

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100932.D
 Acq On : 28 Nov 2017 14:28
 Operator : SJ/JU
 Sample : I6578-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BBR-2-E(0-1)

Manual Integrations
 APPROVED

Sohil
 11/29/2017 4:28:27 PM

Quant Time: Nov 29 06:20:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67617	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	255874	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	111971	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	177044	20.00	ng	0.00
75) Chrysene-d12	14.02	240	146006	20.00	ng	0.00
86) Perylene-d12	15.50	264	151195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	475218	112.66	ng	0.00
7) Phenol-d6	6.49	99	602090	115.75	ng	0.00
23) Nitrobenzene-d5	7.43	82	369158	95.38	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	144220	126.40	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	780538	106.15	ng	0.00
78) Terphenyl-d14	12.97	244	552758	86.99	ng	0.00
Target Compounds						
10) Phenol	6.50	94	11502	2.106	ng	Qvalue 97
49) Dimethylphthalate	9.60	163	37711	4.411	ng	100
74) Fluoranthene	12.59	202	24818	2.512	ng	96
77) Pyrene	12.82	202	25450	2.445	ng	99
82) Chrysene	14.04	228	20297m	2.384	ng	
87) Benzo(b)fluoranthene	15.06	252	23067m	2.575	ng	
89) Benzo(a)pyrene	15.43	252	17488	2.202	ng	# 82
91) Benzo(g,h,i)perylene	17.43	276	15190	2.389	ng	# 92

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

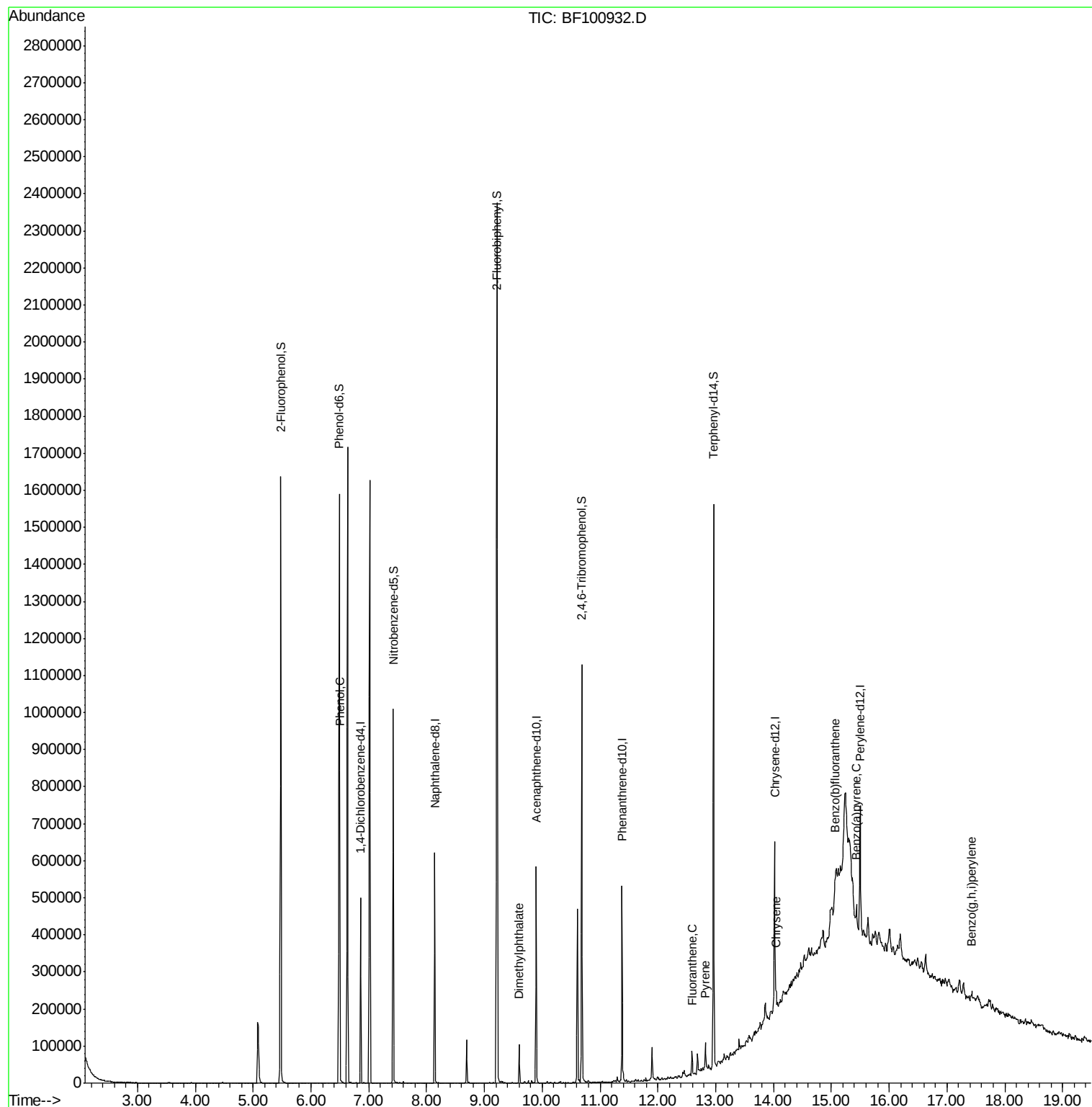
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100932.D
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Operator : SJ/JU
Sample : I6578-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

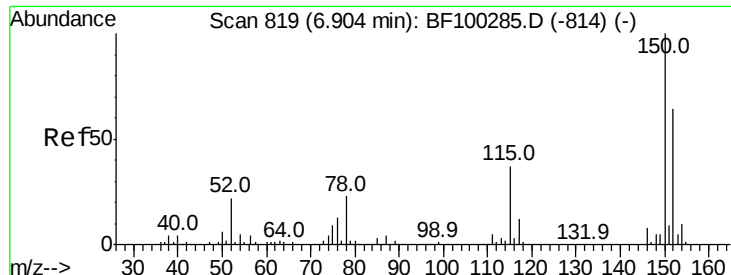
Instrument :
BNA_F
ClientSampleId :
BBR-2-E(0-1)

Manual Integrations
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Quant Time: Nov 29 06:20:14 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

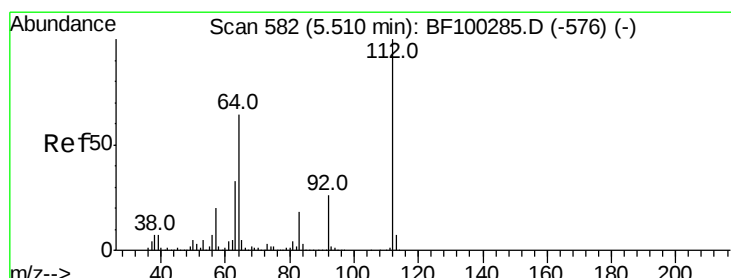
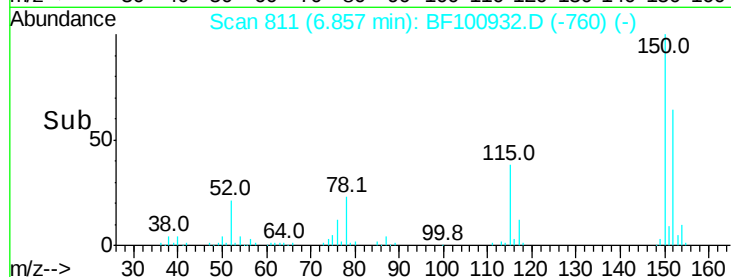
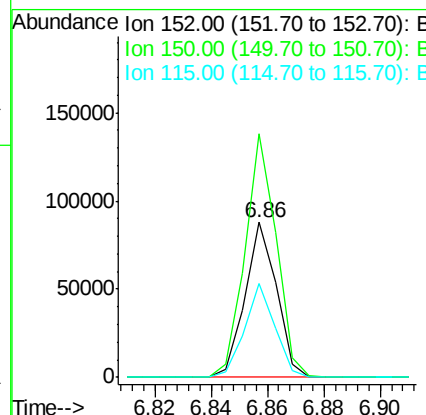
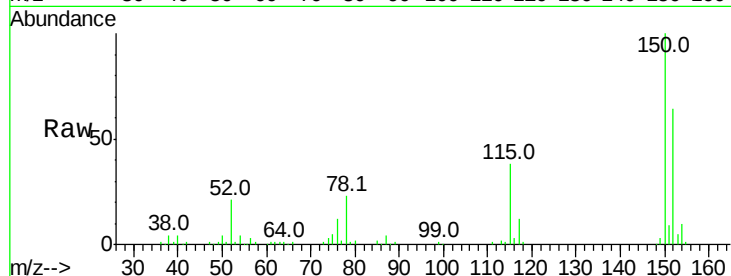
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	60.4	50.1	75.1

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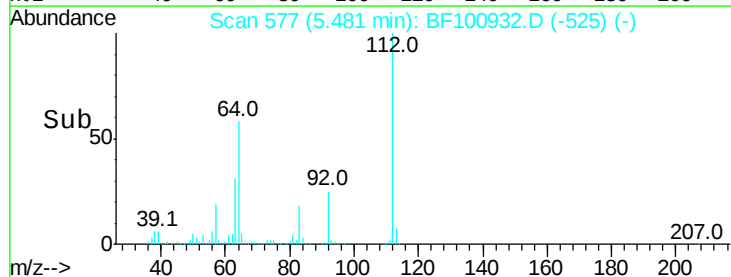
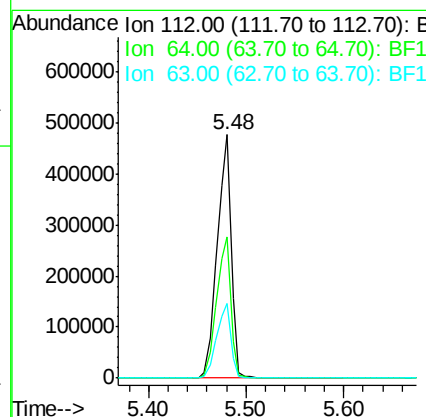
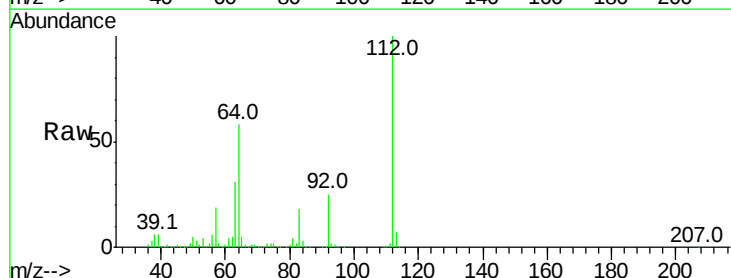
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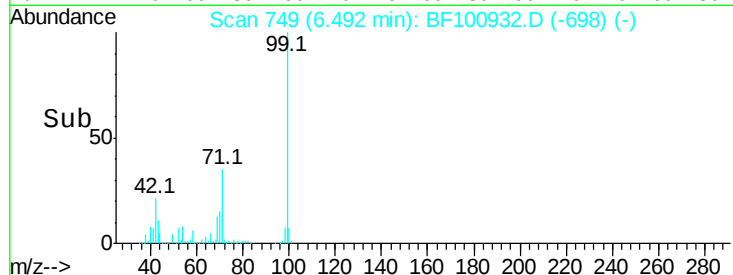
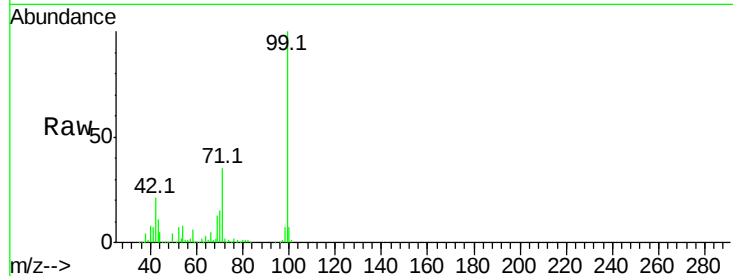


#5

2-Fluorophenol
Concen: 112.659 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 115.751 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100932.D

Acq: 28 Nov 2017 14:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		602090		
42	21.3	14.5	21.7		
71	35.1	25.4	38.0		

Instrument :

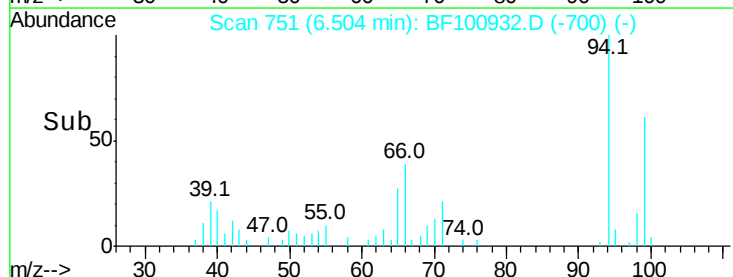
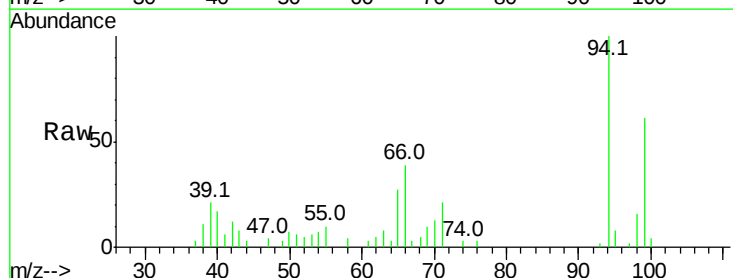
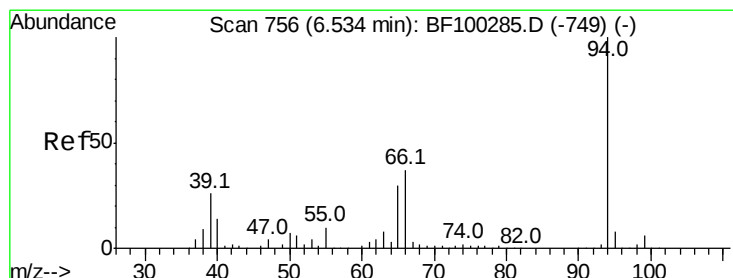
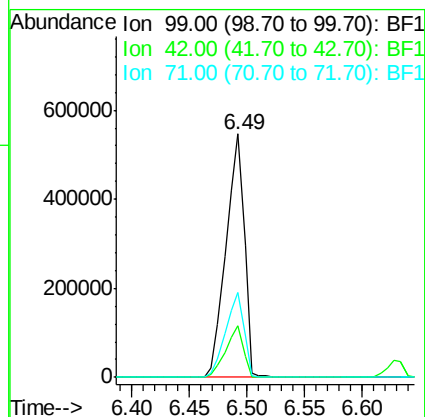
BNA_F

ClientSampleId :

BBR-2-E(0-1)

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#10

Phenol

Concen: 2.106 ng

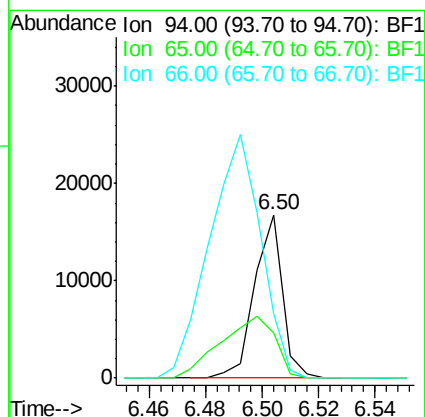
RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF100932.D

Acq: 28 Nov 2017 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		11502		
65	27.4	7.9	47.9		
66	39.1	16.2	56.2		





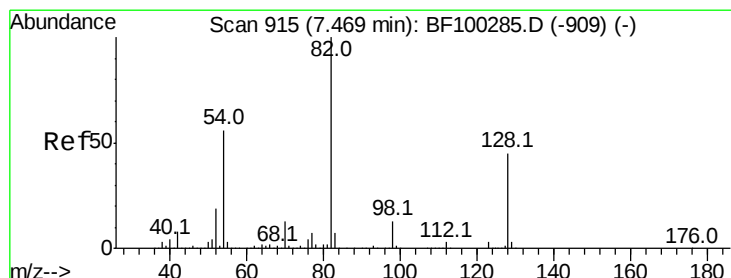
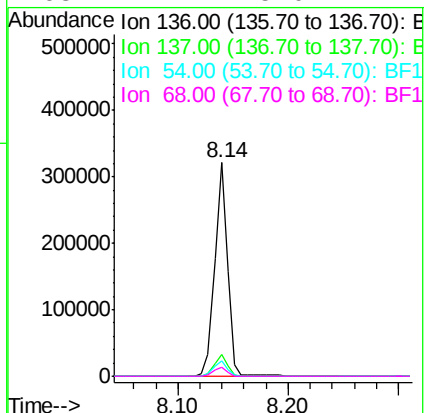
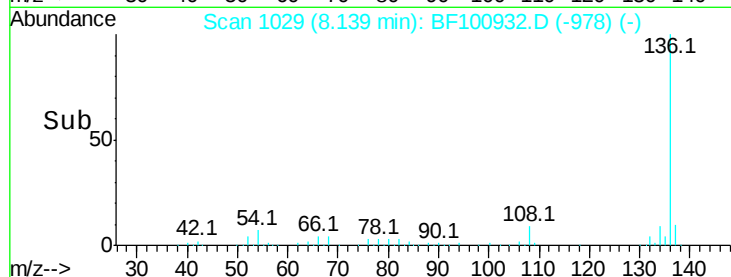
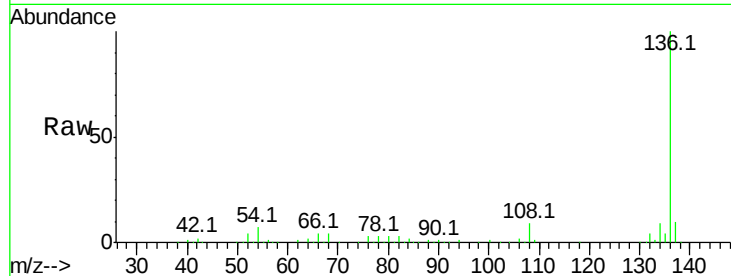
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.9	13.3	
54	7.5	6.6	9.8	
68	4.4	5.0	7.4	

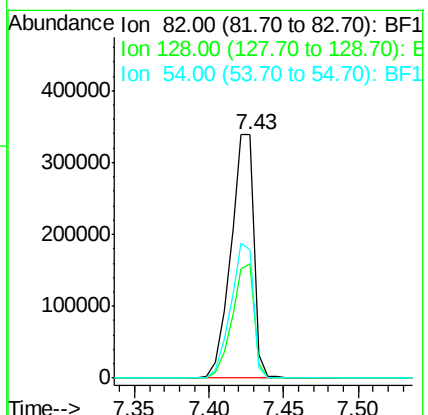
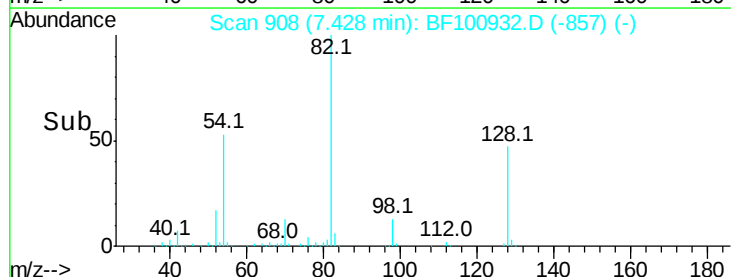
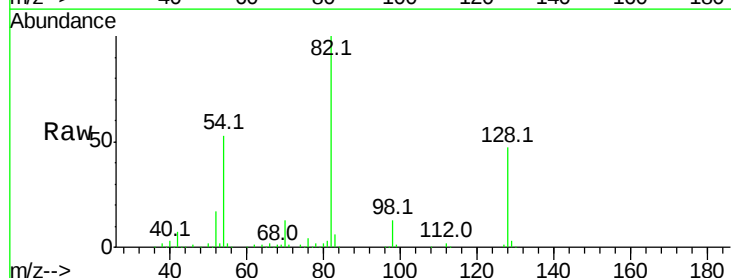
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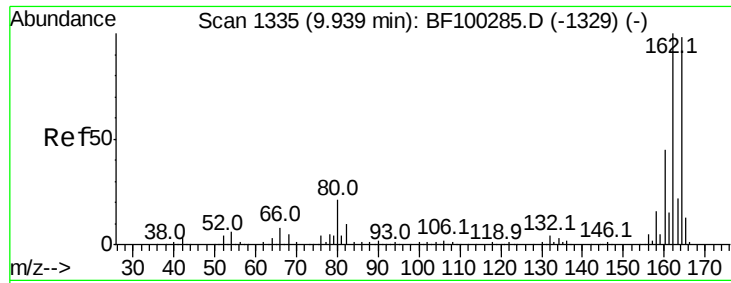
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#23
Nitrobenzene-d5
Concen: 95.384 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.8	36.1	54.1	
54	52.7	41.4	62.2	





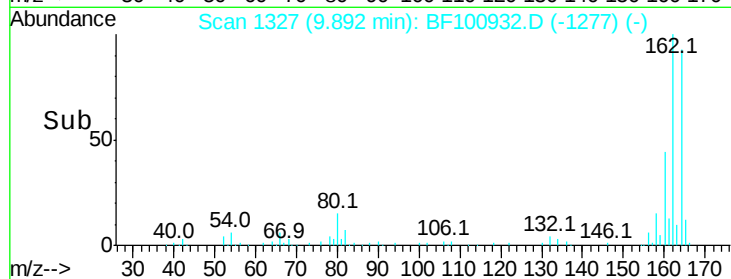
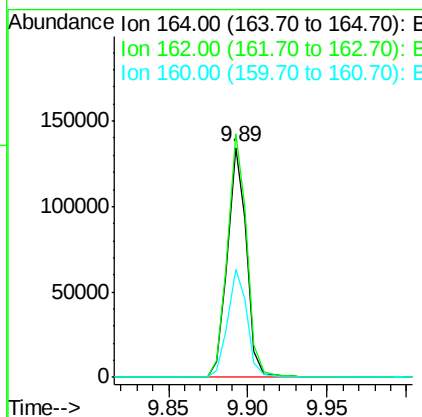
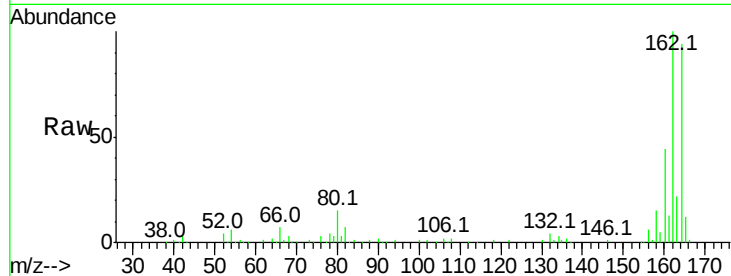
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100932.D
 Acq: 28 Nov 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 BBR-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	111971		
162	106.0	86.1	129.1	
160	46.8	38.3	57.5	

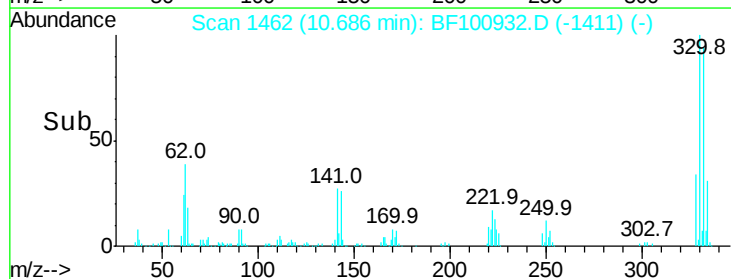
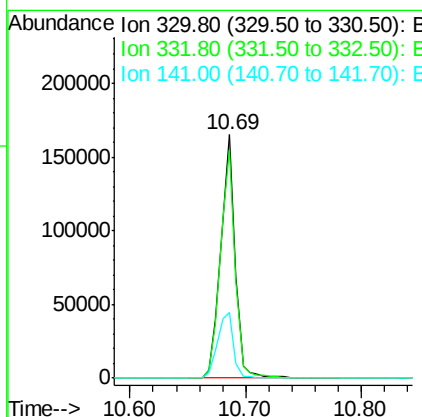
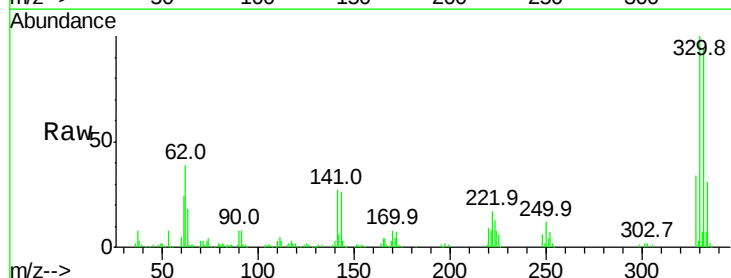
Manual Integrations
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#41
 2,4,6-Tribromophenol
 Concen: 126.400 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100932.D
 Acq: 28 Nov 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	144220		
332	96.0	77.0	115.6	
141	29.8	29.9	44.9#	





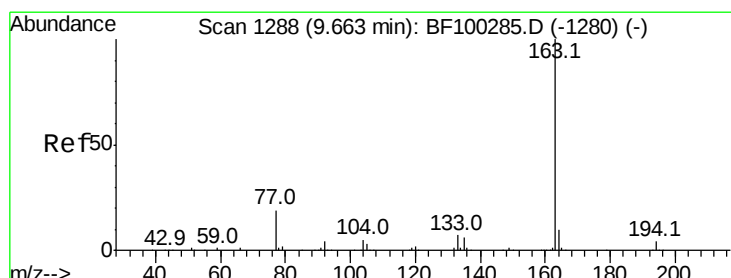
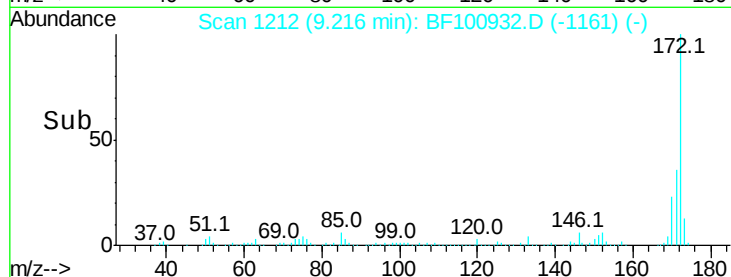
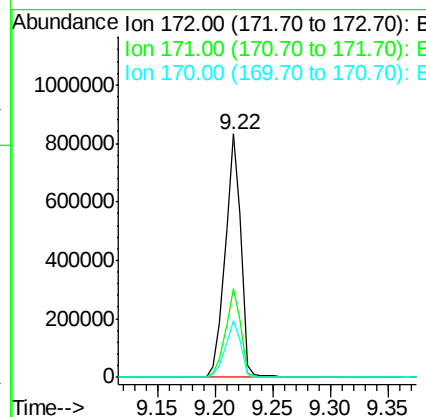
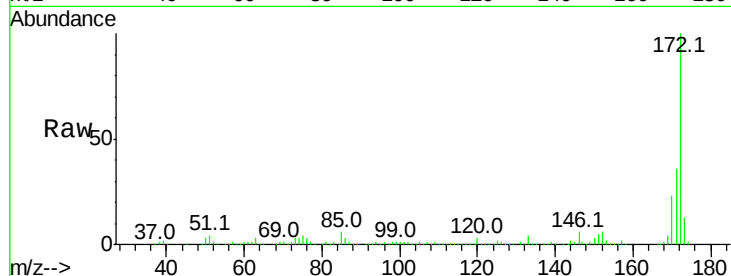
#44
2-Fluorobiphenyl
Concen: 106.147 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	23.2	19.6	29.4	

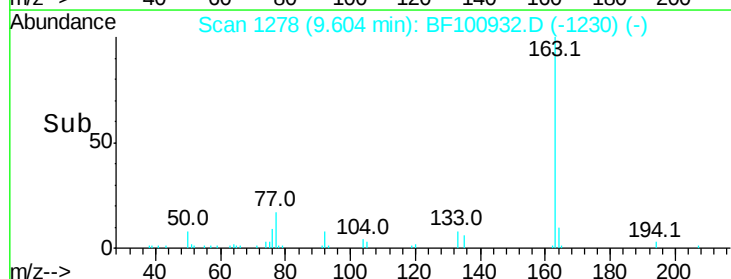
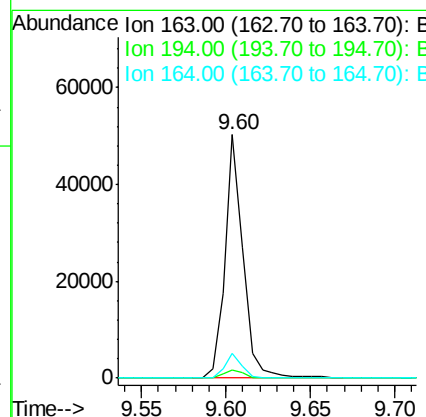
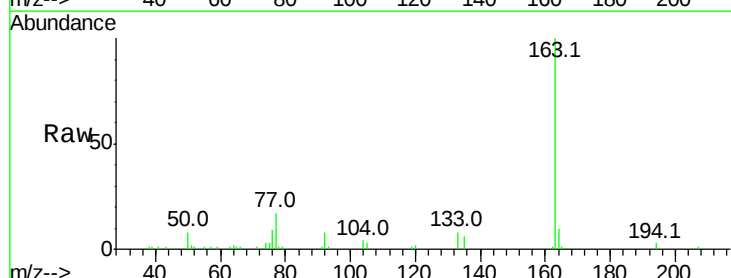
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#49
Dimethylphthalate
Concen: 4.411 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.2	8.2	12.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF100932.D

Acq: 28 Nov 2017 14:28

Instrument :

BNA_F

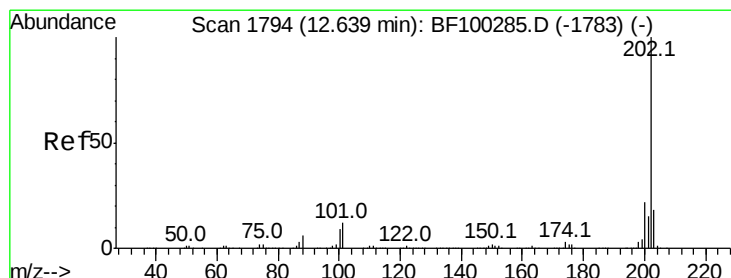
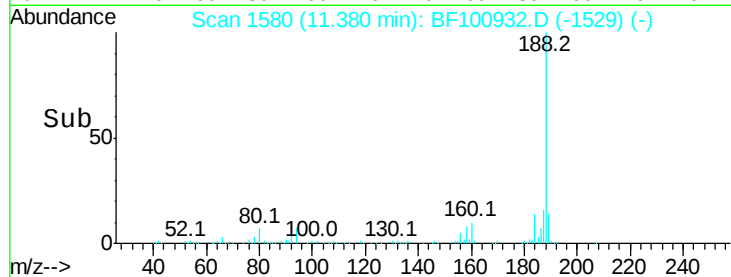
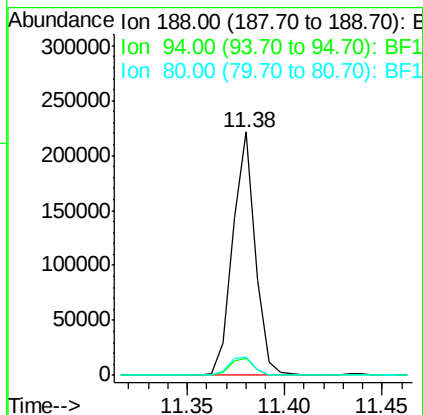
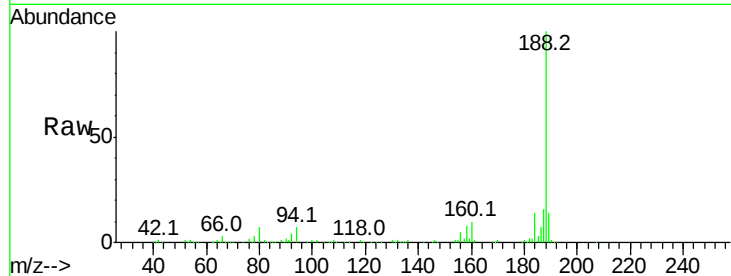
ClientSampleId :

BBR-2-E(0-1)

Tot Ion:	188	Resp:	177044
Ion Ratio	Lower	Upper	
188	100		
94	7.0	8.5	12.7#
80	7.4	9.2	13.8#

Manual Integrations
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#74

Fluoranthene

Concen: 2.512 ng

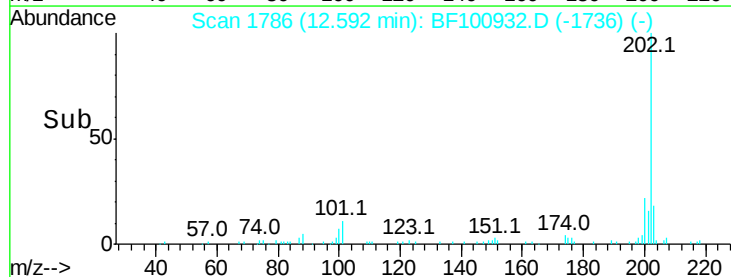
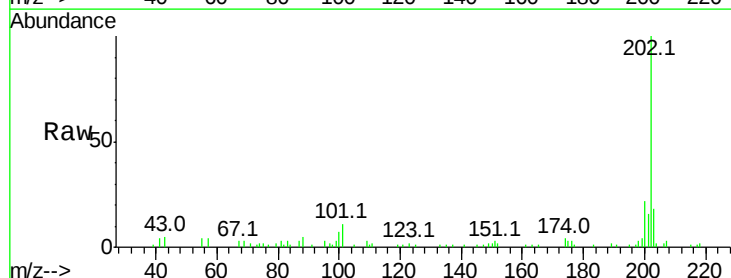
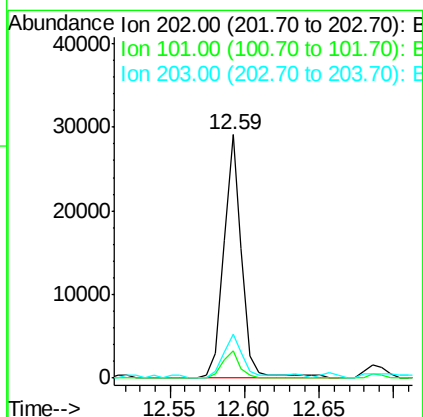
RT: 12.59 min Scan# 1786

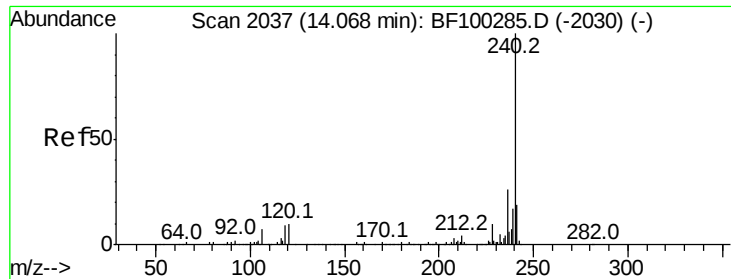
Delta R.T. -0.01 min

Lab File: BF100932.D

Acq: 28 Nov 2017 14:28

Tgt Ion:	202	Resp:	24818
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100932.D

Acq: 28 Nov 2017 14:28

Instrument :

BNA_F

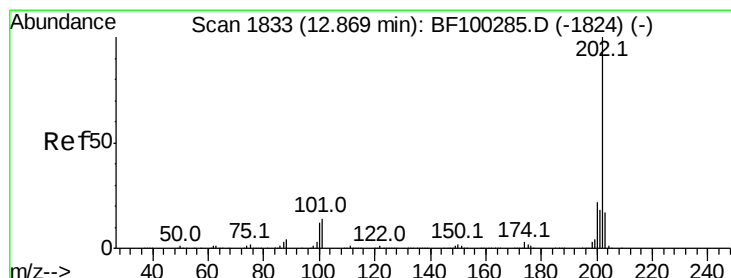
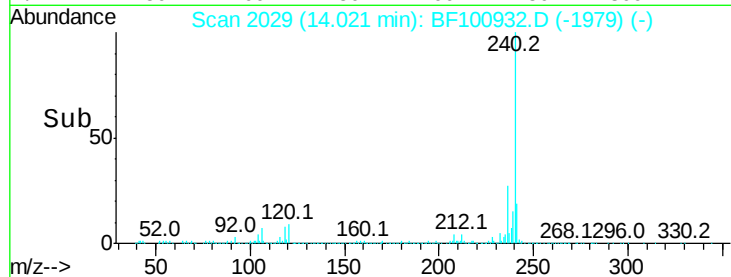
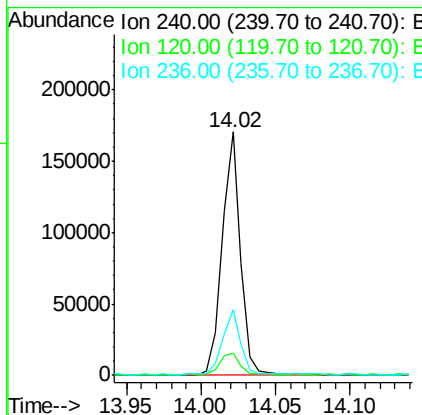
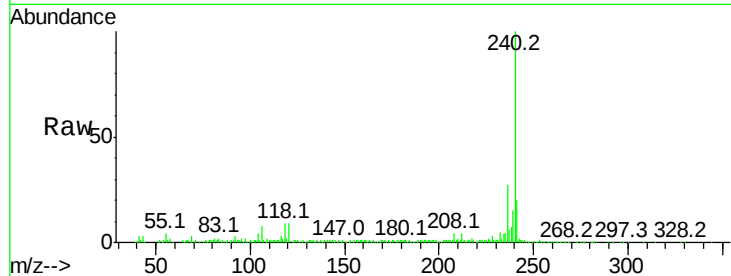
ClientSampleId :

BBR-2-E(0-1)

Tot Ion:	240	Resp:	146006
Ion Ratio	Lower	Upper	
240	100		
120	9.0	9.5	14.3#
236	26.9	20.7	31.1

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#77

Pyrene

Concen: 2.445 ng

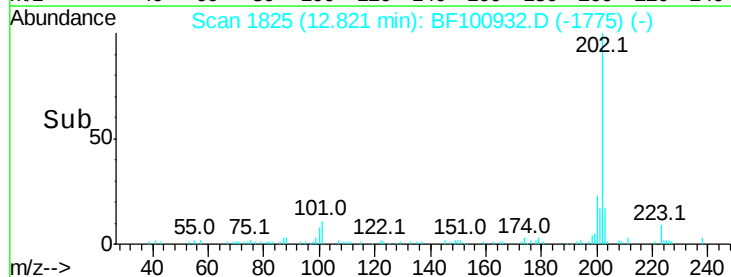
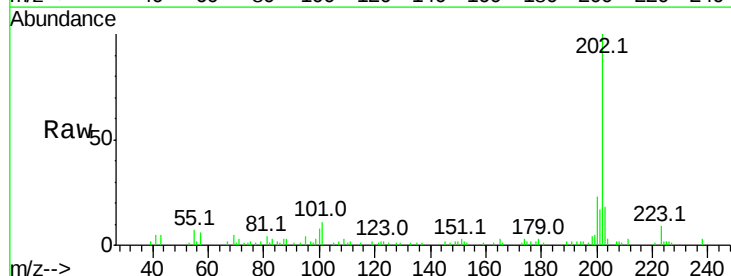
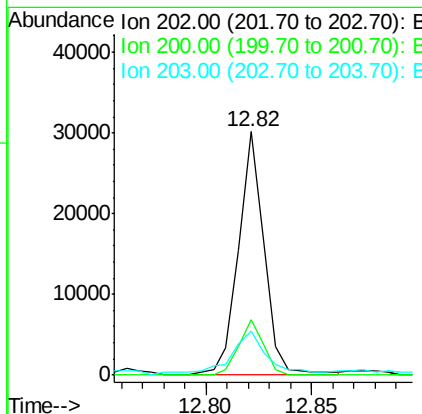
RT: 12.82 min Scan# 1825

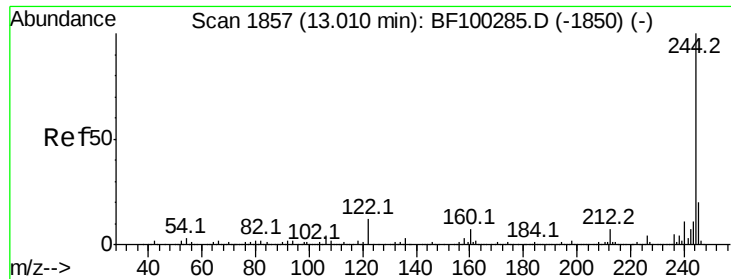
Delta R.T. -0.01 min

Lab File: BF100932.D

Acq: 28 Nov 2017 14:28

Tgt Ion:	202	Resp:	25450
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.4	26.2
203	18.1	14.3	21.5





#78

Terphenyl-d14

Concen: 86.988 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100932.D

Acq: 28 Nov 2017 14:28

Instrument :

BNA_F

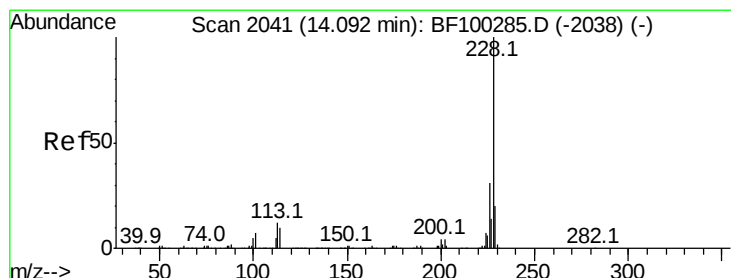
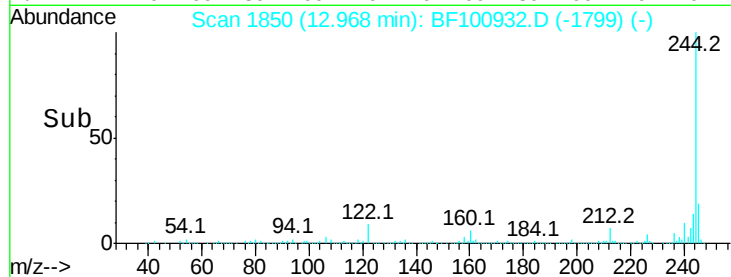
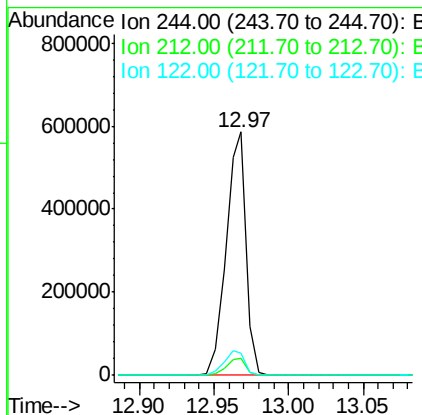
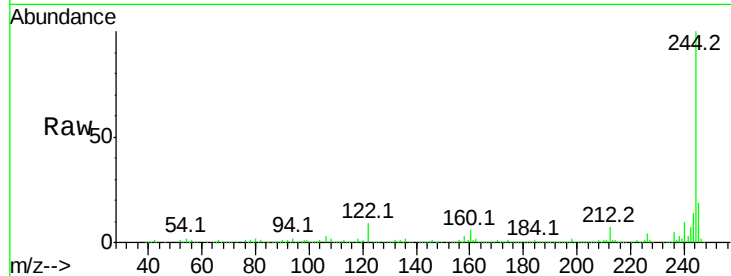
ClientSampleId :

BBR-2-E(0-1)

Tot Ion:	244	Resp:	552758
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	9.0	11.0	16.4#

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#82

Chrysene

Concen: 2.384 ng m

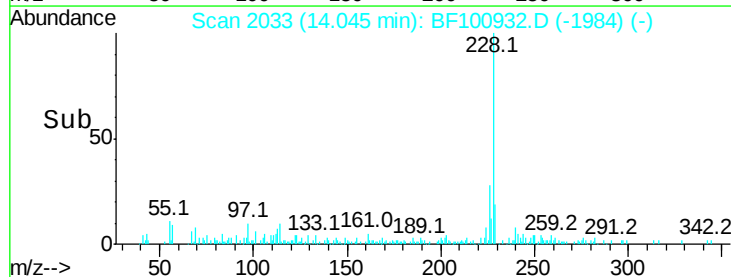
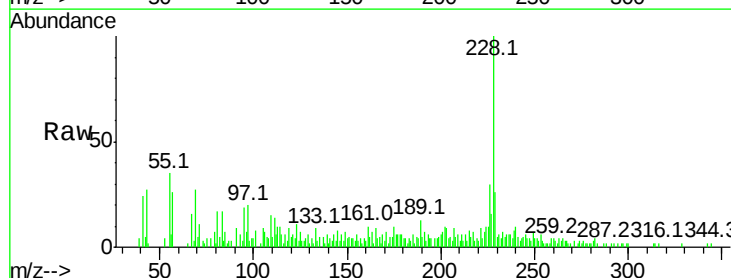
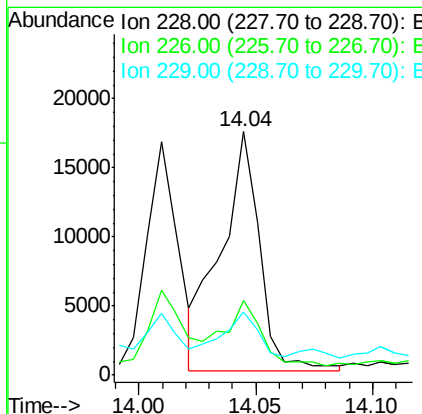
RT: 14.04 min Scan# 2033

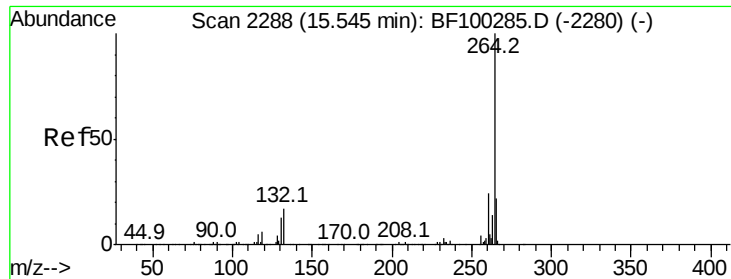
Delta R.T. -0.01 min

Lab File: BF100932.D

Acq: 28 Nov 2017 14:28

Tgt Ion:	228	Resp:	20297
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	26.0	16.2	24.4#





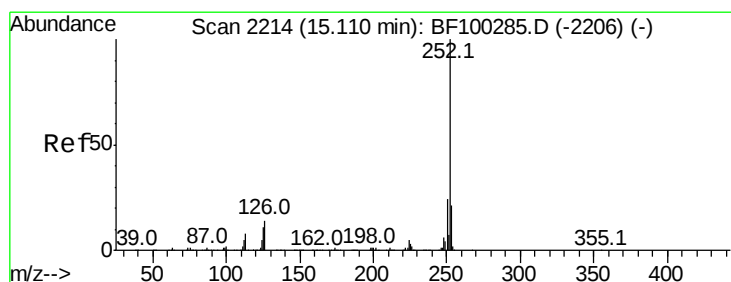
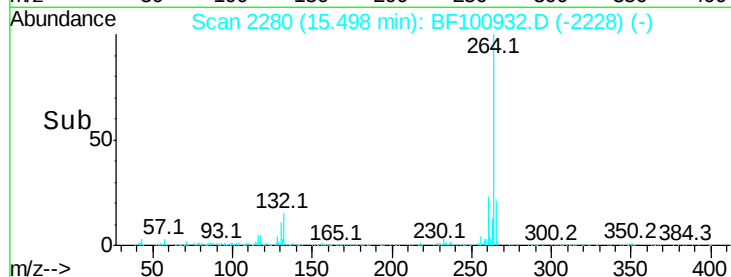
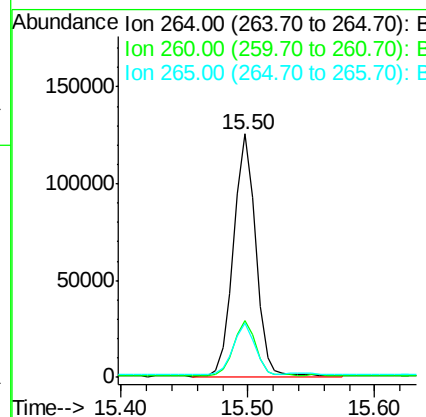
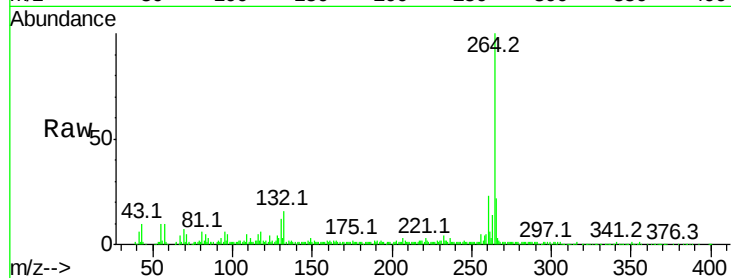
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.3	19.2	28.8	
265	22.1	17.5	26.3	

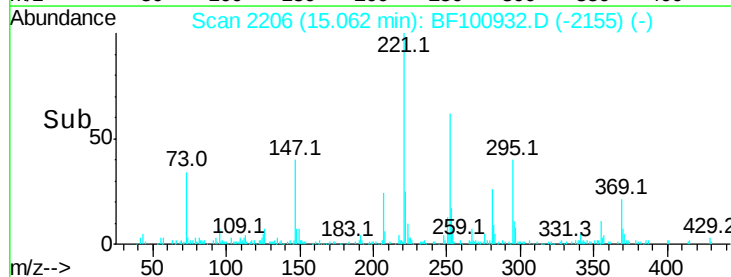
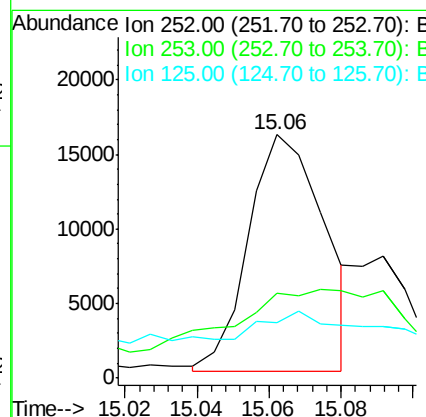
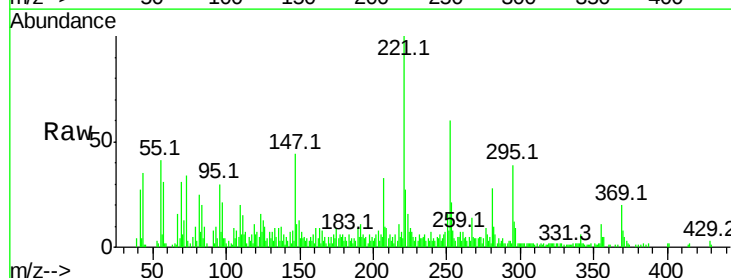
Manual Integrations
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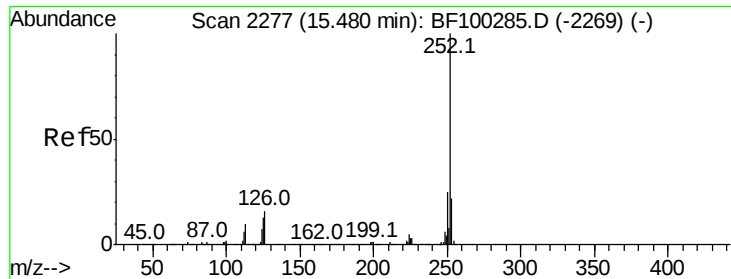
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#87
Benzo(b)fluoranthene
Concen: 2.575 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	34.9	17.0	25.6#	
125	22.5	9.0	13.6#	





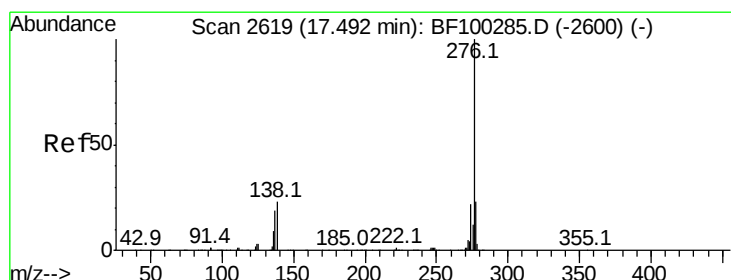
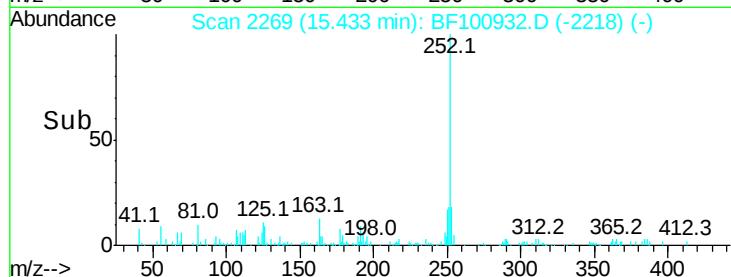
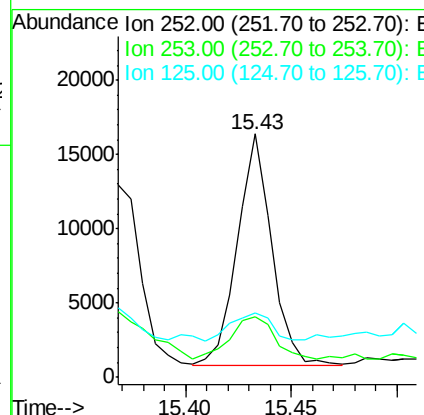
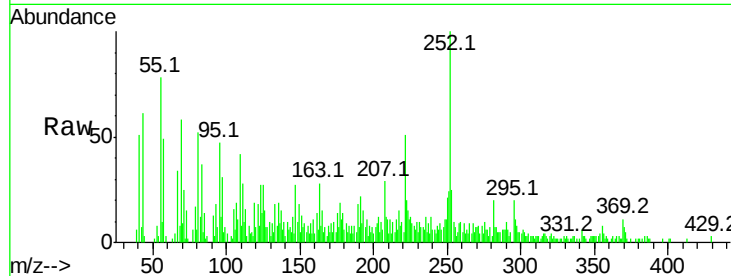
#89
Benzo(a)pyrene
Concen: 2.202 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
BBR-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	26.6	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.389 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.0	17.9	26.9
138	26.9	21.8	32.8

