

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100958.D
 Acq On : 29 Nov 2017 3:03
 Operator : SJ/JU
 Sample : I6579-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Manual Integrations
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 11/29/2017 4:29:25 PM

Quant Time: Nov 29 08:10:07 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	66448	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	243662	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	98988	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	164807	20.00	ng	0.00
75) Chrysene-d12	14.02	240	155421	20.00	ng	0.00
86) Perylene-d12	15.50	264	118882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	488015	117.73	ng	0.01
7) Phenol-d6	6.49	99	589024	115.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	338789	91.92	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	122826	121.77	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	524531	80.69	ng	0.00
78) Terphenyl-d14	12.97	244	404319	59.77	ng	0.00
Target Compounds						
10) Phenol	6.50	94	15225	2.837	ng	89
49) Dimethylphthalate	9.60	163	35800	4.737	ng	98
70) Phenanthrene	11.40	178	40161	4.628	ng	99
74) Fluoranthene	12.59	202	53013	5.765	ng	95
77) Pyrene	12.82	202	43419	3.919	ng	98
80) Benzo(a)anthracene	14.01	228	27759	2.966	ng	100
82) Chrysene	14.05	228	25116	2.771	ng	96
87) Benzo(b)fluoranthene	15.06	252	27397m	3.890	ng	
89) Benzo(a)pyrene	15.43	252	18884	3.024	ng	98

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

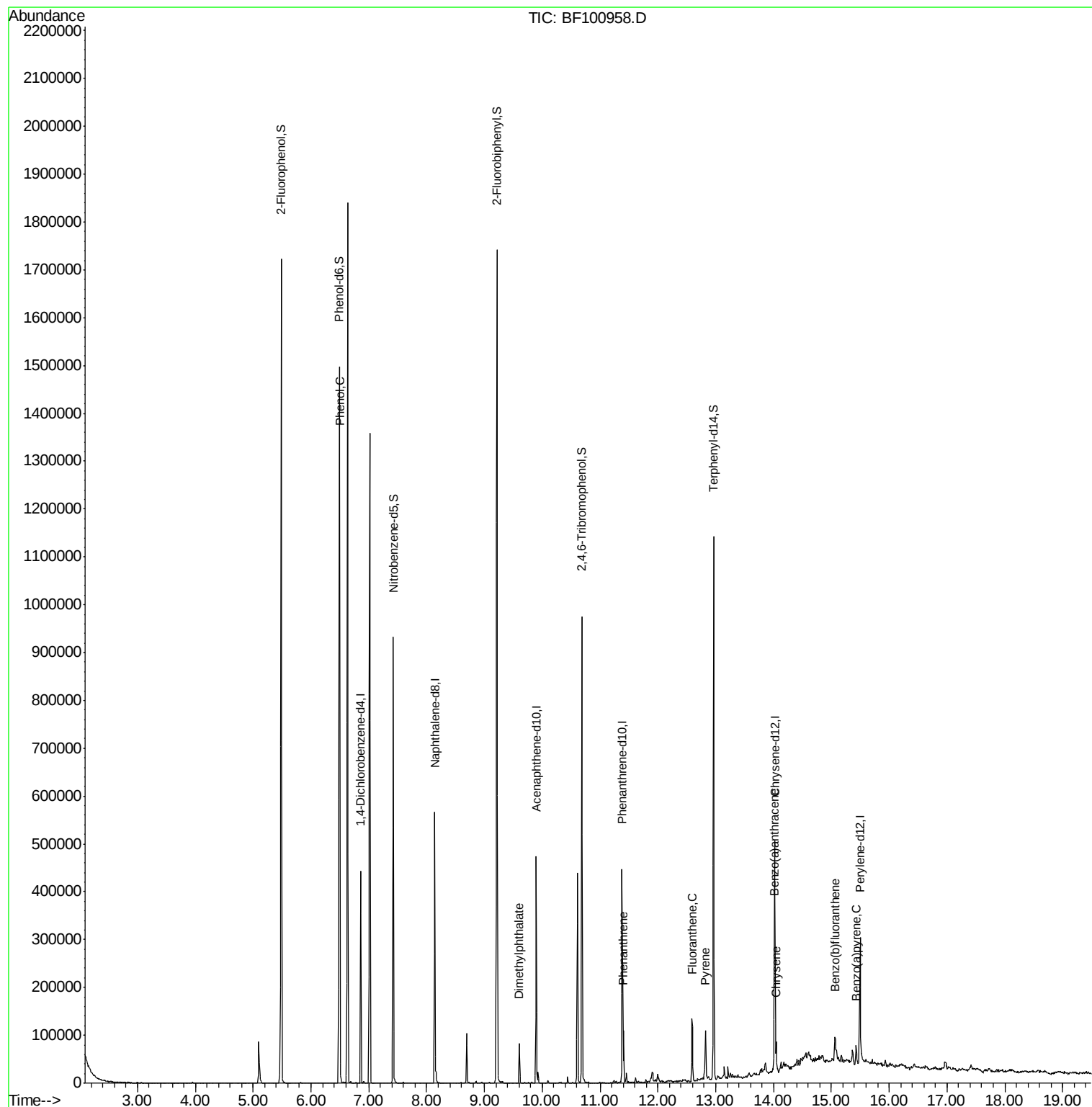
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

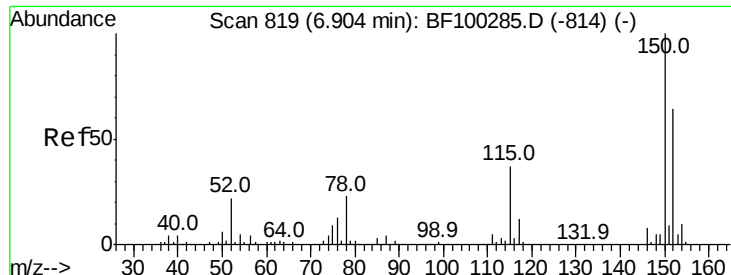
Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

Manual Integrations
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Quant Time: Nov 29 08:10:07 2017
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#1

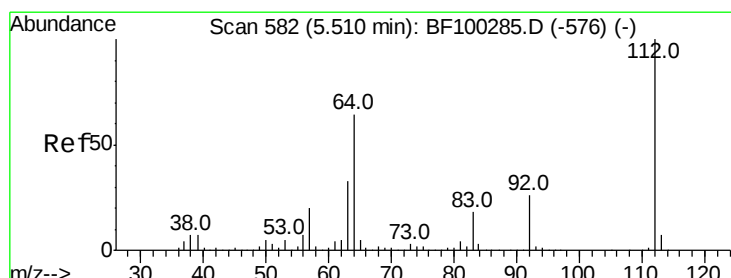
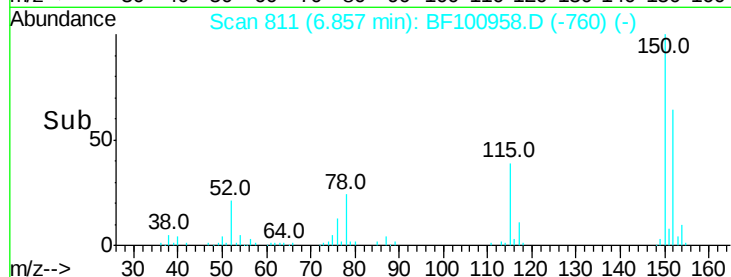
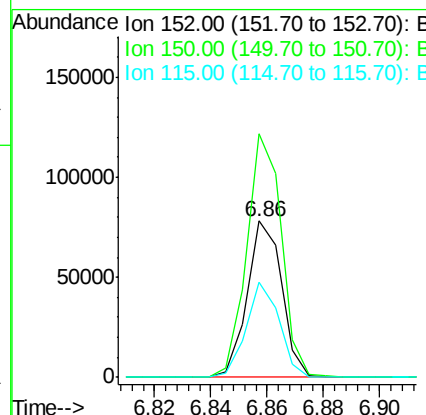
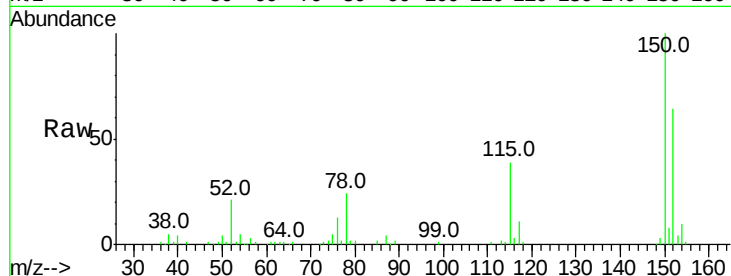
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	60.7	50.1	75.1

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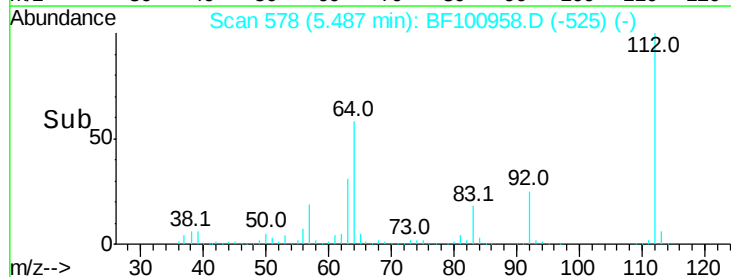
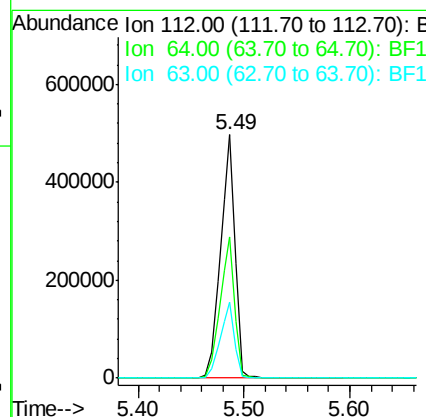
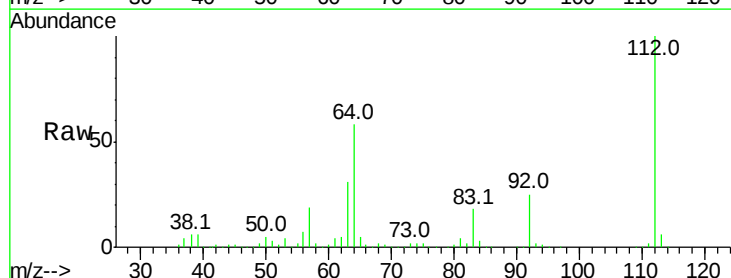
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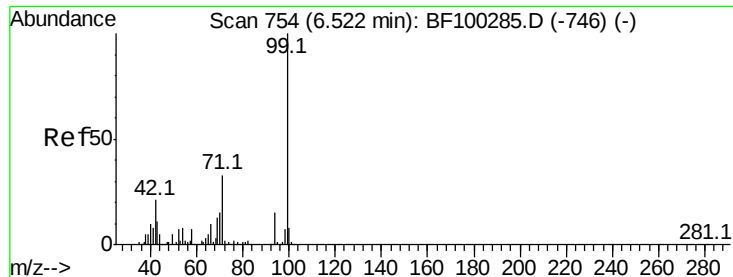


#5

2-Fluorophenol
Concen: 117.728 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 115.232 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100958.D

Acq: 29 Nov 2017 3:03

Instrument :

BNA_F

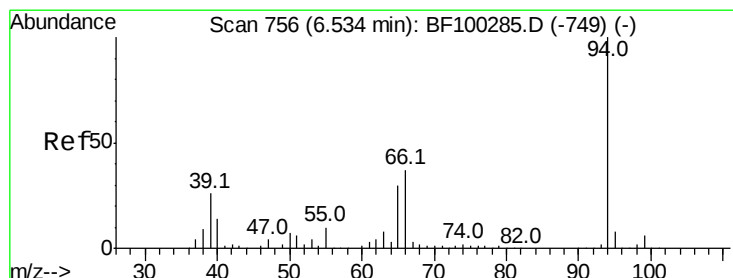
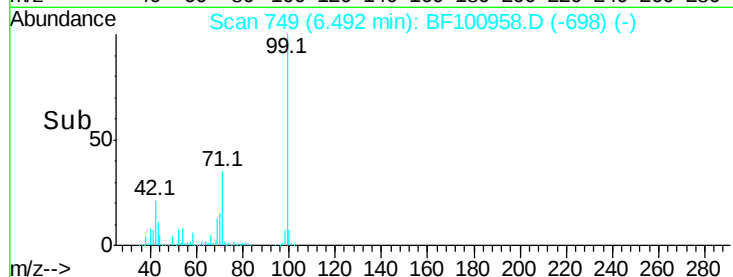
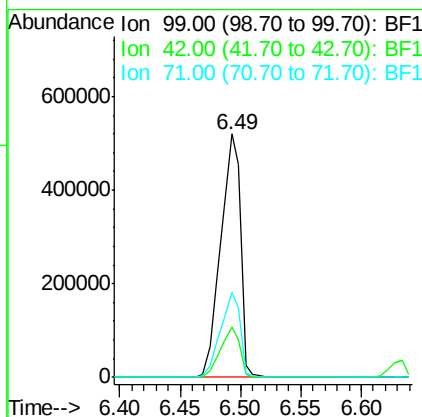
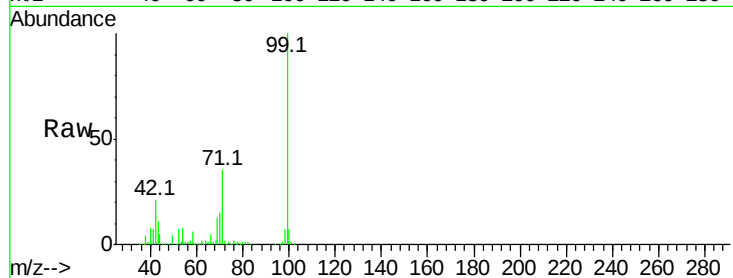
ClientSampleId :

HAR-2-E(7-8)

Tot Ion:	99	Resp:	589024
Ion Ratio	Lower	Upper	
99	100		
42	20.7	14.5	21.7
71	34.8	25.4	38.0

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#10

Phenol

Concen: 2.837 ng

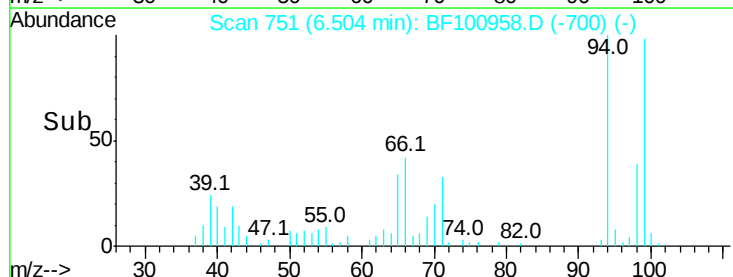
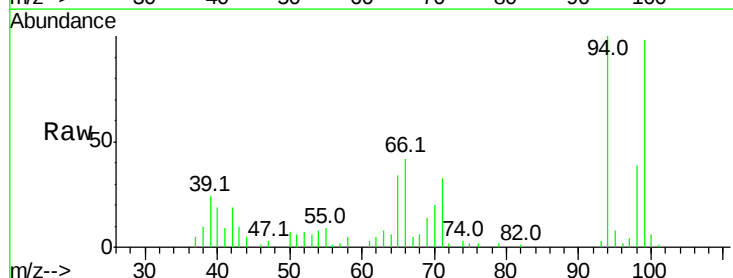
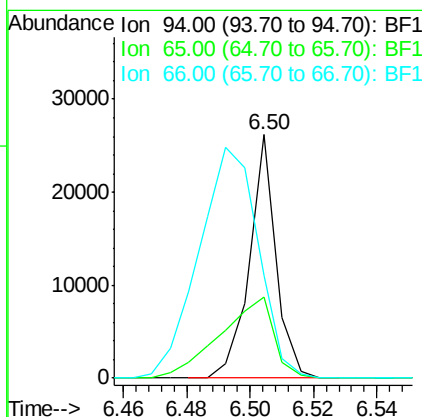
RT: 6.50 min Scan# 751

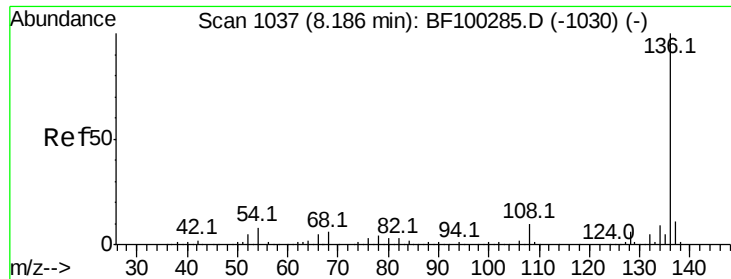
Delta R.T. -0.00 min

Lab File: BF100958.D

Acq: 29 Nov 2017 3:03

Tgt Ion:	94	Resp:	15225
Ion Ratio	Lower	Upper	
94	100		
65	33.5	7.9	47.9
66	42.3	16.2	56.2





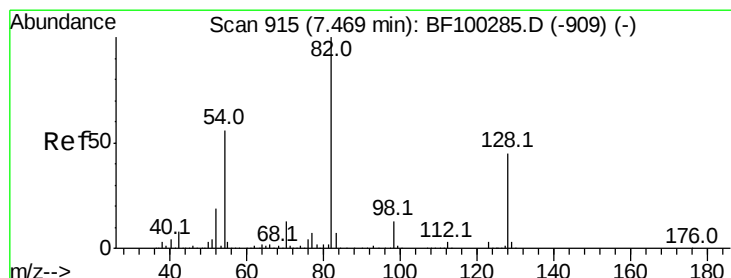
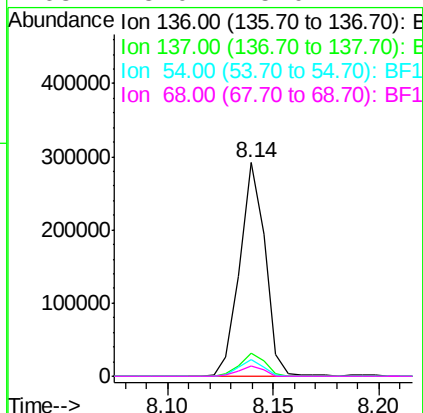
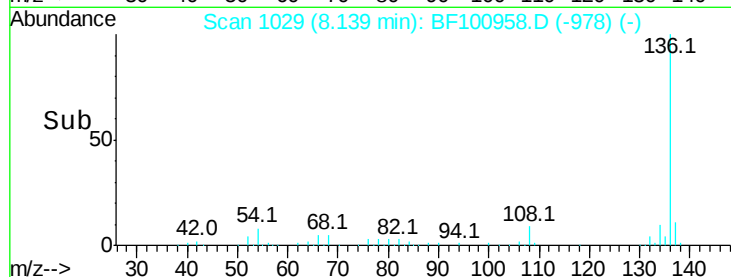
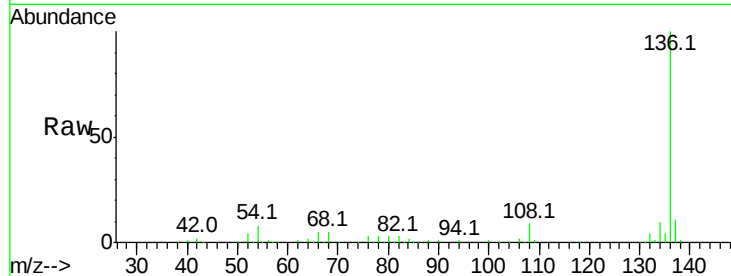
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.7	6.6	9.8	
68	5.0	5.0	7.4	

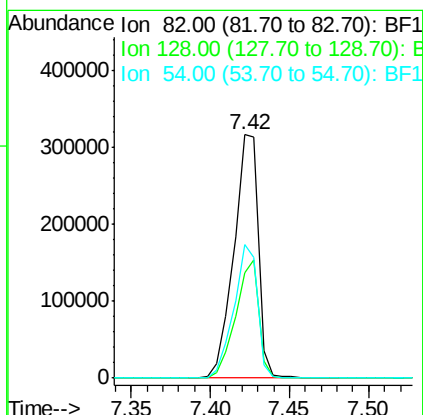
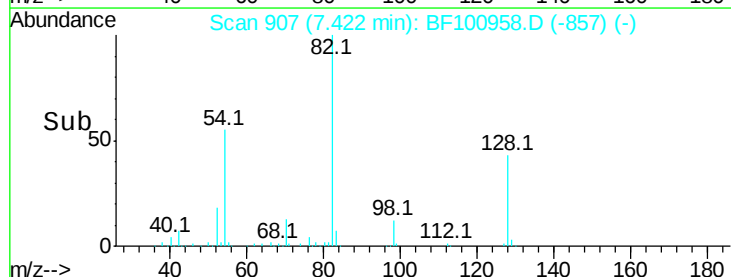
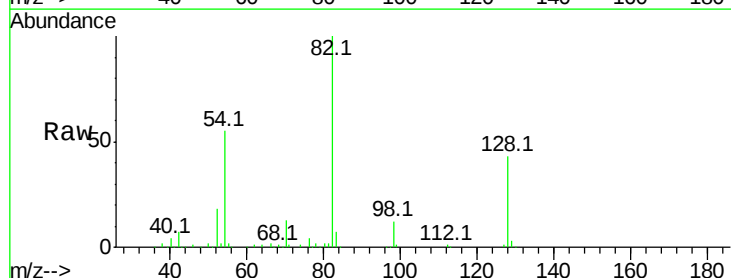
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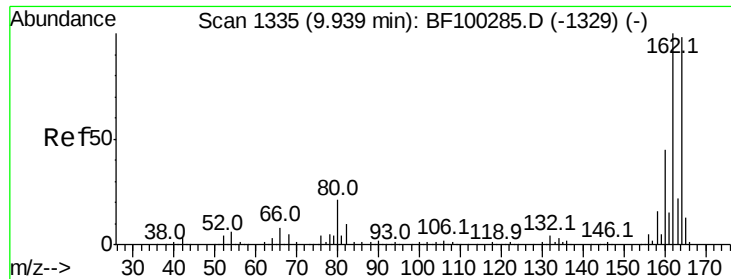
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#23
Nitrobenzene-d5
Concen: 91.924 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	36.1	54.1	
54	54.7	41.4	62.2	





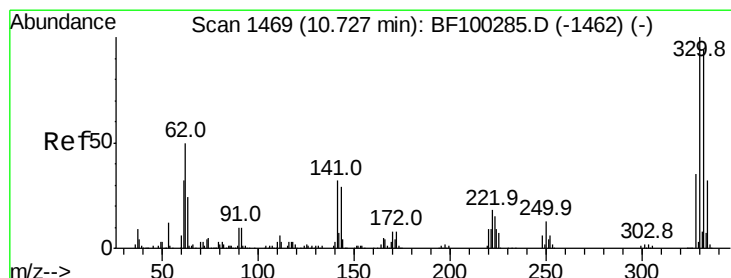
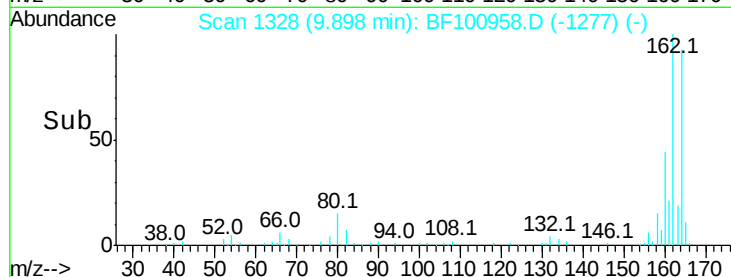
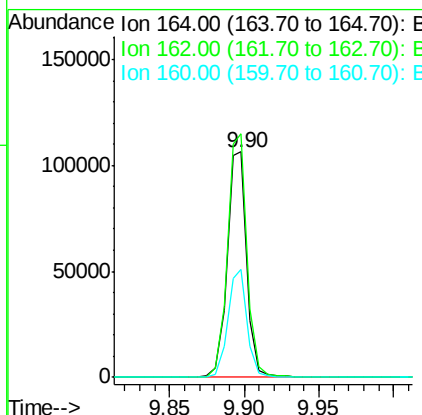
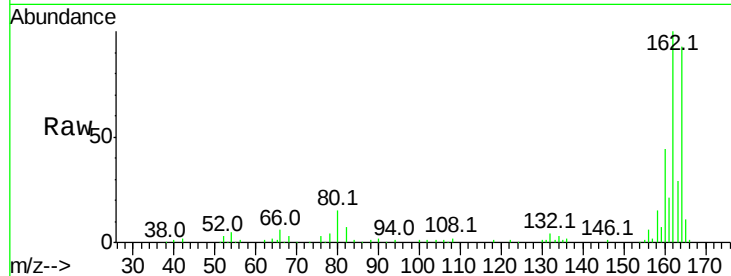
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.0	86.1	129.1
160	48.0	38.3	57.5

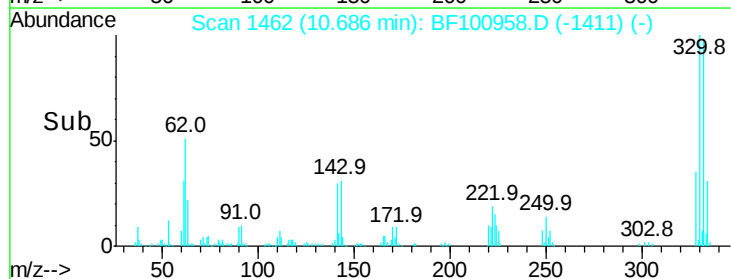
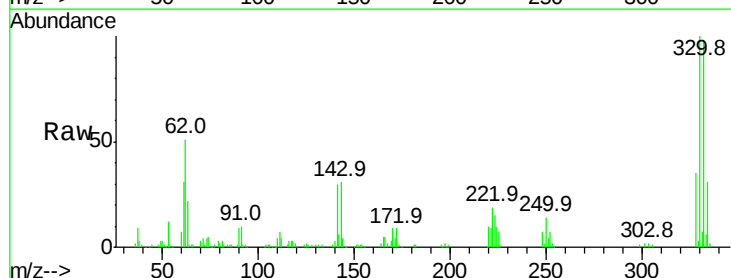
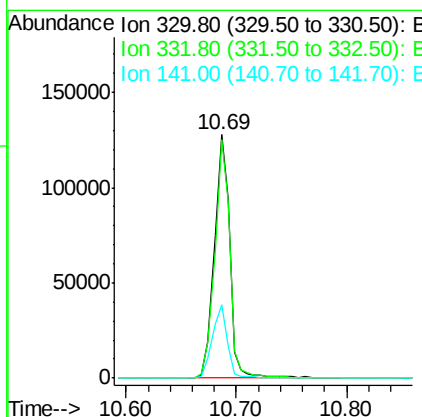
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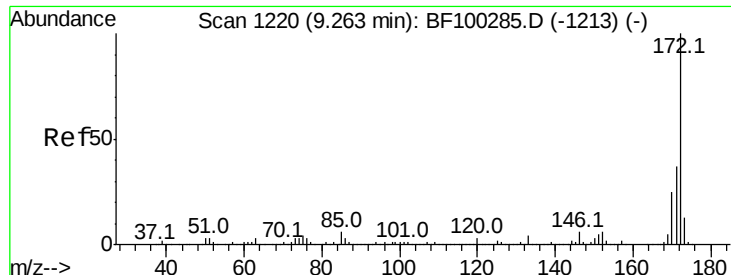
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#41
2,4,6-Tribromophenol
Concen: 121.768 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.0	29.9	44.9#





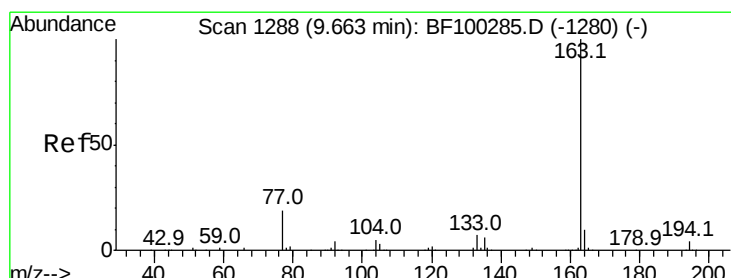
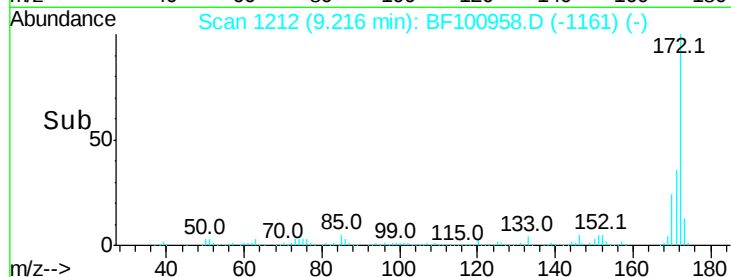
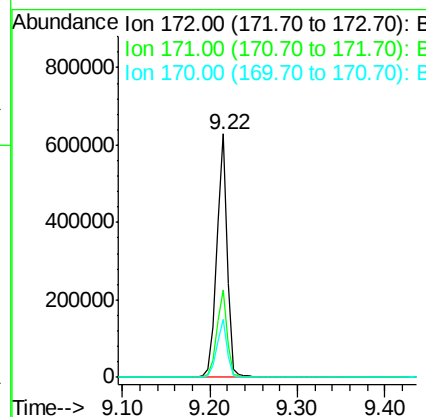
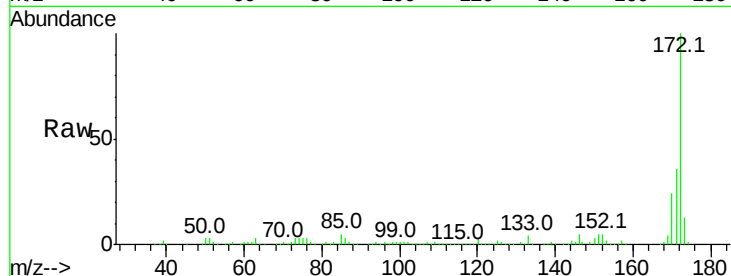
#44
2-Fluorobiphenyl
Concen: 80.688 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	524531		
171	35.8		29.7	44.5
170	23.6		19.6	29.4

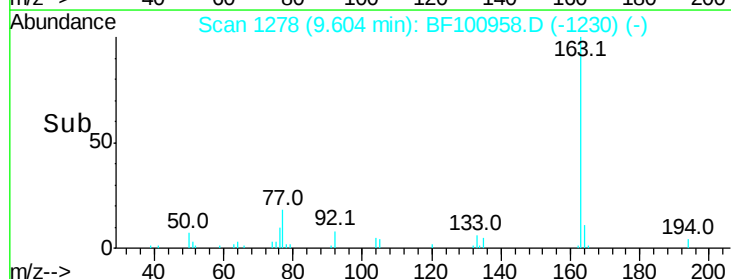
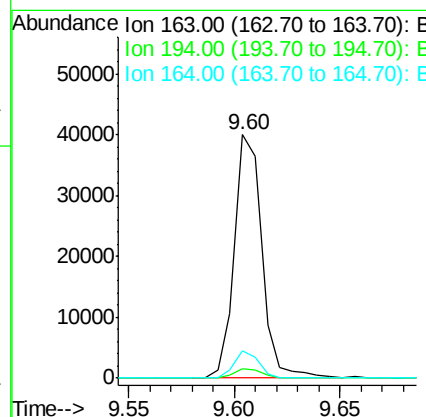
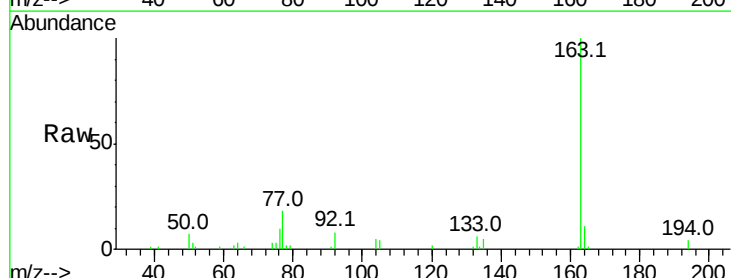
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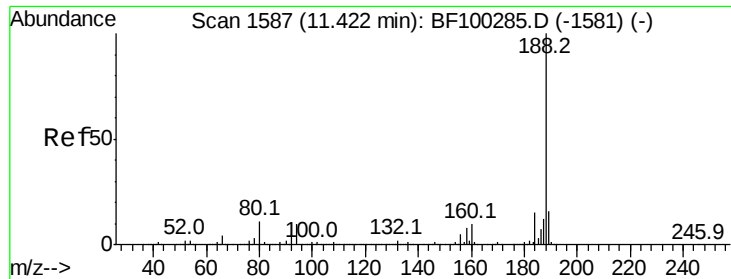
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#49
Dimethylphthalate
Concen: 4.737 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	35800		
194	4.0		2.7	4.1
164	11.1		8.2	12.2





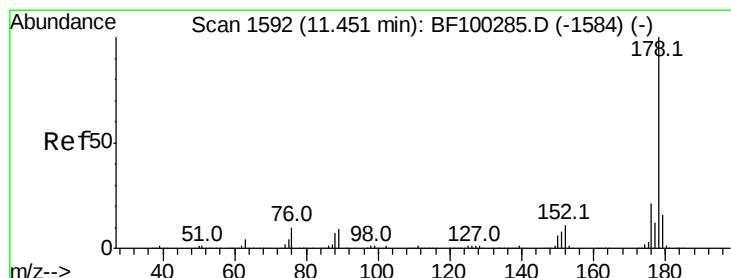
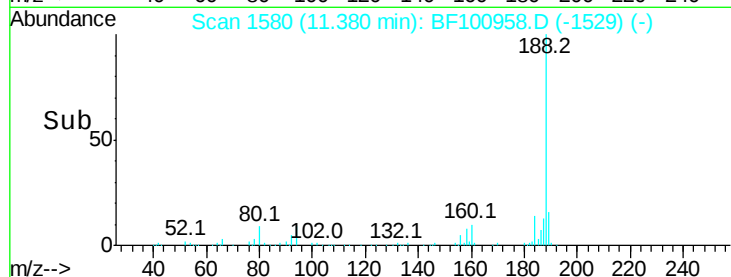
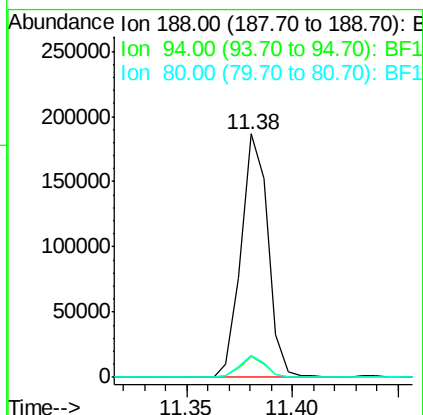
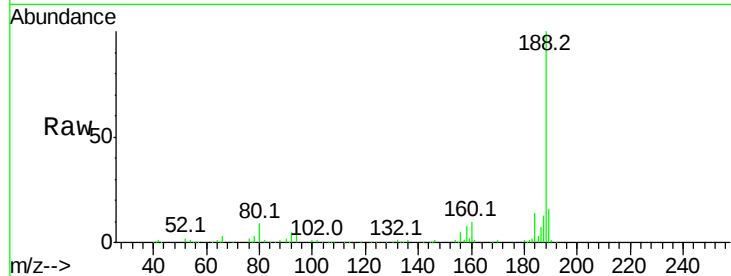
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

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

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	8.5	12.7
80	9.0	9.2	13.8#

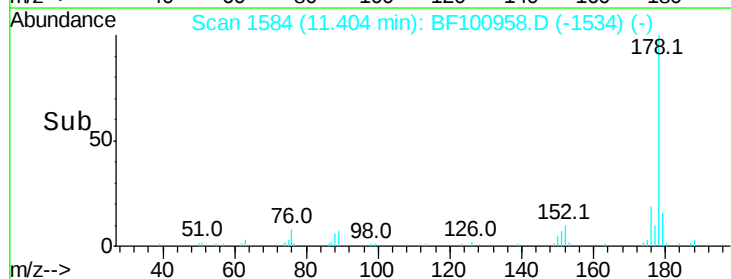
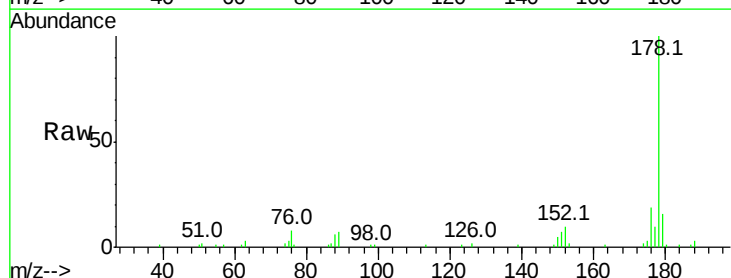
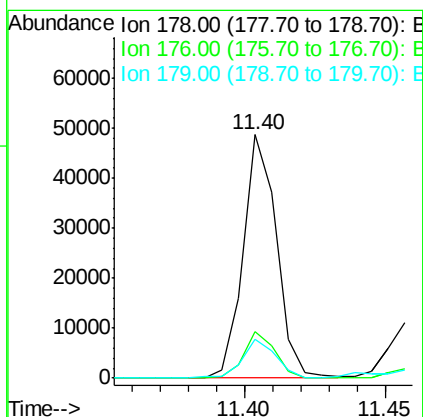
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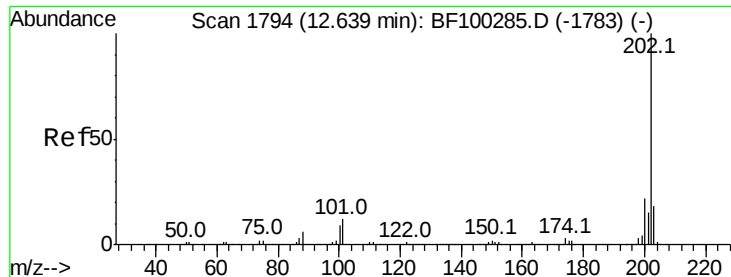
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#70
Phenanthrene
Concen: 4.628 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.9	15.8	23.8
179	16.0	13.0	19.6





#74

Fluoranthene

Concen: 5.765 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF100958.D

Acq: 29 Nov 2017 3:03

Instrument :

BNA_F

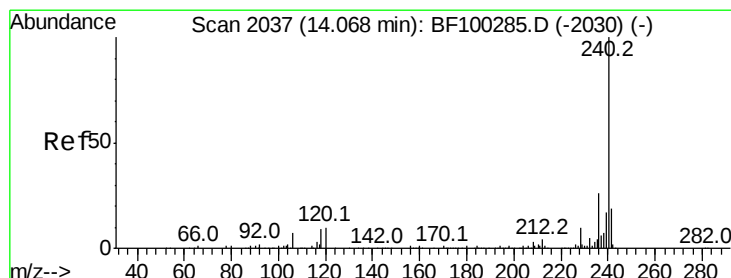
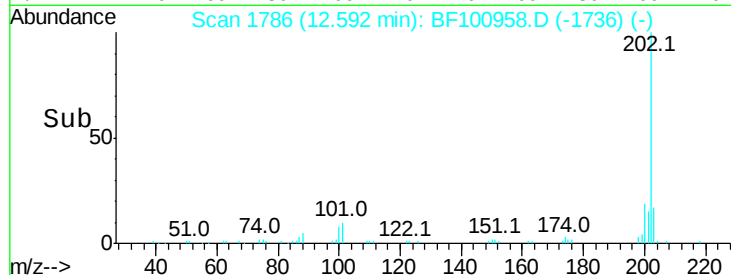
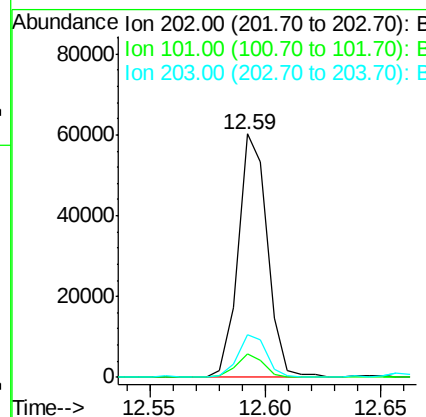
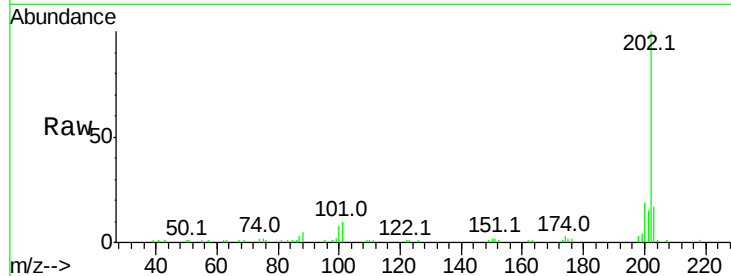
ClientSampleId :

HAR-2-E(7-8)

Tot Ion:	202	Resp:	53013
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

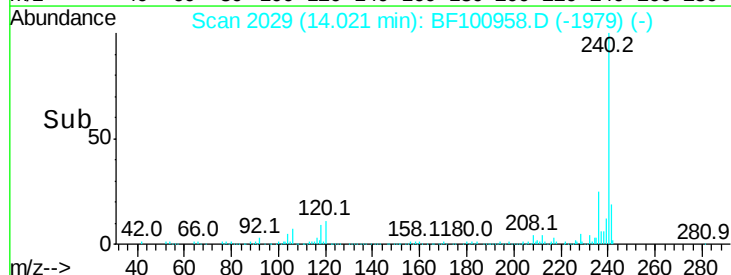
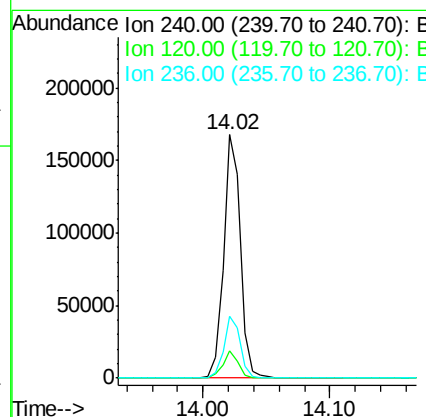
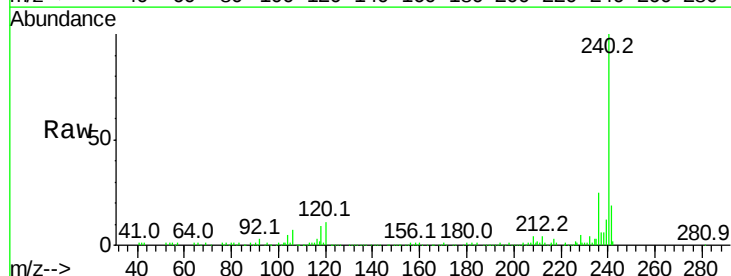
RT: 14.02 min Scan# 2029

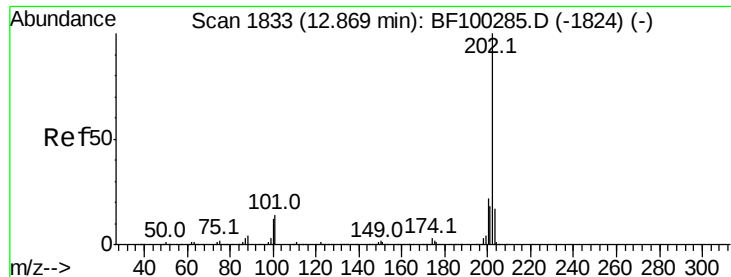
Delta R.T. -0.01 min

Lab File: BF100958.D

Acq: 29 Nov 2017 3:03

Tgt Ion:	240	Resp:	155421
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	25.4	20.7	31.1





#77

Pvrene

Concen: 3.919 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF100958.D

Acq: 29 Nov 2017 3:03

Instrument :

BNA_F

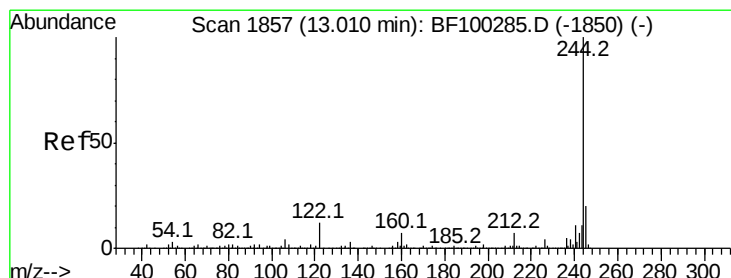
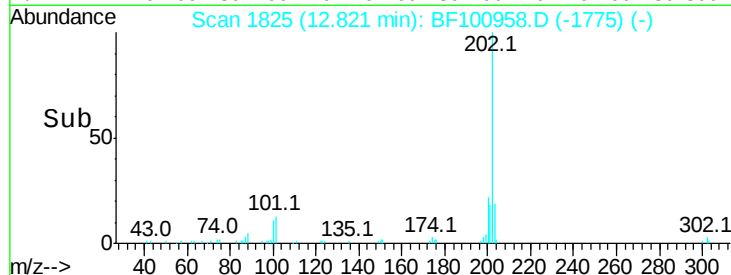
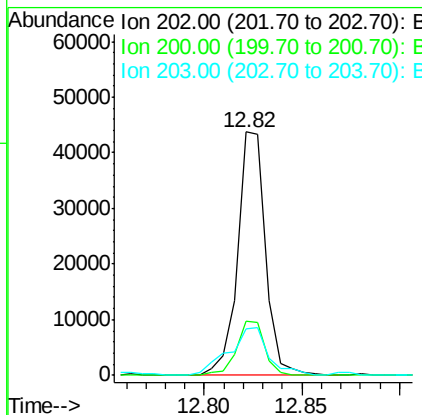
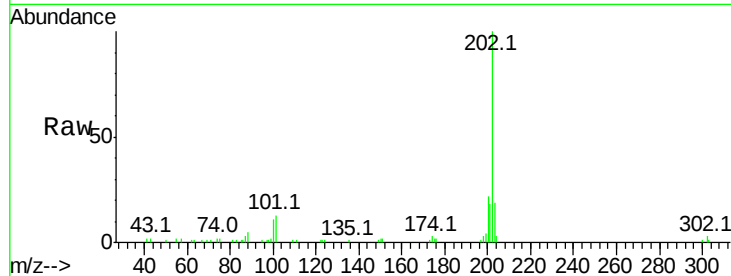
ClientSampled :

HAR-2-E(7-8)

Tot Ion:	202	Resp:	43419
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.4	26.2
203	19.1	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 59.774 ng

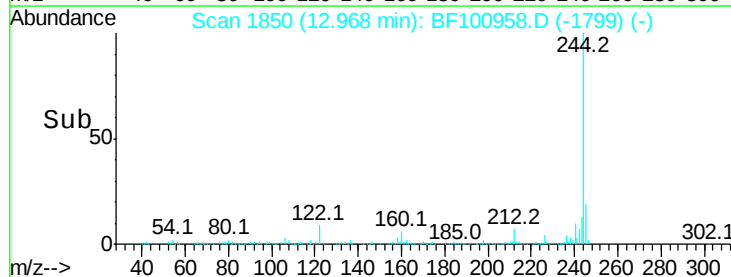
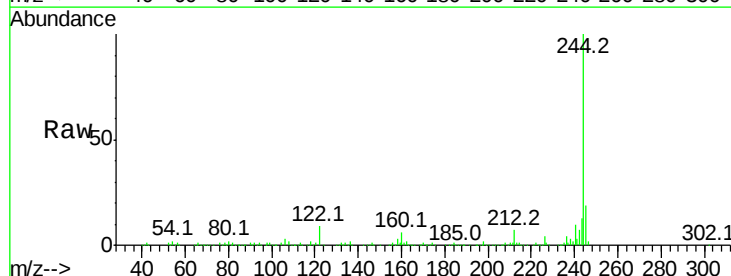
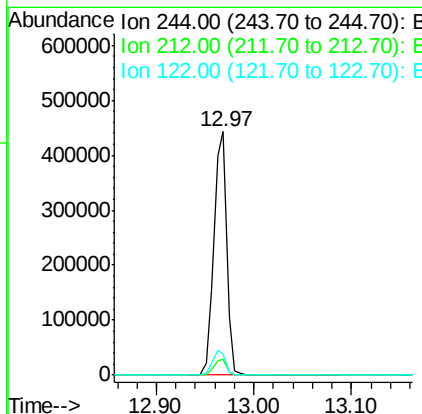
RT: 12.97 min Scan# 1850

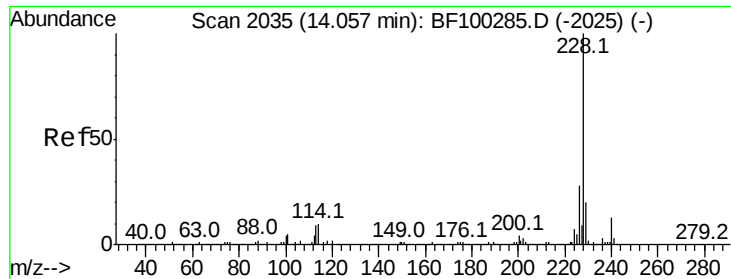
Delta R.T. -0.00 min

Lab File: BF100958.D

Acq: 29 Nov 2017 3:03

Tgt Ion:	244	Resp:	404319
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	8.8	11.0	16.4#





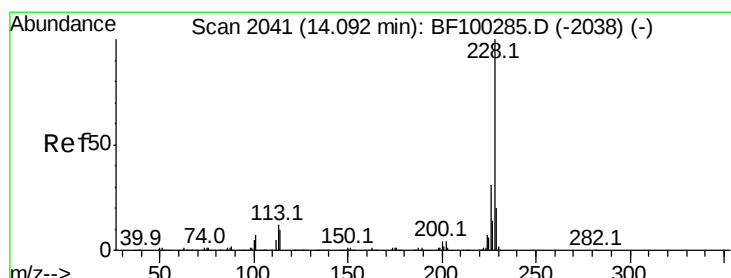
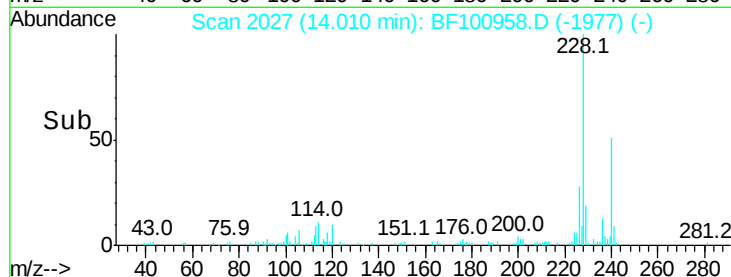
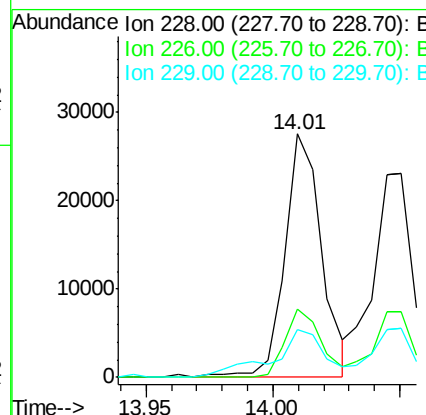
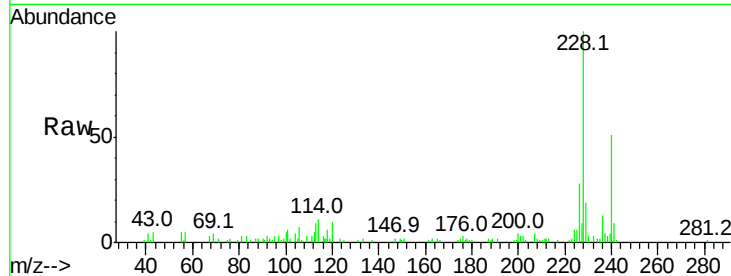
#80
Benzo(a)anthracene
Concen: 2.966 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.5	15.8	23.6

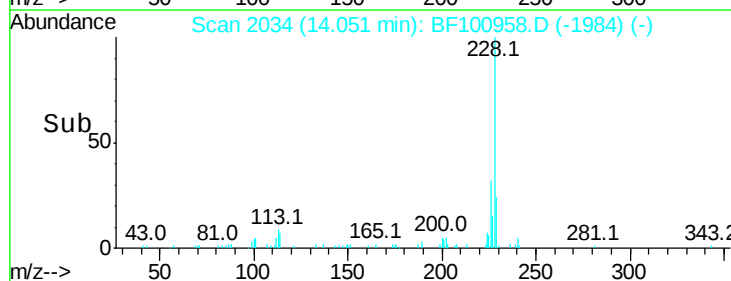
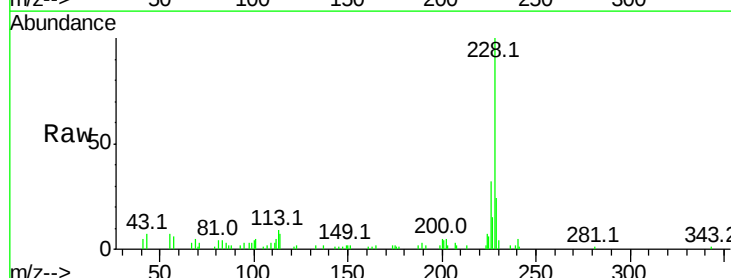
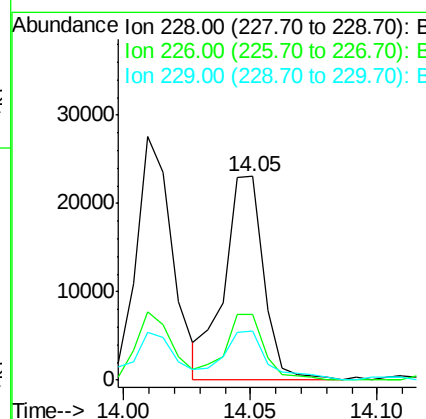
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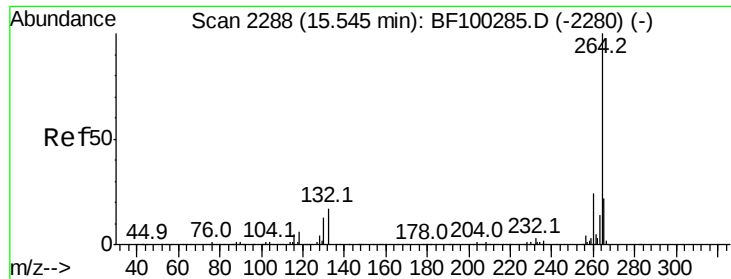
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#82
Chrysene
Concen: 2.771 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100958.D
Acq: 29 Nov 2017 3:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	24.2	16.2	24.4





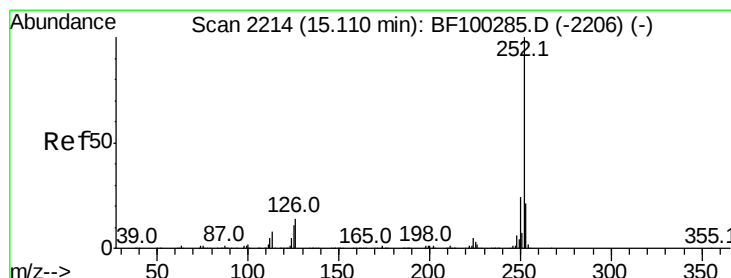
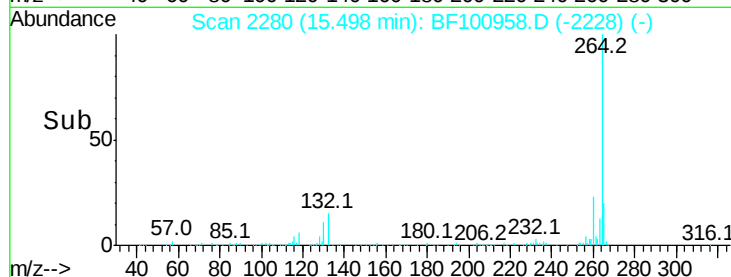
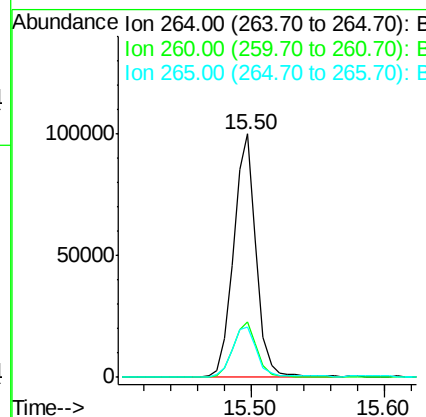
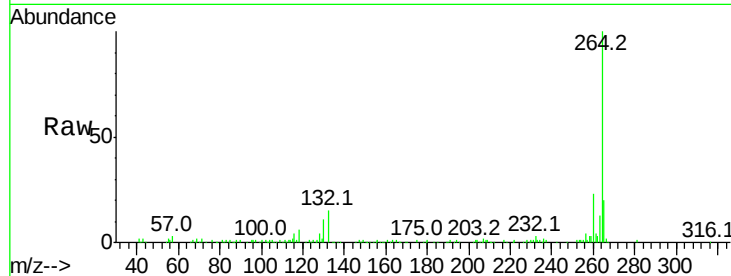
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF100958.D
 Acq: 29 Nov 2017 3:03

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.4	17.5	26.3

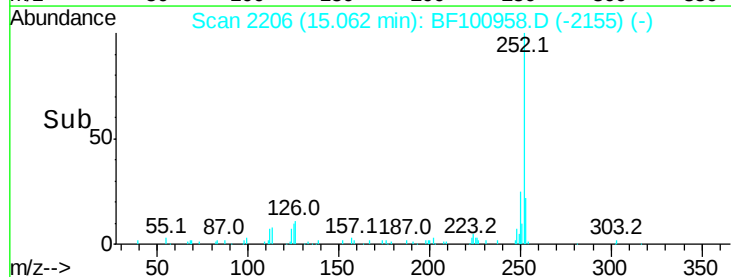
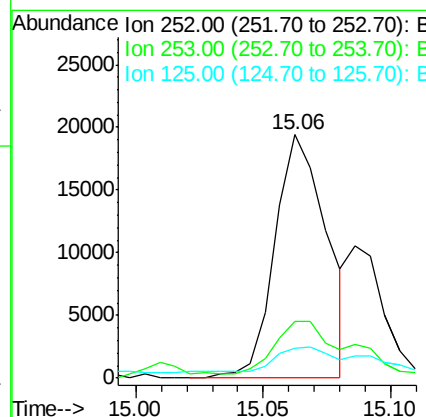
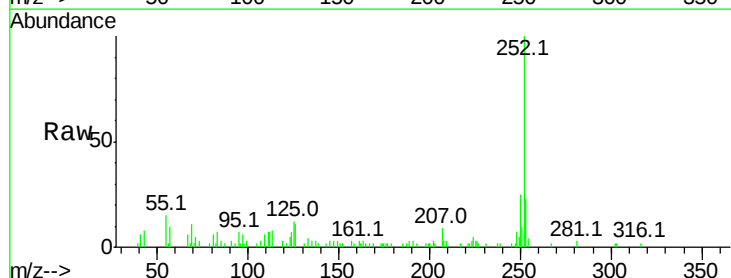
Manual Integrations
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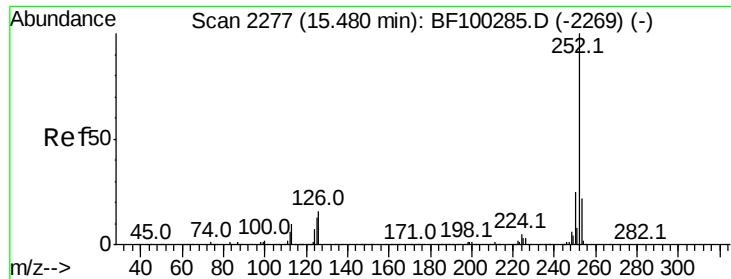
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#87
 Benzo(b)fluoranthene
 Concen: 3.890 ng m
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BF100958.D
 Acq: 29 Nov 2017 3:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	12.1	9.0	13.6





#89

Benzo(a)pyrene

Concen: 3.024 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF100958.D

Acq: 29 Nov 2017 3:03

Instrument :

BNA_F

ClientSampleId :

HAR-2-E(7-8)

Tot Ion:	252	Resp:	18884
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	13.0	9.8	14.6

Manual Integrations
APPROVED

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