

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100791.D
 Acq On : 21 Nov 2017 20:07
 Operator : SJ/JU
 Sample : I6499-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(7-8)

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:25 PM

Quant Time: Nov 22 06:37:38 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	78712	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	304643	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	134976	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	232997	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	159729	20.00	ng	-0.01
86) Perylene-d12	15.50	264	184658	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	594555	121.08	ng	0.00
7) Phenol-d6	6.50	99	714129	117.94	ng	0.00
23) Nitrobenzene-d5	7.43	82	446249	96.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	164489	119.59	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	821347	92.66	ng	-0.01
78) Terphenyl-d14	12.98	244	570023	82.00	ng	0.00
Target Compounds						
10) Phenol	6.52	94	36169	5.690	ng	94
49) Dimethylphthalate	9.62	163	68064	6.605	ng	99
70) Phenanthrene	11.42	178	25547	2.082	ng	99
74) Fluoranthene	12.60	202	45186	3.475	ng	95
77) Pyrene	12.83	202	38813	3.409	ng	100
80) Benzo(a)anthracene	14.02	228	21583	2.244	ng	94
82) Chrysene	14.06	228	21673	2.327	ng	94
87) Benzo(b)fluoranthene	15.07	252	31626m	2.891	ng	
89) Benzo(a)pyrene	15.44	252	23191	2.391	ng	97

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

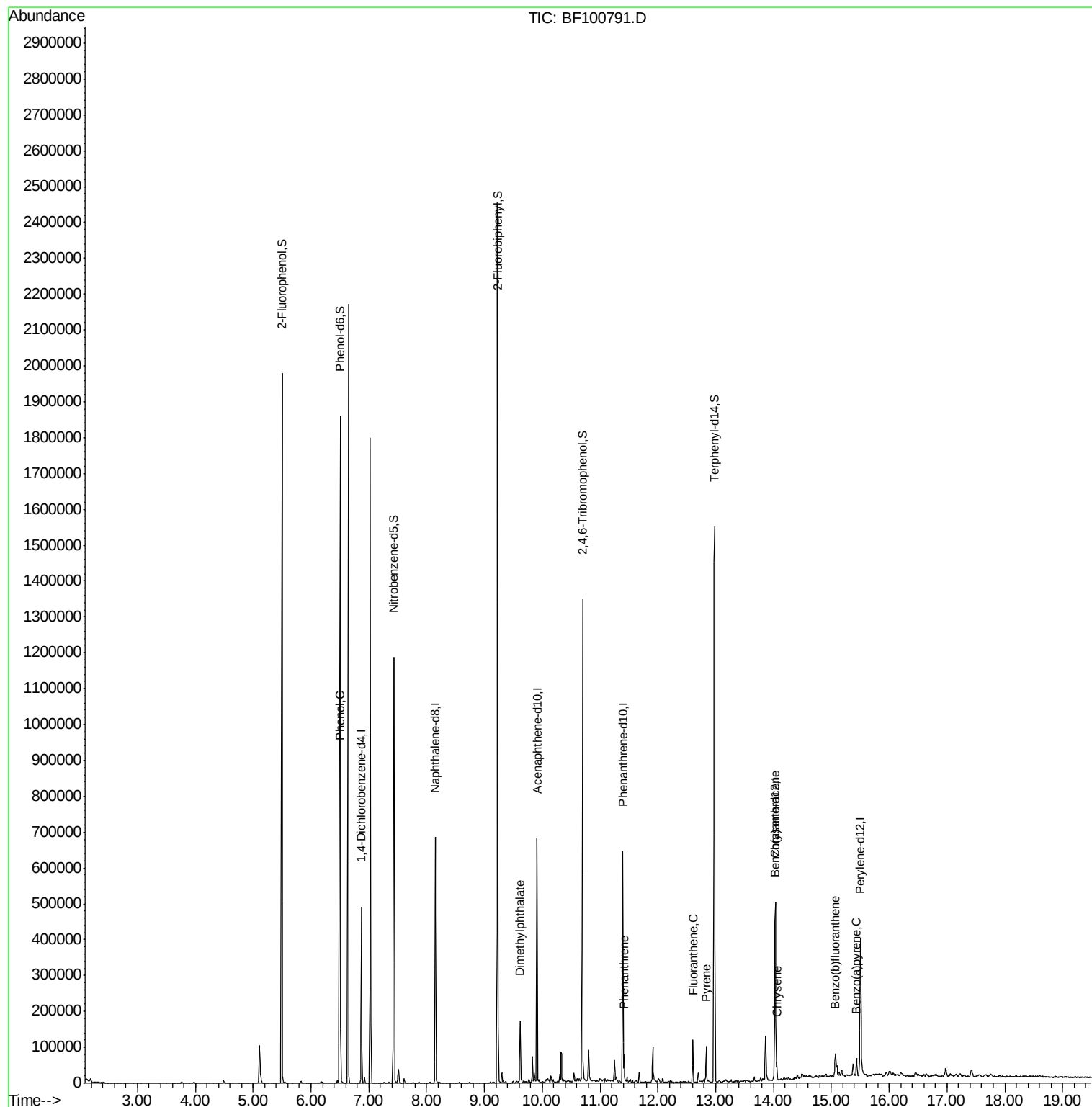
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100791.D
Acq On : 21 Nov 2017 20:07
Operator : SJ/JU
Sample : I6499-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

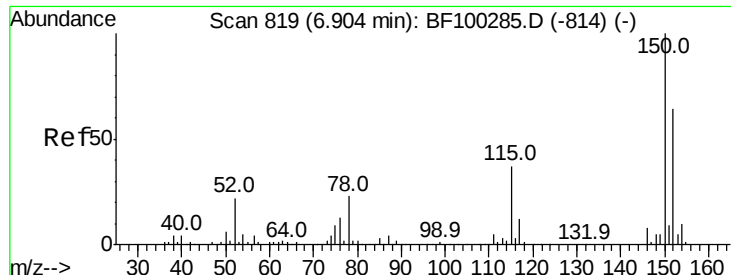
Instrument :
BNA_F
ClientSampleId :
PG1-2-E(7-8)

Manual Integrations
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Response via : Initial Calibration





#1

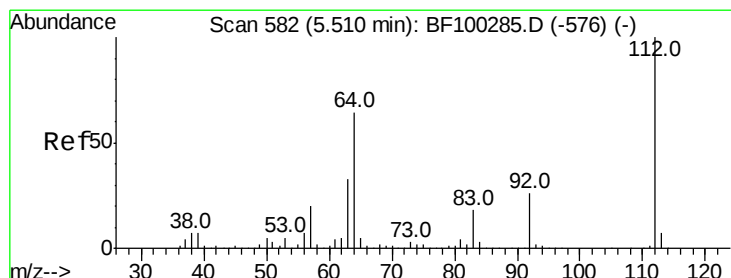
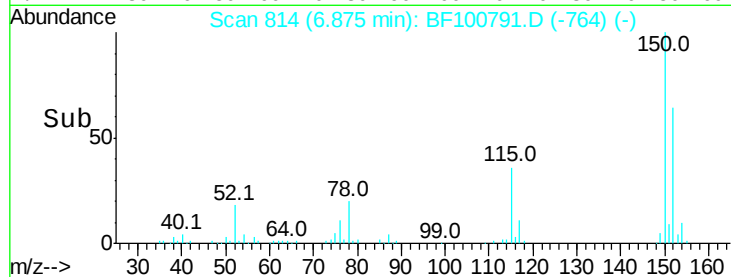
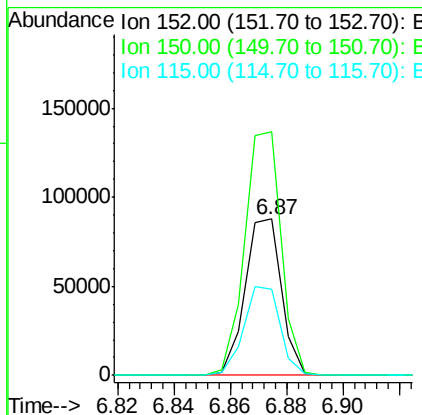
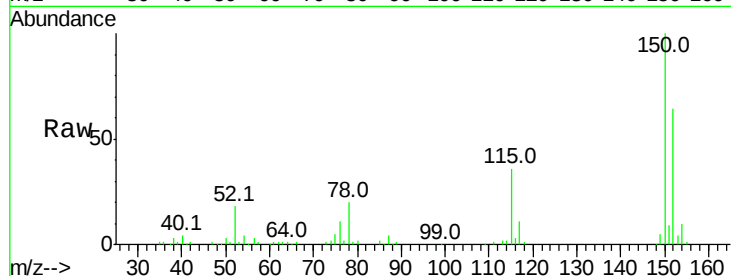
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	55.4	50.1	75.1

Manual Integrations
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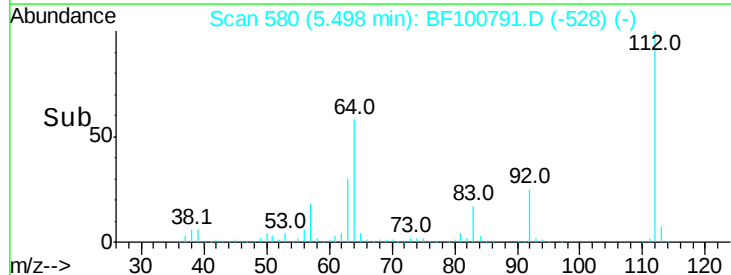
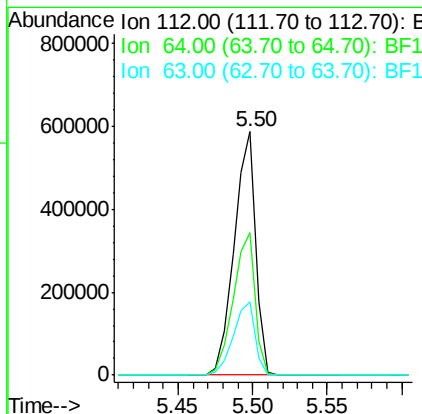
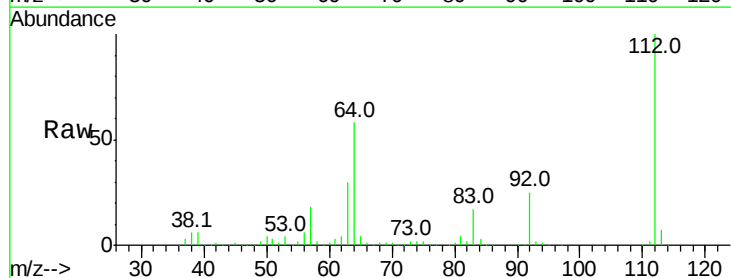
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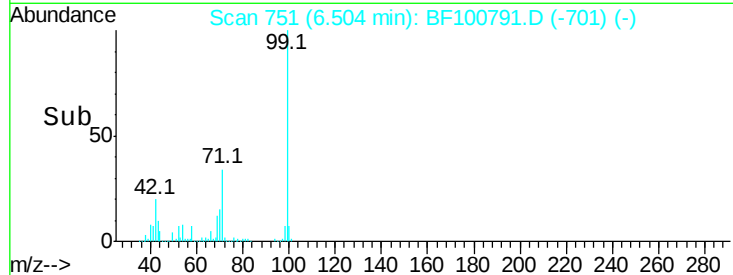
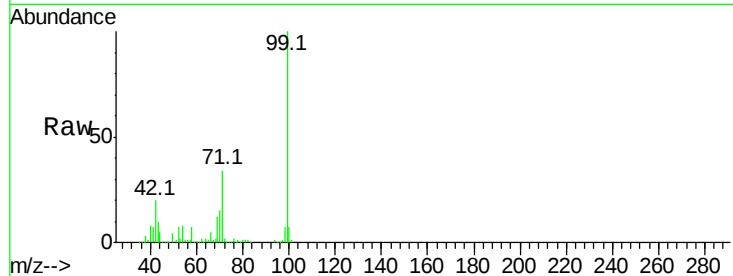


#5

2-Fluorophenol
Concen: 121.082 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 117.939 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100791.D

Acq: 21 Nov 2017 20:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		714129		
42	19.5	14.5	21.7		
71	33.9	25.4	38.0		

Instrument :

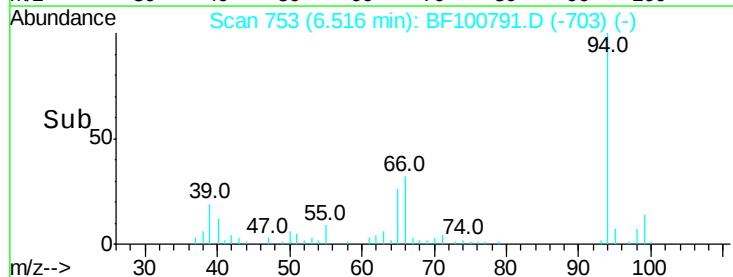
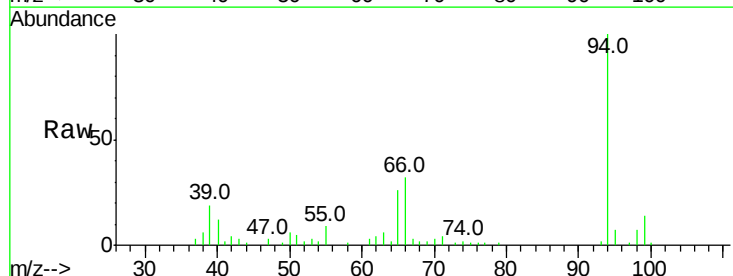
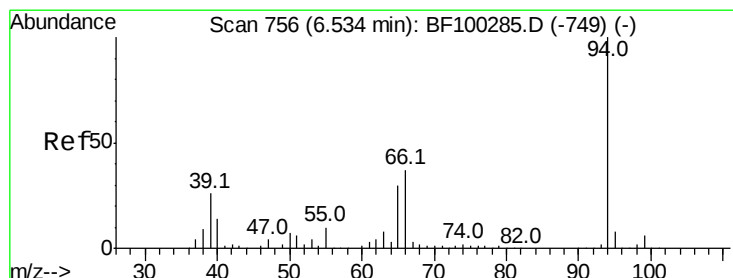
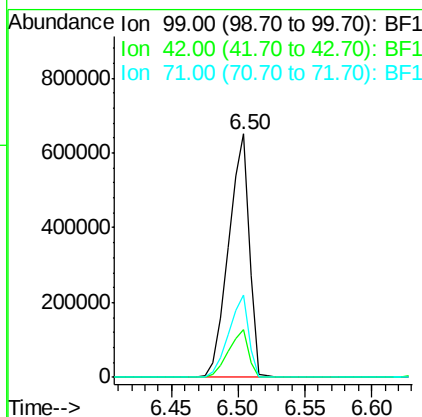
BNA_F

ClientSampleId :

PG1-2-E(7-8)

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#10

Phenol

Concen: 5.690 ng

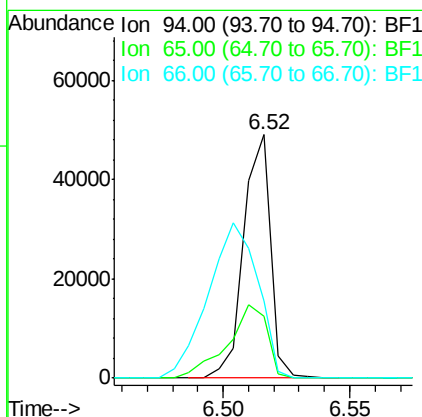
RT: 6.52 min Scan# 753

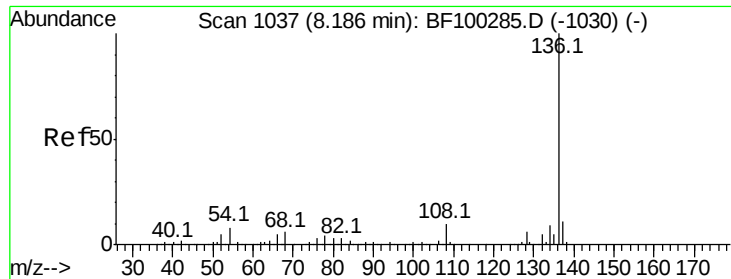
Delta R.T. -0.01 min

Lab File: BF100791.D

Acq: 21 Nov 2017 20:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		36169		
65	25.6	7.9	47.9		
66	31.9	16.2	56.2		





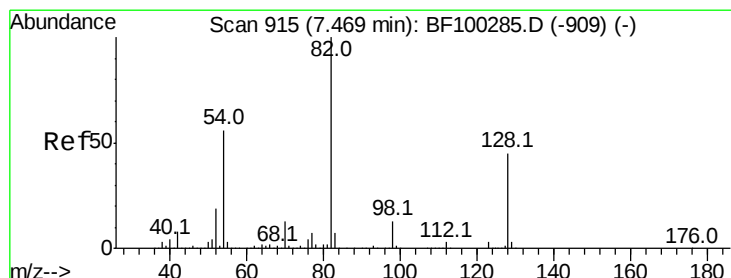
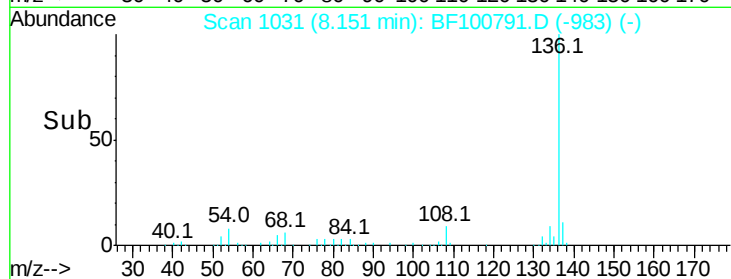
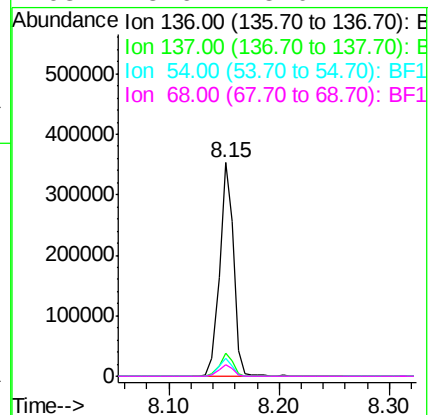
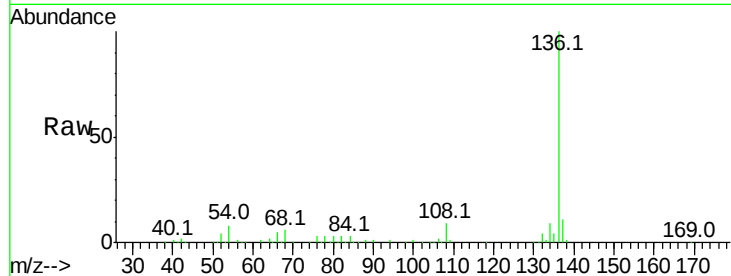
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	8.3	6.6	9.8	
68	5.6	5.0	7.4	

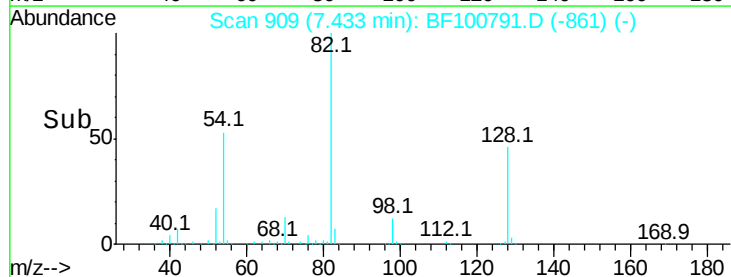
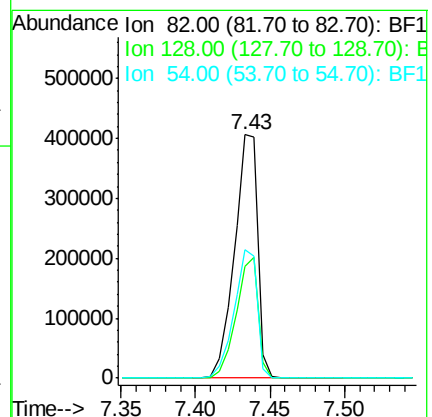
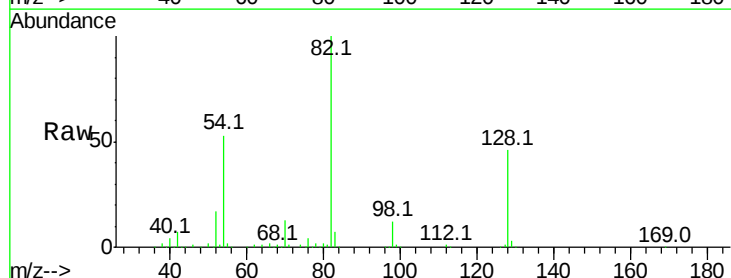
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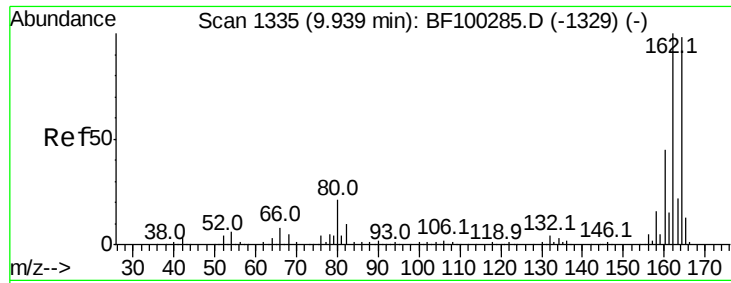
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#23
Nitrobenzene-d5
Concen: 96.845 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	36.1	54.1	
54	52.8	41.4	62.2	





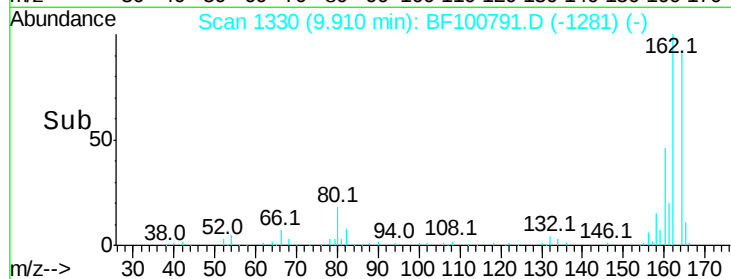
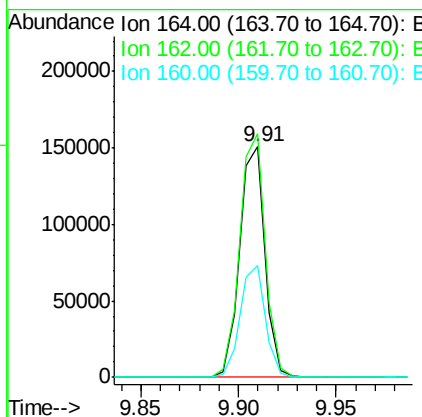
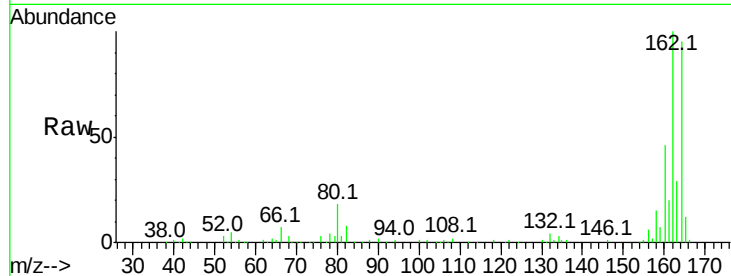
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	48.3	38.3	57.5

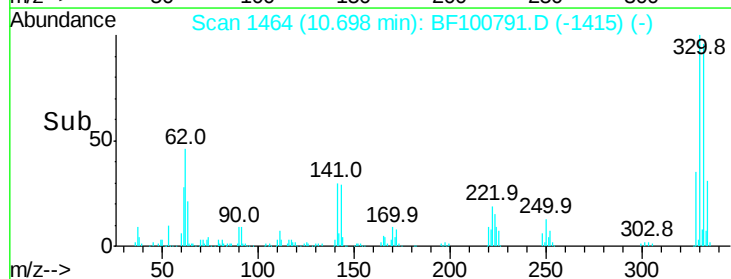
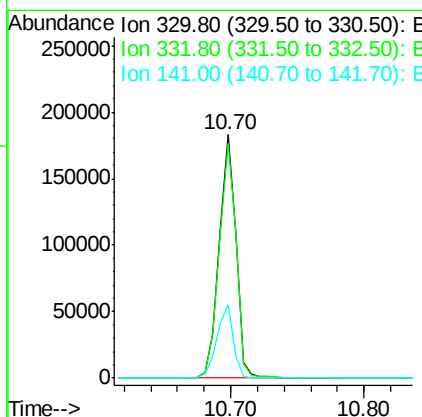
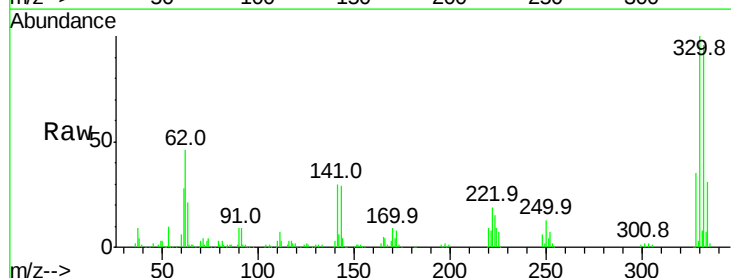
Manual Integrations
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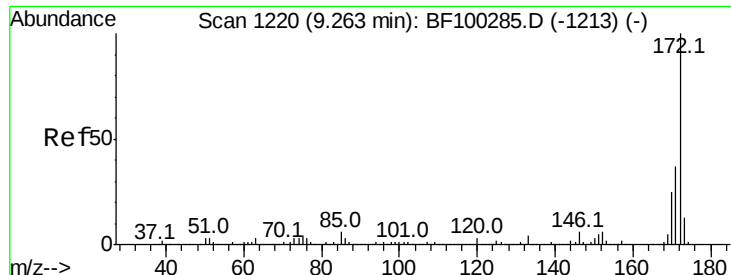
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#41
2,4,6-Tribromophenol
Concen: 119.593 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.3	29.9	44.9#





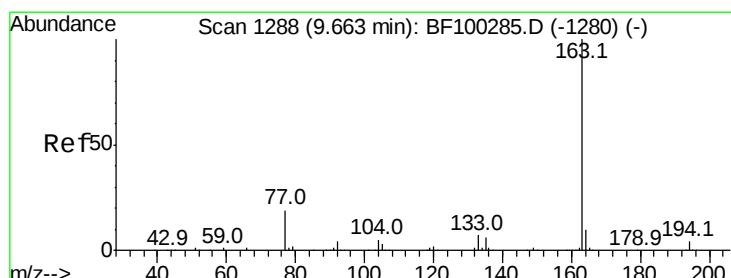
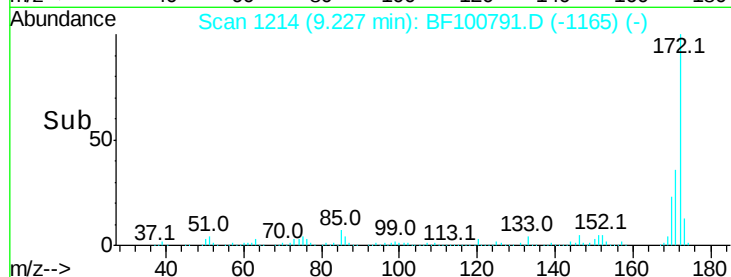
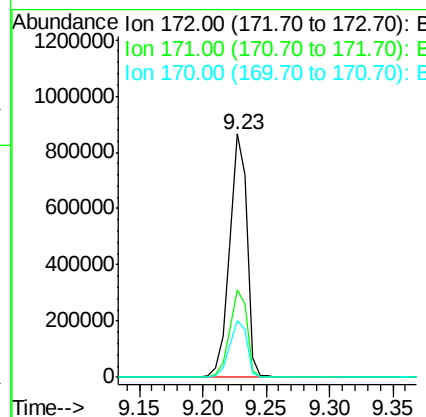
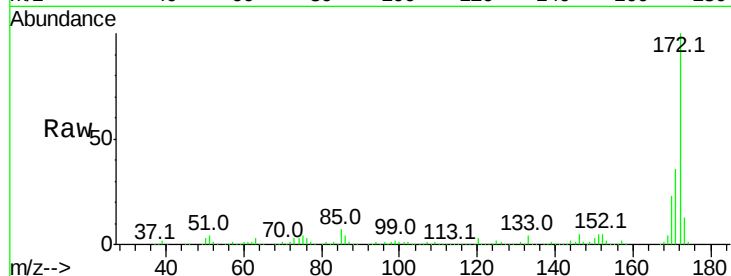
#44
2-Fluorobiphenyl
Concen: 92.659 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Instrument :
BNA_F
ClientSampled :
PG1-2-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	821347		
171	35.8		29.7	44.5
170	23.4		19.6	29.4

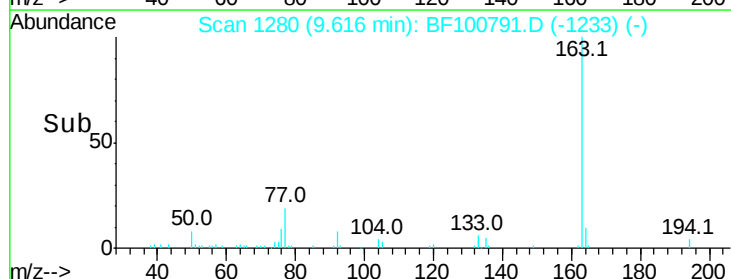
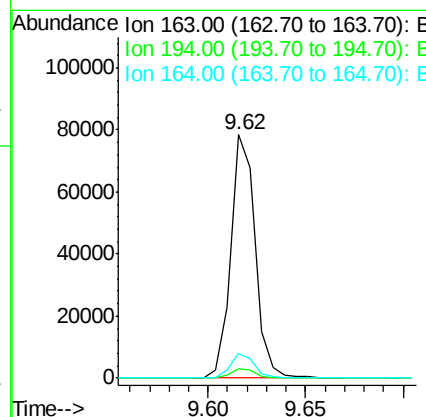
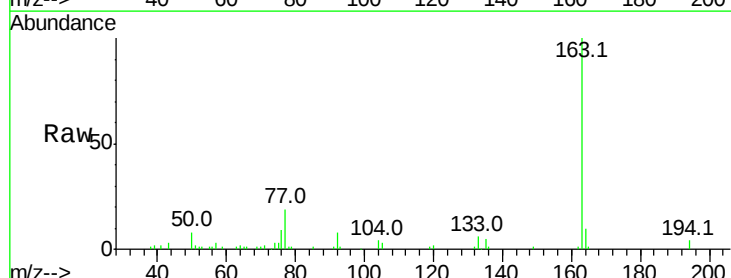
Manual Integrations
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#49
Dimethylphthalate
Concen: 6.605 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	68064		
194	4.0		2.7	4.1
164	10.0		8.2	12.2





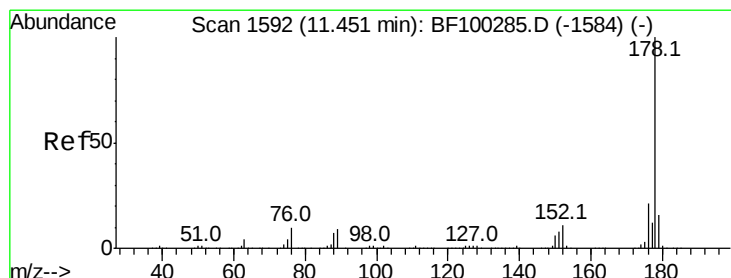
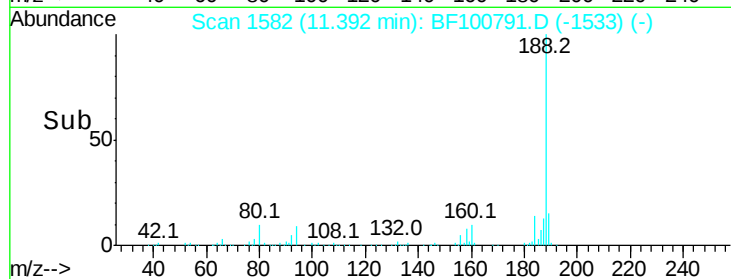
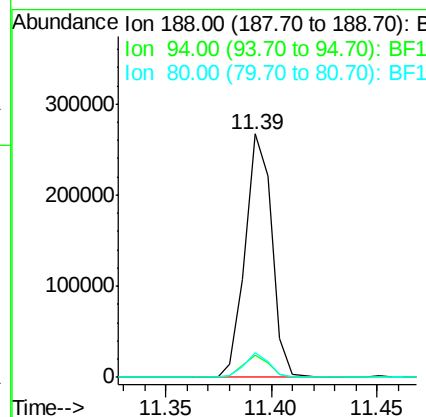
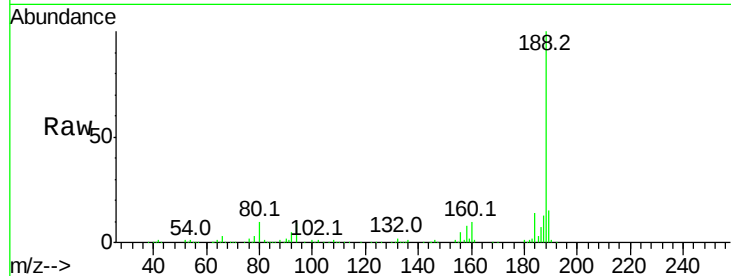
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(7-8)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.2	9.2	13.8

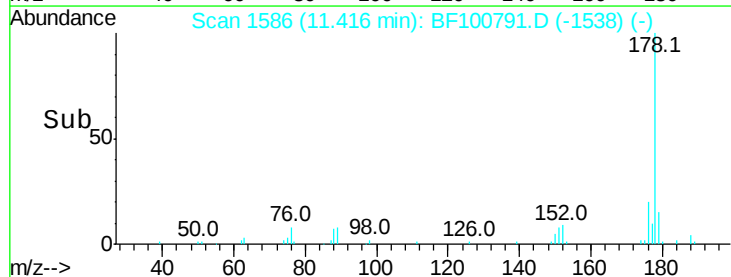
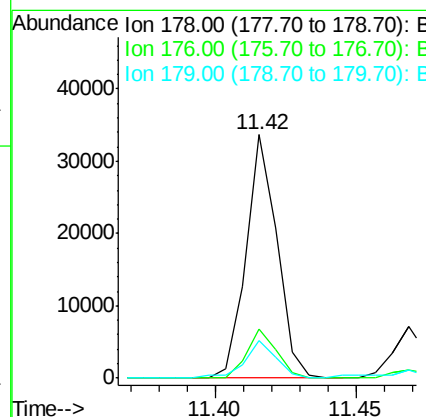
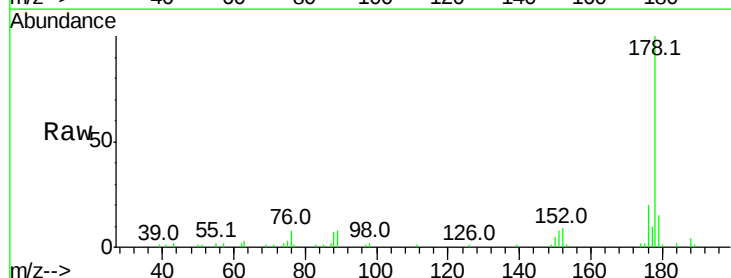
Manual Integrations
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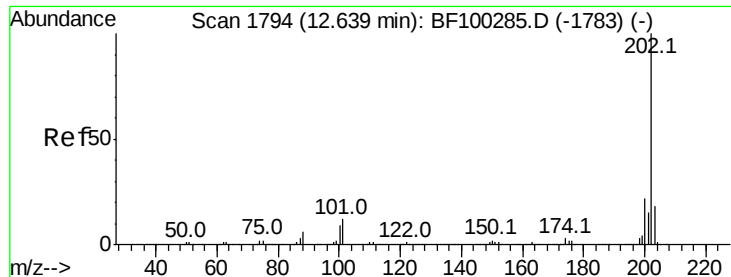
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#70
Phenanthrene
Concen: 2.082 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.4	13.0	19.6





#74

Fluoranthene

Concen: 3.475 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100791.D

Acq: 21 Nov 2017 20:07

Instrument :

BNA_F

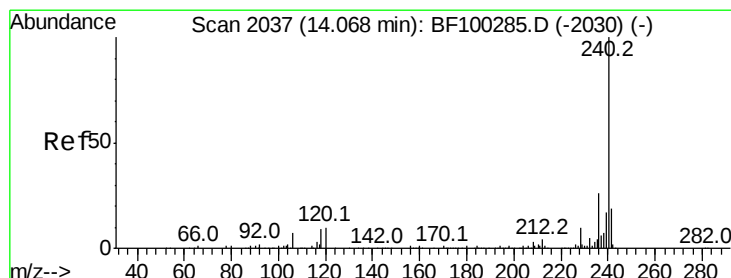
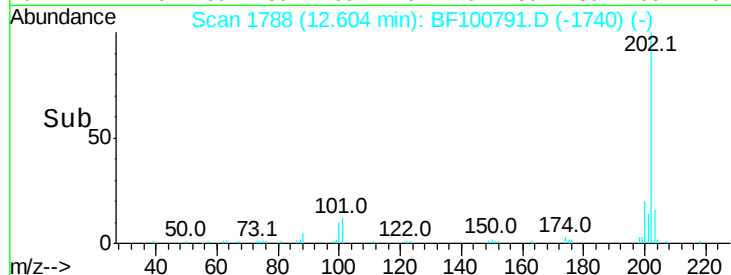
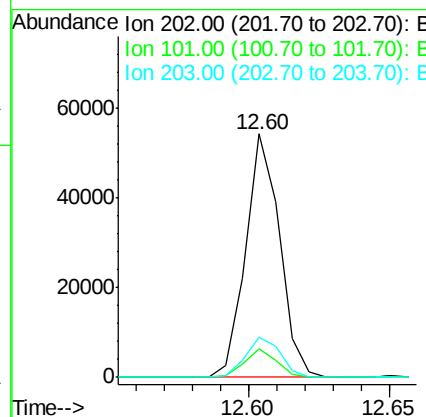
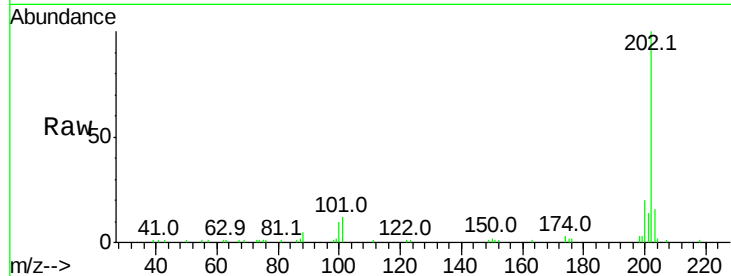
ClientSampleId :

PG1-2-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	45186		
101	11.5	0.0	34.1	
203	16.3	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

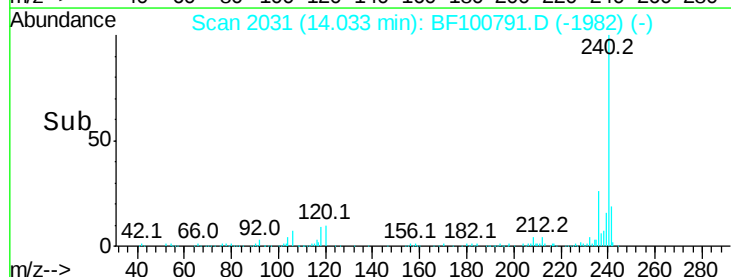
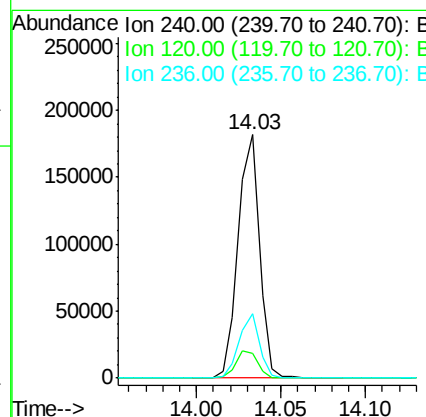
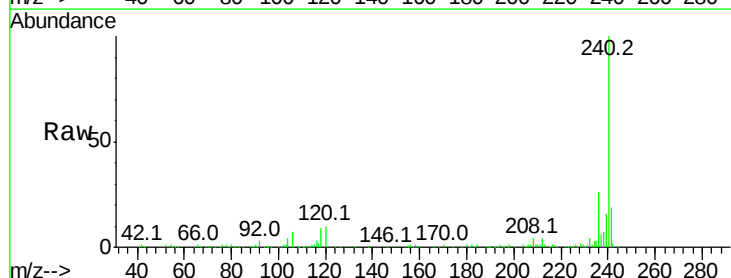
RT: 14.03 min Scan# 2031

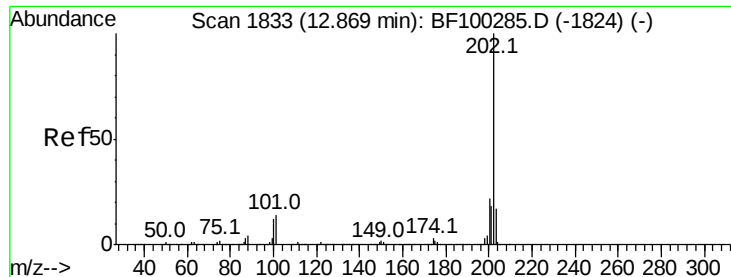
Delta R.T. -0.01 min

Lab File: BF100791.D

Acq: 21 Nov 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	159729		
120	10.0	9.5	14.3	
236	26.3	20.7	31.1	





#77

Pvrene

Concen: 3.409 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF100791.D

Acq: 21 Nov 2017 20:07

Instrument :

BNA_F

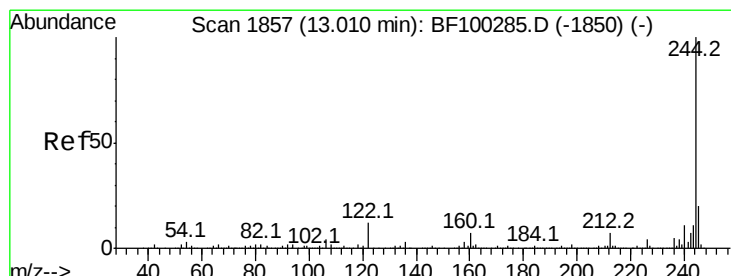
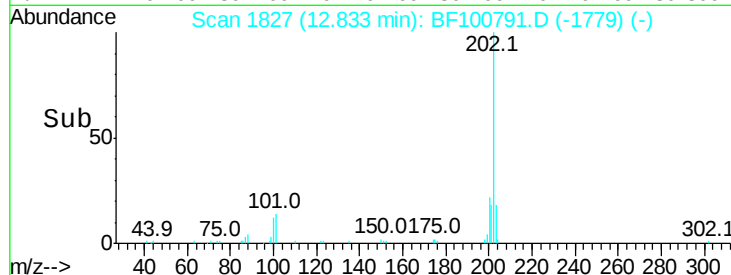
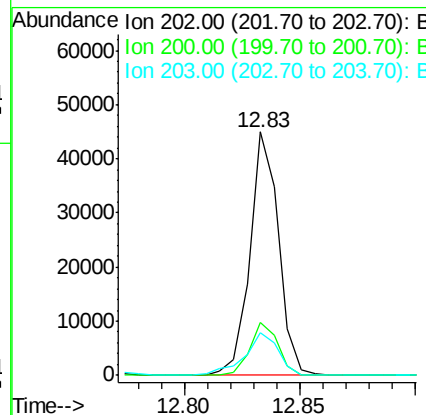
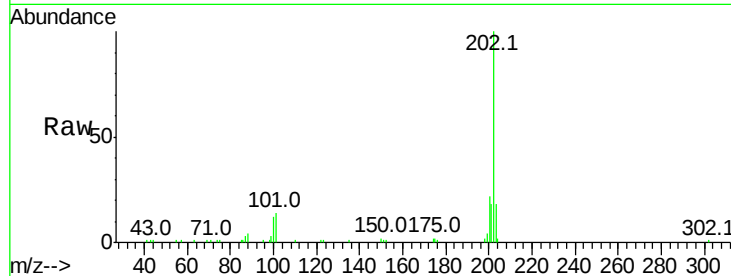
ClientSampleId :

PG1-2-E(7-8)

Tot Ion:	202	Resp:	38813
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 81.998 ng

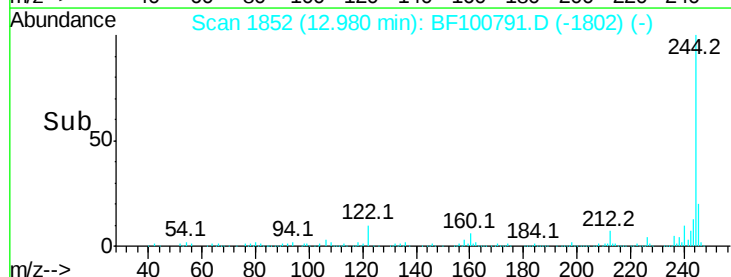
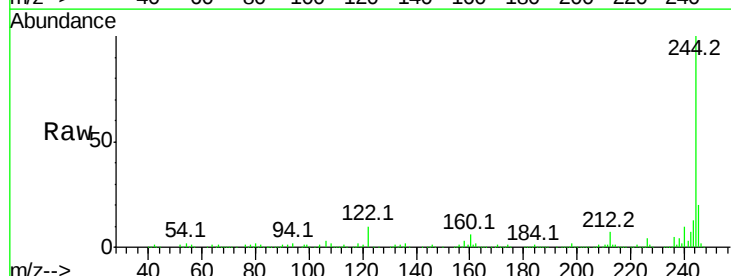
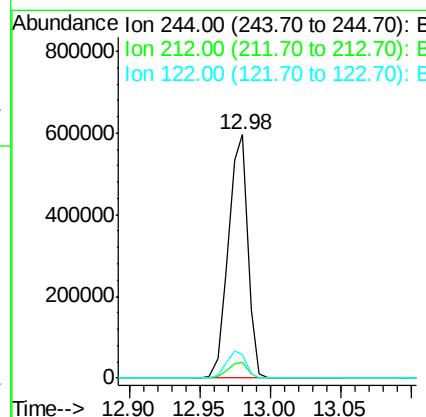
RT: 12.98 min Scan# 1852

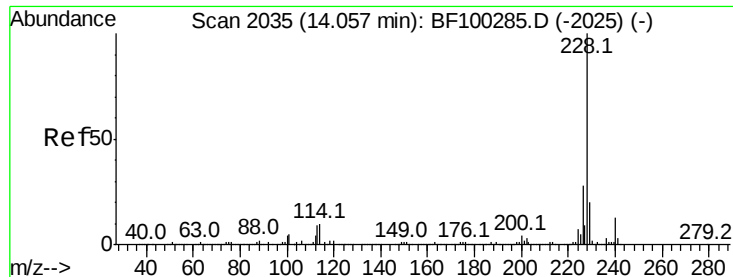
Delta R.T. -0.01 min

Lab File: BF100791.D

Acq: 21 Nov 2017 20:07

Tgt Ion:	244	Resp:	570023
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	9.7	11.0	16.4#





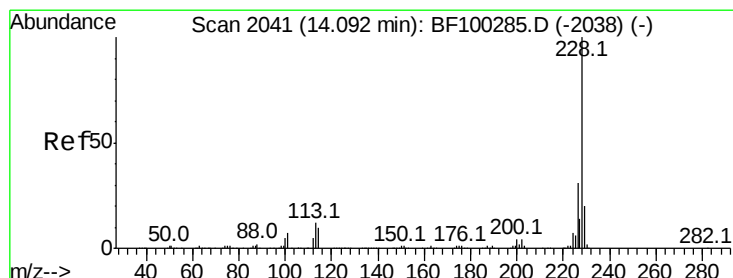
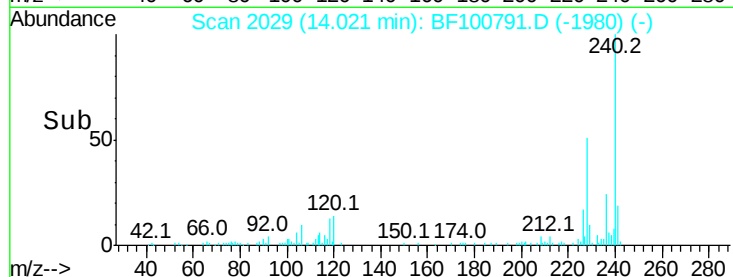
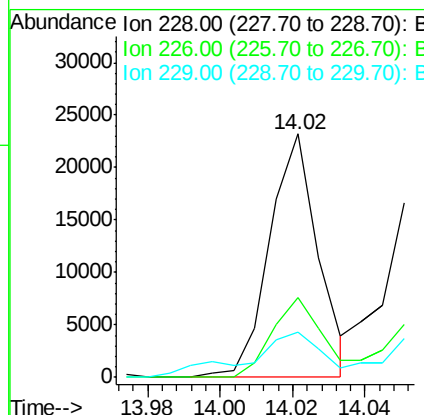
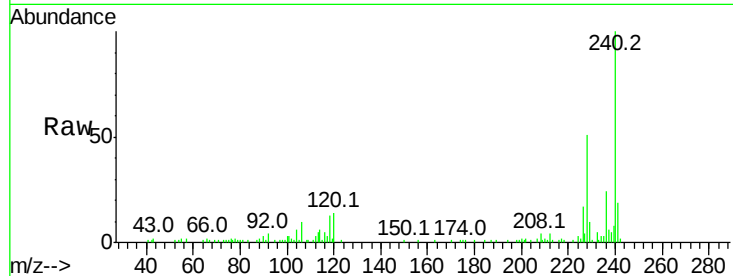
#80
Benzo(a)anthracene
Concen: 2.244 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	18.8	15.8	23.6

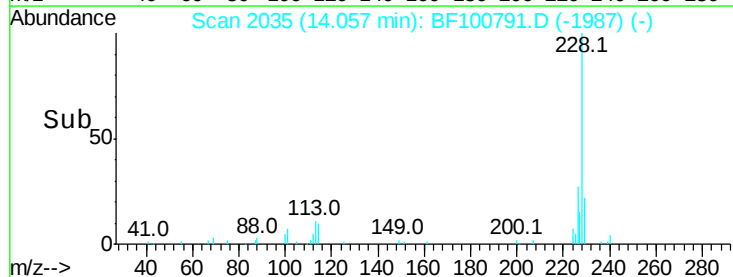
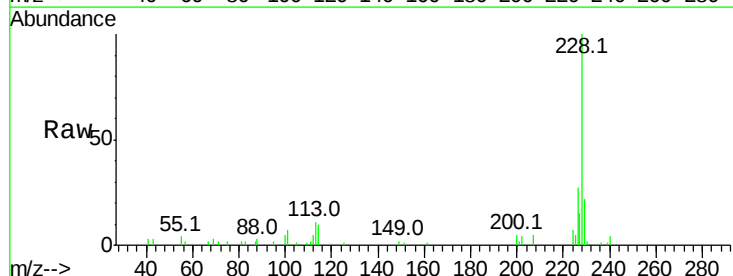
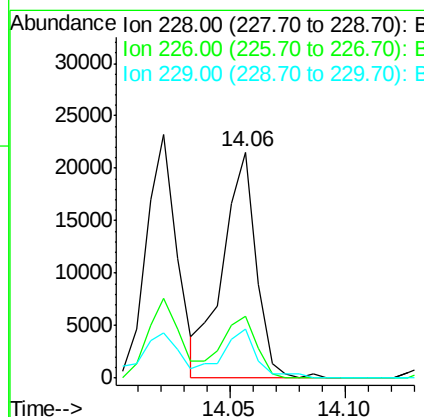
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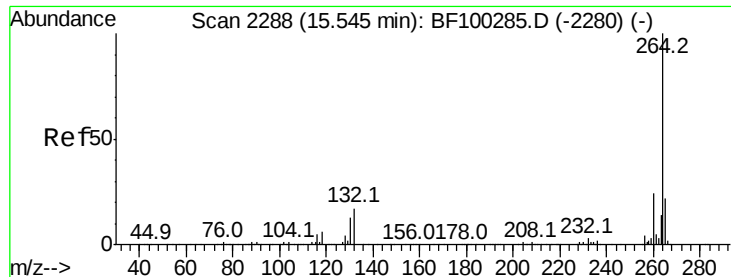
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#82
Chrysene
Concen: 2.327 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	25.0	37.6
229	22.0	16.2	24.4





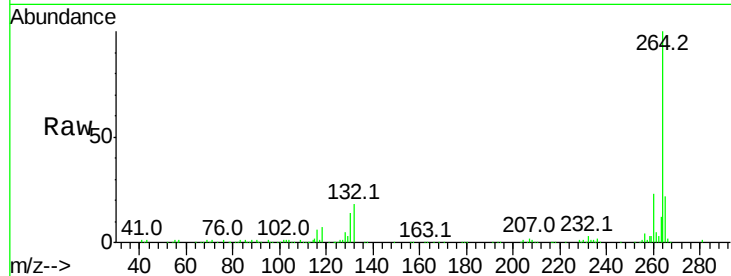
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(7-8)

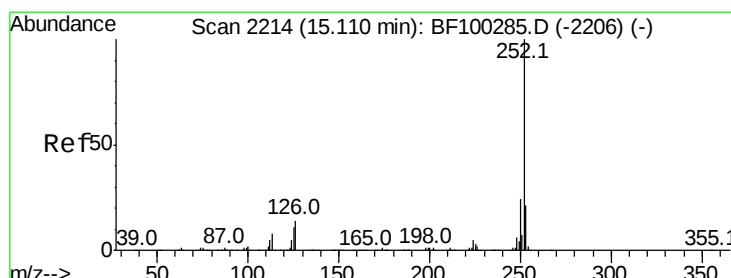
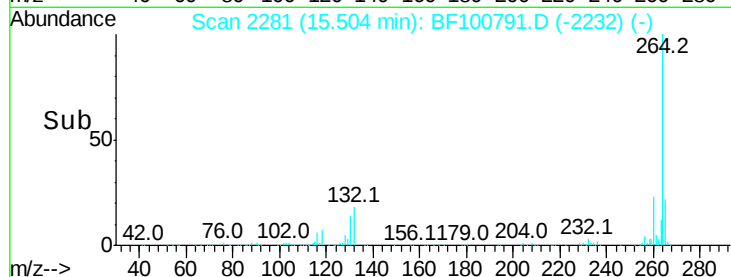
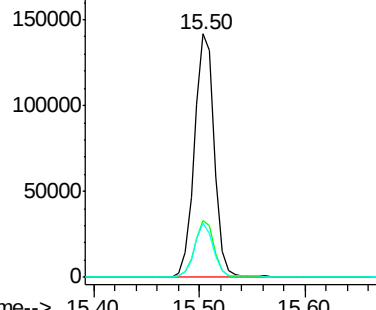
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.5	26.3

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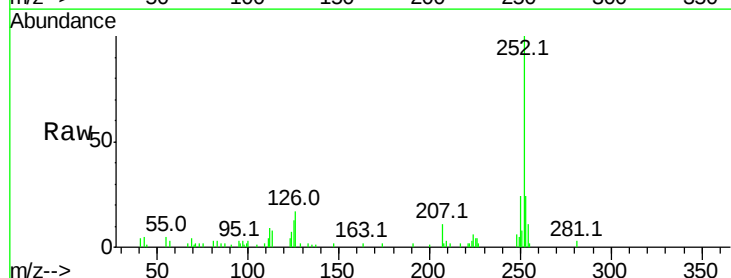


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

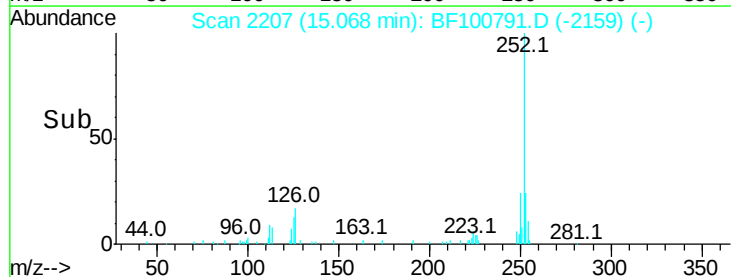
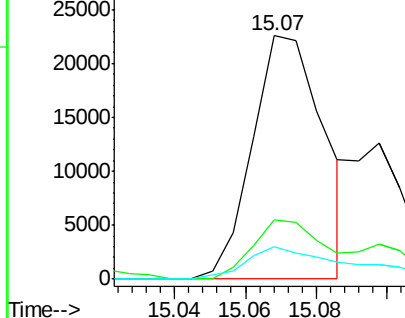


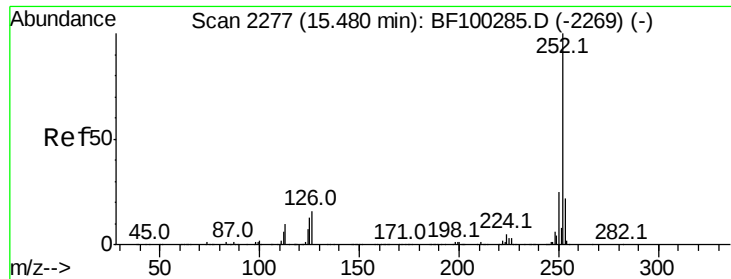
#87
Benzo(b)fluoranthene
Concen: 2.891 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF100791.D
Acq: 21 Nov 2017 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	13.4	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
 Benzo(a)pyrene
 Concen: 2.391 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF100791.D
 Acq: 21 Nov 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(7-8)

Tot Ion:	252	Resp:	23191
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.1	25.7
125	11.6	9.8	14.6

Manual Integrations
 APPROVED

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