

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111604.D
 Acq On : 19 Dec 2018 21:43
 Operator : JU/SJ
 Sample : J6464-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

Manual Integrations
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Sohil
 12/20/2018 12:42:10 PM

Quant Time: Dec 20 04:04:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199333	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	754033	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	385843	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	732507	20.00	ng	0.00
76) Chrysene-d12	14.04	240	502537	20.00	ng	-0.01
87) Perylene-d12	15.52	264	493688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1432440	122.49	ng	0.00
7) Phenol-d6	6.52	99	1875469	126.02	ng	0.00
23) Nitrobenzene-d5	7.45	82	1148716	88.68	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	561697	123.21	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1957328	73.94	ng	0.00
79) Terphenyl-d14	13.00	244	1804213	68.09	ng	0.00
Target Compounds						
10) Phenol	6.53	94	98709	5.878	ng	90
50) Dimethylphthalate	9.64	163	161044	5.708	ng	# 97
71) Phenanthrene	11.43	178	107794	2.775	ng	94
75) Fluoranthene	12.62	202	179711	4.568	ng	96
78) Pyrene	12.85	202	158456	4.465	ng	95
81) Benzo(a)anthracene	14.03	228	75355	2.627	ng	93
83) Chrysene	14.07	228	78342	2.779	ng	97
88) Benzo(b)fluoranthene	15.08	252	121226m	4.201	ng	
90) Benzo(a)pyrene	15.44	252	70532m	2.691	ng	

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

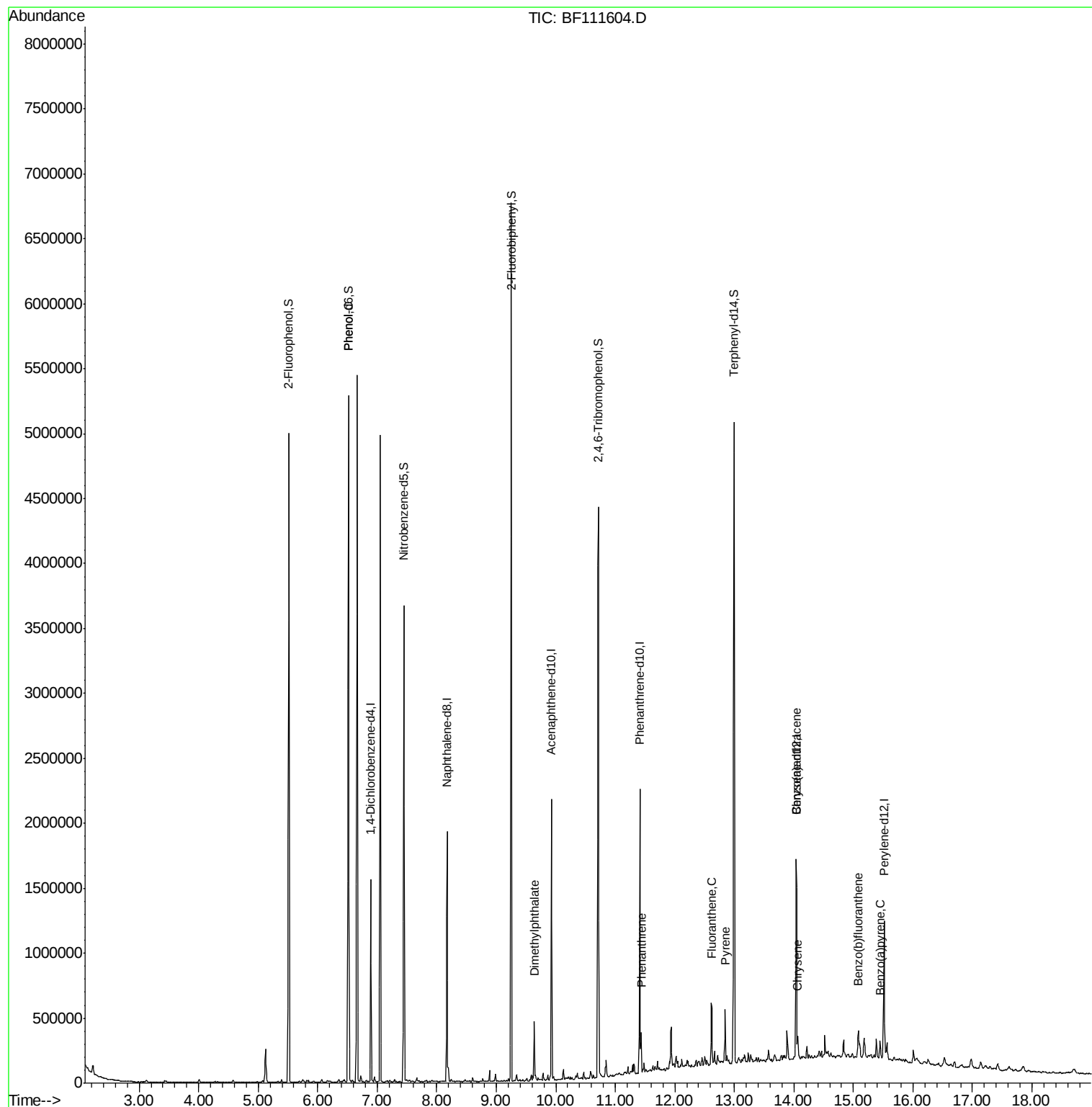
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111604.D
Acq On : 19 Dec 2018 21:43
Operator : JU/SJ
Sample : J6464-01
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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#1

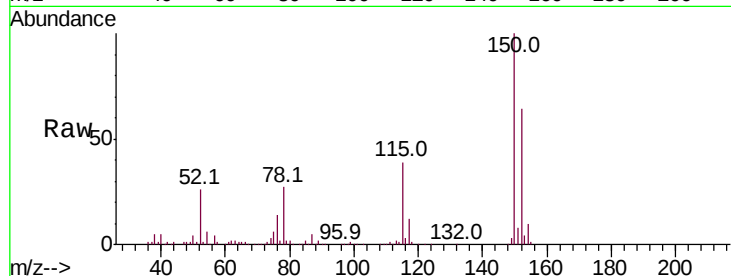
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	60.4	50.7	76.1

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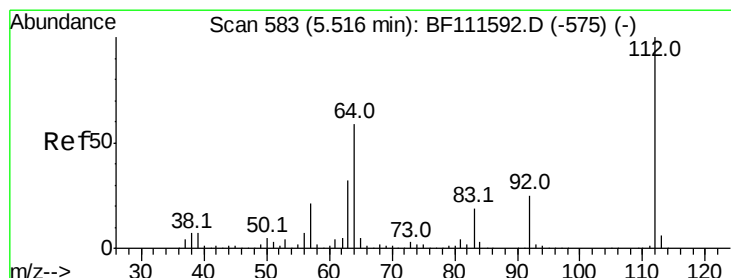
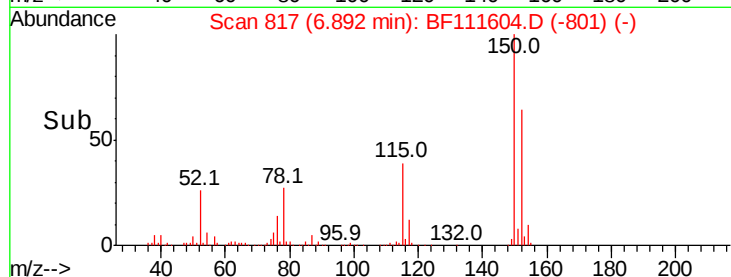
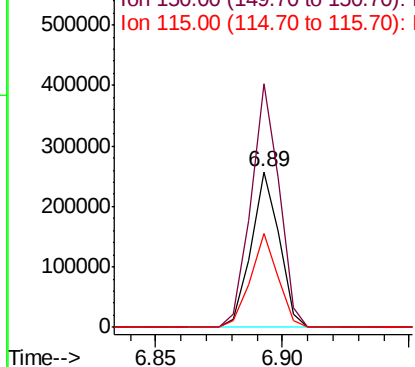


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

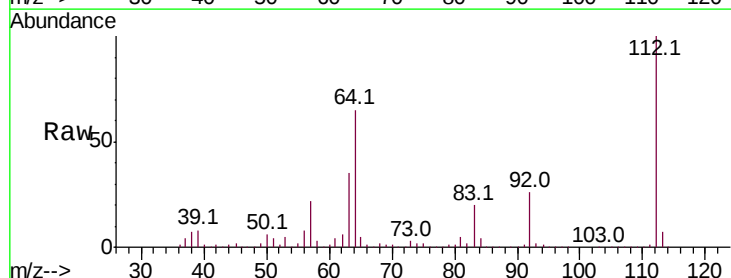
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.491 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	51.8	77.6
63	35.3	26.8	40.2

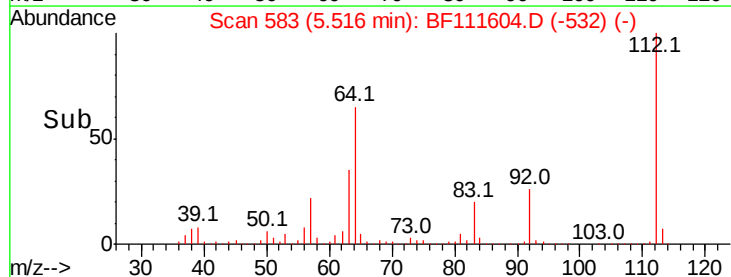
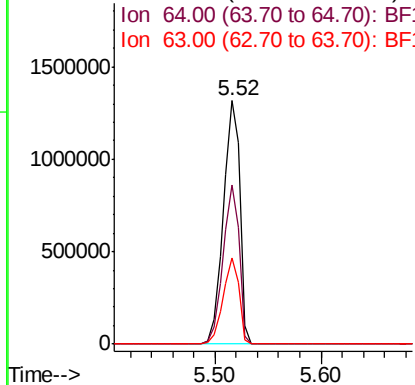


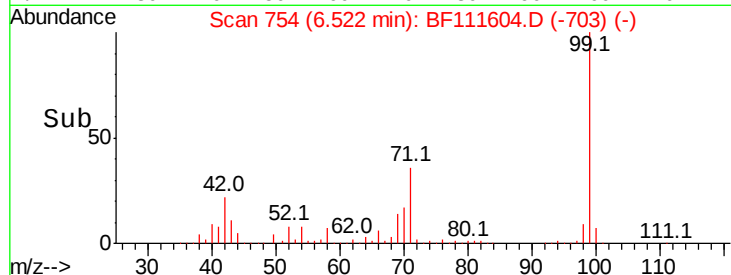
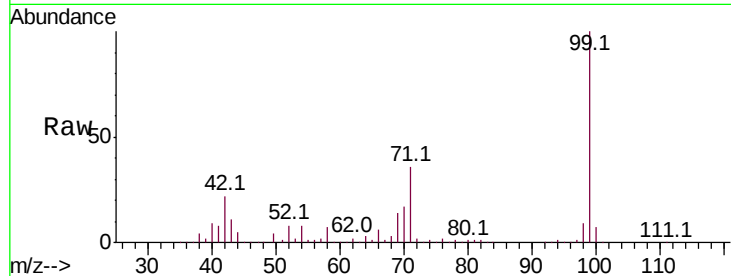
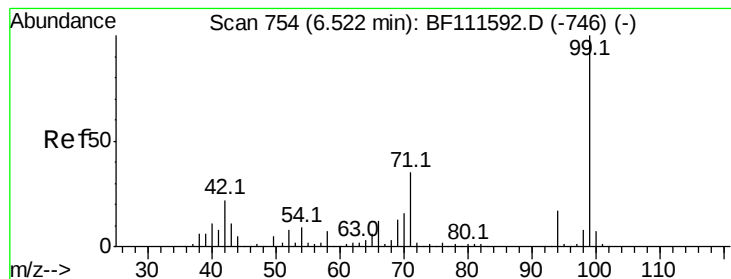
Abundance

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: 126.016 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Tot Ion: 99 Resp: 1875469

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

71 36.2 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

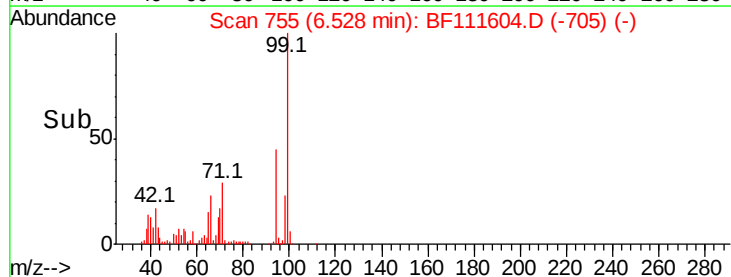
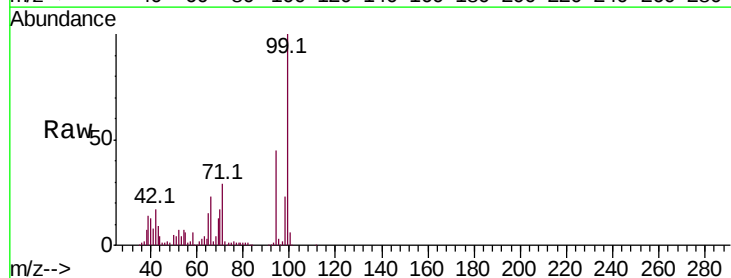
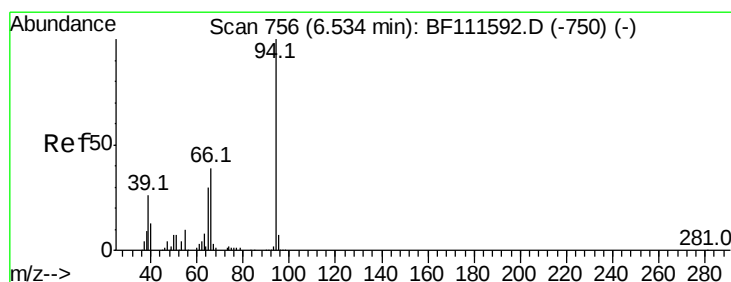
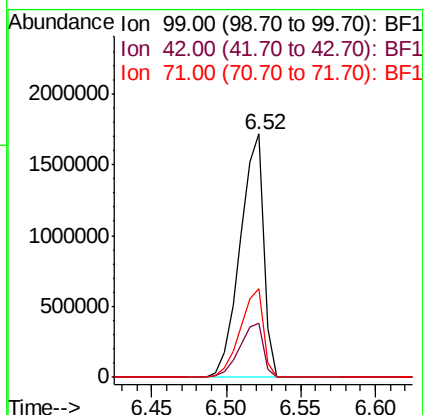
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#10

Phenol

Concen: 5.878 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

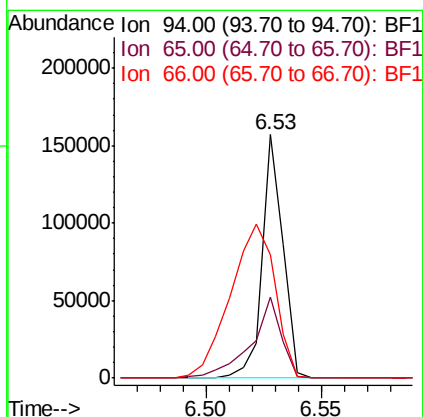
Tgt Ion: 94 Resp: 98709

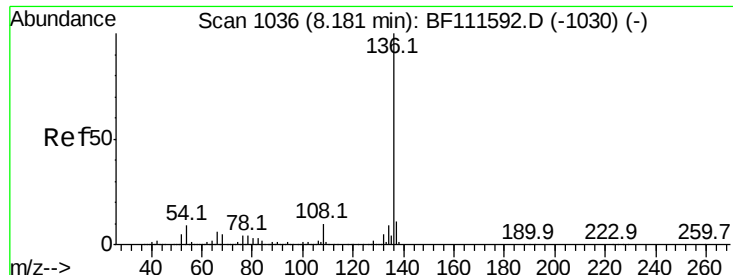
Ion Ratio Lower Upper

94 100

65 33.2 11.7 51.7

66 50.5 21.0 61.0





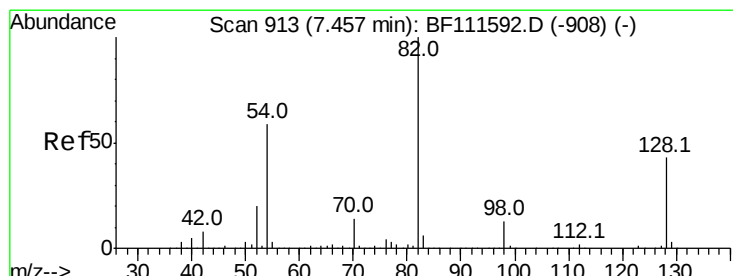
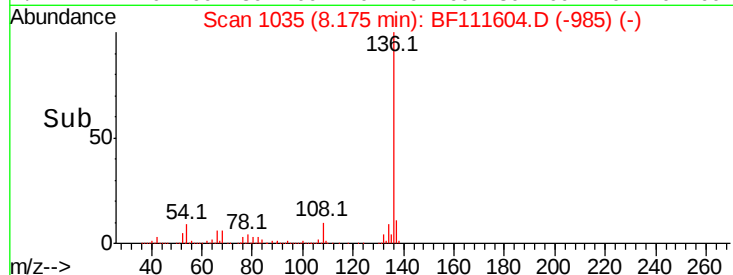
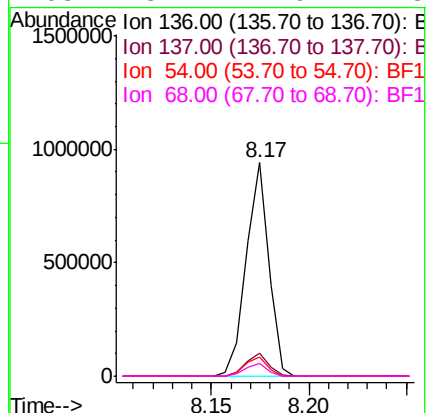
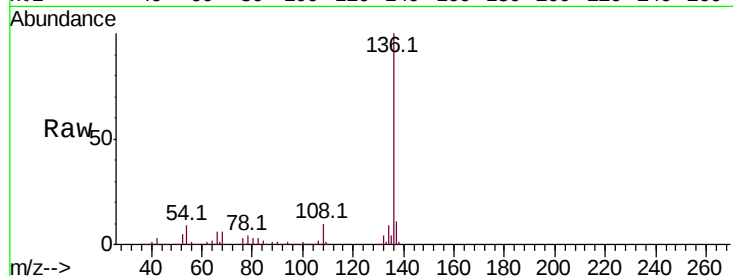
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	8.9	7.7	11.5	
68	5.7	4.9	7.3	

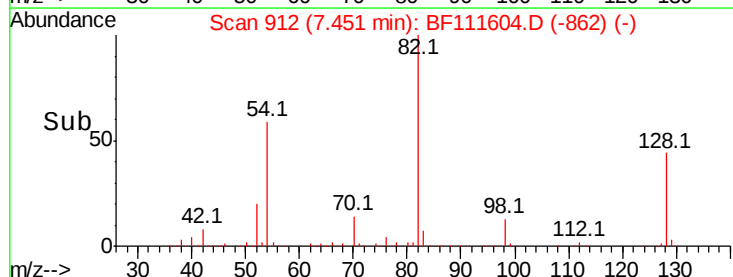
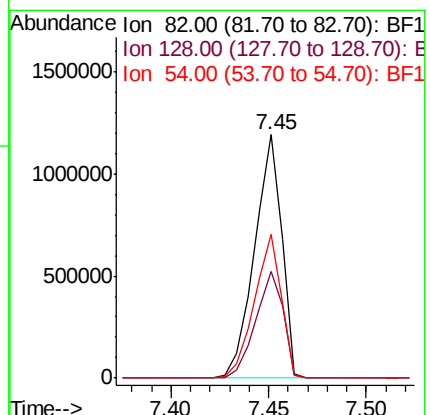
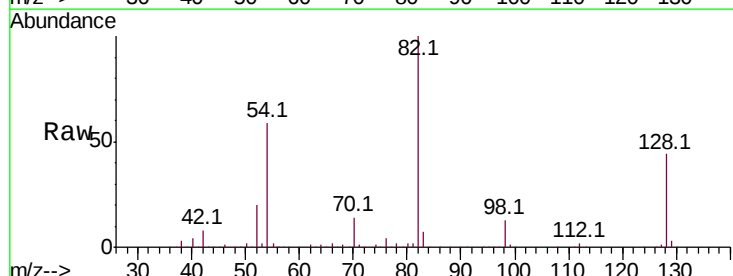
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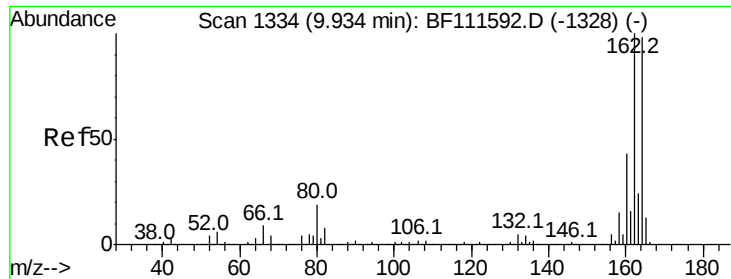
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#23
Nitrobenzene-d5
Concen: 88.675 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.0	37.4	56.2	
54	59.1	47.6	71.4	





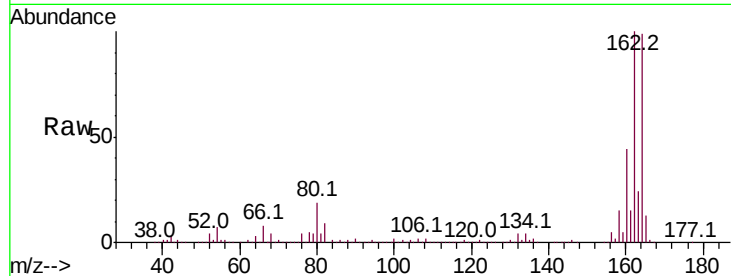
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

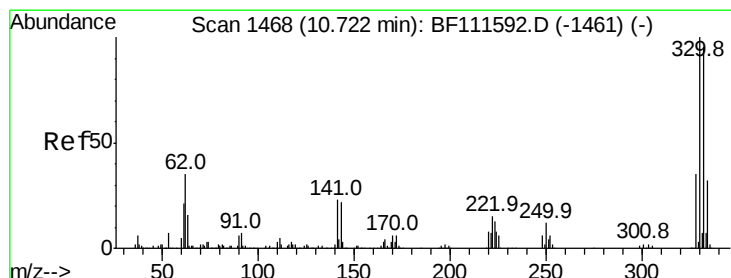
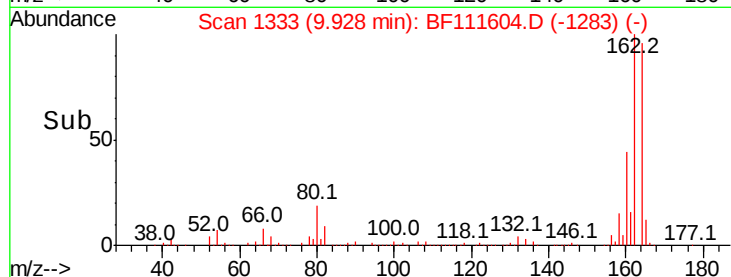
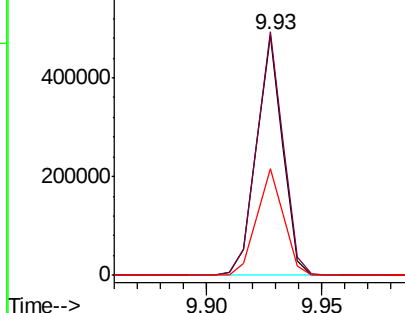
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.4	122.0	
160	44.3	35.7	53.5	

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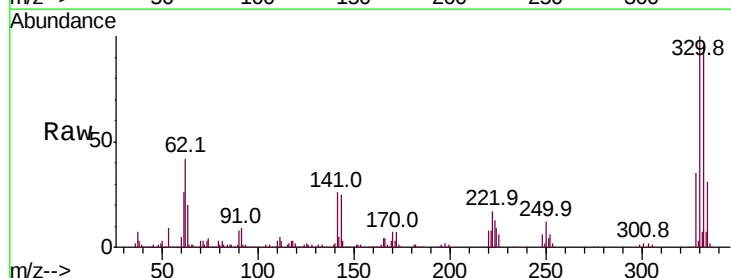


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

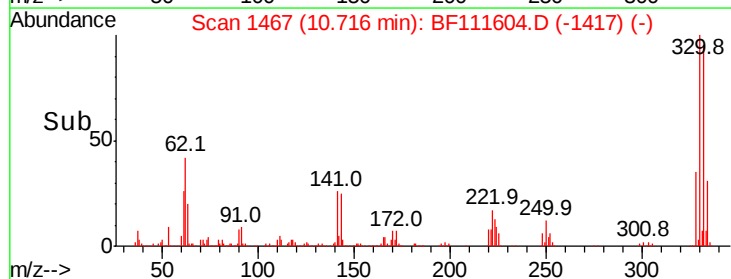
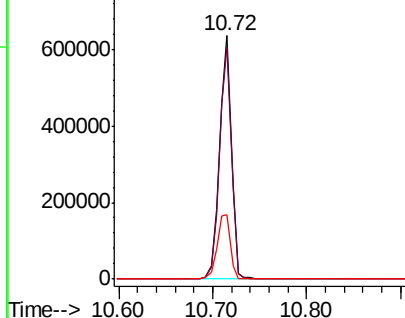


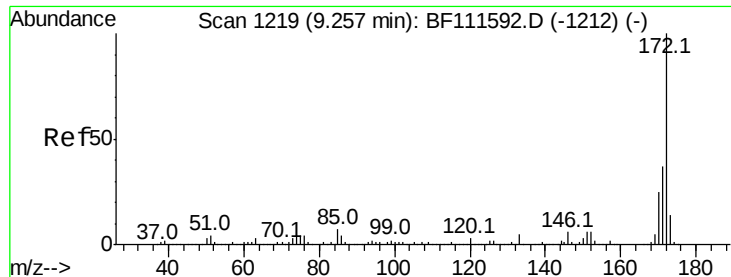
#42
2,4,6-Tribromophenol
Concen: 123.205 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.0	114.0	
141	29.5	31.0	46.6#	



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





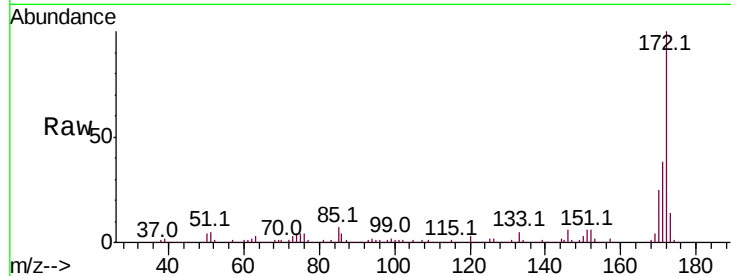
#45
2-Fluorobiphenyl
Concen: 73.941 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	33.0	49.4
170	25.2	22.3	33.5

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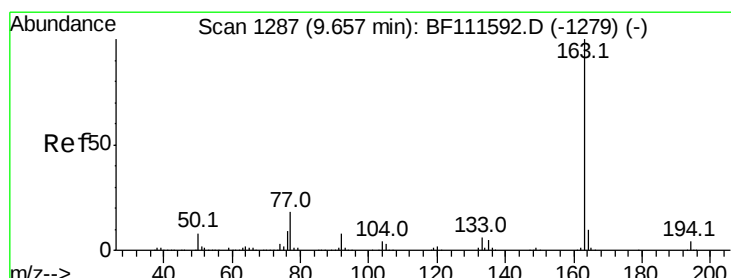
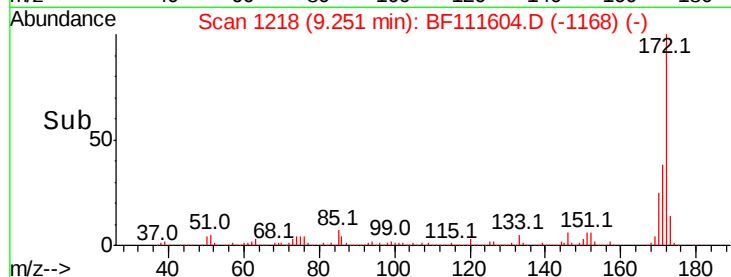
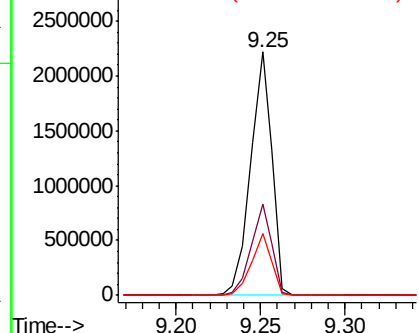


Abundance

Ion 172.00 (171.70 to 172.70): E

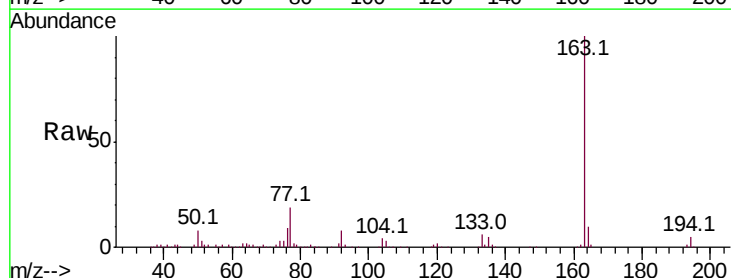
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.708 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	9.8	8.9	13.3

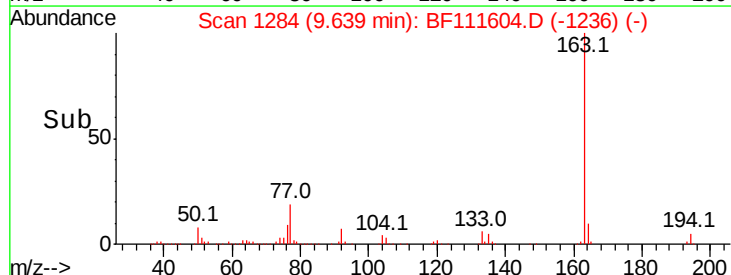
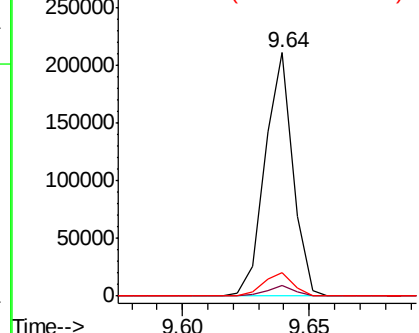


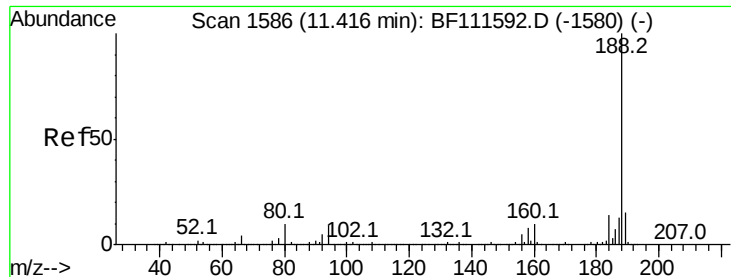
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





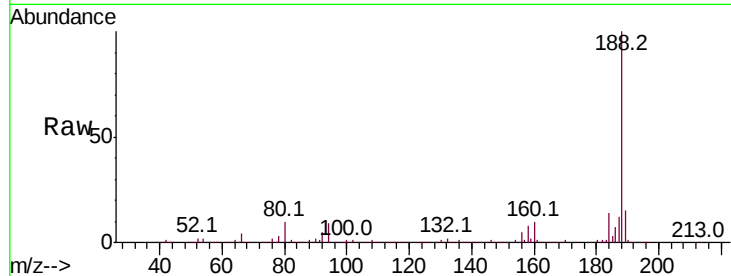
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

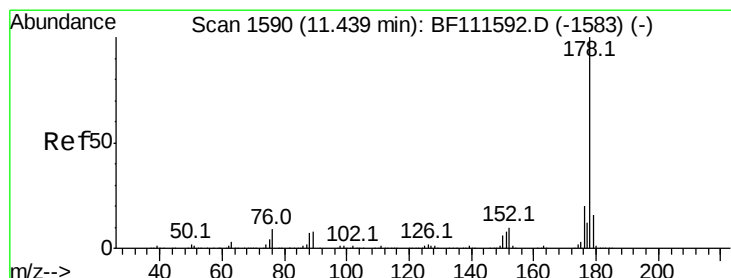
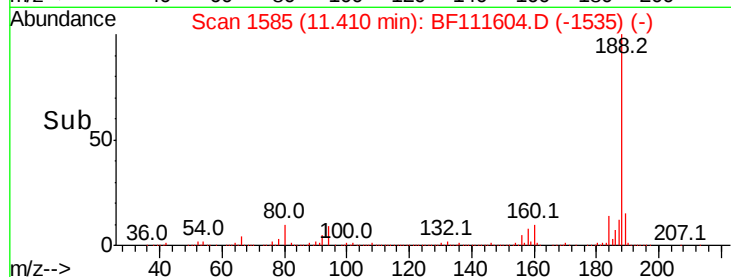
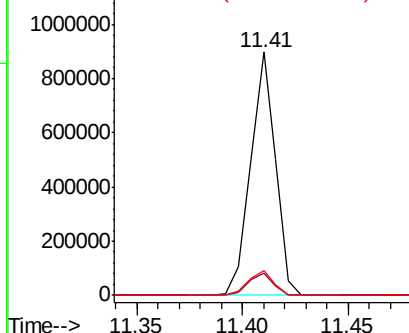
Tot Ion	Ratio	Resp	Lower	Upper
188	100	732507		
94	8.9		9.6	14.4#
80	10.1		9.8	14.6

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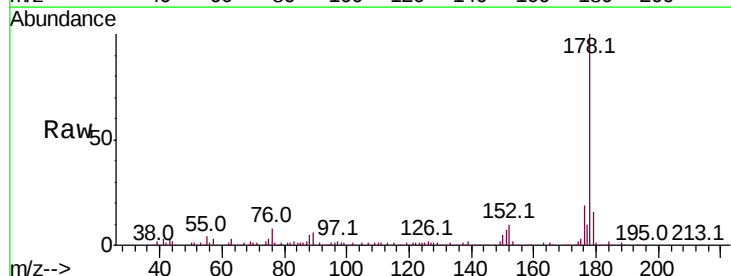


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

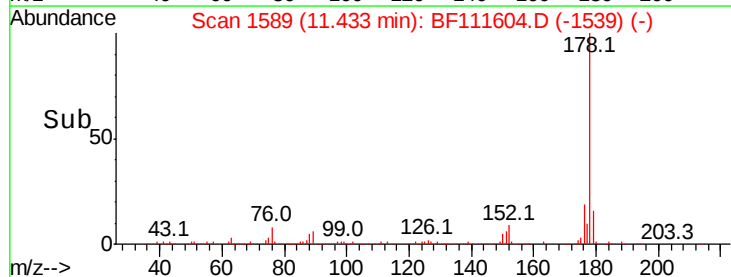
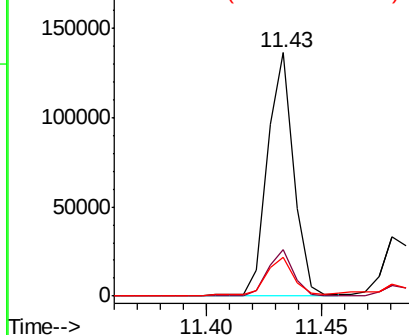


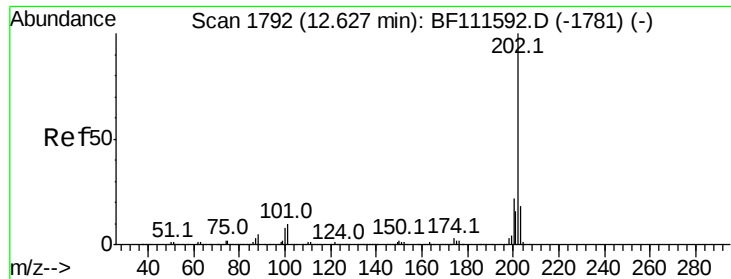
#71
Phenanthrene
Concen: 2.775 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	107794		
176	18.9		18.1	27.1
179	16.1		14.0	21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.568 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

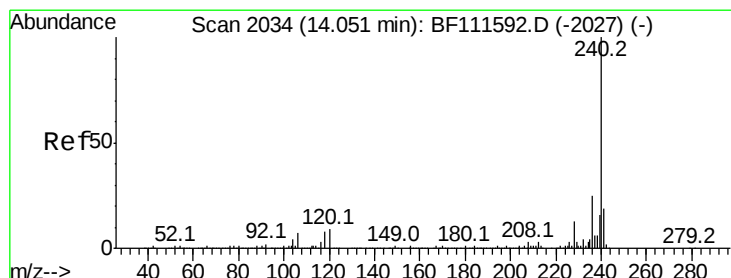
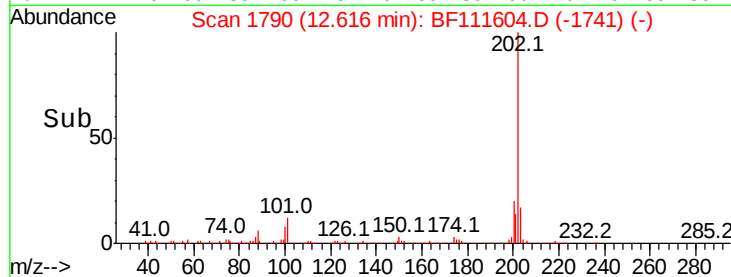
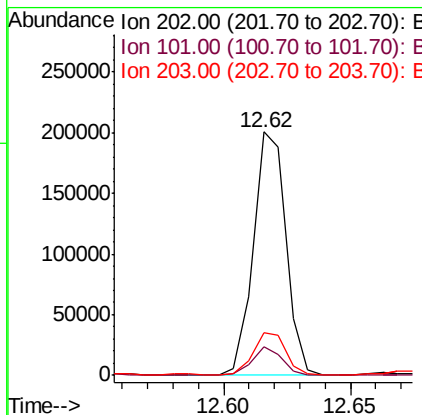
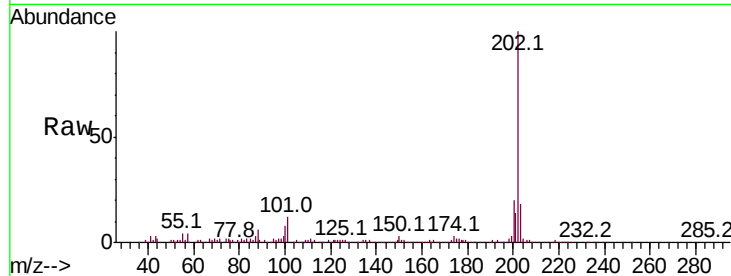
ClientSampleId :

290-RT4008-RBR251686

Tot Ion	Ratio	Resp	Lower	Upper
202	100	179711		
101	11.6	0.0	33.8	
203	17.6	0.0	38.6	

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#76

Chrysene-d12

Concen: 20.000 ng

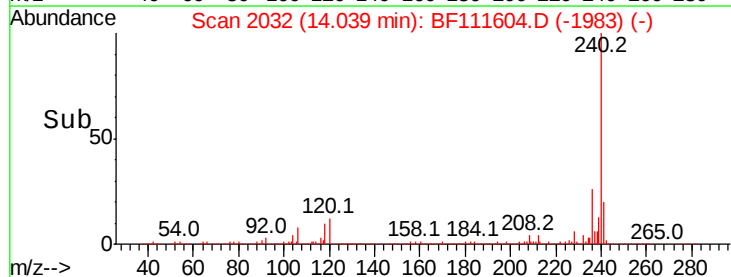
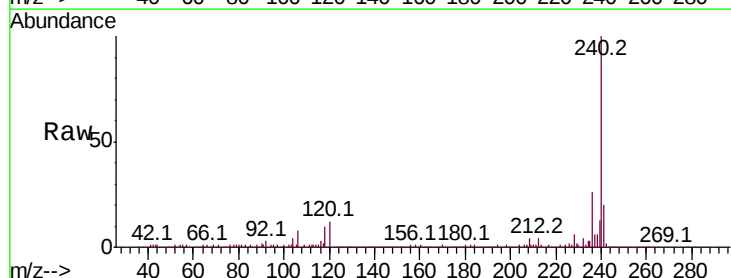
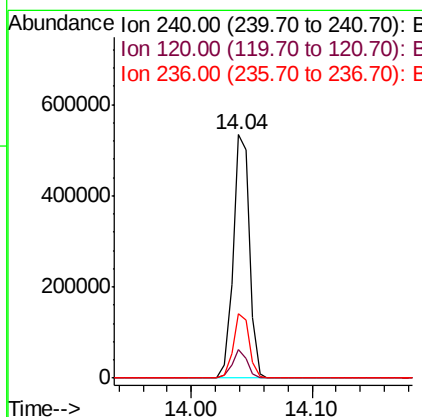
RT: 14.04 min Scan# 2032

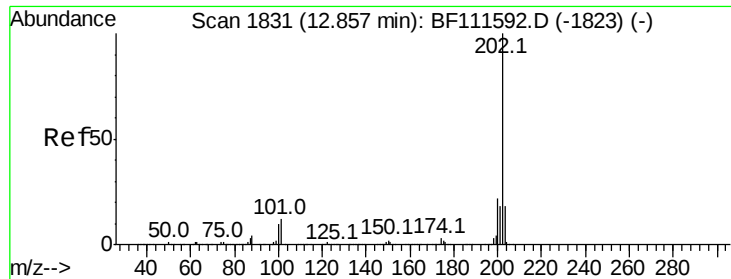
Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	502537		
120	11.7	12.2	18.2#	
236	26.3	20.2	30.2	





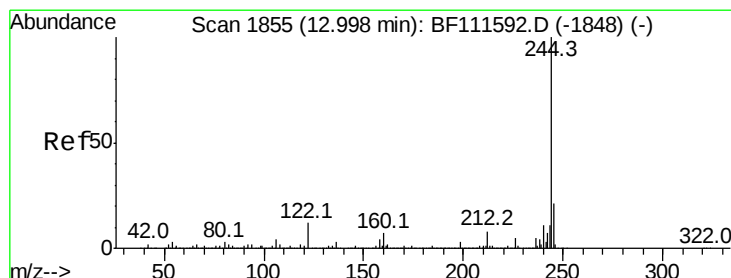
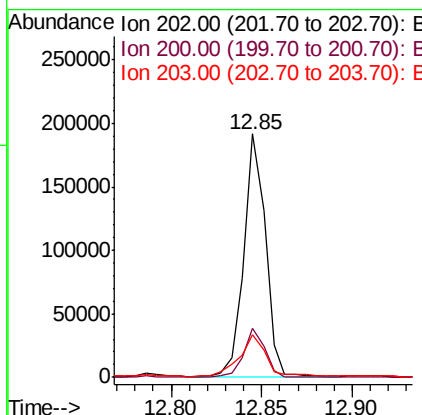
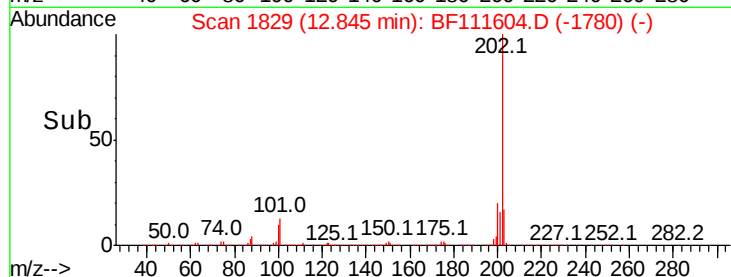
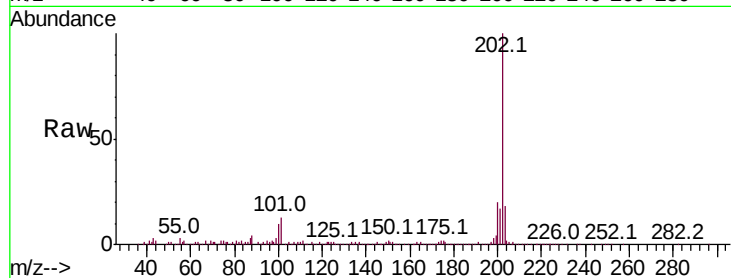
#78
Pvrene
Concen: 4.465 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	19.0	28.4
203	17.5	15.2	22.8

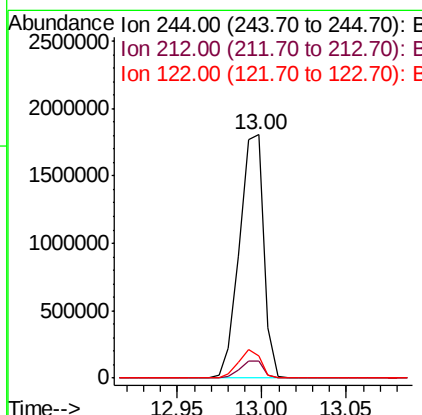
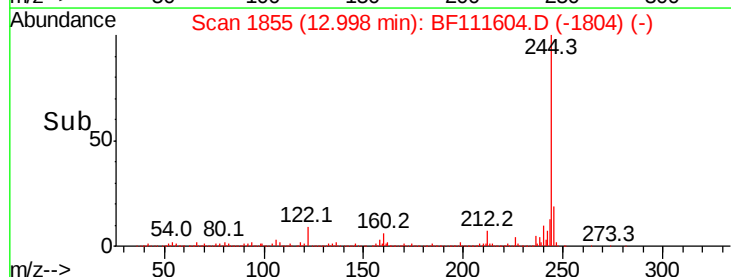
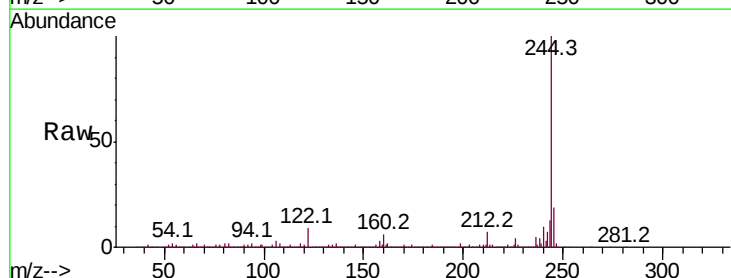
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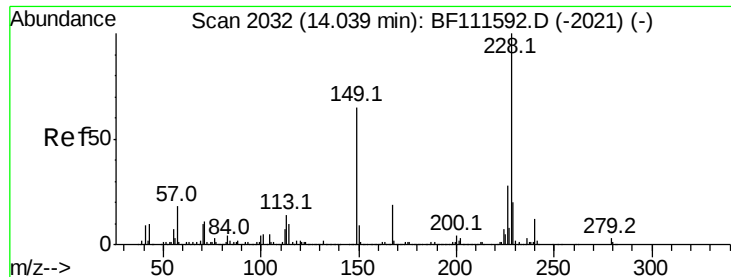
Sohil
12/20/2018 12:42:10 PM



#79
Terphenyl-d14
Concen: 68.085 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.2	13.1	19.7#





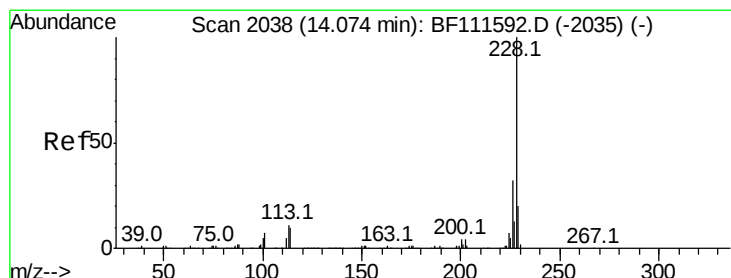
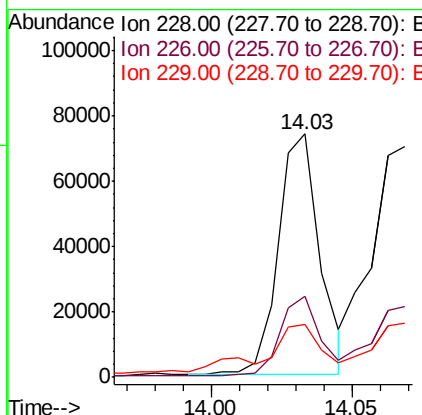
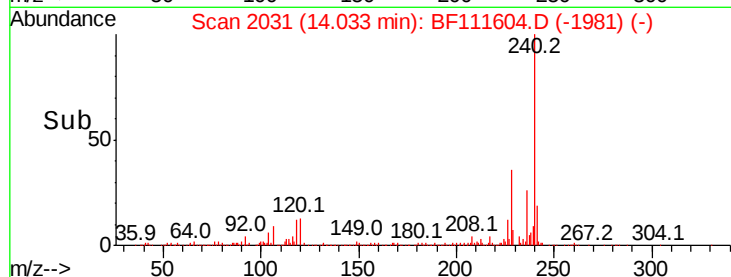
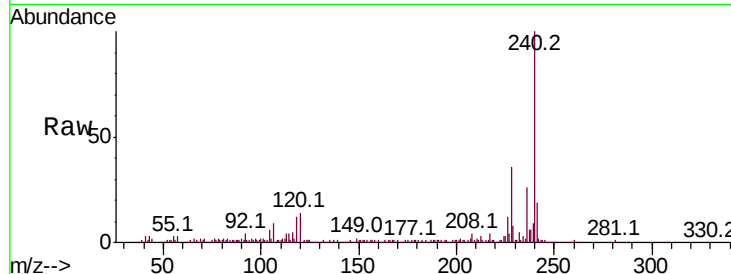
#81
Benzo(a)anthracene
Concen: 2.627 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	34.0
229	21.9	16.3	24.5

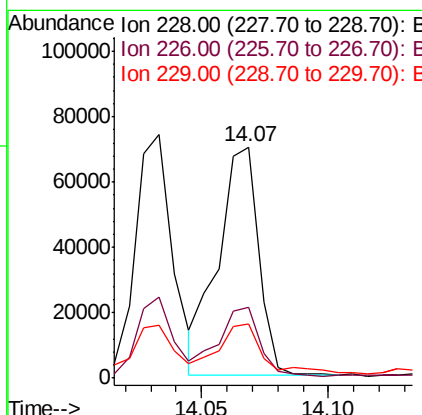
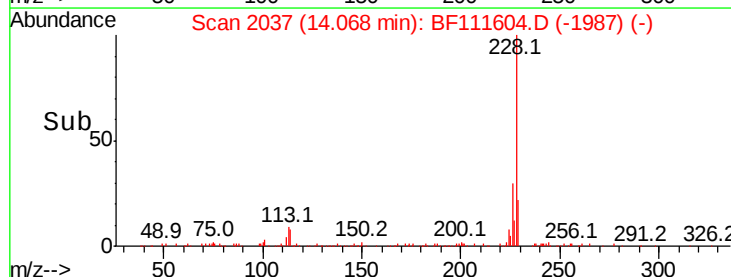
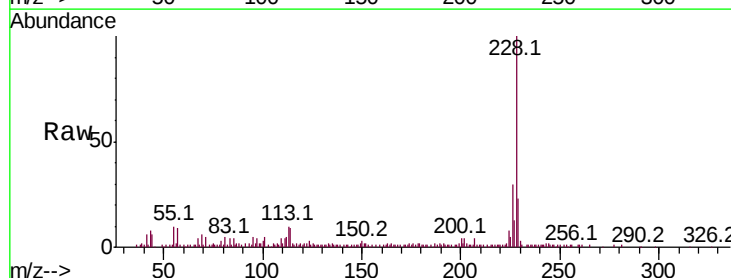
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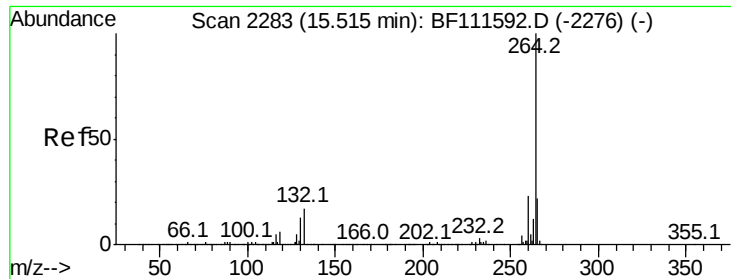
Sohil
12/20/2018 12:42:10 PM



#83
Chrysene
Concen: 2.779 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	23.4	17.2	25.8





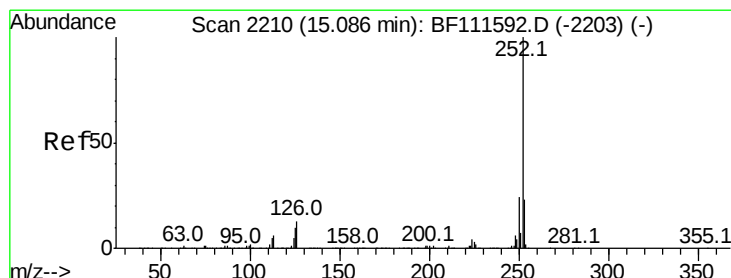
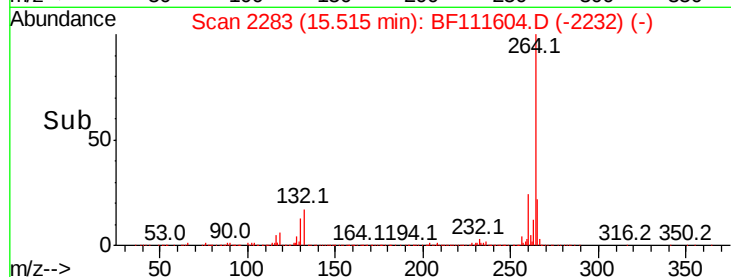
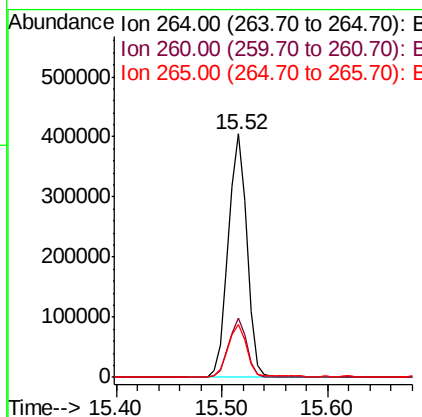
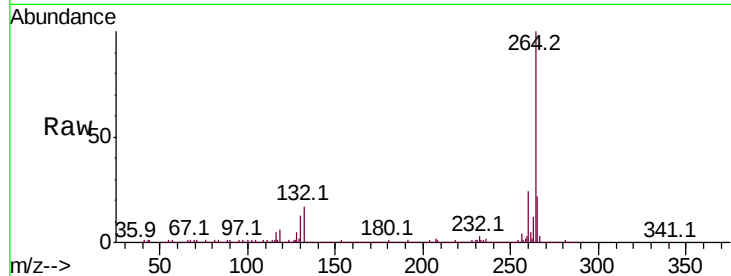
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.6	17.7	26.5

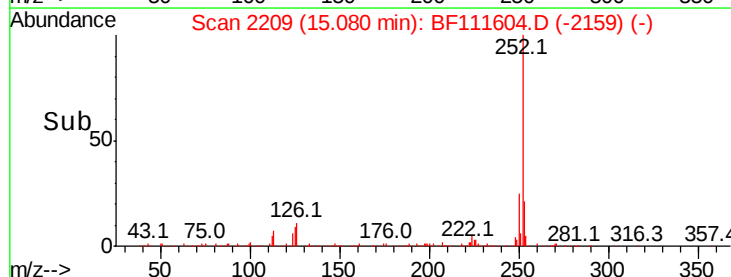
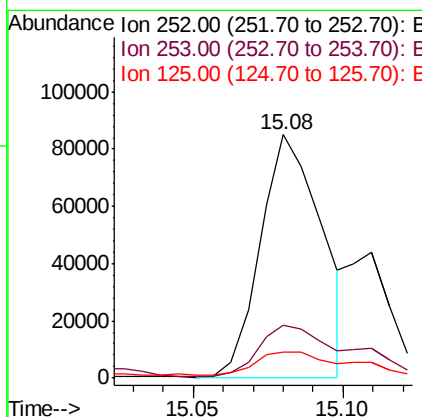
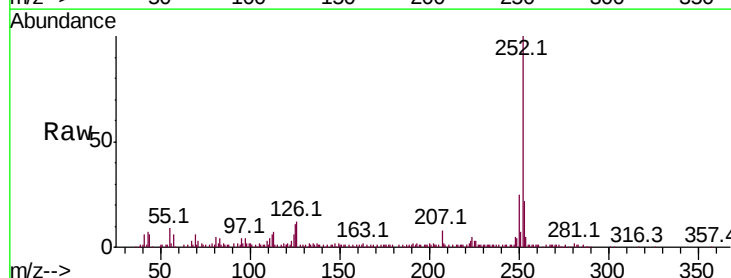
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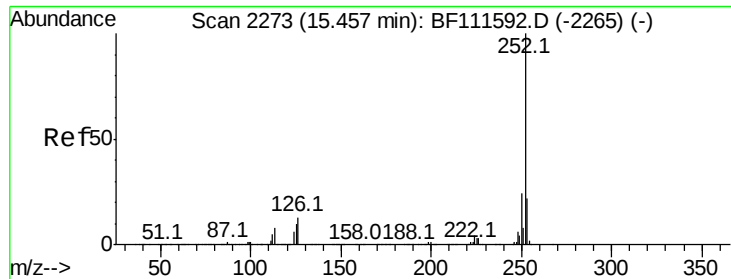
Sohil
12/20/2018 12:42:10 PM



#88
Benzo(b)fluoranthene
Concen: 4.201 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.7	10.4	15.6





#90
 Benzo(a)pyrene
 Concen: 2.691 ng/ml
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.8	12.3	18.5

Manual Integrations
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Sohil
 12/20/2018 12:42:10 PM

