

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112123.D
 Acq On : 18 Jan 2019 13:19
 Operator : JU/SJ
 Sample : K1157-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-06-011519

Manual Integrations
 APPROVED

Sohil
 1/21/2019 12:00:43 PM

Quant Time: Jan 18 14:32:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266282	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	951720	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	417343	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	661747	20.00	ng	0.00
76) Chrysene-d12	14.02	240	591155	20.00	ng	-0.01
87) Perylene-d12	15.49	264	640150	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1906612	129.96	ng	0.00
7) Phenol-d6	6.50	99	2347798	127.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	1494385	108.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	577862	128.35	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2676715	94.03	ng	0.00
79) Terphenyl-d14	12.96	244	2164269	77.89	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	47243	2.355	ng	82
50) Dimethylphthalate	9.60	163	258132	8.481	ng	97
71) Phenanthrene	11.40	178	113594	3.411	ng	95
75) Fluoranthene	12.59	202	191629	5.450	ng	100
78) Pyrene	12.82	202	181821	4.662	ng	98
81) Benzo(a)anthracene	14.01	228	100280	2.959	ng	97
83) Chrysene	14.04	228	108106m	3.371	ng	
88) Benzo(b)fluoranthene	15.06	252	141426m	3.892	ng	
90) Benzo(a)pyrene	15.43	252	95385	2.862	ng	96

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

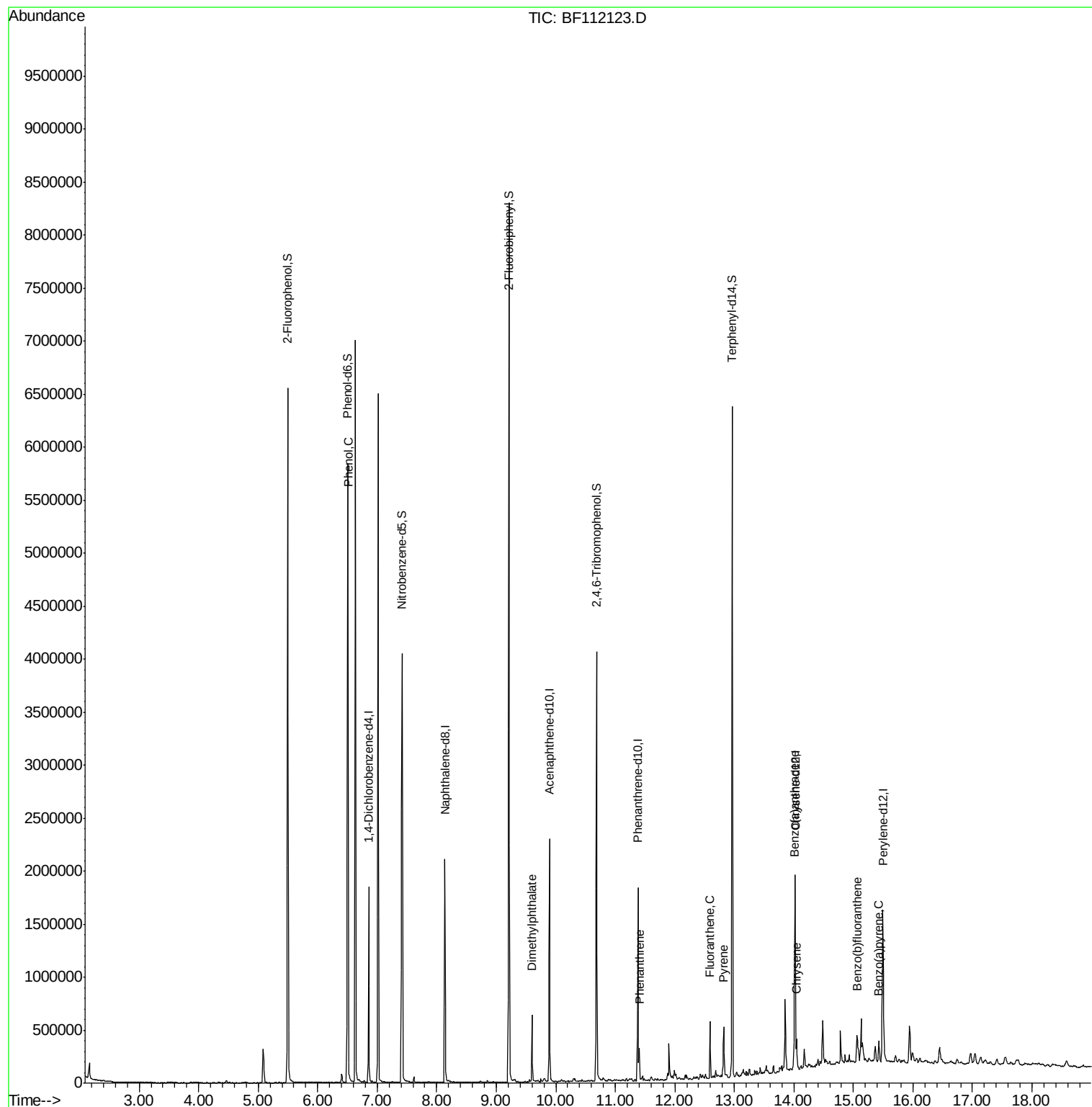
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112123.D
Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

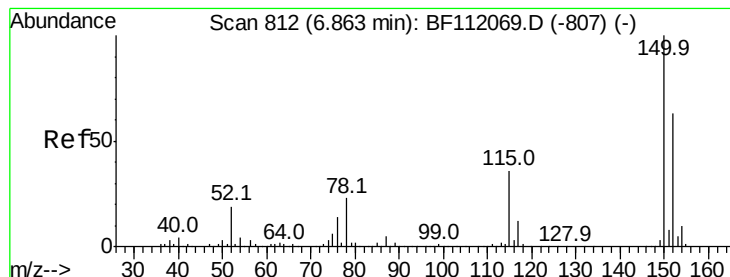
Instrument :
BNA_F
ClientSampleId :
WC-06-011519

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1/21/2019 12:00:43 PM

Quant Time: Jan 18 14:32:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration





#1

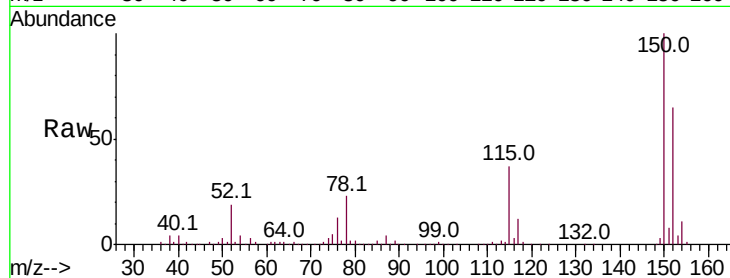
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.4	191.0
115	56.3	45.5	68.3

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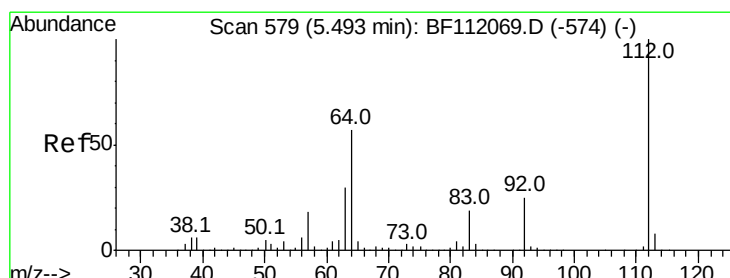
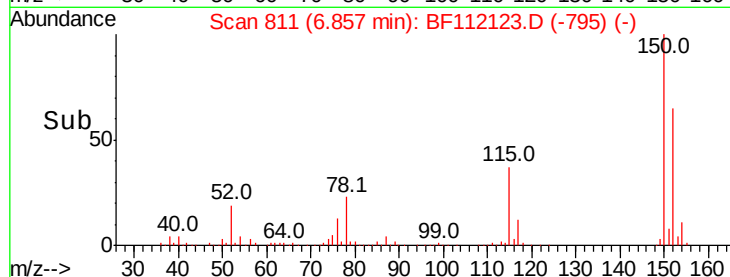
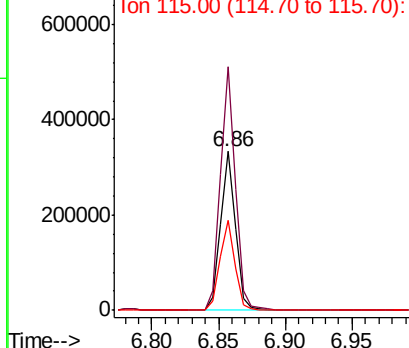


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

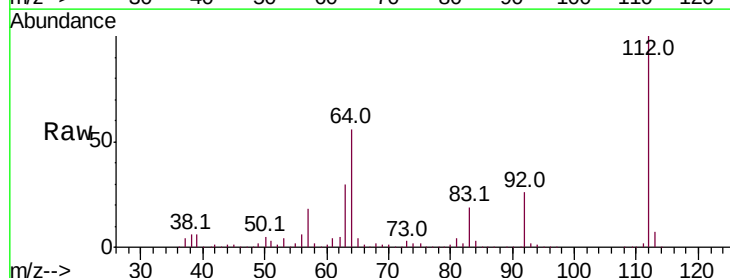
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.959 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.7	68.5
63	30.0	23.6	35.4

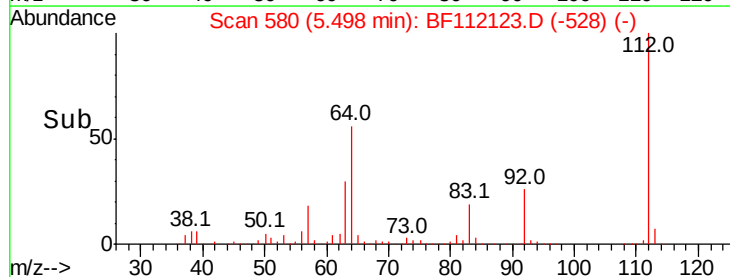
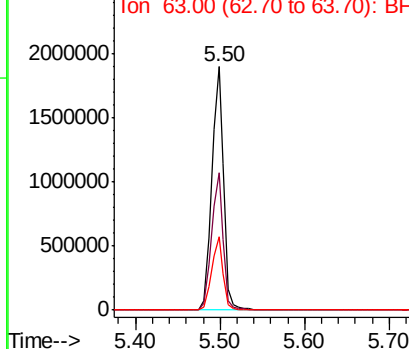


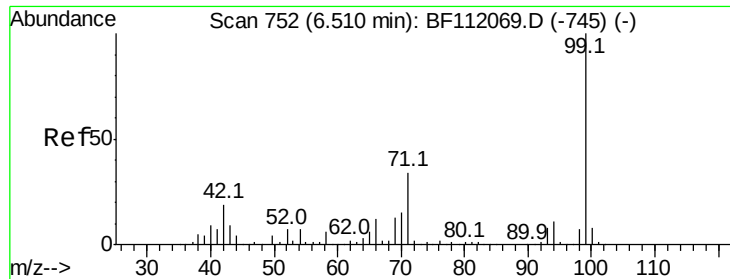
Abundance

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: 127.907 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112123.D

Acq: 18 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

WC-06-011519

Tot Ion: 99 Resp: 2347798

Ion Ratio Lower Upper

99 100

42 19.8 15.1 22.7

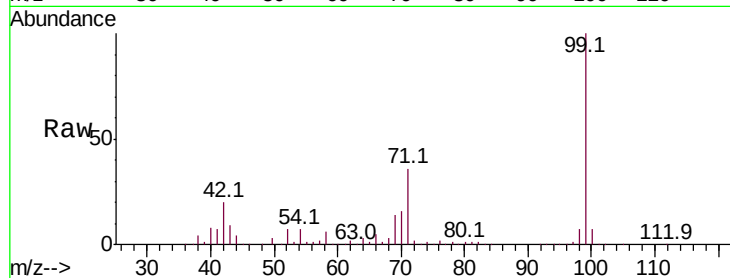
71 36.3 26.9 40.3

Manual Integrations

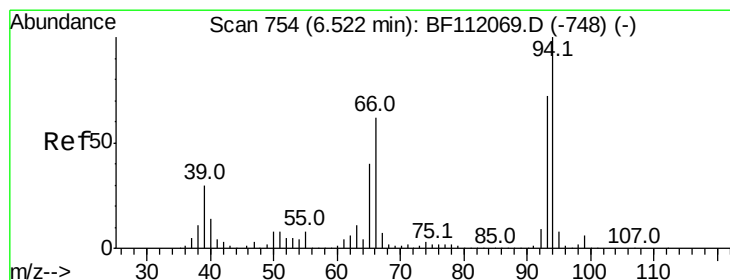
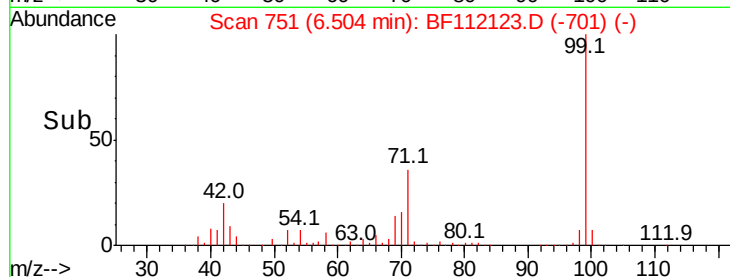
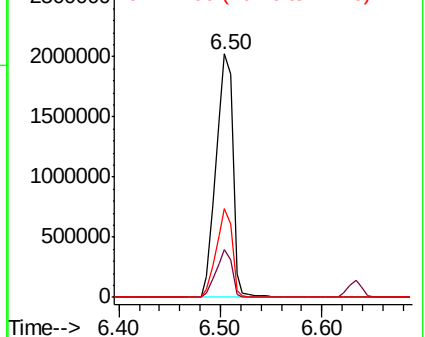
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.355 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112123.D

Acq: 18 Jan 2019 13:19

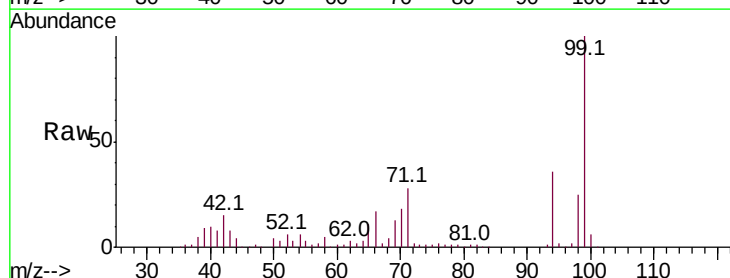
Tgt Ion: 94 Resp: 47243

Ion Ratio Lower Upper

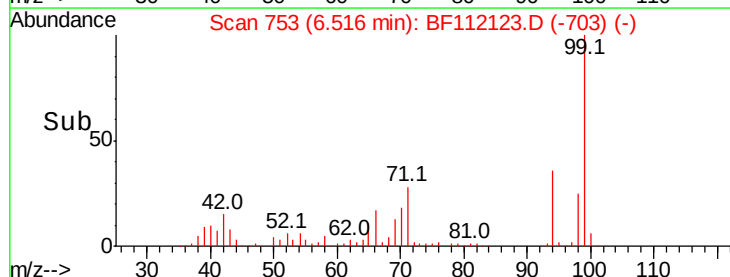
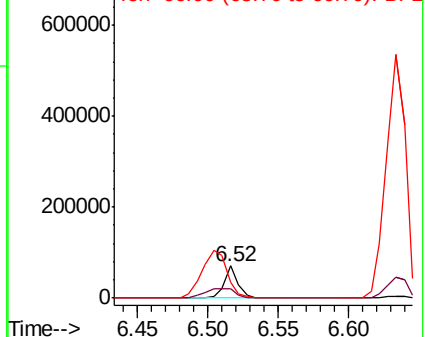
94 100

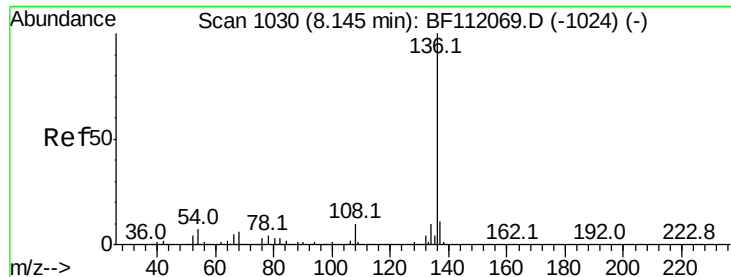
65 30.6 20.3 60.3

66 47.3 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





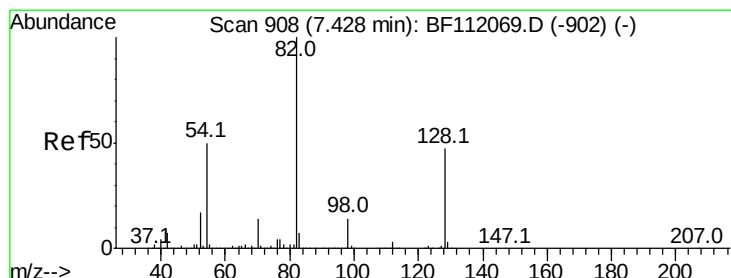
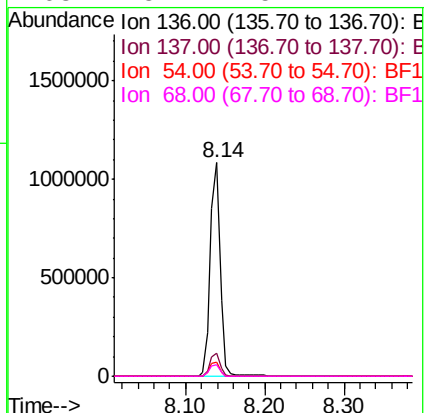
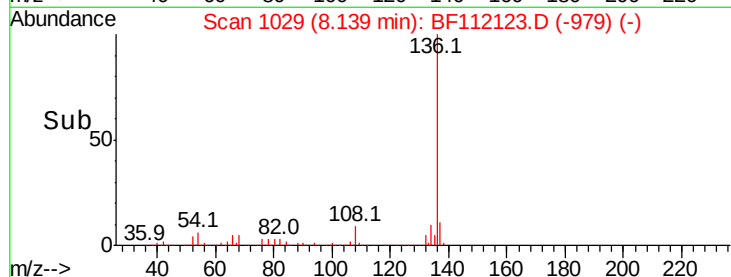
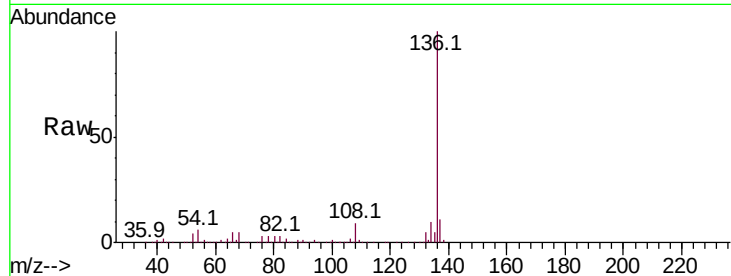
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	9.1	13.7		
54	6.4	5.9	8.9		
68	5.4	5.1	7.7		

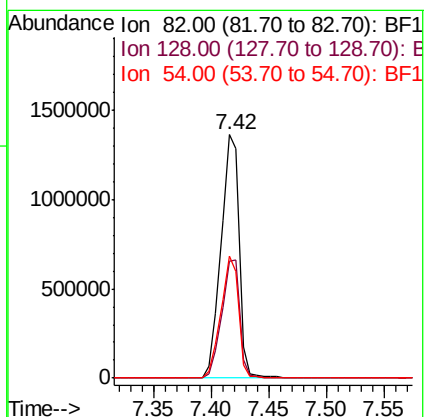
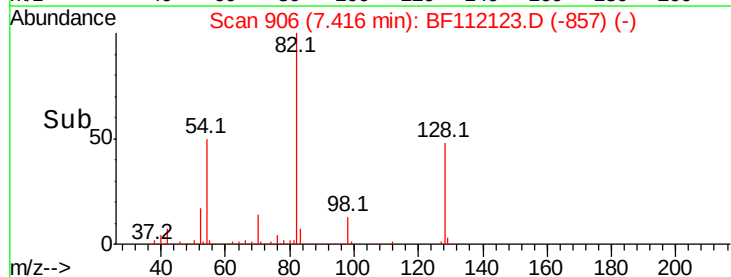
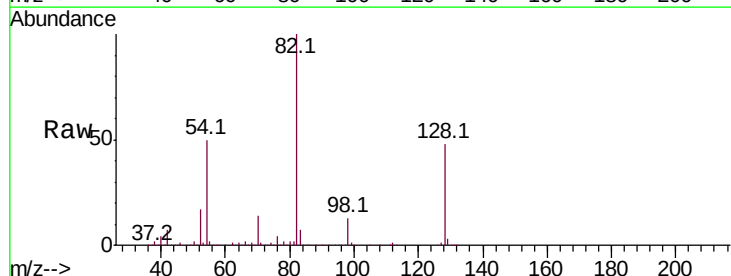
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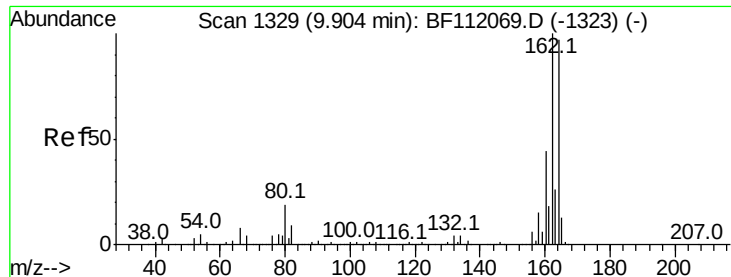
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#23
Nitrobenzene-d5
Concen: 108.483 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	48.1	37.8	56.8		
54	49.9	39.7	59.5		





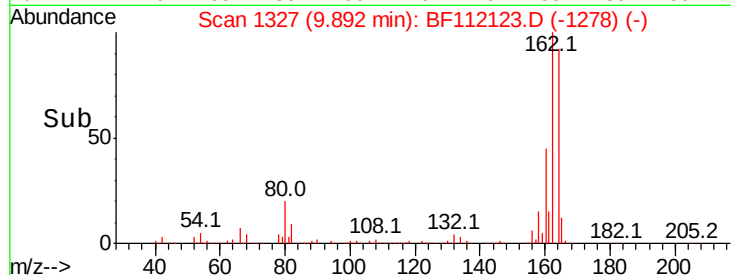
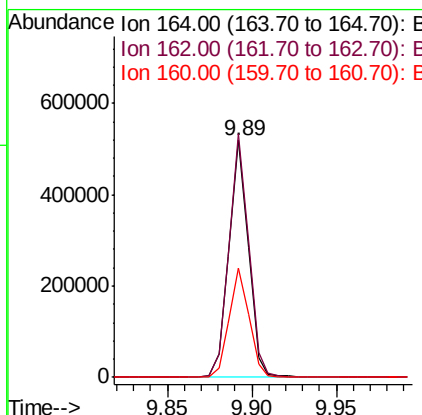
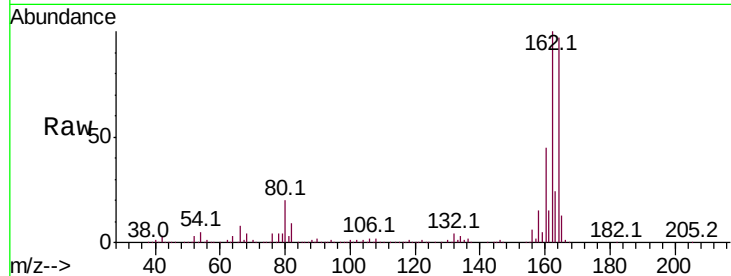
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	46.2	36.2	54.4

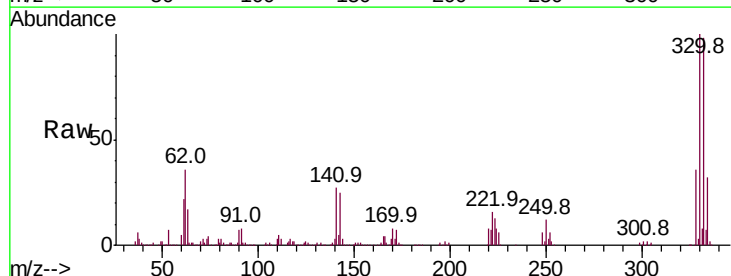
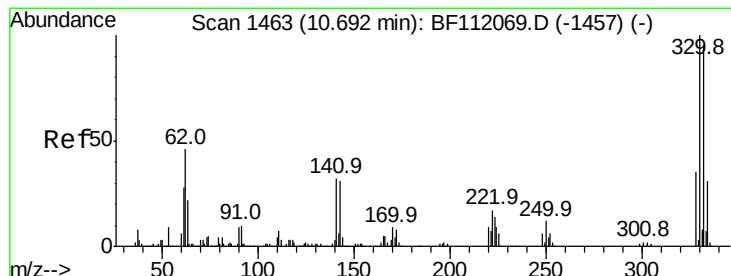
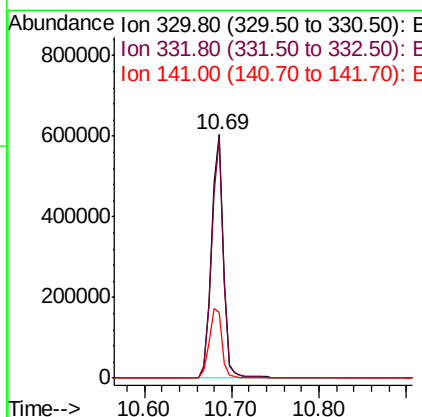
Manual Integrations
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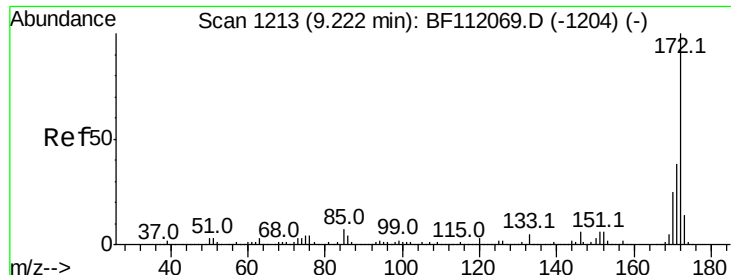
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#42
2,4,6-Tribromophenol
Concen: 128.351 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	30.8	24.3	36.5





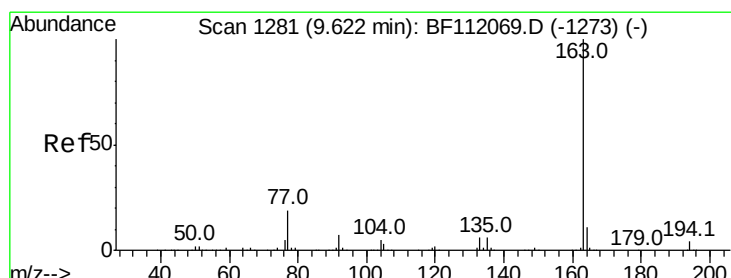
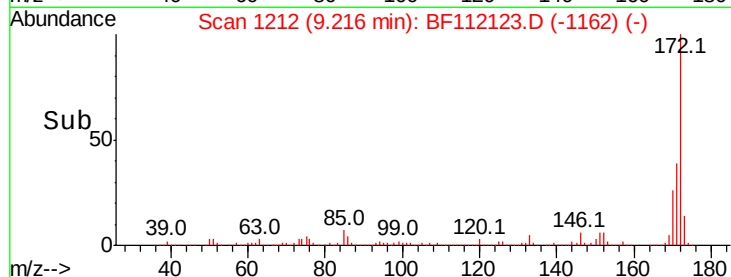
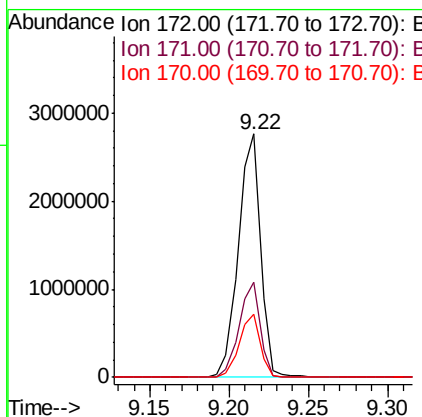
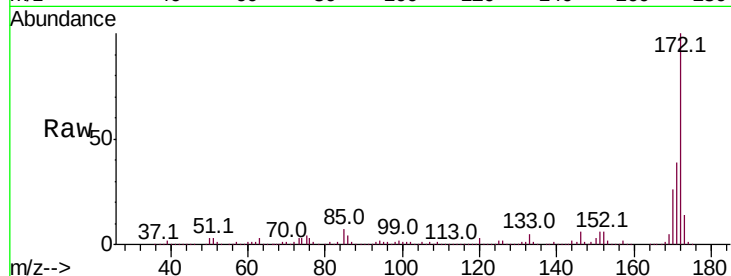
#45
 2-Fluorobiphenyl
 Concen: 94.032 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112123.D
 Acq: 18 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-06-011519

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.9	20.2	30.4

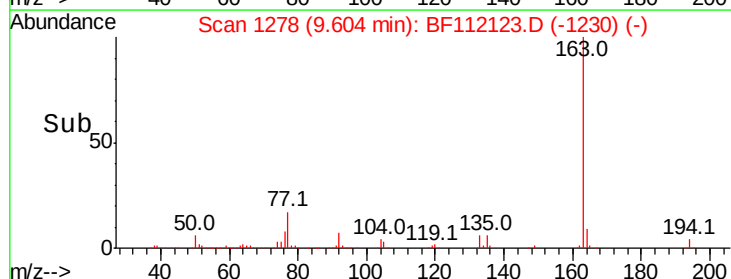
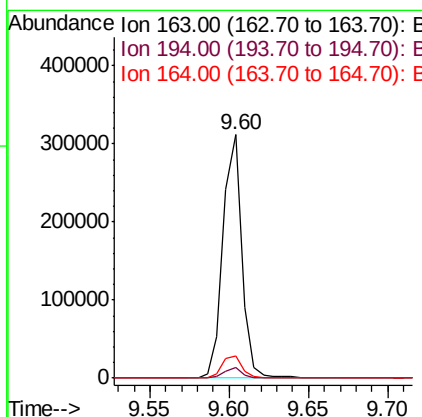
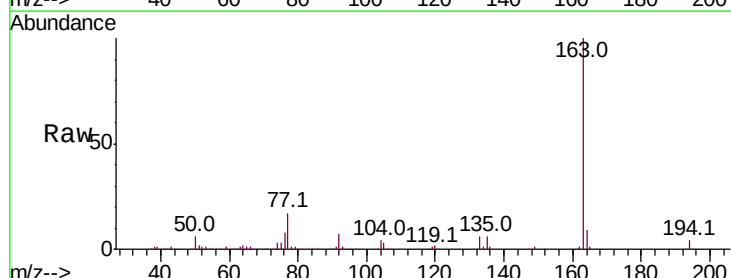
Manual Integrations
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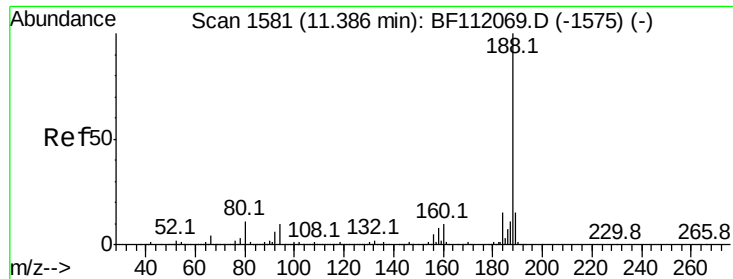
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#50
 Dimethylphthalate
 Concen: 8.481 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF112123.D
 Acq: 18 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.3	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112123.D

Acq: 18 Jan 2019 13:19

Instrument :

BNA_F

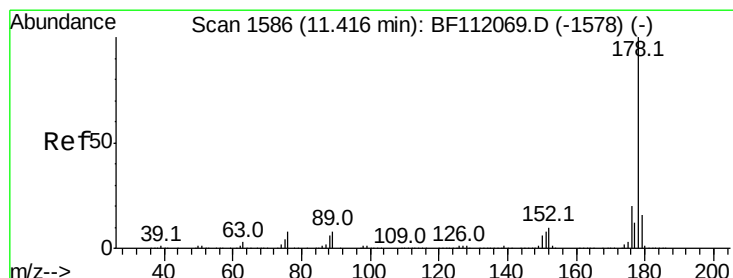
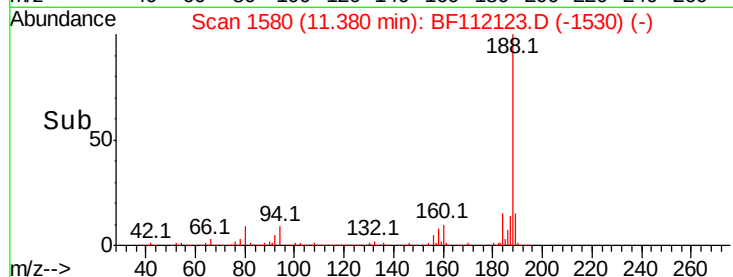
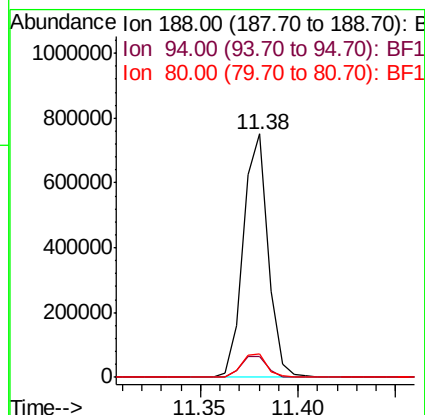
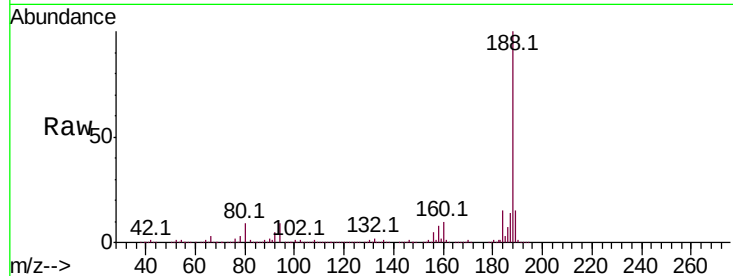
ClientSampleId :

WC-06-011519

Tot Ion:188	Resp: 661747
Ion Ratio	Lower Upper
188 100	
94 8.7	8.2 12.2
80 9.5	8.9 13.3

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#71

Phenanthrene

Concen: 3.411 ng

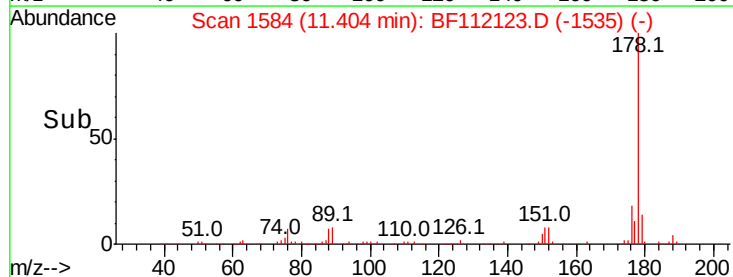
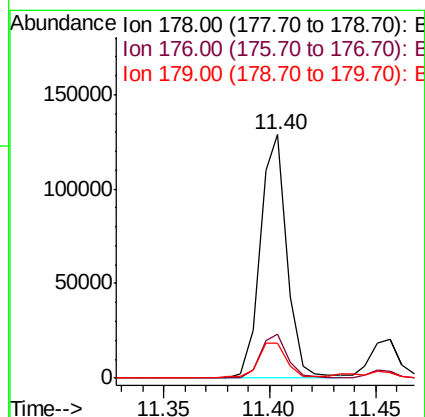
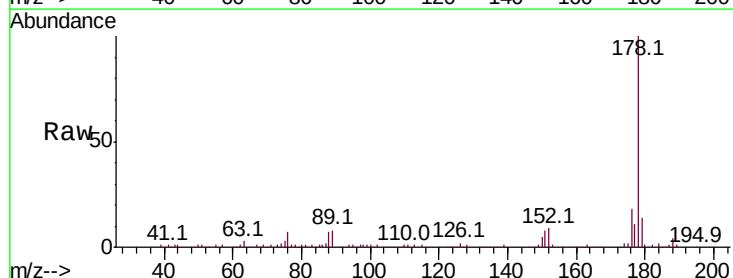
RT: 11.40 min Scan# 1584

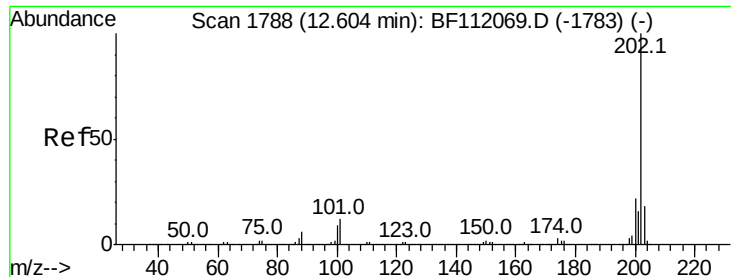
Delta R.T. -0.01 min

Lab File: BF112123.D

Acq: 18 Jan 2019 13:19

Tgt Ion:178	Resp: 113594
Ion Ratio	Lower Upper
178 100	
176 18.3	16.3 24.5
179 14.2	13.0 19.4





#75

Fluoranthene

Concen: 5.450 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112123.D

Acq: 18 Jan 2019 13:19

Instrument :

BNA_F

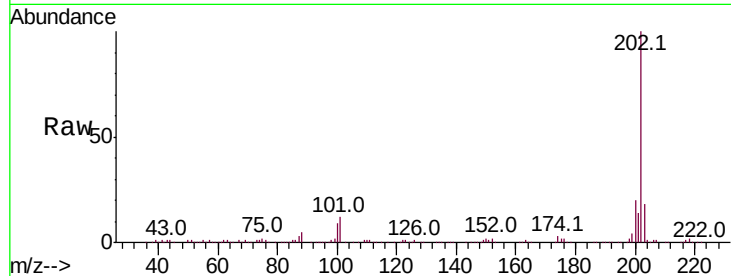
ClientSampleId :

WC-06-011519

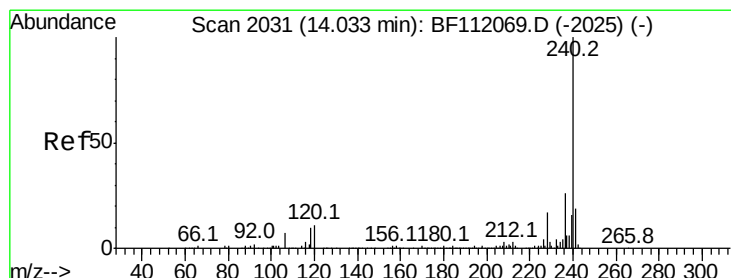
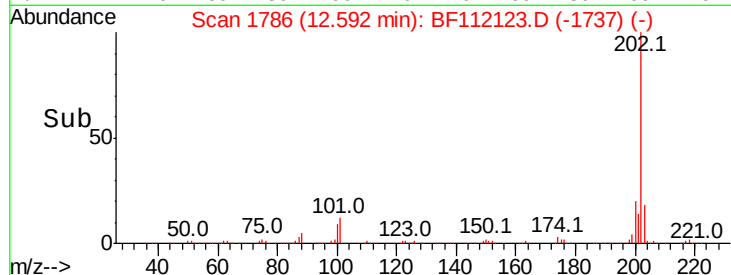
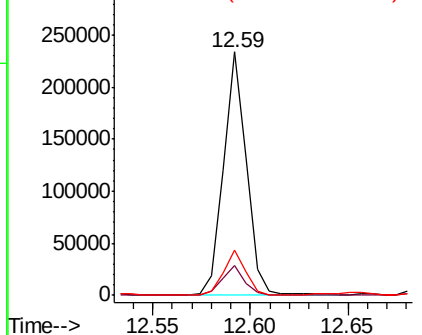
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	31.8
203	18.4	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

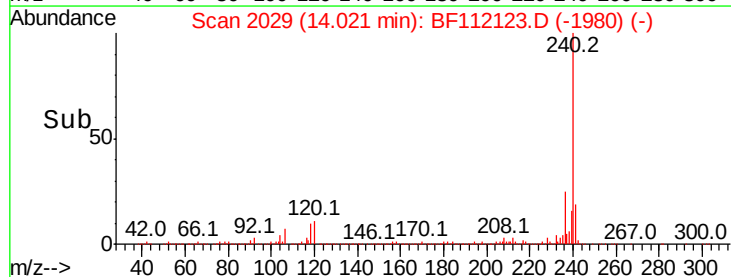
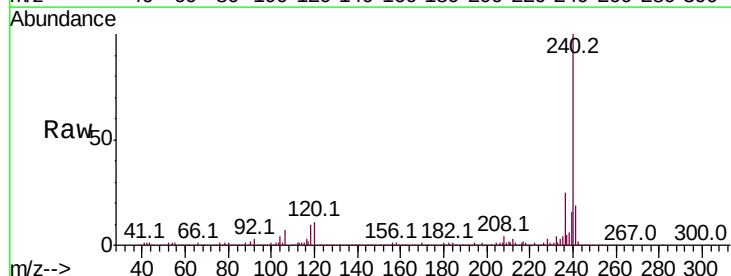
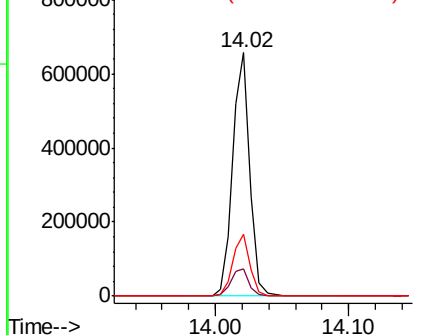
Delta R.T. -0.01 min

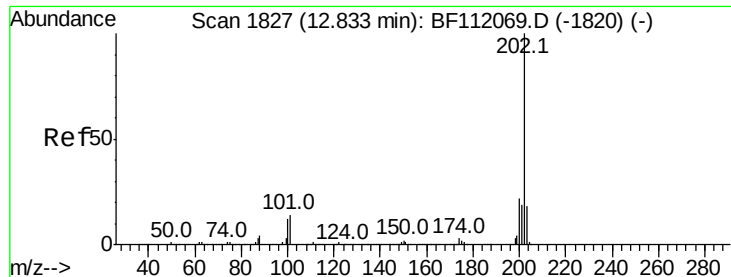
Lab File: BF112123.D

Acq: 18 Jan 2019 13:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	9.0	13.6
236	25.4	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





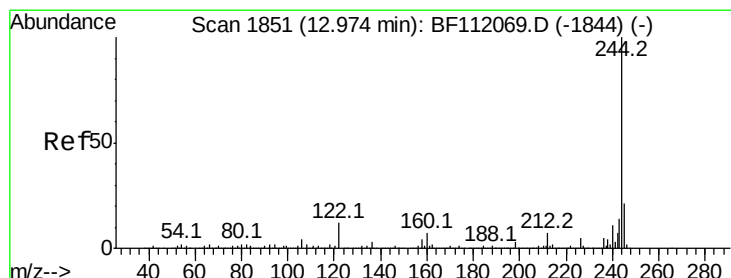
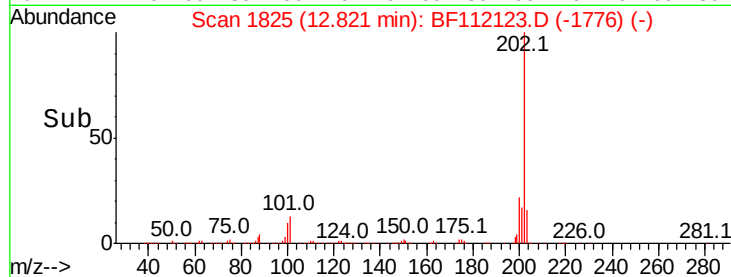
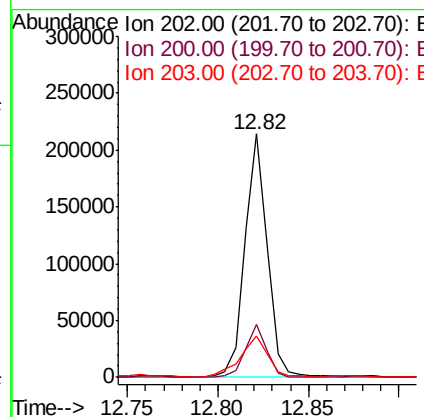
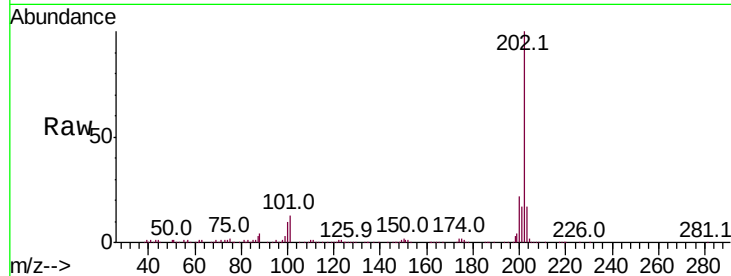
#78
Pvrene
Concen: 4.662 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.7	26.5
203	16.9	14.6	22.0

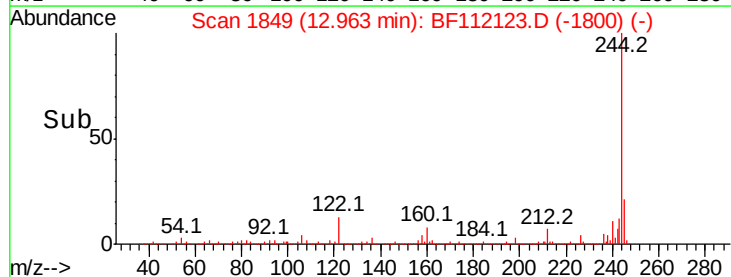
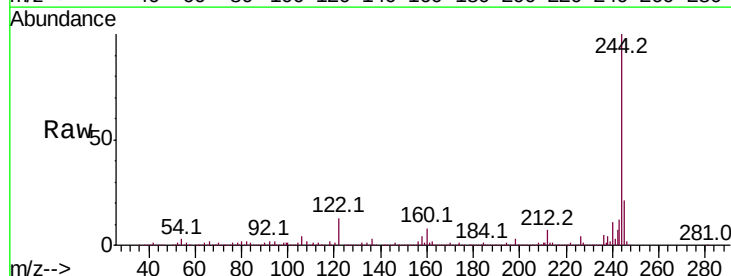
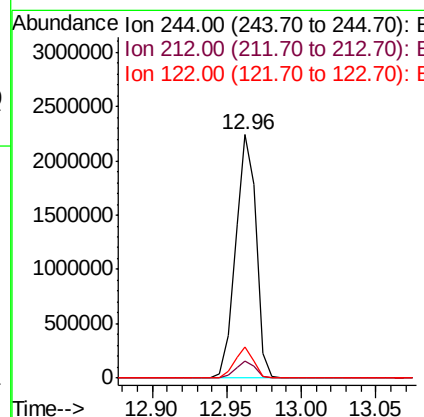
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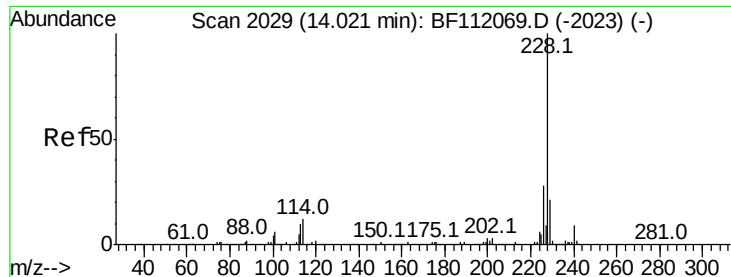
Sohil
1/21/2019 12:00:43 PM



#79
Terphenyl-d14
Concen: 77.885 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.9	9.8	14.6





#81

Benzo(a)anthracene

Concen: 2.959 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112123.D

Acq: 18 Jan 2019 13:19

Instrument :

BNA_F

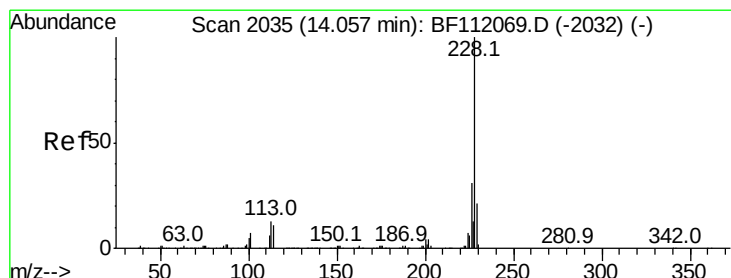
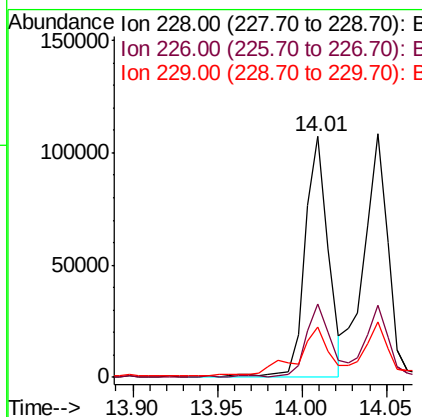
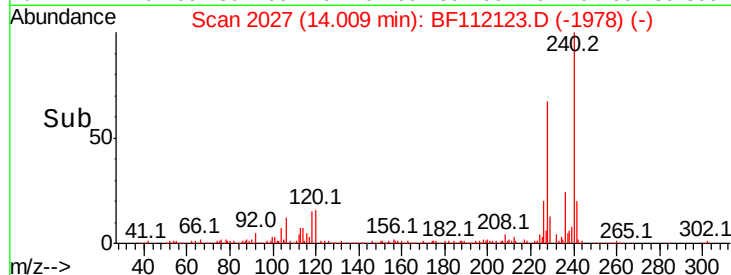
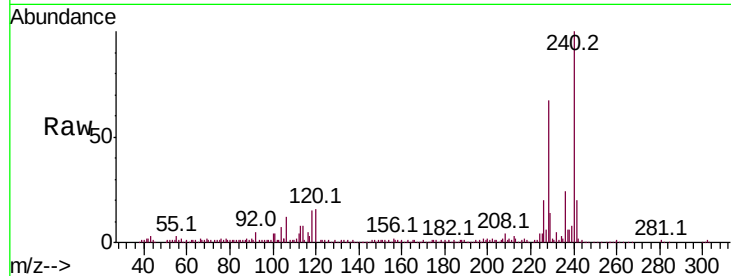
ClientSampled :

WC-06-011519

Tot Ion:	228	Resp:	100280
Ion Ratio	Lower	Upper	
228	100		
226	30.3	22.6	34.0
229	21.0	16.5	24.7

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#83

Chrysene

Concen: 3.371 ng m

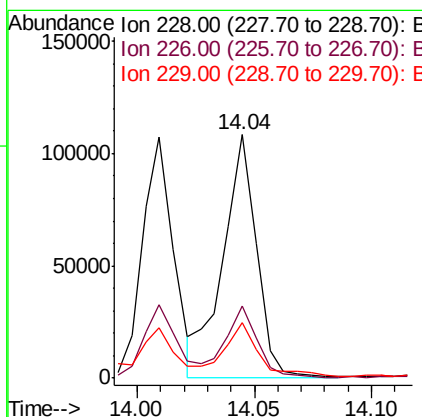
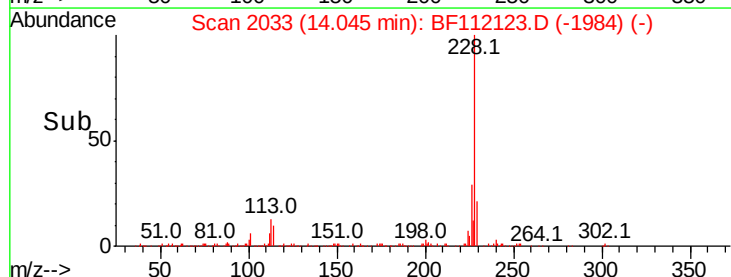
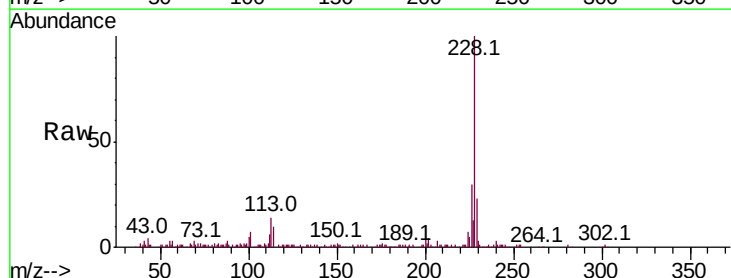
RT: 14.04 min Scan# 2033

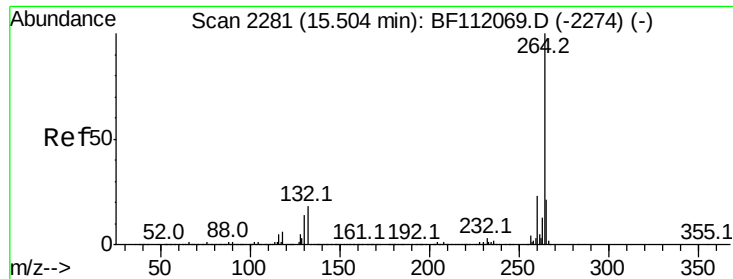
Delta R.T. -0.01 min

Lab File: BF112123.D

Acq: 18 Jan 2019 13:19

Tgt Ion:	228	Resp:	108106
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	22.7	16.6	24.8





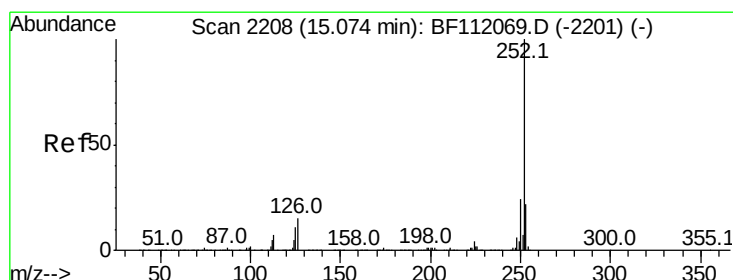
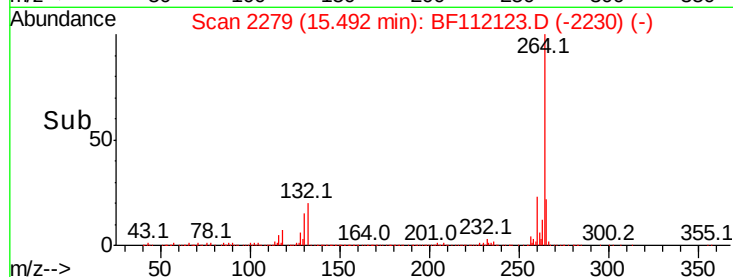
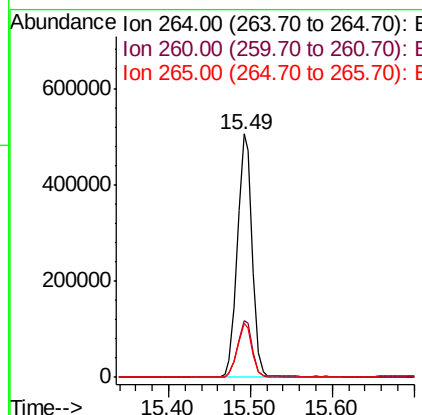
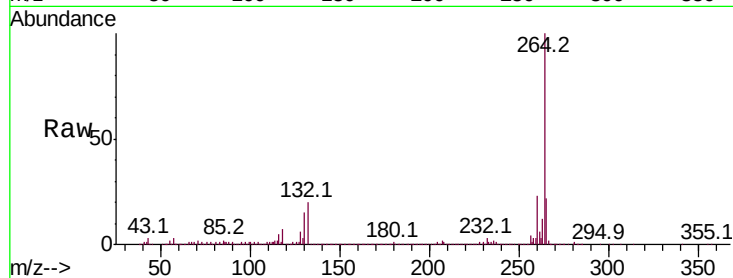
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.4	18.2	27.2	
265	22.4	17.0	25.4	

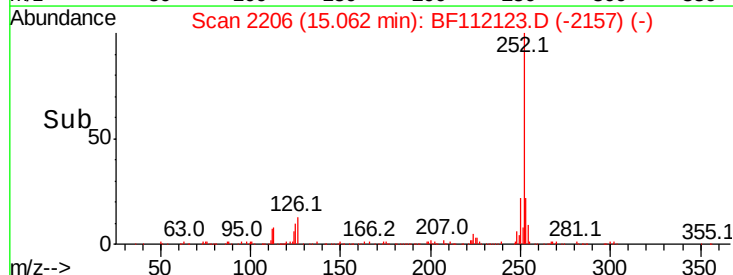
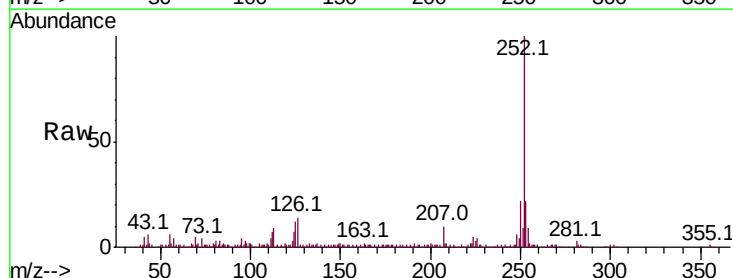
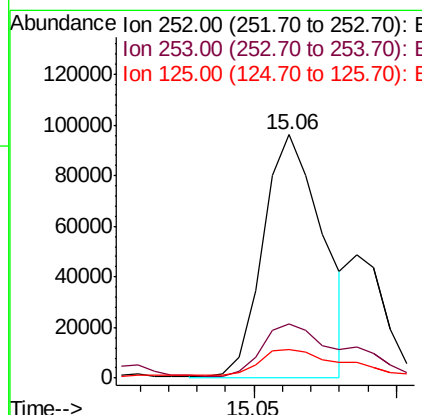
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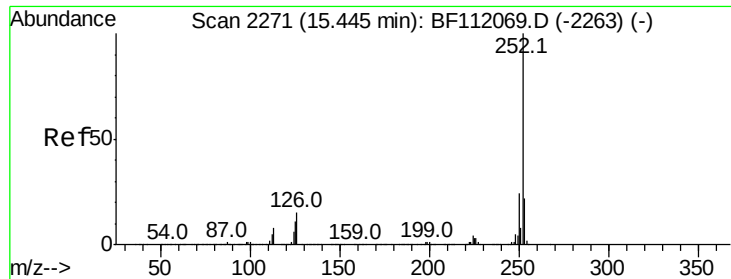
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1/21/2019 12:00:43 PM



#88
Benzo(b)fluoranthene
Concen: 3.892 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.5	18.0	27.0	
125	11.6	8.7	13.1	





#90
Benzo(a)pyrene
Concen: 2.862 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.2	9.0	13.4

Manual Integrations
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1/21/2019 12:00:43 PM

