

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112119.D
 Acq On : 18 Jan 2019 11:30
 Operator : JU/SJ
 Sample : K1157-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-04-011519

Manual Integrations
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Sohil
 1/21/2019 12:00:38 PM

Quant Time: Jan 18 12:30:38 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	343863	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1271951	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	608180	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1013550	20.00	ng	0.00
76) Chrysene-d12	14.02	240	712983	20.00	ng	-0.01
87) Perylene-d12	15.49	264	744213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2244908	118.49	ng	0.00
7) Phenol-d6	6.51	99	2828975	119.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	1818084	98.75	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	809546	123.39	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3194090	77.00	ng	0.00
79) Terphenyl-d14	12.96	244	2588209	77.23	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	61106	2.359	ng	94
50) Dimethylphthalate	9.60	163	318783	7.187	ng	98
71) Phenanthrene	11.40	178	132549	2.599	ng	97
75) Fluoranthene	12.59	202	191357	3.553	ng	97
78) Pyrene	12.82	202	177182	3.767	ng	98
83) Chrysene	14.04	228	88952	2.300	ng	97
88) Benzo(b)fluoranthene	15.06	252	117377m	2.779	ng	

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

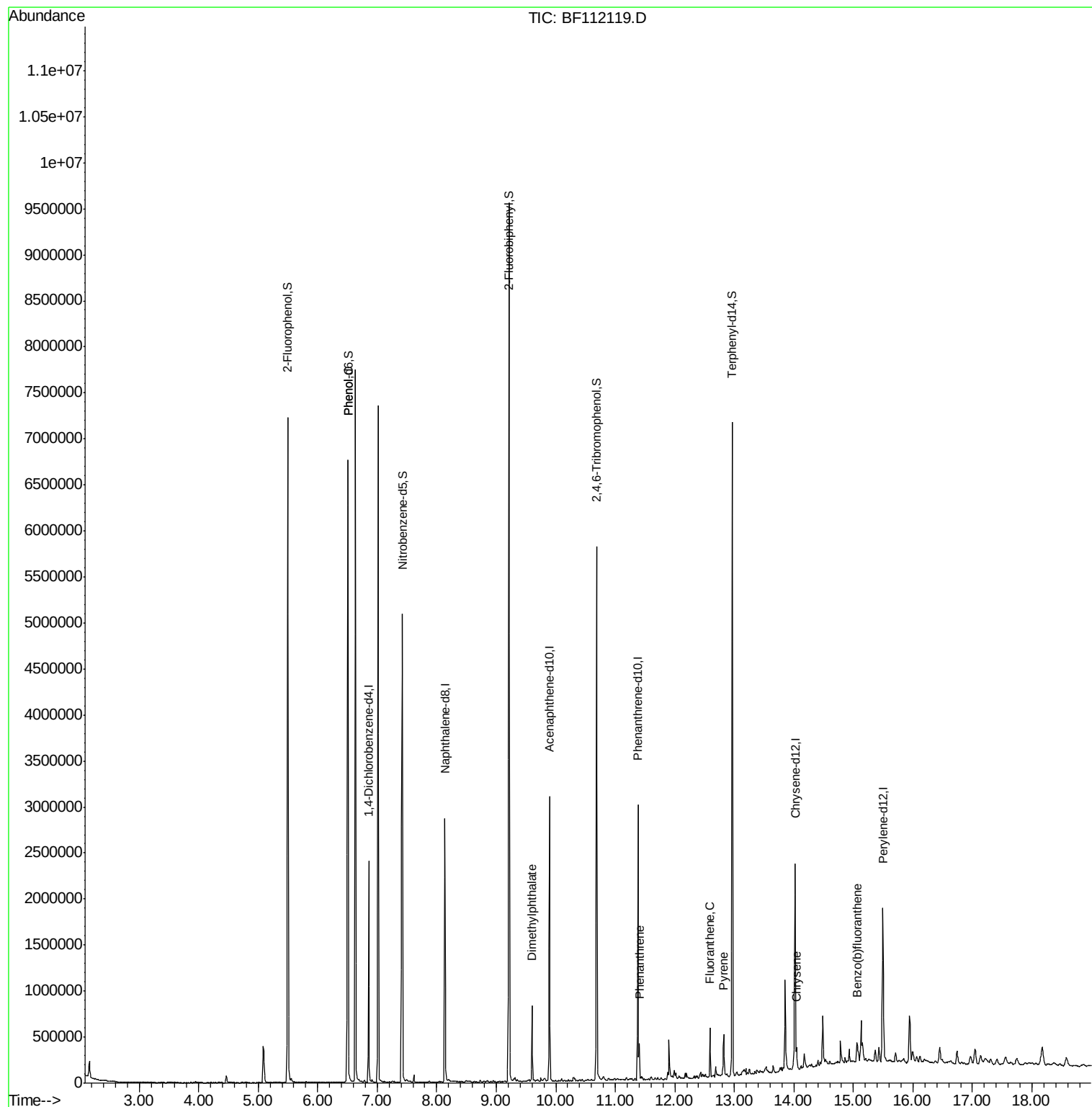
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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ALS Vial : 7 Sample Multiplier: 1

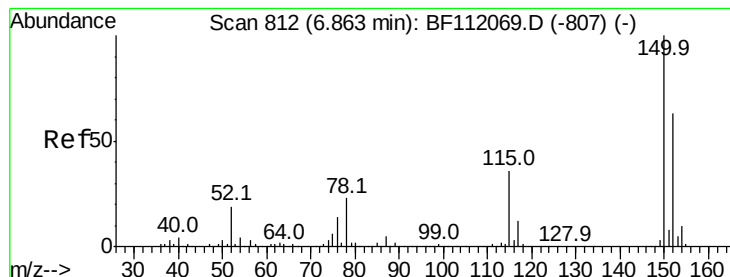
Instrument :
BNA_F
ClientSampleId :
WC-04-011519

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1/21/2019 12:00:38 PM

Quant Time: Jan 18 12:30:38 2019
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

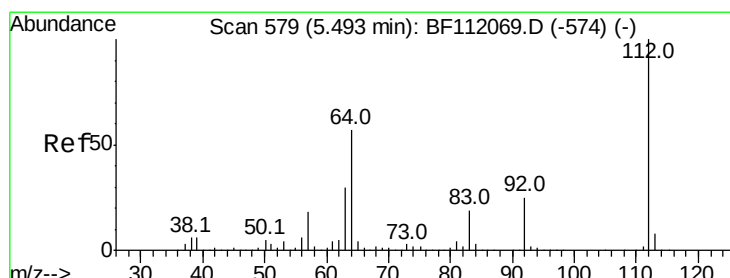
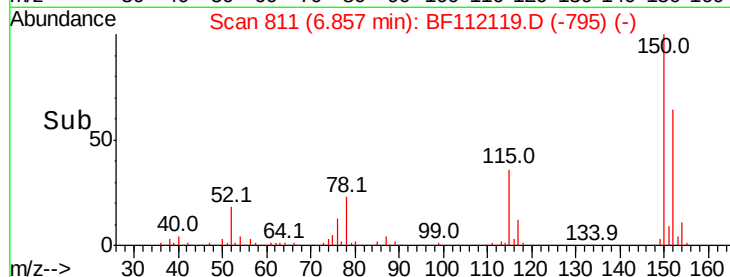
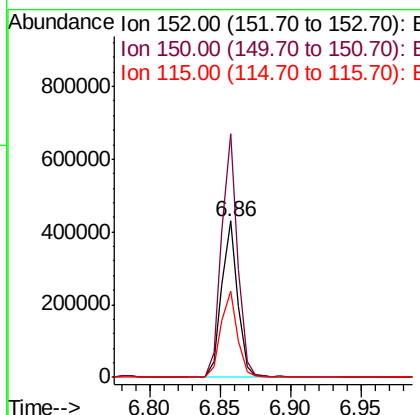
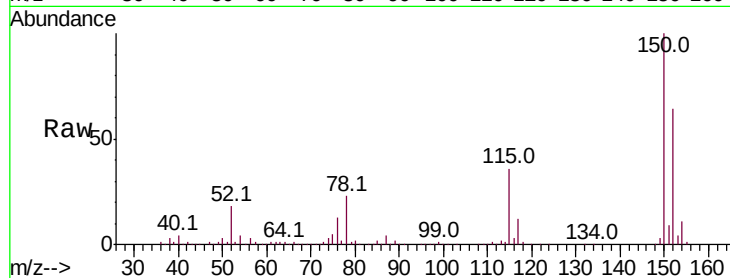
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Instrument :
BNA_F
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	55.4	45.5	68.3

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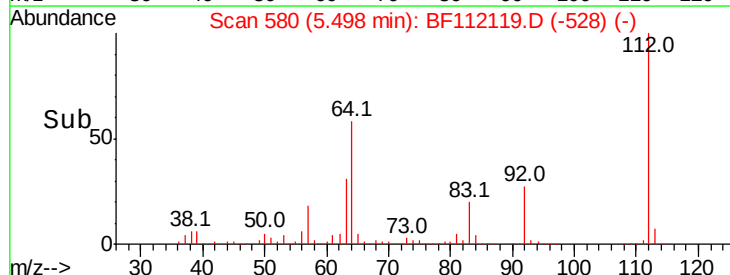
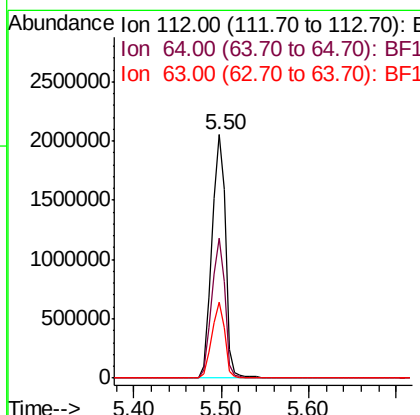
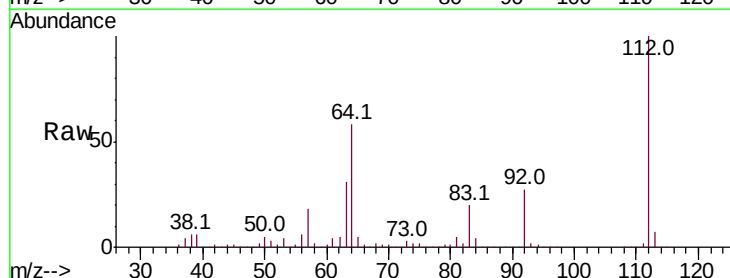
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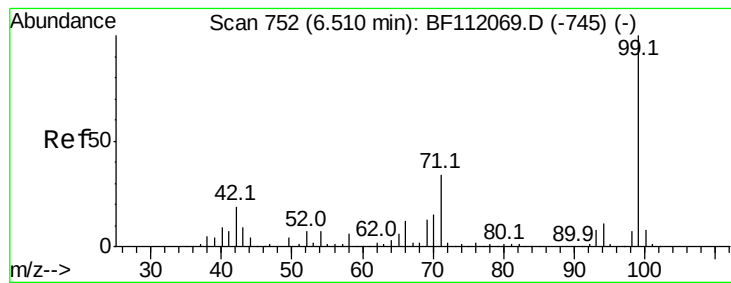


#5

2-Fluorophenol
Concen: 118.495 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.7	68.5
63	31.0	23.6	35.4





#7

Phenol-d6

Concen: 119.349 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

Instrument :

BNA_F

ClientSampleId :

WC-04-011519

Tot Ion: 99 Resp: 2828975

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

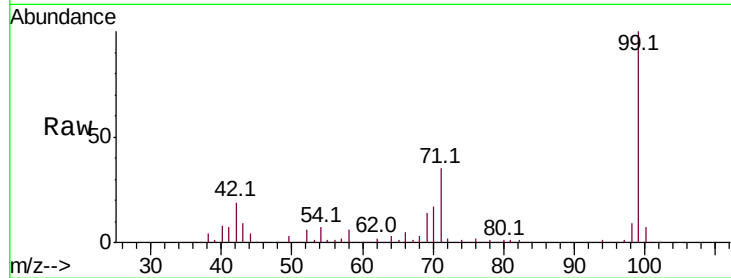
71 35.4 26.9 40.3

Manual Integrations

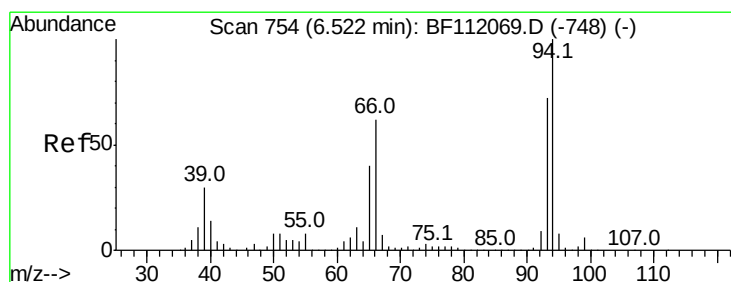
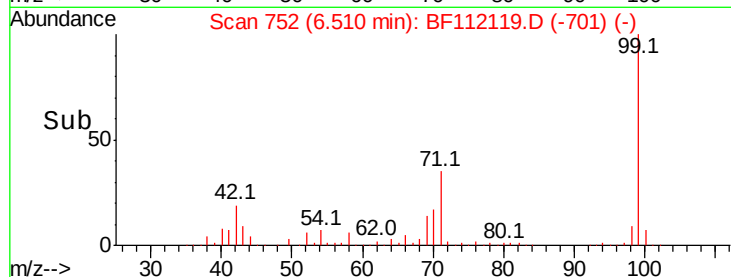
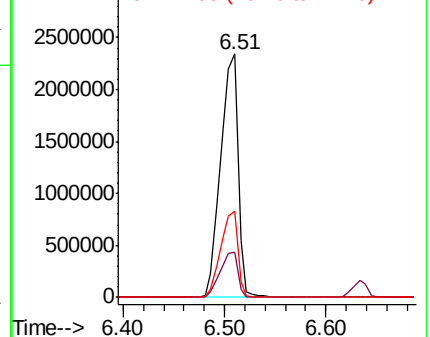
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.359 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

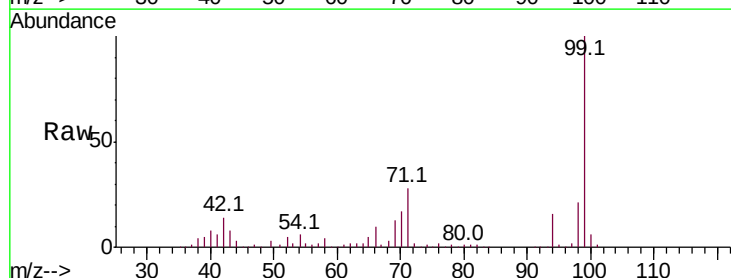
Tgt Ion: 94 Resp: 61106

Ion Ratio Lower Upper

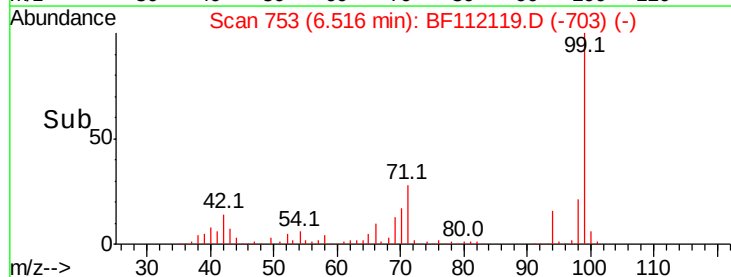
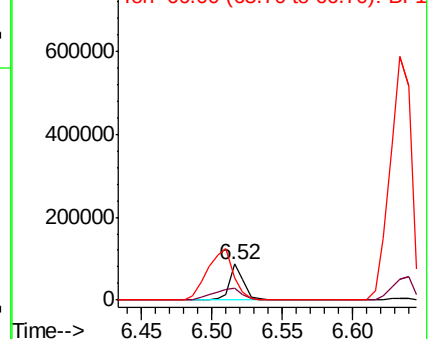
94 100

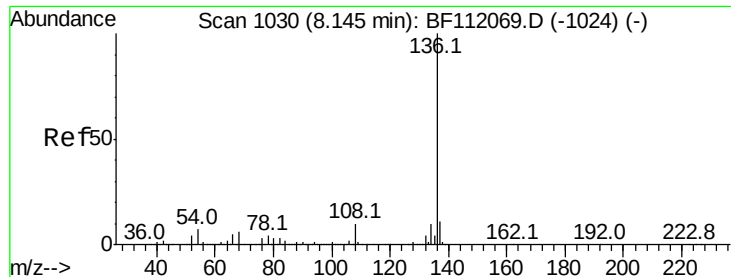
65 33.6 20.3 60.3

66 60.3 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





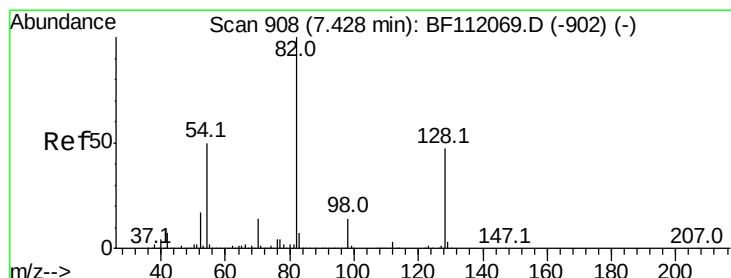
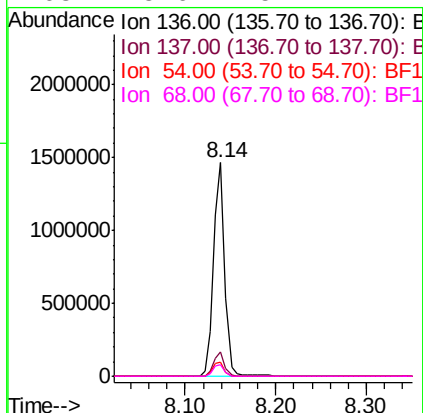
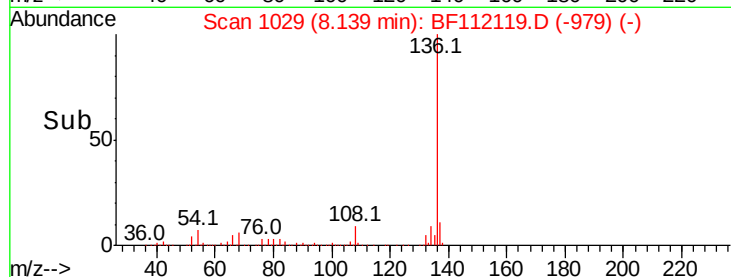
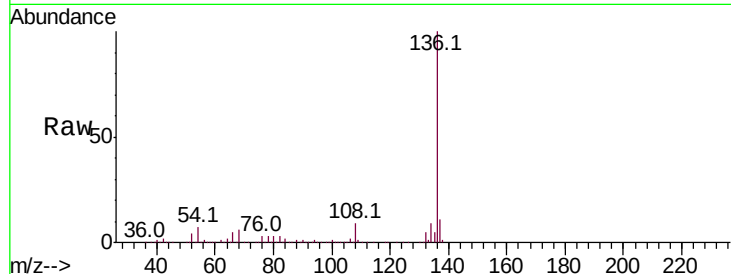
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Instrument :
BNA_F
ClientSampleId :
WC-04-011519

Tot Ion	136	Resp	1271951
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.7	5.9	8.9
68	5.6	5.1	7.7

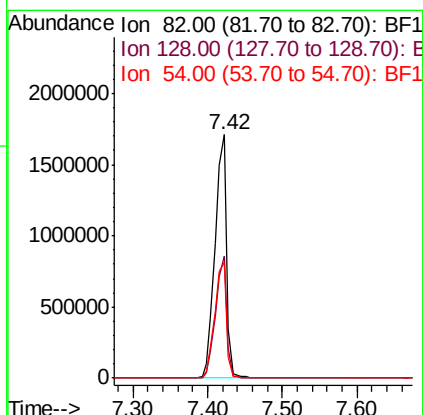
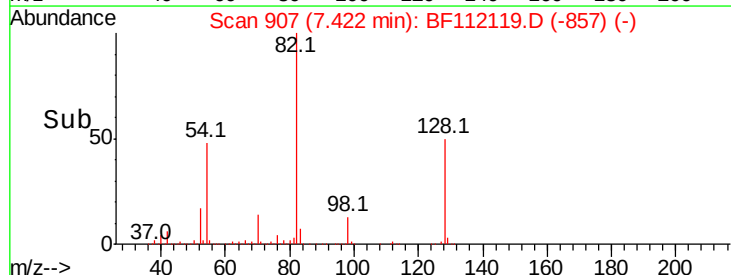
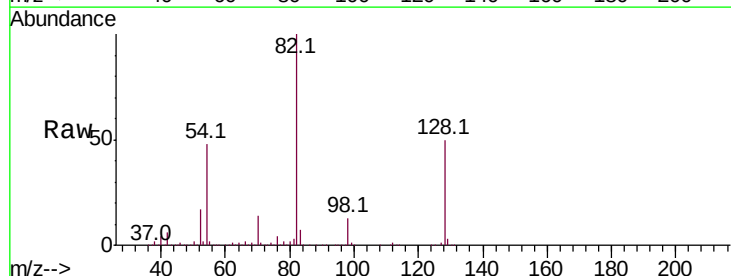
Manual Integrations
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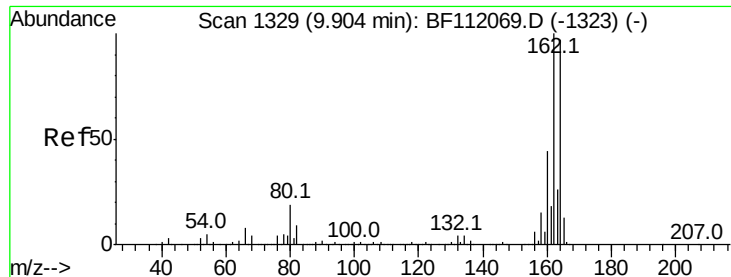
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#23
Nitrobenzene-d5
Concen: 98.753 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Tgt Ion	82	Resp	1818084
Ion	Ratio	Lower	Upper
82	100		
128	49.9	37.8	56.8
54	47.7	39.7	59.5





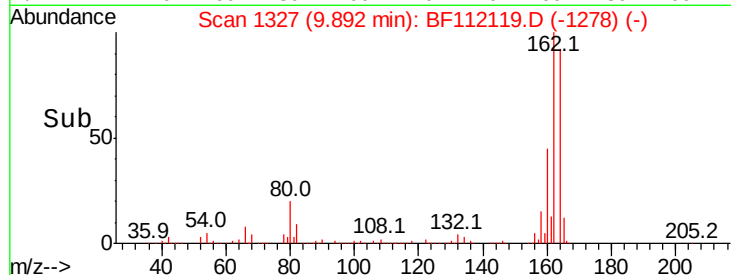
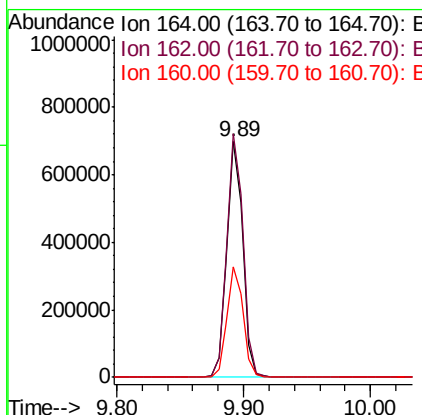
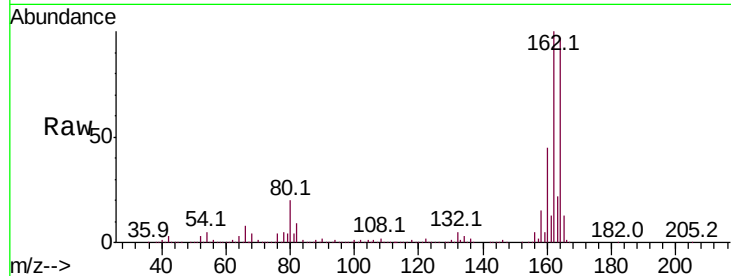
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Instrument :
BNA_F
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	82.2	123.4	
160	46.7	36.2	54.4	

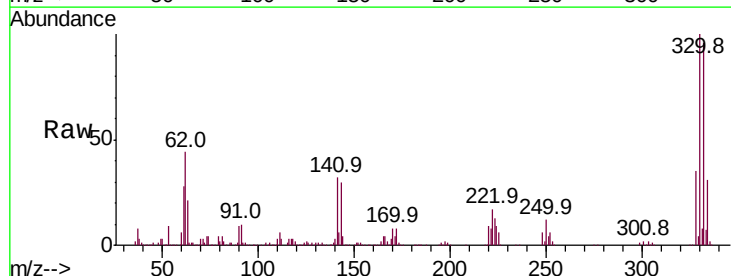
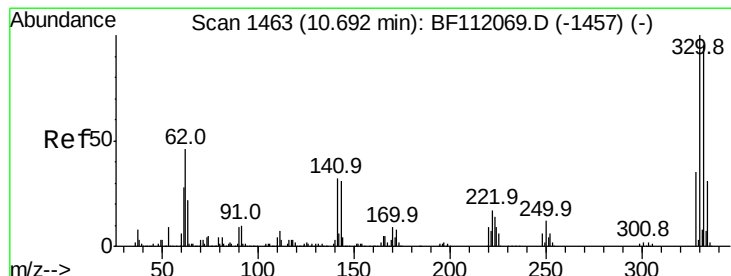
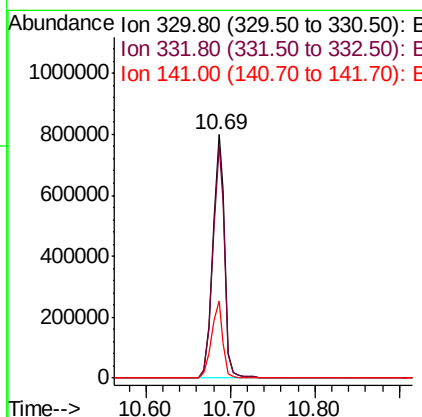
Manual Integrations
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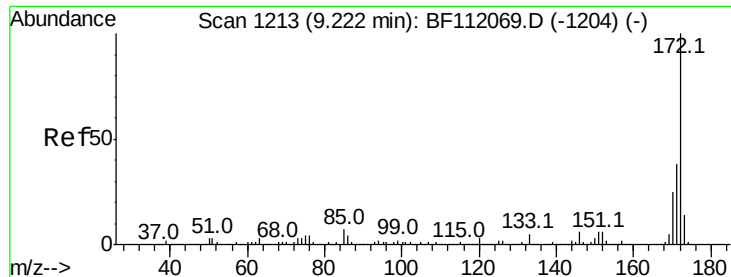
Sohil
1/21/2019 12:00:38 PM



#42
2,4,6-Tribromophenol
Concen: 123.389 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	76.6	114.8	
141	30.1	24.3	36.5	





#45

2-Fluorobiphenyl

Concen: 76.998 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

Instrument :

BNA_F

ClientSampleId :

WC-04-011519

Tot Ion:172 Resp: 3194090

Ion Ratio Lower Upper

172 100

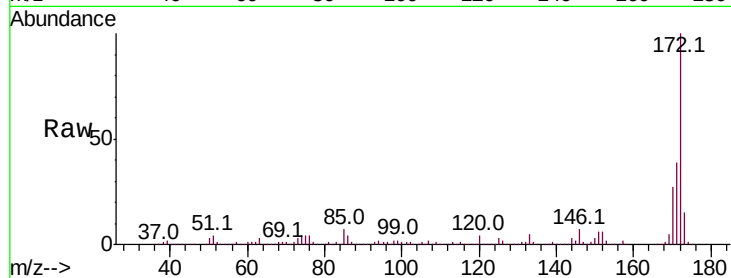
171 39.5 30.5 45.7

170 26.7 20.2 30.4

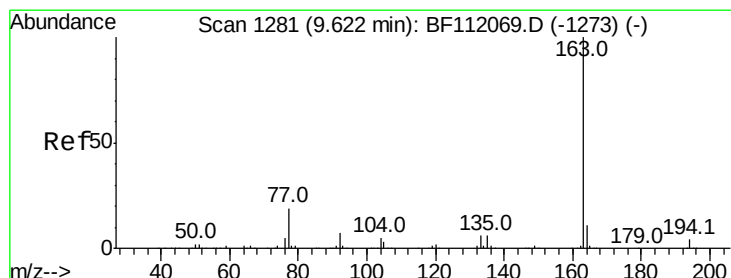
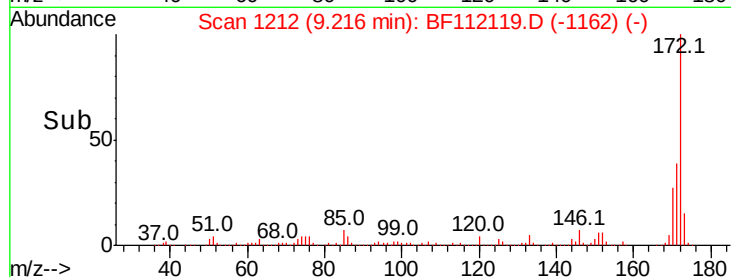
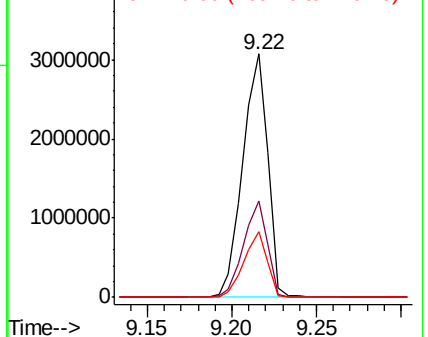
Manual Integrations
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 7.187 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

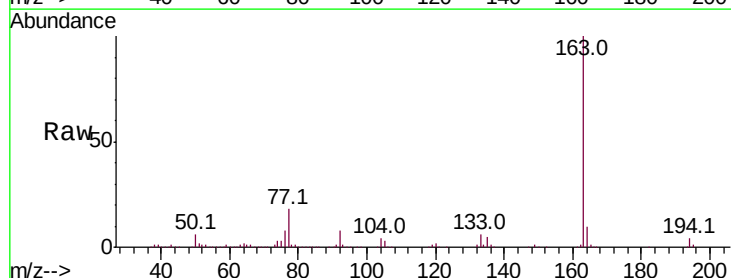
Tgt Ion:163 Resp: 318783

Ion Ratio Lower Upper

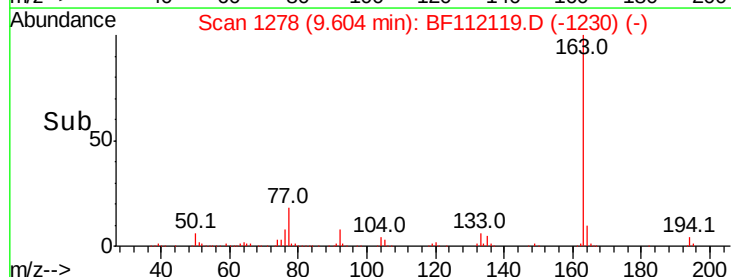
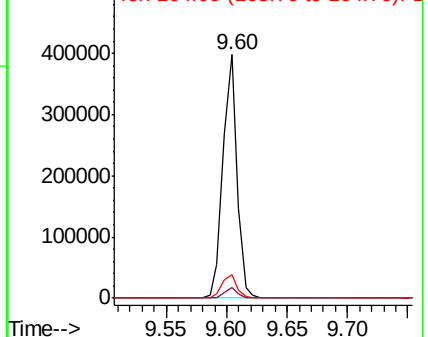
163 100

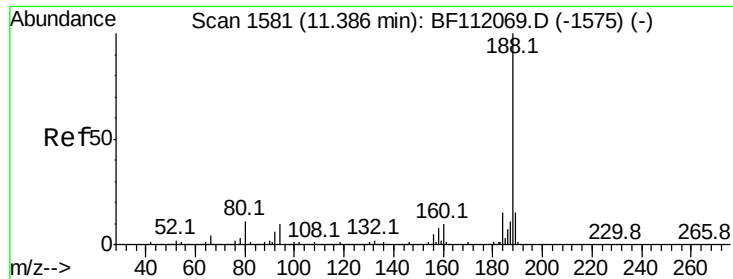
194 4.3 3.3 4.9

164 9.7 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: BF112119.D

Acq: 18 Jan 2019 11:30

Instrument :

BNA_F

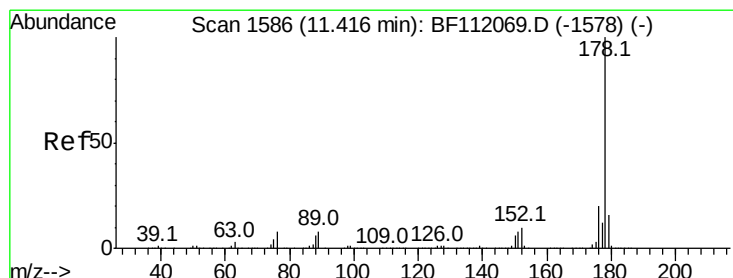
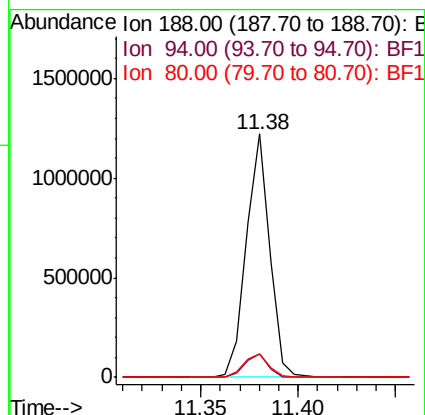
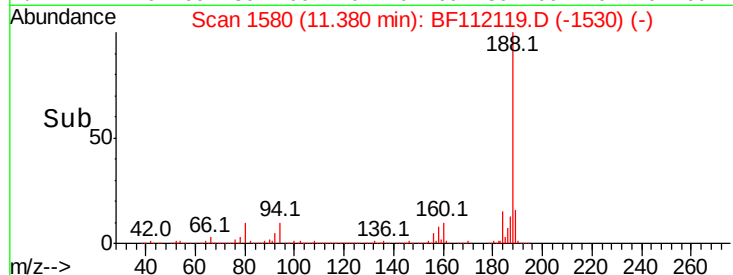
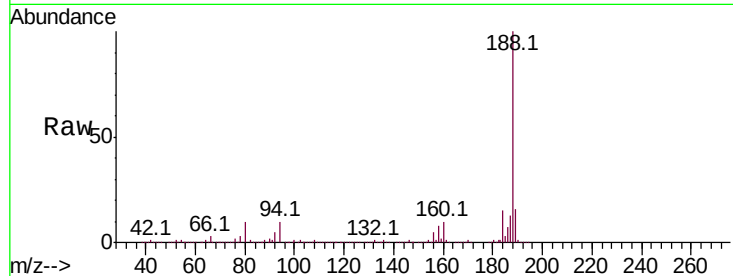
ClientSampleId :

WC-04-011519

Tot Ion:188	Resp: 1013550
Ion Ratio	Lower Upper
188 100	
94 9.6	8.2 12.2
80 9.7	8.9 13.3

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#71

Phenanthrene

Concen: 2.599 ng

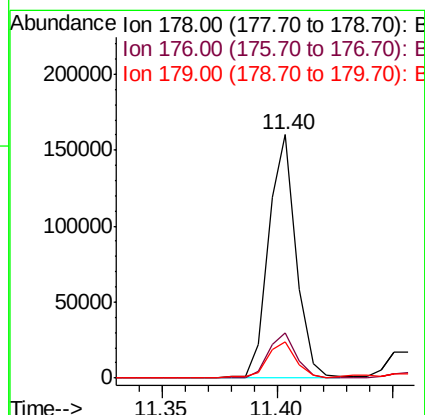
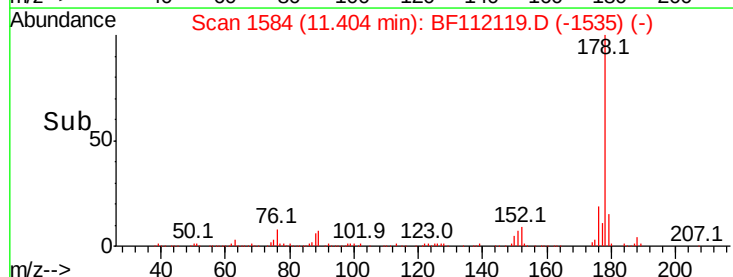
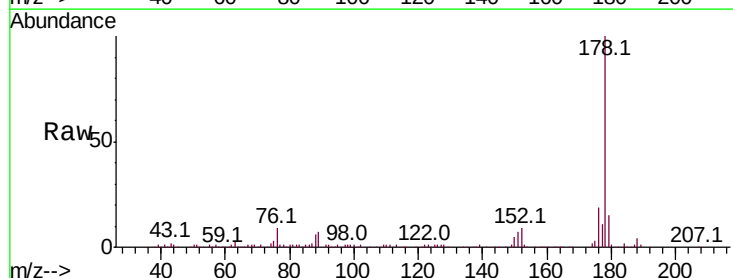
RT: 11.40 min Scan# 1584

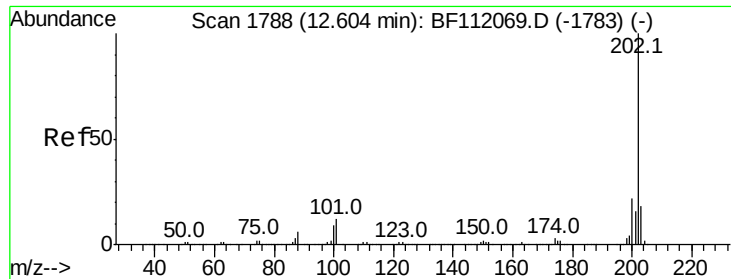
Delta R.T. -0.01 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

Tgt	Ion:178	Resp:	132549
Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	14.9	13.0	19.4





#75

Fluoranthene

Concen: 3.553 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

Instrument :

BNA_F

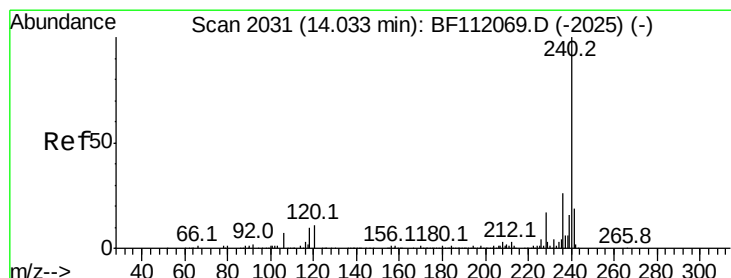
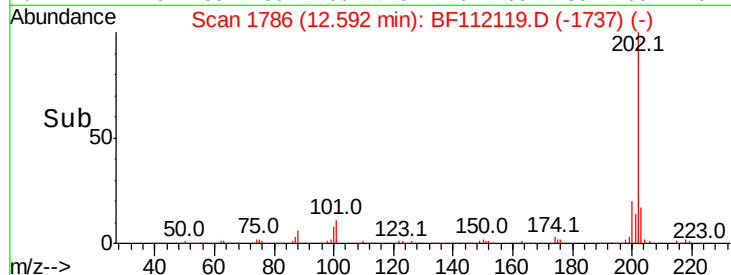
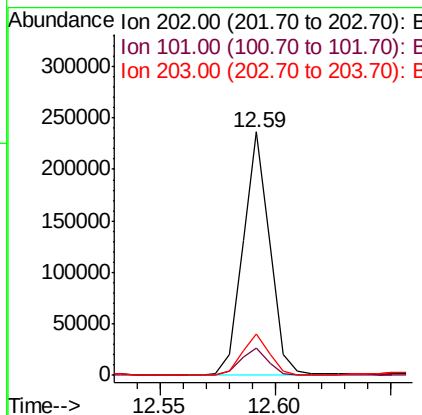
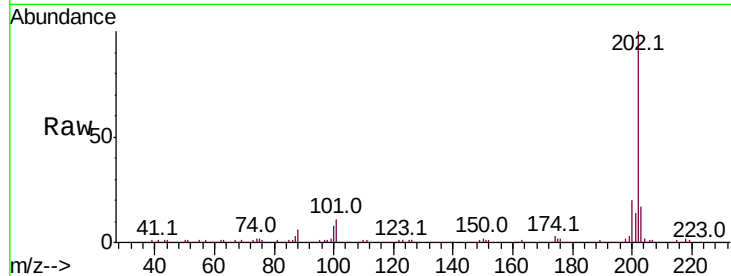
ClientSampleId :

WC-04-011519

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	31.8
203	16.8	0.0	38.4

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1/21/2019 12:00:38 PM



#76

Chrysene-d12

Concen: 20.000 ng

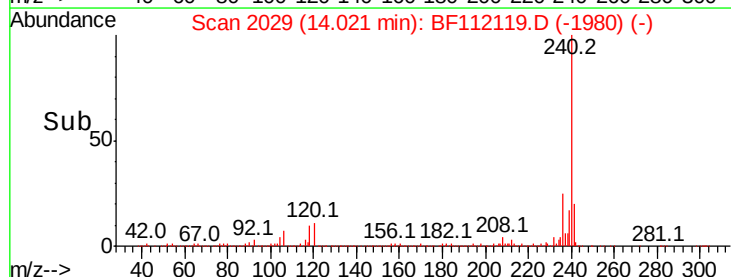
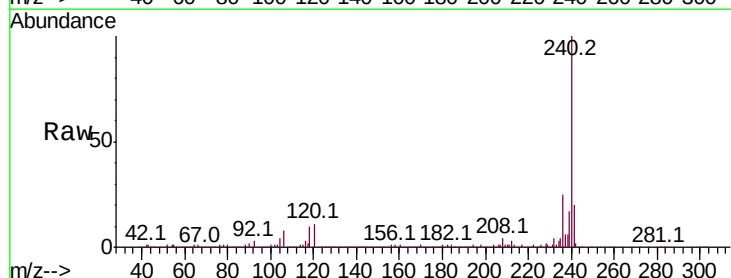
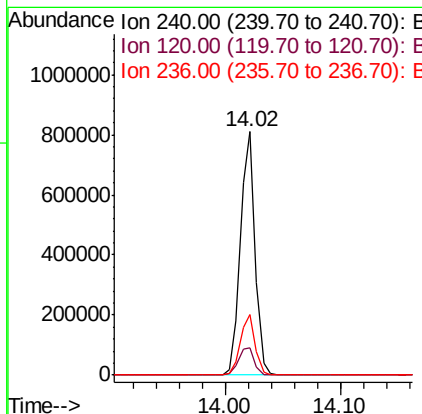
RT: 14.02 min Scan# 2029

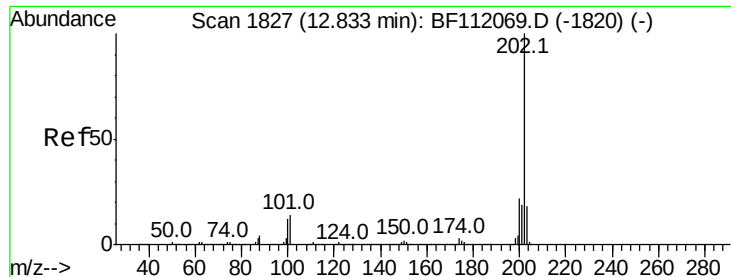
Delta R.T. -0.01 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	9.0	13.6
236	25.1	20.7	31.1





#78

Pvrene

Concen: 3.767 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

Instrument :

BNA_F

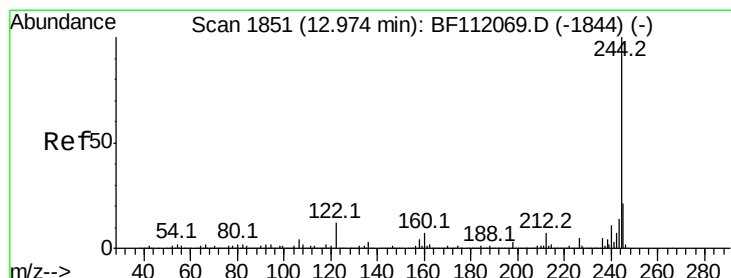
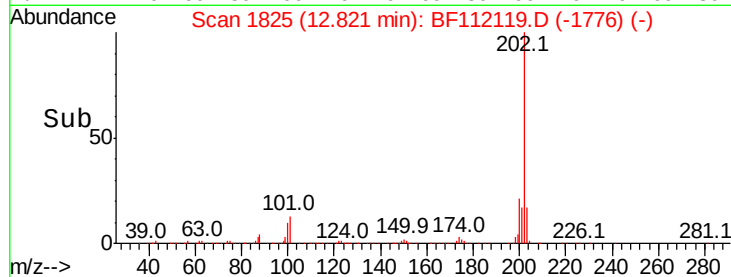
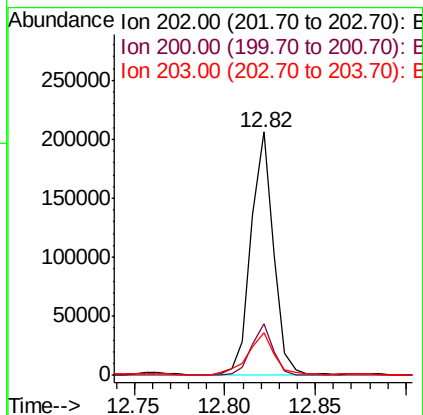
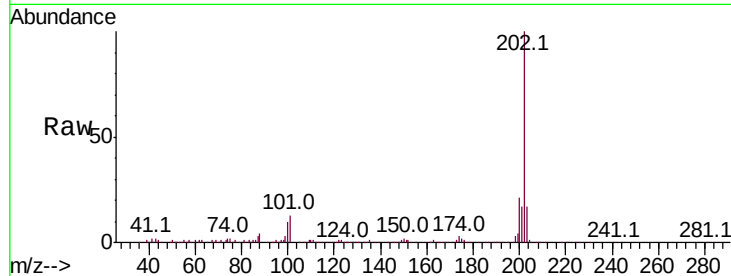
ClientSampled :

WC-04-011519

Tot Ion:	202	Resp:	177182
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.7	26.5
203	17.3	14.6	22.0

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#79

Terphenyl-d14

Concen: 77.226 ng

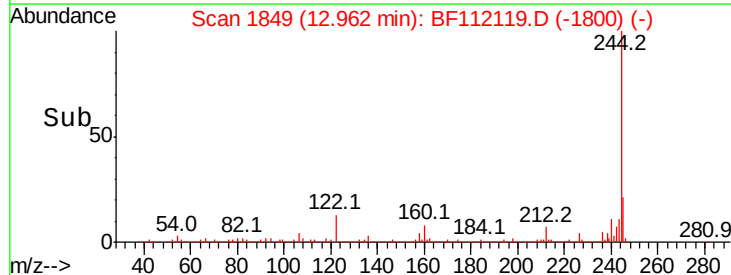
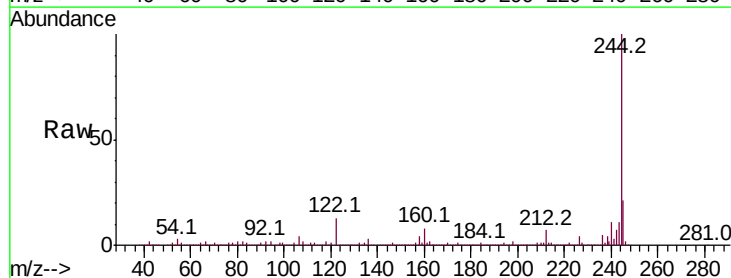
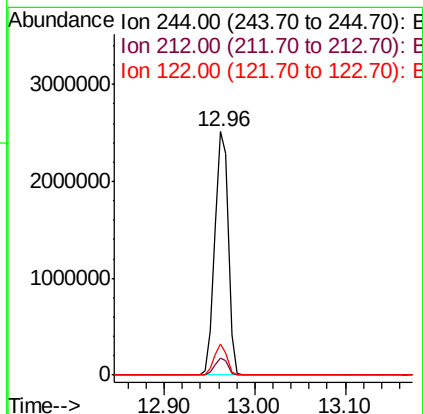
RT: 12.96 min Scan# 1849

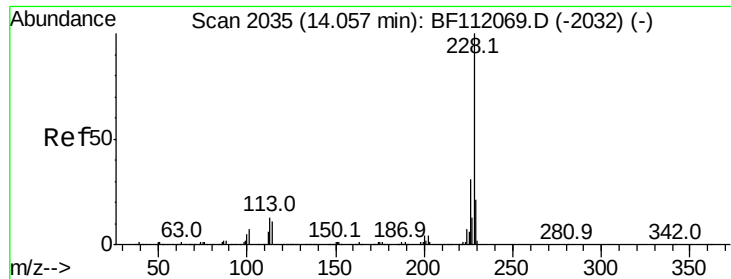
Delta R.T. -0.01 min

Lab File: BF112119.D

Acq: 18 Jan 2019 11:30

Tgt Ion:	244	Resp:	2588209
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.9	8.9
122	12.9	9.8	14.6





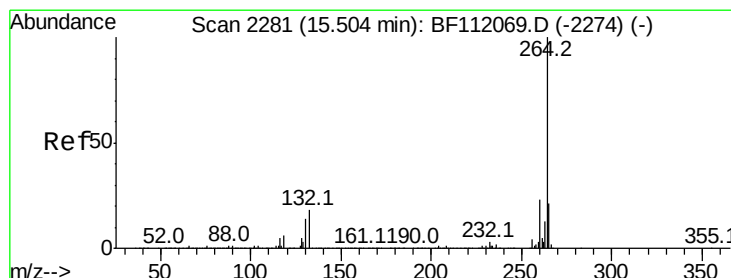
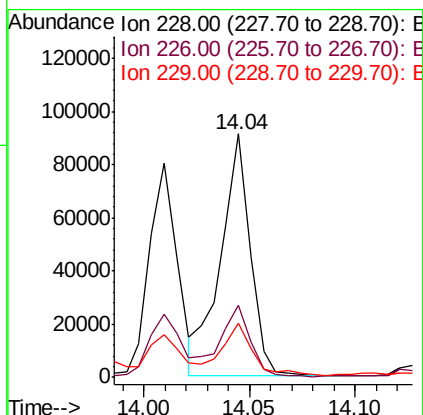
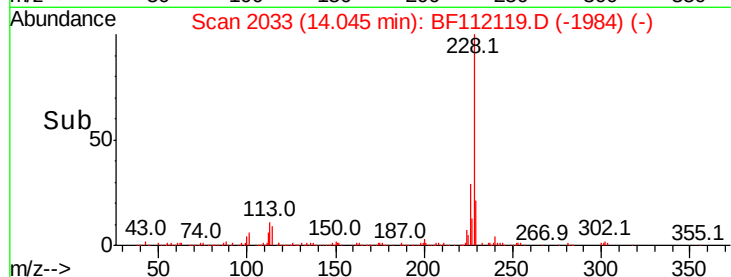
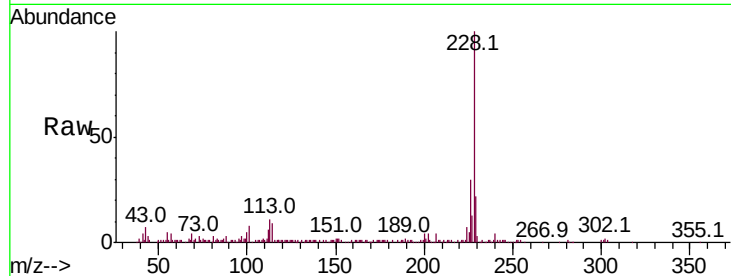
#83
Chrysene
Concen: 2.300 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Instrument :
BNA_F
ClientSampleId :
WC-04-011519

Tot Ion:	228	Resp:	88952
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	22.5	16.6	24.8

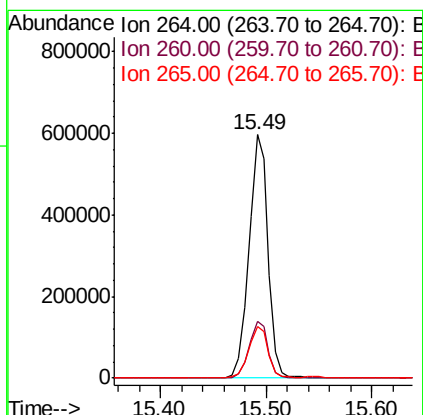
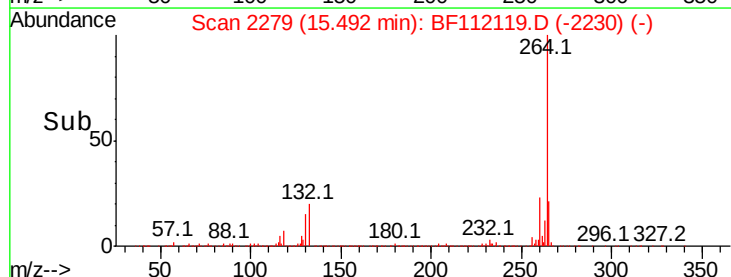
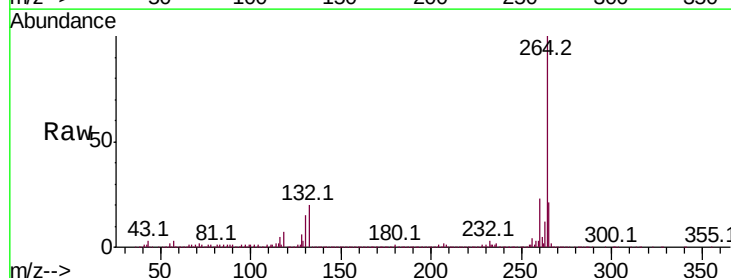
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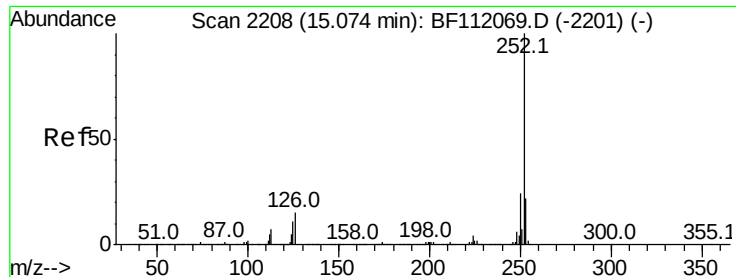
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Tgt Ion:	264	Resp:	744213
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.2
265	21.3	17.0	25.4





#88
Benzo(b)fluoranthene
Concen: 2.779 ng/ml
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112119.D
Acq: 18 Jan 2019 11:30

Instrument :
BNA_F
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	18.0	27.0
125	13.8	8.7	13.1

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