

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
 Data File : BM018655.D
 Acq On : 25 Jan 2019 16:44
 Operator : JU/SJ
 Sample : K1157-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-02-011519

Manual Integrations
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mohammad
 1/29/2019 12:29:35 AM

Quant Time: Jan 28 02:40:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	251540	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	989312	20.00	ng	0.00
39) Acenaphthene-d10	14.38	164	548656	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	1254766	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1346596	20.00	ng	0.00
87) Perylene-d12	23.60	264	1380390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1428384	104.85	ng	0.00
7) Phenol-d6	6.90	99	1863146	107.68	ng	0.00
23) Nitrobenzene-d5	8.90	82	1127916	66.09	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	771013	110.37	ng	-0.01
45) 2-Fluorobiphenyl	13.00	172	2629849	62.55	ng	0.00
79) Terphenyl-d14	19.76	244	3904616	61.12	ng	0.00
Target Compounds						
10) Phenol	6.93	94	59977	3.411	ng	96
49) Acenaphthylene	14.10	152	209559	3.871	ng	99
50) Dimethylphthalate	13.84	163	226422	5.025	ng	99
71) Phenanthrene	17.17	178	804247	12.050	ng	99
72) Anthracene	17.26	178	202049	3.148	ng	97
75) Fluoranthene	19.19	202	1312250	17.054	ng	98
78) Pyrene	19.56	202	1353676	16.959	ng	99
81) Benzo(a)anthracene	21.31	228	620621	7.823	ng	96
83) Chrysene	21.36	228	642700	8.390	ng	98
86) Indeno(1,2,3-cd)pyrene	25.89	276	361610	4.094	ng	# 94
88) Benzo(b)fluoranthene	22.91	252	726219m	9.267	ng	
89) Benzo(k)fluoranthene	22.95	252	263608m	3.338	ng	
90) Benzo(a)pyrene	23.50	252	548847	7.315	ng	97
92) Benzo(a,h,i)perylene	26.60	276	373994	5.056	ng	98

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

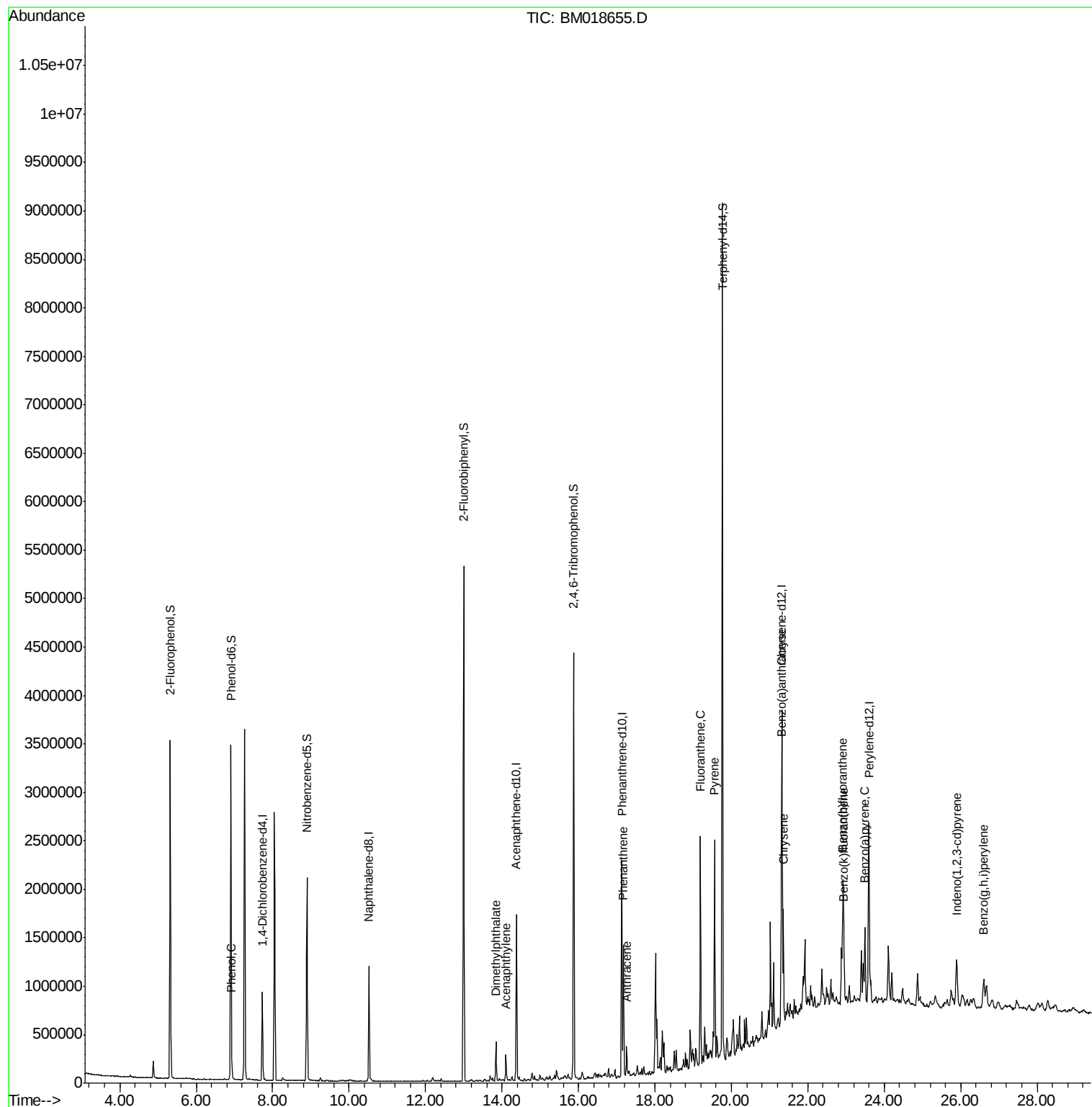
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018655.D
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ALS Vial : 7 Sample Multiplier: 1

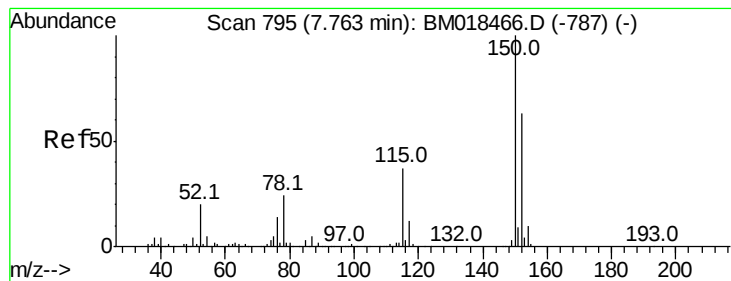
Instrument :
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#1

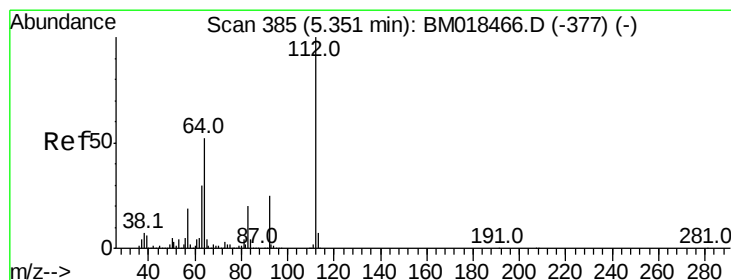
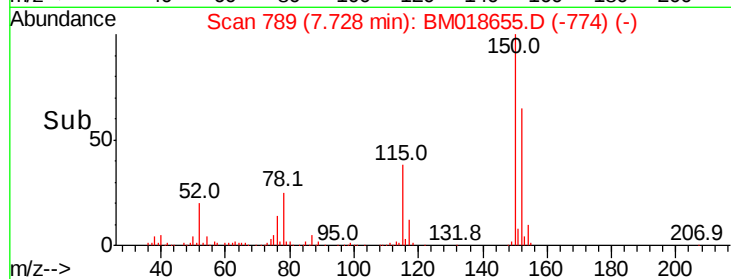
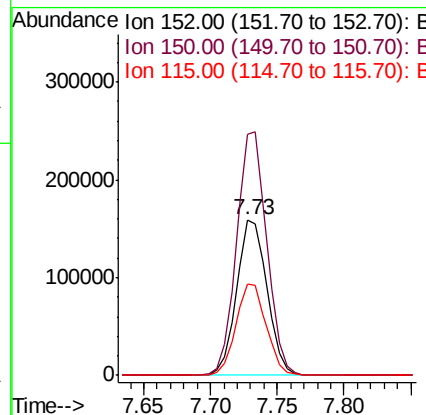
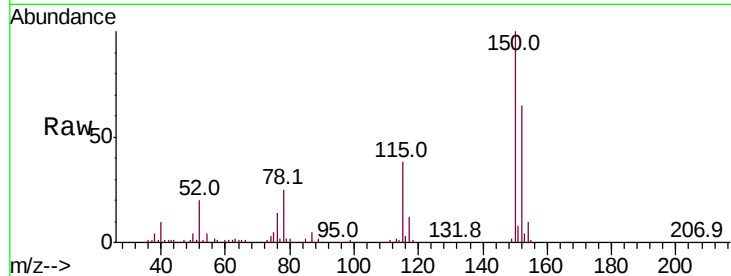
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Instrument :
BNA_M
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.9	190.3
115	58.5	45.5	68.3

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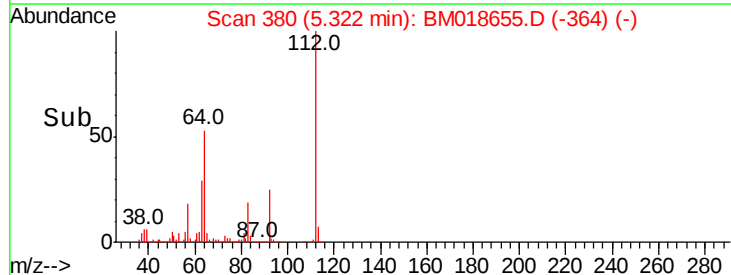
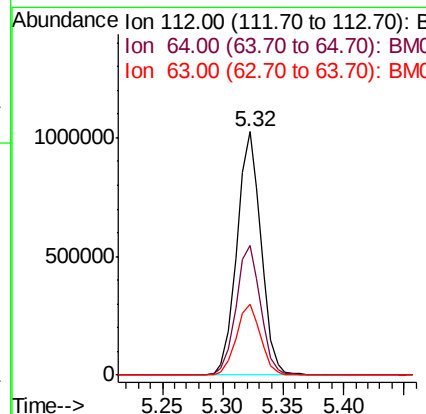
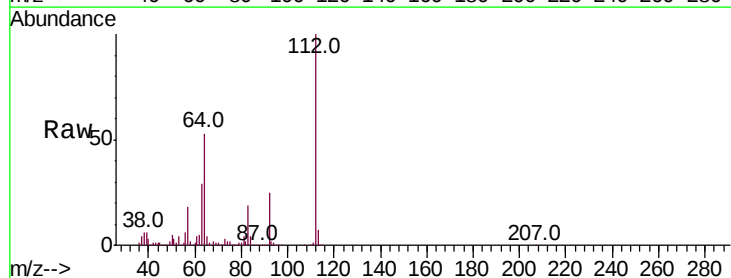
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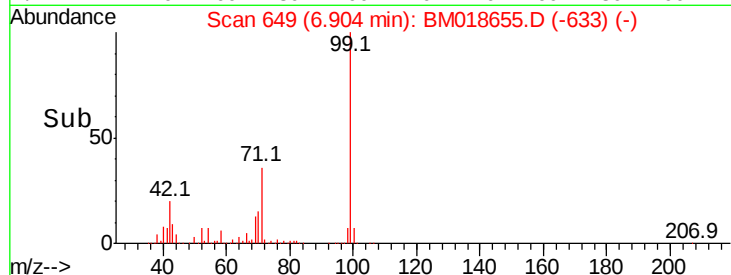
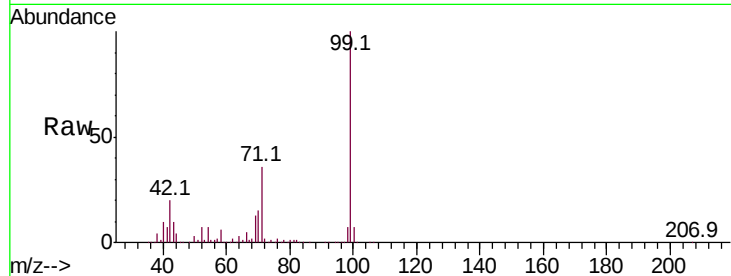
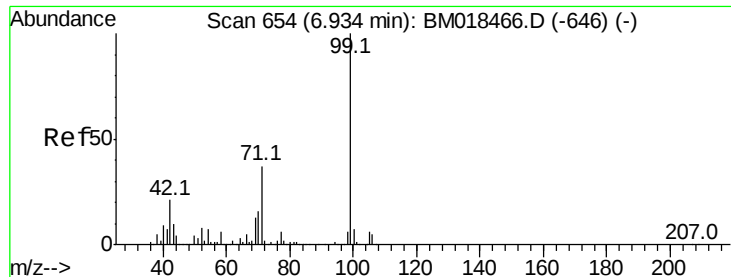


#5

2-Fluorophenol
Concen: 104.854 ng
RT: 5.32 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	29.3	25.2	37.8





#7

Phenol-d6

Concen: 107.682 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Tot Ion: 99 Resp: 1863146

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

71 36.3 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

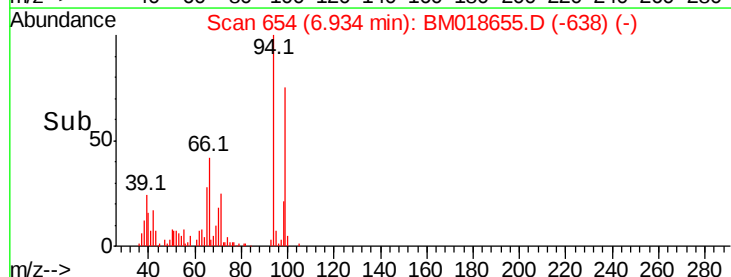
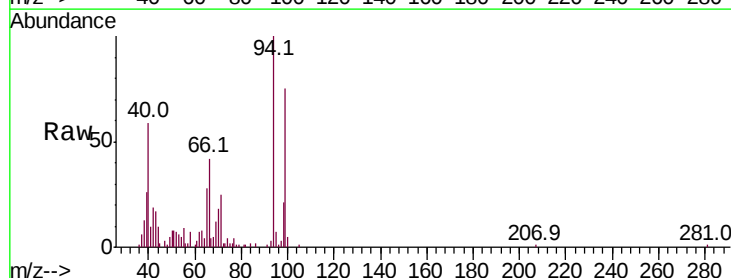
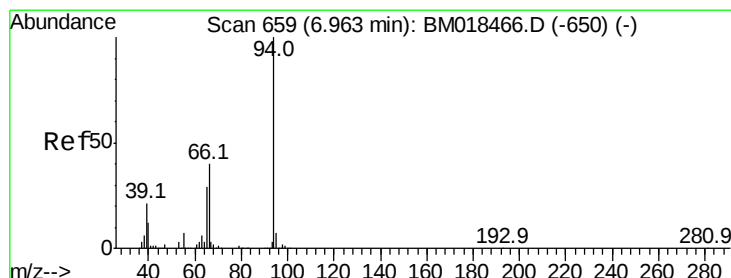
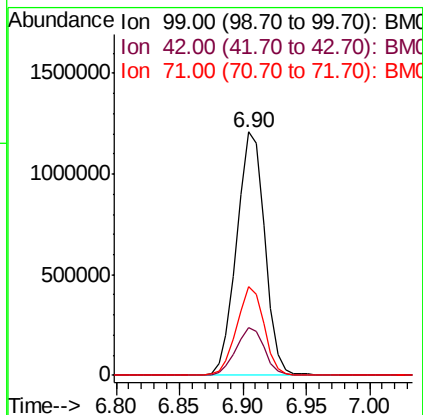
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#10

Phenol

Concen: 3.411 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

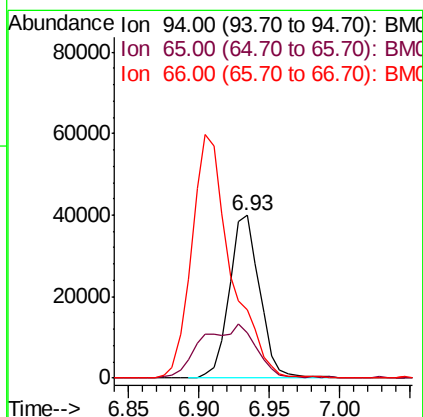
Tgt Ion: 94 Resp: 59977

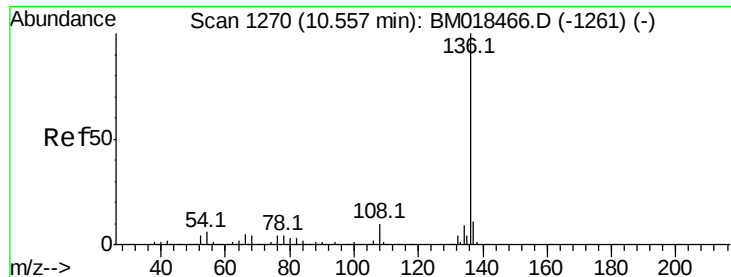
Ion Ratio Lower Upper

94 100

65 27.7 9.4 49.4

66 41.8 19.1 59.1





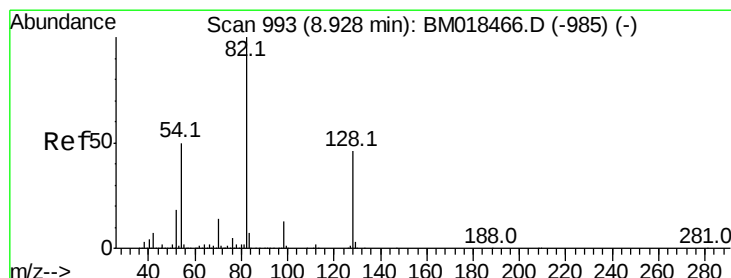
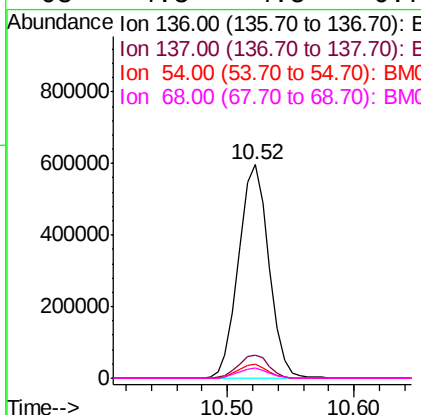
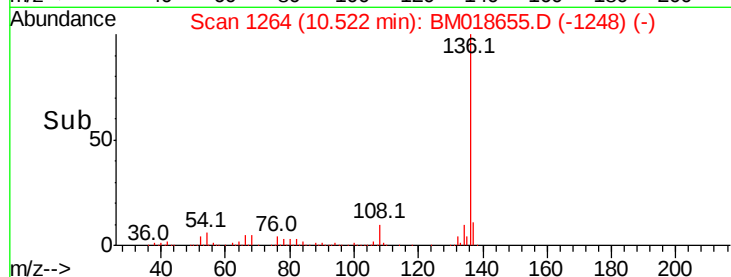
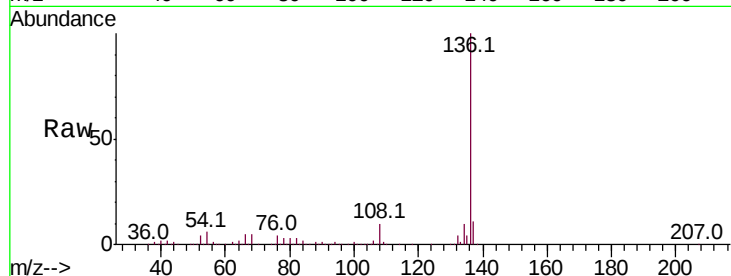
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Instrument :
BNA_M
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	6.5	6.0	9.0	
68	4.8	4.5	6.7	

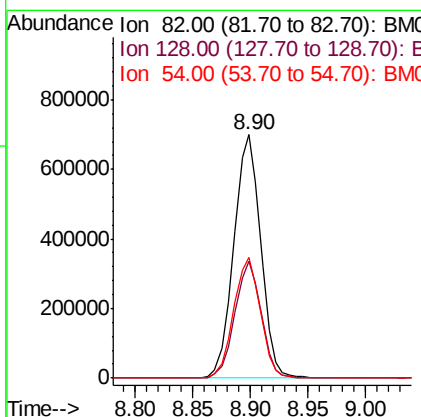
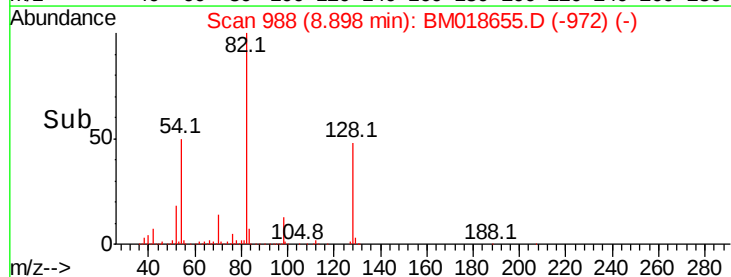
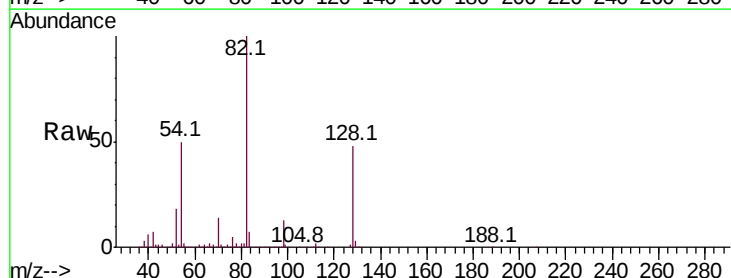
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#23
Nitrobenzene-d5
Concen: 66.093 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	36.3	54.5	
54	49.8	41.7	62.5	





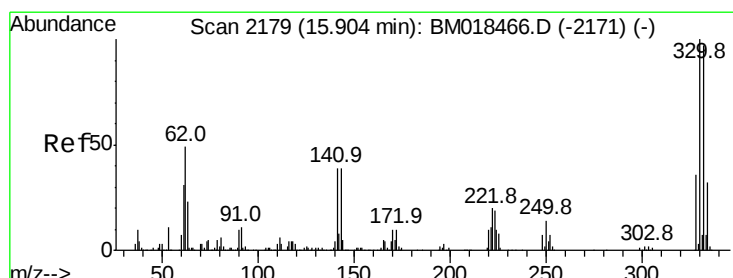
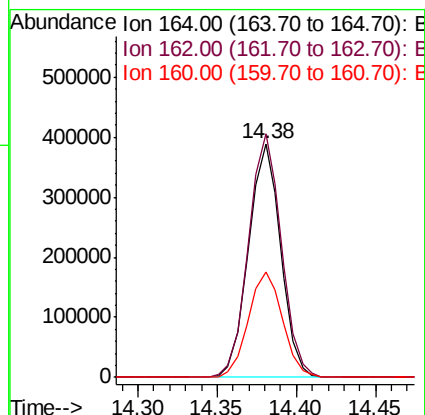
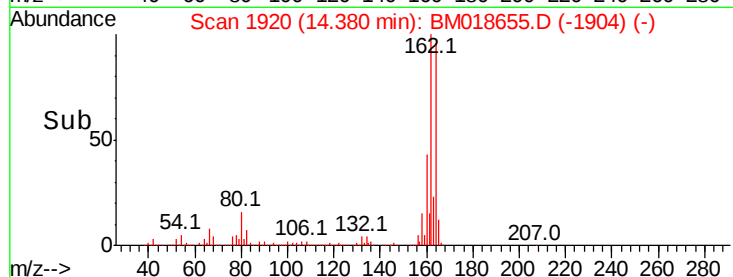
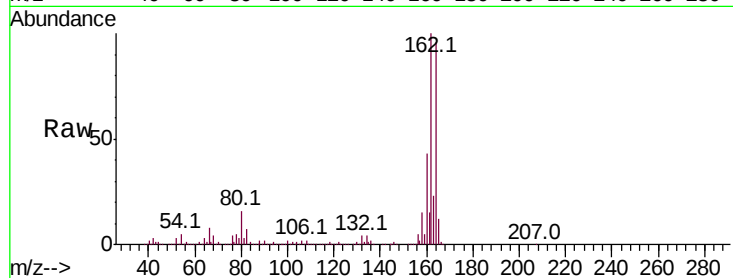
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Instrument :
BNA_M
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	83.0	124.4	
160	45.1	37.1	55.7	

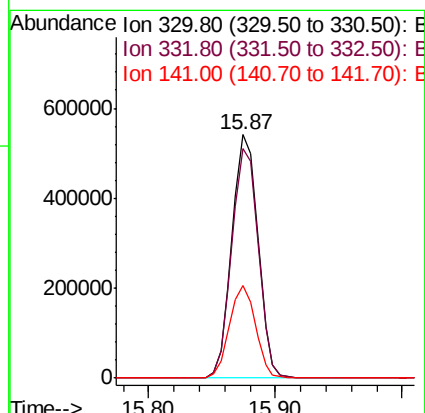
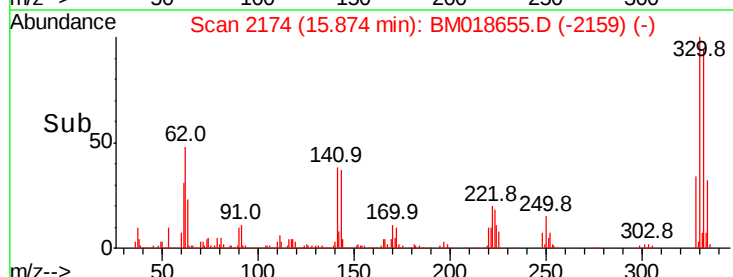
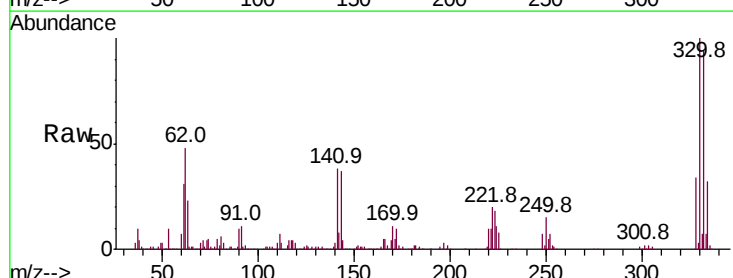
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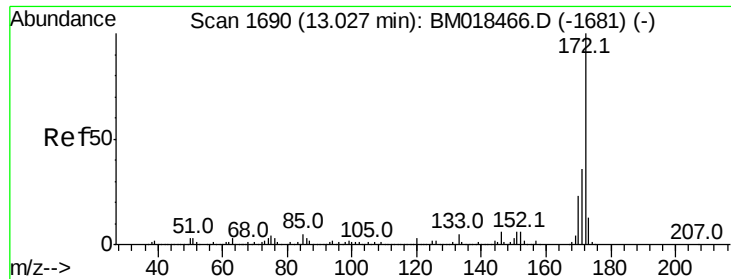
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#42
2,4,6-Tribromophenol
Concen: 110.367 ng
RT: 15.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.6	116.4	
141	38.0	31.7	47.5	





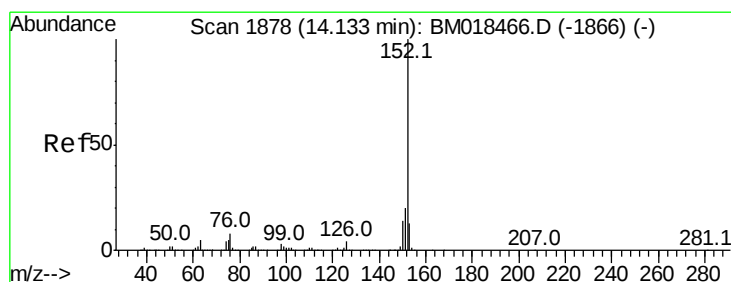
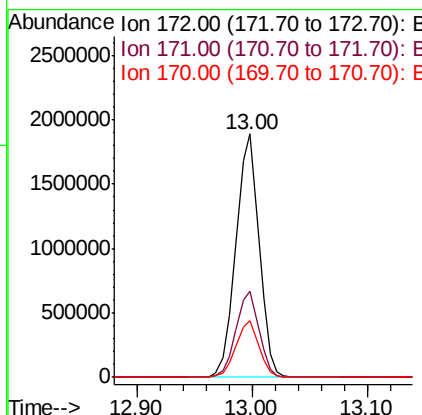
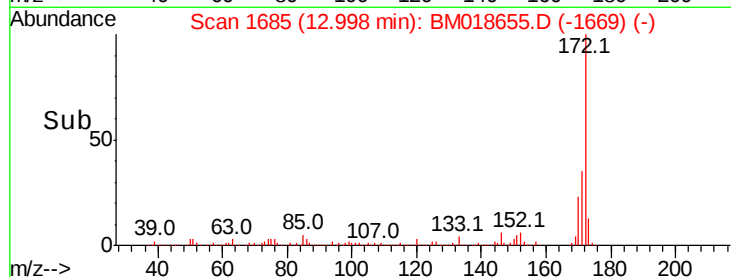
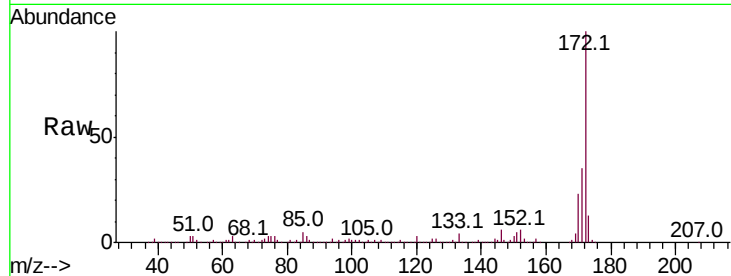
#45
2-Fluorobiphenyl
Concen: 62.545 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Instrument :
BNA_M
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.1	18.9	28.3

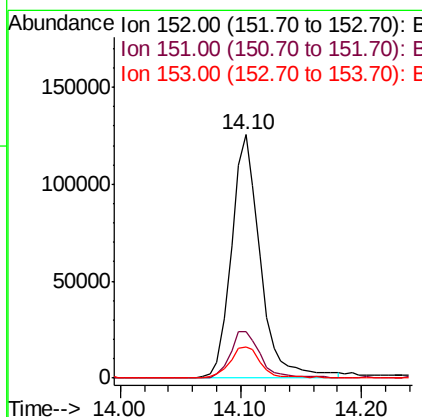
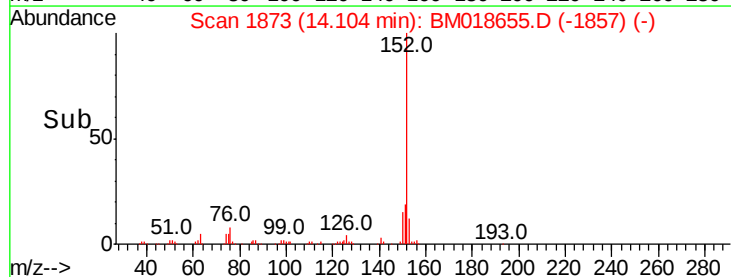
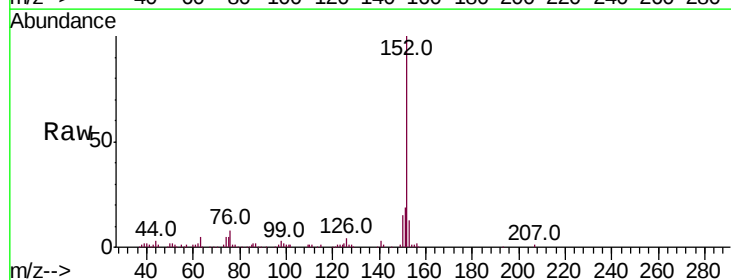
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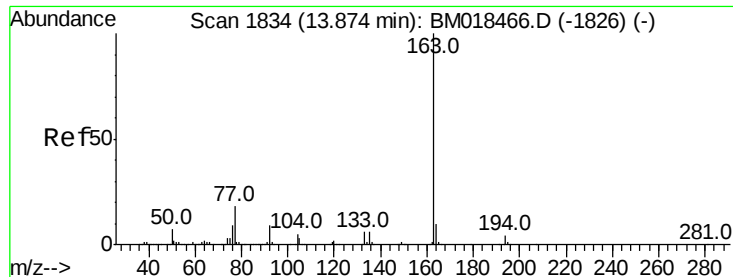
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#49
Acenaphthylene
Concen: 3.871 ng
RT: 14.10 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.7	10.5	15.7





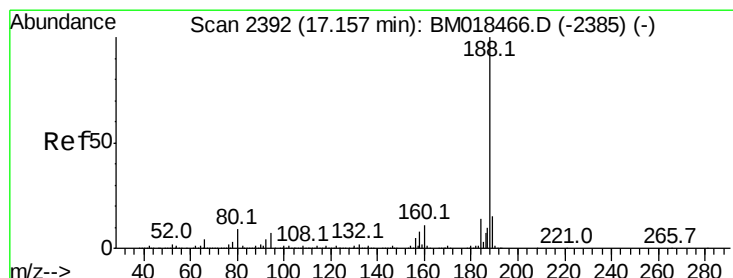
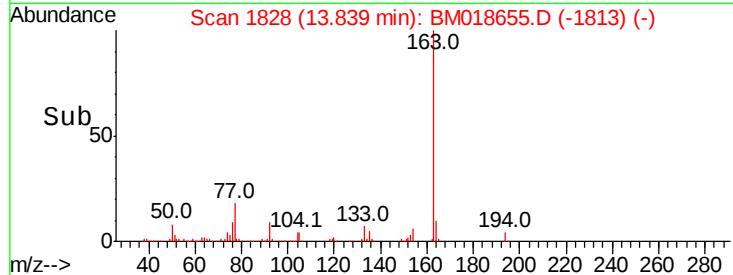
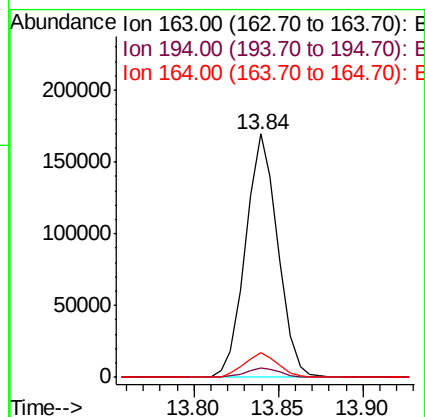
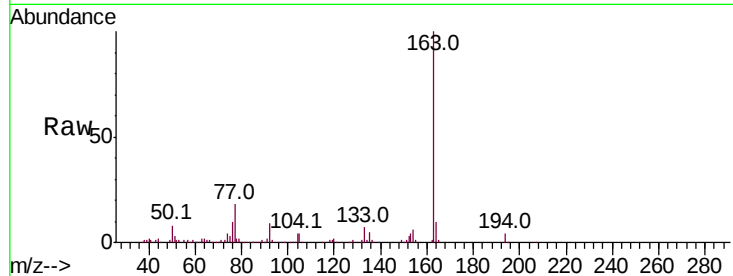
#50
Dimethylphthalate
Concen: 5.025 ng
RT: 13.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Instrument :
BNA_M
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Resp	Lower	Upper
163	100	226422		
194	4.1	3.0	4.6	
164	10.2	7.8	11.8	

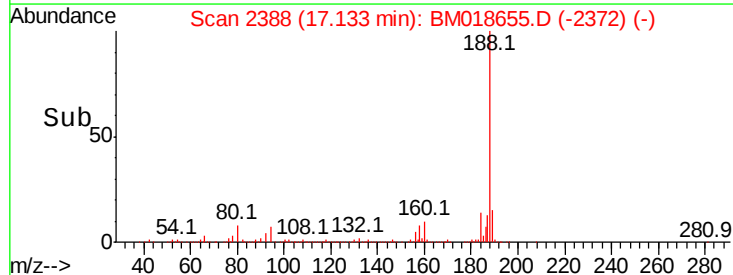
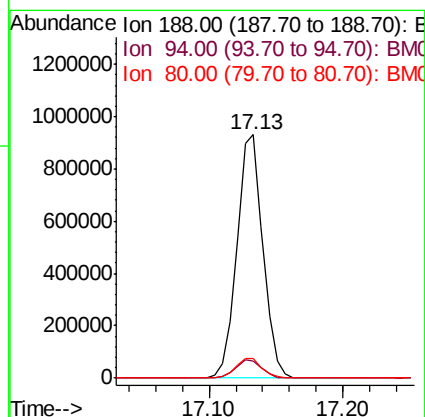
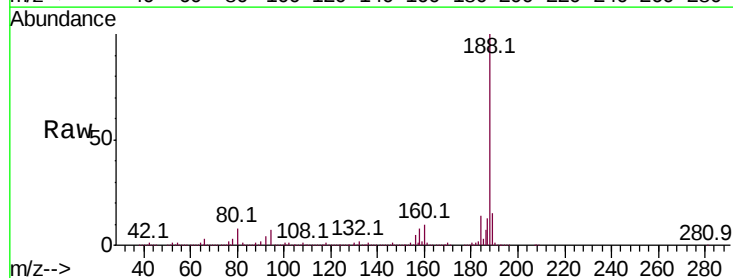
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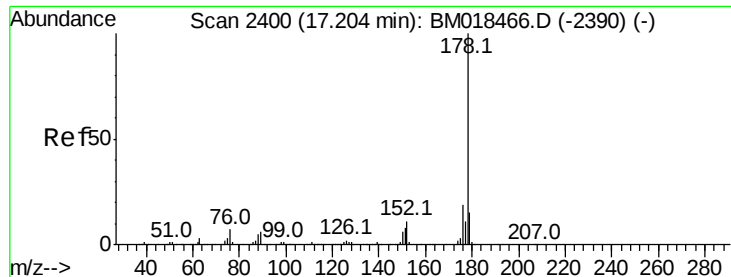
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1254766		
94	7.2	7.1	10.7	
80	7.9	7.6	11.4	





#71

Phenanthrene

Concen: 12.050 ng

RT: 17.17 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Instrument :

BNA_M

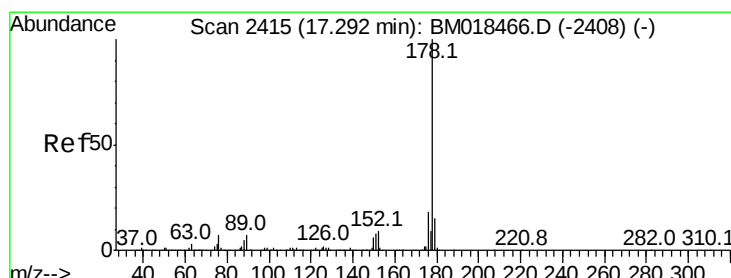
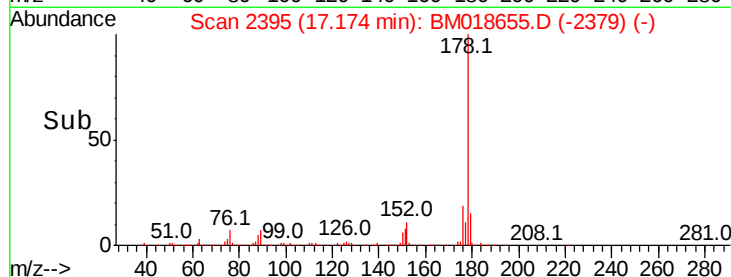
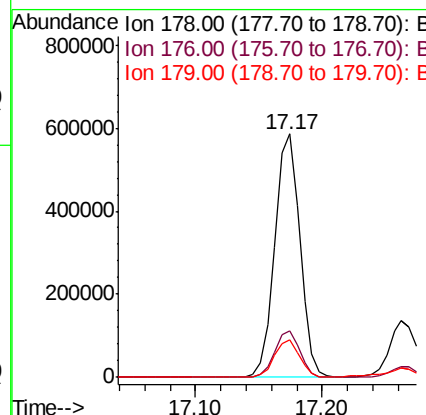
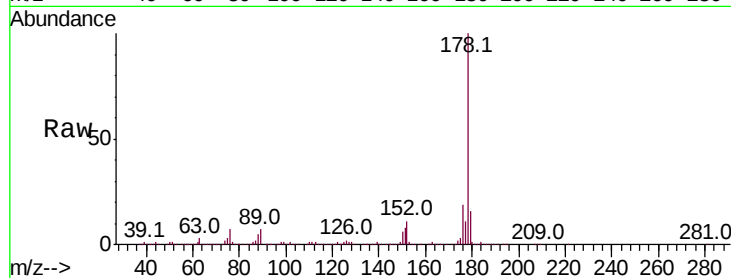
ClientSampleId :

WC-02-011519

Tot Ion:	178	Resp:	804247
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.0
179	15.6	12.2	18.4

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#72

Anthracene

Concen: 3.148 ng

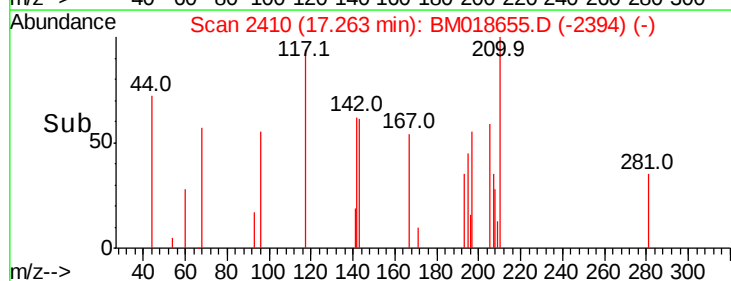
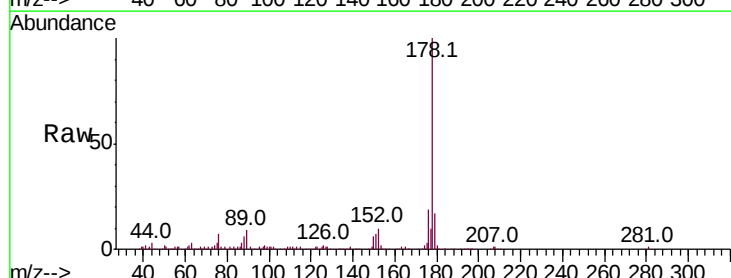
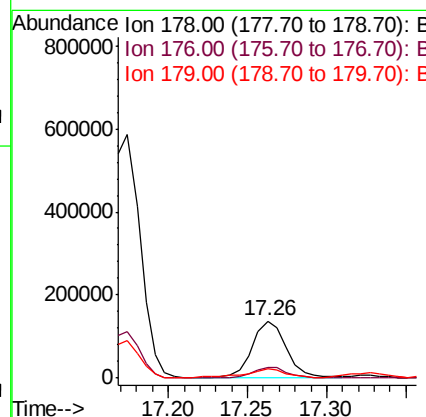
RT: 17.26 min Scan# 2410

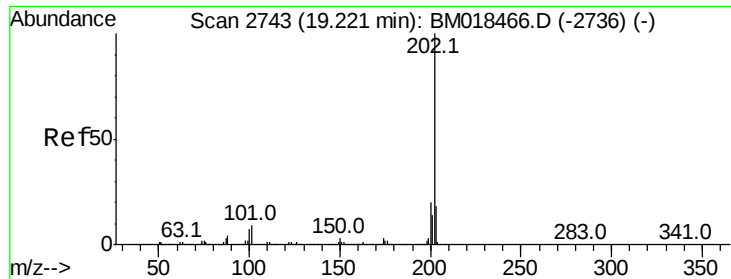
Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Tgt Ion:	178	Resp:	202049
Ion Ratio	Lower	Upper	
178	100		
176	19.3	14.7	22.1
179	16.8	12.2	18.4





#75

Fluoranthene

Concen: 17.054 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Instrument :

BNA_M

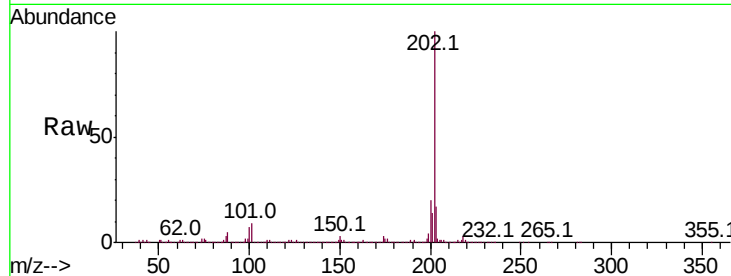
ClientSampleId :

WC-02-011519

Tot Ion:	202	Resp:	1312250
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.9
203	17.3	0.0	37.4

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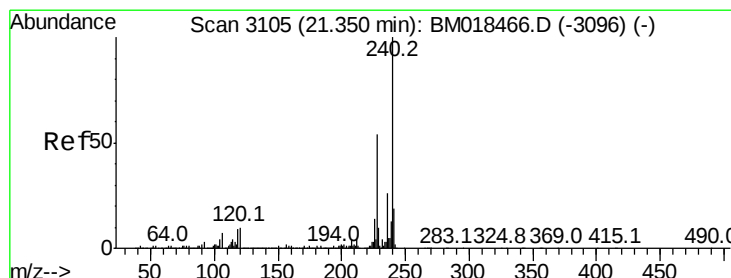
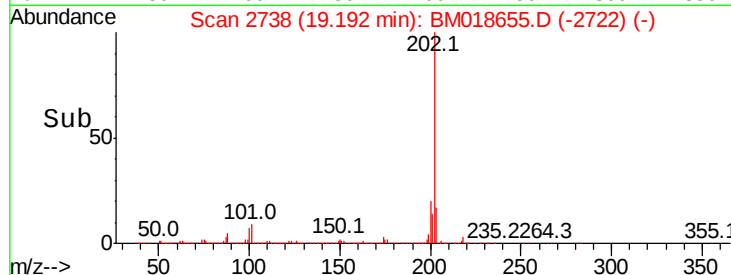
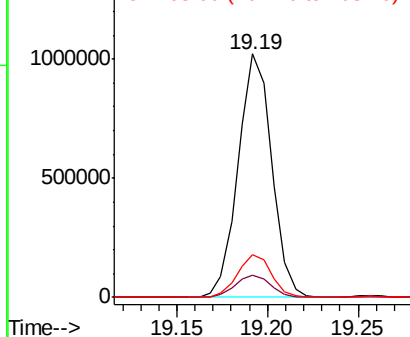


Abundance

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: 21.33 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

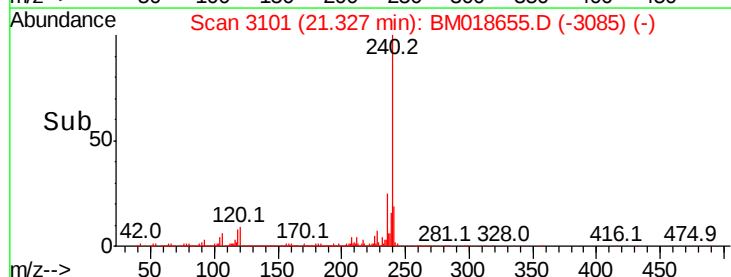
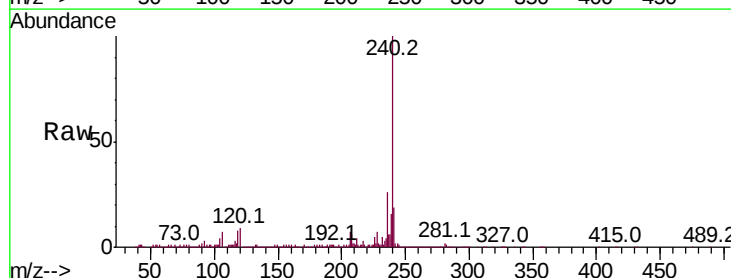
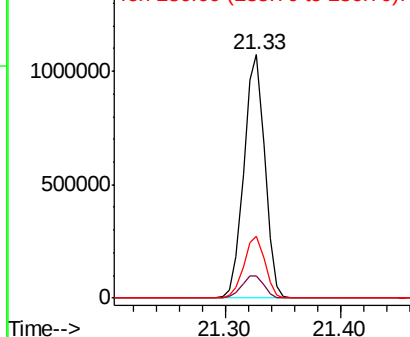
Tgt Ion:	240	Resp:	1346596
Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	25.5	20.7	31.1

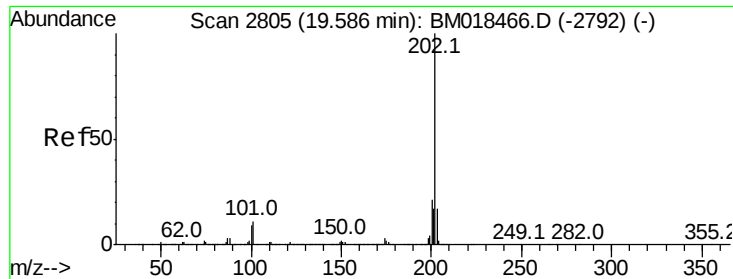
Abundance

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: 16.959 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Instrument :

BNA_M

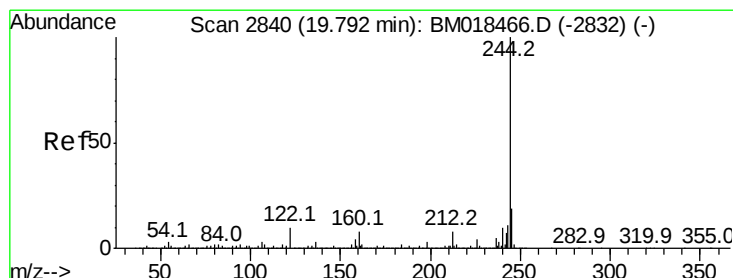
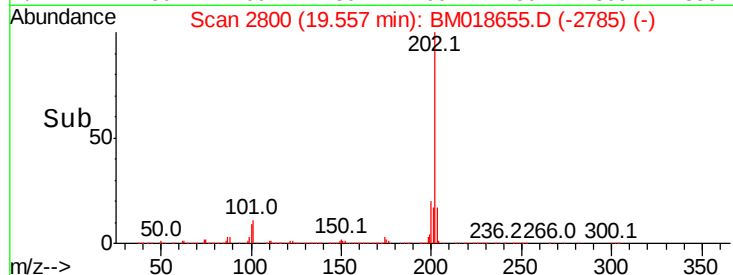
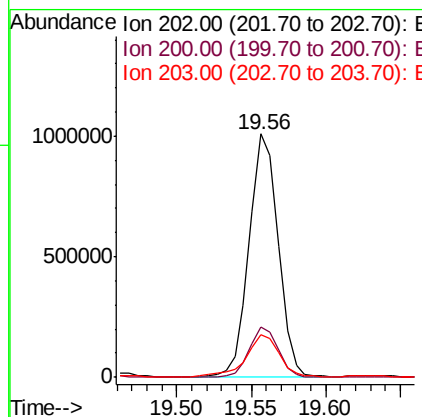
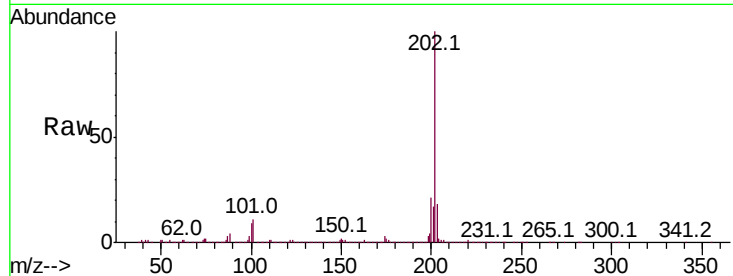
ClientSampleId :

WC-02-011519

Tot Ion:	202	Resp:	1353676
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	17.8	13.8	20.8

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#79

Terphenyl-d14

Concen: 61.125 ng

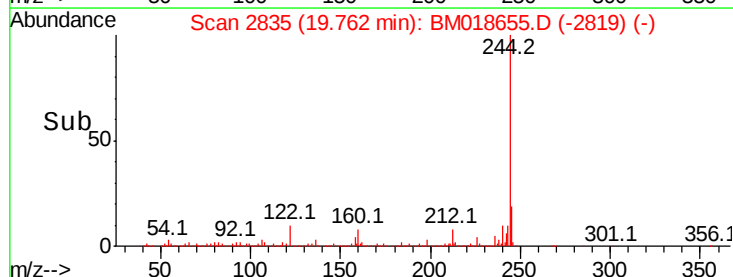
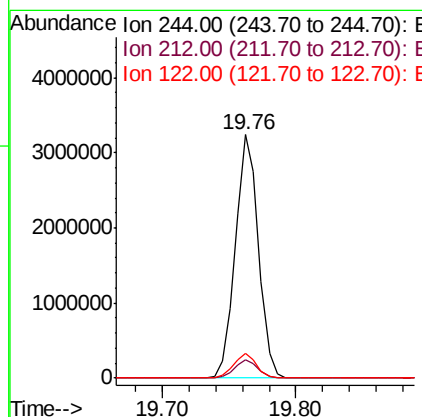
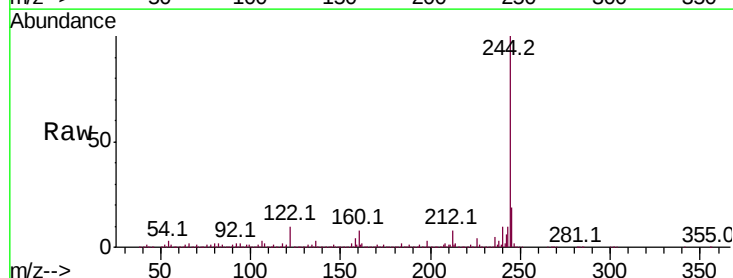
RT: 19.76 min Scan# 2835

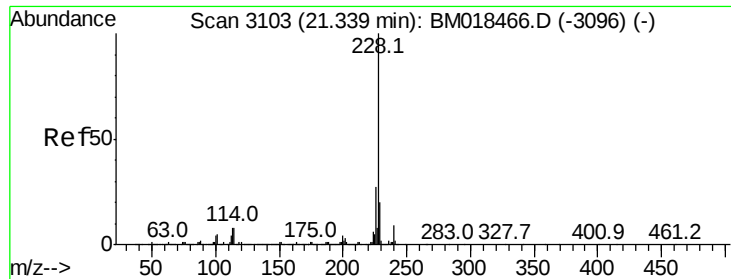
Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Tgt Ion:	244	Resp:	3904616
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.9	8.9
122	10.0	9.0	13.4





#81

Benzo(a)anthracene

Concen: 7.823 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Instrument :

BNA_M

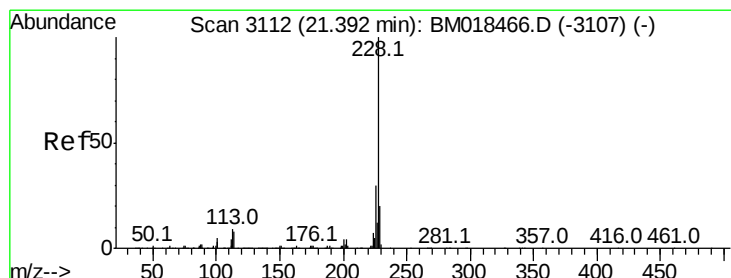
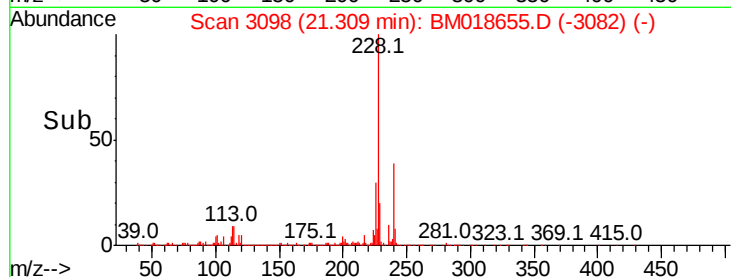
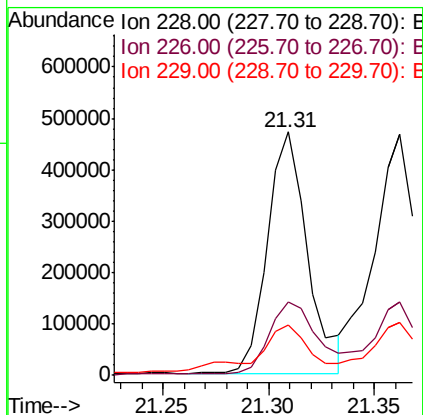
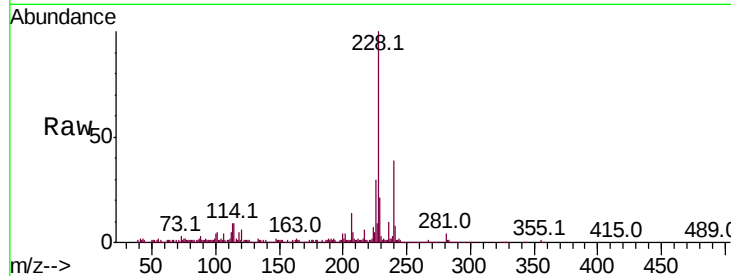
ClientSampleId :

WC-02-011519

Tot Ion:	228	Resp:	620621
Ion Ratio	Lower	Upper	
228	100		
226	30.0	21.8	32.6
229	20.9	15.8	23.8

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#83

Chrysene

Concen: 8.390 ng

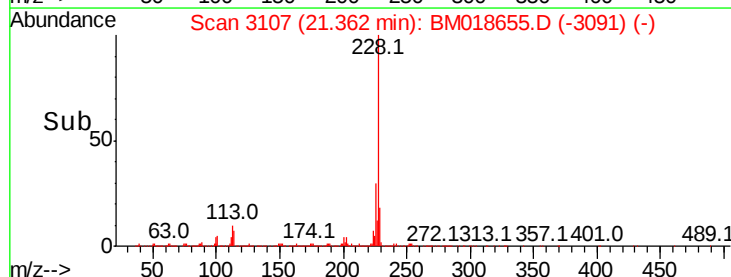
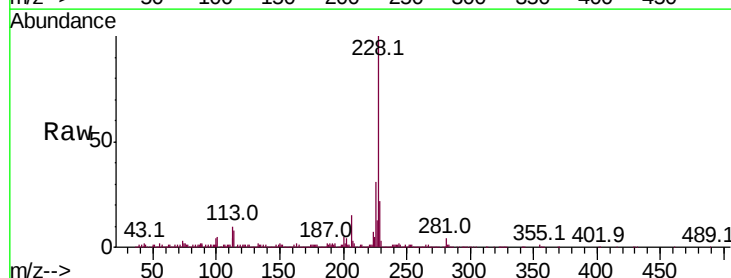
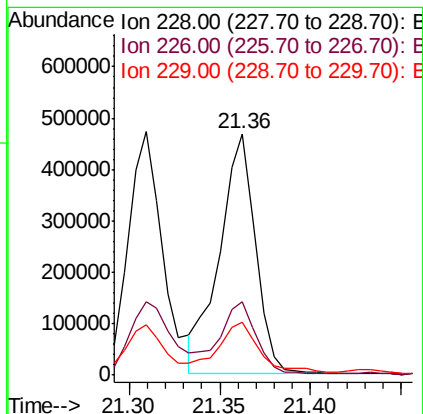
RT: 21.36 min Scan# 3107

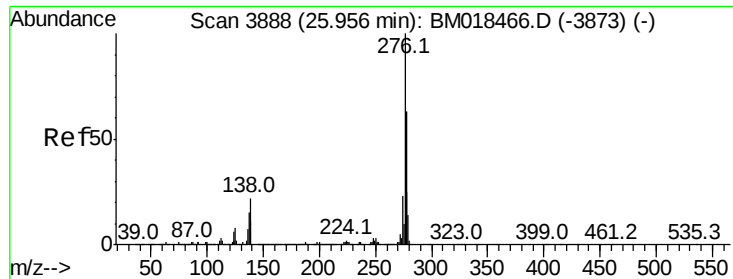
Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Tgt Ion:	228	Resp:	642700
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.2
229	21.9	15.6	23.4





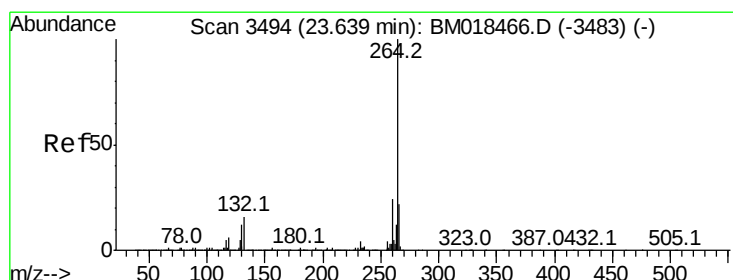
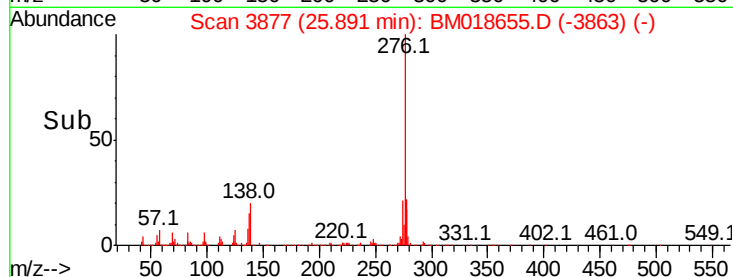
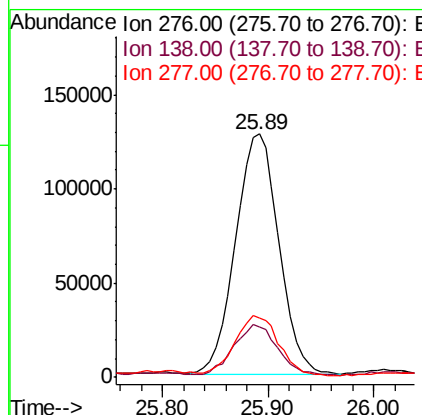
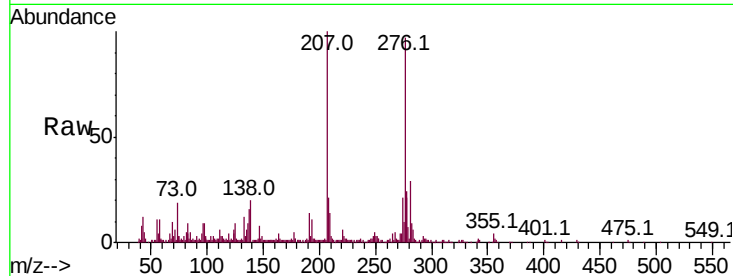
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.094 ng
RT: 25.89 min Scan# 3877
Delta R.T. -0.02 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Instrument :
BNA_M
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.5	32.3#
277	25.5	20.2	30.2

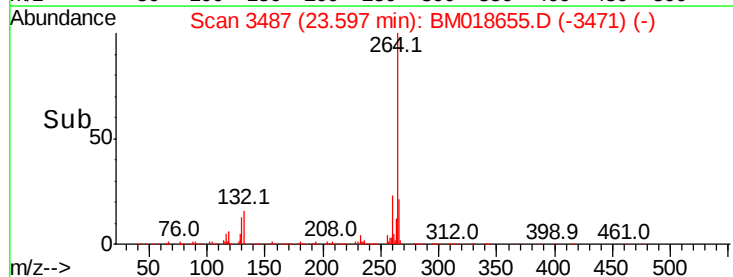
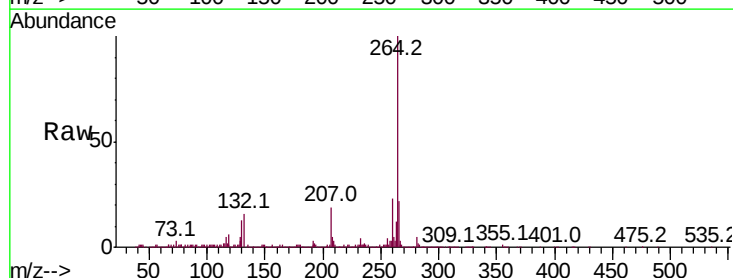
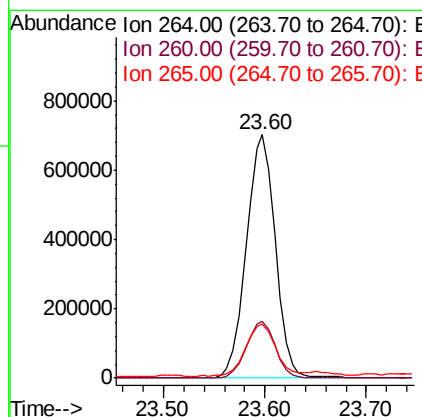
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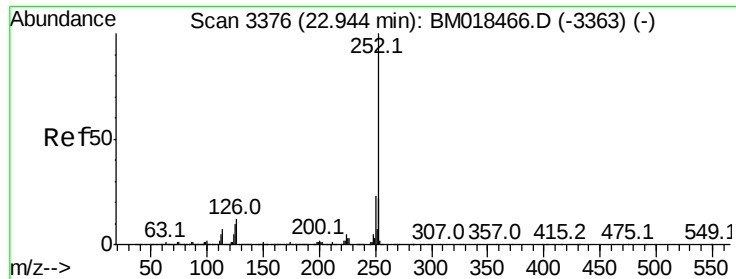
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.2	16.8	25.2





#88

Benzo(b)fluoranthene

Concen: 9.267 ng m

RT: 22.91 min Scan# 3370

Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Instrument :

BNA_M

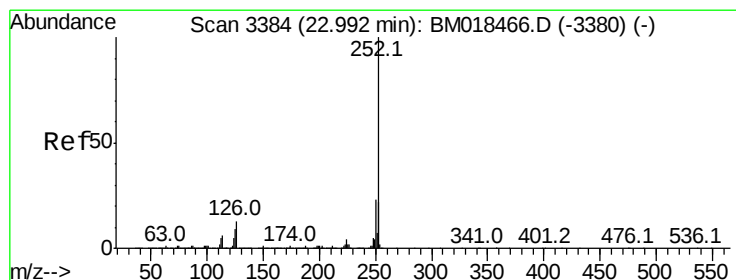
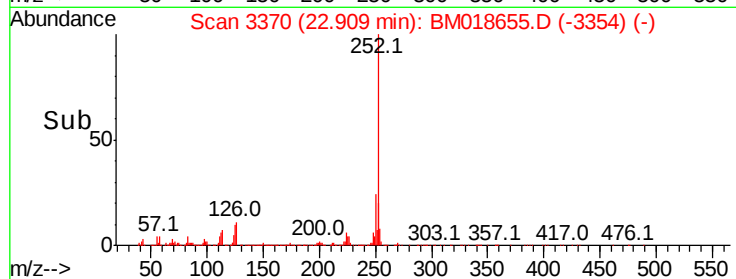
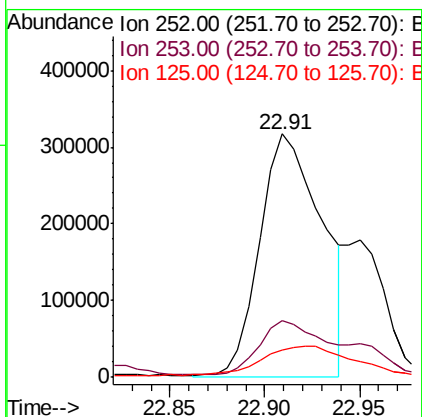
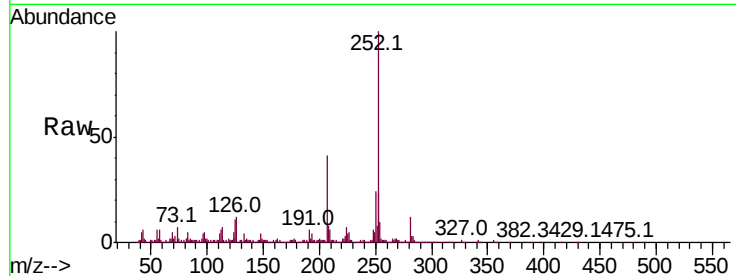
ClientSampleId :

WC-02-011519

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	11.1	8.5	12.7

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#89

Benzo(k)fluoranthene

Concen: 3.338 ng m

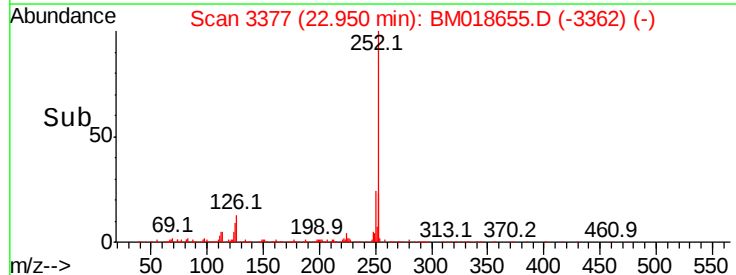
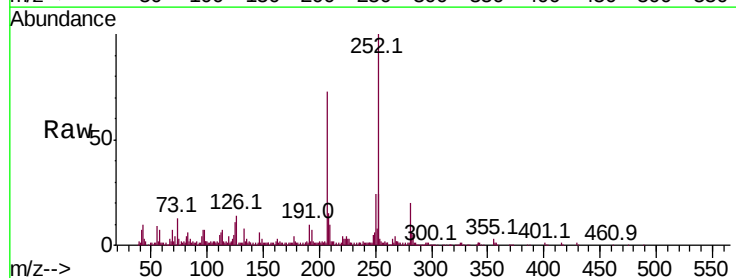
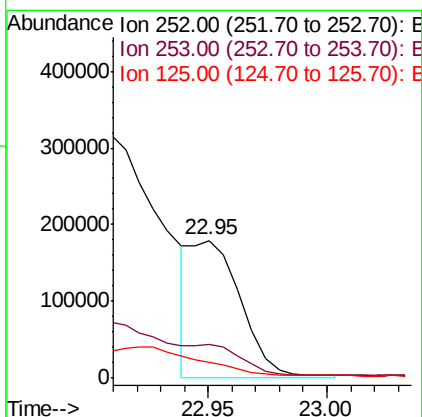
RT: 22.95 min Scan# 3377

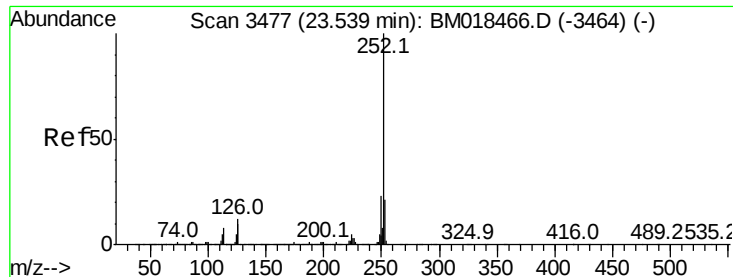
Delta R.T. -0.01 min

Lab File: BM018655.D

Acq: 25 Jan 2019 16:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	11.4	8.6	12.8





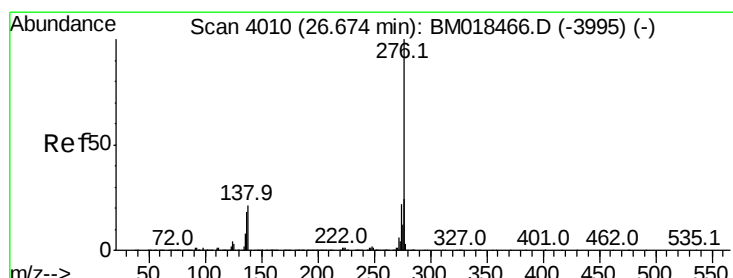
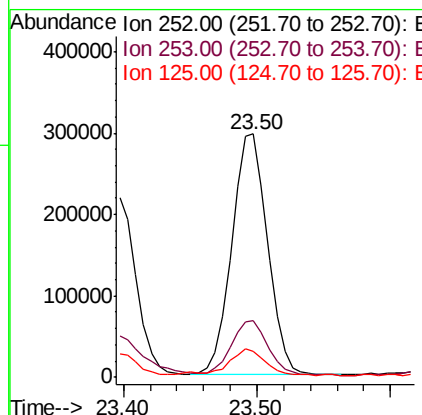
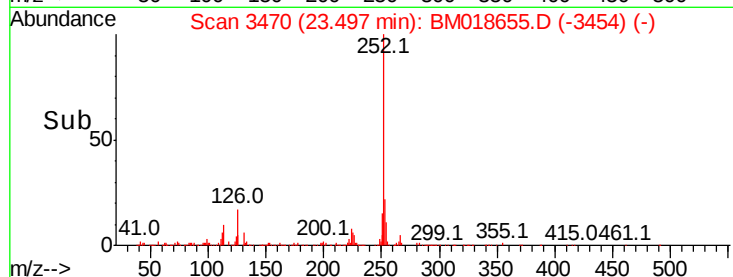
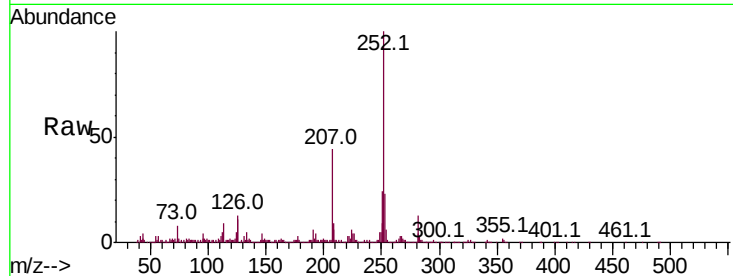
#90
Benzo(a)pyrene
Concen: 7.315 ng
RT: 23.50 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Instrument :
BNA_M
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.6	9.7	14.5

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#92
Benzo(g,h,i)perylene
Concen: 5.056 ng
RT: 26.60 min Scan# 3998
Delta R.T. -0.01 min
Lab File: BM018655.D
Acq: 25 Jan 2019 16:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	21.2	18.1	27.1

