

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018366.D
 Acq On : 21 Dec 2018 20:40
 Operator : JU/SJ
 Sample : J6389-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-1218-01

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:20:09 PM

Quant Time: Dec 22 05:33:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	109731	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	441562	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	264087	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	586857	20.00	ng	0.00
76) Chrysene-d12	21.16	240	609172	20.00	ng	0.01
87) Perylene-d12	23.33	264	593746	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	797030	121.34	ng	0.00
7) Phenol-d6	6.70	99	1097837	120.24	ng	0.00
23) Nitrobenzene-d5	8.65	82	733944	85.26	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	425908	109.88	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1400837	68.71	ng	-0.02
79) Terphenyl-d14	19.58	244	2023708	75.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	62927	11.307	ng	Qvalue 86
10) Phenol	6.73	94	138094	14.282	ng	90
20) 3+4-Methylphenols	8.29	107	29068	3.213	ng	87
49) Acenaphthylene	13.87	152	93681	3.555	ng	99
50) Dimethylphthalate	13.62	163	67211	3.061	ng	99
68) Hexachlorobenzene	16.22	284	87848	11.282	ng	# 92
71) Phenanthrene	16.96	178	276806	8.684	ng	# 94
75) Fluoranthene	19.00	202	160326	4.326	ng	87
78) Pyrene	19.37	202	270994	7.466	ng	# 91
81) Benzo(a)anthracene	21.14	228	95048	2.671	ng	# 75
83) Chrysene	21.19	228	192177	5.615	ng	# 72
88) Benzo(b)fluoranthene	22.69	252	111093m	3.331	ng	

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

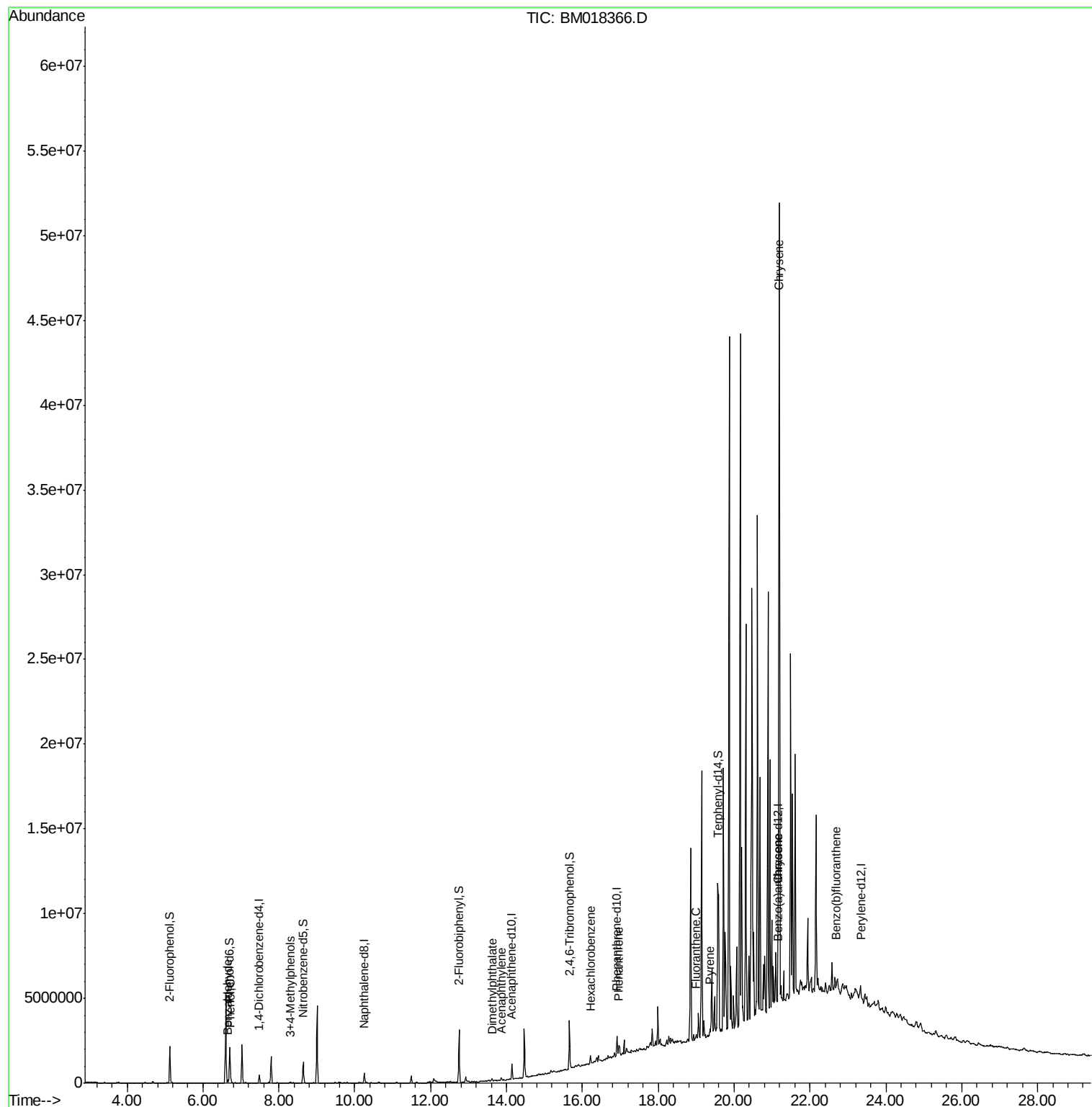
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018366.D
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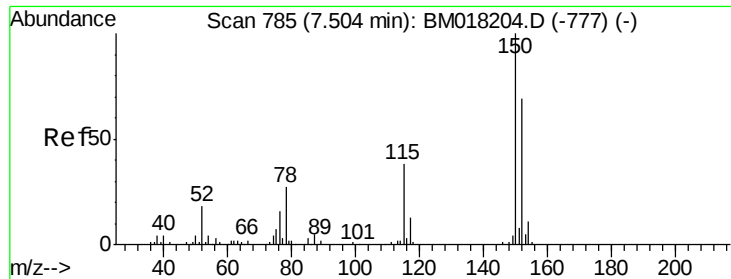
Instrument :
BNA_M
ClientSampleId :
P001-SS013-1218-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

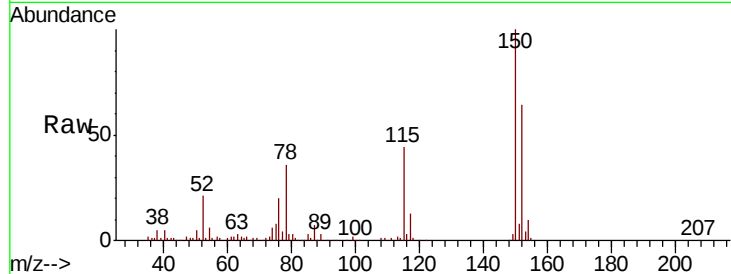
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1218-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	116.1	174.1
115	69.0	44.6	67.0

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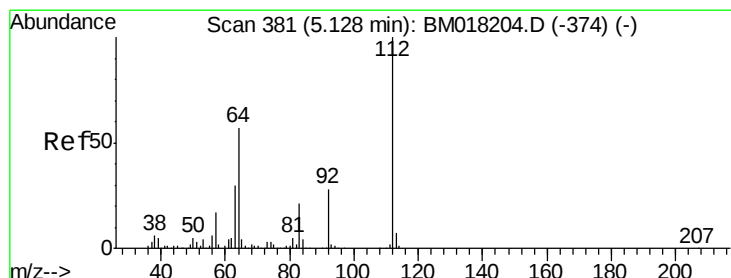
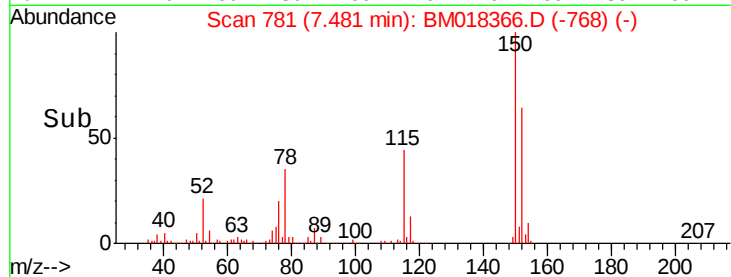
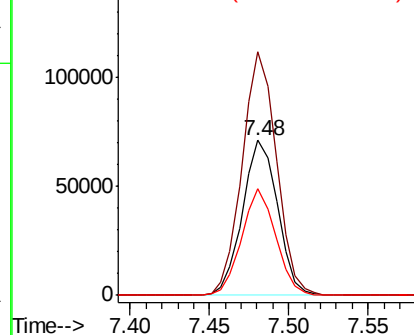


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

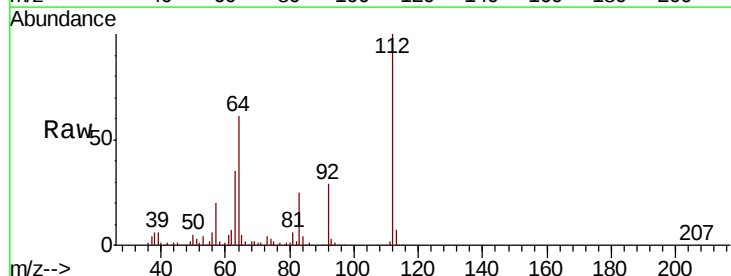
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.335 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	45.4	68.2
63	34.7	24.0	36.0

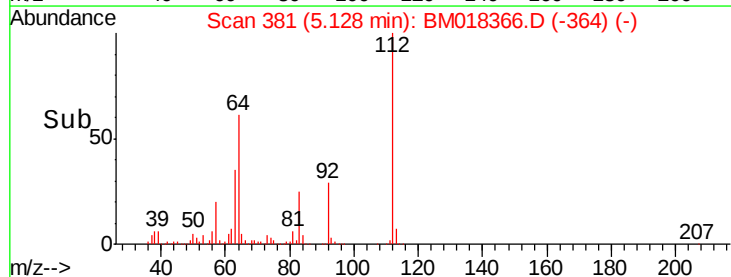
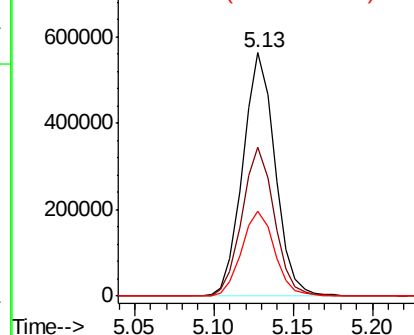


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 120.243 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1218-01

Tot Ion: 99 Resp: 1097837

Ion Ratio Lower Upper

99 100

42 17.4 12.3 18.5

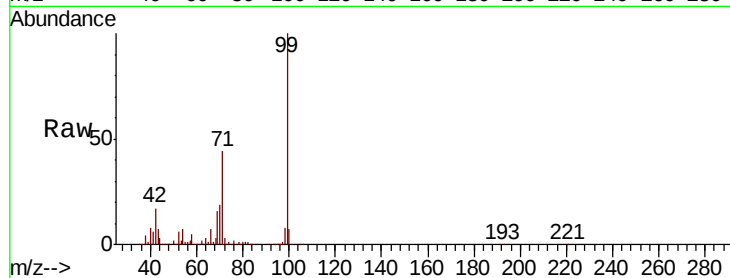
71 43.7 30.2 45.2

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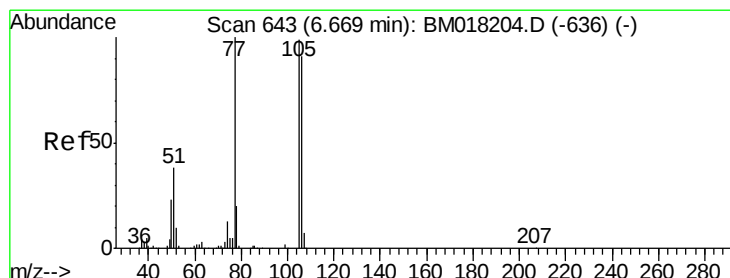
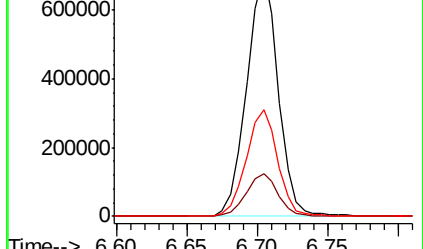
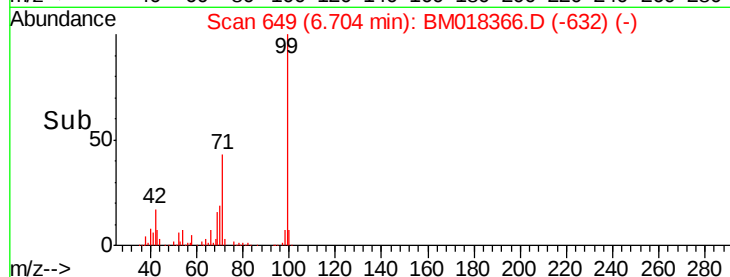


Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)

Time-->



#9

Benzaldehyde

Concen: 11.307 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

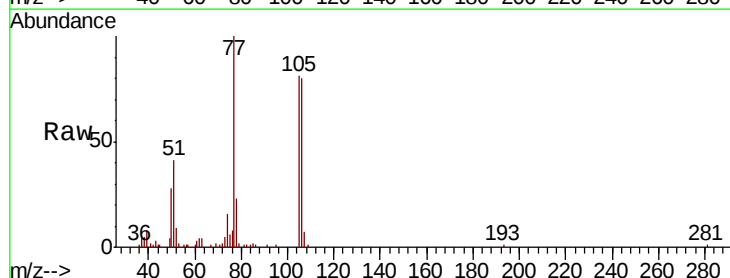
Tgt Ion: 77 Resp: 62927

Ion Ratio Lower Upper

77 100

105 81.4 78.8 118.8

106 80.3 70.7 110.7

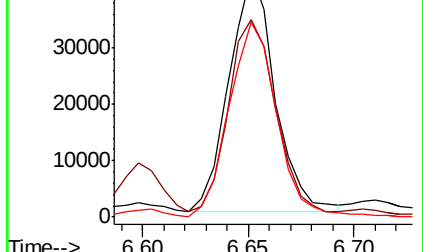
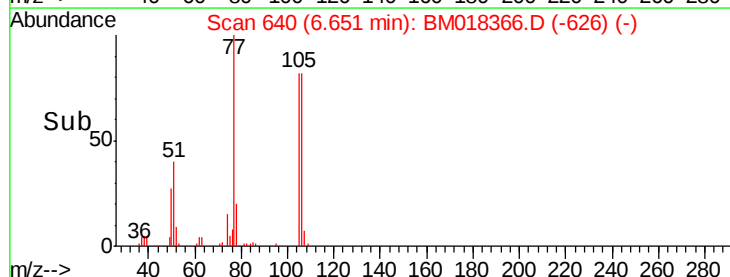


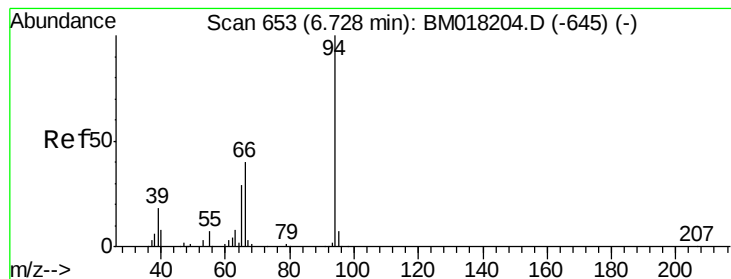
Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM018204.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM018204.D (-636) (-)

Time-->





#10

Phenol

Concen: 14.282 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

Instrument :

BNA_M

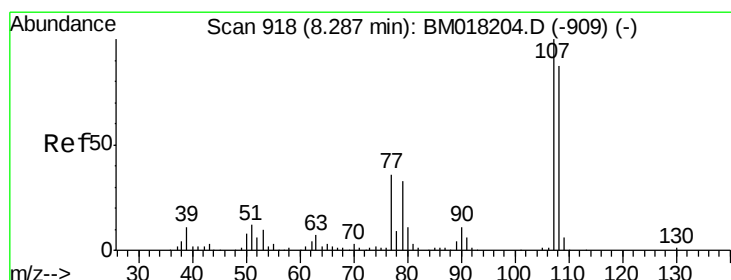
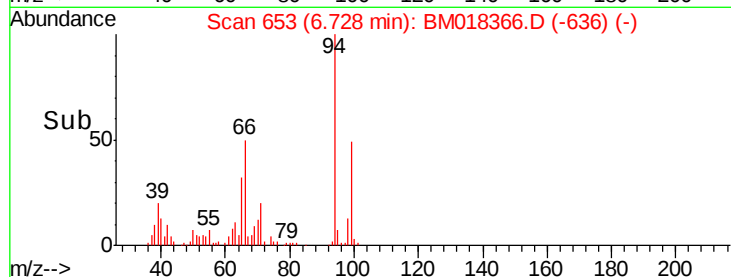
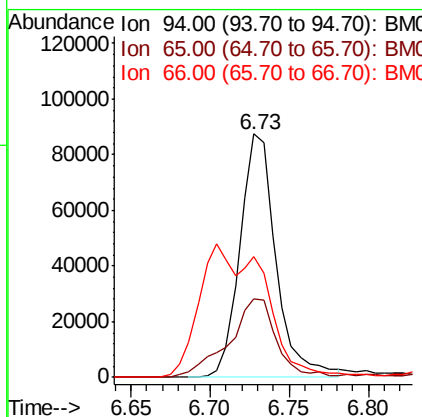
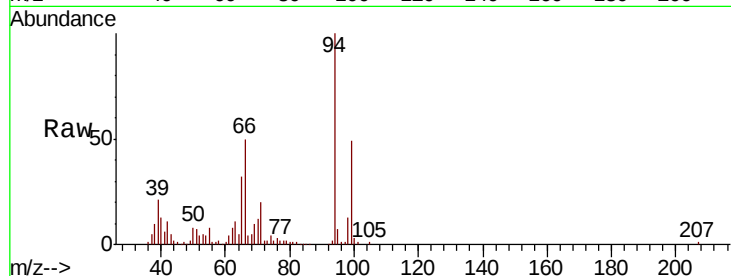
ClientSampleId :

P001-SS013-1218-01

Tot Ion:	94	Resp:	138094
Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.5	49.5
66	49.8	21.3	61.3

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#20

3+4-Methylphenols

Concen: 3.213 ng

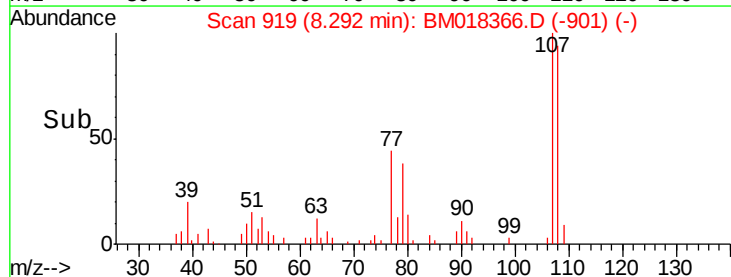
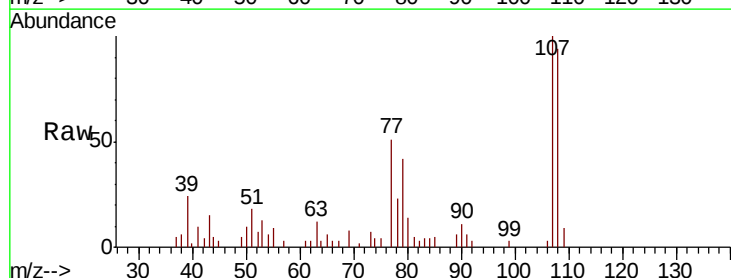
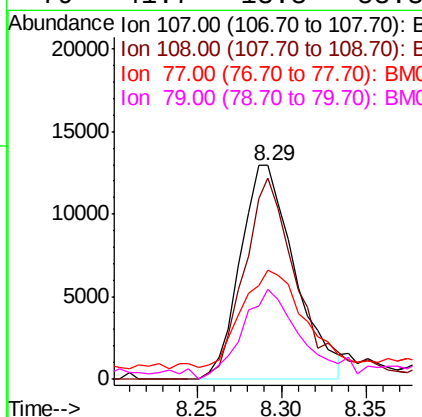
RT: 8.29 min Scan# 919

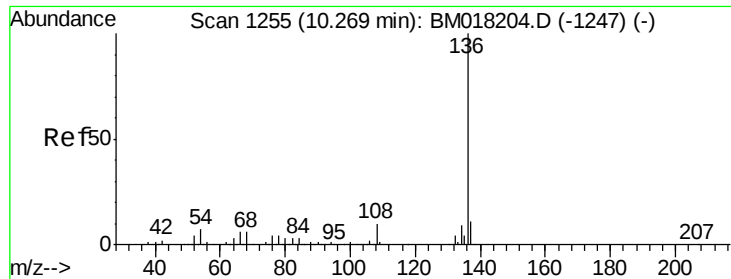
Delta R.T. 0.01 min

Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

Tgt Ion:	107	Resp:	29068
Ion	Ratio	Lower	Upper
107	100		
108	94.3	67.4	107.4
77	50.7	15.7	55.7
79	41.7	13.3	53.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

Instrument :

BNA_M

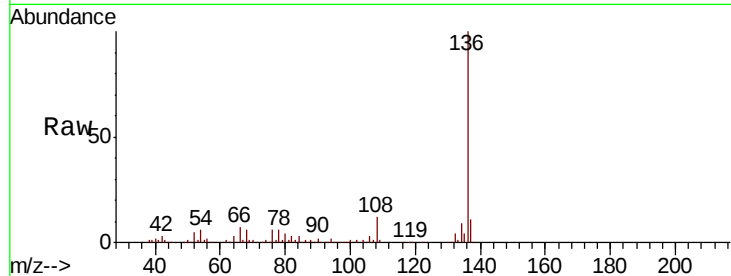
ClientSampleId :

P001-SS013-1218-01

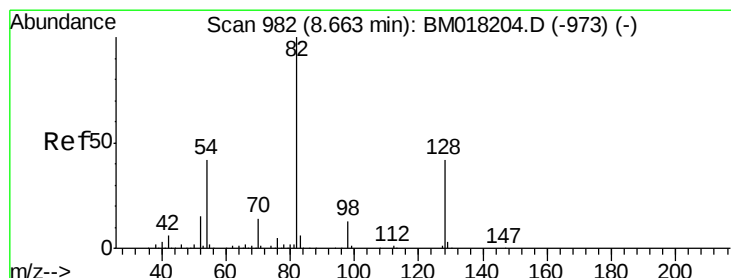
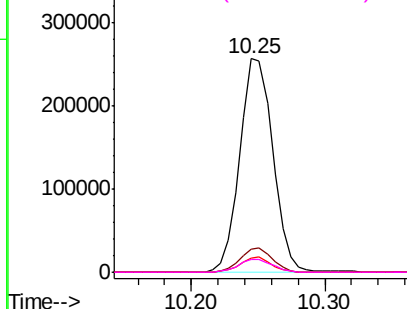
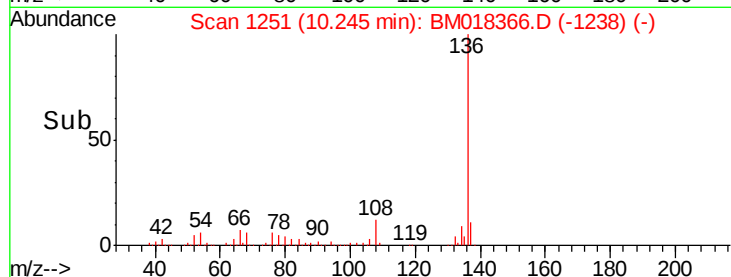
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		441562		
137	10.6		9.2	13.8	
54	6.4		5.2	7.8	
68	5.9		5.0	7.6	

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Abundance Ion 136.00 (135.70 to 136.70): E
400000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 85.258 ng

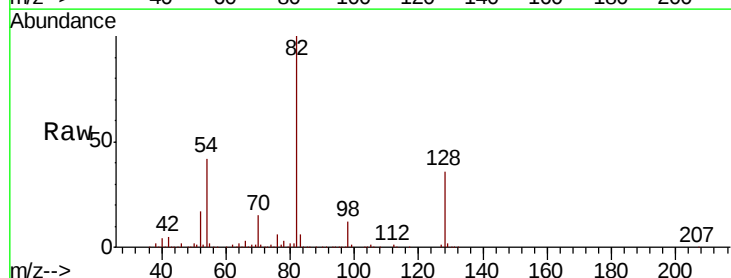
RT: 8.65 min Scan# 979

Delta R.T. -0.02 min

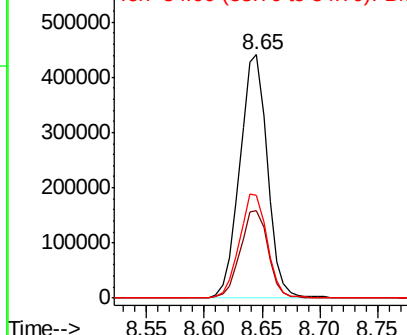
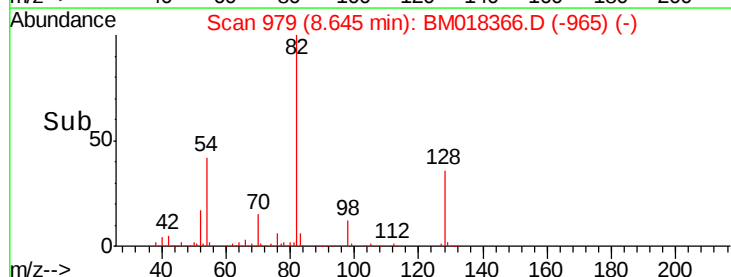
Lab File: BM018366.D

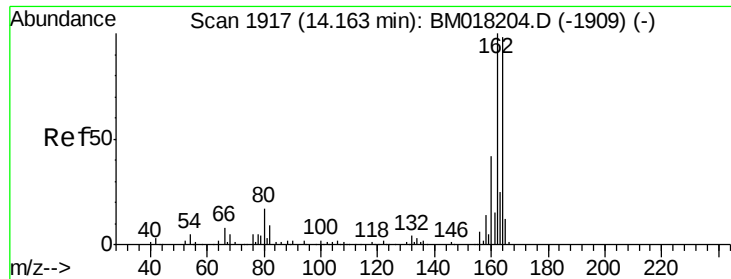
Acq: 21 Dec 2018 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		733944		
128	35.8		33.4	50.2	
54	42.4		33.4	50.2	



Abundance Ion 82.00 (81.70 to 82.70): BM
600000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





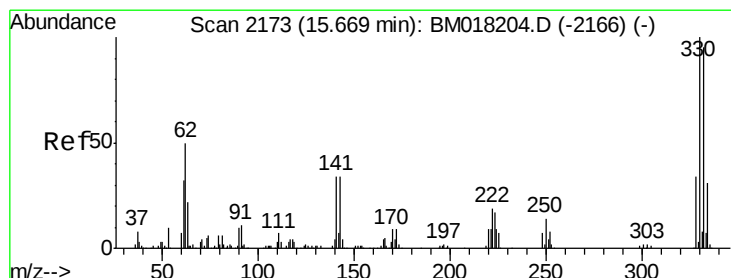
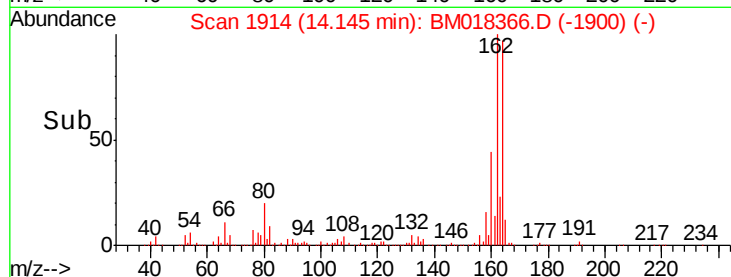
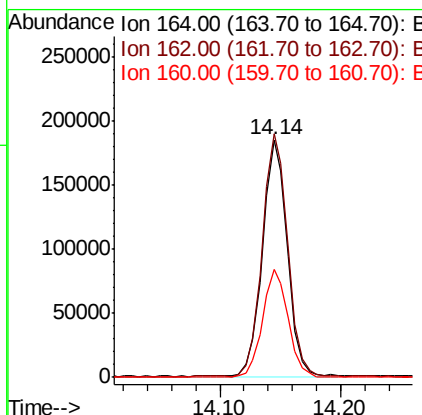
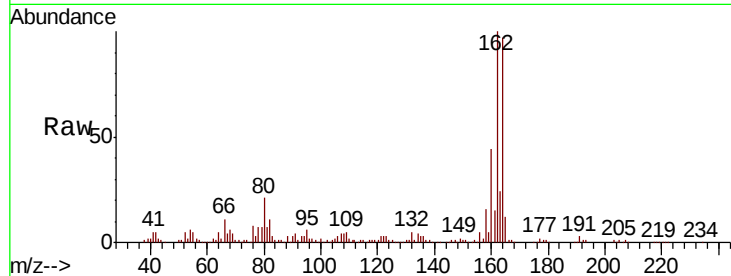
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1218-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	45.4	34.6	51.8

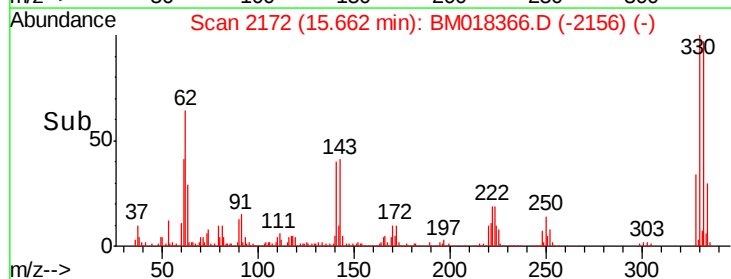
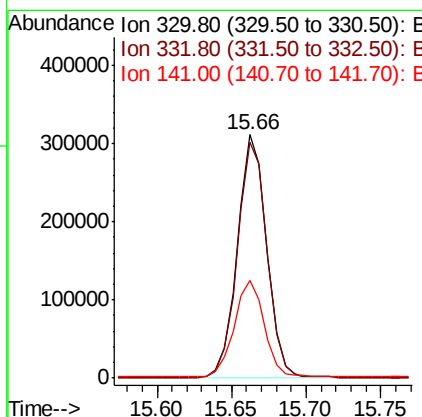
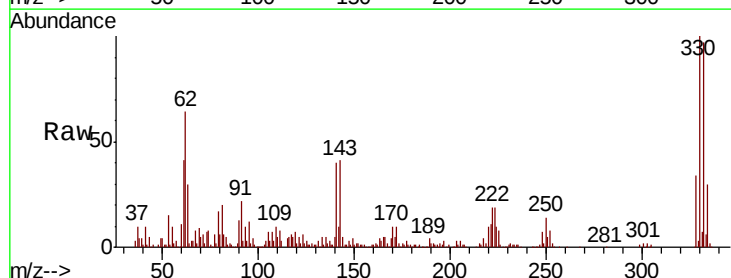
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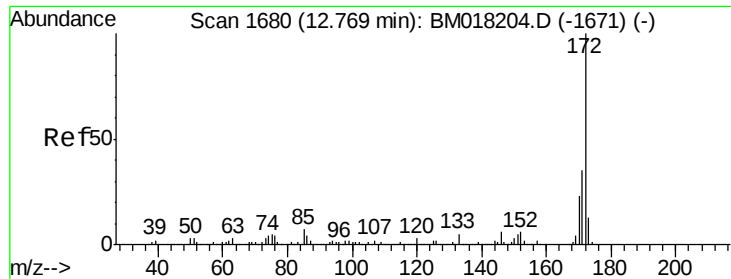
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#42
2,4,6-Tribromophenol
Concen: 109.882 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.6	118.0
141	40.8	27.1	40.7#





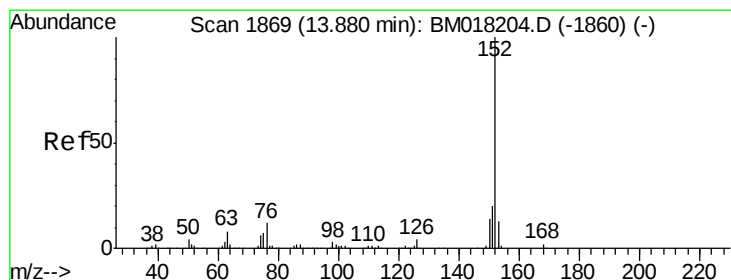
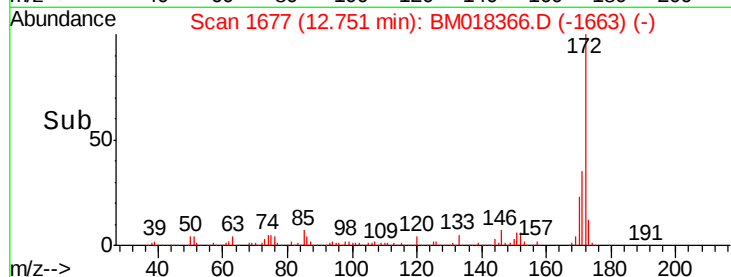
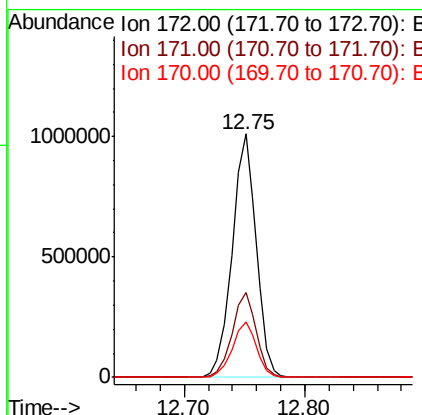
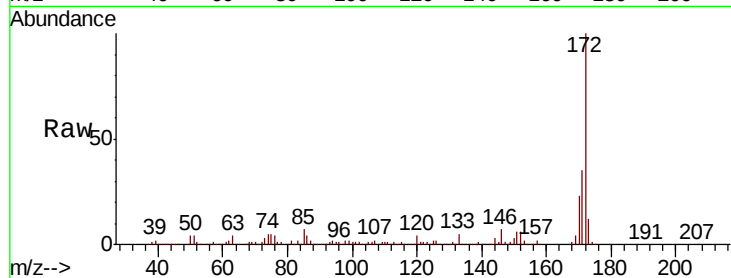
#45
2-Fluorobiphenyl
Concen: 68.705 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1218-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.9	18.1	27.1

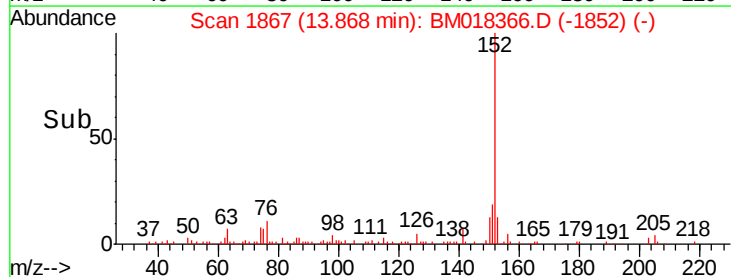
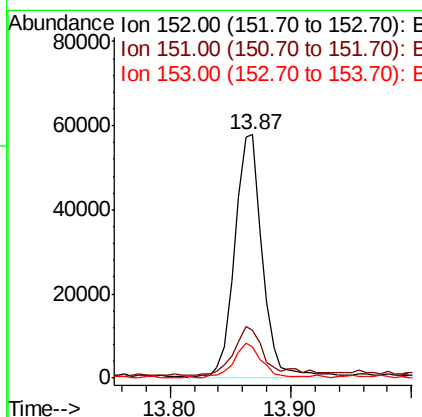
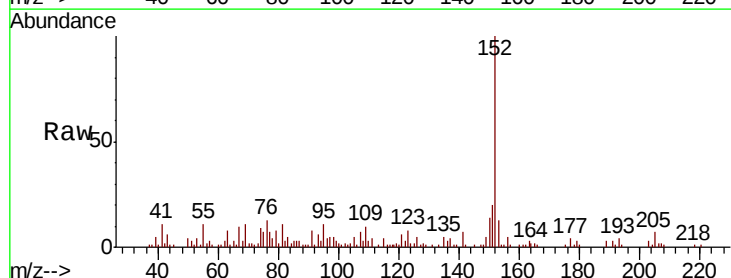
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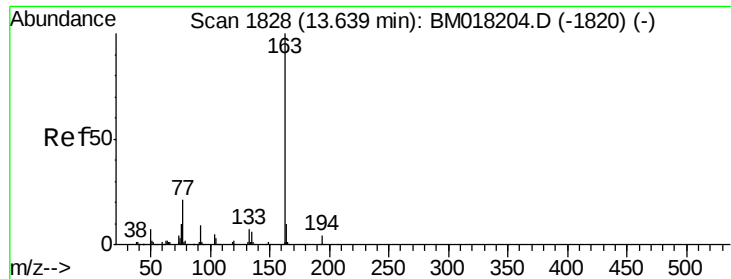
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#49
Acenaphthylene
Concen: 3.555 ng
RT: 13.87 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	12.9	10.2	15.2





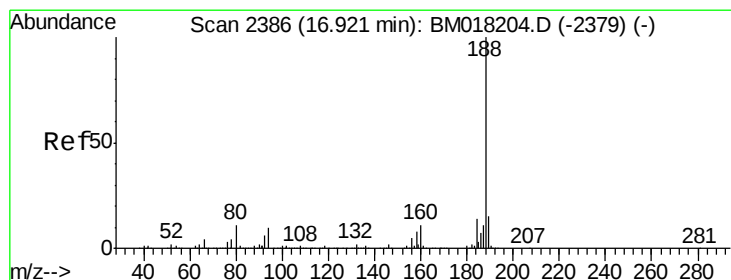
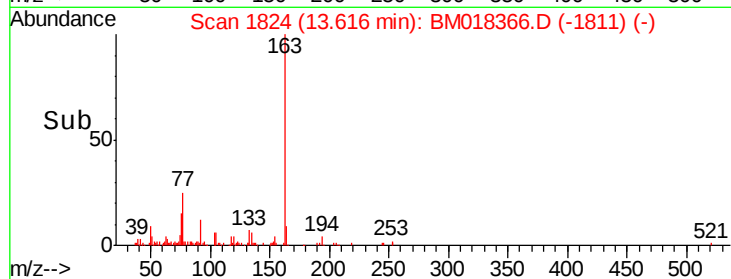
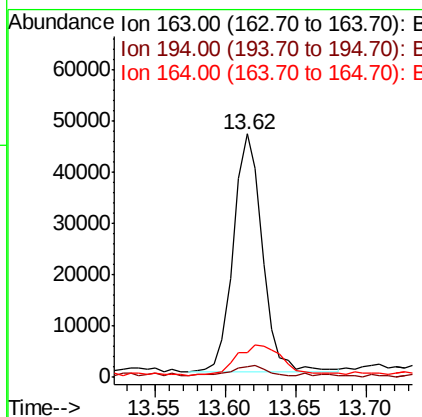
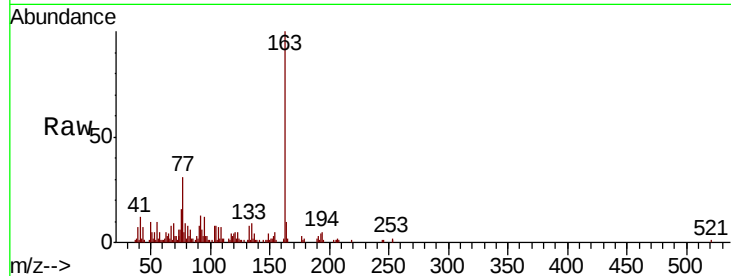
#50
Dimethylphthalate
Concen: 3.061 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1218-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	10.1	7.9	11.9

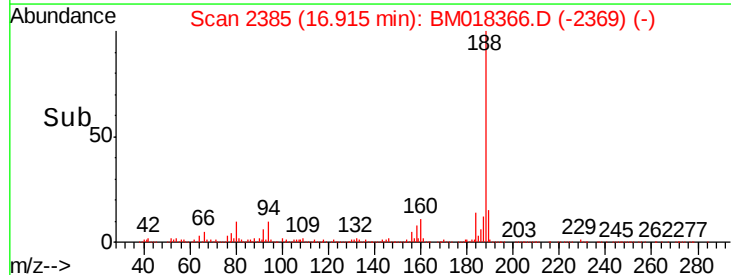
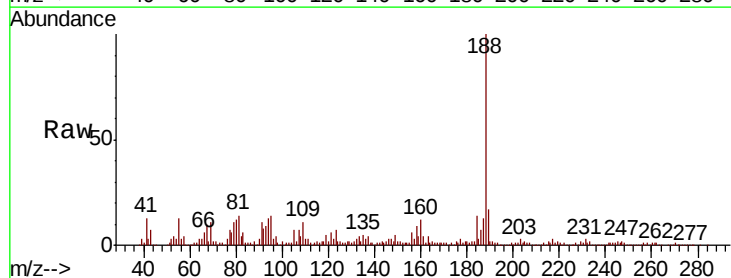
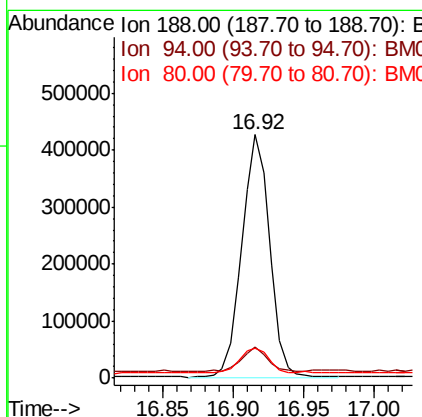
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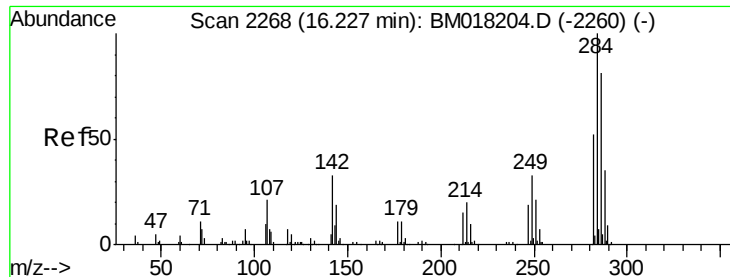
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.0	12.0#
80	12.1	9.0	13.6





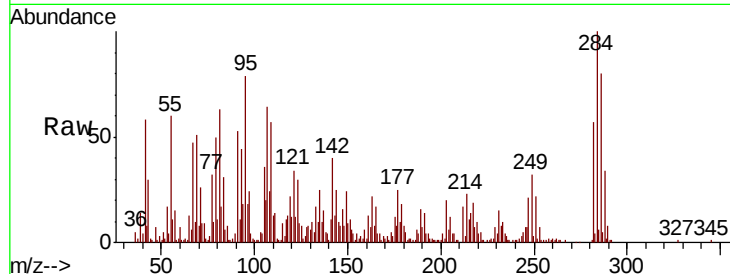
#68
Hexachlorobenzene
Concen: 11.282 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1218-01

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.2	26.2	39.4#
249	31.6	26.2	39.2

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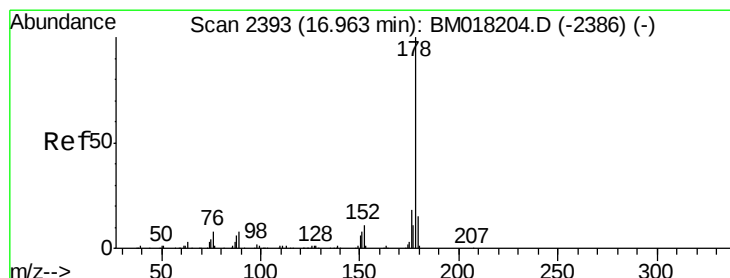
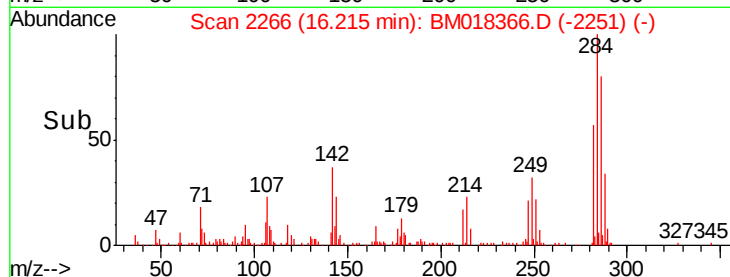
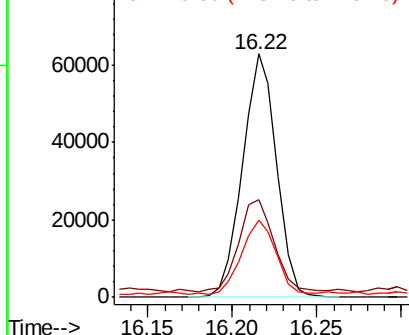


Abundance

Ion 283.80 (283.50 to 284.50): E

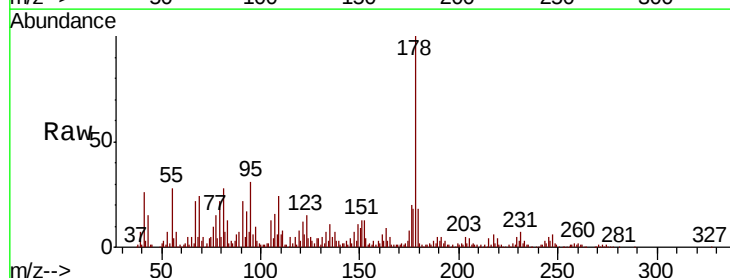
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#71
Phenanthrene
Concen: 8.684 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.7	22.1
179	18.4	12.0	18.0#

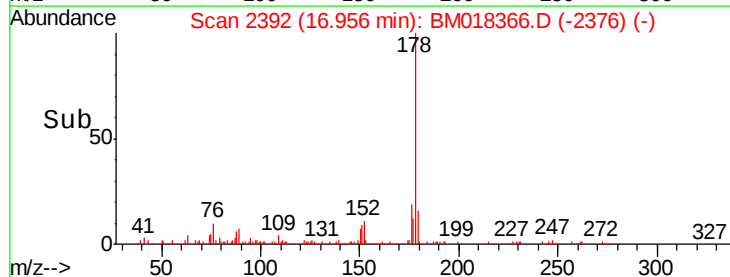
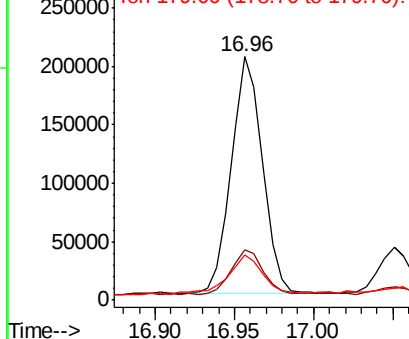


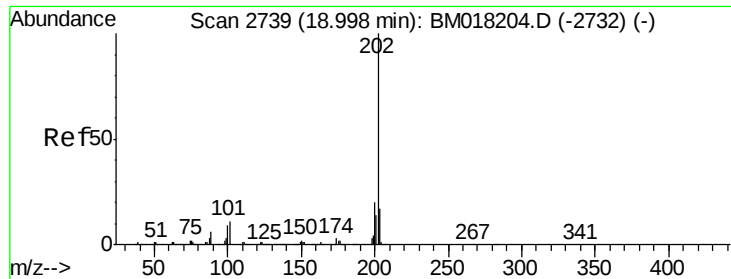
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





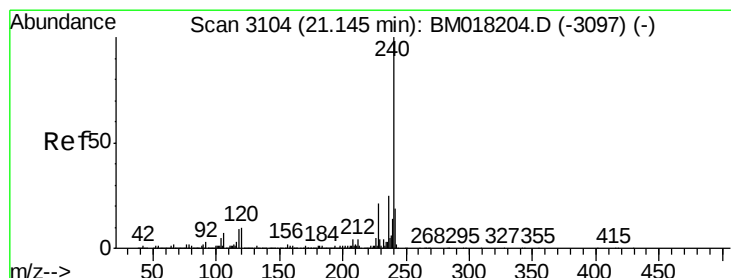
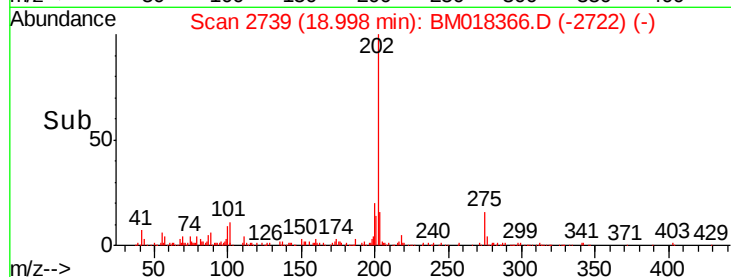
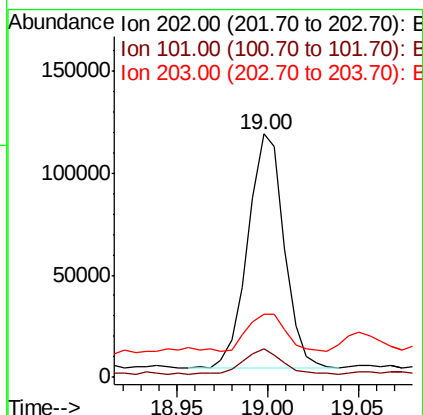
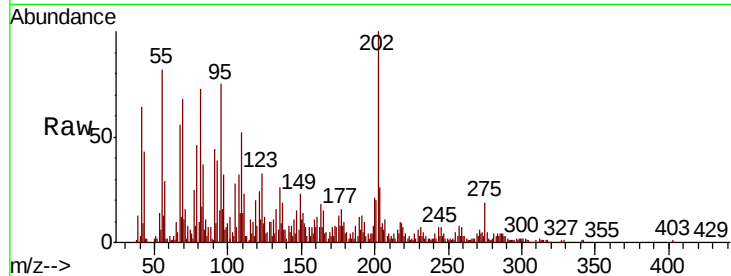
#75
Fluoranthene
Concen: 4.326 ng
RT: 19.00 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1218-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	30.5
203	25.8	0.0	37.5

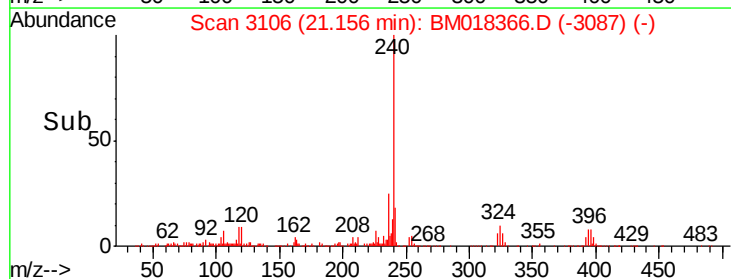
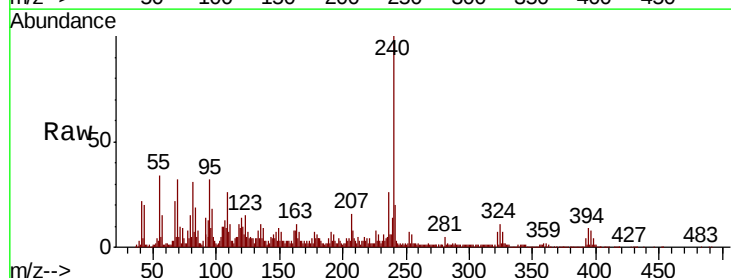
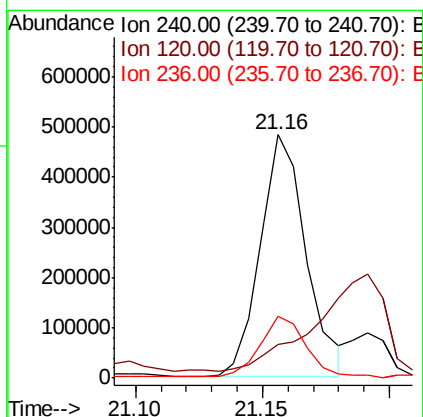
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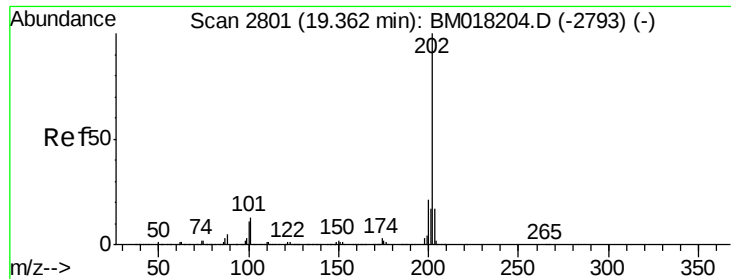
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	8.2	12.2#
236	25.6	20.3	30.5





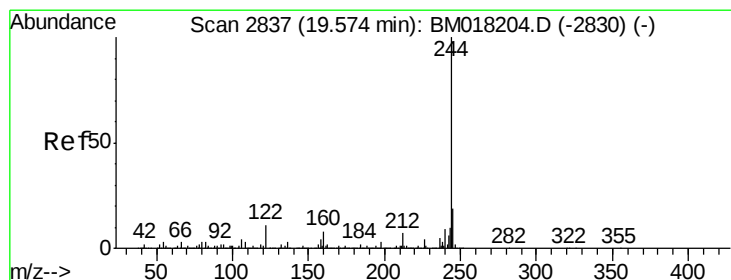
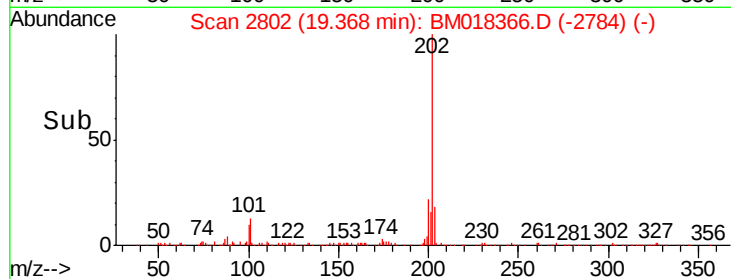
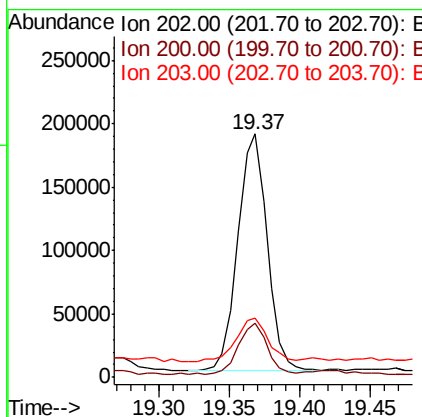
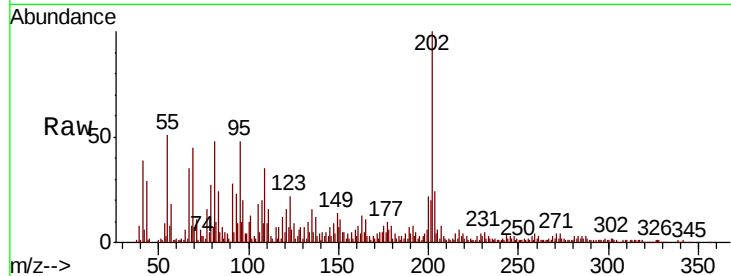
#78
Pvrene
Concen: 7.466 ng
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1218-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	16.5	24.7
203	24.2	14.0	21.0

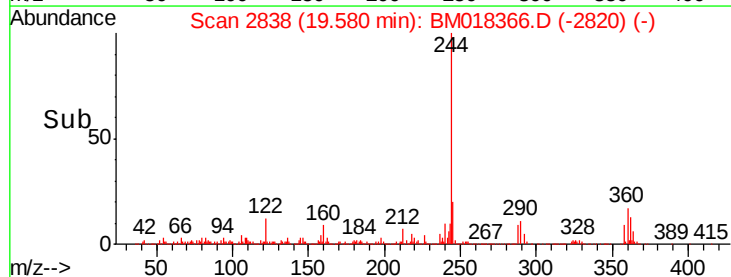
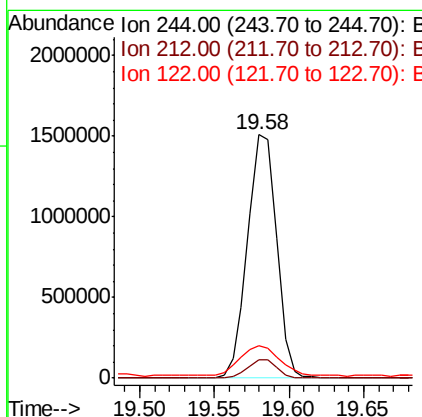
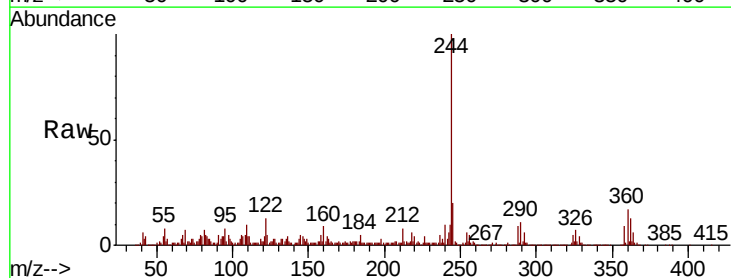
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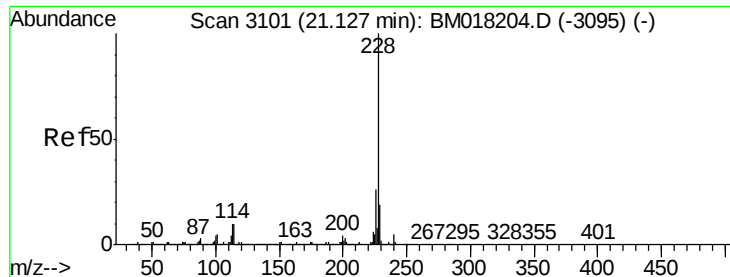
Sohil
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#79
Terphenyl-d14
Concen: 75.133 ng
RT: 19.58 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BM018366.D
Acq: 21 Dec 2018 20:40

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.8	8.8
122	13.3	9.0	13.6





#81

Benzo(a)anthracene

Concen: 2.671 ng

RT: 21.14 min Scan# 3104

Delta R.T. 0.02 min

Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

Instrument :

BNA_M

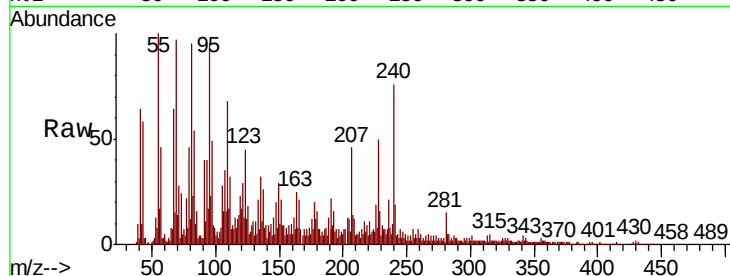
ClientSampleId :

P001-SS013-1218-01

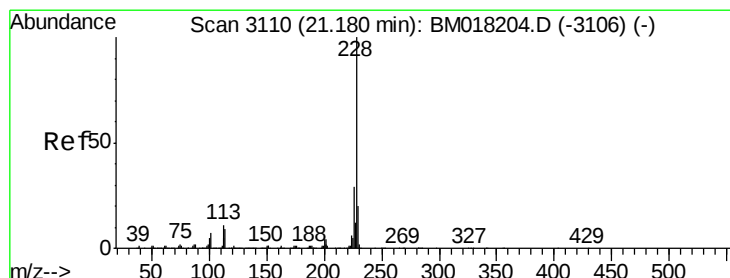
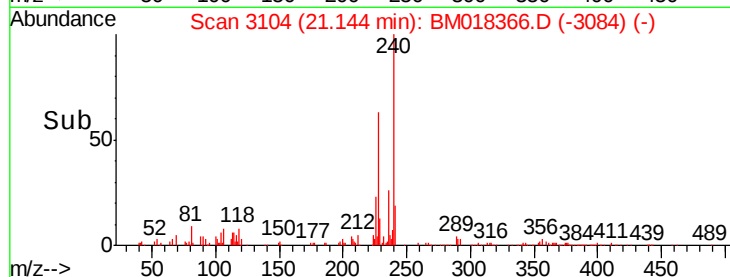
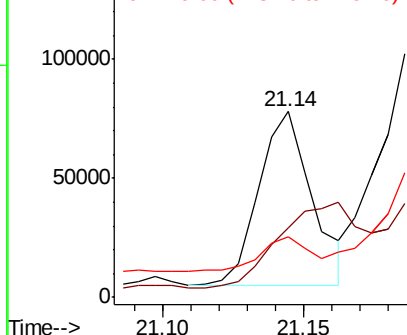
Tot Ion:	228	Resp:	95048
Ion Ratio	Lower	Upper	
228	100		
226	37.2	21.0	31.4#
229	32.5	15.5	23.3#

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 5.615 ng

RT: 21.19 min Scan# 3112

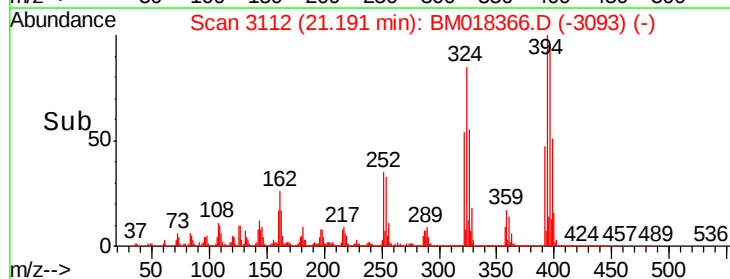
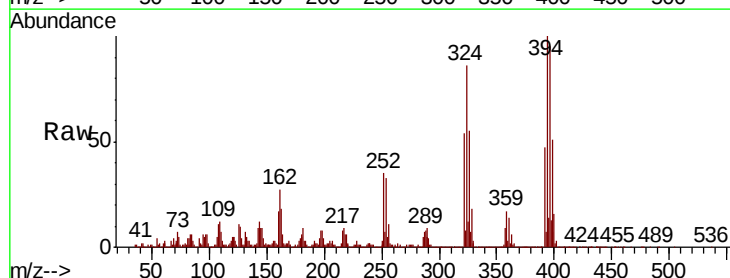
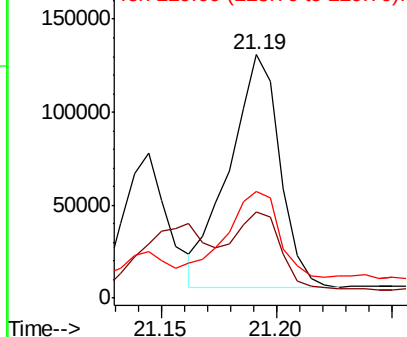
Delta R.T. 0.01 min

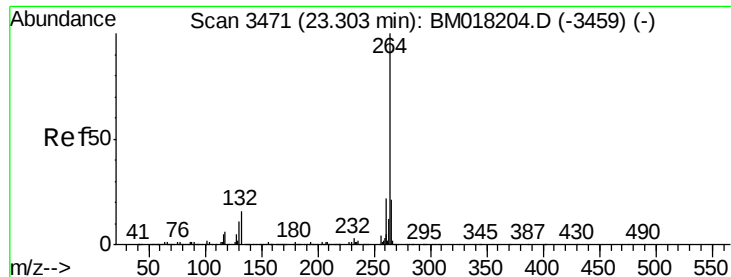
Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

Tgt Ion:	228	Resp:	192177
Ion Ratio	Lower	Upper	
228	100		
226	35.2	23.1	34.7#
229	43.6	15.8	23.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3476

Delta R.T. 0.03 min

Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

Instrument :

BNA_M

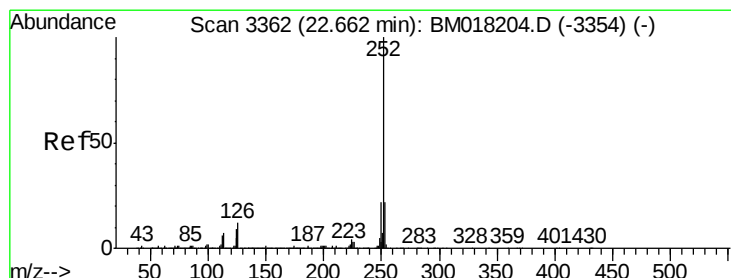
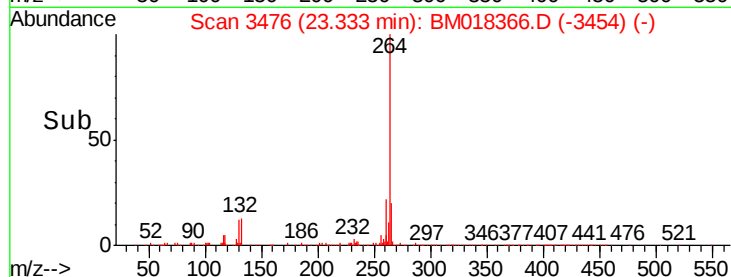
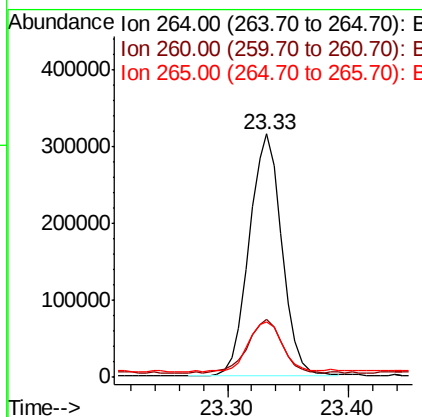
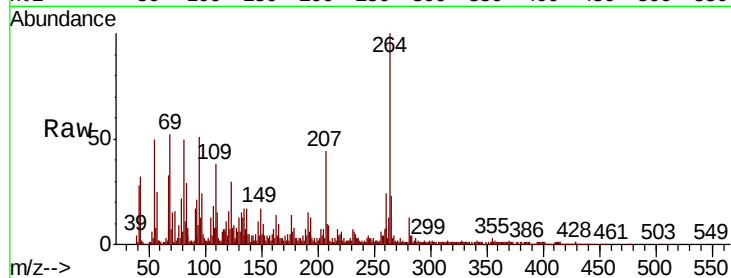
ClientSampleId :

P001-SS013-1218-01

Tot Ion:	264	Resp:	593746
Ion Ratio	Lower	Upper	
264	100		
260	23.7	17.5	26.3
265	22.7	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 3.331 ng m

RT: 22.69 min Scan# 3367

Delta R.T. 0.03 min

Lab File: BM018366.D

Acq: 21 Dec 2018 20:40

Tgt Ion:	252	Resp:	111093
Ion Ratio	Lower	Upper	
252	100		
253	30.2	17.6	26.4#
125	78.7	7.4	11.0#

