

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018360.D
 Acq On : 21 Dec 2018 14:58
 Operator : JU/SJ
 Sample : J6389-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-1824-01

Manual Integrations
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Sohil
 12/26/2018 3:19:58 PM

Quant Time: Dec 24 16:41:56 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	7.49	152	130786	20.00	ng	-0.01
21) Naphthalene-d8	10.27	136	591091	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	345283	20.00	ng	0.01
64) Phenanthrene-d10	16.94	188	667565	20.00	ng	0.02
76) Chrysene-d12	21.19	240	921113	20.00	ng	0.04
87) Perylene-d12	23.39	264	963974m	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	447027	57.10	ng	0.04
7) Phenol-d6	6.72	99	517643	47.57	ng	0.02
23) Nitrobenzene-d5	8.65	82	351454	30.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	193031	38.09	ng	0.02
45) 2-Fluorobiphenyl	12.77	172	701652	26.32	ng	0.00
79) Terphenyl-d14	19.60	244	1258473	30.90	ng	0.03
Target Compounds						
10) Phenol	6.76	94	255846	22.200	ng	Qvalue 89
14) 1,2-Dichlorobenzene	7.84	146	30398	3.006	ng	# 84
20) 3+4-Methylphenols	8.29	107	137107	12.715	ng	# 51
30) 1,2,4-Trichlorobenzene	10.13	180	1330835	129.649	ng	96
31) Naphthalene	10.32	128	2975543	102.950	ng	97
37) 2-Methylnaphthalene	11.95	142	2545934	124.906	ng	98
38) 1-Methylnaphthalene	12.17	142	1545943	77.727	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	434996	36.636	ng	# 93
46) 1,1'-Biphenyl	12.99	154	796210	25.632	ng	97
71) Phenanthrene	16.99	178	1942600	53.573	ng	# 88
75) Fluoranthene	19.03	202	430773m	10.218	ng	
78) Pyrene	19.40	202	1315028	23.960	ng	# 78
83) Chrysene	21.22	228	334873	6.470	ng	# 53
84) Bis(2-ethylhexyl)phthalate	21.10	149	488515	12.554	ng	# 79

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

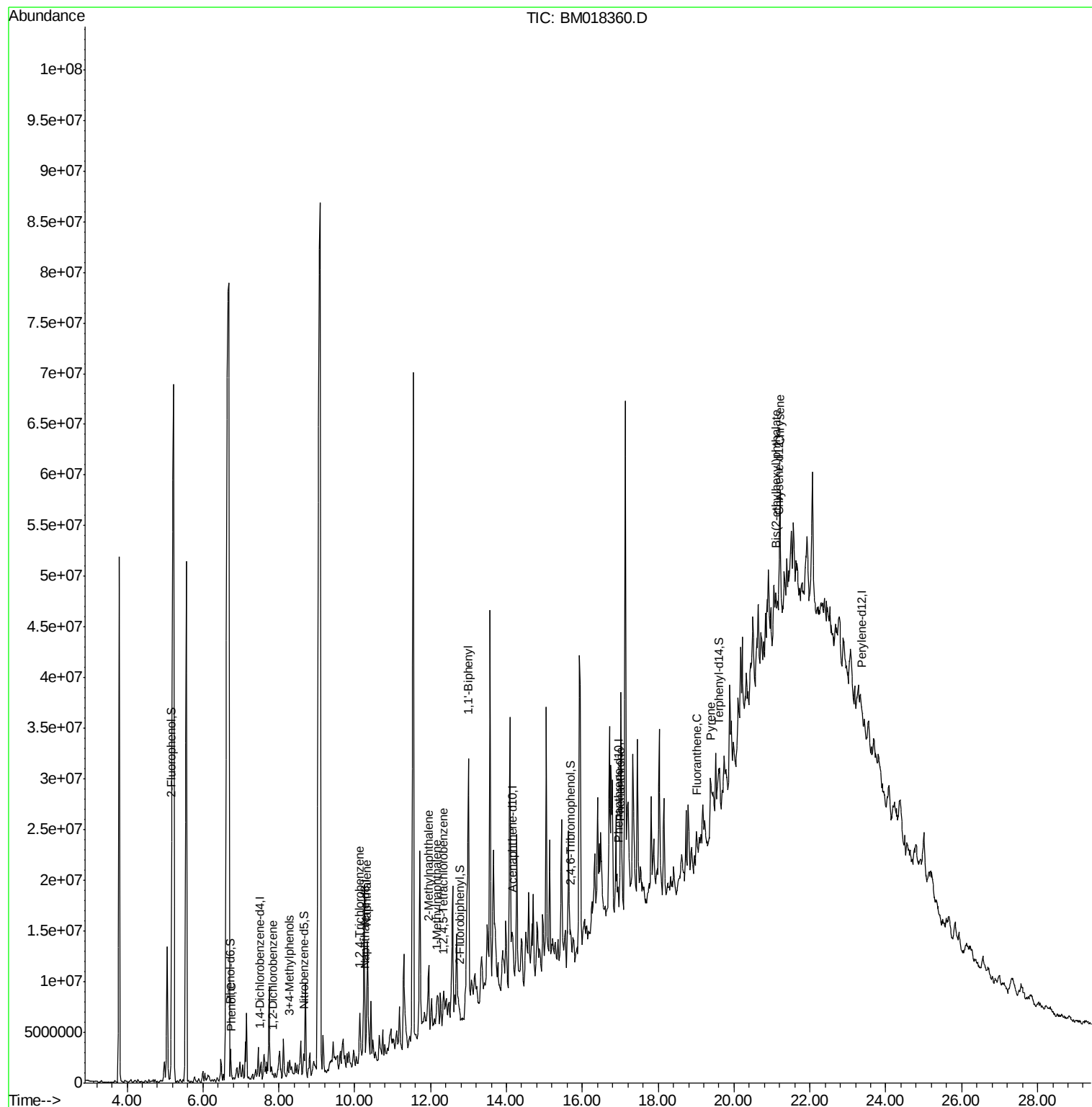
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018360.D
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Operator : JU/SJ
Sample : J6389-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

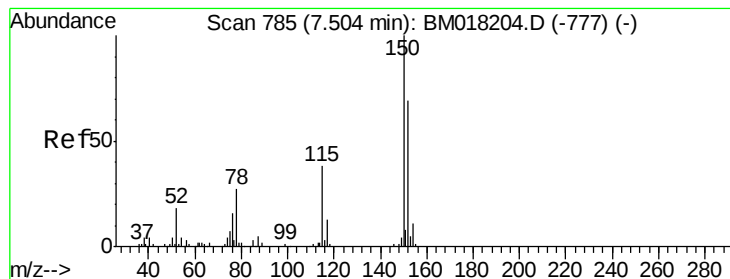
Instrument :
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#1

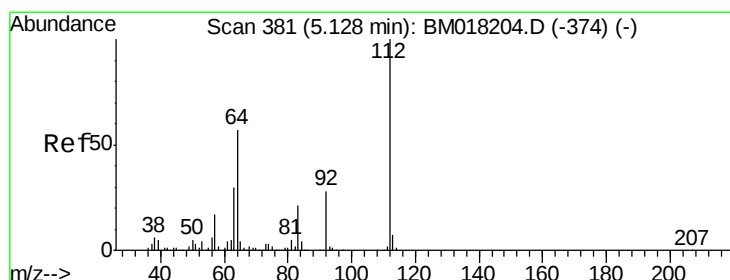
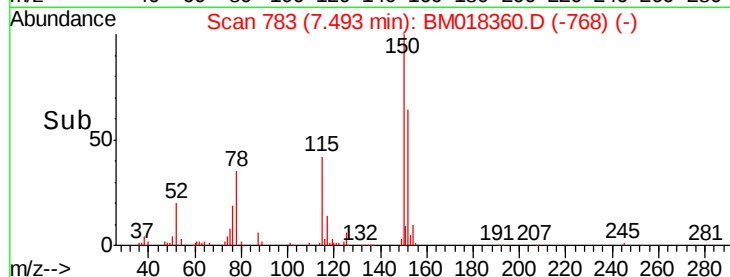
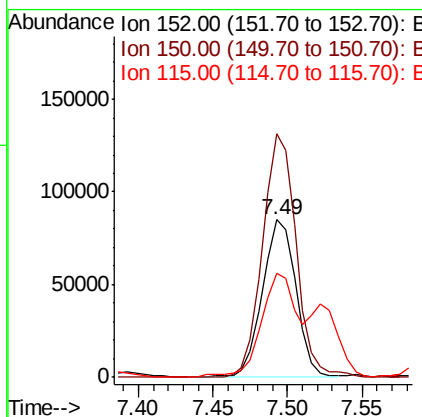
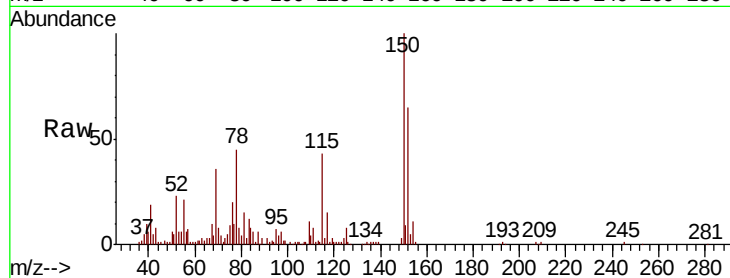
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	116.1	174.1
115	65.7	44.6	67.0

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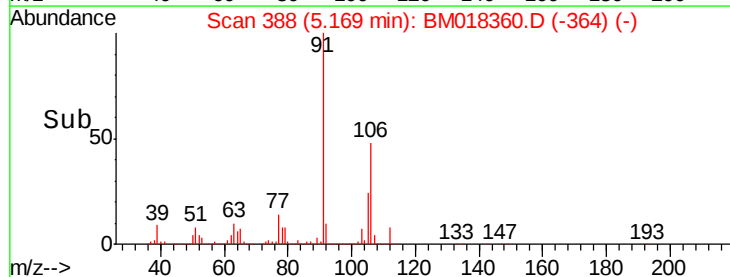
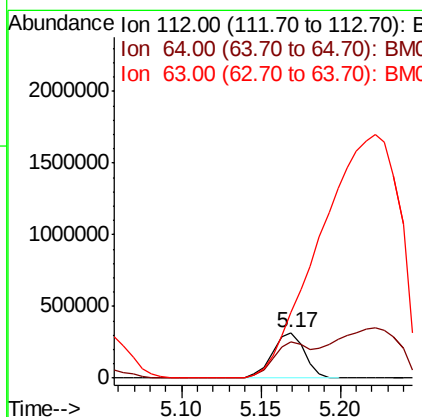
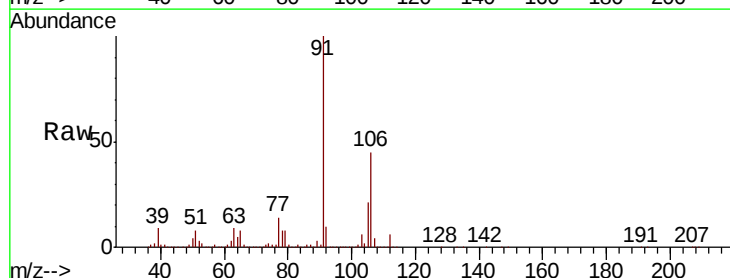
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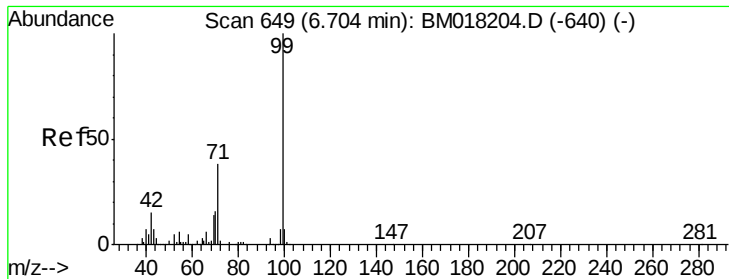


#5

2-Fluorophenol
Concen: 57.097 ng
RT: 5.17 min Scan# 388
Delta R.T. 0.04 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.6	45.4	68.2#
63	143.2	24.0	36.0#





#7

Phenol-d6

Concen: 47.569 ng

RT: 6.72 min Scan# 652

Delta R.T. 0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

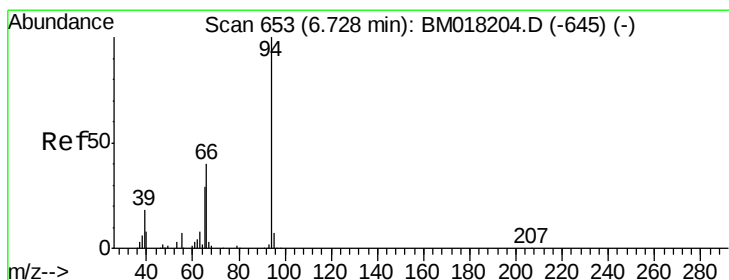
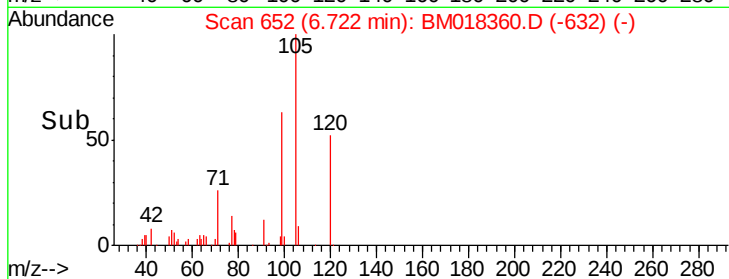
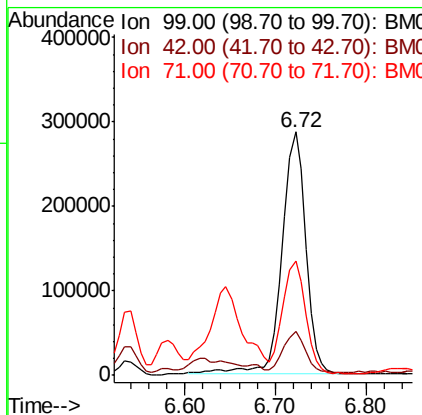
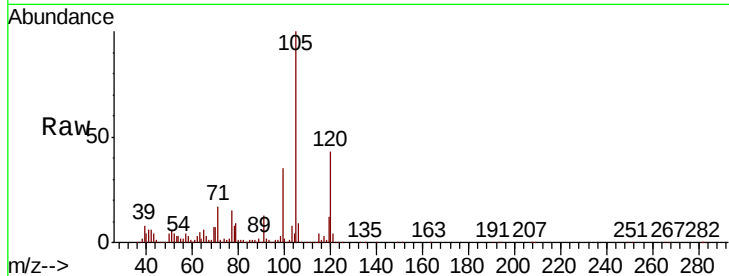
ClientSampleId :

P001-SS013-1824-01

Tot Ion:	99	Resp:	517643
Ion Ratio	Lower	Upper	
99	100		
42	17.9	12.3	18.5
71	47.0	30.2	45.2#

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#10

Phenol

Concen: 22.200 ng

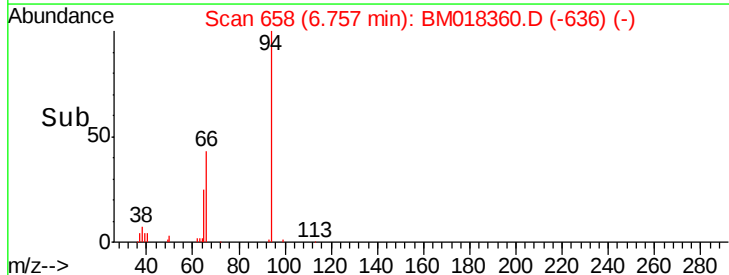
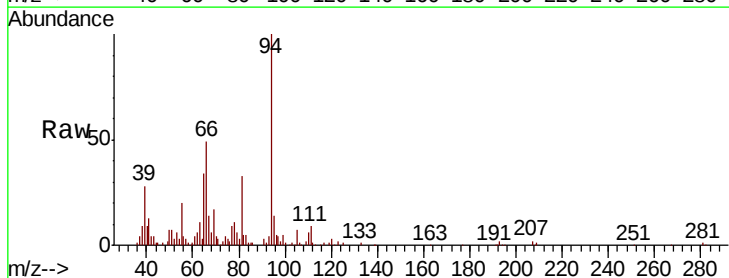
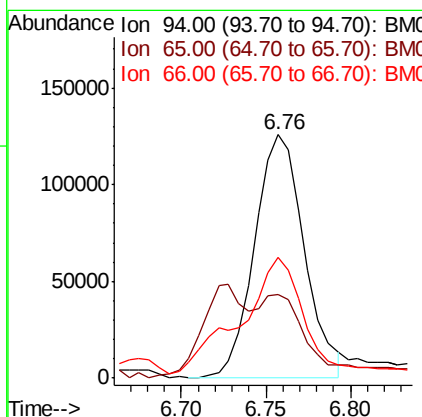
RT: 6.76 min Scan# 658

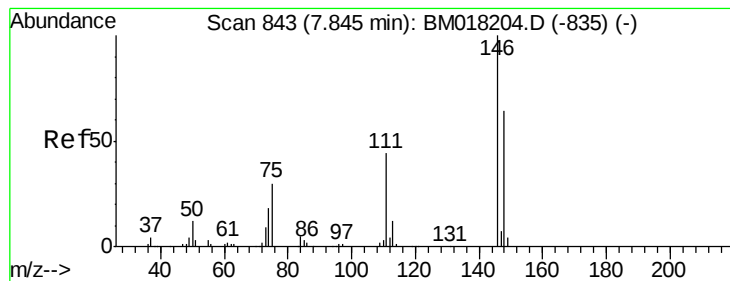
Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Tgt Ion:	94	Resp:	255846
Ion Ratio	Lower	Upper	
94	100		
65	34.2	9.5	49.5
66	49.3	21.3	61.3





#14

1,2-Dichlorobenzene

Concen: 3.006 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

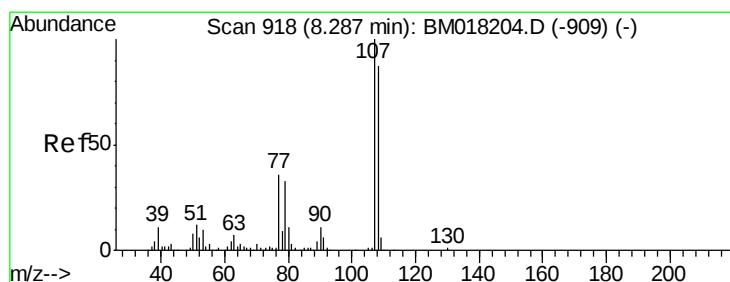
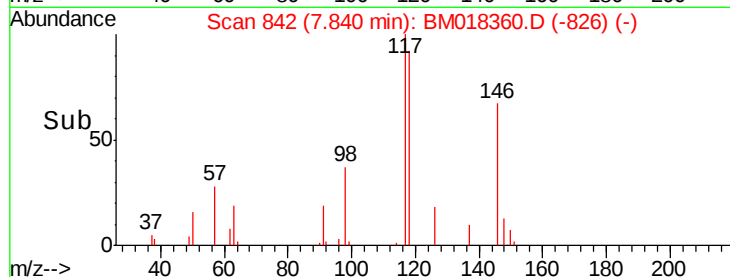
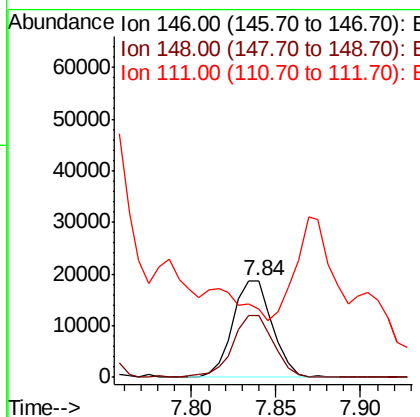
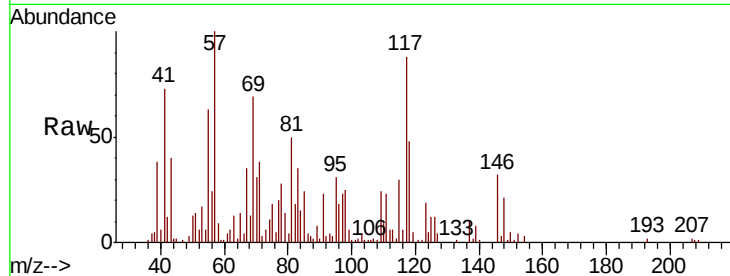
ClientSampleId :

P001-SS013-1824-01

Tot Ion:	146	Resp:	30398
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.3	76.9
111	69.8	35.8	53.8#

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#20

3+4-Methylphenols

Concen: 12.715 ng

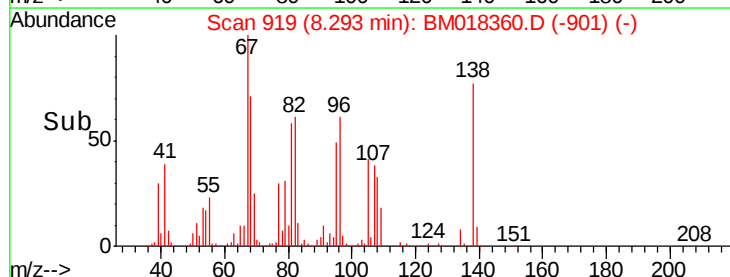
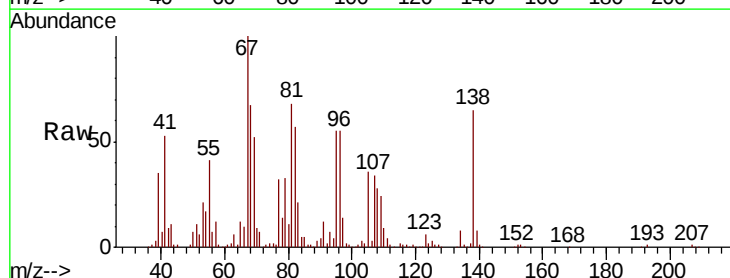
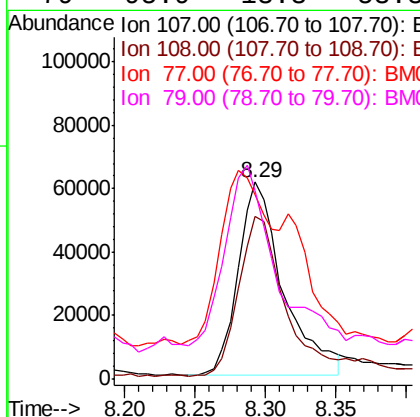
RT: 8.29 min Scan# 919

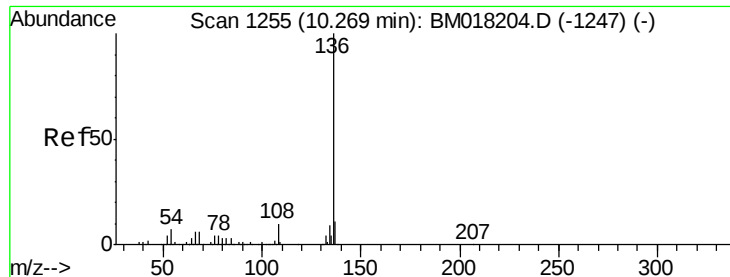
Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Tgt Ion:	107	Resp:	137107
Ion Ratio	Lower	Upper	
107	100		
108	83.0	67.4	107.4
77	93.6	15.7	55.7#
79	95.9	13.3	53.3#





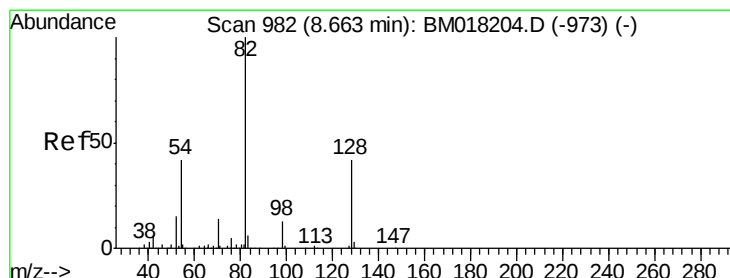
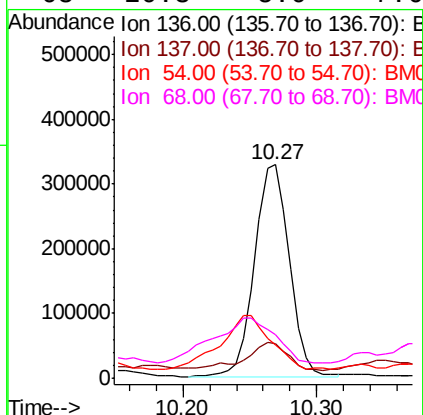
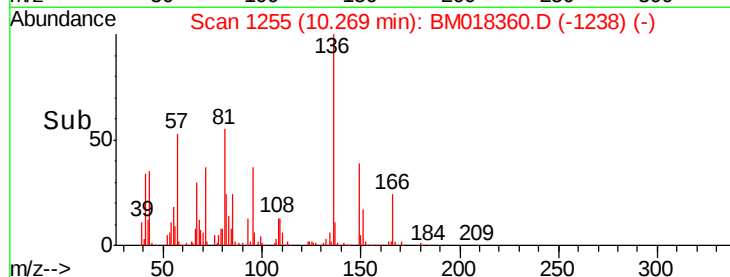
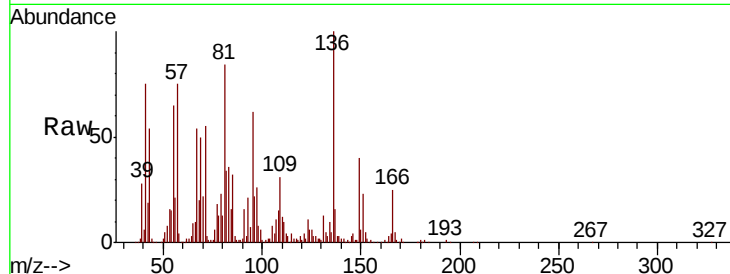
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		591091		
137	16.3	9.2	13.8#		
54	15.5	5.2	7.8#		
68	20.3	5.0	7.6#		

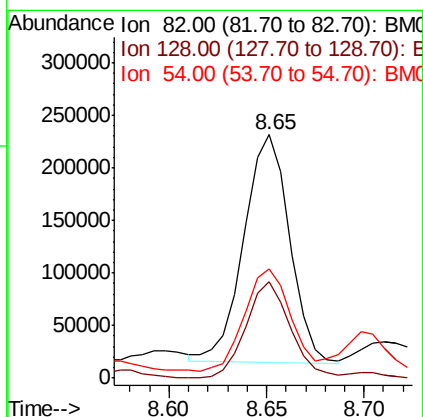
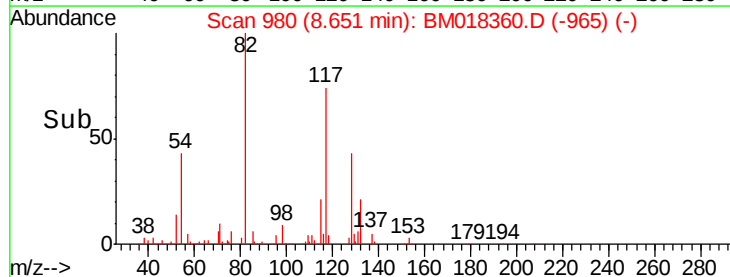
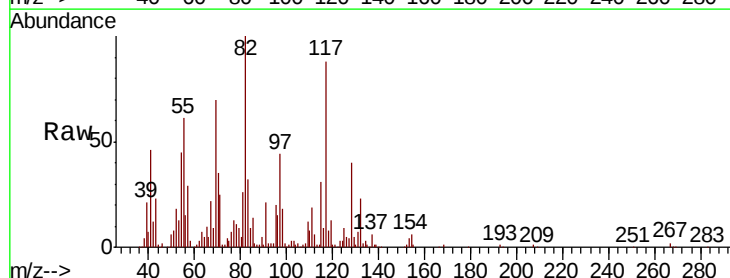
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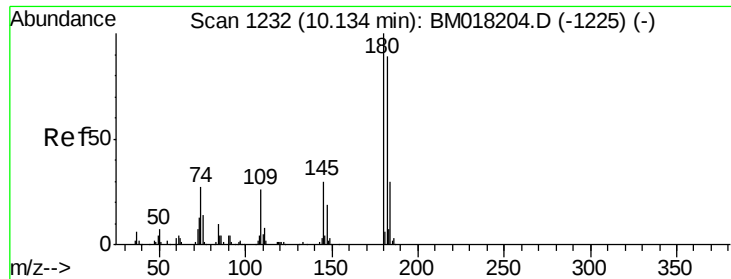
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#23
Nitrobenzene-d5
Concen: 30.498 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		351454		
128	39.8	33.4	50.2		
54	45.1	33.4	50.2		





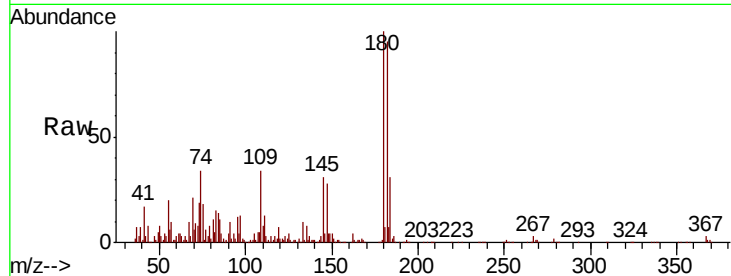
#30
1,2,4-Trichlorobenzene
Concen: 129.649 ng
RT: 10.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	71.4	107.2
145	30.8	24.4	36.6

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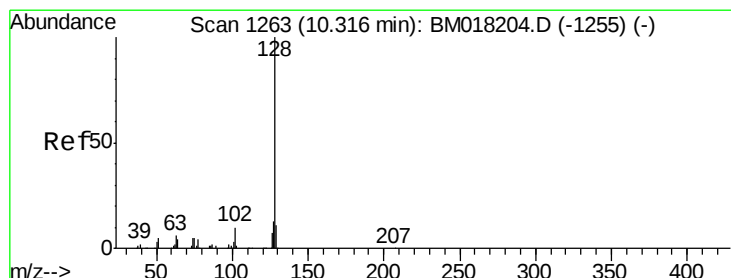
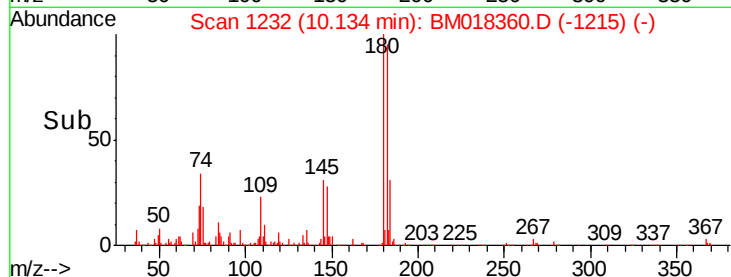
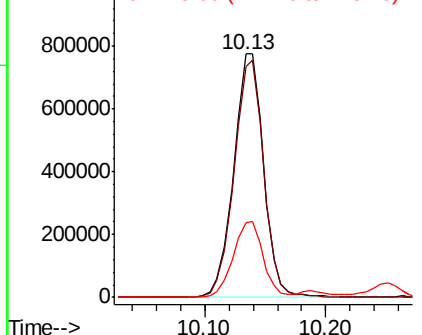


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
Naphthalene
Concen: 102.950 ng
RT: 10.32 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

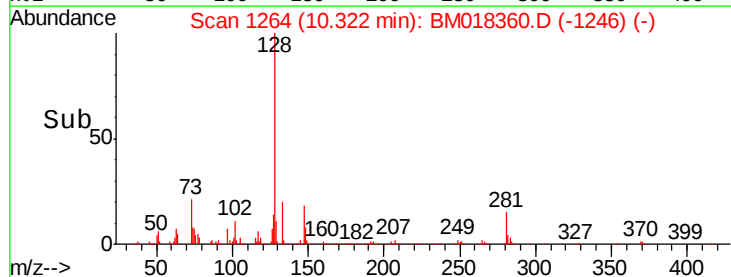
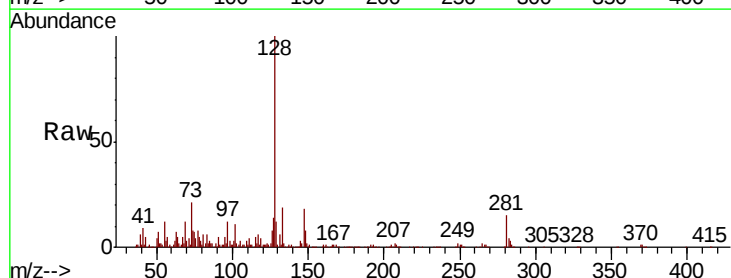
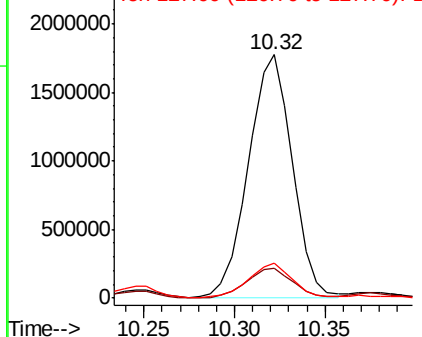
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	14.2	10.4	15.6

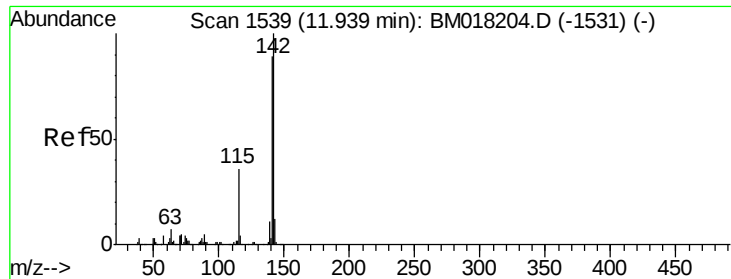
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





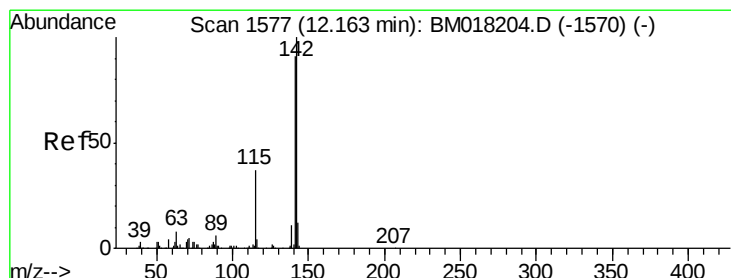
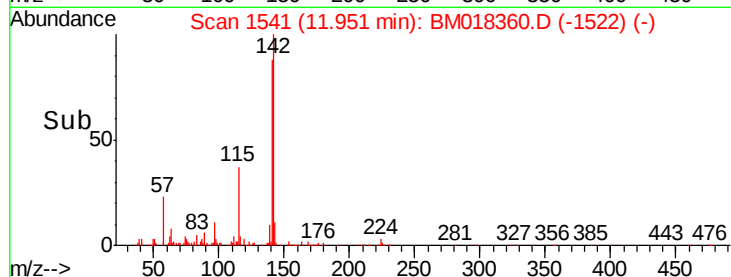
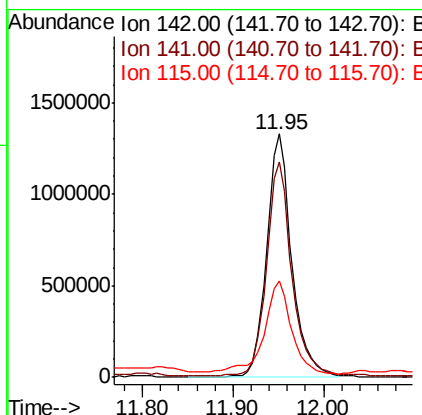
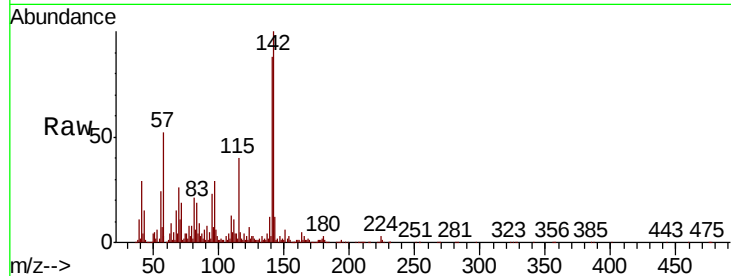
#37
2-Methylnaphthalene
Concen: 124.906 ng
RT: 11.95 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

Tot Ion:142 Resp: 2545934
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 39.8 29.0 43.6

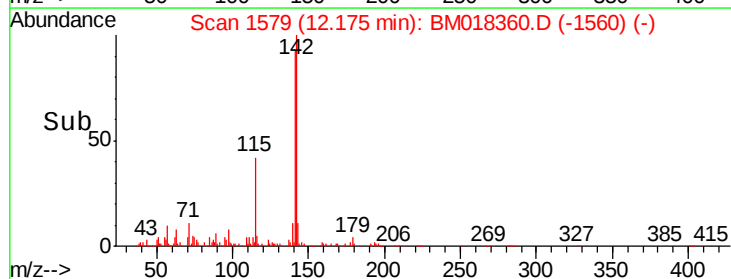
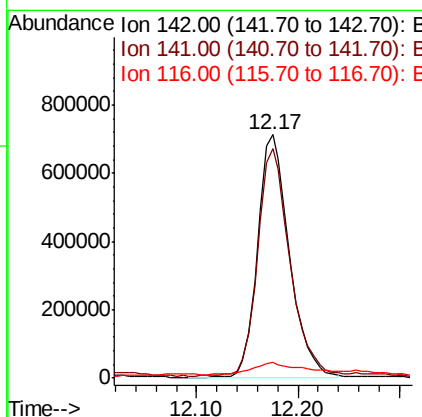
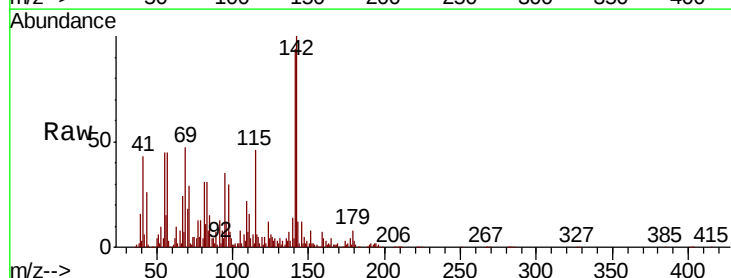
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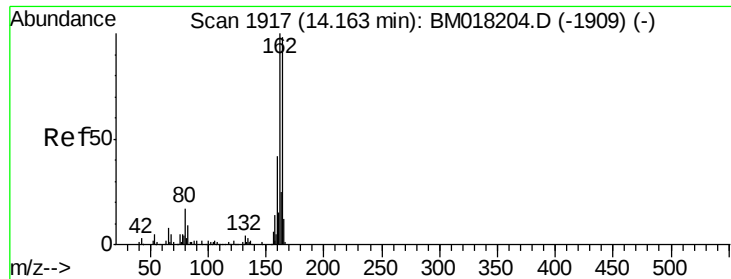
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#38
1-Methylnaphthalene
Concen: 77.727 ng
RT: 12.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion:142 Resp: 1545943
Ion Ratio Lower Upper
142 100
141 94.1 73.0 109.4
116 6.3 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

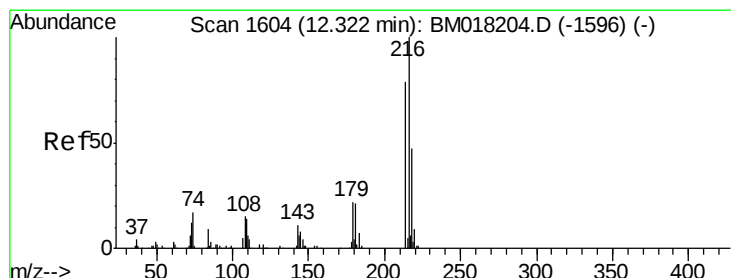
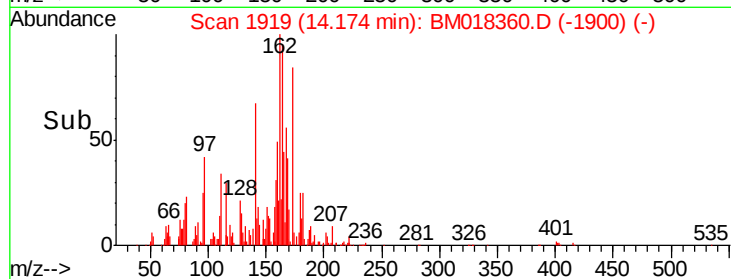
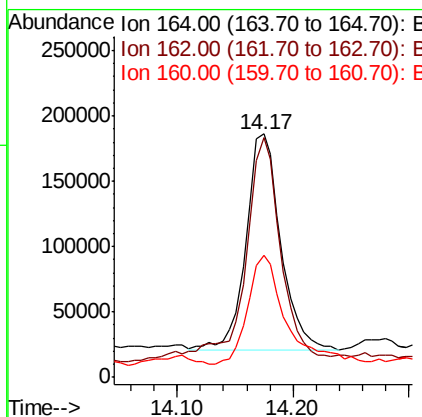
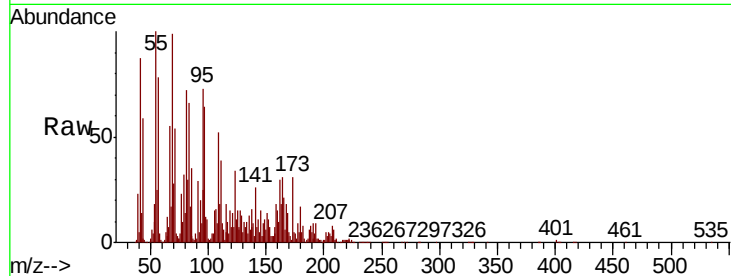
ClientSampleId :

P001-SS013-1824-01

Tot Ion:	164	Resp:	345283
Ion Ratio	Lower	Upper	
164	100		
162	98.6	81.8	122.6
160	50.2	34.6	51.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.636 ng

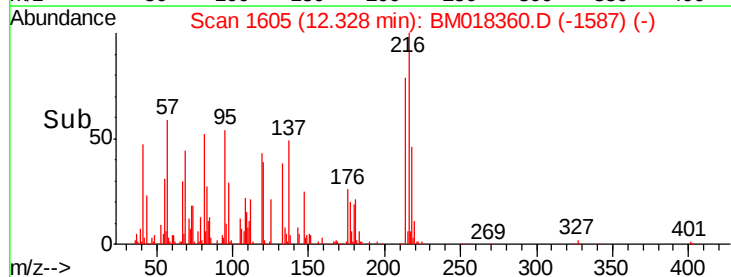
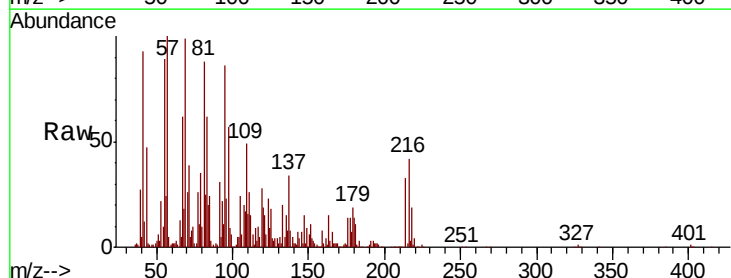
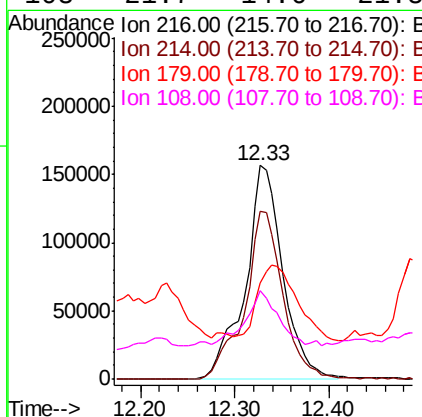
RT: 12.33 min Scan# 1605

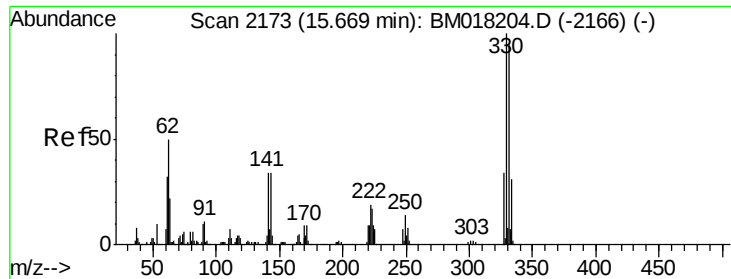
Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Tgt Ion:	216	Resp:	434996
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.0
179	37.3	17.2	25.8
108	21.7	14.6	21.8





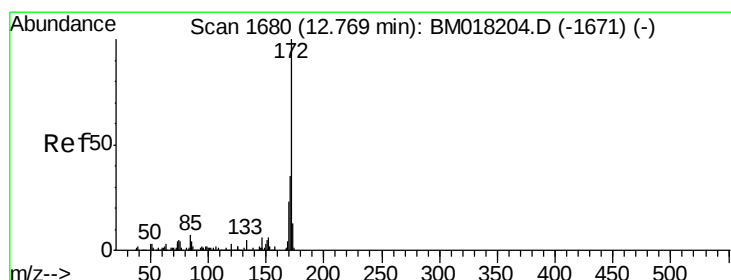
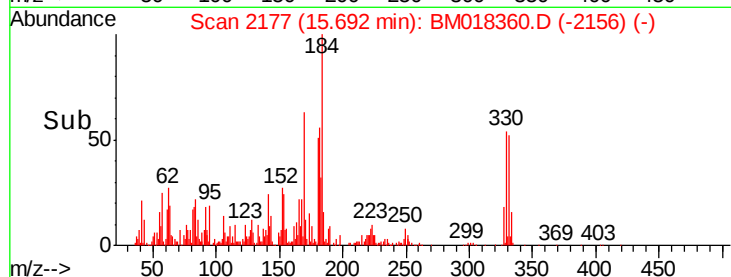
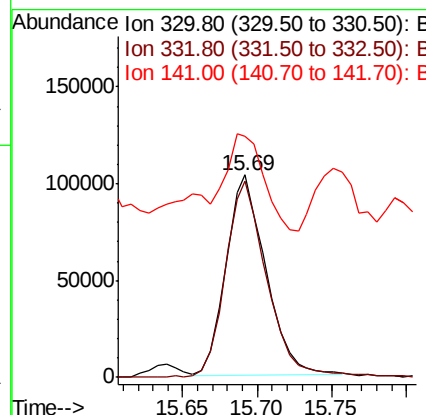
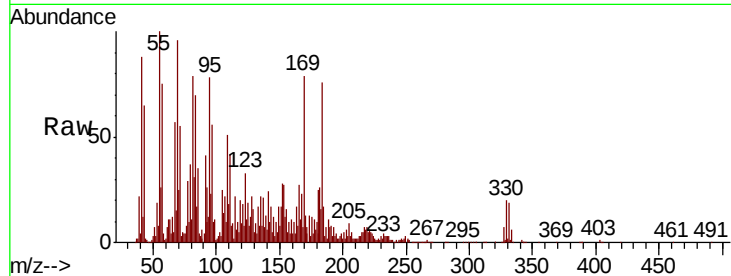
#42
2,4,6-Tribromophenol
Concen: 38.090 ng
RT: 15.69 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	193031		
332	100.5	78.6	118.0	
141	45.7	27.1	40.7	

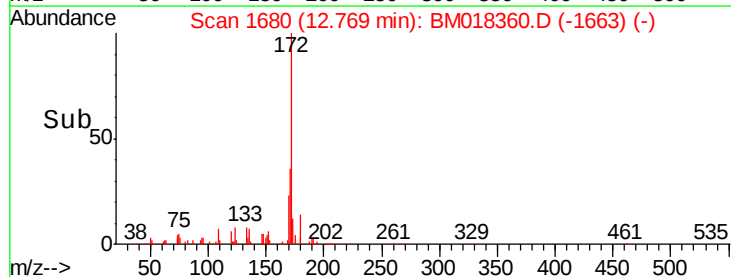
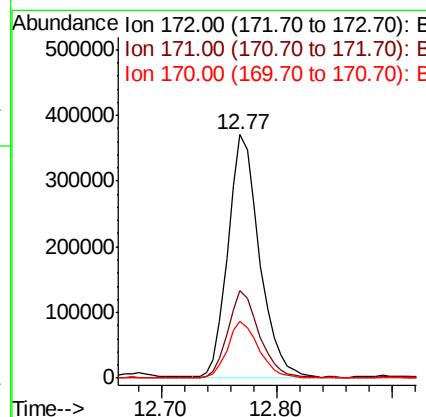
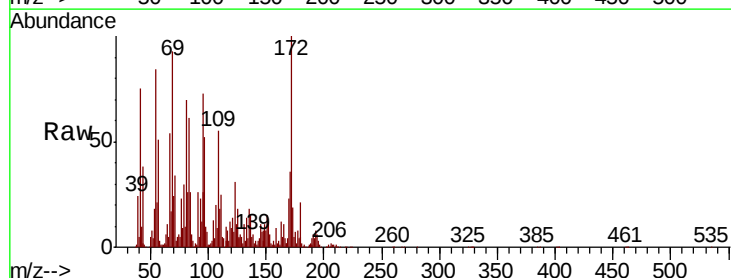
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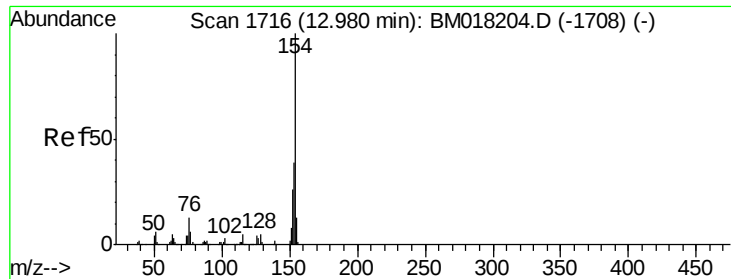
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#45
2-Fluorobiphenyl
Concen: 26.321 ng
RT: 12.77 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	701652		
171	35.8	28.3	42.5	
170	23.3	18.1	27.1	





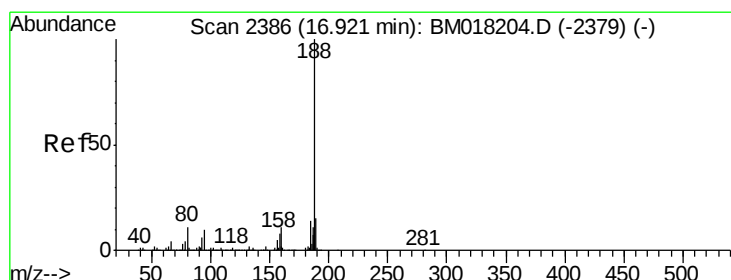
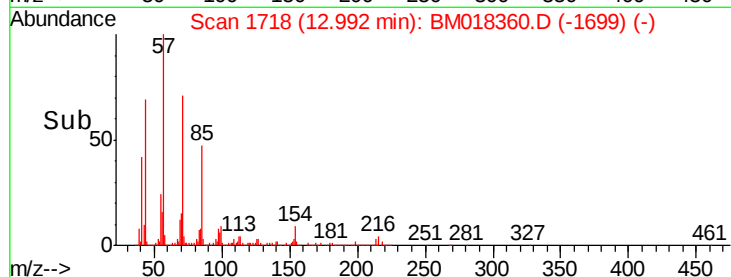
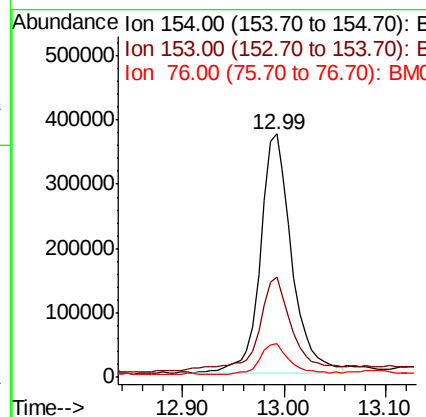
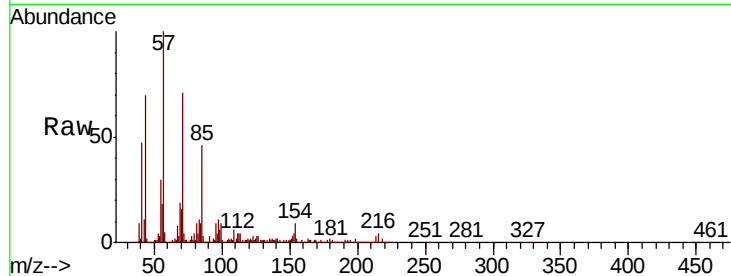
#46
 1,1'-Biphenyl
 Concen: 25.632 ng
 RT: 12.99 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM018360.D
 Acq: 21 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	19.5	59.5	
76	13.9	0.0	33.1	

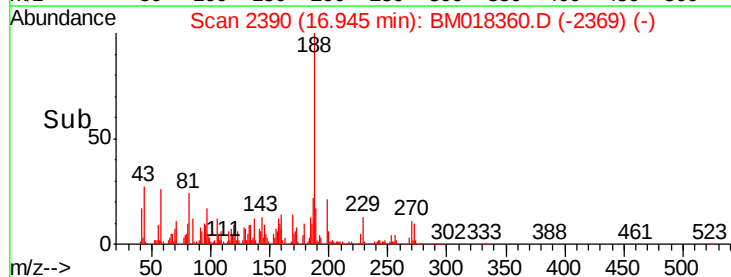
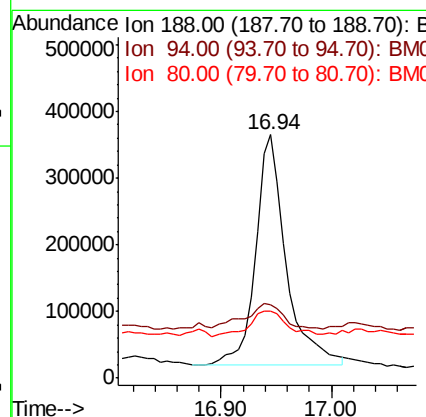
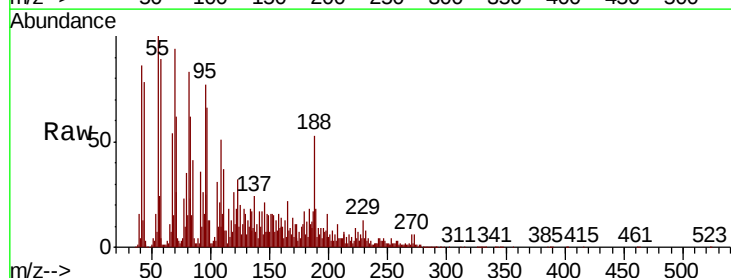
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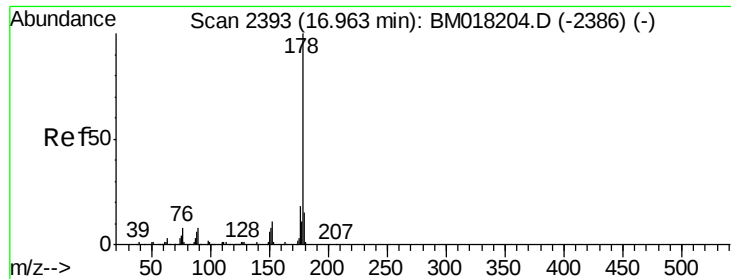
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.94 min Scan# 2390
 Delta R.T. 0.02 min
 Lab File: BM018360.D
 Acq: 21 Dec 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	30.3	8.0	12.0#	
80	27.7	9.0	13.6#	





#71

Phenanthrene

Concen: 53.573 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

Tot Ion:178 Resp: 1942600

Ion Ratio Lower Upper

178 100

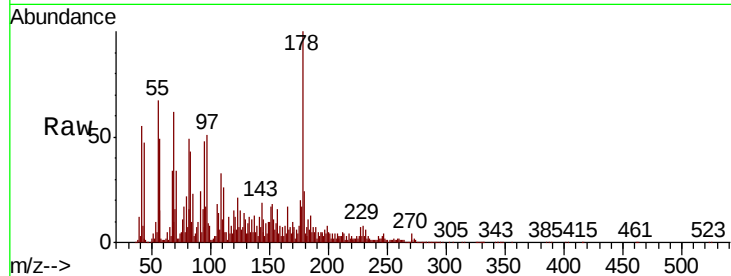
176 20.3 14.7 22.1

179 24.0 12.0 18.0#

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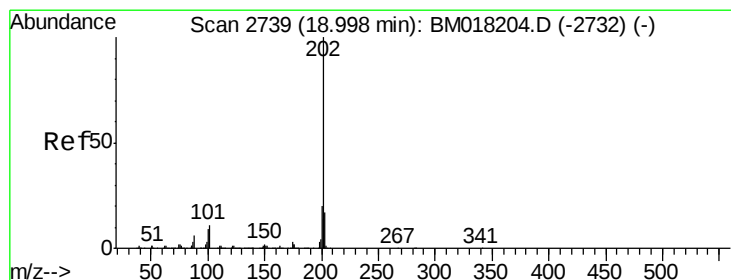
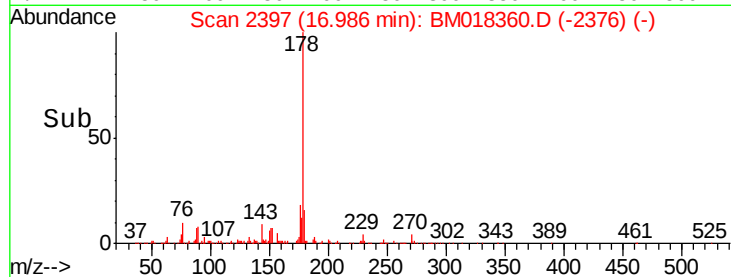
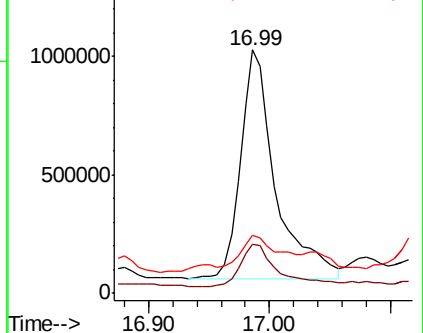
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 10.218 ng m

RT: 19.03 min Scan# 2744

Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

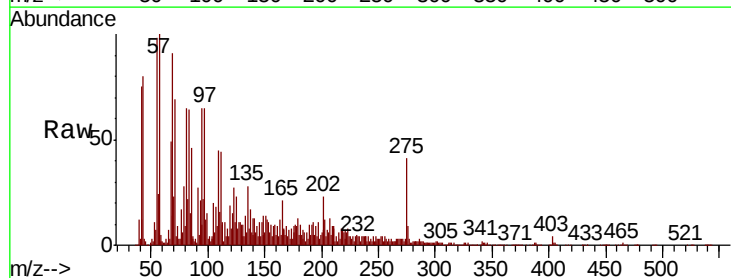
Tgt Ion:202 Resp: 430773

Ion Ratio Lower Upper

202 100

101 19.2 0.0 30.5

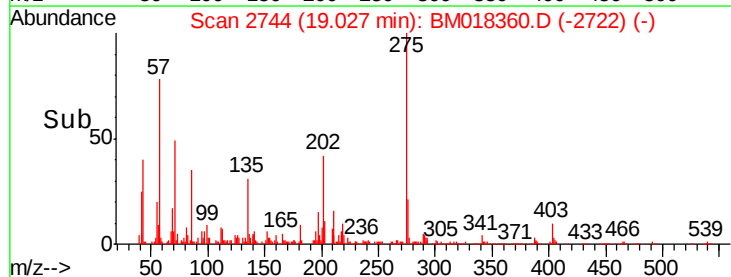
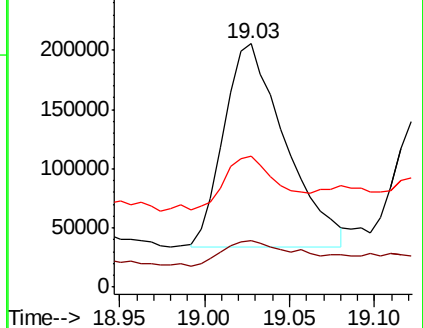
203 53.6 0.0 37.5#

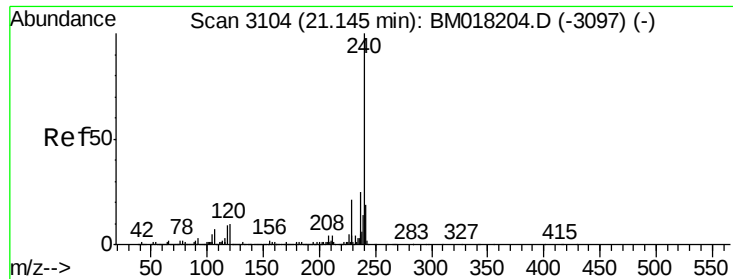


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 3111

Delta R.T. 0.04 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

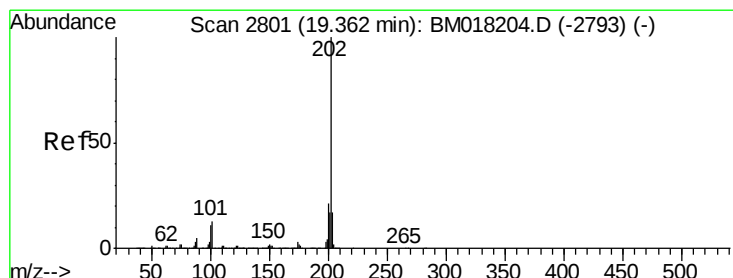
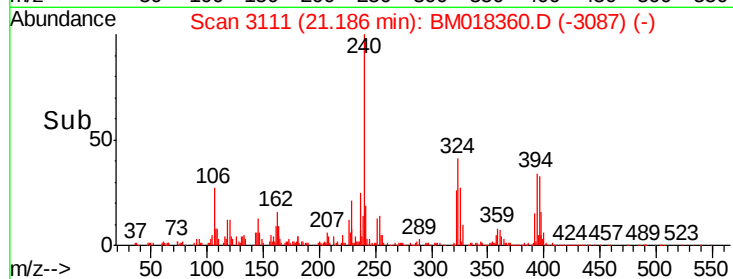
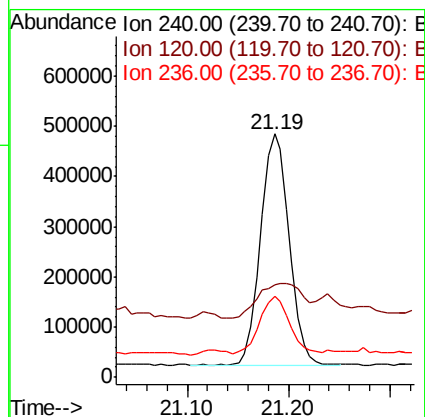
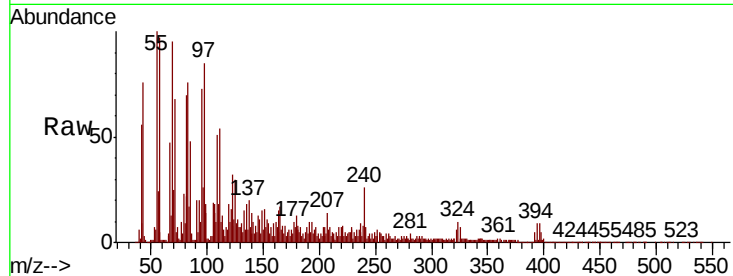
ClientSampleId :

P001-SS013-1824-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	37.9	8.2	12.2#
236	33.6	20.3	30.5#

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#78

Pyrene

Concen: 23.960 ng

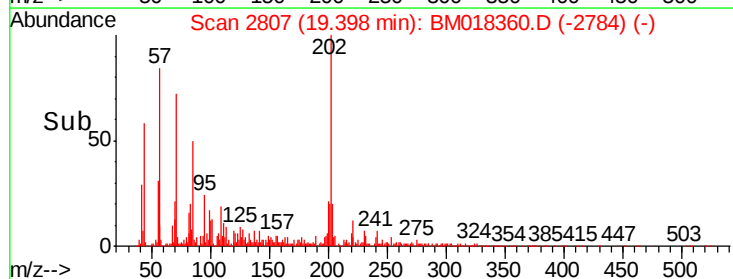
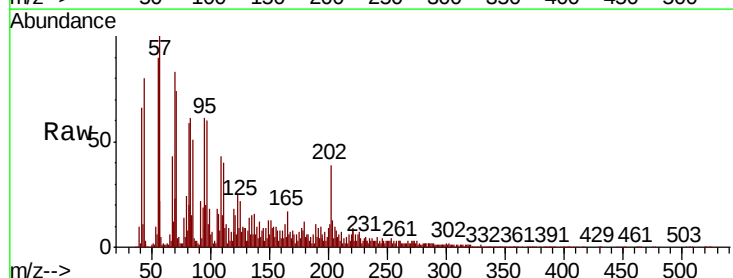
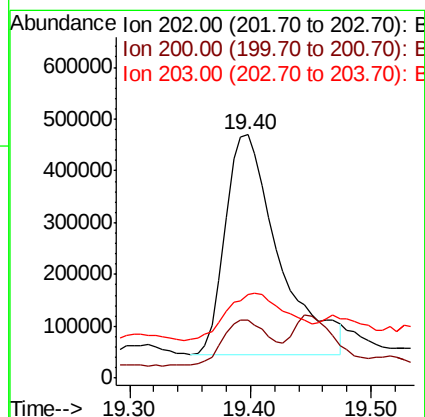
RT: 19.40 min Scan# 2807

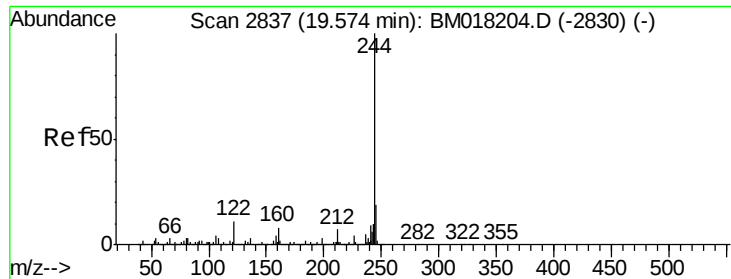
Delta R.T. 0.04 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.5	24.7
203	34.5	14.0	21.0#





#79

Terphenyl-d14

Concen: 30.900 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

Tot Ion:244 Resp: 1258473

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

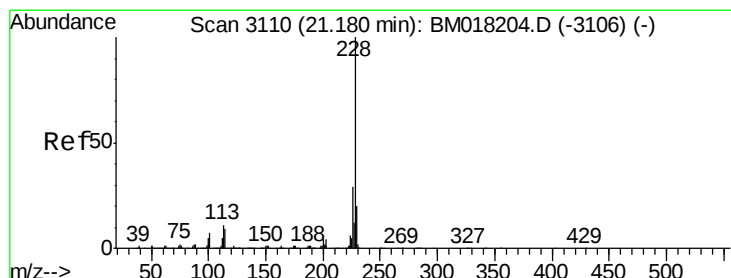
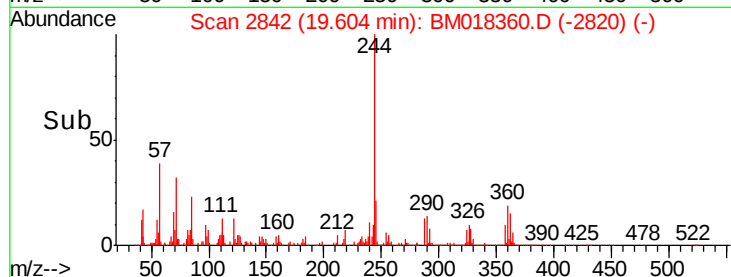
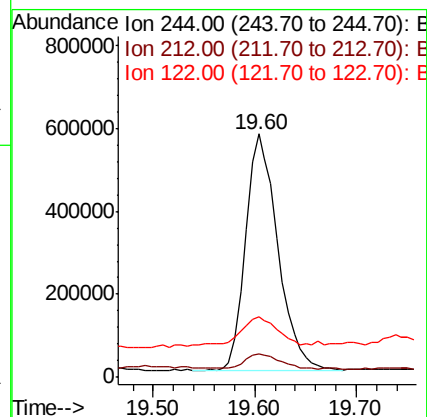
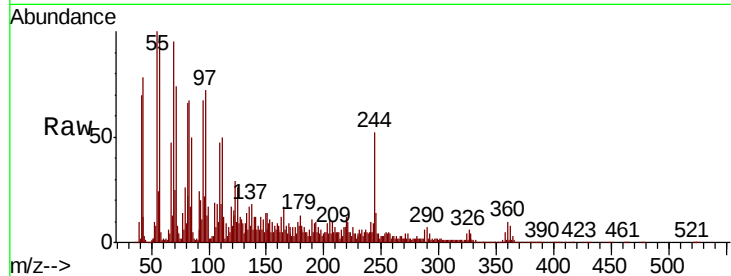
122 24.7 9.0 13.6#

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#83

Chrysene

Concen: 6.470 ng

RT: 21.22 min Scan# 3116

Delta R.T. 0.04 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

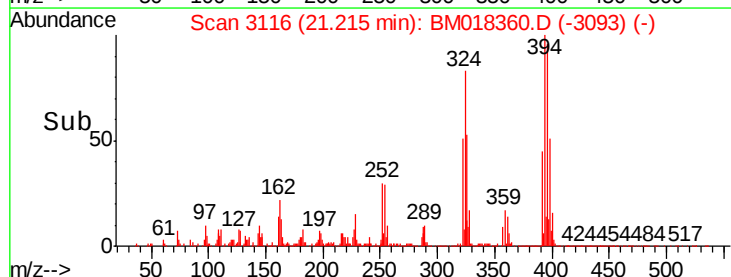
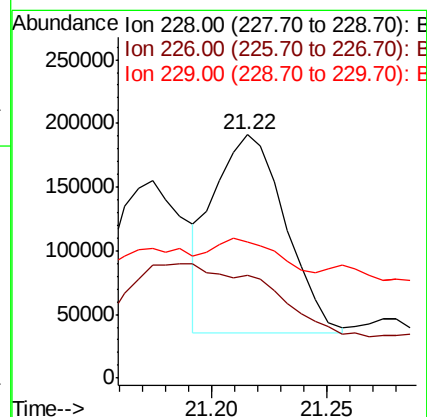
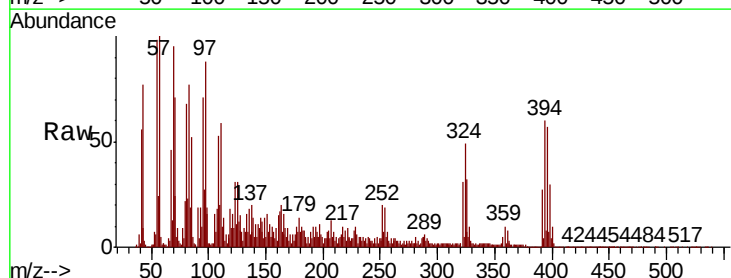
Tgt Ion:228 Resp: 334873

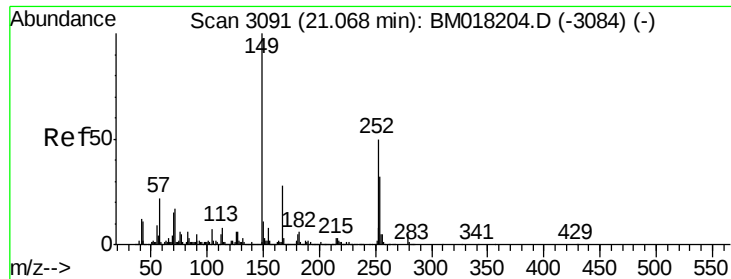
Ion Ratio Lower Upper

228 100

226 42.5 23.1 34.7#

229 55.8 15.8 23.6#





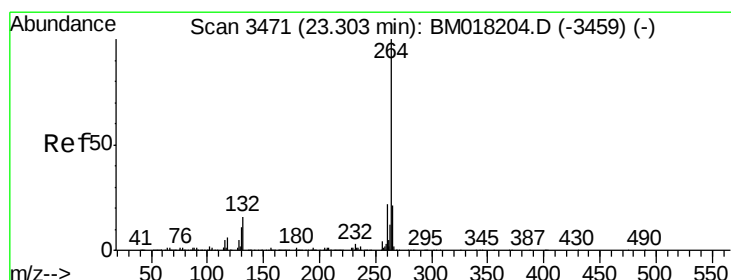
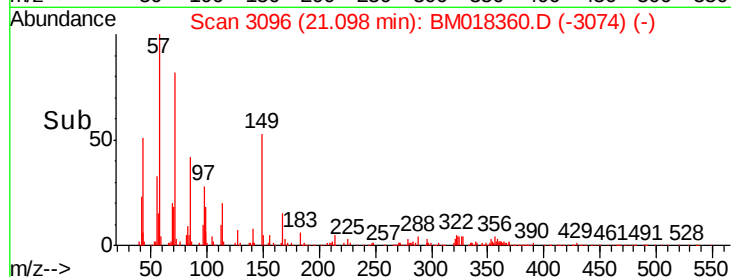
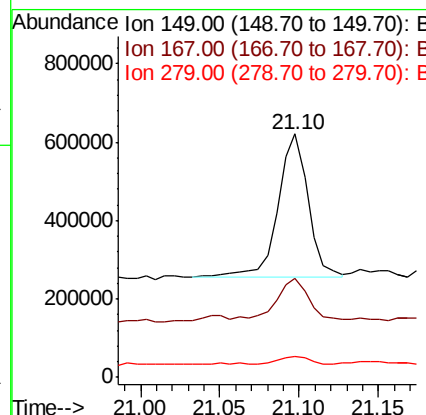
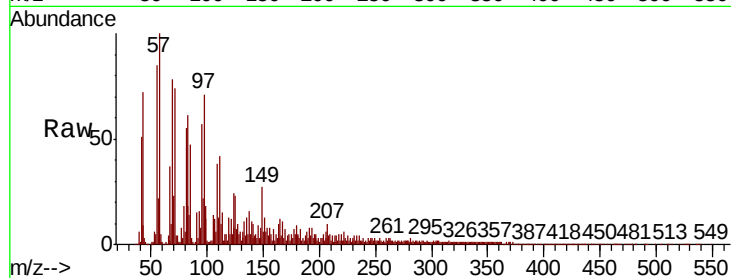
#84
Bis(2-ethylhexyl)phthalate
Concen: 12.554 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.03 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

Tot Ion	Ratio	Lower	Upper
149	100		
167	40.6	22.7	34.1#
279	8.6	3.9	5.9#

Manual Integrations
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#87
Perylene-d12
Concen: 20.000 ng m
RT: 23.39 min Scan# 3485
Delta R.T. 0.08 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	32.9	17.5	26.3#
265	33.4	17.3	25.9#

