

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101201.D
 Acq On : 7 Dec 2017 13:27
 Operator : SJ/JU
 Sample : I6615-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2-OW(0-10)

Manual Integrations
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Sohil
 12/8/2017 11:12:00 AM

Quant Time: Dec 07 16:49:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	53958	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	210621	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	98007	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	177795	20.00	ng	0.00
75) Chrysene-d12	14.02	240	115267	20.00	ng	0.00
86) Perylene-d12	15.50	264	114516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	183603	56.23	ng	0.00
7) Phenol-d6	6.47	99	223716	56.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	132993	37.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	60707	51.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	292277	40.80	ng	-0.01
78) Terphenyl-d14	12.96	244	235024	44.60	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9030	2.048	ng	Qvalue # 69
70) Phenanthrene	11.39	178	32793	3.349	ng	99
74) Fluoranthene	12.59	202	45985	4.237	ng	94
77) Pyrene	12.82	202	44132	5.549	ng	98
80) Benzo(a)anthracene	14.01	228	18392	2.527	ng	94
82) Chrysene	14.04	228	18411	2.724	ng	98
87) Benzo(b)fluoranthene	15.06	252	21358m	3.114	ng	
89) Benzo(a)pyrene	15.43	252	16626	2.666	ng	96
91) Benzo(g,h,i)perylene	17.43	276	10999	2.123	ng	Qvalue # 90

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

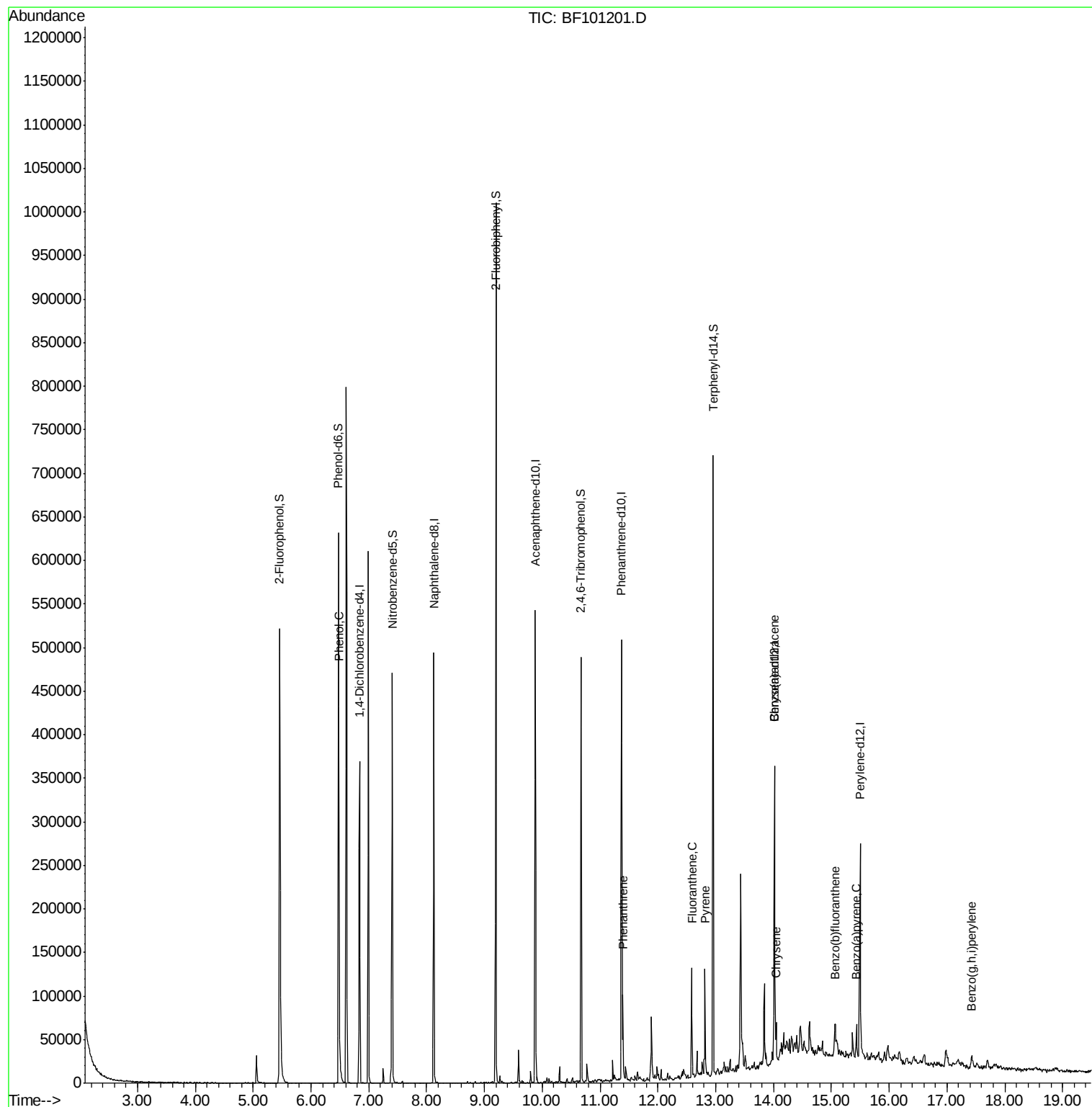
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101201.D
Acq On : 7 Dec 2017 13:27
Operator : SJ/JU
Sample : I6615-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

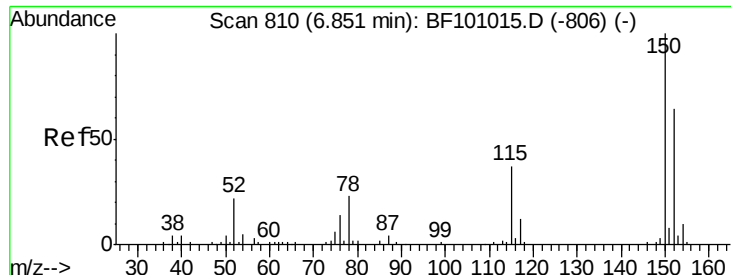
Instrument :
BNA_F
ClientSampleId :
PB-2-OW(0-10)

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Quant Time: Dec 07 16:49:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration





#1

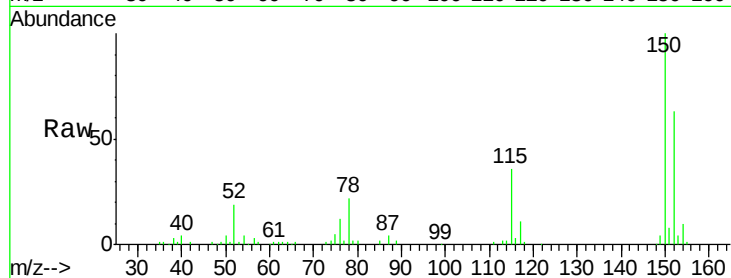
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :
PB-2-OW(0-10)

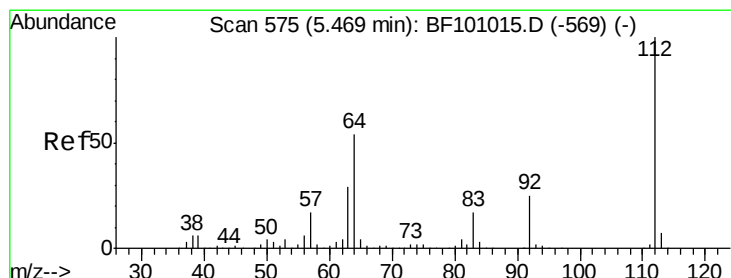
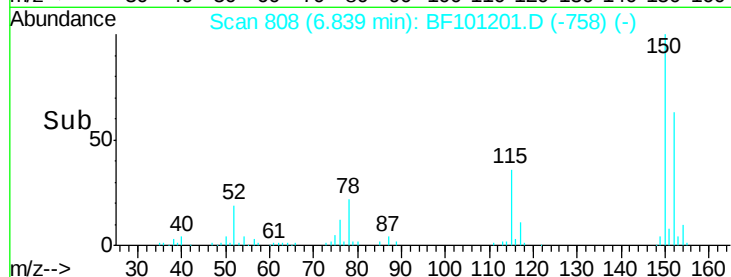
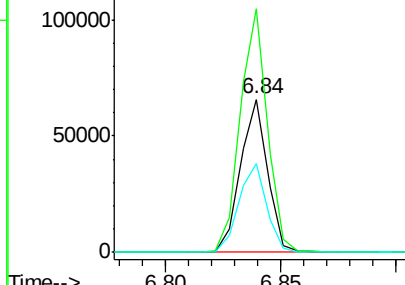
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	57.9	50.1	75.1

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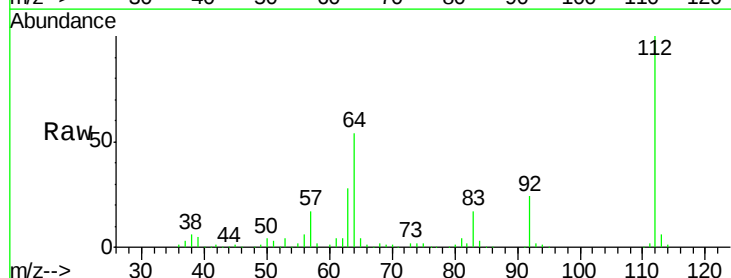
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



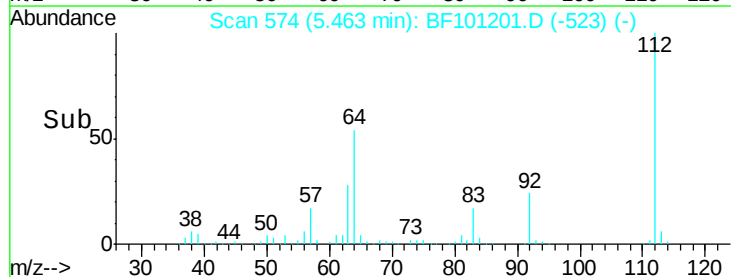
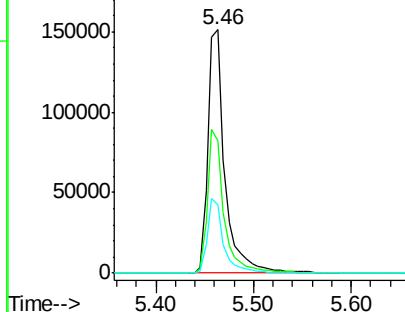
#5

2-Fluorophenol
Concen: 56.228 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	28.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 56.431 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101201.D

Acq: 7 Dec 2017 13:27

Instrument :

BNA_F

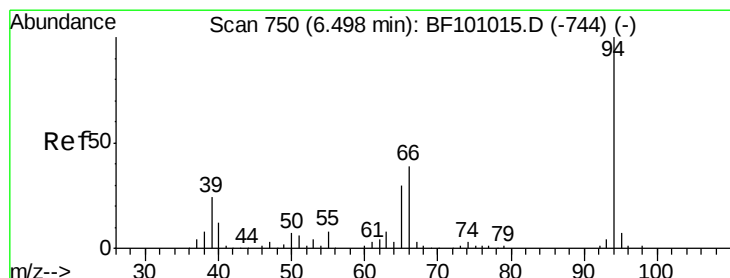
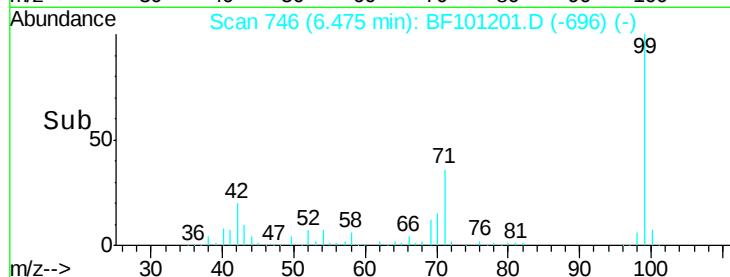
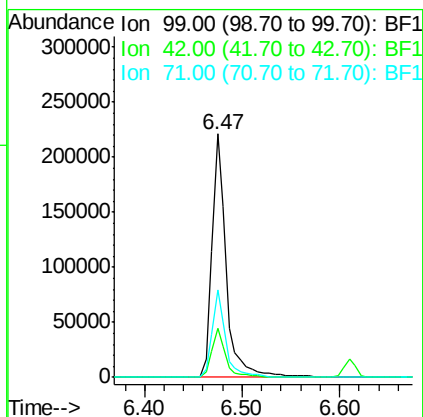
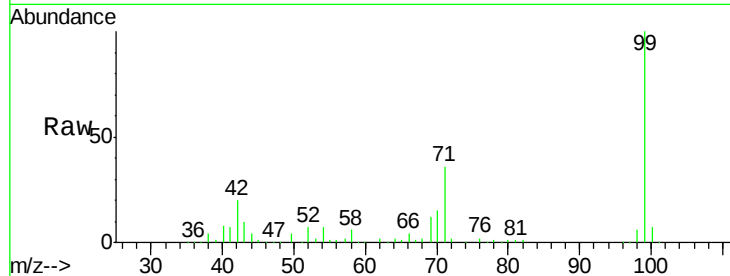
ClientSampleId :

PB-2-OW(0-10)

Tot Ion:	99	Resp:	223716
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	35.8	25.4	38.0

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#10

Phenol

Concen: 2.048 ng

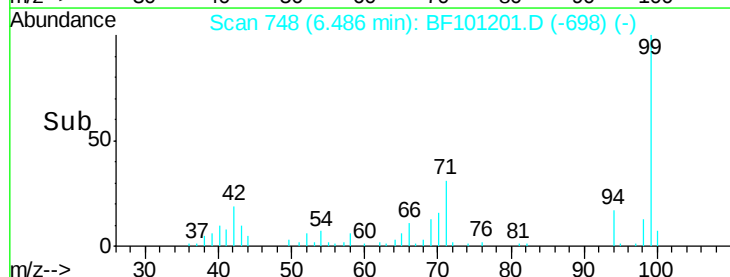
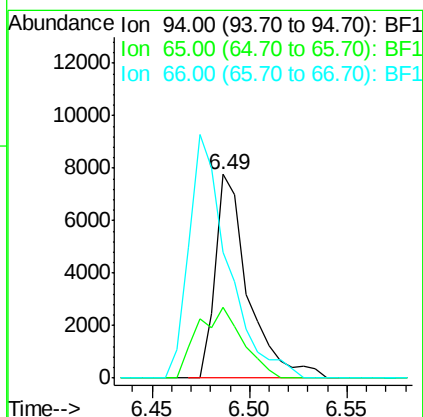
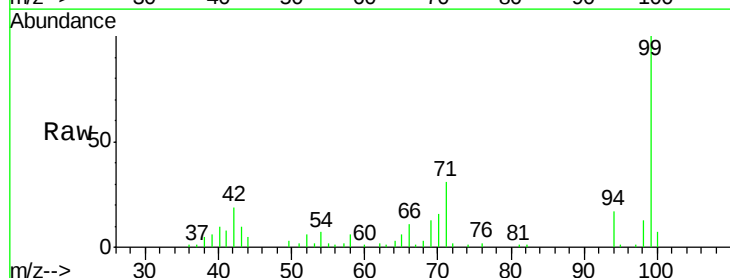
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF101201.D

Acq: 7 Dec 2017 13:27

Tgt Ion:	94	Resp:	9030
Ion Ratio	Lower	Upper	
94	100		
65	34.9	7.9	47.9
66	62.1	16.2	56.2#





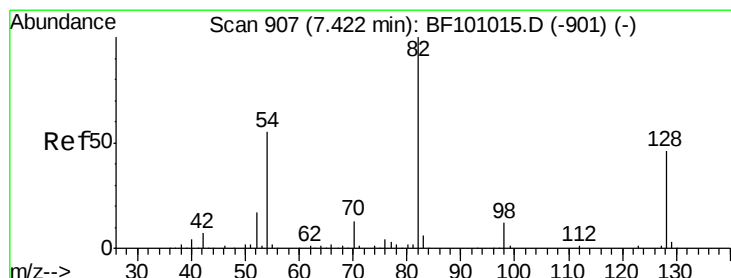
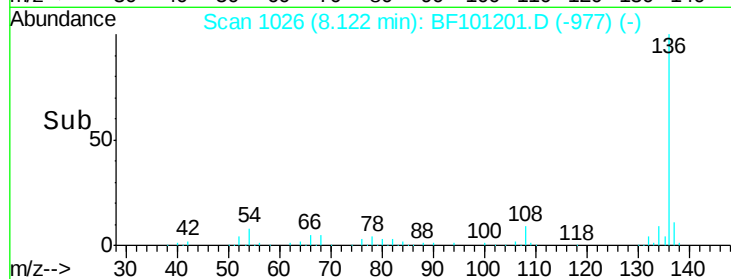
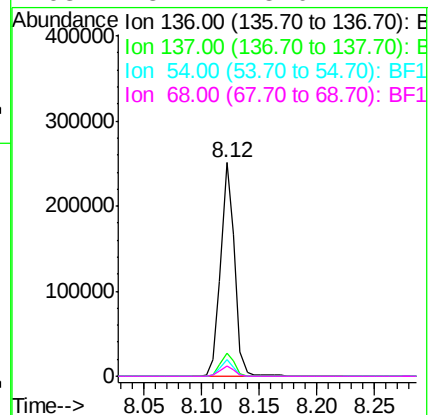
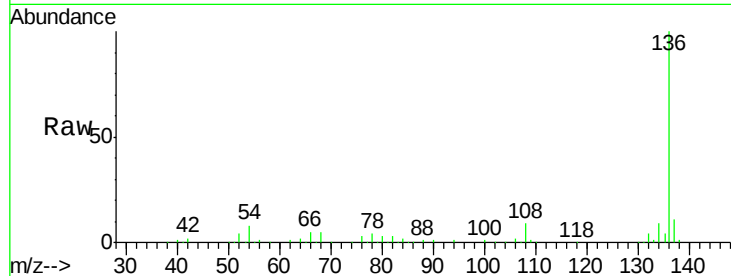
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :
PB-2-OW(0-10)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	210621		
137	11.0	8.9	13.3	
54	7.7	6.6	9.8	
68	5.1	5.0	7.4	

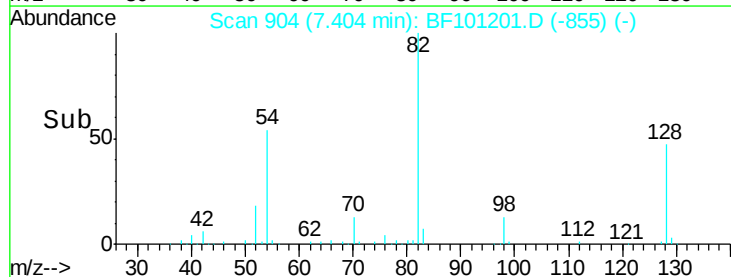
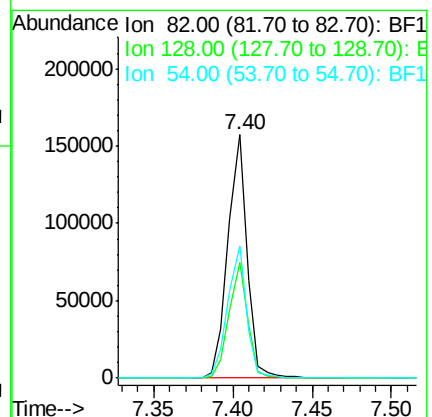
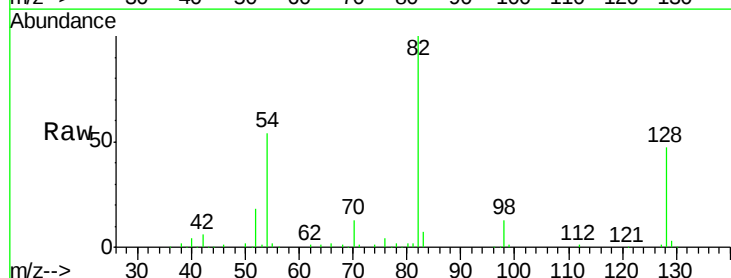
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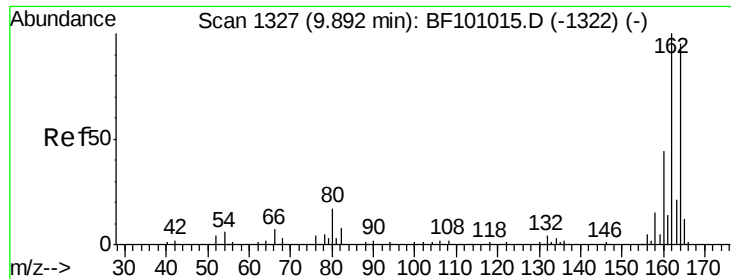
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#23
Nitrobenzene-d5
Concen: 37.667 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	132993		
128	47.5	36.1	54.1	
54	54.5	41.4	62.2	





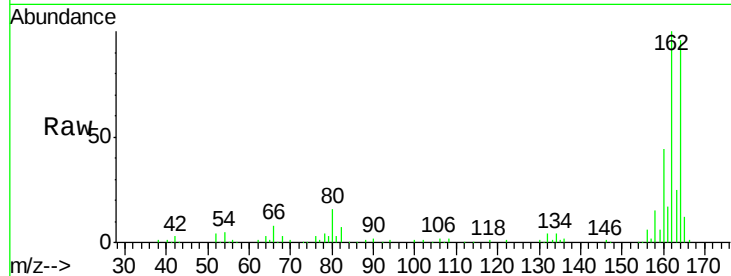
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :
PB-2-OW(0-10)

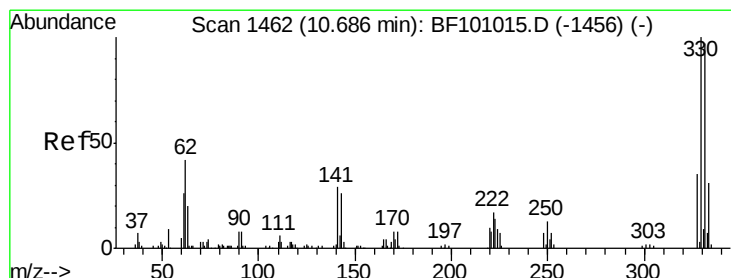
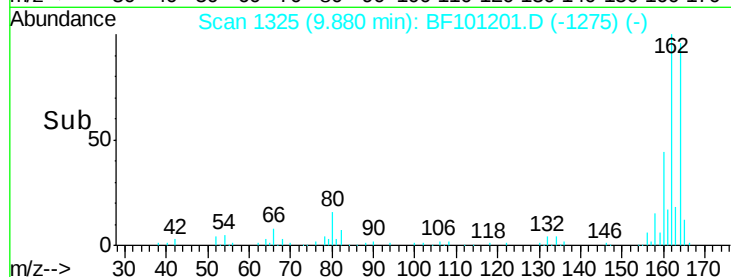
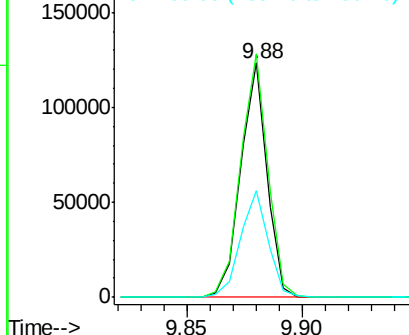
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.7	38.3	57.5

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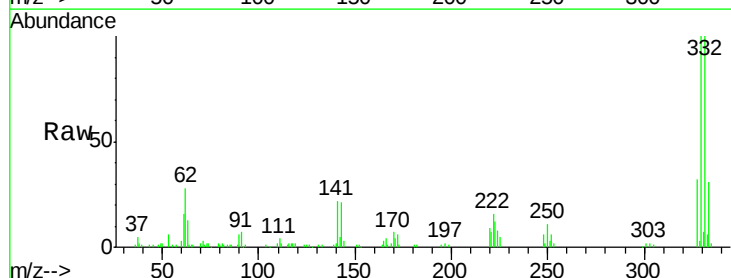


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

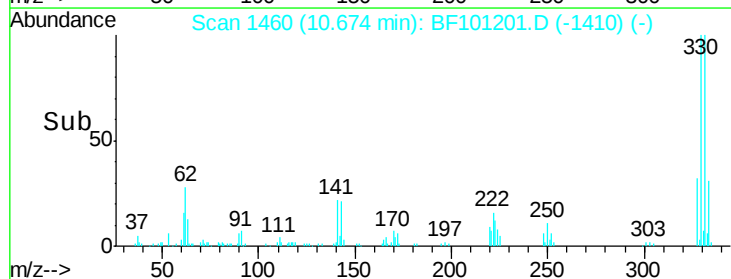
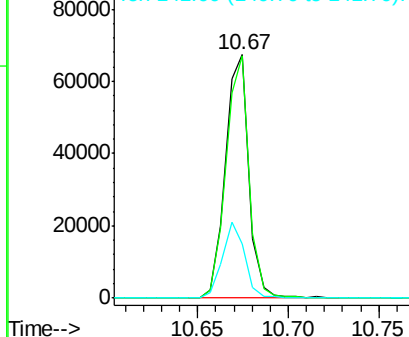


#41
2,4,6-Tribromophenol
Concen: 51.563 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	29.5	29.9	44.9#



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





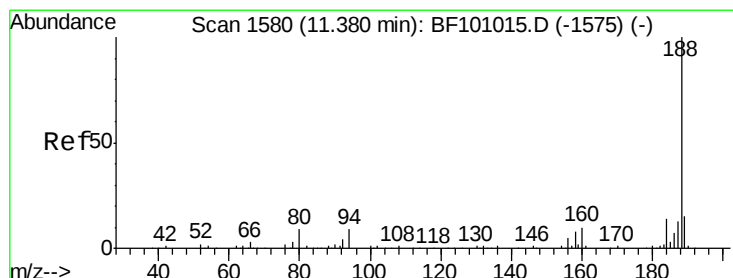
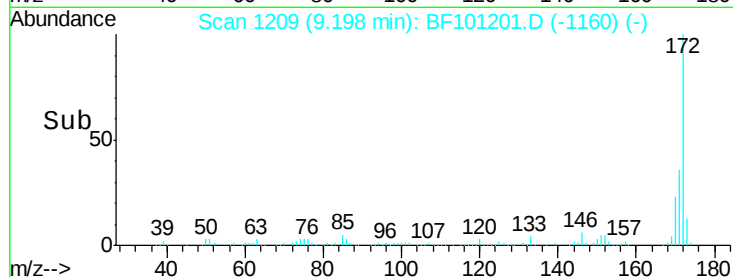
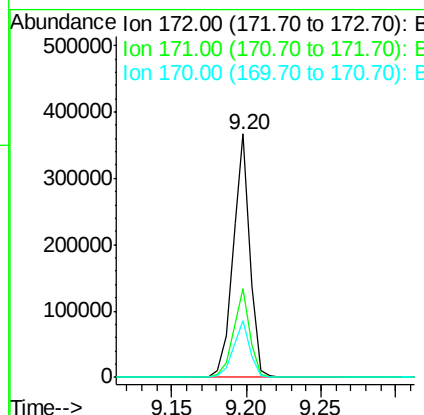
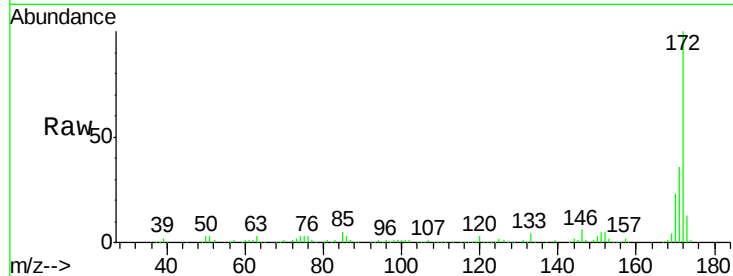
#44
 2-Fluorobiphenyl
 Concen: 40.803 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101201.D
 Acq: 7 Dec 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB-2-OW(0-10)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.3	19.6	29.4

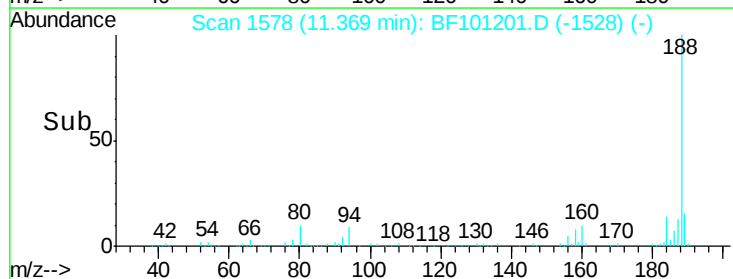
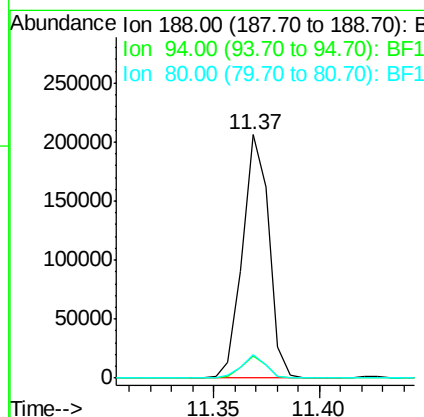
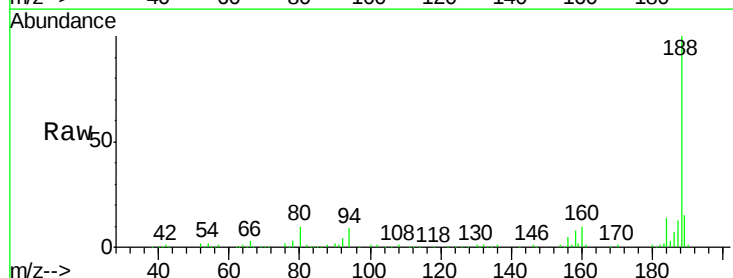
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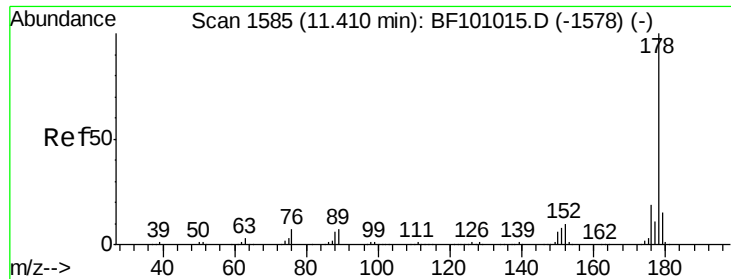
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF101201.D
 Acq: 7 Dec 2017 13:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.6	9.2	13.8





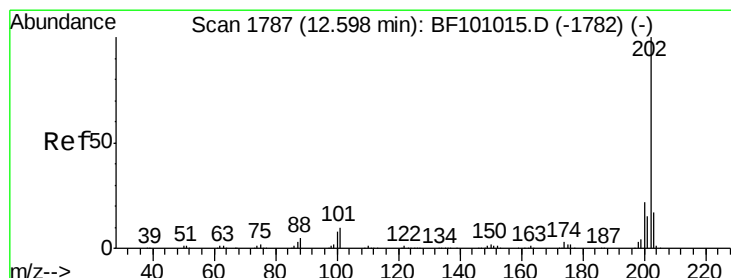
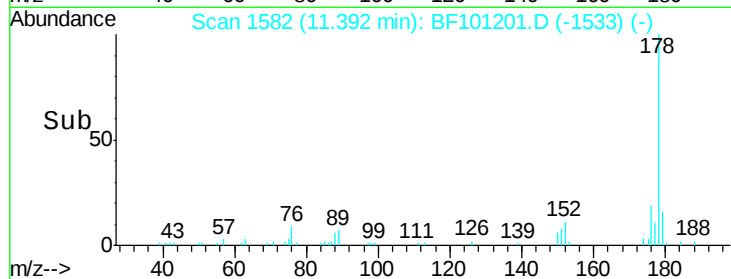
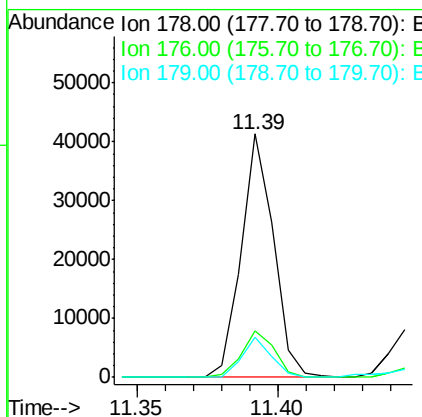
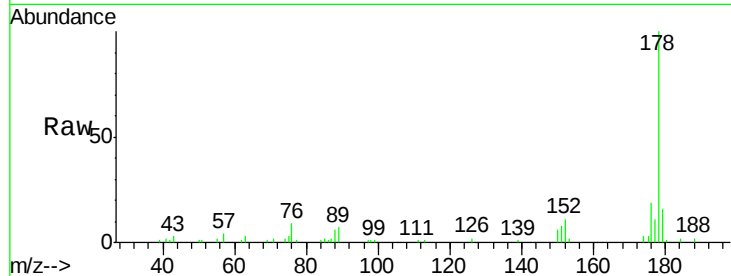
#70
Phenanthrene
Concen: 3.349 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :
PB-2-OW(0-10)

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

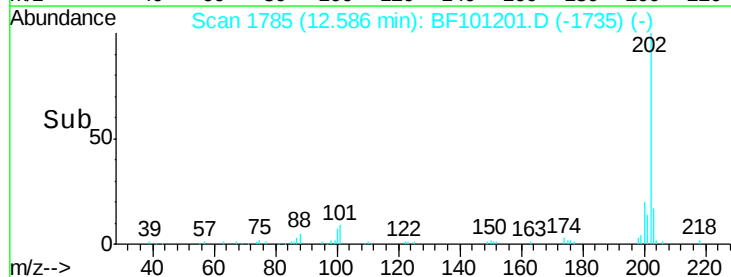
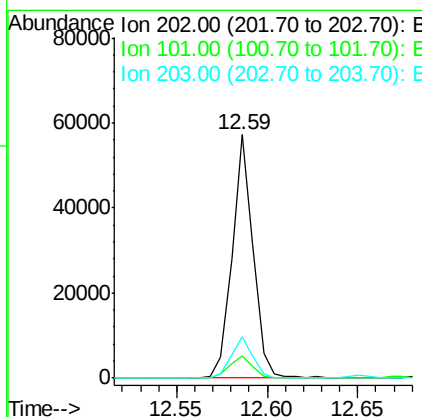
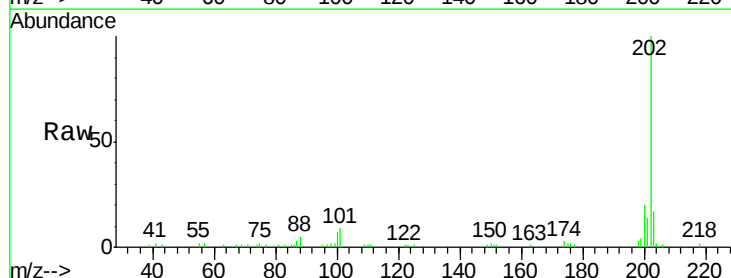
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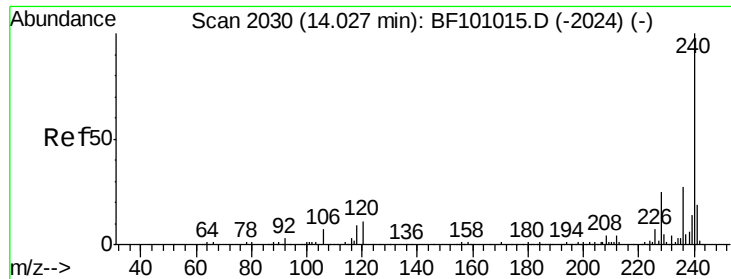
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#74
Fluoranthene
Concen: 4.237 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101201.D

Acq: 7 Dec 2017 13:27

Instrument :

BNA_F

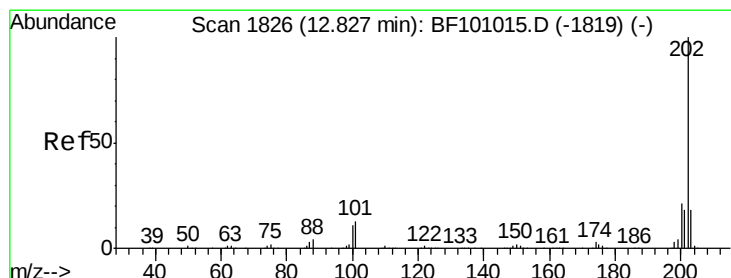
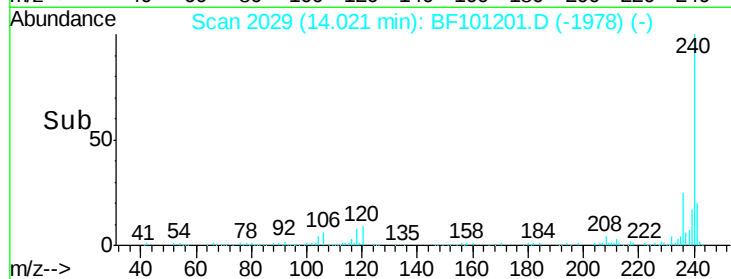
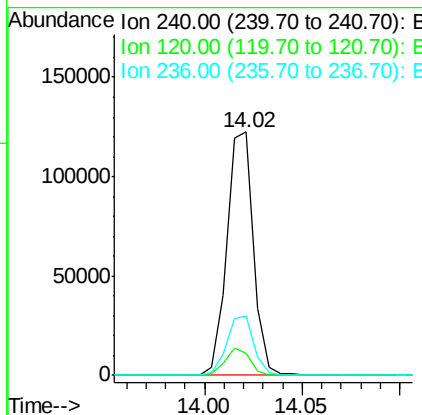
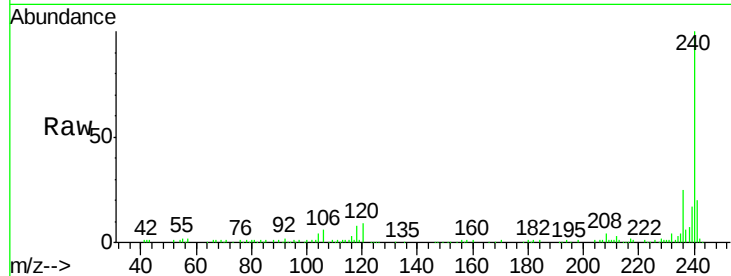
ClientSampleId :

PB-2-OW(0-10)

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3
236	24.6	20.7	31.1

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#77

Pyrene

Concen: 5.549 ng

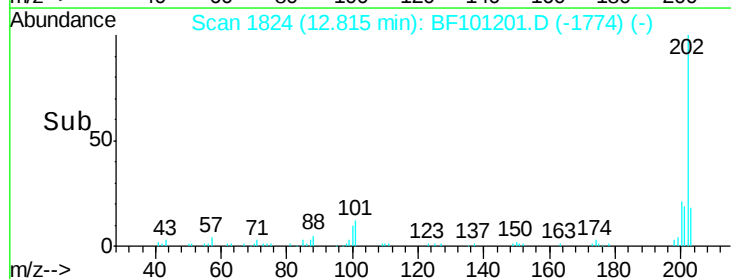
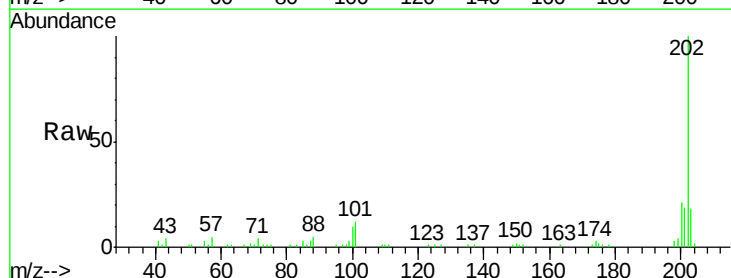
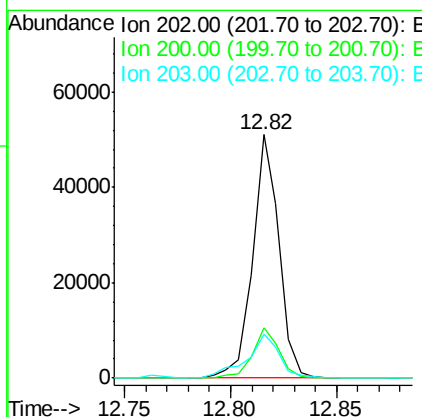
RT: 12.82 min Scan# 1824

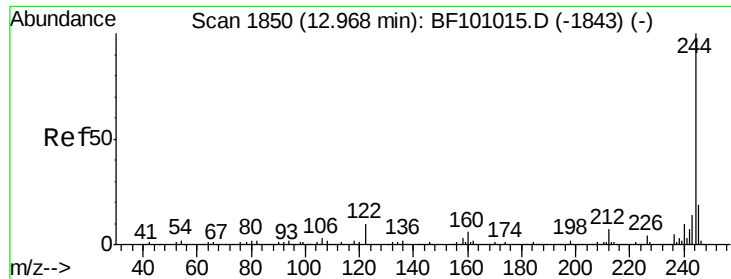
Delta R.T. -0.01 min

Lab File: BF101201.D

Acq: 7 Dec 2017 13:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.1	14.3	21.5





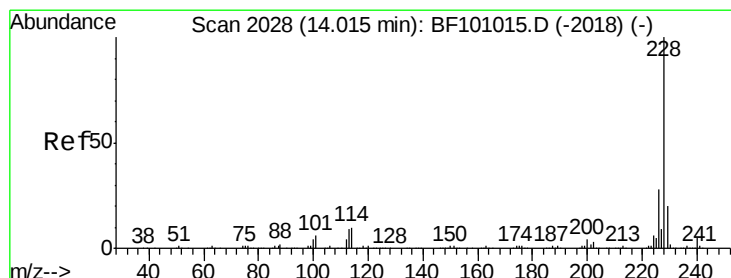
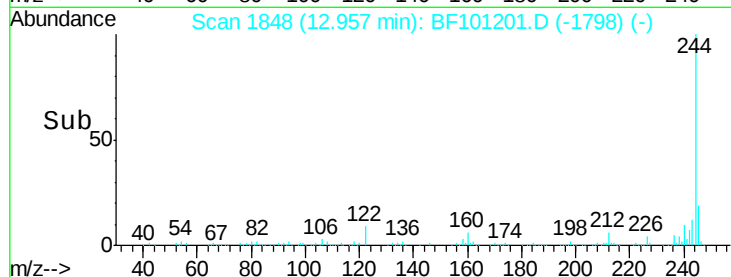
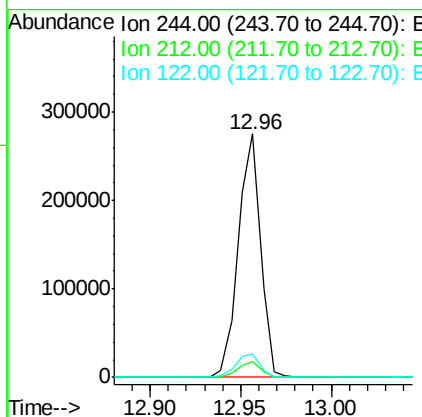
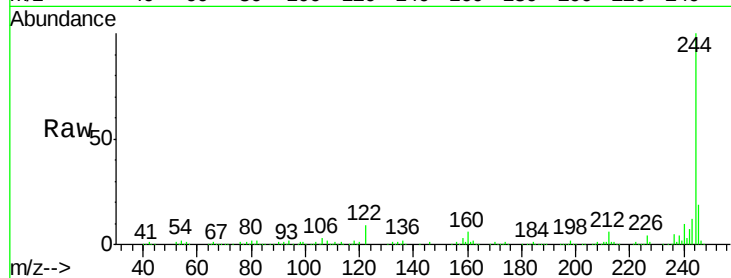
#78
 Terphenyl-d14
 Concen: 44.597 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101201.D
 Acq: 7 Dec 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB-2-OW(0-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.4	11.0	16.4

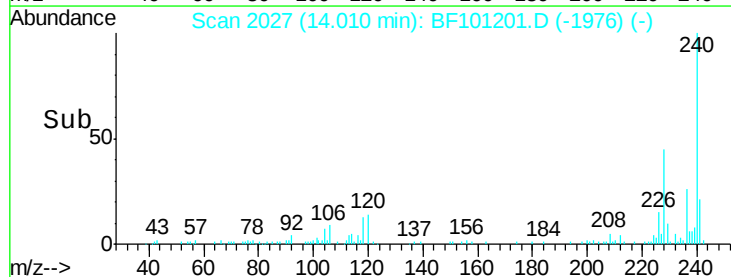
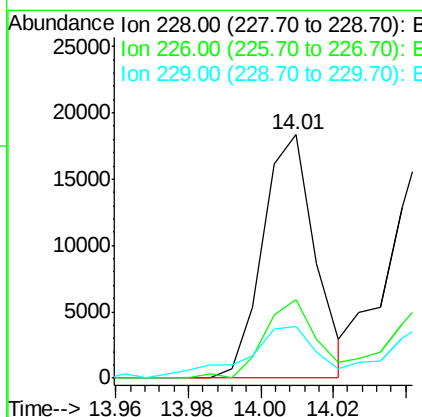
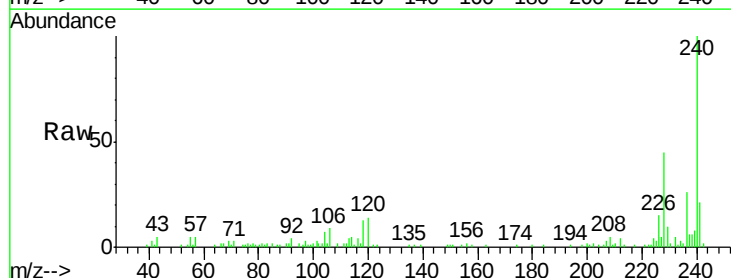
Manual Integrations
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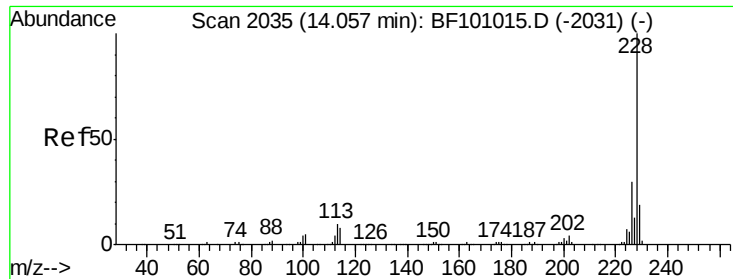
Sohil
 12/8/2017 11:12:00 AM



#80
 Benzo(a)anthracene
 Concen: 2.527 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF101201.D
 Acq: 7 Dec 2017 13:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	21.0	15.8	23.6





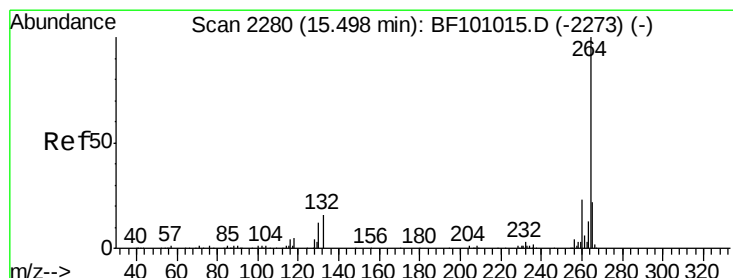
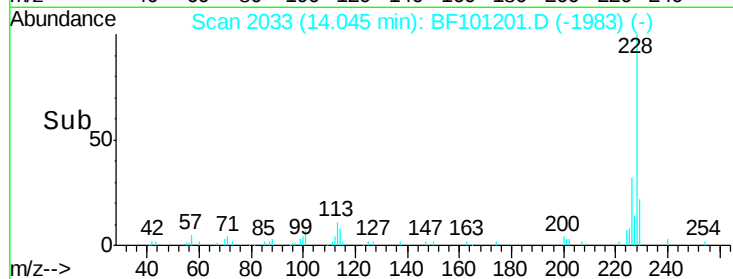
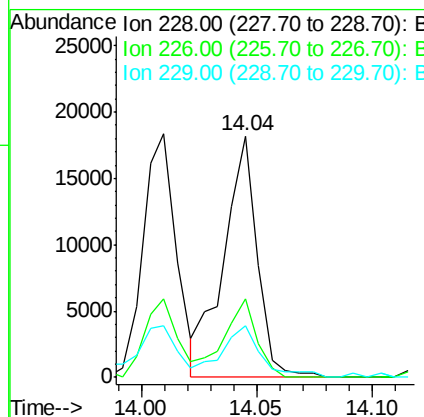
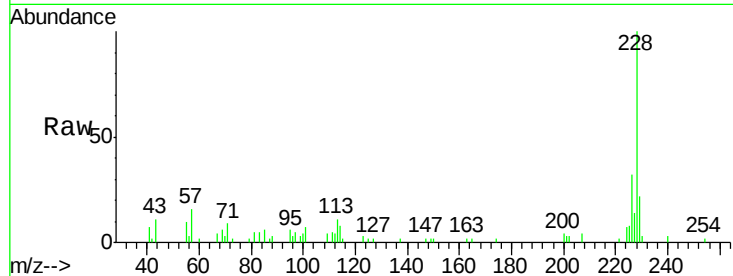
#82
Chrysene
Concen: 2.724 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Instrument :
BNA_F
ClientSampled :
PB-2-OW(0-10)

Tot Ion:	228	Resp:	18411
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.0	37.6
229	21.5	16.2	24.4

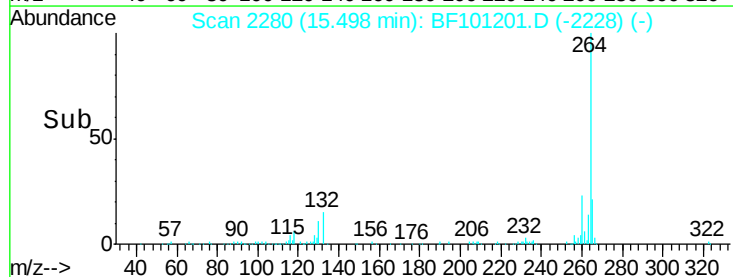
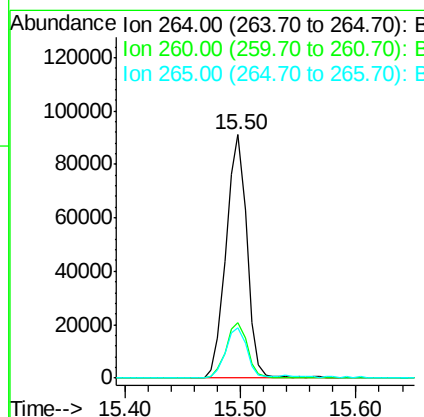
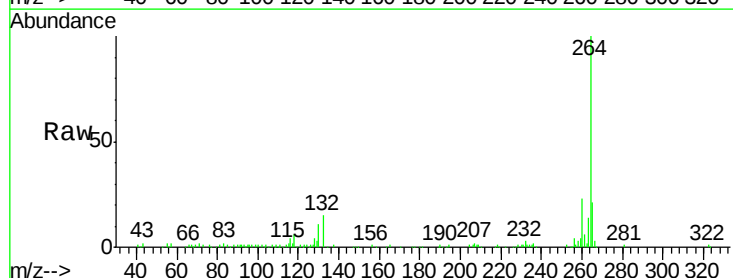
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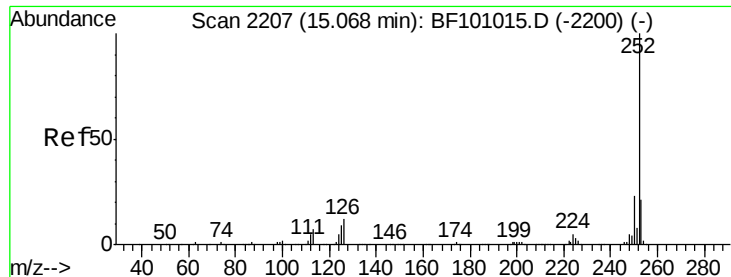
Sohil
12/8/2017 11:12:00 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101201.D
Acq: 7 Dec 2017 13:27

Tgt Ion:	264	Resp:	114516
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.114 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF101201.D

Acq: 7 Dec 2017 13:27

Instrument :

BNA_F

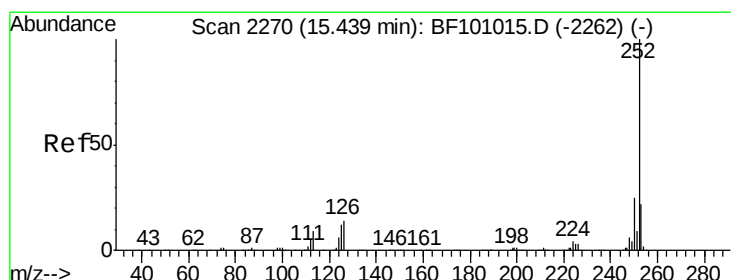
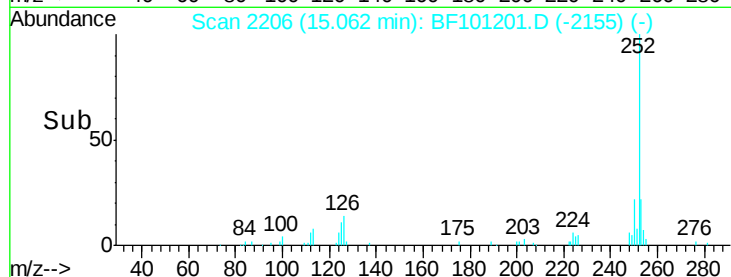
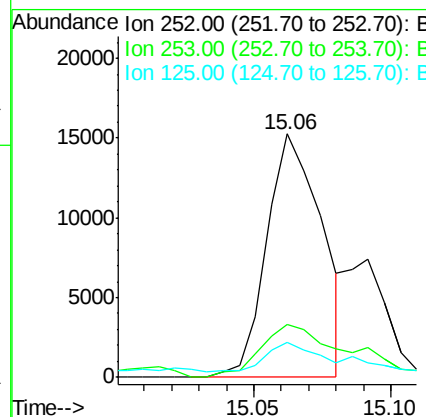
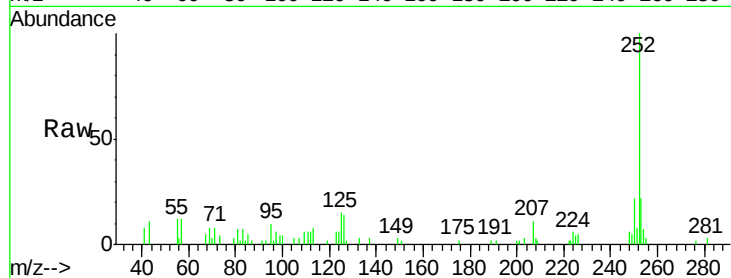
ClientSampleId :

PB-2-OW(0-10)

Tot Ion:	252	Resp:	21358
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.0	25.6
125	14.6	9.0	13.6

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#89

Benzo(a)pyrene

Concen: 2.666 ng

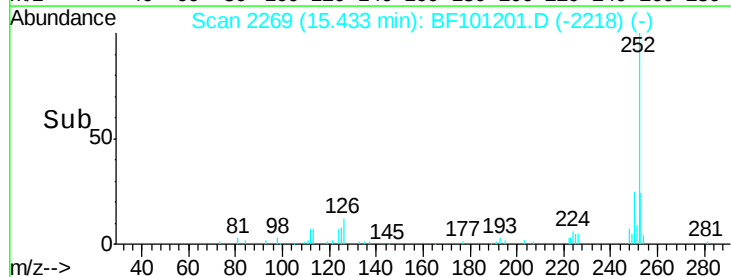
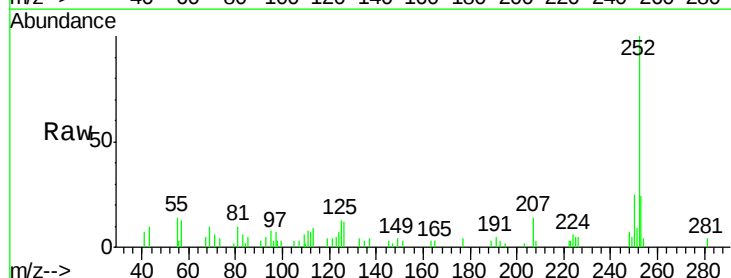
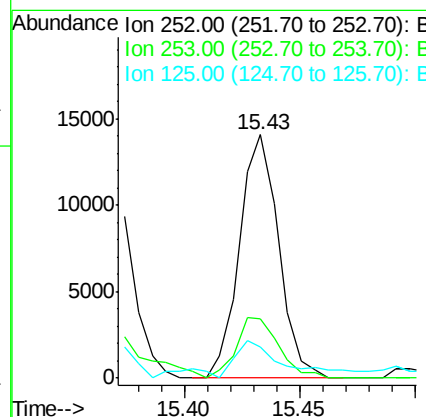
RT: 15.43 min Scan# 2269

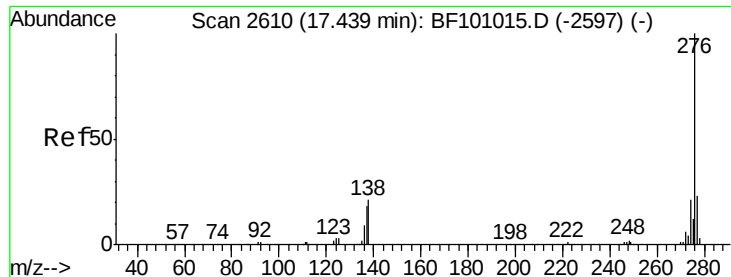
Delta R.T. 0.00 min

Lab File: BF101201.D

Acq: 7 Dec 2017 13:27

Tgt Ion:	252	Resp:	16626
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.1	25.7
125	12.7	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.123 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.01 min
 Lab File: BF101201.D
 Acq: 7 Dec 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB-2-OW(0-10)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	21.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/8/2017 11:12:00 AM

