

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100841.D
 Acq On : 22 Nov 2017 23:28
 Operator : SJ/JU
 Sample : I6512-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:20:31 PM

Quant Time: Nov 27 03:00:58 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	6.86	152	89950	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	353795	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	165431	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	301011	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	192329	20.00	ng	-0.02
86) Perylene-d12	15.50	264	201254	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	502675	89.58	ng	0.00
7) Phenol-d6	6.49	99	636992	92.06	ng	-0.02
23) Nitrobenzene-d5	7.42	82	396484	74.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	169591	100.60	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	694720	63.95	ng	-0.02
78) Terphenyl-d14	12.97	244	498289	59.53	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	17931	2.468	ng	93
49) Dimethylphthalate	9.60	163	37495	2.969	ng	100
70) Phenanthrene	11.40	178	69504	4.385	ng	99
74) Fluoranthene	12.60	202	233786	13.919	ng	94
77) Pyrene	12.83	202	179422	13.087	ng	97
80) Benzo(a)anthracene	14.01	228	57947	5.003	ng	95
82) Chrysene	14.05	228	76164	6.791	ng	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	23145	3.147	ng	100
85) Indeno(1,2,3-cd)pyrene	16.97	276	28613	3.154	ng	# 87
87) Benzo(b)fluoranthene	15.06	252	90590m	7.598	ng	
88) Benzo(k)fluoranthene	15.09	252	28645m	2.543	ng	
89) Benzo(a)pyrene	15.43	252	41613	3.937	ng	97
91) Benzo(a,h,i)perylene	17.42	276	26333m	3.112	ng	

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

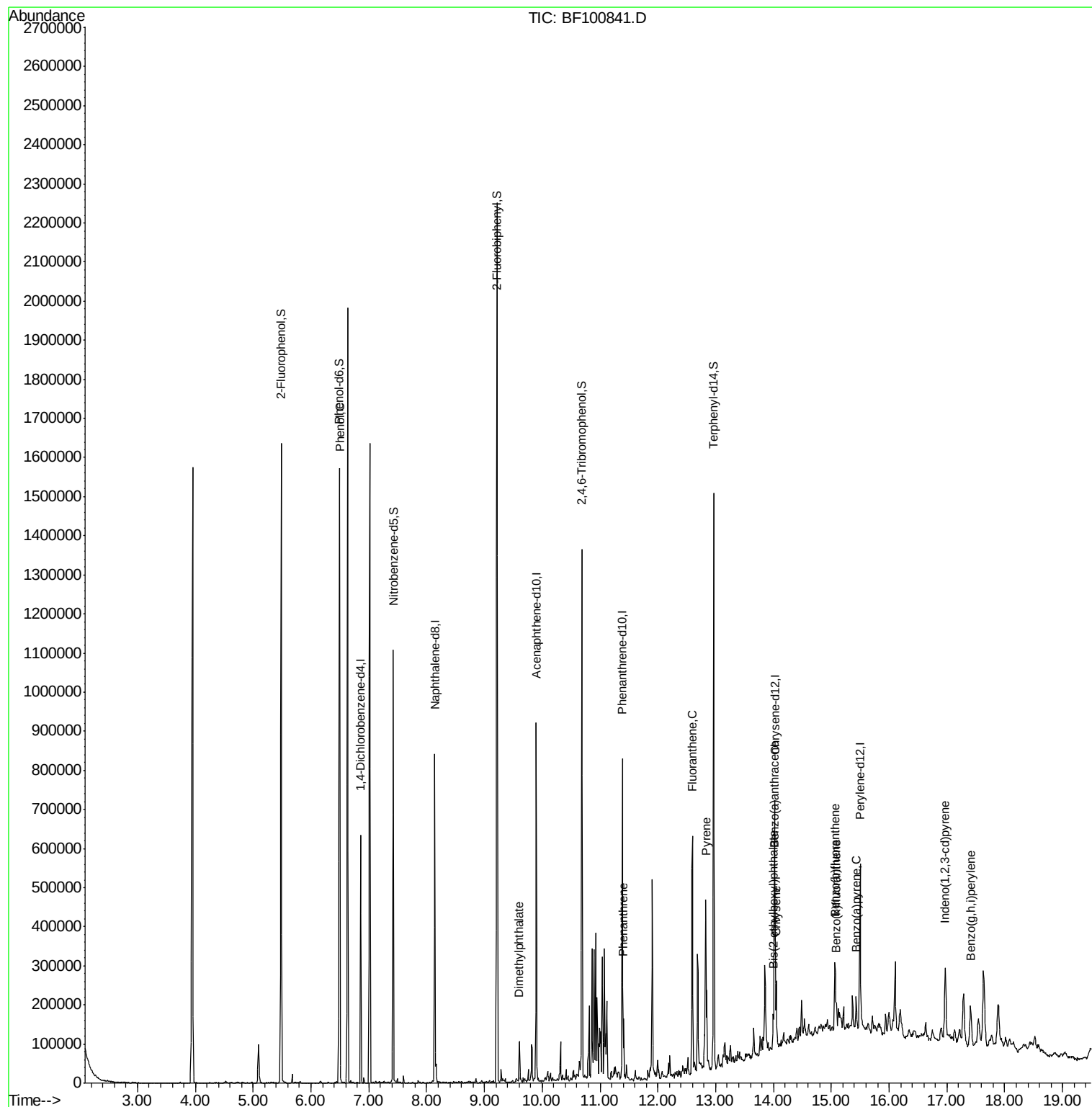
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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ALS Vial : 14 Sample Multiplier: 1

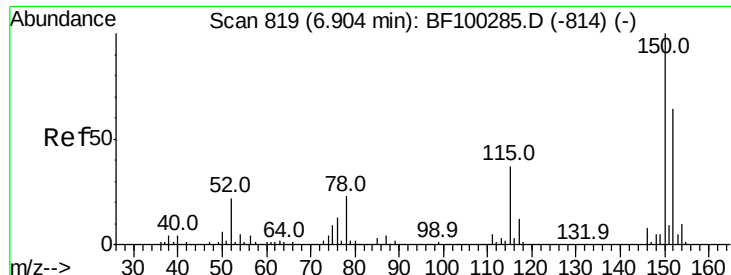
Instrument :
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WC-1

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#1

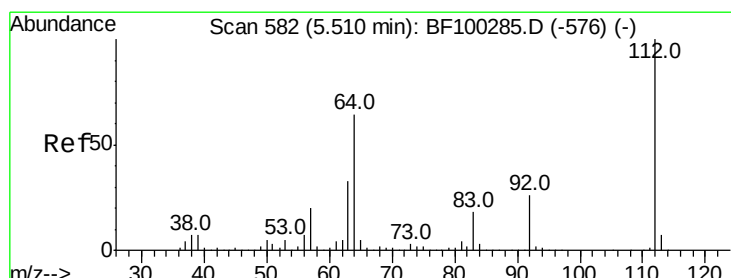
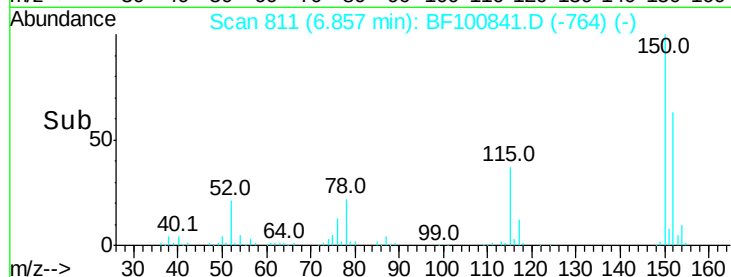
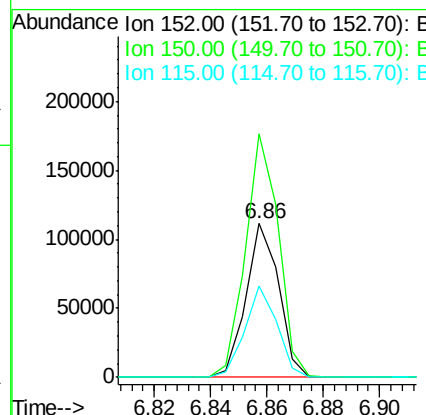
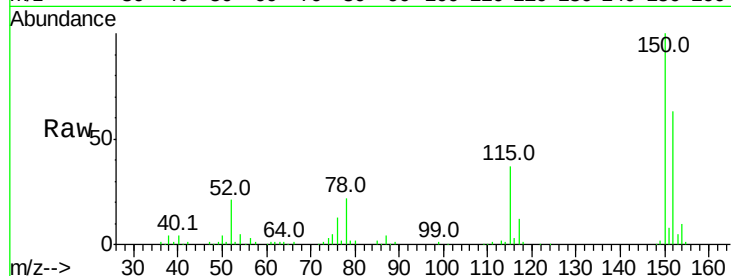
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.2	50.1	75.1

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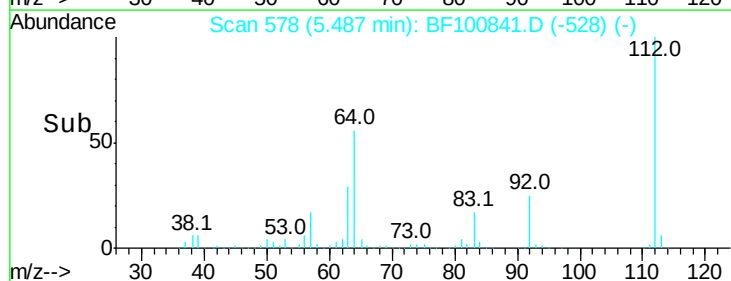
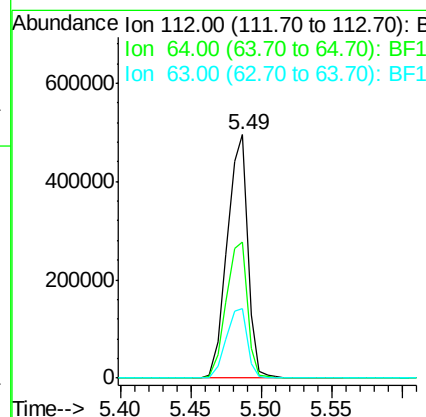
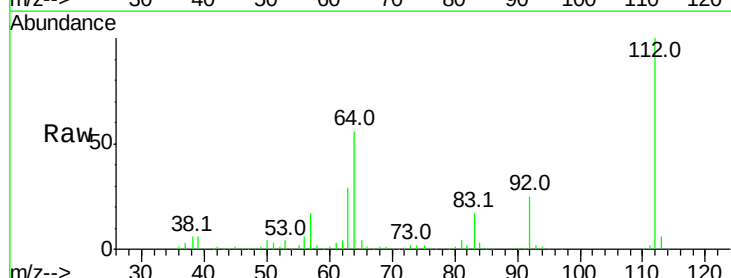
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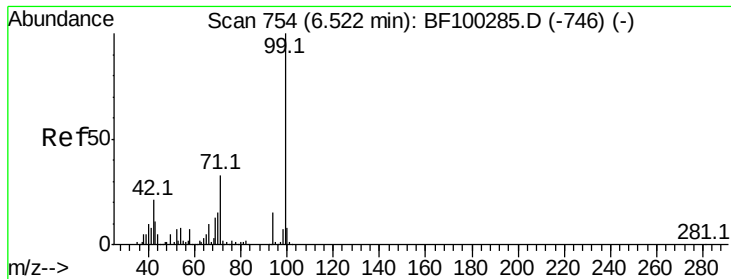


#5

2-Fluorophenol
Concen: 89.581 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 92.056 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

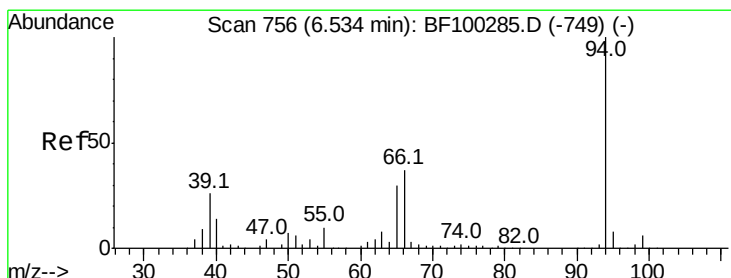
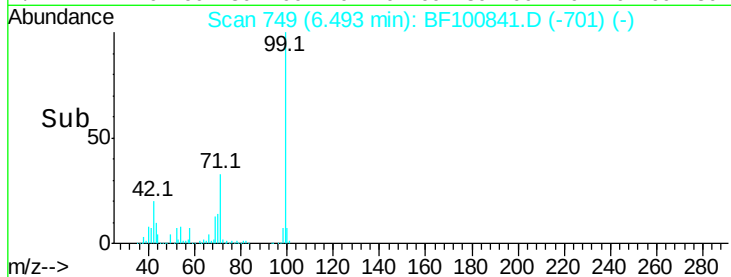
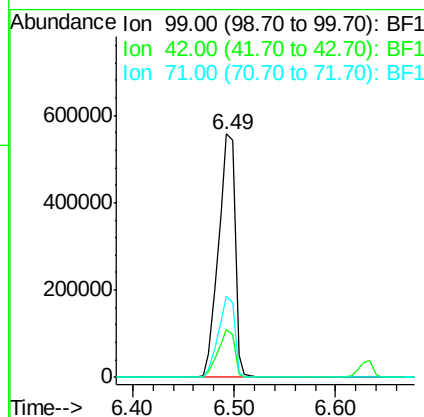
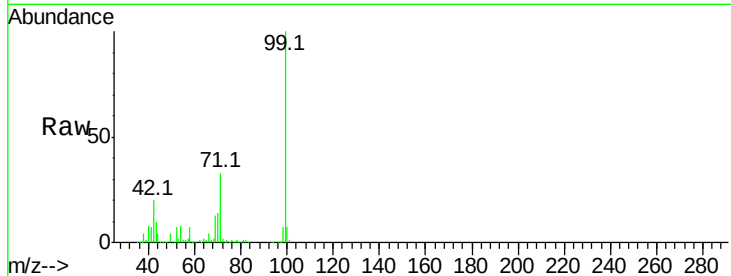
ClientSampled :

WC-1

Tot Ion:	99	Resp:	636992
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	33.2	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 2.468 ng

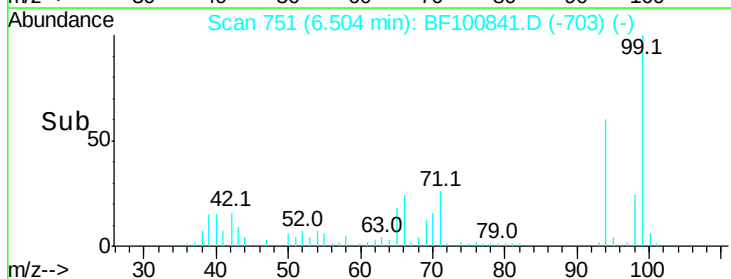
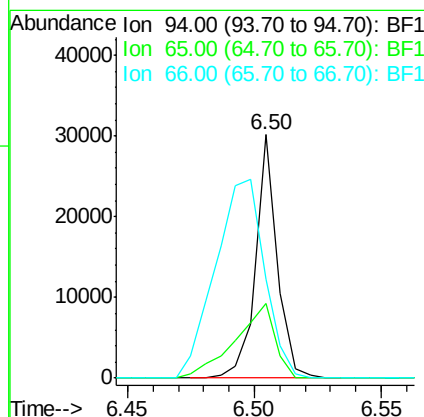
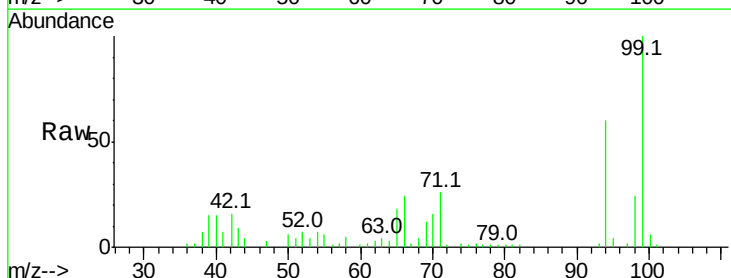
RT: 6.50 min Scan# 751

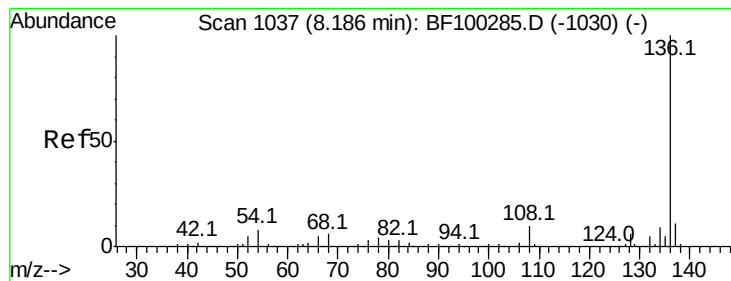
Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Tgt Ion:	94	Resp:	17931
Ion Ratio	Lower	Upper	
94	100		
65	30.8	7.9	47.9
66	40.9	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

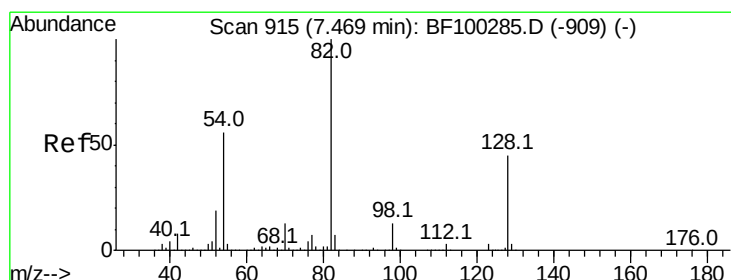
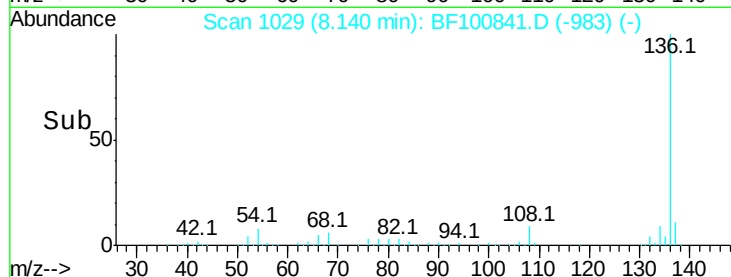
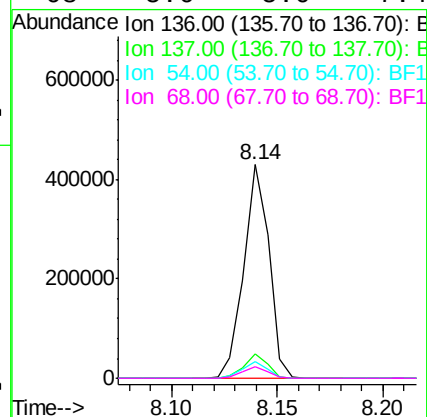
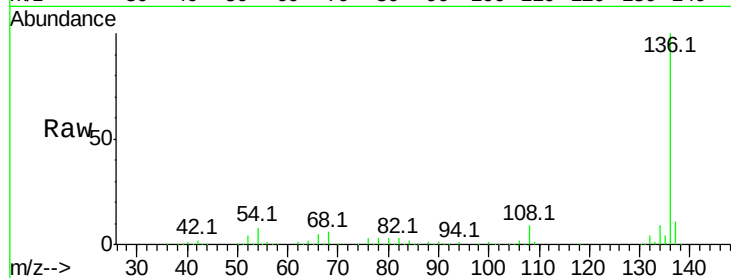
ClientSampleId :

WC-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	353795		
137	11.3		8.9	13.3
54	8.1		6.6	9.8
68	5.6		5.0	7.4

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#23

Nitrobenzene-d5

Concen: 74.091 ng

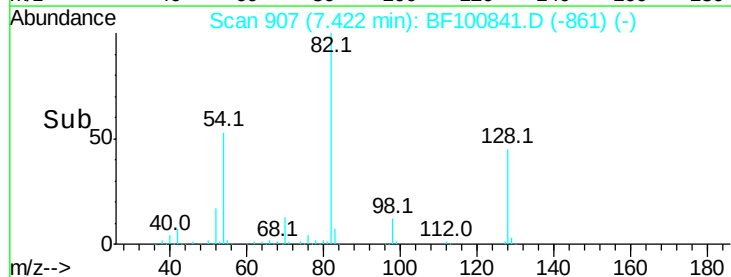
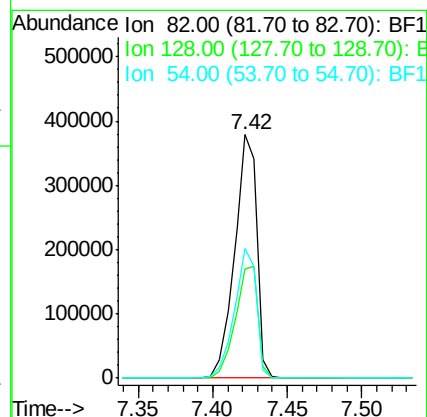
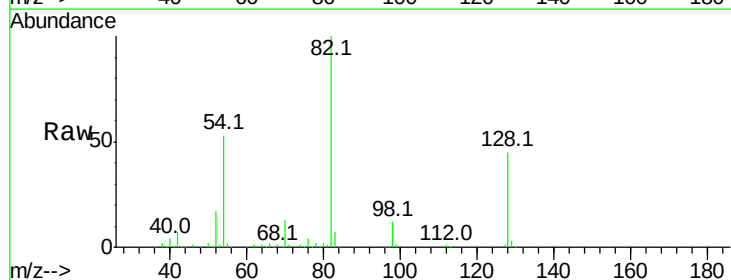
RT: 7.42 min Scan# 907

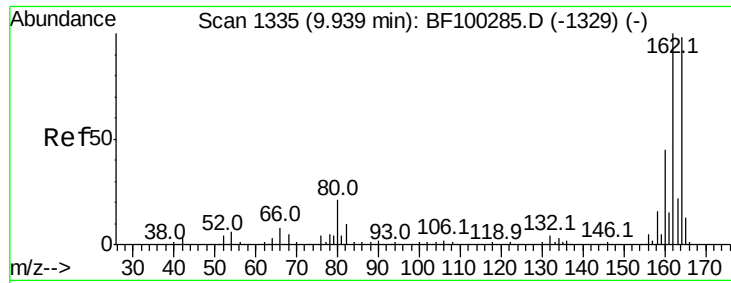
Delta R.T. -0.03 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	396484		
128	45.1		36.1	54.1
54	53.3		41.4	62.2





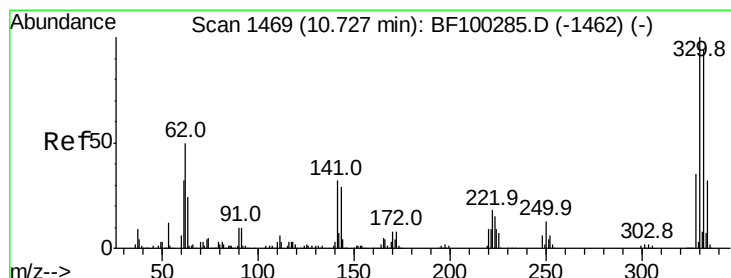
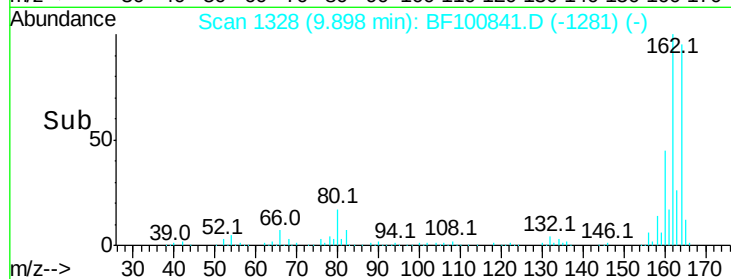
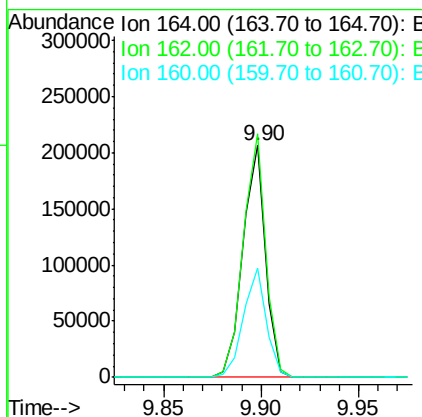
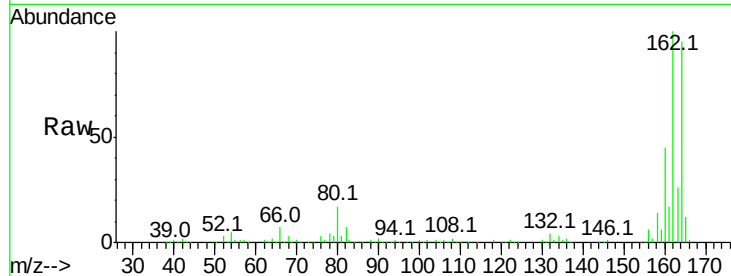
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampled :
 WC-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	165431		
162	105.1	86.1	129.1	
160	47.2	38.3	57.5	

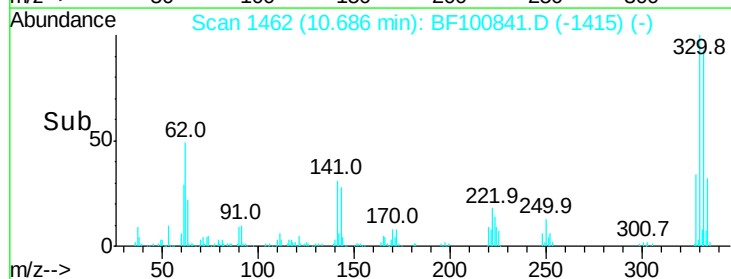
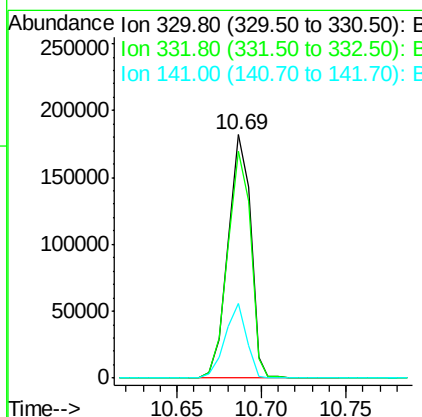
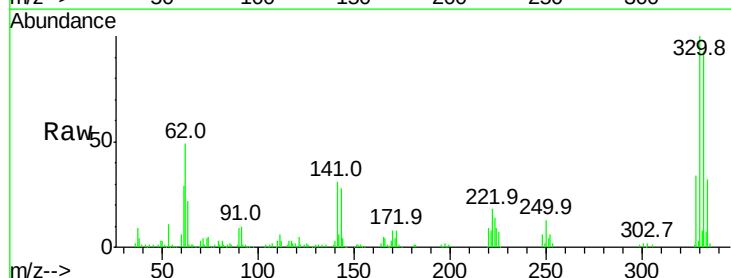
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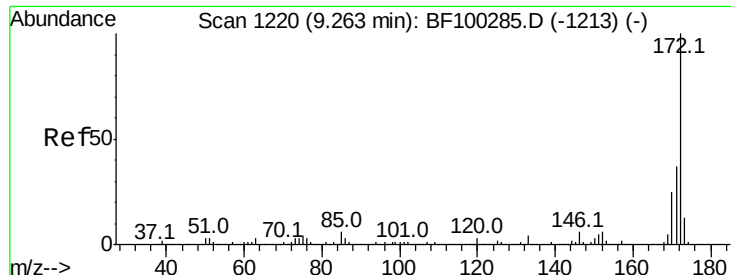
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#41
 2,4,6-Tribromophenol
 Concen: 100.603 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	169591		
332	94.6	77.0	115.6	
141	28.8	29.9	44.9#	





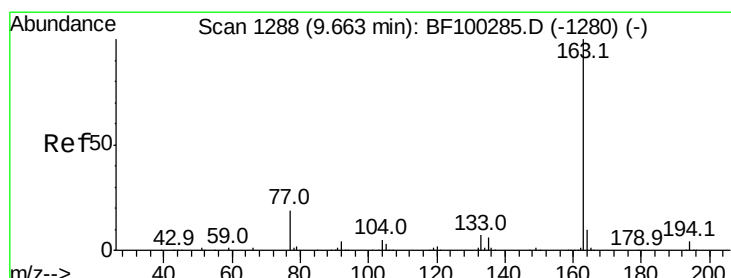
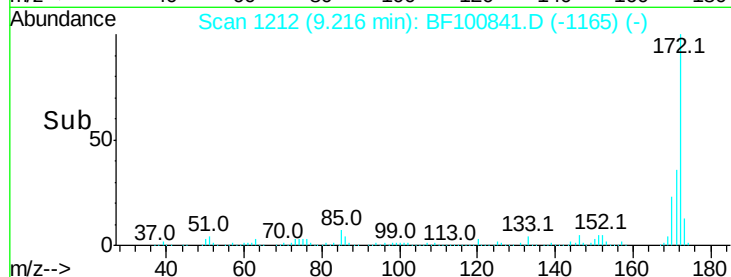
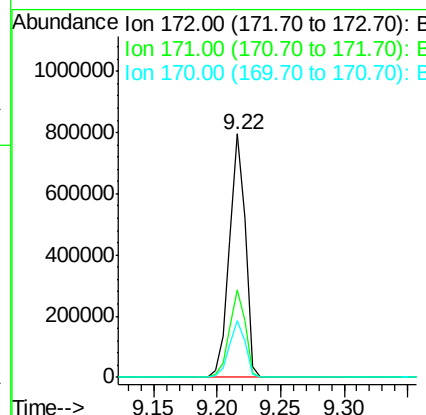
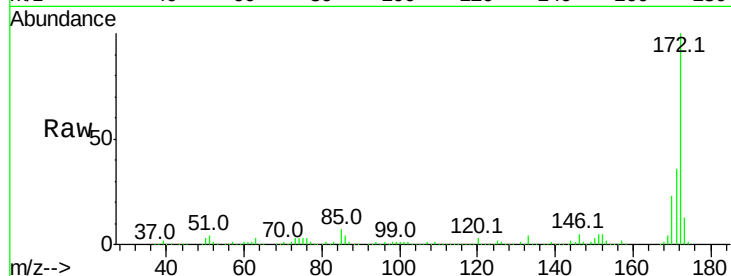
#44
2-Fluorobiphenyl
Concen: 63.946 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	694720		
171	36.1		29.7	44.5
170	23.3		19.6	29.4

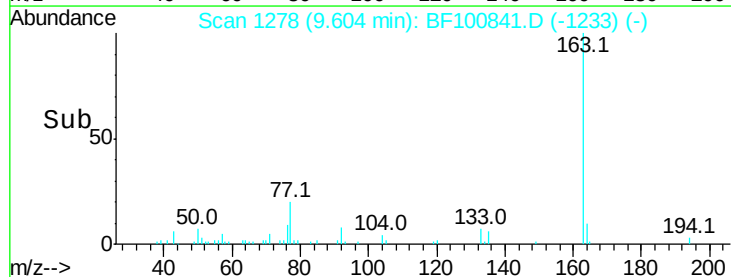
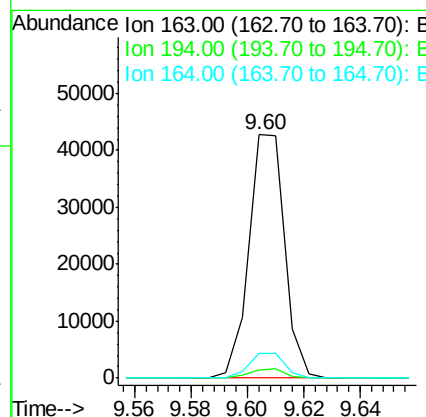
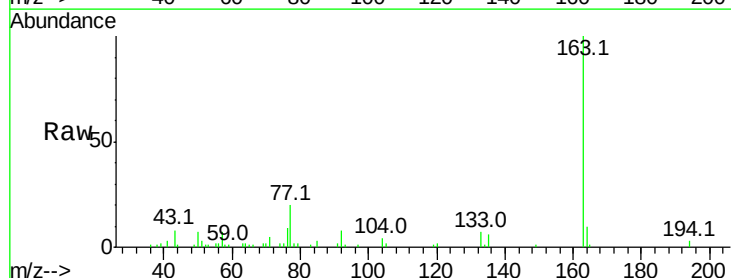
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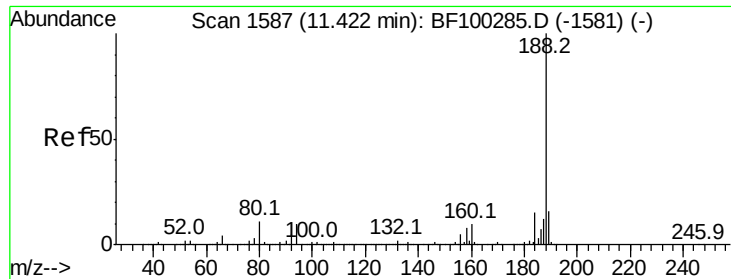
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#49
Dimethylphthalate
Concen: 2.969 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	37495		
194	3.4		2.7	4.1
164	10.2		8.2	12.2





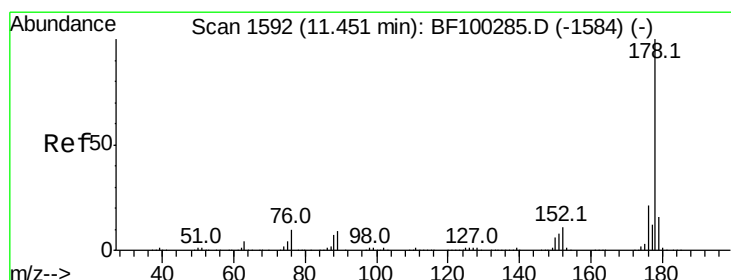
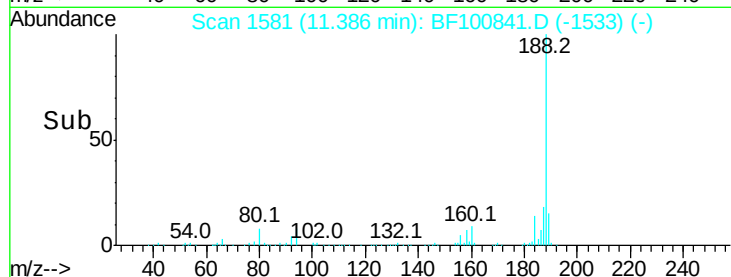
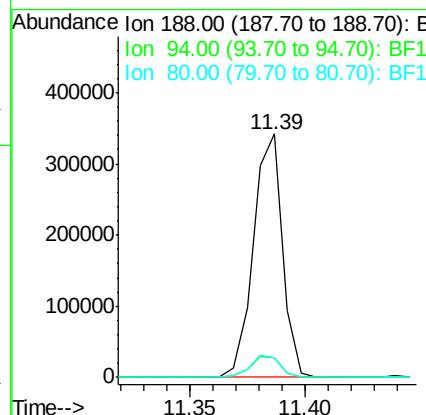
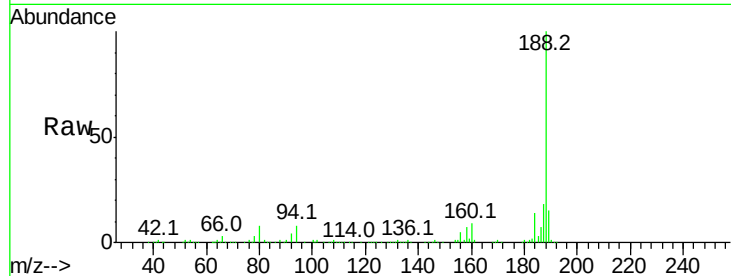
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.2	9.2	13.8#

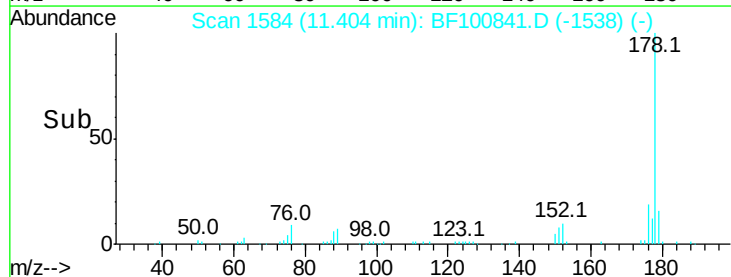
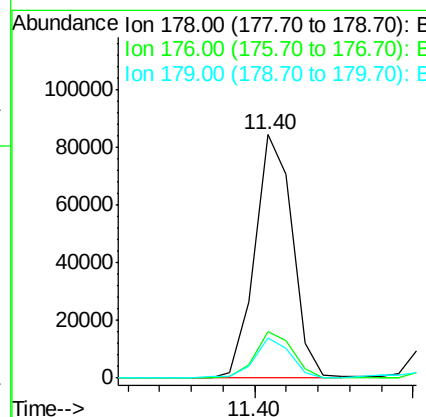
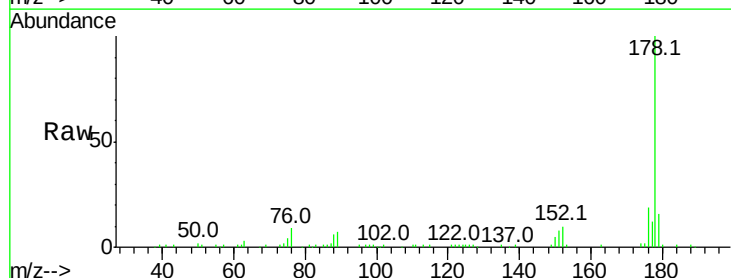
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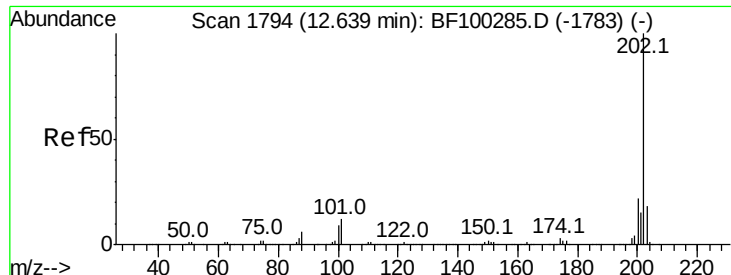
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#70
Phenanthrene
Concen: 4.385 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.3	13.0	19.6





#74

Fluoranthene

Concen: 13.919 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

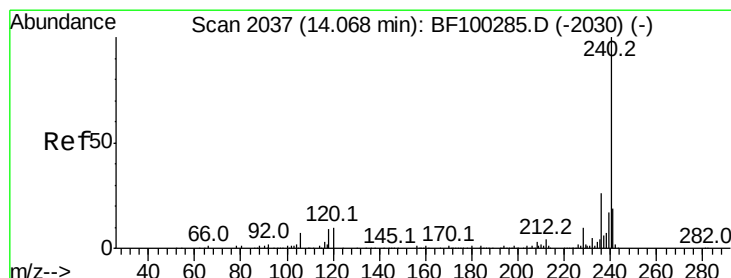
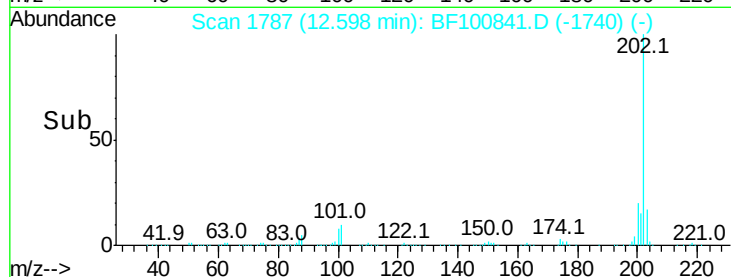
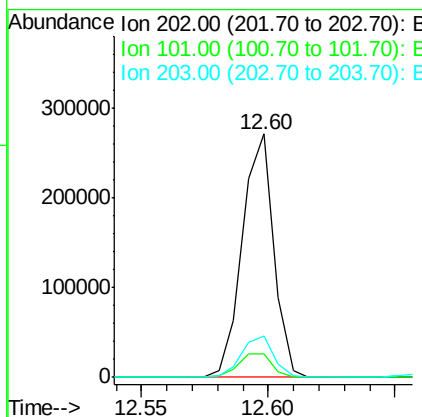
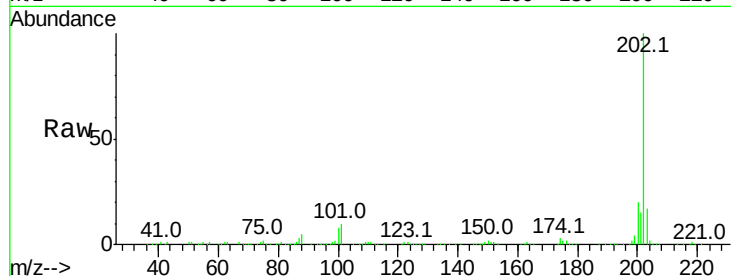
ClientSampleId :

WC-1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	233786		
101	9.7	0.0	34.1	
203	17.2	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

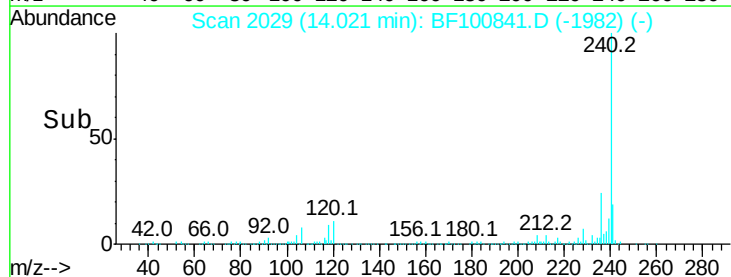
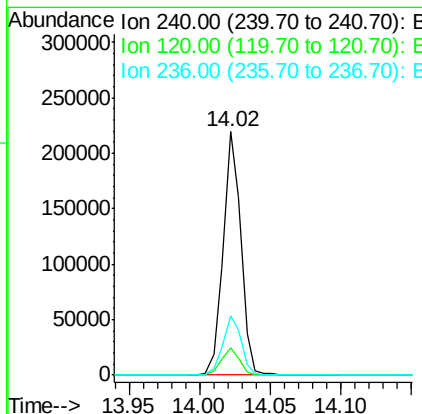
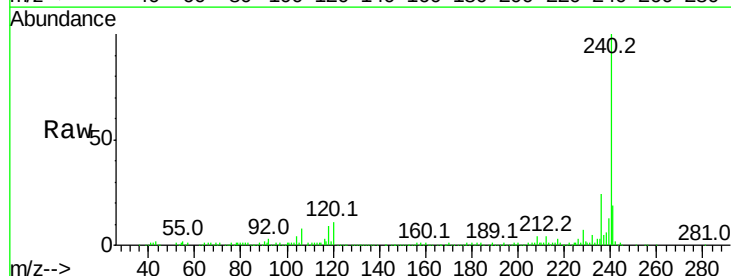
RT: 14.02 min Scan# 2029

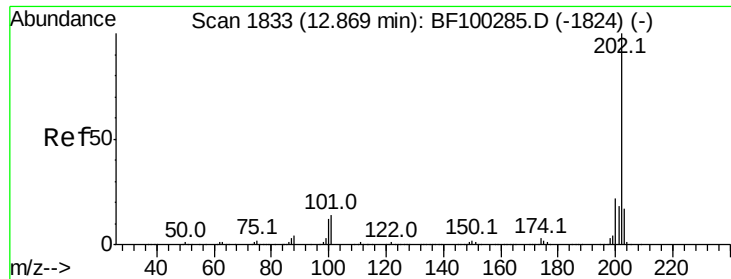
Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	192329		
120	11.0	9.5	14.3	
236	24.4	20.7	31.1	





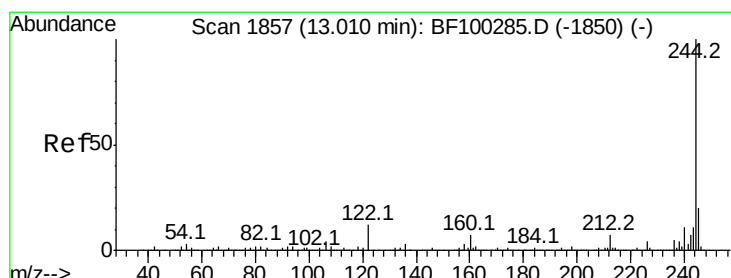
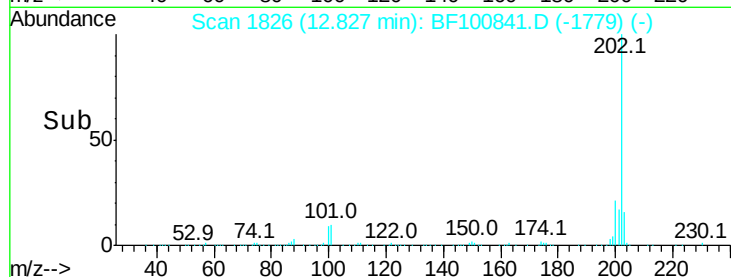
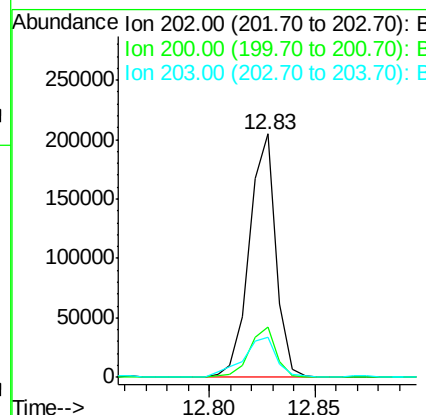
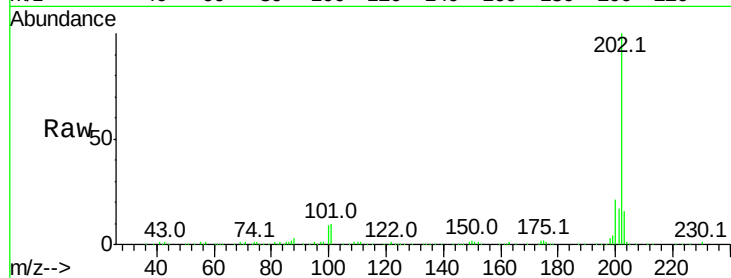
#77
Pvrene
Concen: 13.087 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	16.3	14.3	21.5

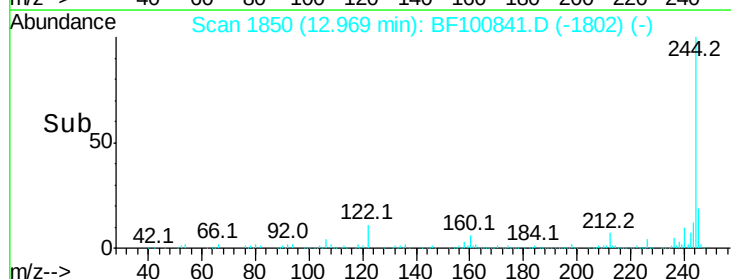
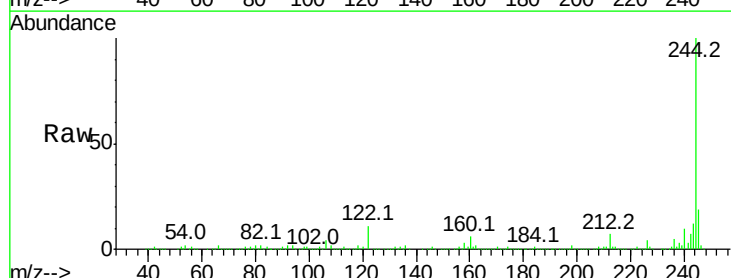
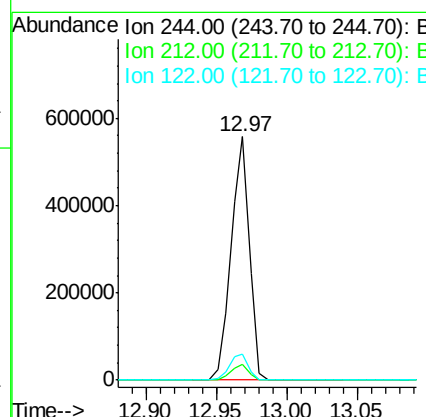
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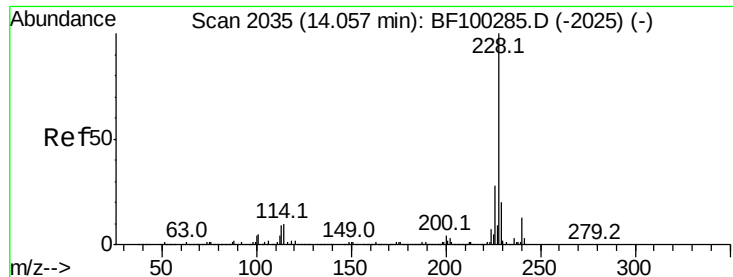
Sohil
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#78
Terphenyl-d14
Concen: 59.529 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.7	11.0	16.4





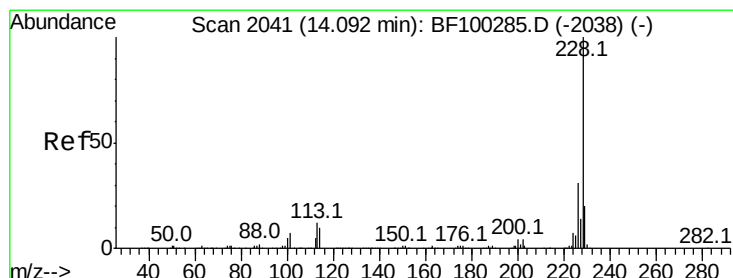
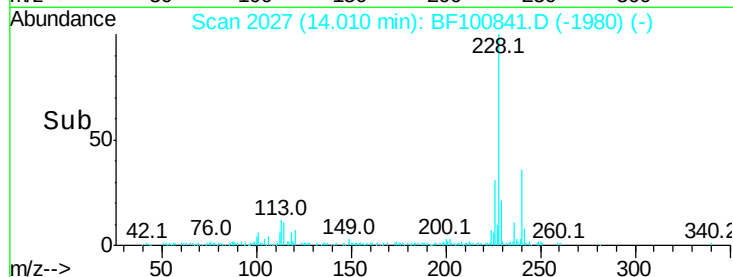
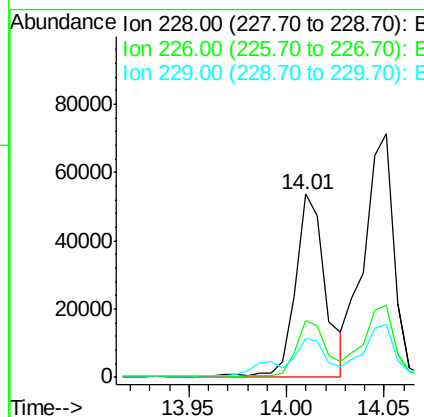
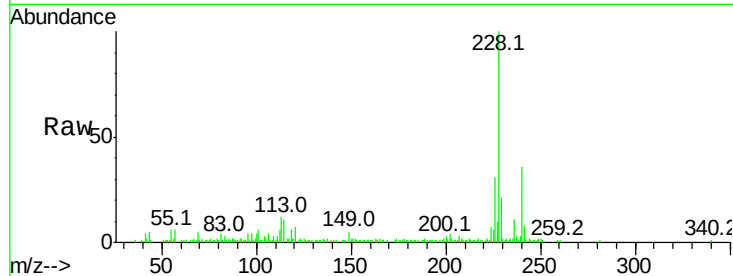
#80
Benzo(a)anthracene
Concen: 5.003 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	21.2	15.8	23.6

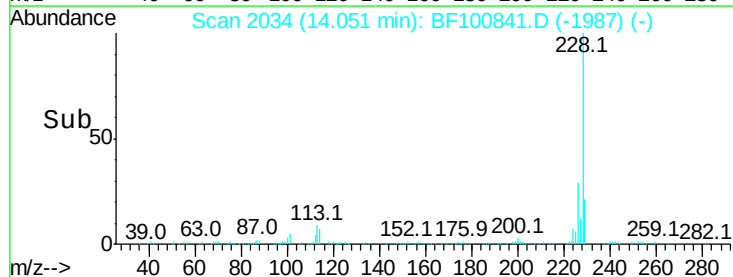
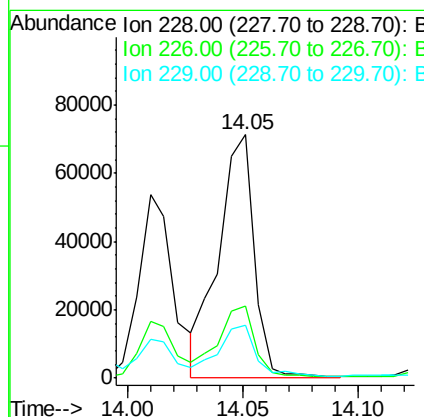
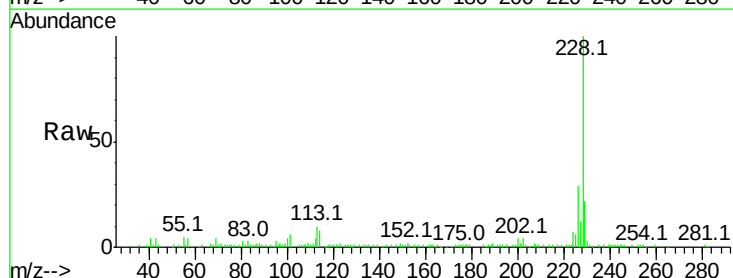
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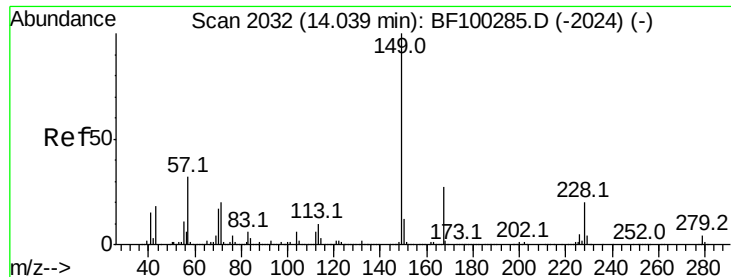
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#82
Chrysene
Concen: 6.791 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	21.6	16.2	24.4





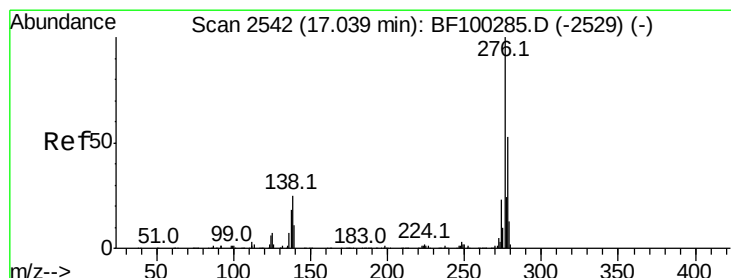
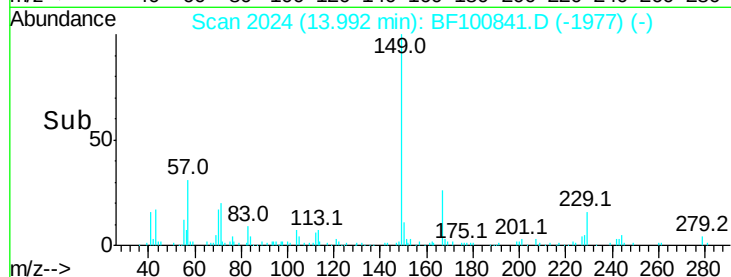
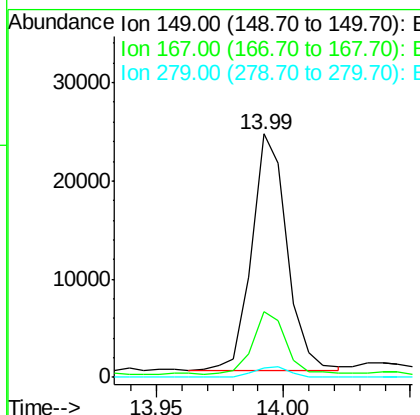
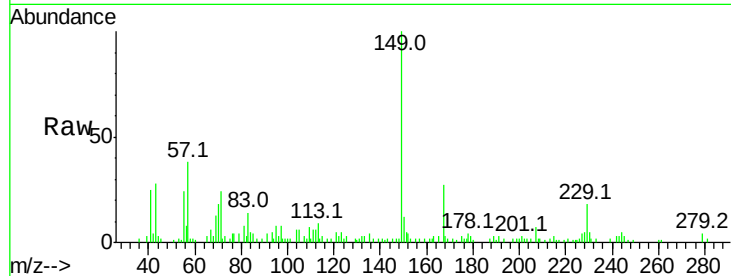
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.147 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.9	3.0	4.4

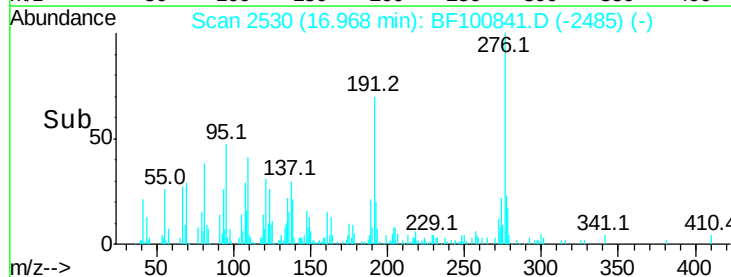
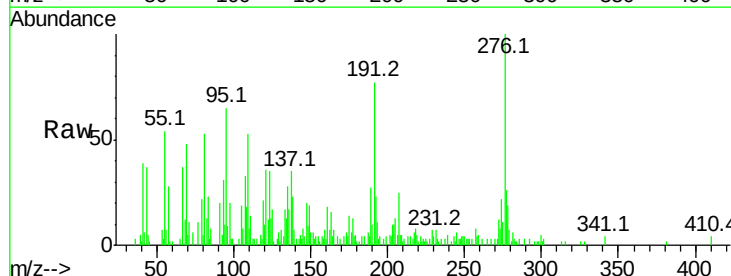
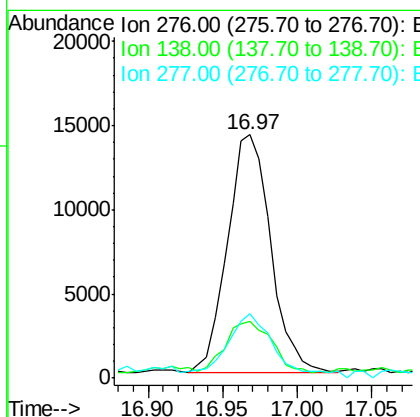
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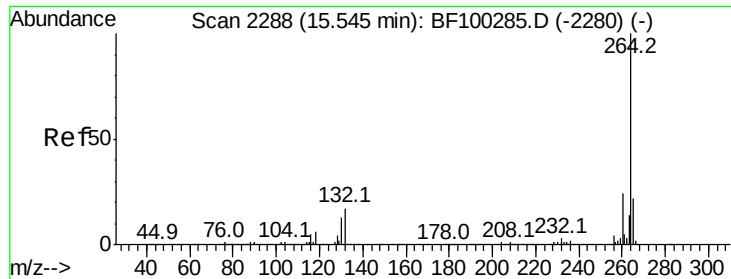
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.154 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.04 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.0	37.6#
277	30.2	20.1	30.1#





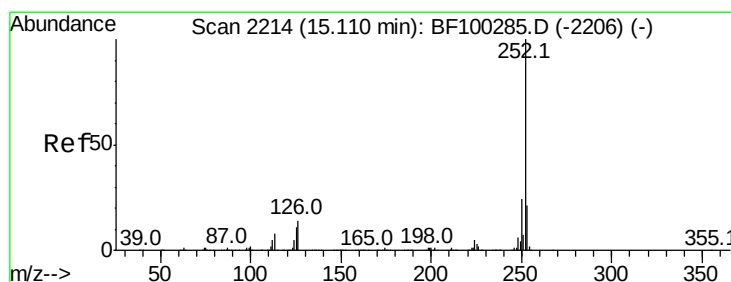
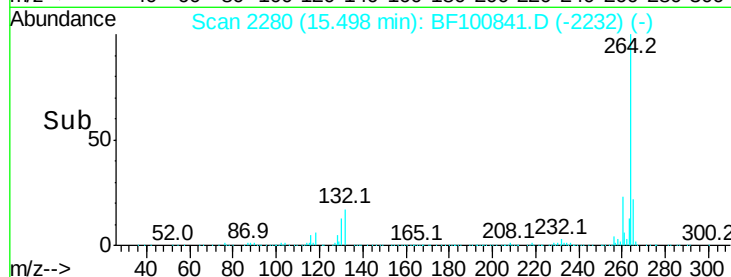
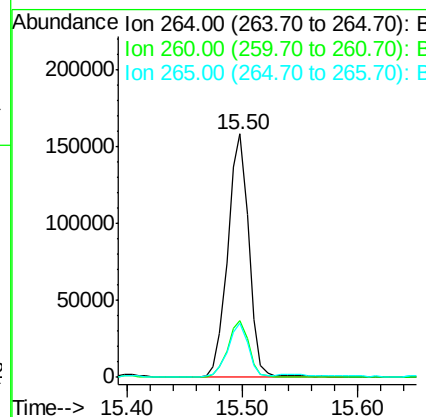
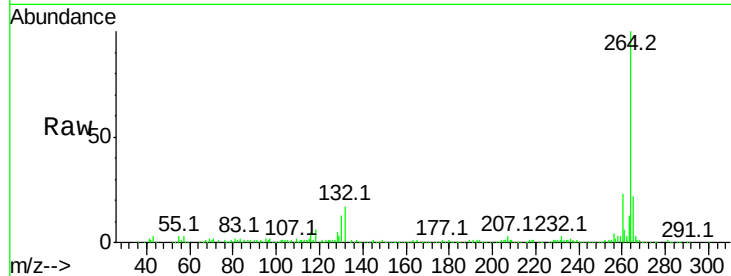
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.5	26.3

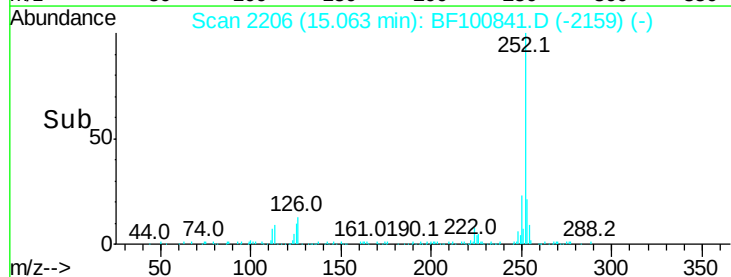
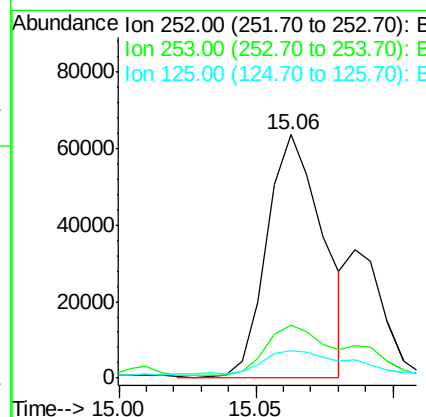
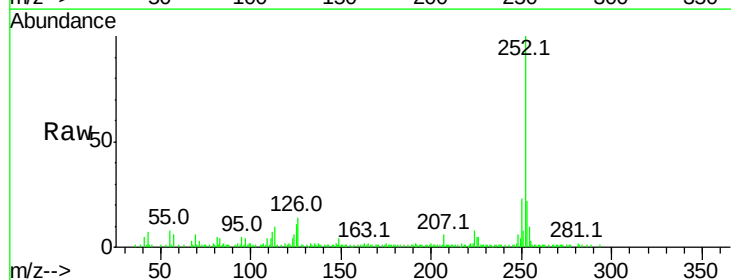
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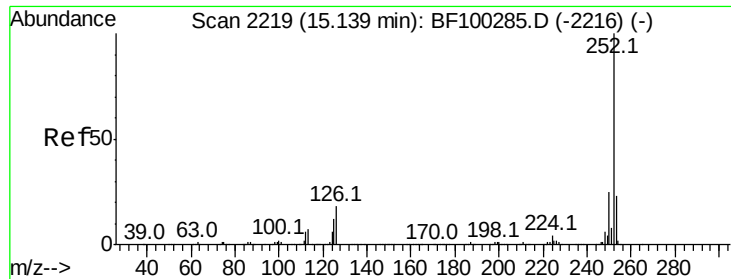
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#87
Benzo(b)fluoranthene
Concen: 7.598 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.2	9.0	13.6





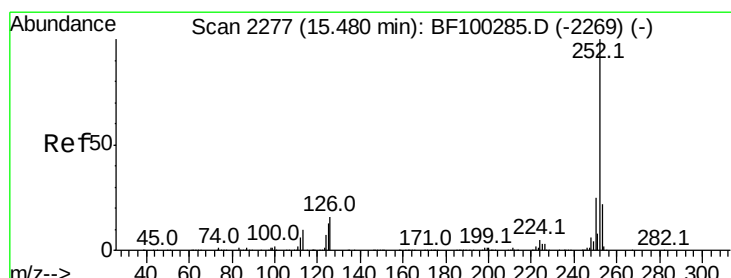
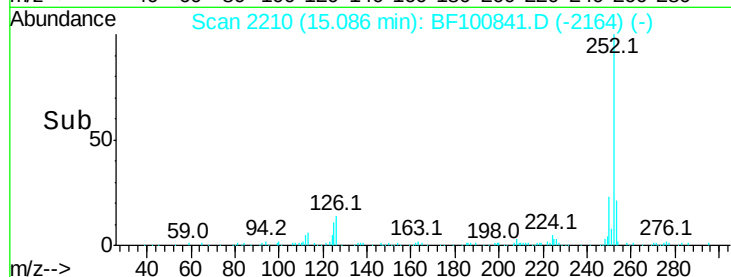
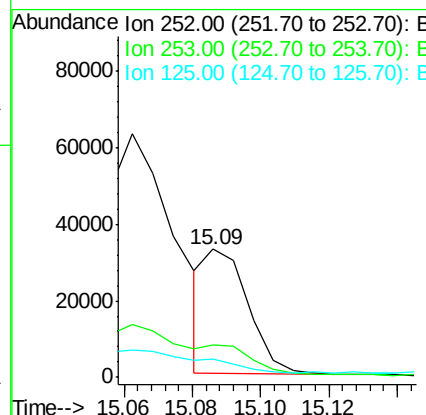
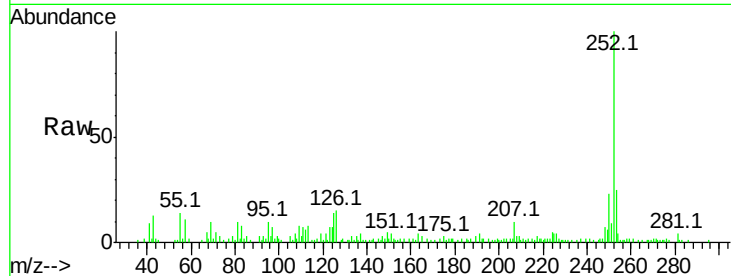
#88
Benzo(k)fluoranthene
Concen: 2.543 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	13.9	10.2	15.2

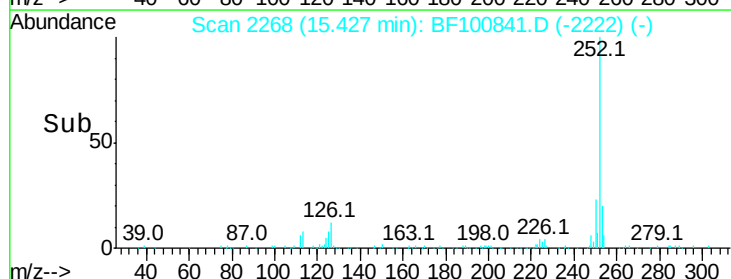
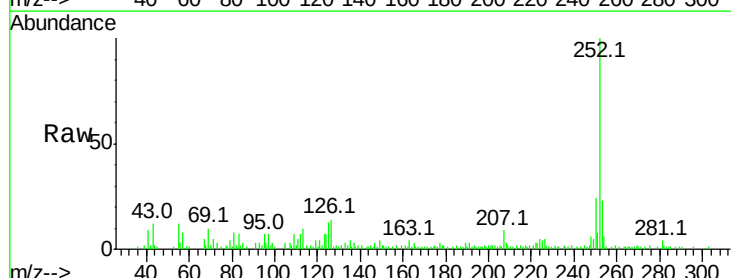
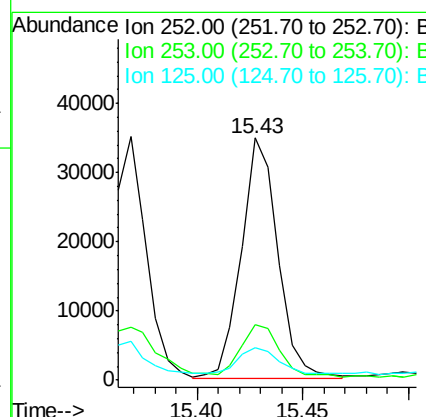
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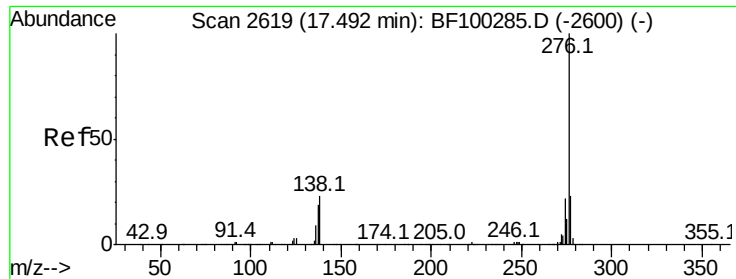
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#89
Benzo(a)pyrene
Concen: 3.937 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.2	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.112 ng m
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.04 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:	276	Resp:	26333
Ion Ratio	Lower	Upper	
276	100		
277	26.3	17.9	26.9
138	25.4	21.8	32.8

Manual Integrations
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