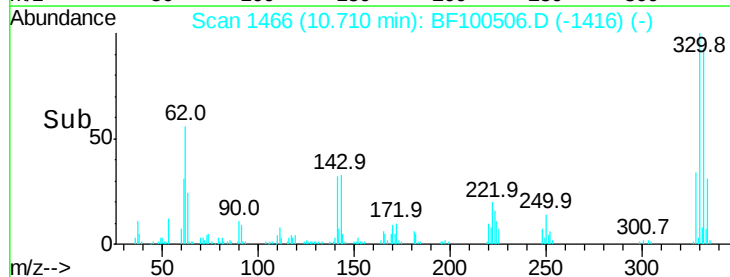
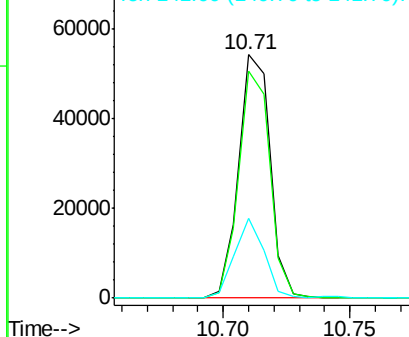


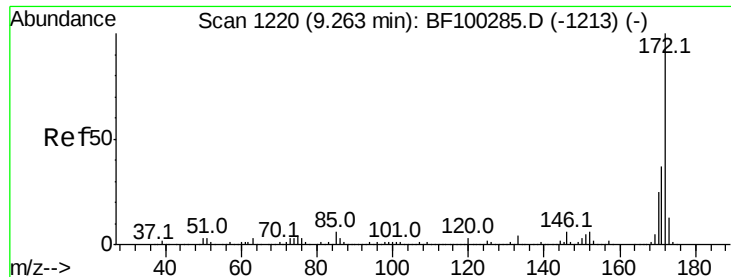
#41
2,4,6-Tribromophenol
Concen: 39.160 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	46919		
332	92.5	77.0	115.6	
141	30.7	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





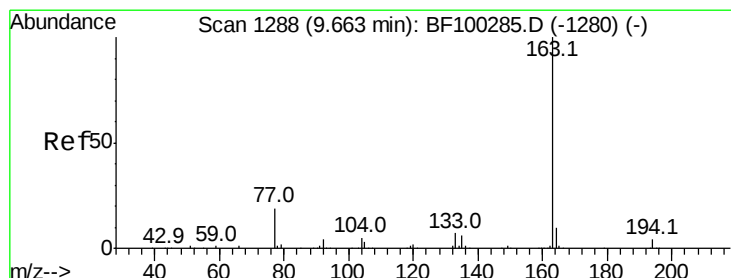
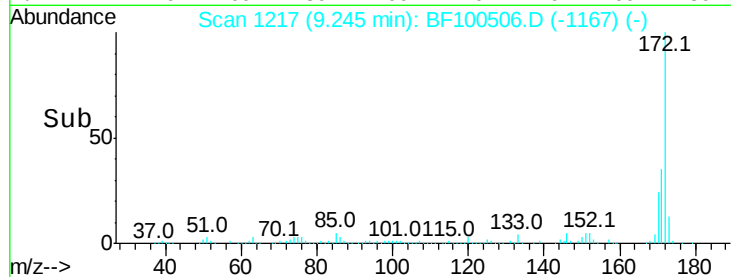
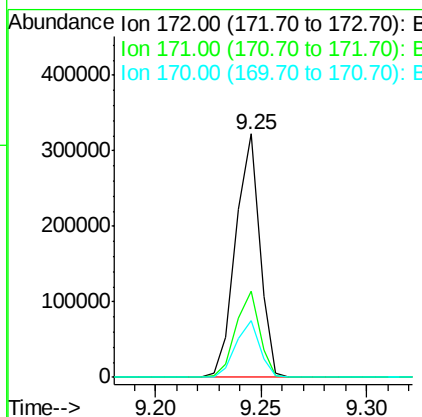
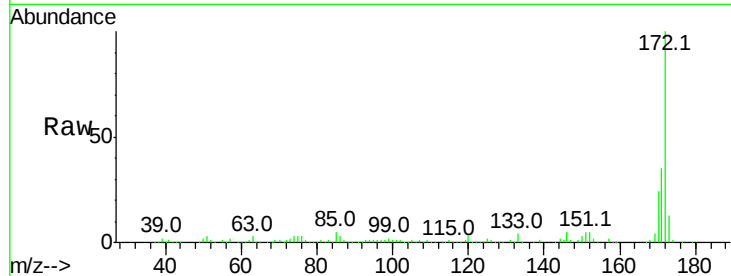
#44
2-Fluorobiphenyl
Concen: 32.782 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-F

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	29.7	44.5	
170	23.6	19.6	29.4	

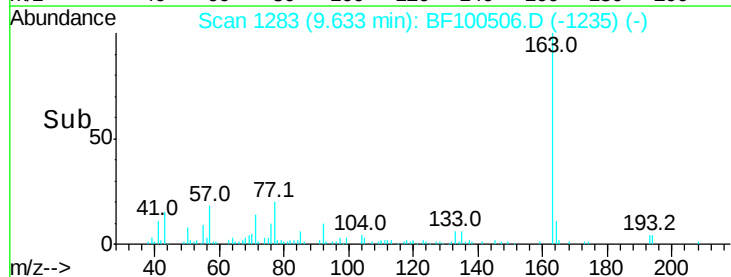
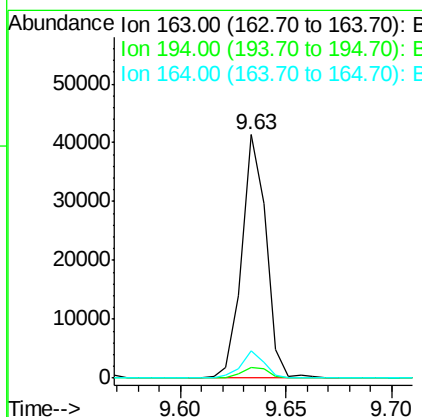
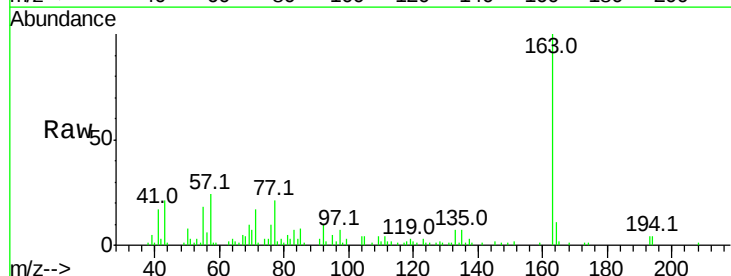
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11/14/2017 5:20:25 PM



#49
Dimethylphthalate
Concen: 3.658 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.7	4.1#	
164	11.2	8.2	12.2	





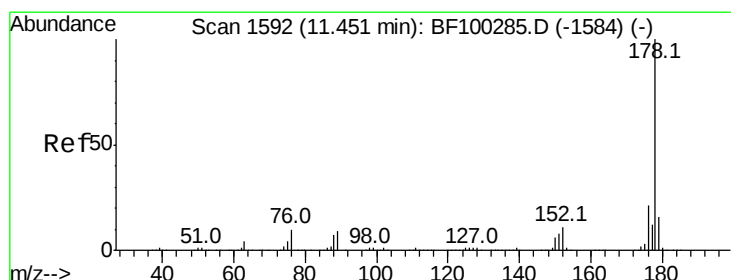
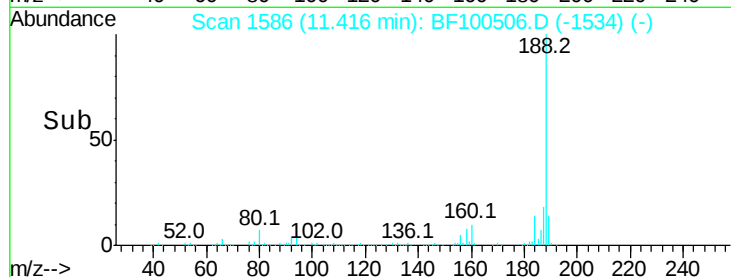
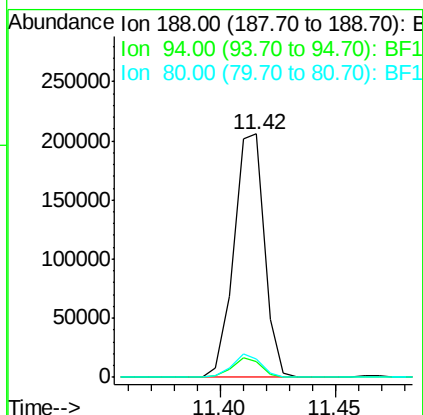
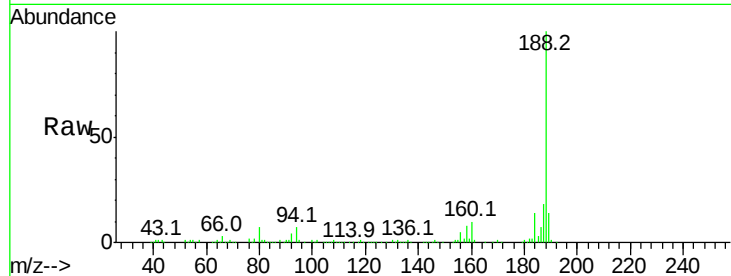
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-F

Tot Ion	Ratio	Resp	Lower	Upper
188	100	189671		
94	6.6	8.5	12.7#	
80	7.3	9.2	13.8#	

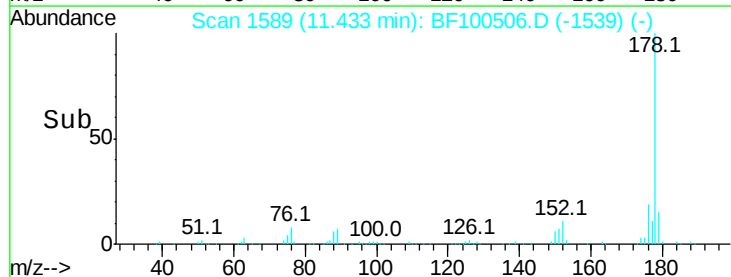
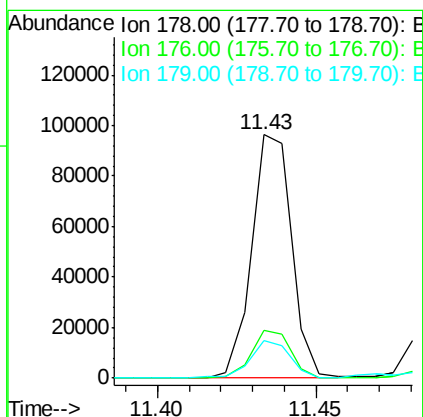
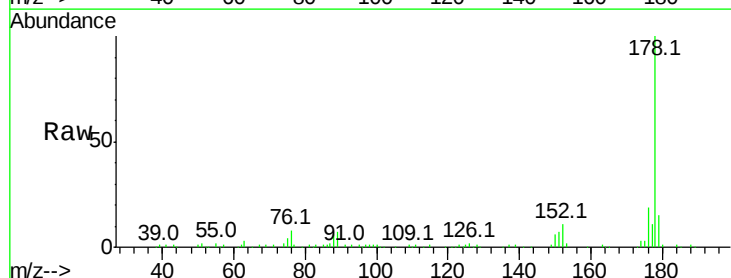
Manual Integrations
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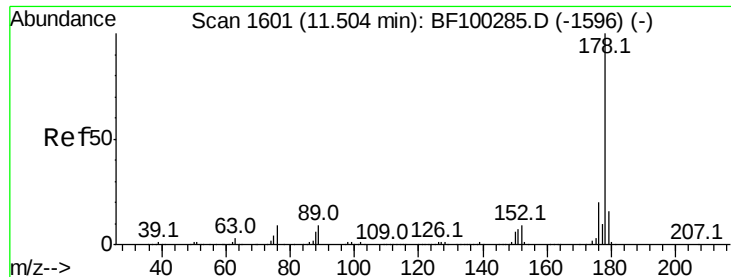
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#70
Phenanthrene
Concen: 8.447 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	84351		
176	19.5	15.8	23.8	
179	15.5	13.0	19.6	





#71

Anthracene

Concen: 2.377 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

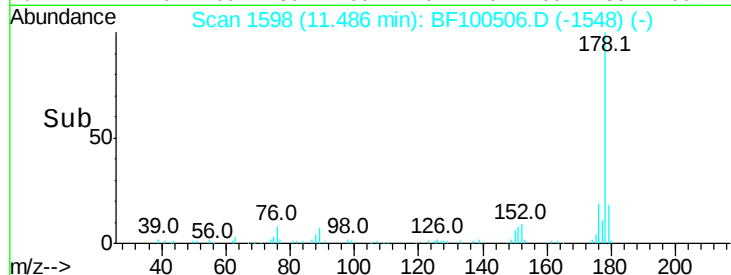
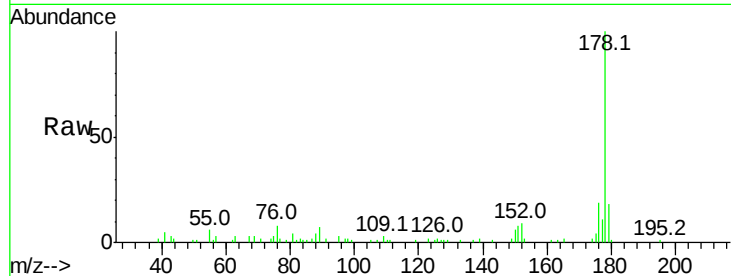
ClientSampleId :

JC-02-110917-F

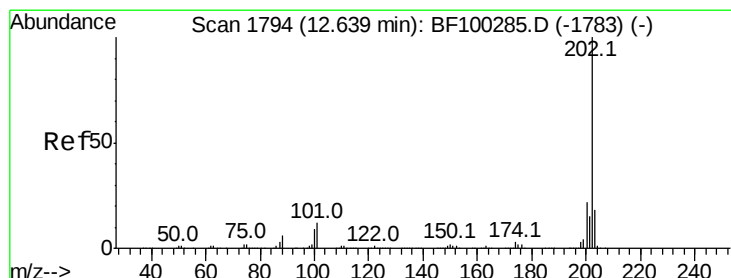
Tot Ion:	178	Resp:	24082
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	18.1	12.6	19.0

Manual Integrations
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11/14/2017 5:20:25 PM



Time-->



#74

Fluoranthene

Concen: 9.817 ng

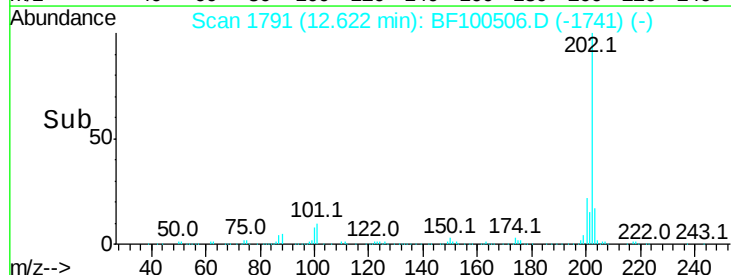
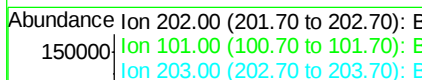
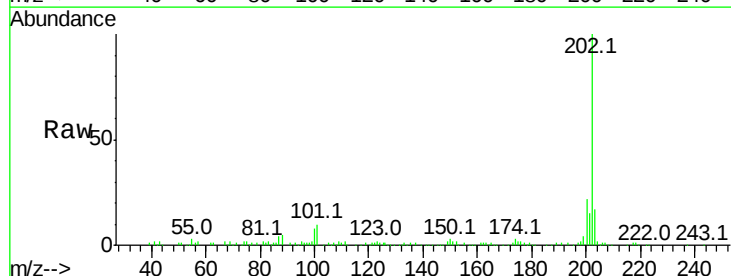
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Delta R.T. -0.01 min

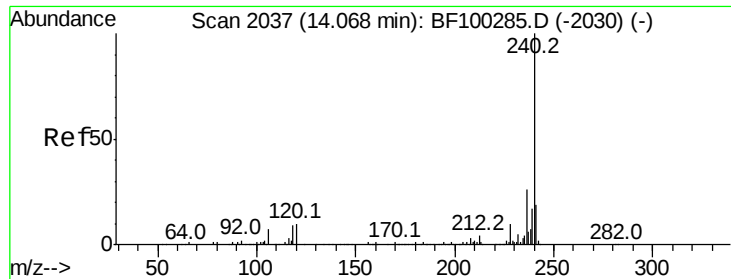
Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Tgt Ion:	202	Resp:	103905
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	16.8	0.0	38.1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

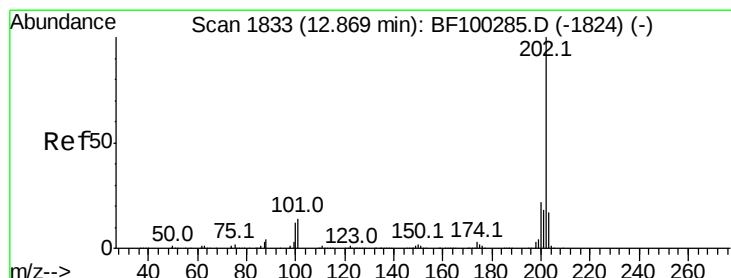
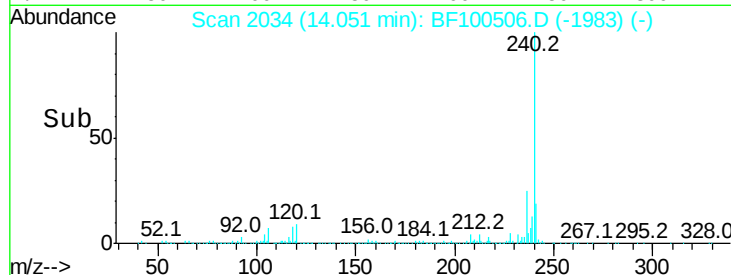
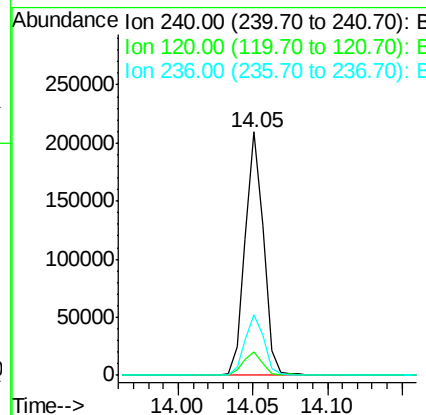
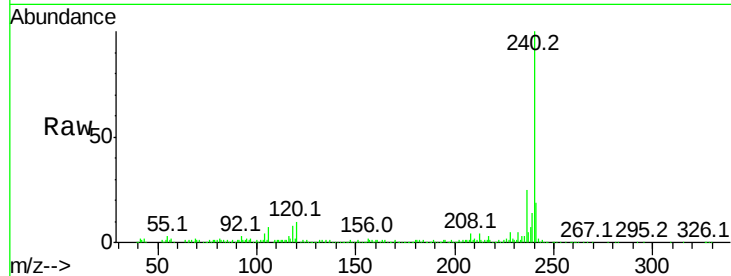
ClientSampleId :

JC-02-110917-F

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	24.9	20.7	31.1

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11/14/2017 5:20:25 PM



#77

Pyrene

Concen: 7.477 ng

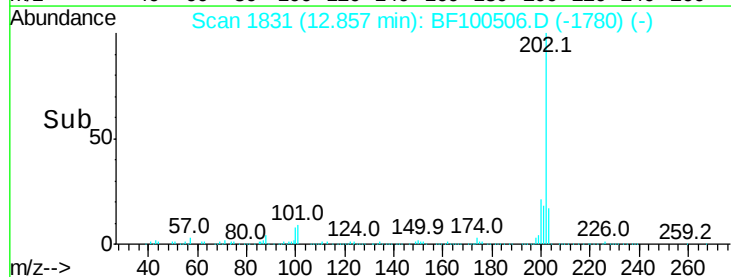
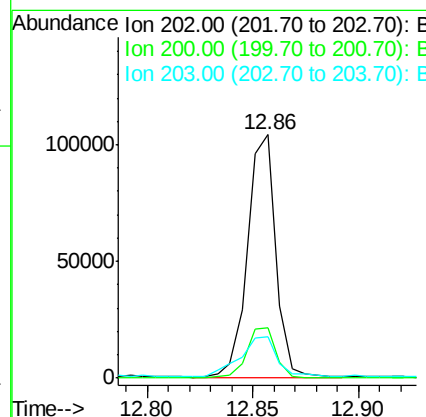
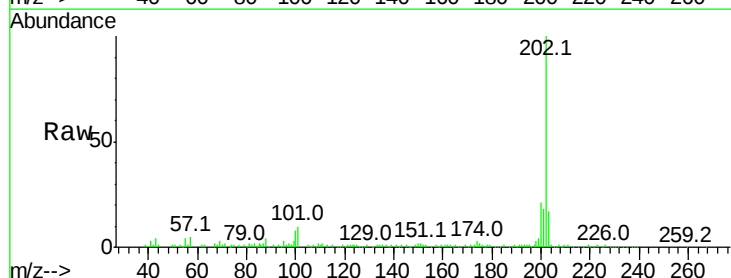
RT: 12.86 min Scan# 1831

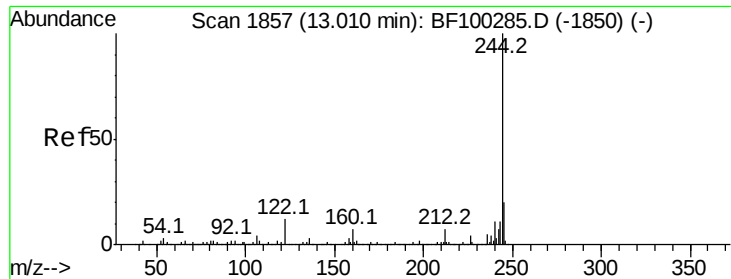
Delta R.T. 0.00 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.2	14.3	21.5





#78

Terphenyl-d14

Concen: 22.955 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

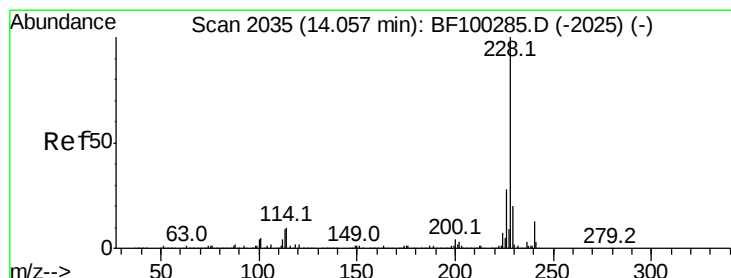
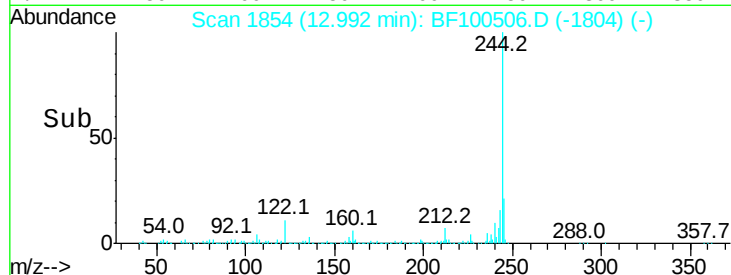
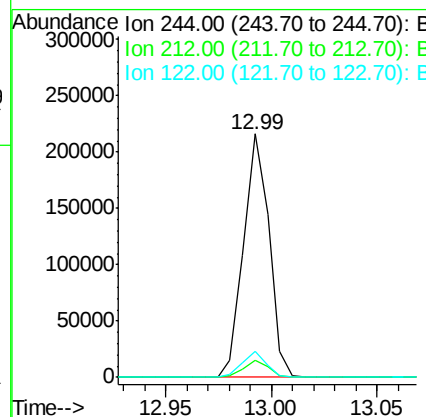
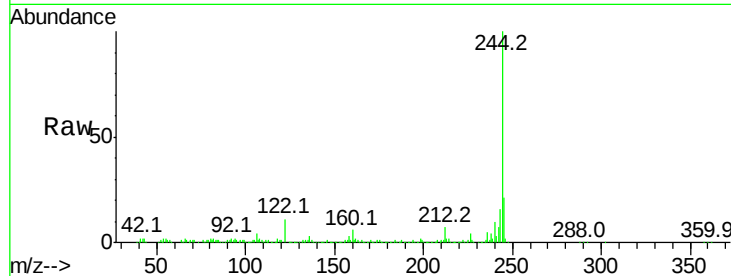
ClientSampleId :

JC-02-110917-F

Tot Ion:	244	Resp:	180284
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	10.9	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 3.997 ng

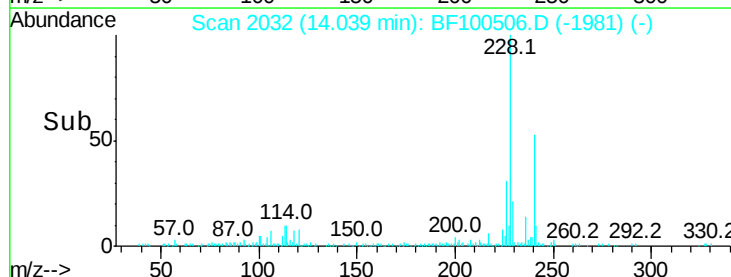
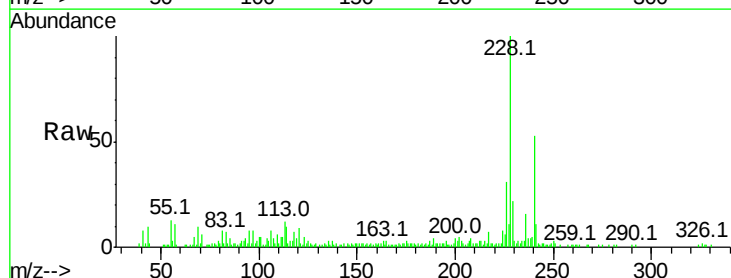
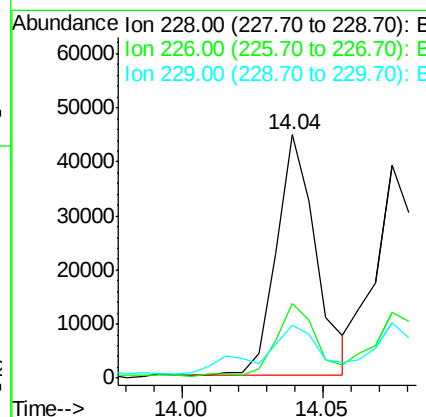
RT: 14.04 min Scan# 2032

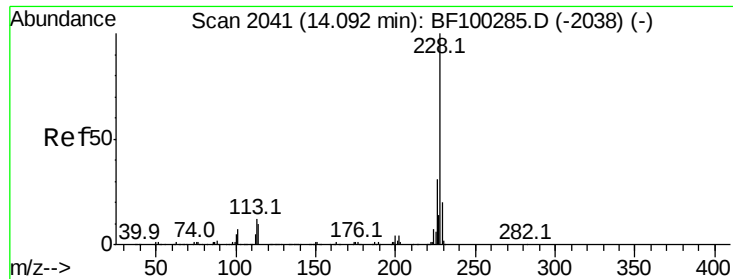
Delta R.T. 0.00 min

Lab File: BF100506.D

Acq: 13 Nov 2017 17:17

Tgt Ion:	228	Resp:	43433
Ion Ratio	Lower	Upper	
228	100		
226	30.5	22.6	33.8
229	21.6	15.8	23.6





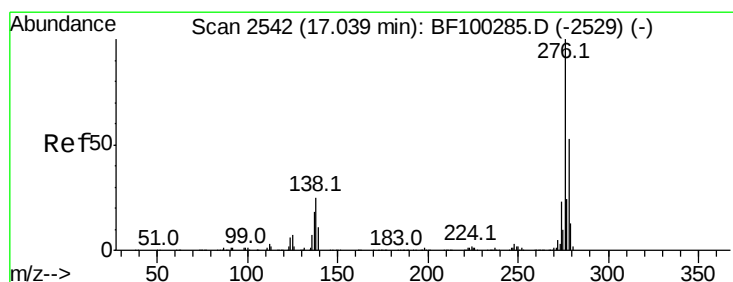
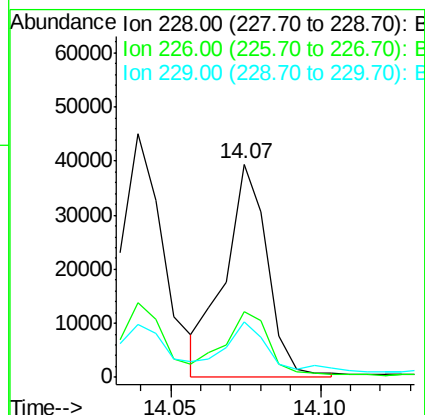
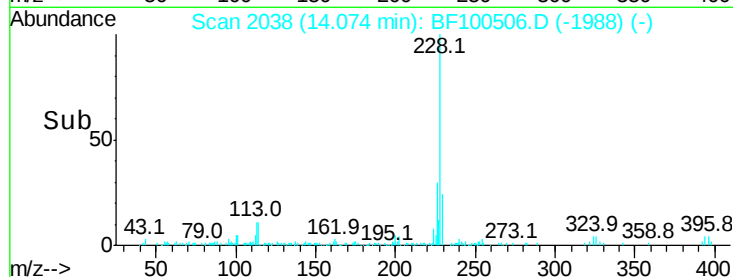
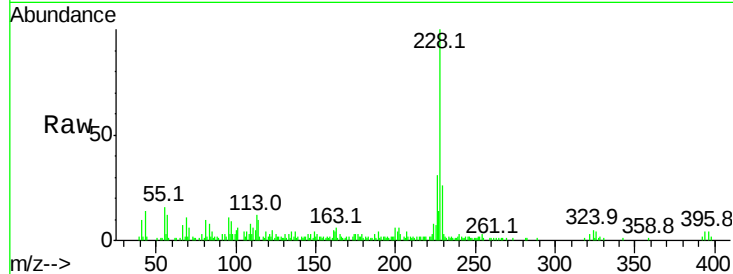
#82
Chrysene
Concen: 3.727 ng/ml
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-F

Tot Ion:	228	Resp:	39219
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	25.9	16.2	24.4

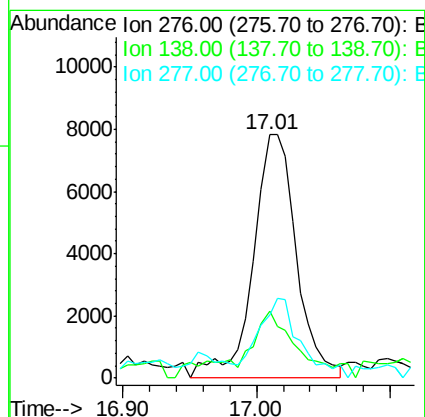
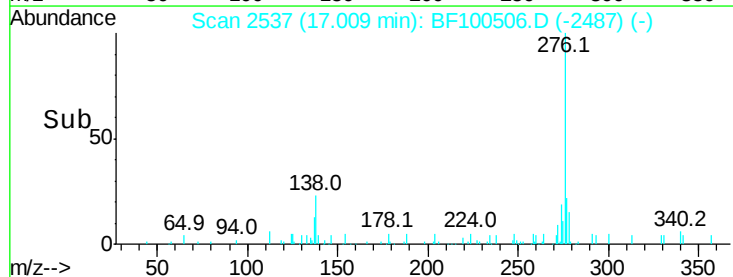
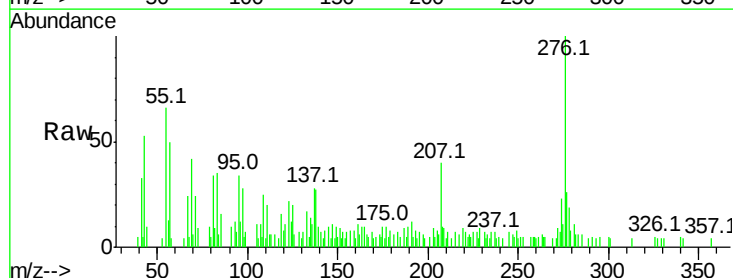
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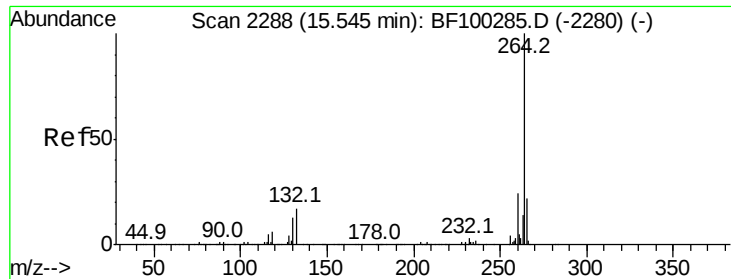
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.067 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Tgt Ion:	276	Resp:	17593
Ion Ratio	Lower	Upper	
276	100		
138	27.8	25.0	37.6
277	31.5	20.1	30.1





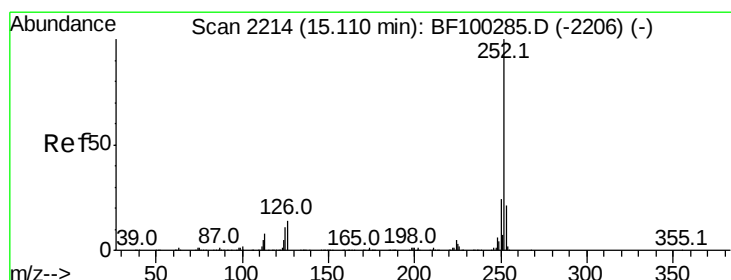
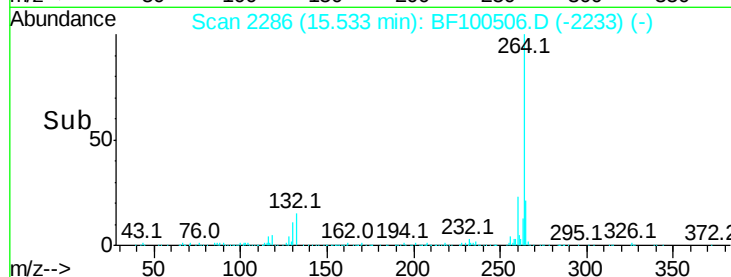
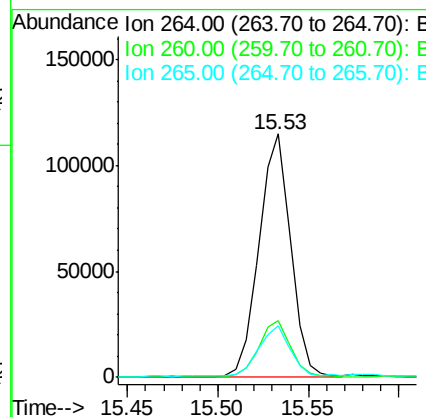
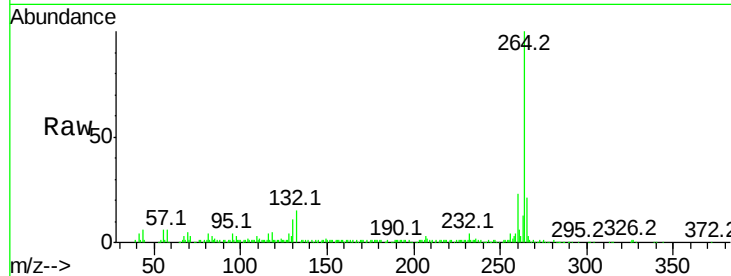
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-F

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3

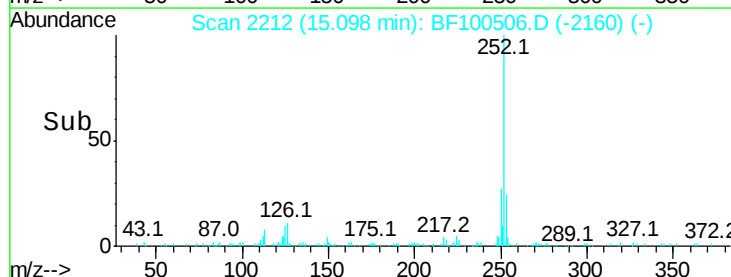
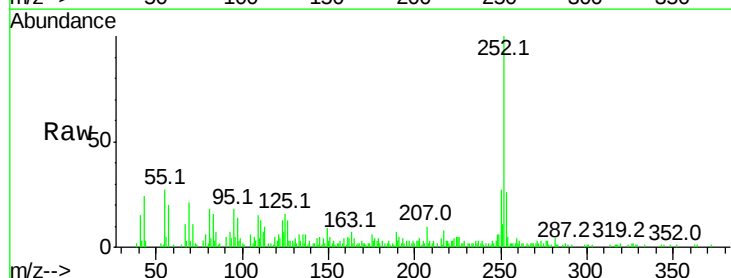
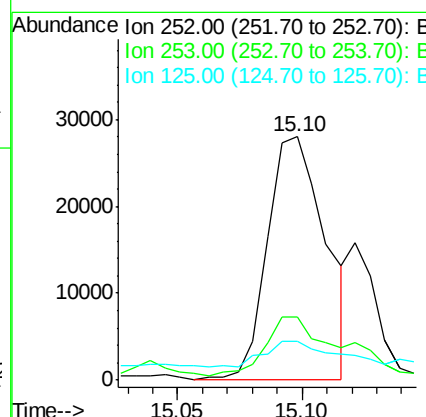
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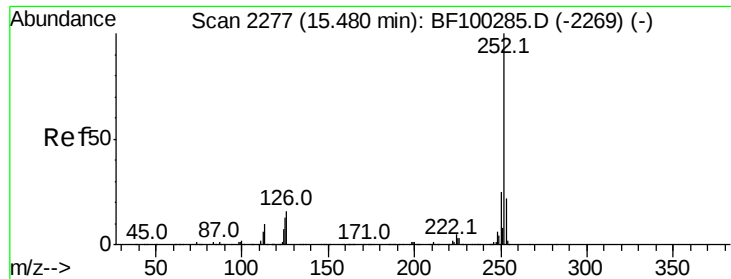
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11/14/2017 5:20:25 PM



#87
Benzo(b)fluoranthene
Concen: 5.510 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	16.2	9.0	13.6#





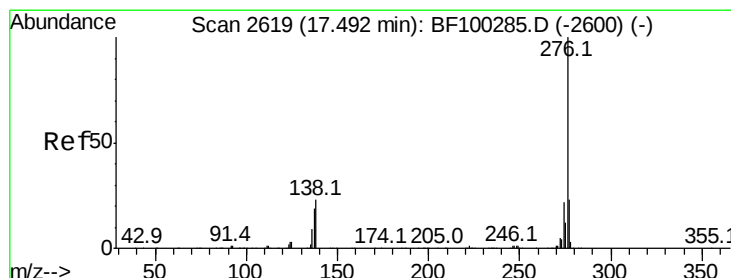
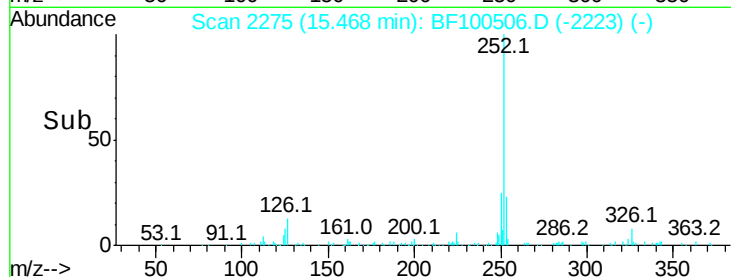
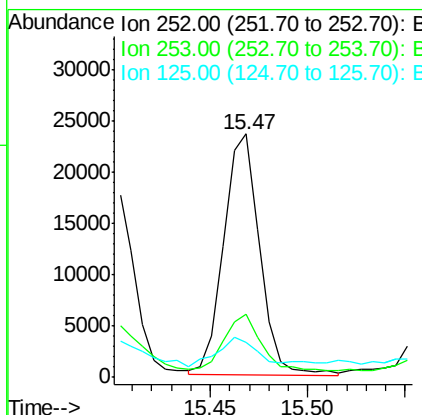
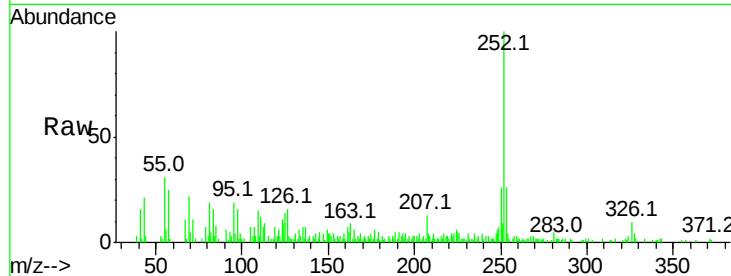
#89
Benzo(a)pyrene
Concen: 4.114 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-F

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	14.2	9.8	14.6

Manual Integrations
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11/14/2017 5:20:25 PM



#91
Benzo(g,h,i)perylene
Concen: 2.905 ng
RT: 17.47 min Scan# 2615
Delta R.T. 0.01 min
Lab File: BF100506.D
Acq: 13 Nov 2017 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	25.9	21.8	32.8

