

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100301.D
 Acq On : 8 Nov 2017 19:37
 Operator : SJ/JU
 Sample : I6300-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110617

Manual Integrations
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Sohil
 11/9/2017 3:41:38 PM

Quant Time: Nov 09 00:30:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190349	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	751286	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	329087	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	554638	20.00	ng	0.00
75) Chrysene-d12	14.06	240	369827	20.00	ng	-0.01
86) Perylene-d12	15.54	264	399796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	135638	11.42	ng	-0.01
7) Phenol-d6	6.50	99	164608	11.24	ng	-0.02
23) Nitrobenzene-d5	7.45	82	86291	7.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	32727	9.76	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	180560	8.35	ng	-0.01
78) Terphenyl-d14	13.00	244	117329	7.29	ng	0.00
Target Compounds						
70) Phenanthrene	11.45	178	357372	12.238	ng	99
71) Anthracene	11.49	178	73686	2.487	ng	99
74) Fluoranthene	12.63	202	399737	12.916	ng	97
77) Pyrene	12.86	202	452191	17.153	ng	100
80) Benzo(a)anthracene	14.05	228	179647	8.066	ng	93
82) Chrysene	14.09	228	187233	8.682	ng	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	73760	4.228	ng	94
87) Benzo(b)fluoranthene	15.10	252	194862m	8.227	ng	
88) Benzo(k)fluoranthene	15.13	252	64853m	2.898	ng	
89) Benzo(a)pyrene	15.47	252	151454	7.213	ng	97
91) Benzo(g,h,i)perylene	17.47	276	75346	4.482	ng	95

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

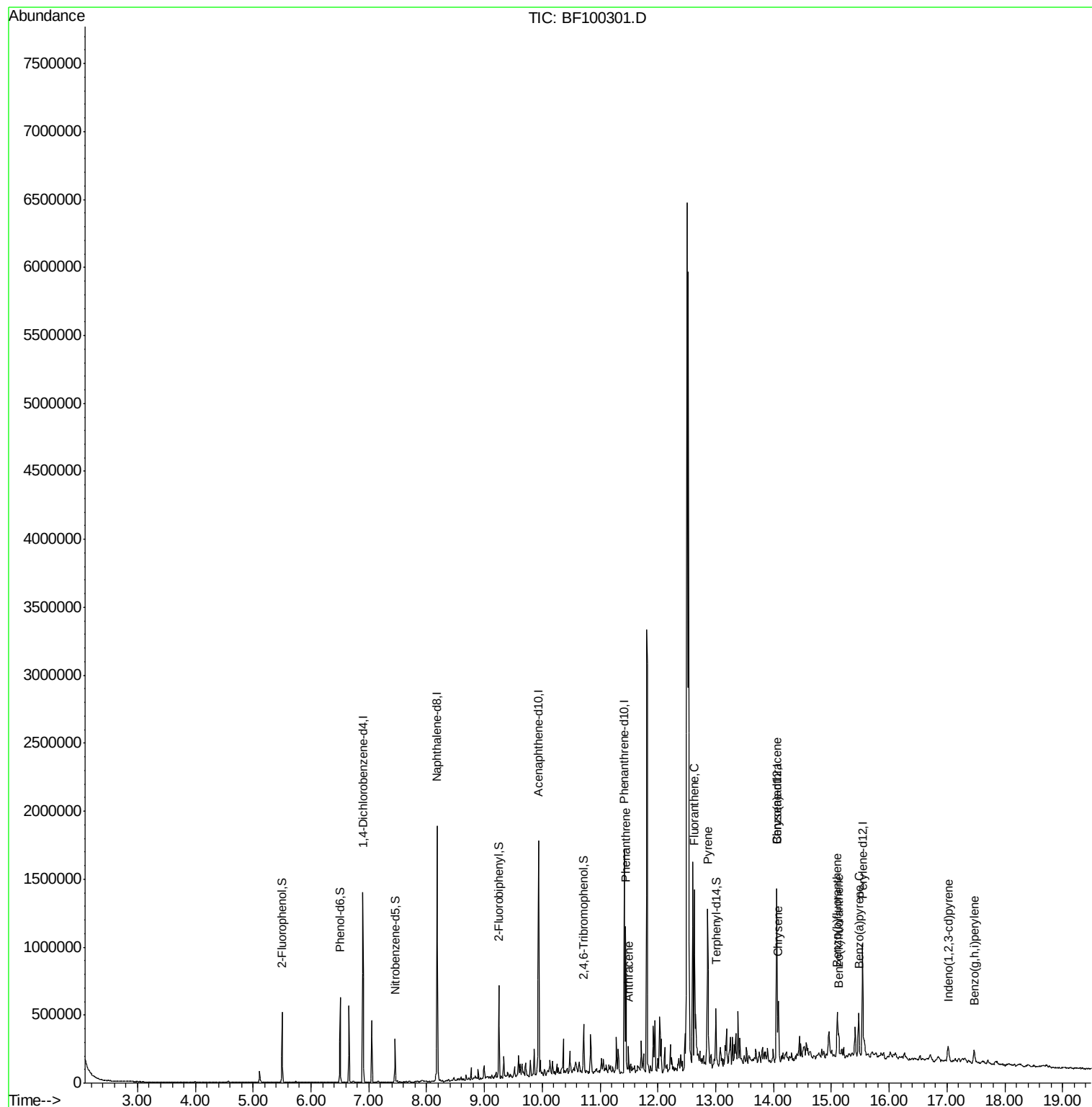
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

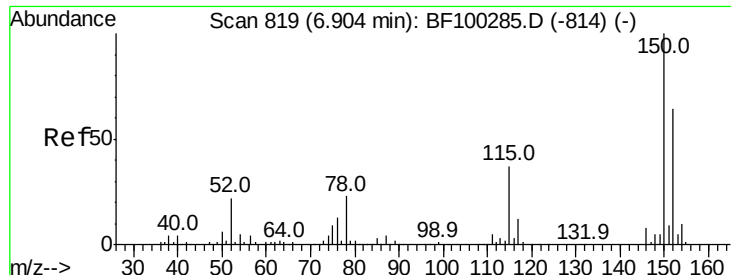
Instrument :
BNA_F
ClientSampleId :
OR-02-110617

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Quant Time: Nov 09 00:30:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

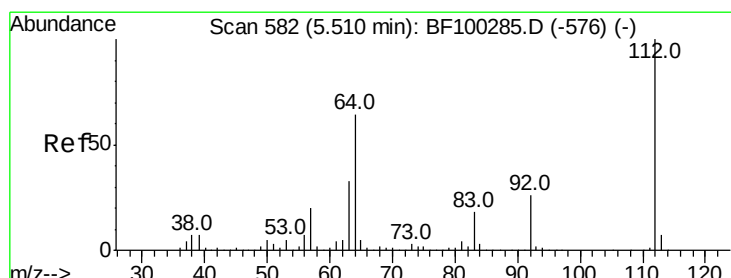
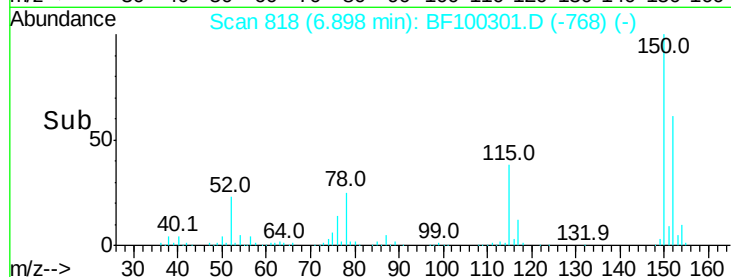
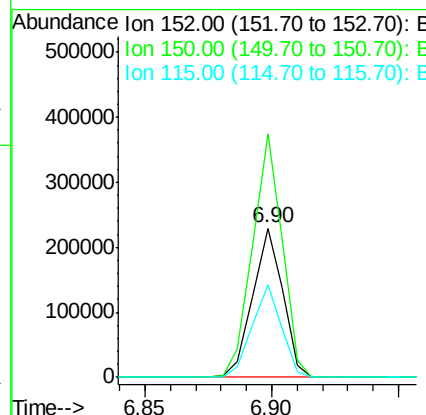
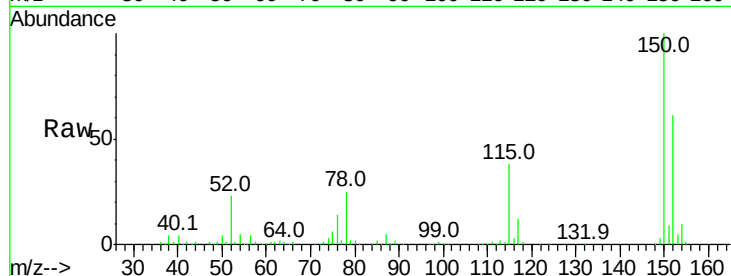
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Instrument :
BNA_F
ClientSampleId :
OR-02-110617

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.6	186.8
115	62.1	50.1	75.1

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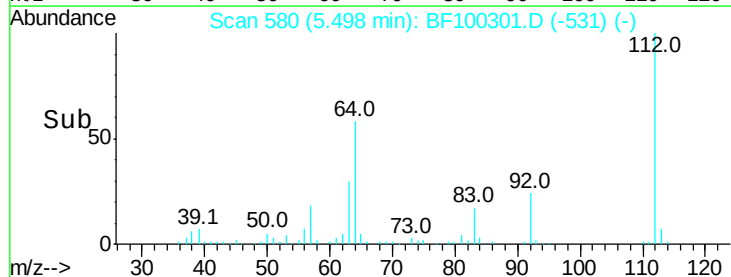
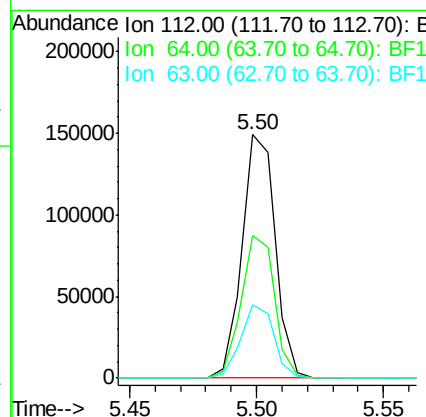
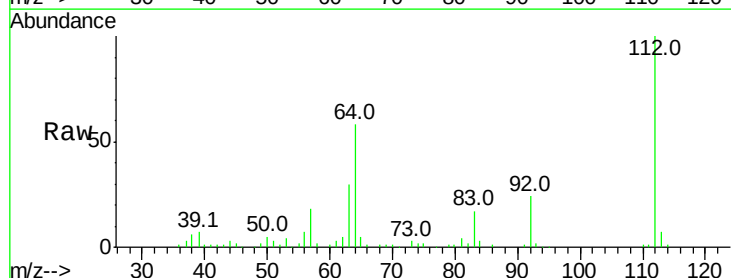
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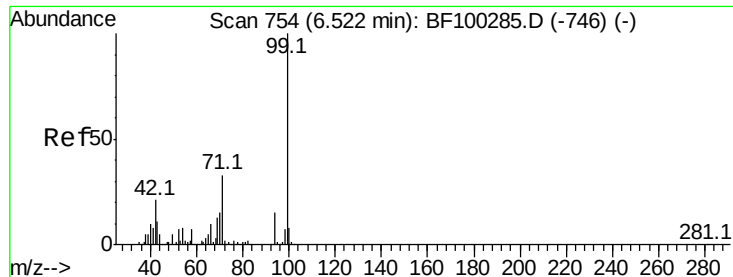


#5

2-Fluorophenol
Concen: 11.422 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 11.241 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100301.D

Acq: 8 Nov 2017 19:37

Instrument :

BNA_F

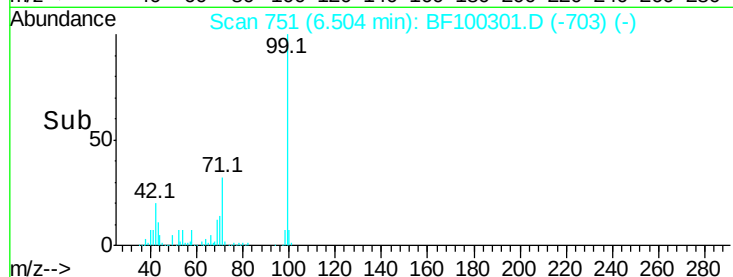
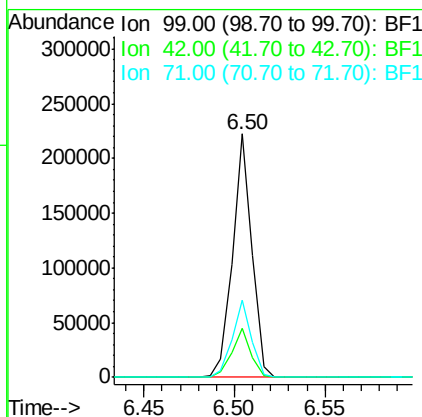
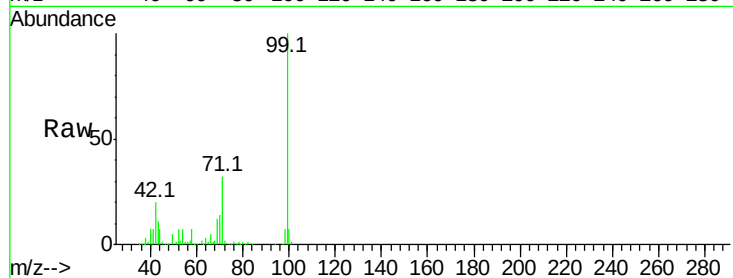
ClientSampleId :

OR-02-110617

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		164608		
42	20.1	14.5	21.7		
71	31.7	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

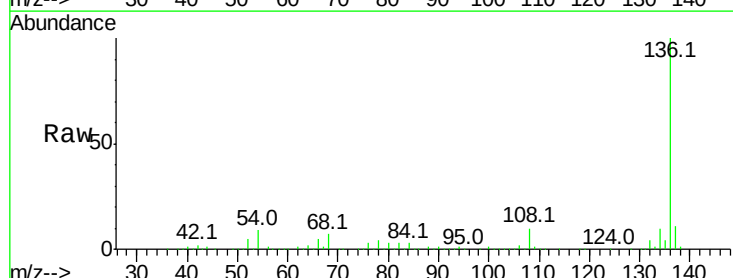
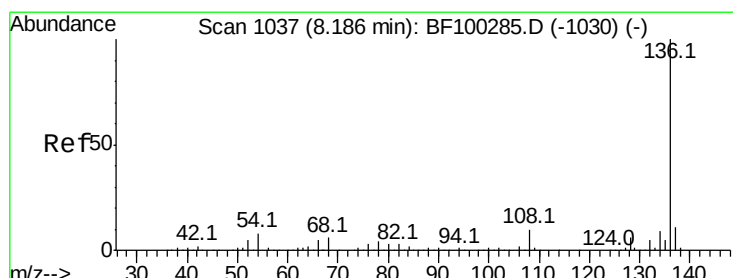
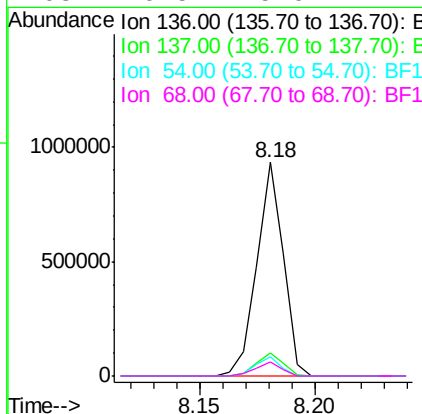
RT: 8.18 min Scan# 1036

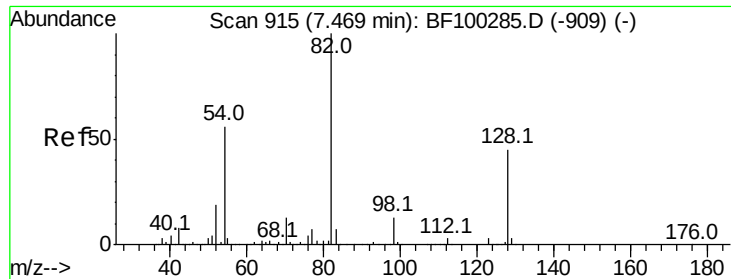
Delta R.T. -0.01 min

Lab File: BF100301.D

Acq: 8 Nov 2017 19:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		751286		
137	10.8	8.9	13.3		
54	8.8	6.6	9.8		
68	6.5	5.0	7.4		





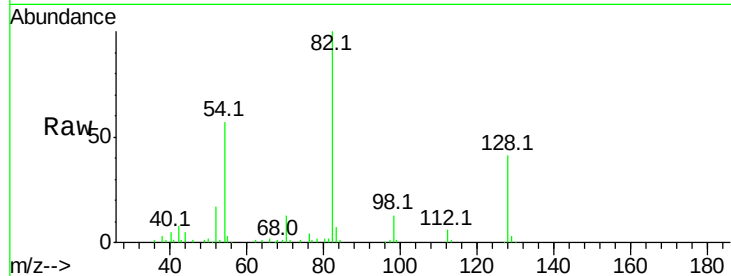
#23
Nitrobenzene-d5
Concen: 7.594 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Instrument :
BNA_F
ClientSampled :
OR-02-110617

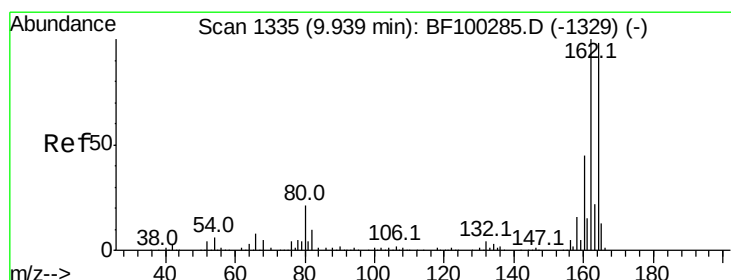
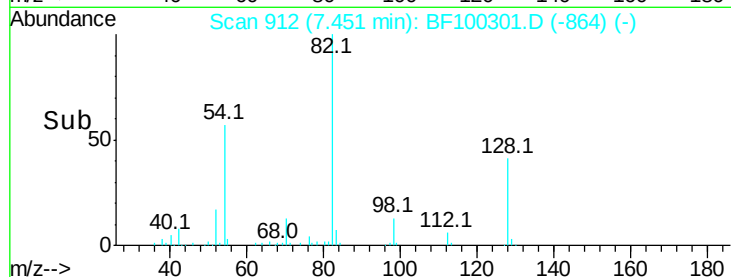
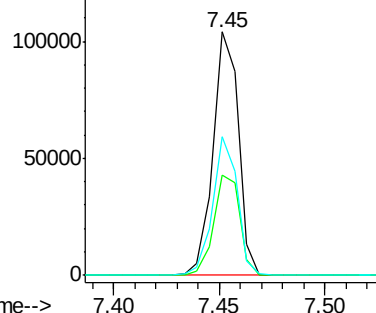
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	57.1	41.4	62.2

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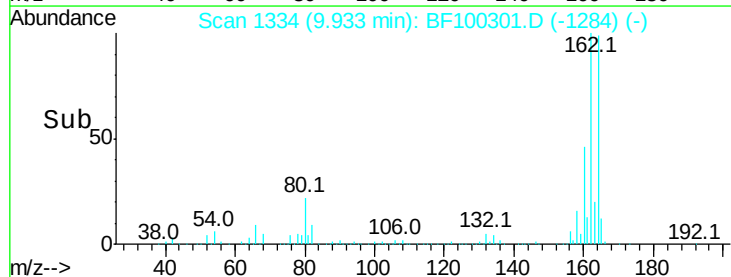
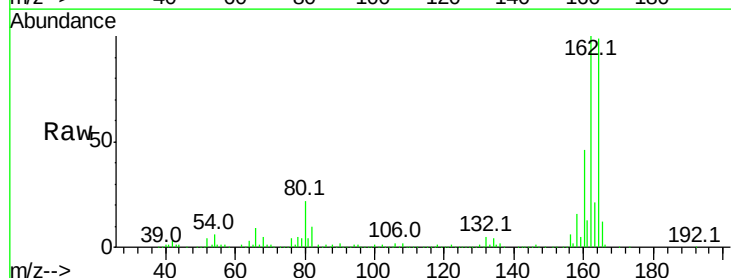
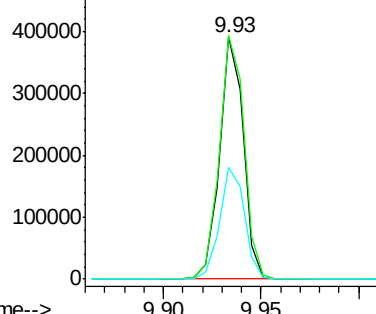
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

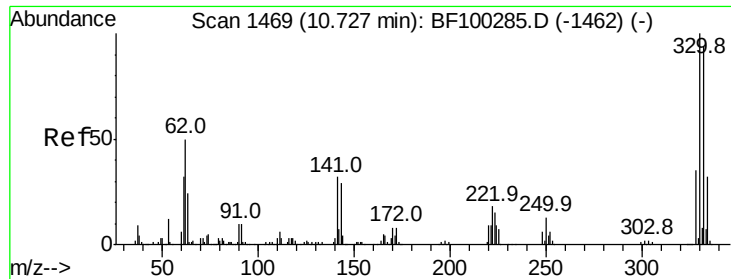


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	46.4	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





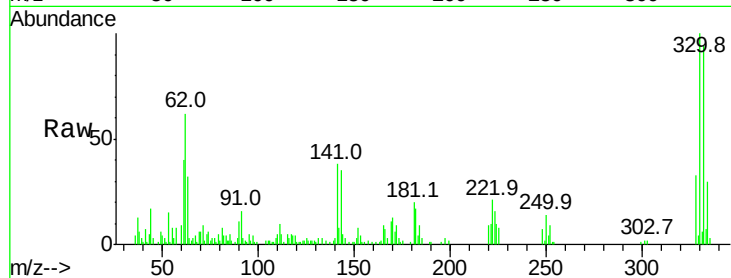
#41
 2,4,6-Tribromophenol
 Concen: 9.759 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110617

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	33.5	29.9	44.9	

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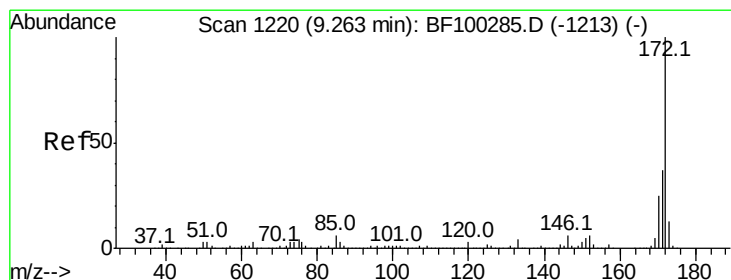
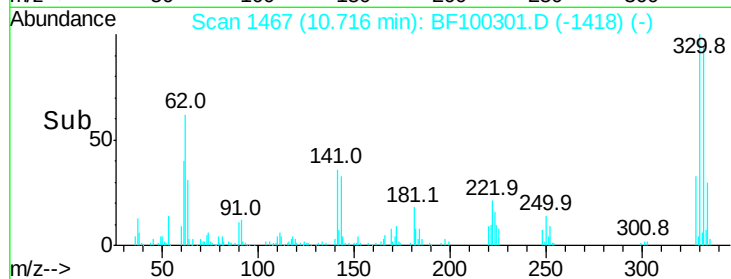
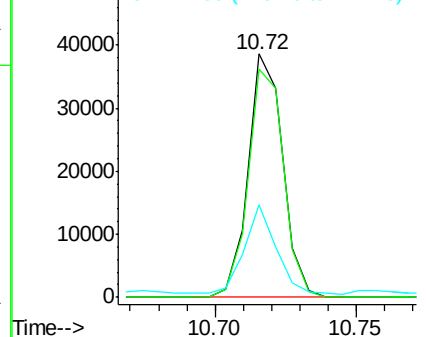


Abundance

Ion 329.80 (329.50 to 330.50): E

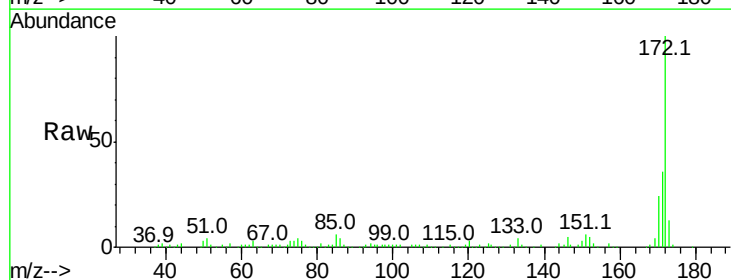
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 8.355 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.7	44.5	
170	23.6	19.6	29.4	

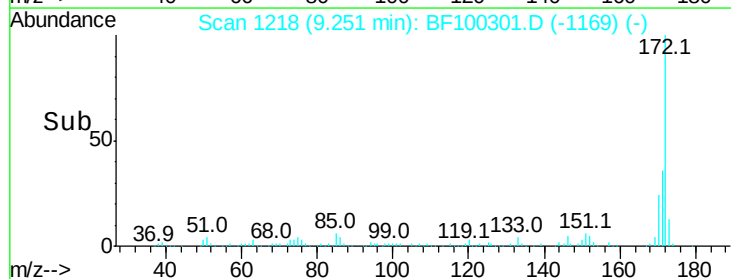
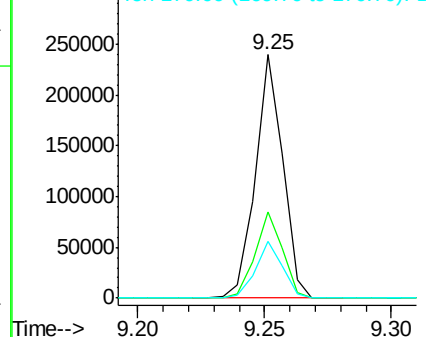


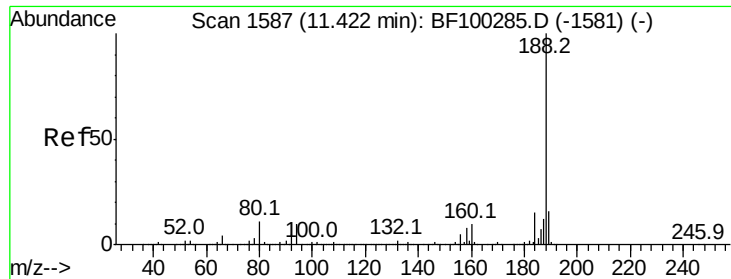
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF100301.D

Acq: 8 Nov 2017 19:37

Instrument :

BNA_F

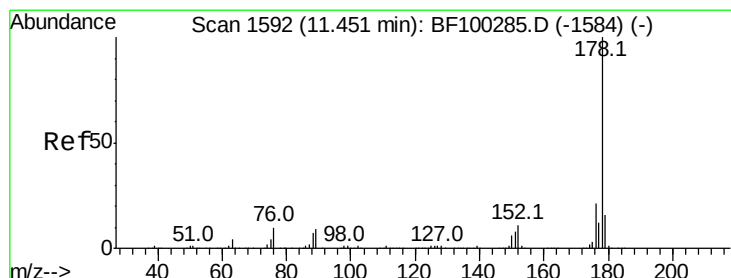
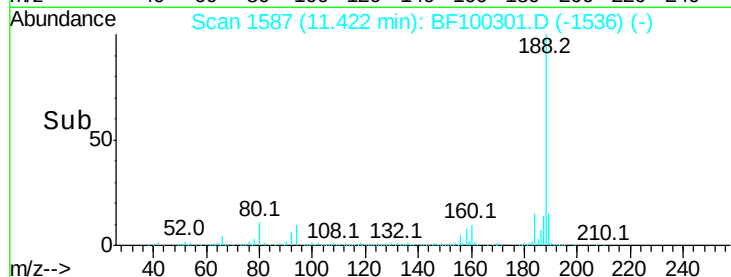
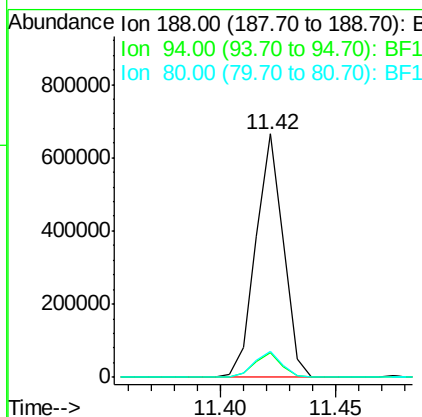
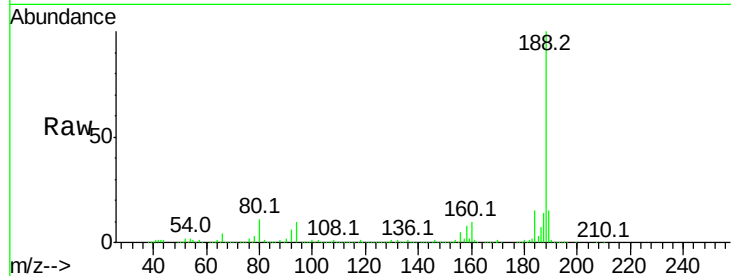
ClientSampleId :

OR-02-110617

Tot Ion:	188	Resp:	554638
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	10.7	9.2	13.8

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#70

Phenanthrene

Concen: 12.238 ng

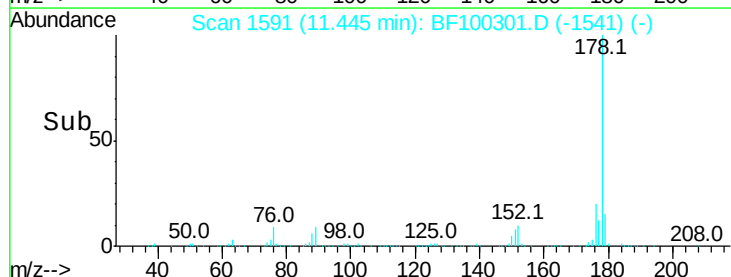
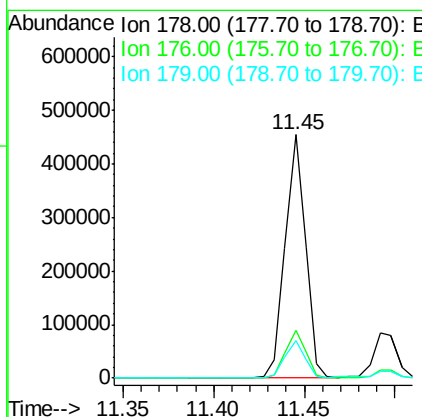
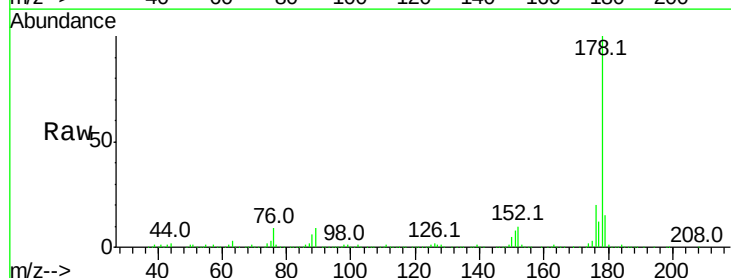
RT: 11.45 min Scan# 1591

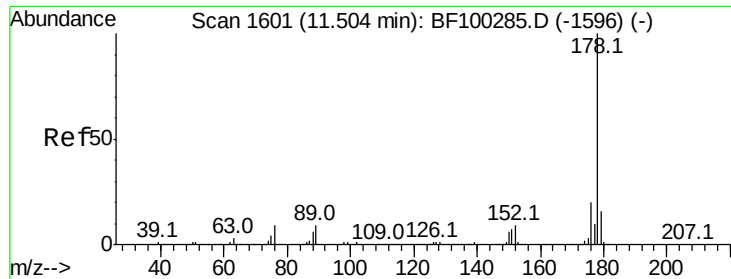
Delta R.T. -0.01 min

Lab File: BF100301.D

Acq: 8 Nov 2017 19:37

Tgt Ion:	178	Resp:	357372
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.8
179	15.2	13.0	19.6





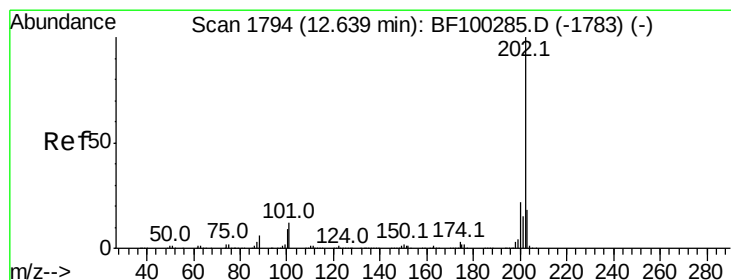
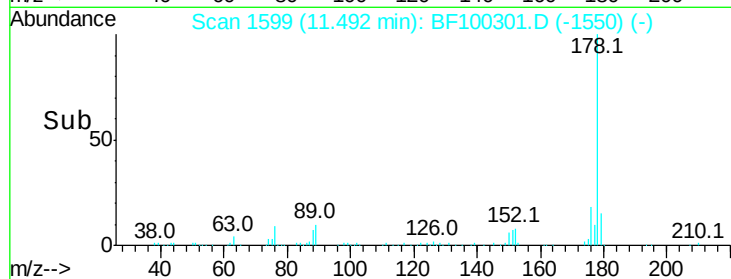
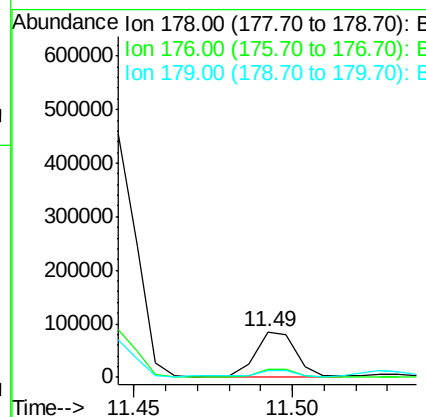
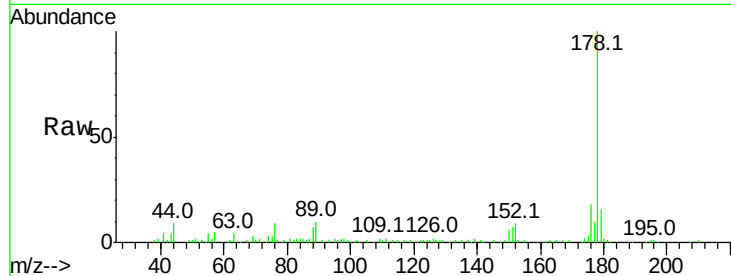
#71
 Anthracene
 Concen: 2.487 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110617

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.7	12.6	19.0

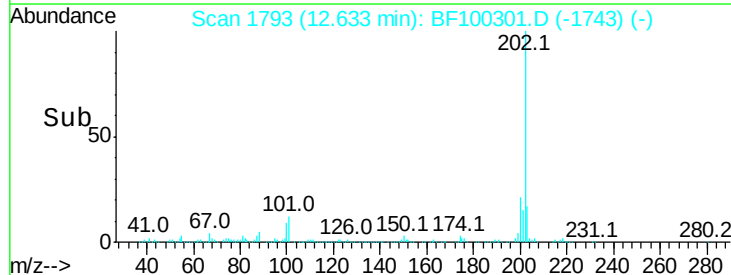
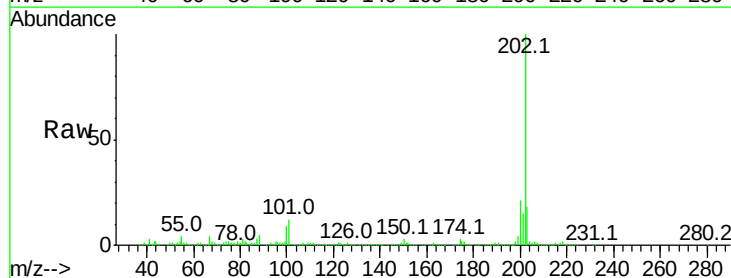
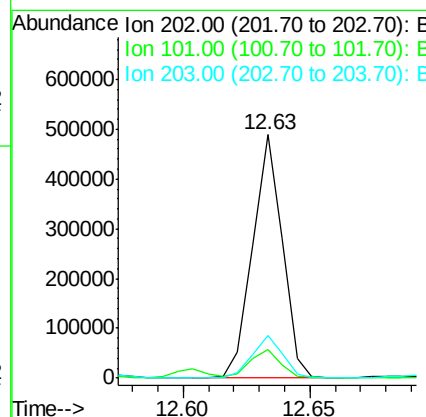
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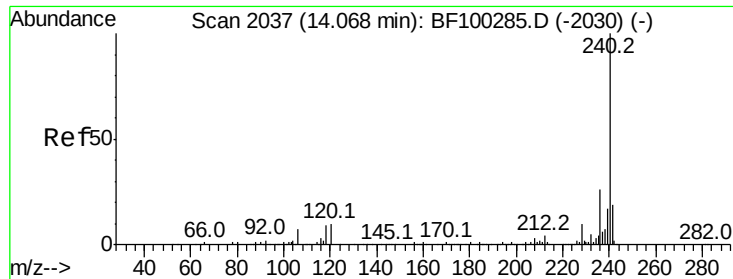
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#74
 Fluoranthene
 Concen: 12.916 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100301.D

Acq: 8 Nov 2017 19:37

Instrument :

BNA_F

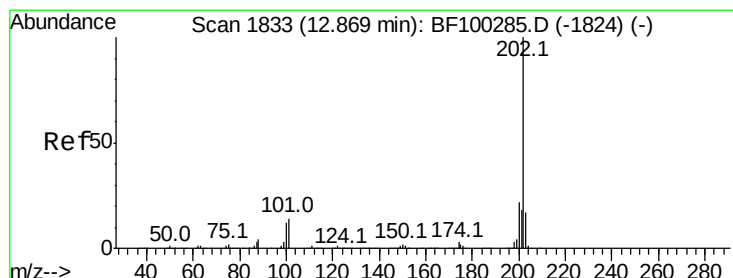
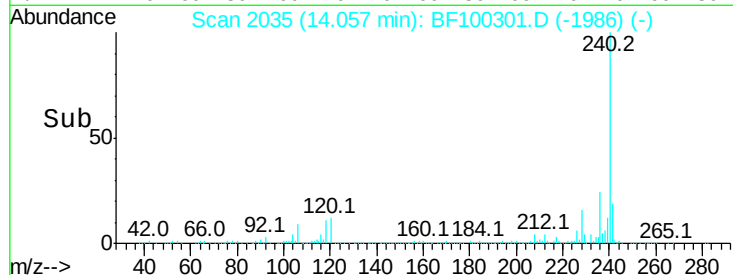
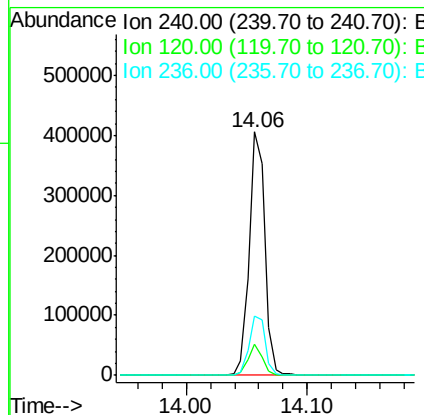
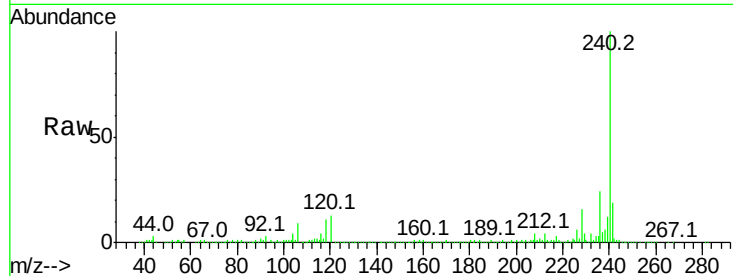
ClientSampleId :

OR-02-110617

Tot Ion:	240	Resp:	369827
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	24.3	20.7	31.1

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#77

Pyrene

Concen: 17.153 ng

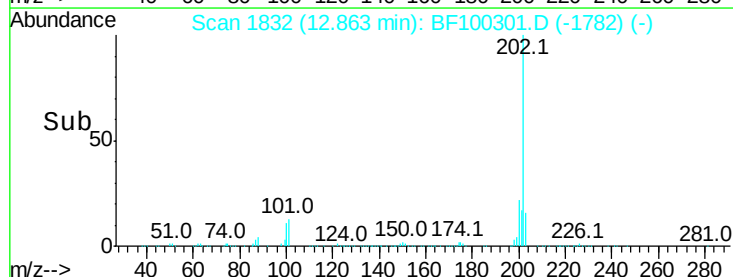
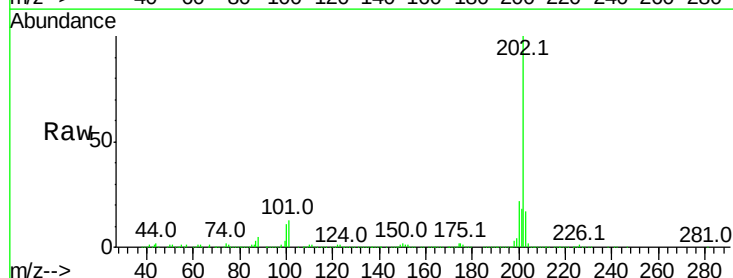
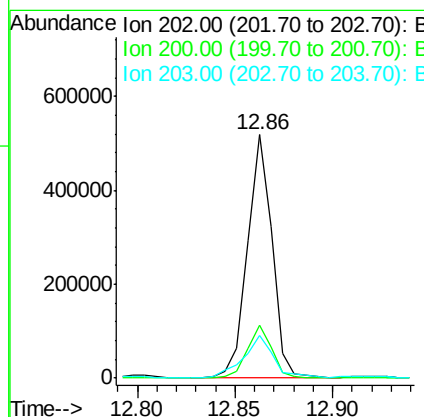
RT: 12.86 min Scan# 1832

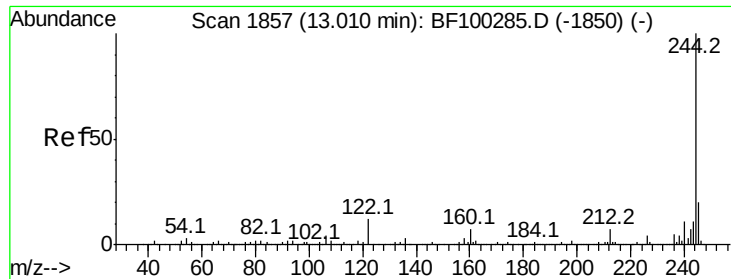
Delta R.T. -0.01 min

Lab File: BF100301.D

Acq: 8 Nov 2017 19:37

Tgt Ion:	202	Resp:	452191
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.5	14.3	21.5





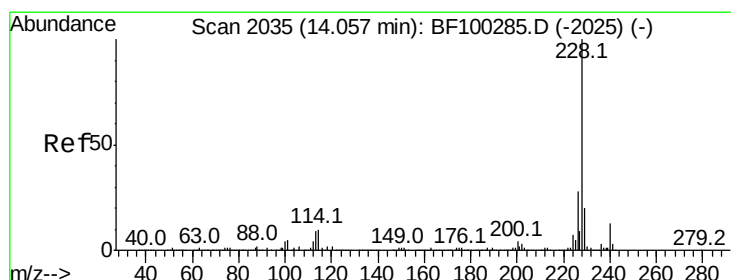
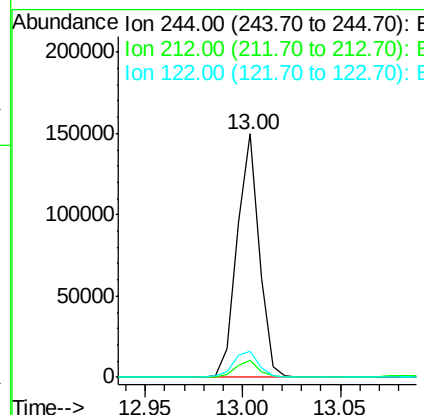
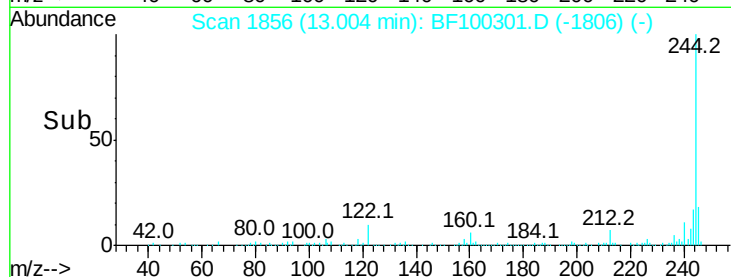
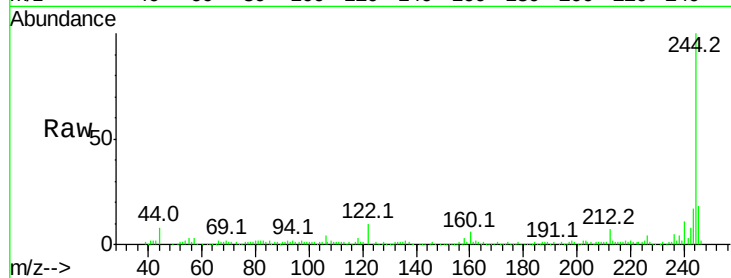
#78
 Terphenyl-d14
 Concen: 7.290 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110617

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.5	11.0	16.4

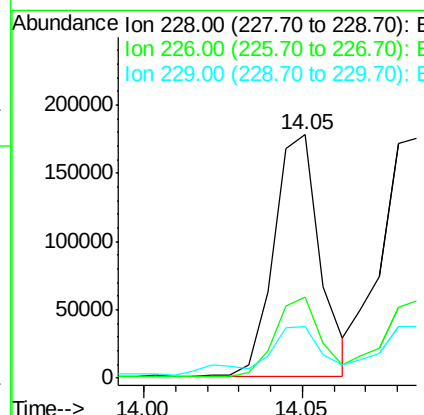
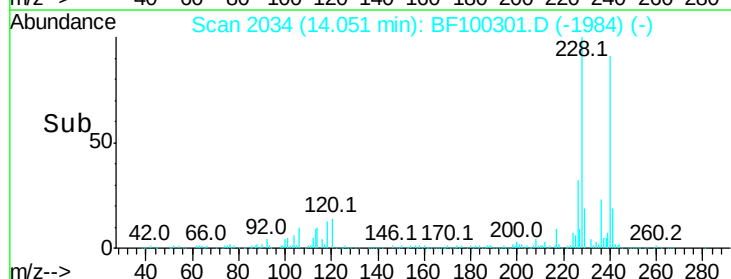
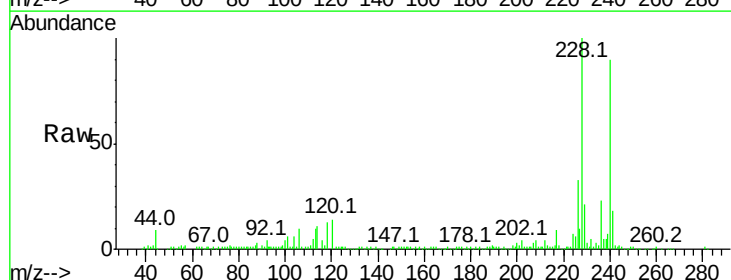
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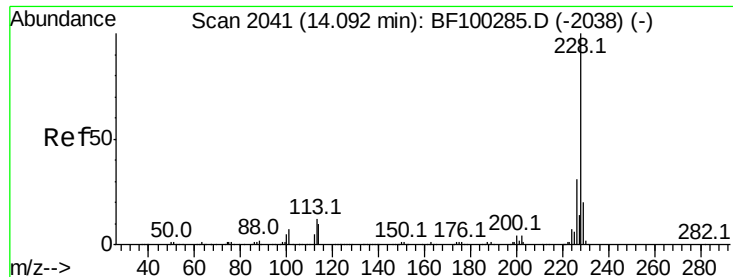
Sohil
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#80
 Benzo(a)anthracene
 Concen: 8.066 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.6	33.8
229	21.0	15.8	23.6





#82

Chrysene

Concen: 8.682 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF100301.D

Acq: 8 Nov 2017 19:37

Instrument :

BNA_F

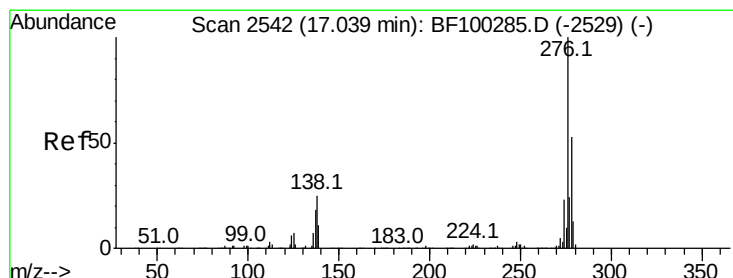
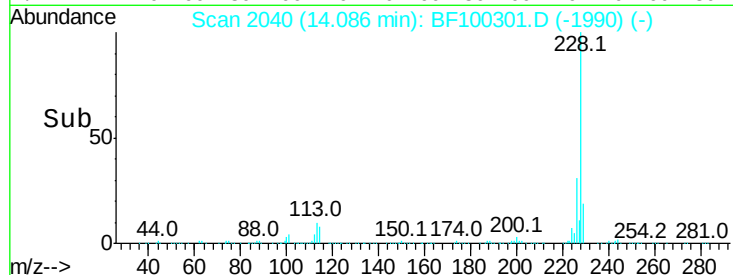
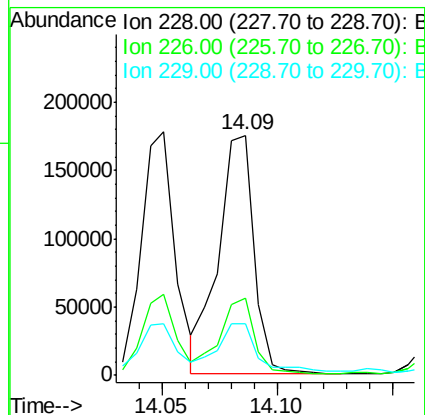
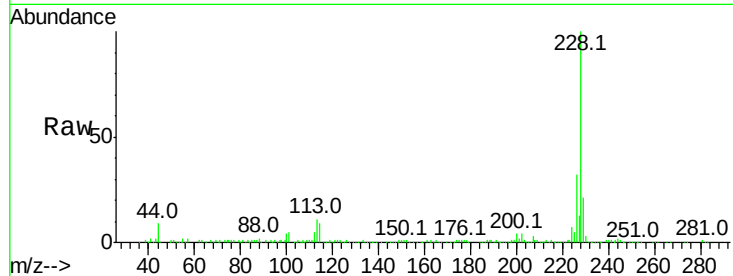
ClientSampleId :

OR-02-110617

Tot Ion:	228	Resp:	187233
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.0	37.6
229	21.4	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.228 ng

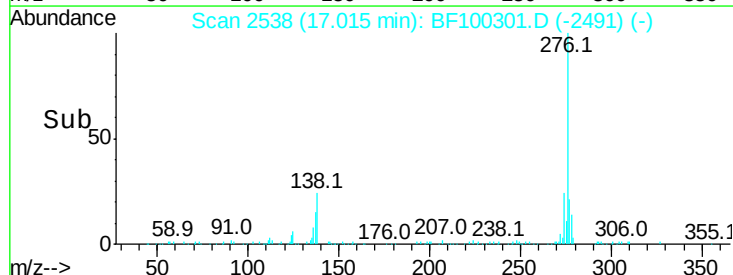
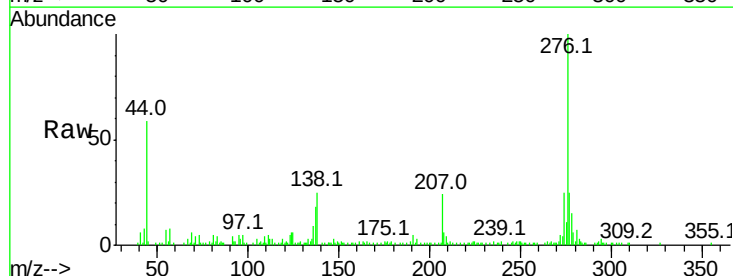
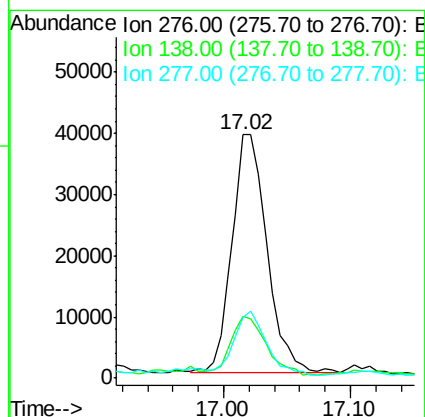
RT: 17.02 min Scan# 2538

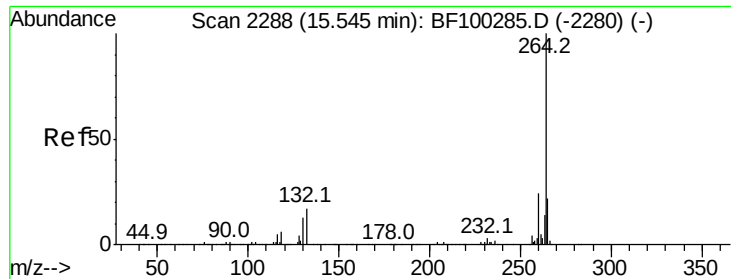
Delta R.T. -0.02 min

Lab File: BF100301.D

Acq: 8 Nov 2017 19:37

Tgt Ion:	276	Resp:	73760
Ion Ratio	Lower	Upper	
276	100		
138	25.7	25.0	37.6
277	25.6	20.1	30.1





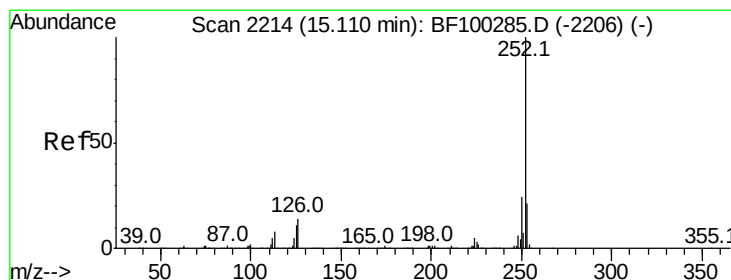
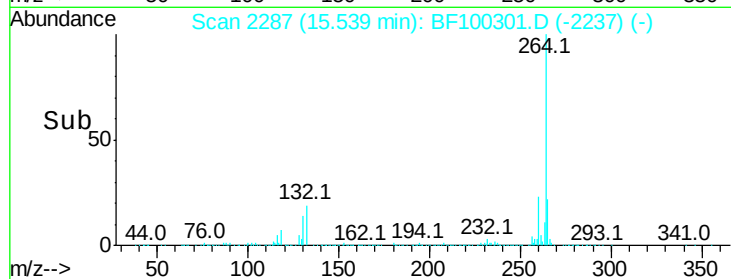
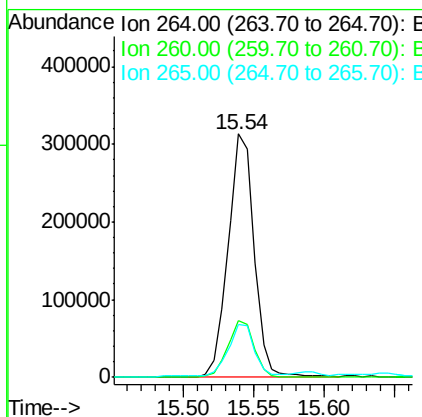
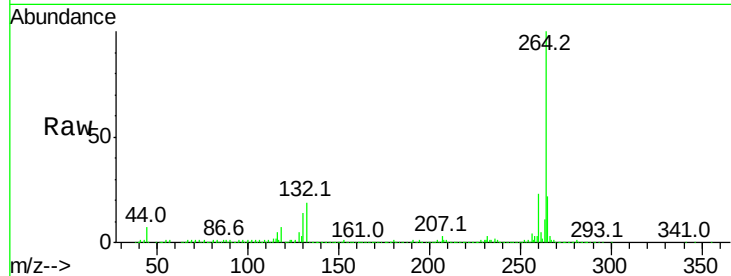
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110617

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3

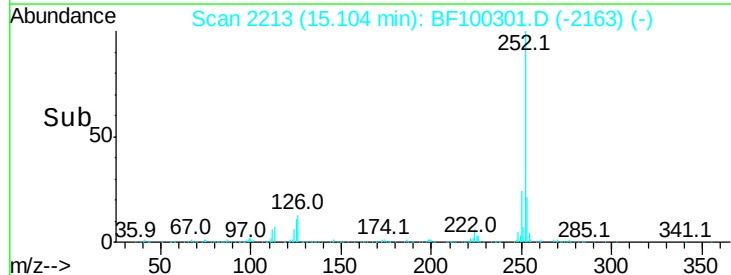
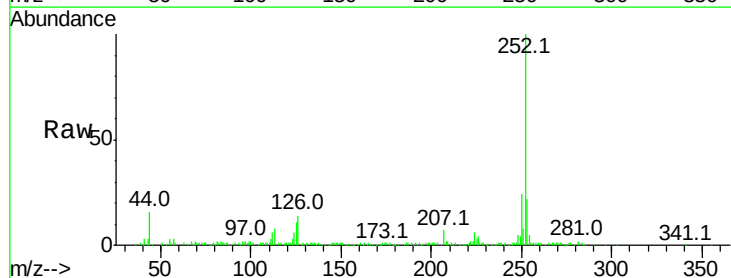
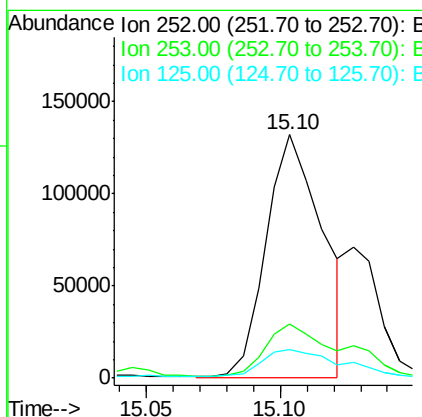
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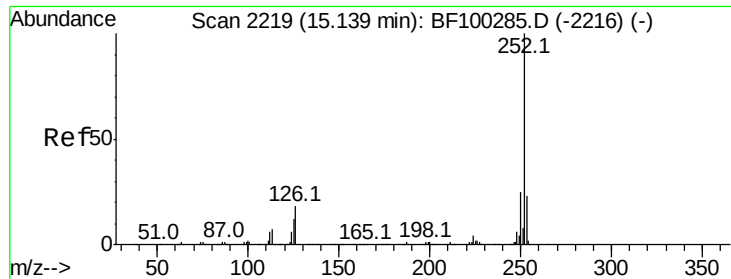
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#87
 Benzo(b)fluoranthene
 Concen: 8.227 ng m
 RT: 15.10 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.5	9.0	13.6





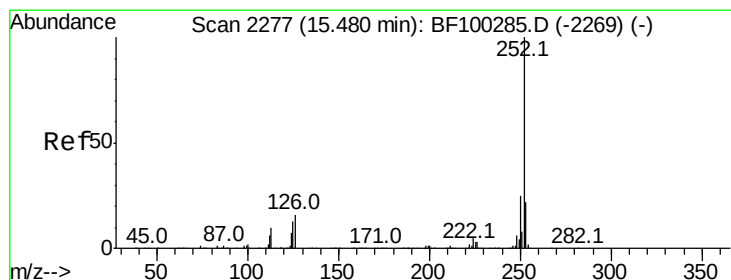
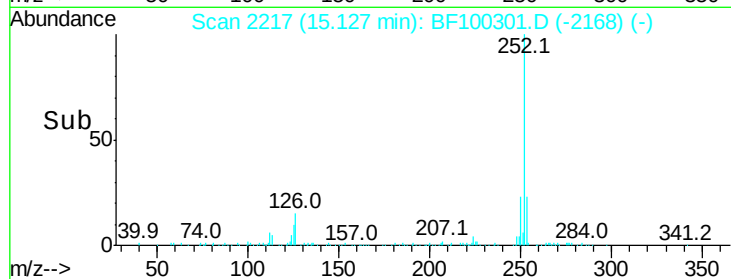
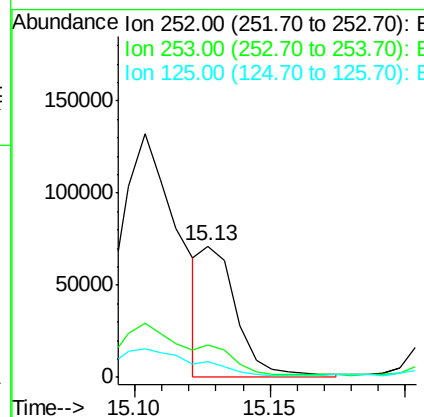
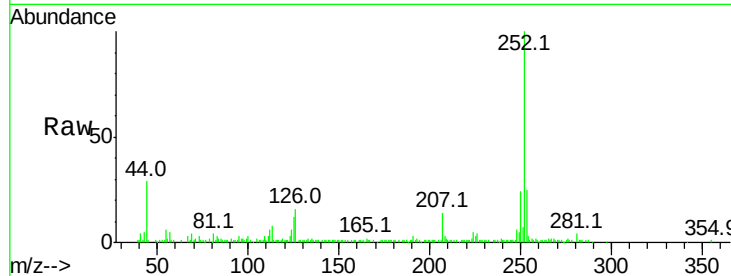
#88
Benzo(k)fluoranthene
Concen: 2.898 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Instrument :
BNA_F
ClientSampleId :
OR-02-110617

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	11.7	10.2	15.2

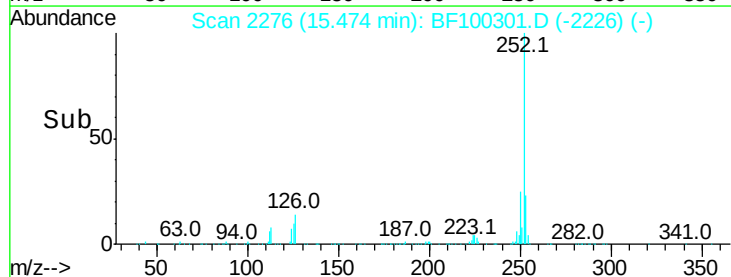
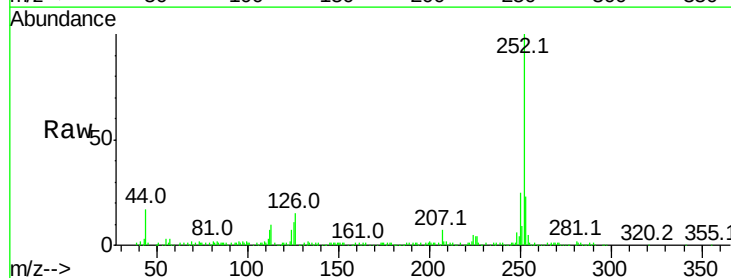
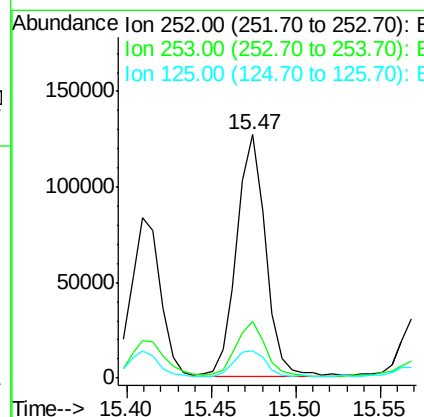
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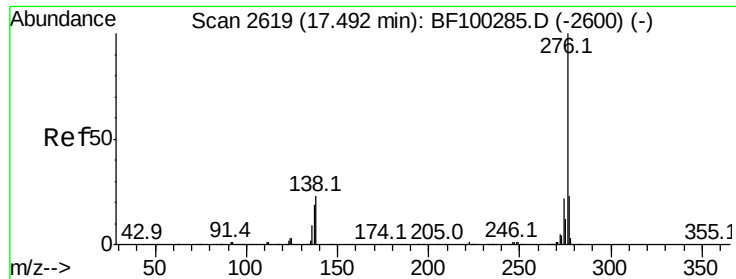
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#89
Benzo(a)pyrene
Concen: 7.213 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF100301.D
Acq: 8 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	11.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.482 ng
 RT: 17.47 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BF100301.D
 Acq: 8 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110617

Tot Ion:	276	Resp:	75346
Ion Ratio	Lower	Upper	
276	100		
277	24.7	17.9	26.9
138	24.9	21.8	32.8

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