

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112118.D
 Acq On : 18 Jan 2019 11:03
 Operator : JU/SJ
 Sample : K1157-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-03-011519

Manual Integrations
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Sohil
 1/21/2019 12:00:36 PM

Quant Time: Jan 18 12:27:37 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	296713	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1128384	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	548554	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	957534	20.00	ng	0.00
76) Chrysene-d12	14.02	240	645938	20.00	ng	-0.01
87) Perylene-d12	15.49	264	688583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1444603	88.37	ng	0.00
7) Phenol-d6	6.50	99	1821343	89.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	1133233	69.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	522706	88.33	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2120590	56.68	ng	-0.01
79) Terphenyl-d14	12.96	244	1697414	55.90	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	107804	4.823	ng	86
50) Dimethylphthalate	9.60	163	198117	4.952	ng	99
71) Phenanthrene	11.40	178	793552	16.468	ng	98
72) Anthracene	11.45	178	194196	3.978	ng	99
75) Fluoranthene	12.59	202	619406	12.174	ng	99
78) Pyrene	12.82	202	501231	11.761	ng	98
81) Benzo(a)anthracene	14.01	228	265308	7.163	ng	99
83) Chrysene	14.04	228	218402	6.232	ng	96
86) Indeno(1,2,3-cd)pyrene	16.97	276	78756	2.436	ng	96
88) Benzo(b)fluoranthene	15.06	252	247382m	6.329	ng	
89) Benzo(k)fluoranthene	15.09	252	88536m	2.340	ng	
90) Benzo(a)pyrene	15.43	252	172964	4.825	ng	98
92) Benzo(a,h,i)perylene	17.41	276	63725	2.032	ng	97

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

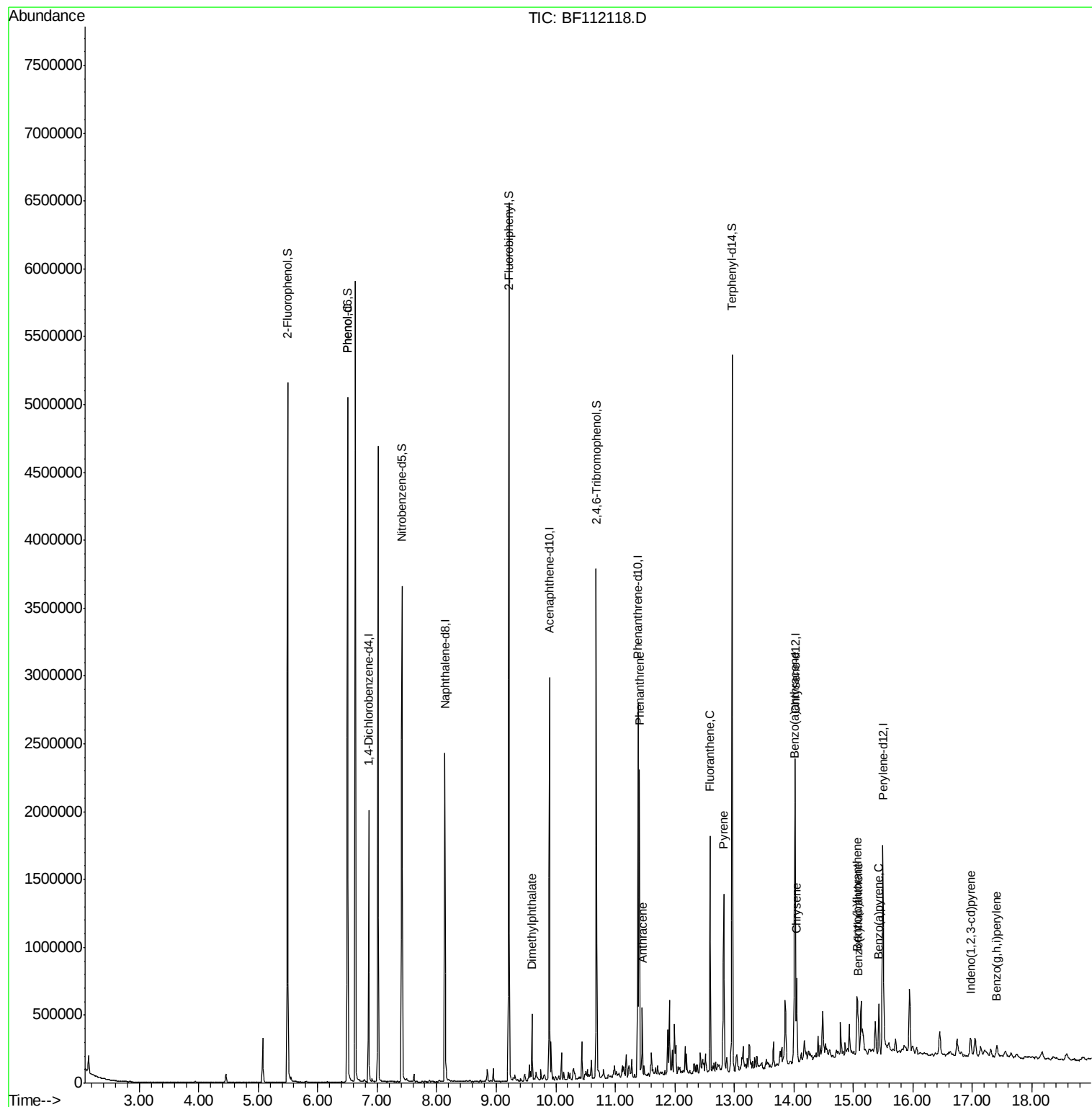
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112118.D
Acq On : 18 Jan 2019 11:03
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Sample : K1157-05
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ALS Vial : 6 Sample Multiplier: 1

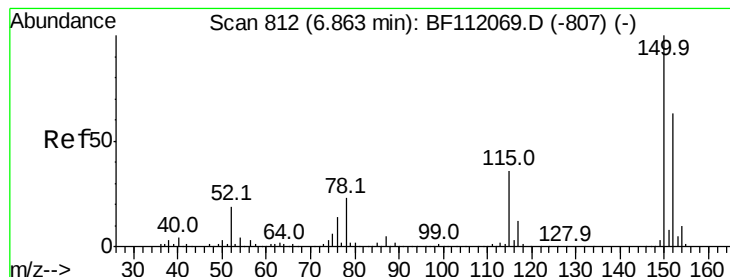
Instrument :
BNA_F
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WC-03-011519

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

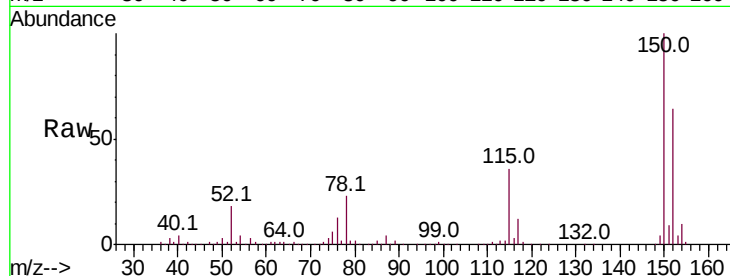
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	55.3	45.5	68.3

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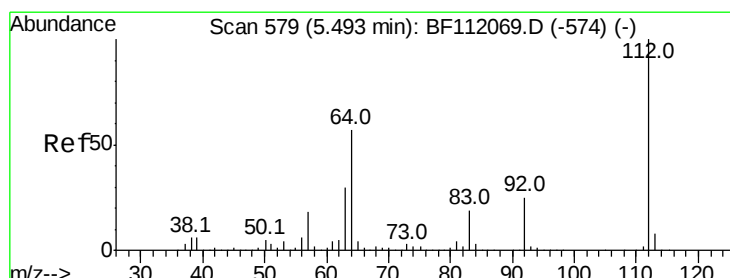
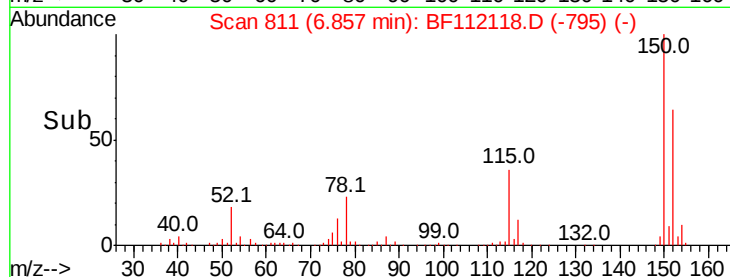
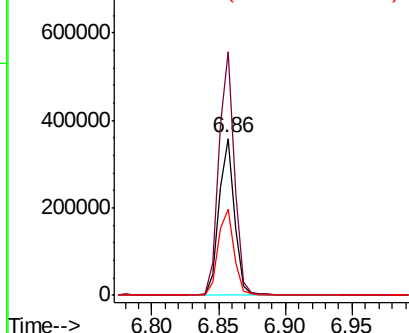


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

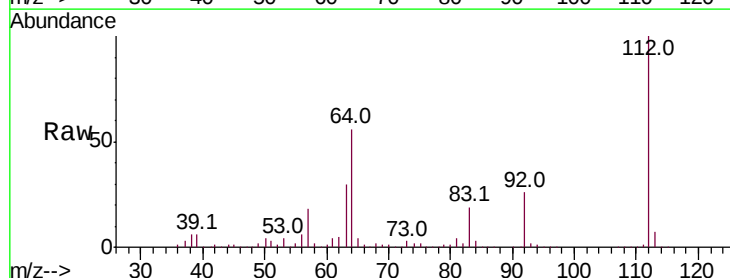
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.369 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	30.3	23.6	35.4

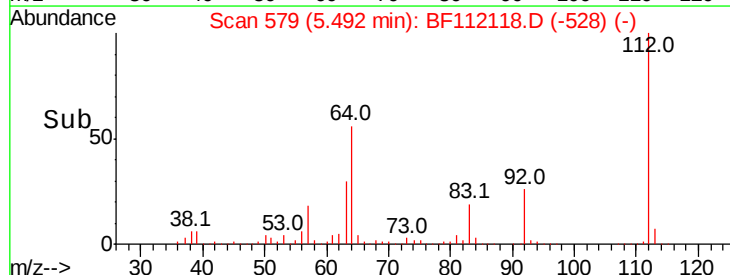
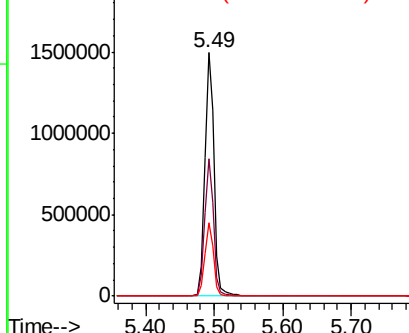


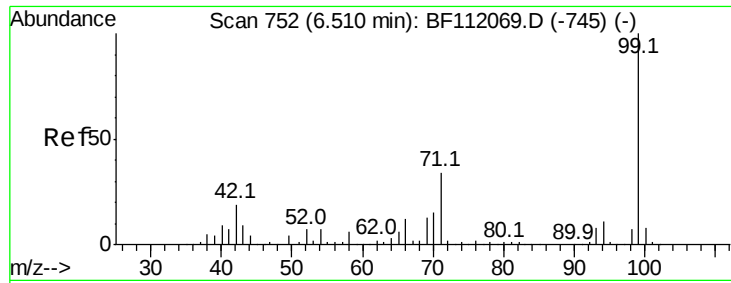
Abundance

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: 89.049 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112118.D

Acq: 18 Jan 2019 11:03

Instrument :

BNA_F

ClientSampleId :

WC-03-011519

Tot Ion: 99 Resp: 1821343

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

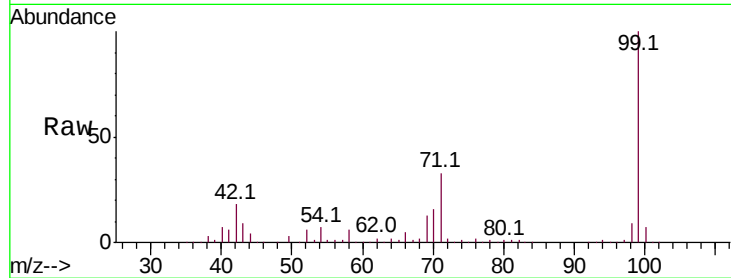
71 33.2 26.9 40.3

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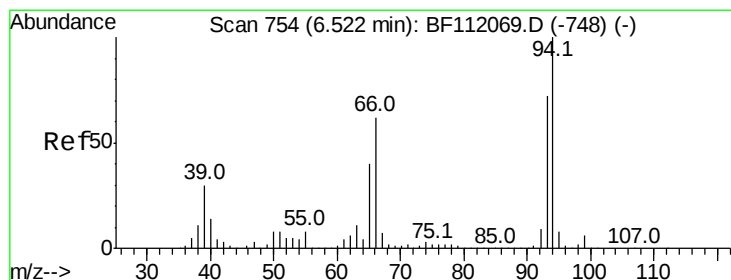
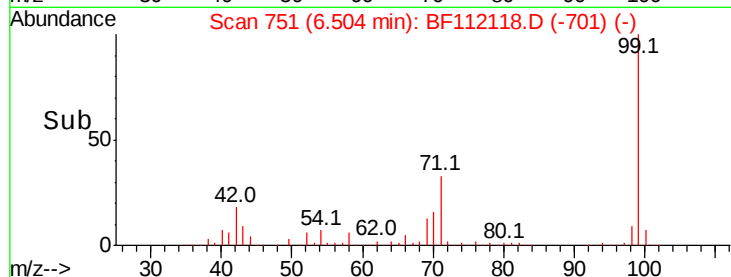
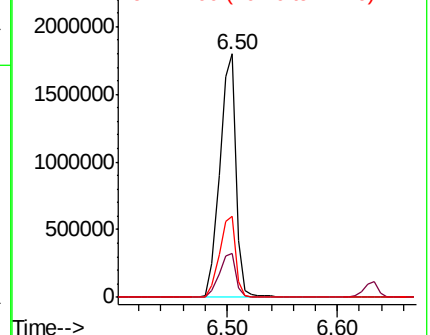
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.823 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112118.D

Acq: 18 Jan 2019 11:03

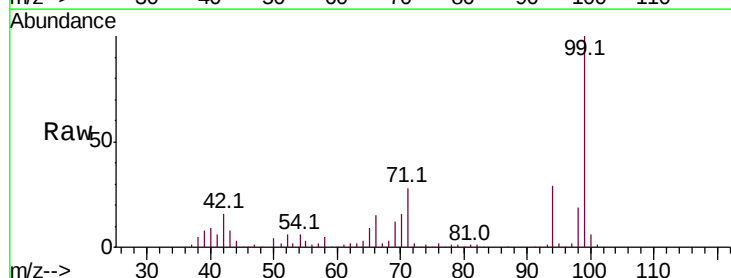
Tgt Ion: 94 Resp: 107804

Ion Ratio Lower Upper

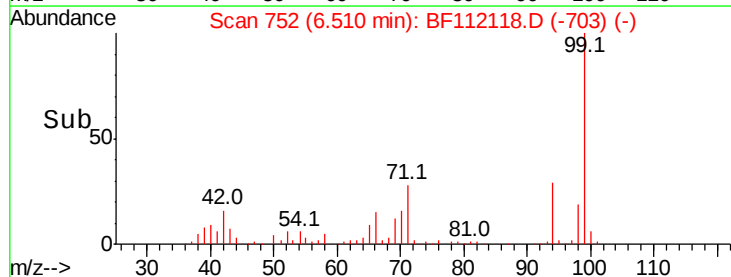
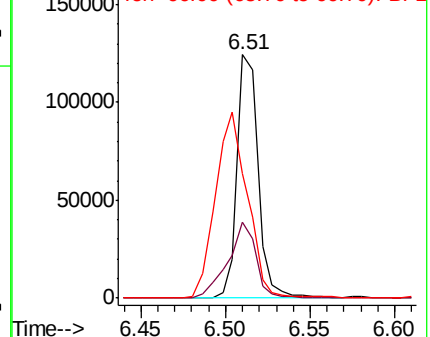
94 100

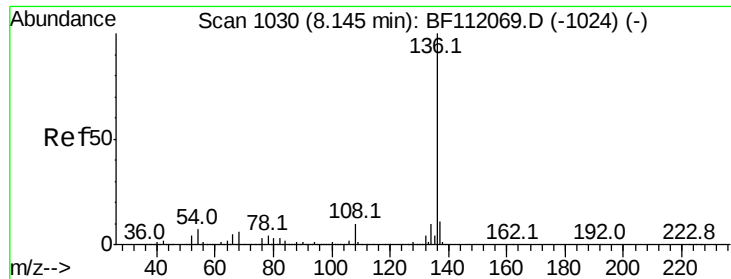
65 31.4 20.3 60.3

66 51.4 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





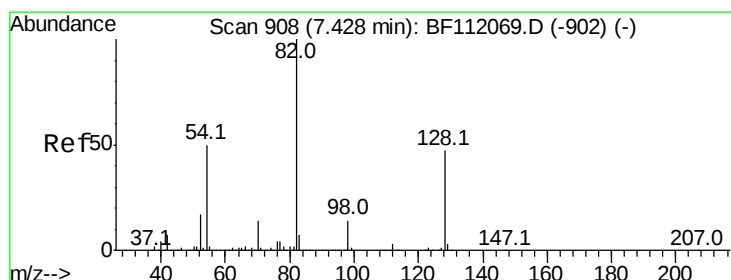
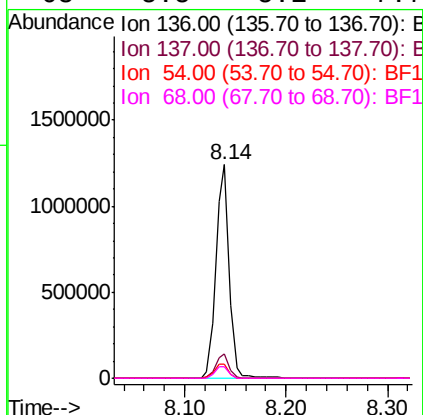
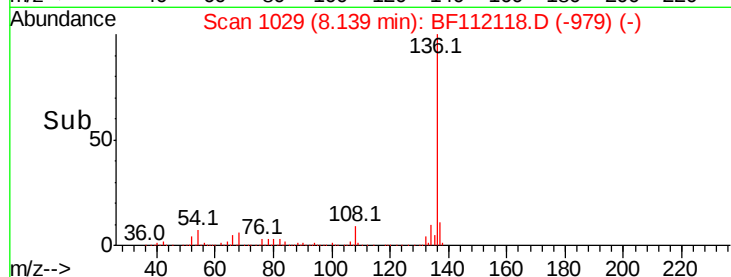
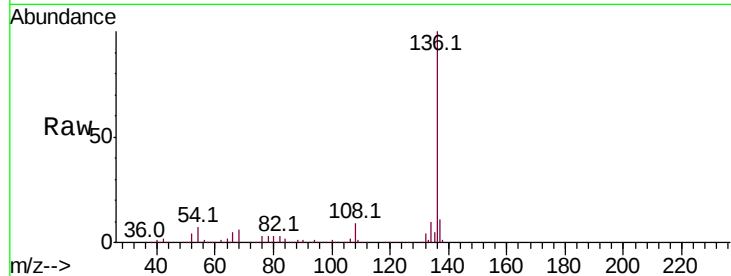
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tot Ion	136	Resp	1128384
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.5	5.9	8.9
68	5.5	5.1	7.7

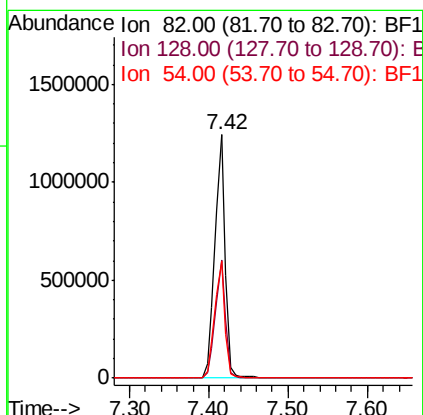
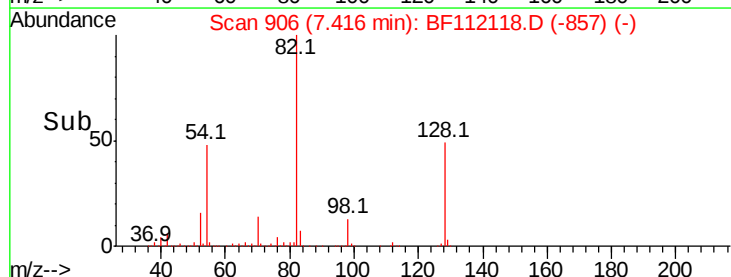
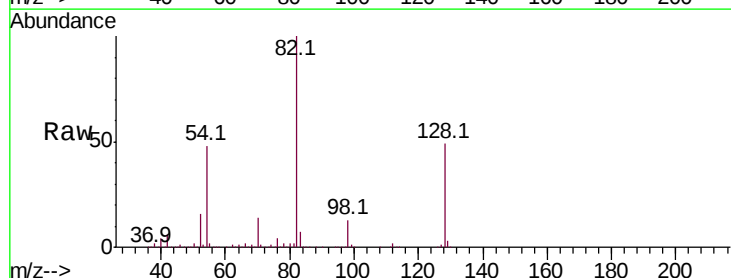
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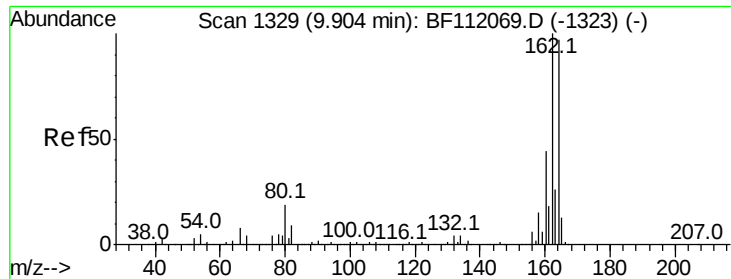
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#23
Nitrobenzene-d5
Concen: 69.386 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion	82	Resp	1133233
Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.8	56.8
54	48.1	39.7	59.5





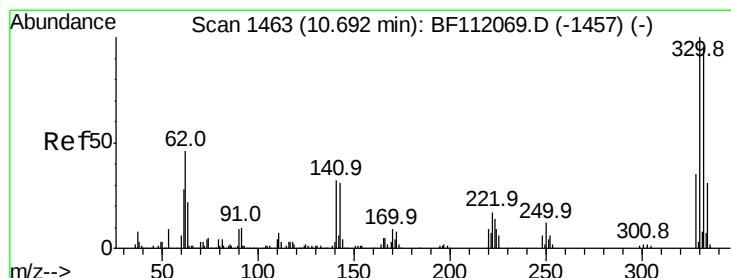
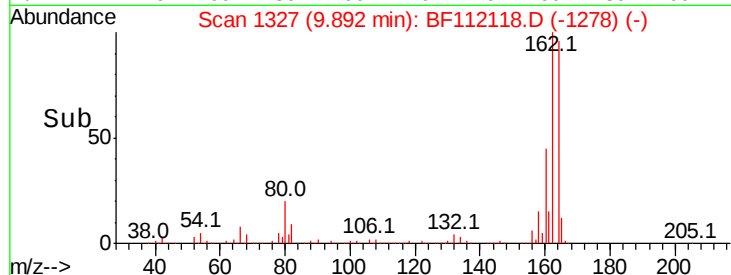
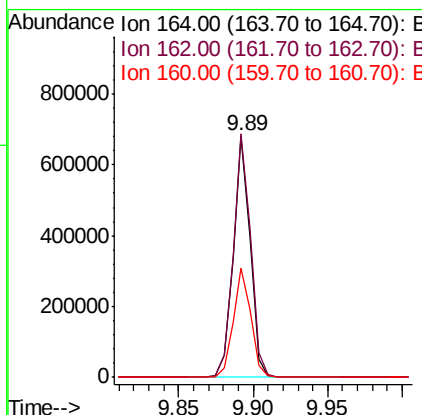
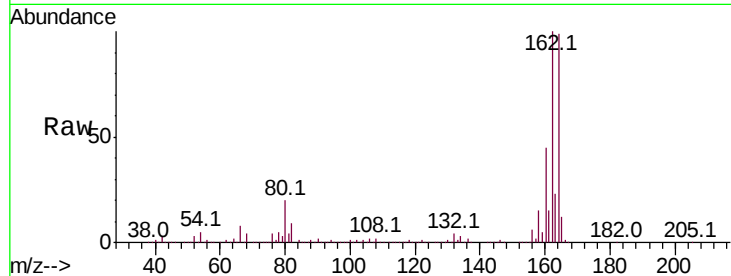
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tot Ion	Ratio	Resp	Lower	Upper
164	100	548554		
162	100.9	82.2	123.4	
160	45.2	36.2	54.4	

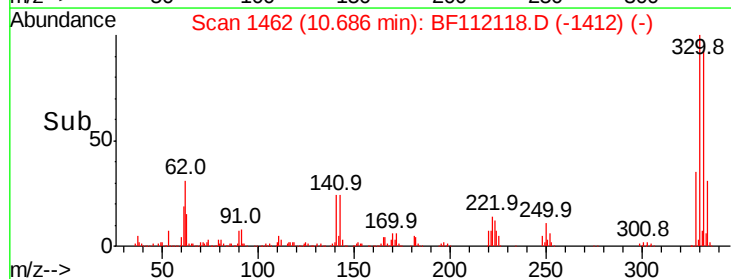
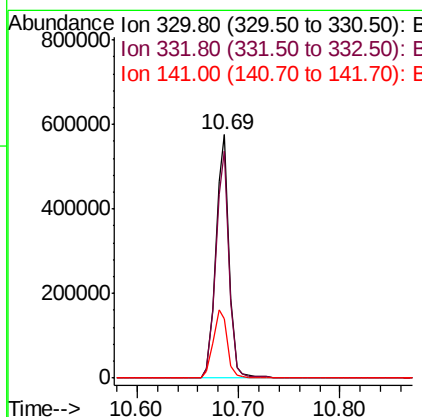
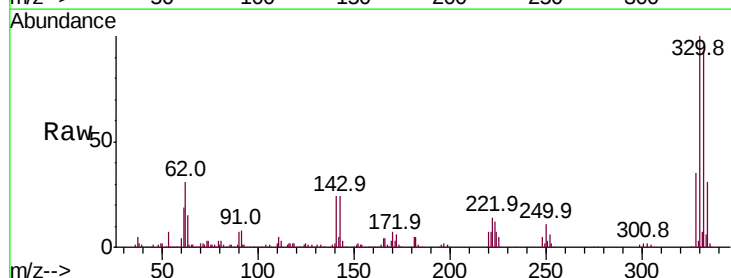
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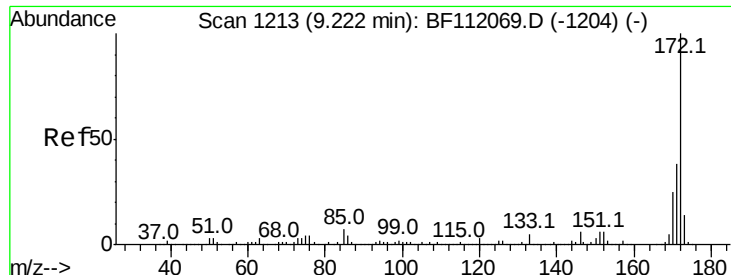
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#42
2,4,6-Tribromophenol
Concen: 88.329 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	522706		
332	94.5	76.6	114.8	
141	30.5	24.3	36.5	





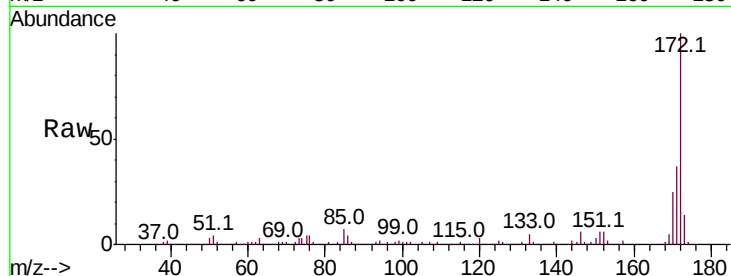
#45
2-Fluorobiphenyl
Concen: 56.677 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.8	20.2	30.4

Manual Integrations
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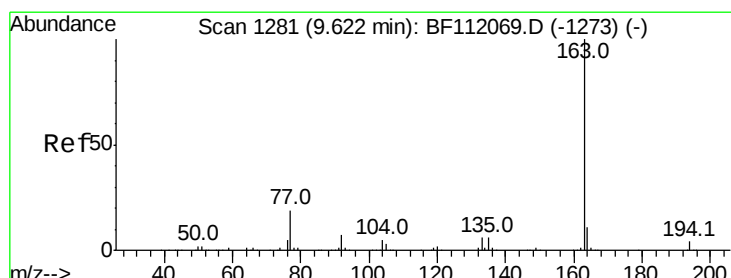
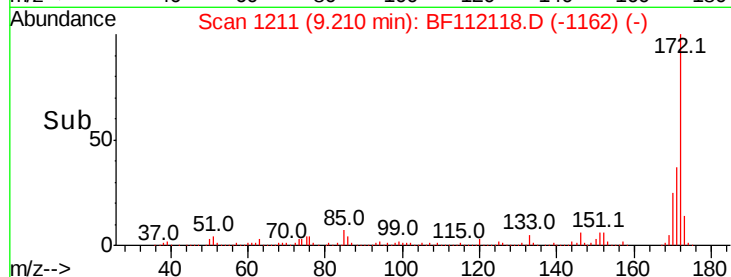
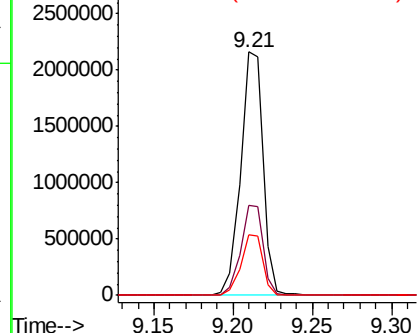


Abundance

Ion 172.00 (171.70 to 172.70): E

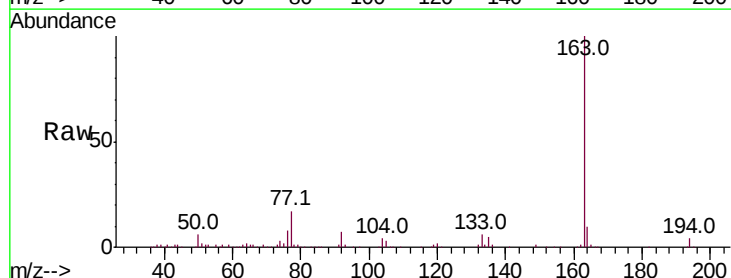
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.952 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.5	12.7

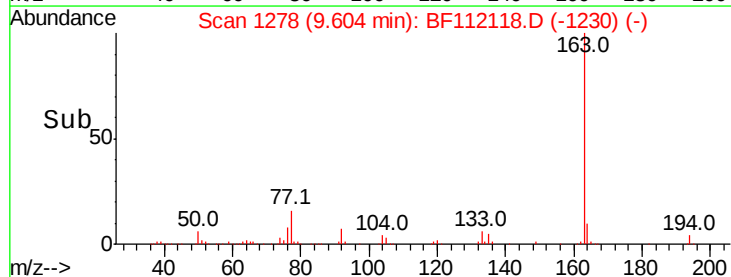
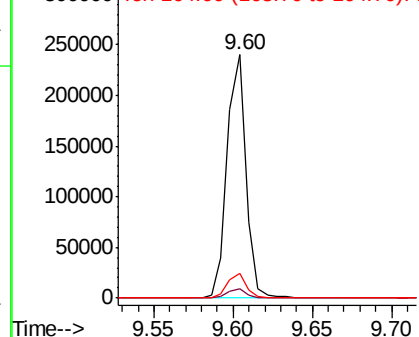


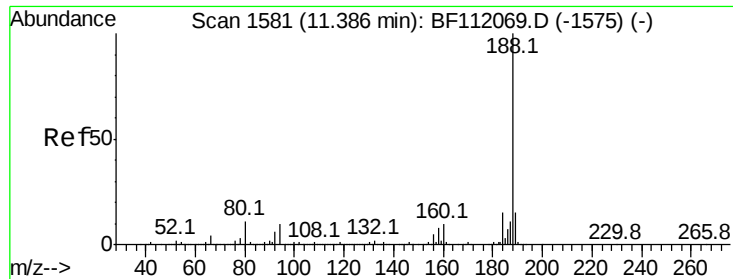
Abundance

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





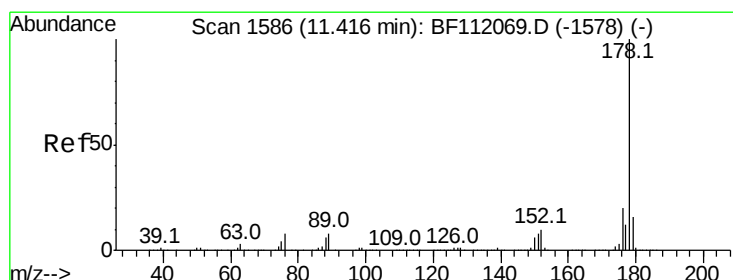
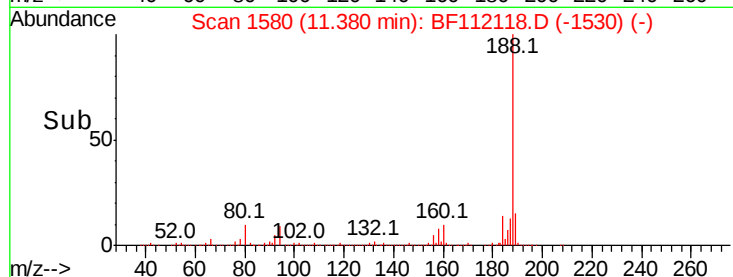
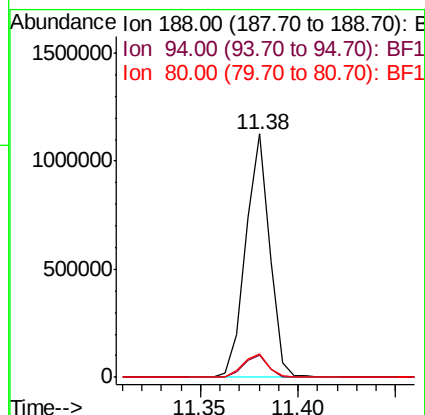
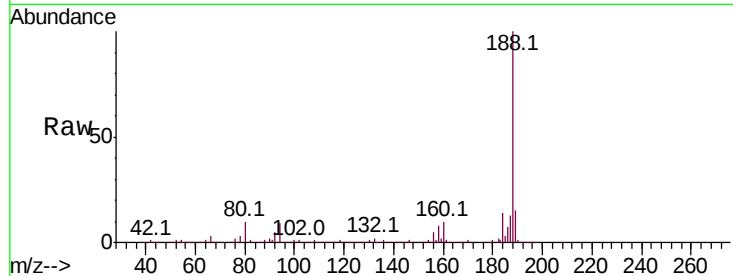
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.7	8.9	13.3

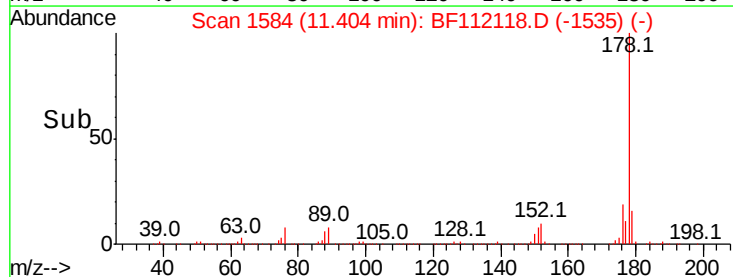
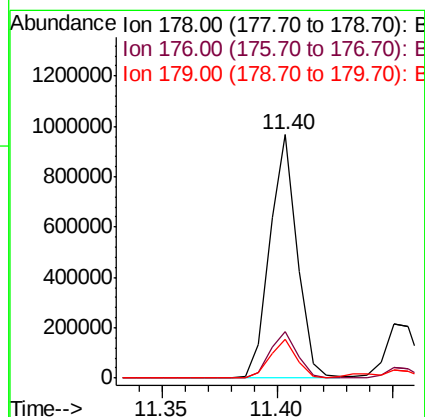
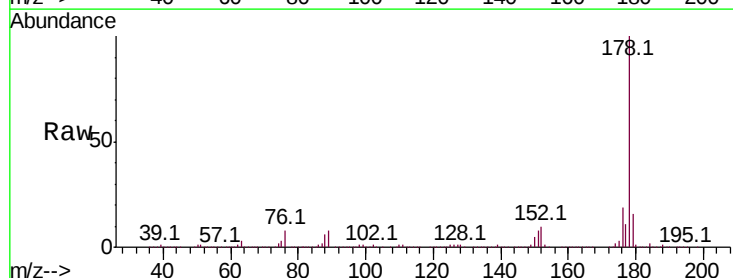
Manual Integrations
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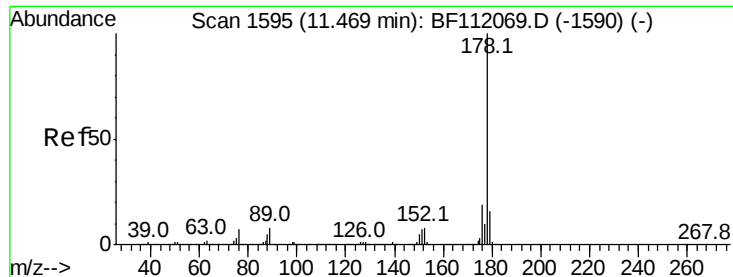
Sohil
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#71
Phenanthrene
Concen: 16.468 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	16.3	24.5
179	16.0	13.0	19.4





#72

Anthracene

Concen: 3.978 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BF112118.D

Acq: 18 Jan 2019 11:03

Instrument :

BNA_F

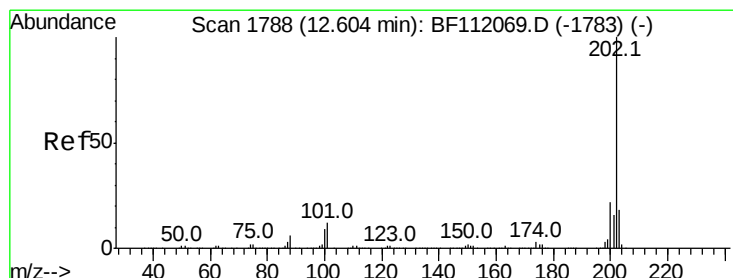
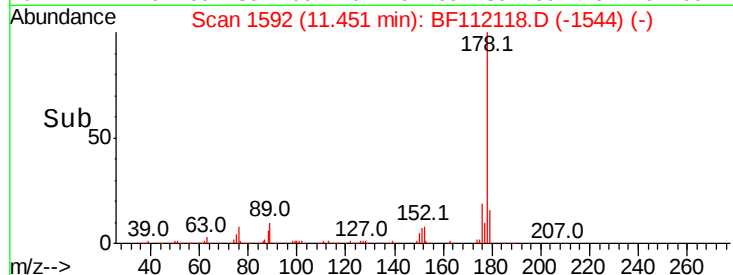
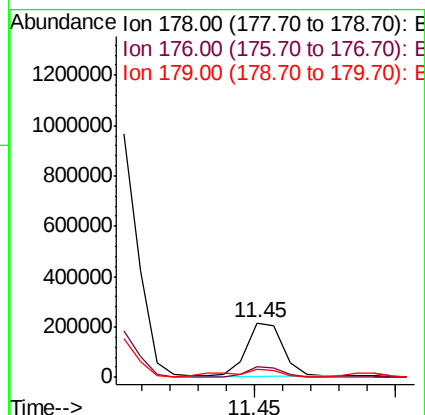
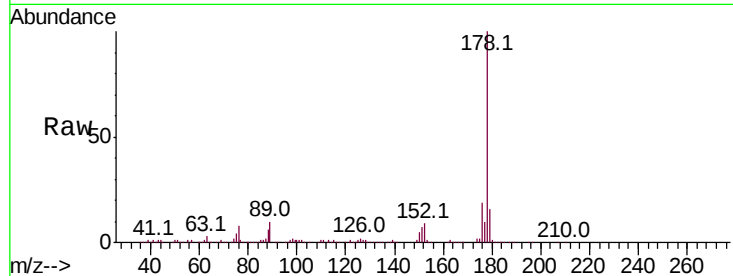
ClientSampleId :

WC-03-011519

Tot Ion:	178	Resp:	194196
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	15.7	12.8	19.2

Manual Integrations
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#75

Fluoranthene

Concen: 12.174 ng

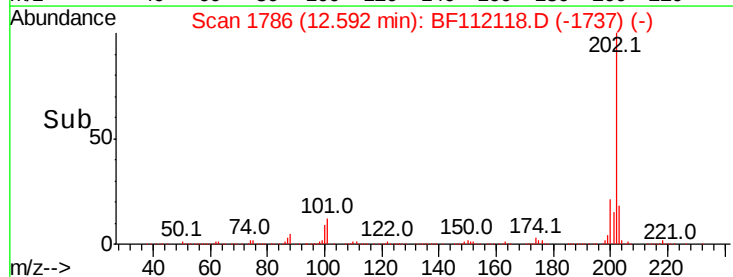
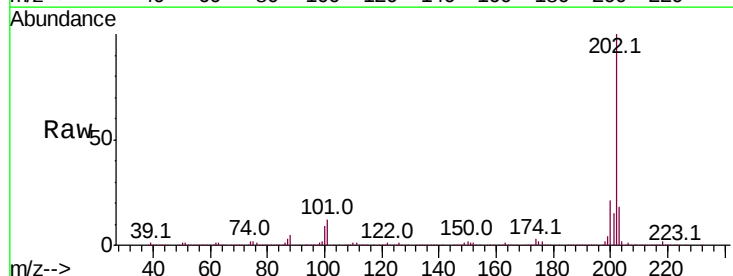
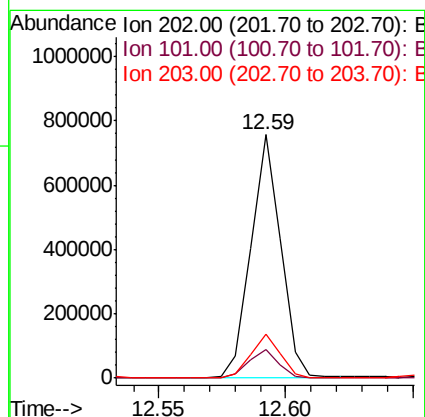
RT: 12.59 min Scan# 1786

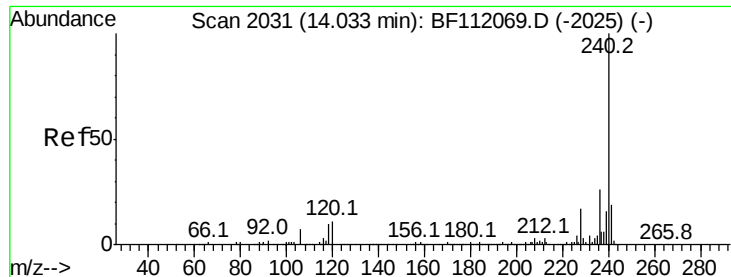
Delta R.T. -0.01 min

Lab File: BF112118.D

Acq: 18 Jan 2019 11:03

Tgt Ion:	202	Resp:	619406
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.8
203	17.8	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112118.D

Acq: 18 Jan 2019 11:03

Instrument :

BNA_F

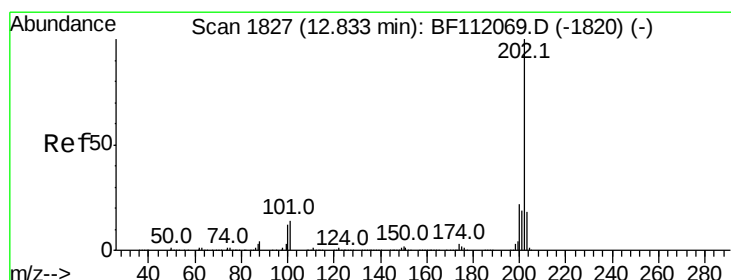
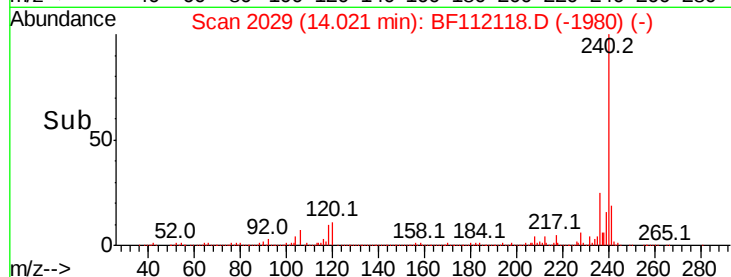
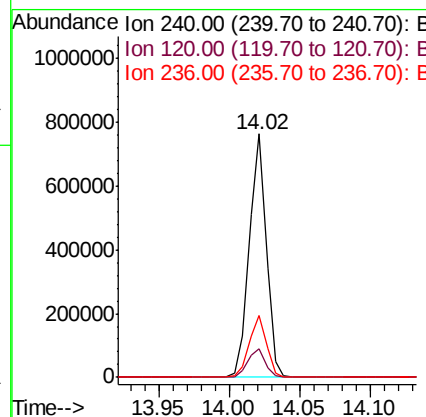
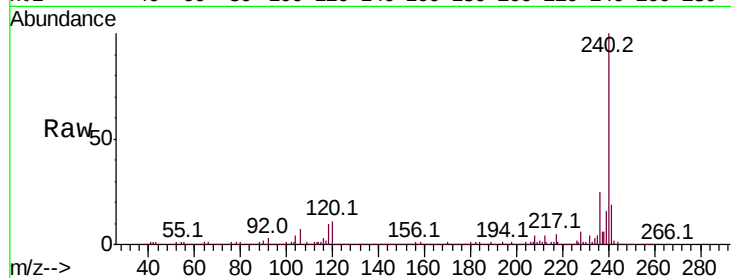
ClientSampleId :

WC-03-011519

Tot Ion:	240	Resp:	645938
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.0	13.6
236	25.3	20.7	31.1

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#78

Pyrene

Concen: 11.761 ng

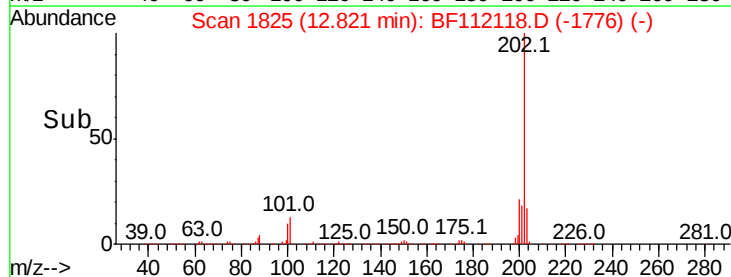
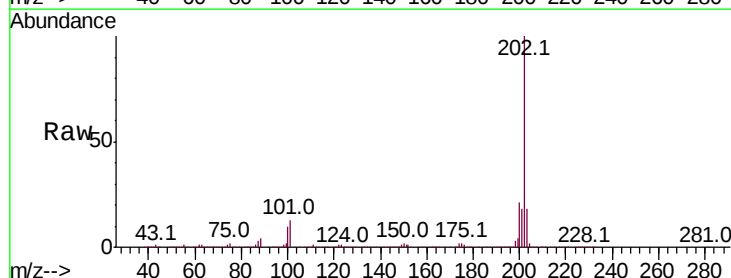
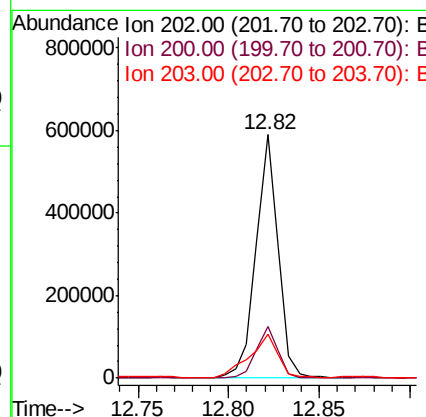
RT: 12.82 min Scan# 1825

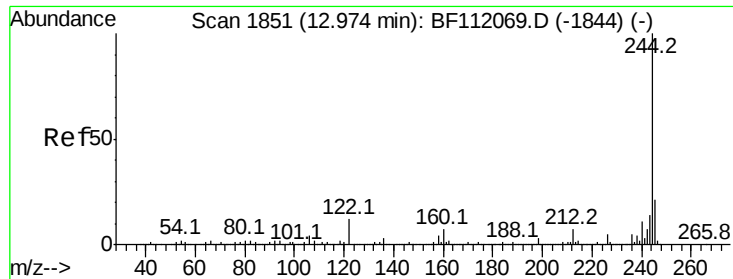
Delta R.T. -0.01 min

Lab File: BF112118.D

Acq: 18 Jan 2019 11:03

Tgt Ion:	202	Resp:	501231
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	17.9	14.6	22.0





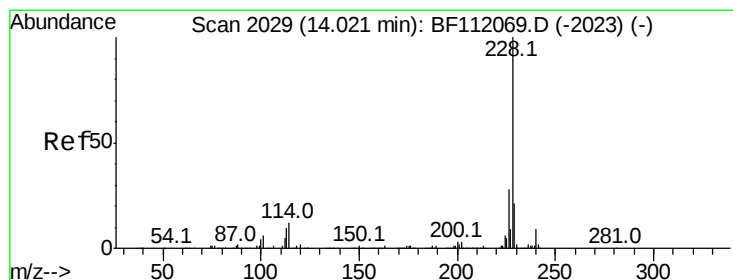
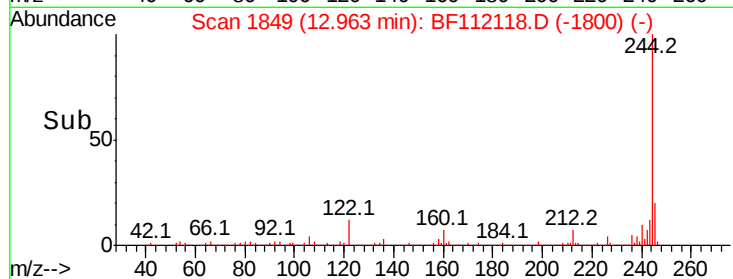
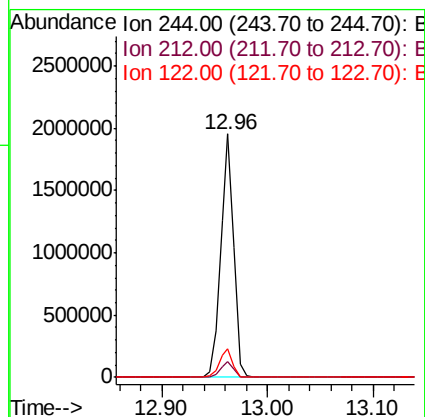
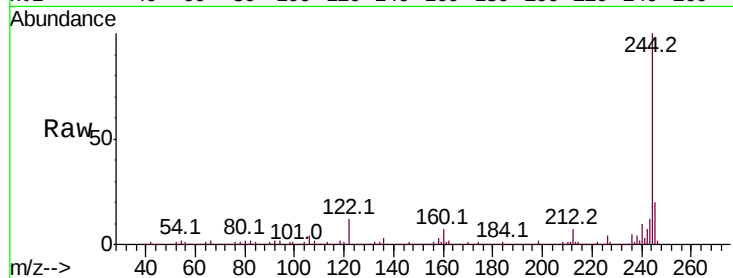
#79
 Terphenyl-d14
 Concen: 55.904 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112118.D
 Acq: 18 Jan 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-03-011519

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	11.7	9.8	14.6

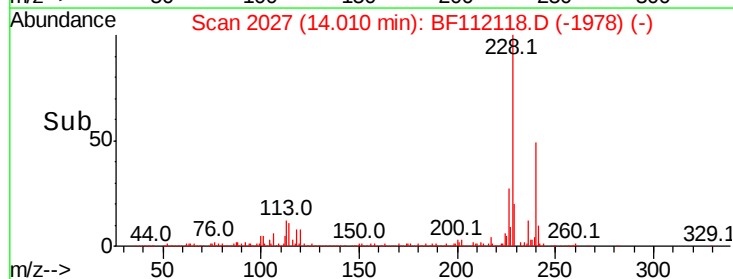
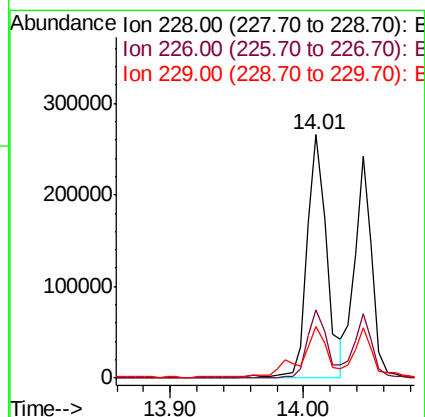
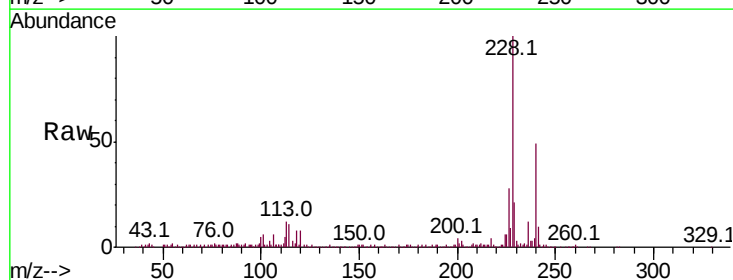
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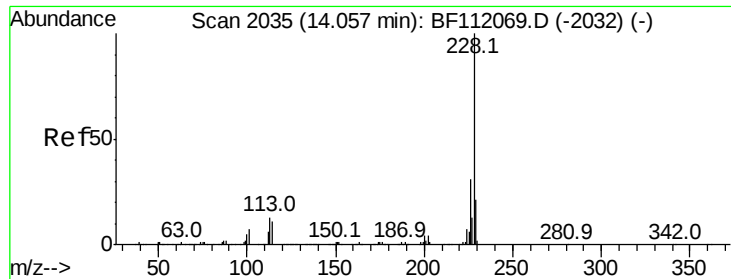
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#81
 Benzo(a)anthracene
 Concen: 7.163 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF112118.D
 Acq: 18 Jan 2019 11:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	21.1	16.5	24.7





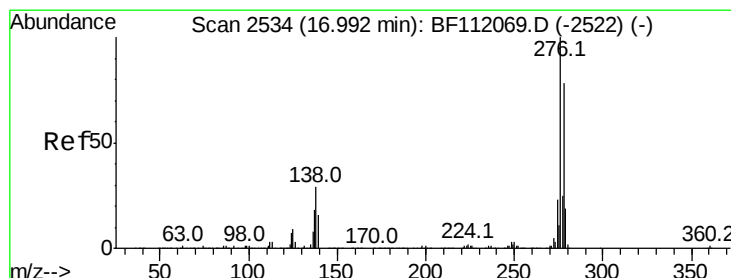
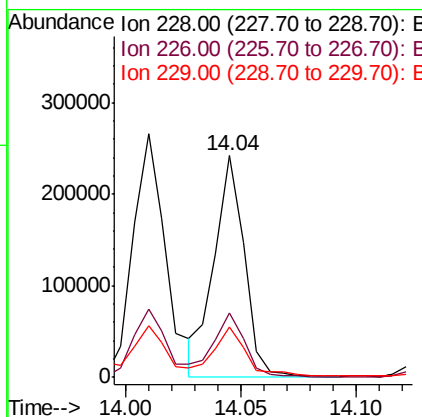
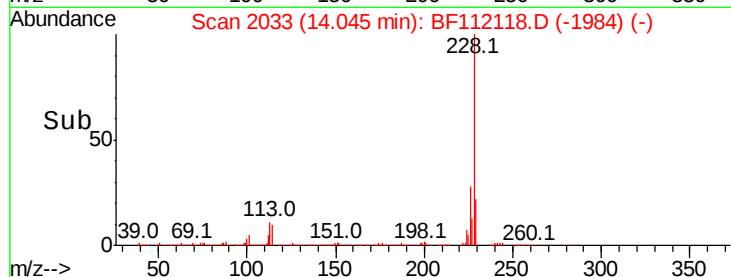
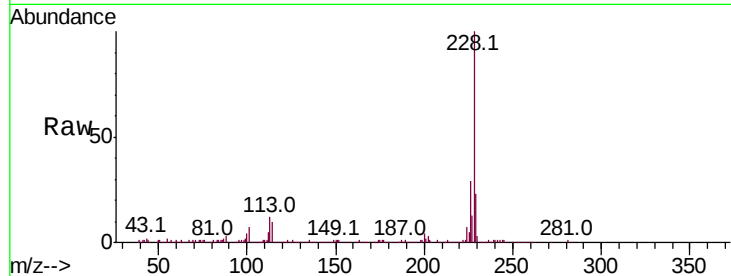
#83
Chrysene
Concen: 6.232 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tot Ion:	228	Resp:	218402
Ion Ratio	Lower	Upper	
228	100		
226	28.8	25.0	37.6
229	22.7	16.6	24.8

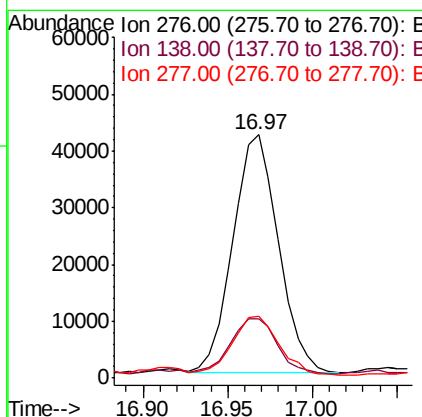
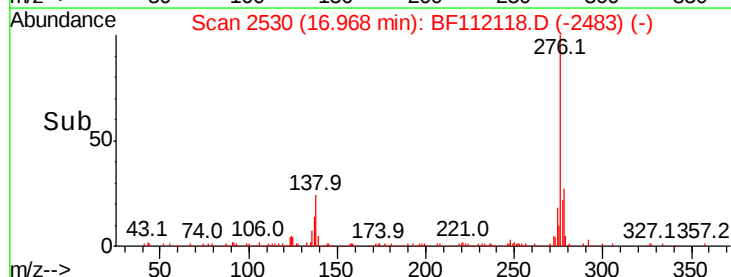
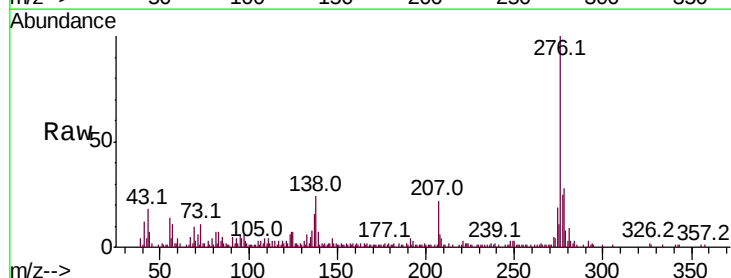
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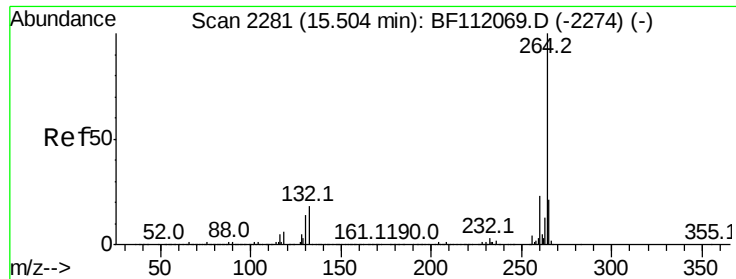
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.436 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:	276	Resp:	78756
Ion Ratio	Lower	Upper	
276	100		
138	24.1	22.6	34.0
277	25.7	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112118.D

Acq: 18 Jan 2019 11:03

Instrument :

BNA_F

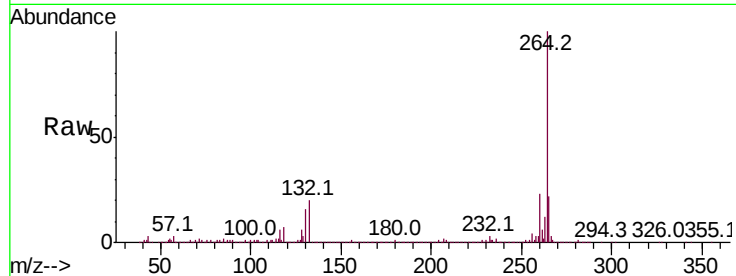
ClientSampleId :

WC-03-011519

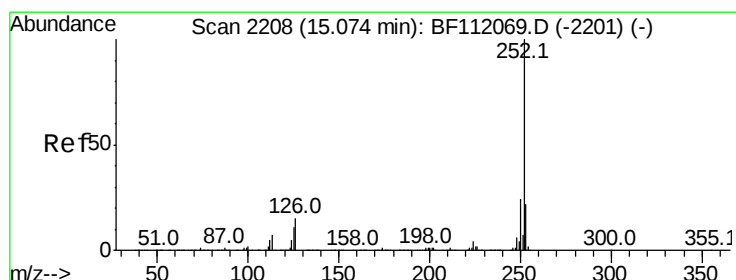
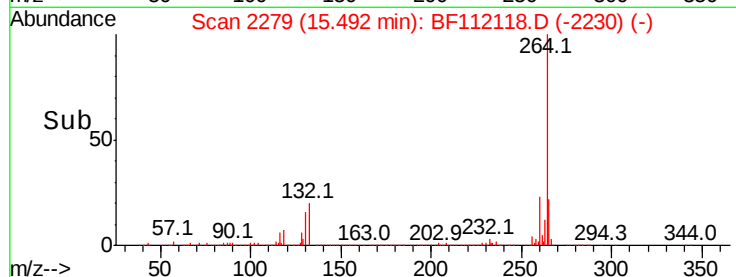
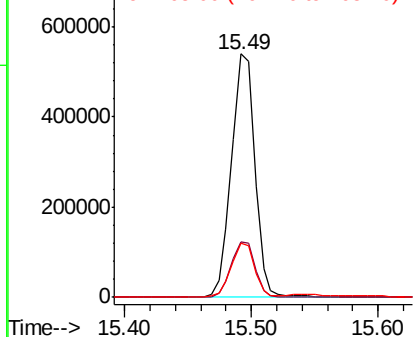
Tot Ion:	264	Resp:	688583
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.2
265	22.4	17.0	25.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 6.329 ng m

RT: 15.06 min Scan# 2206

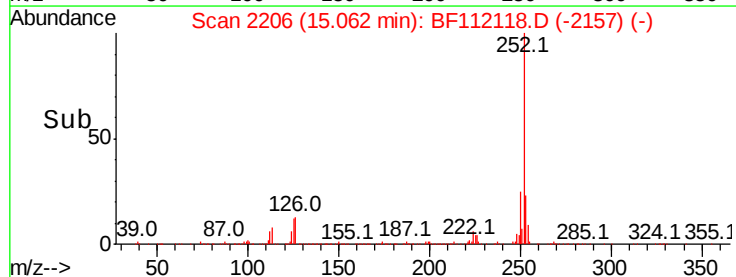
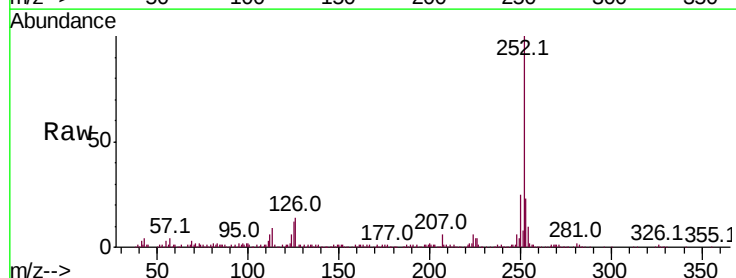
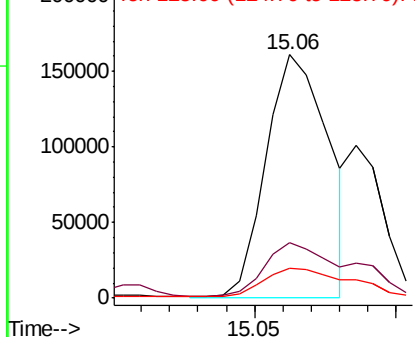
Delta R.T. -0.01 min

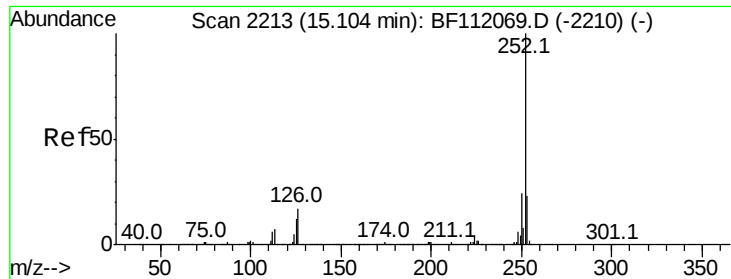
Lab File: BF112118.D

Acq: 18 Jan 2019 11:03

Tgt Ion:	252	Resp:	247382
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	12.3	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





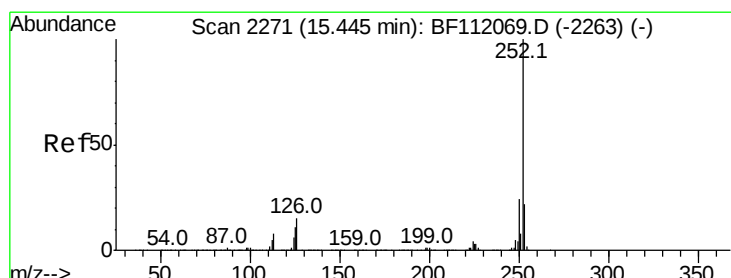
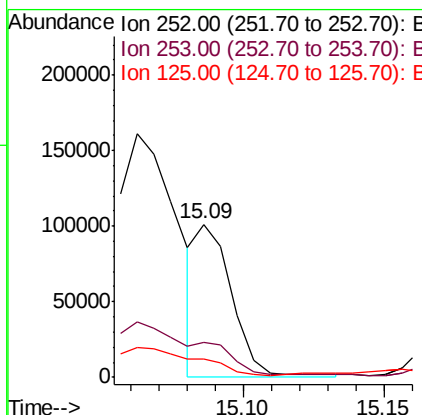
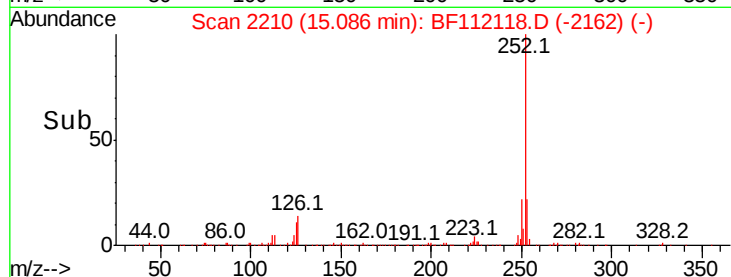
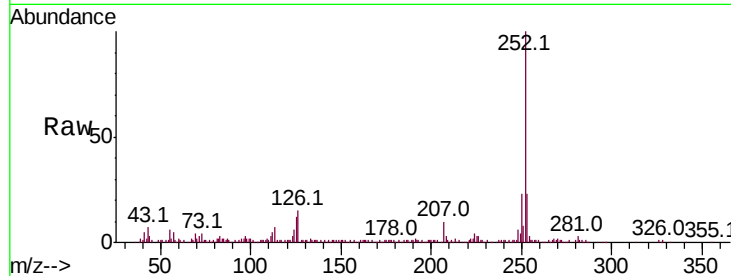
#89
Benzo(k)fluoranthene
Concen: 2.340 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.7	9.1	13.7

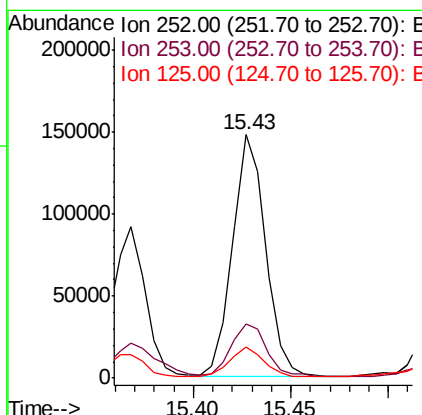
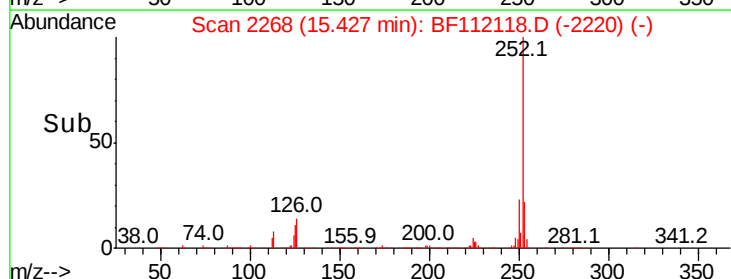
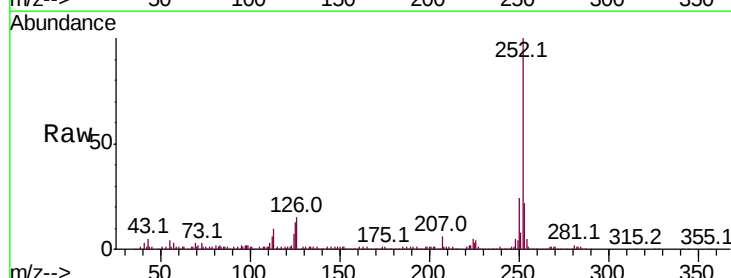
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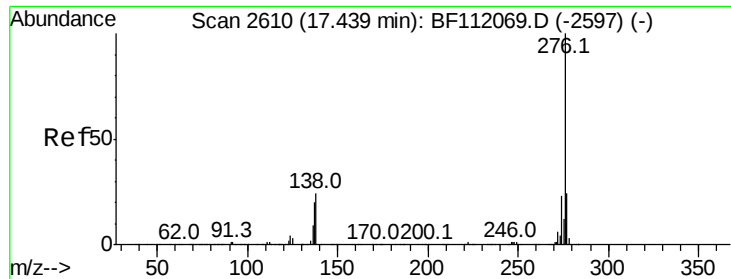
Sohil
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#90
Benzo(a)pyrene
Concen: 4.825 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.9	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.032 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.03 min
 Lab File: BF112118.D
 Acq: 18 Jan 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-03-011519

Tot Ion:	276	Resp:	63725
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.4	29.0
138	26.8	19.1	28.7

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