

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
 Data File : BM018334.D
 Acq On : 20 Dec 2018 17:32
 Operator : JU/SJ
 Sample : J6426-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013A-3036-01

Manual Integrations
 APPROVED

Sohil
 12/21/2018 4:37:00 PM

Quant Time: Dec 21 15:50:05 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	170768	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	748632	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	409554	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	788561	20.00	ng	0.00
76) Chrysene-d12	21.14	240	673050	20.00	ng	0.00
87) Perylene-d12	23.30	264	693916	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1557581m	152.37	ng	0.05
7) Phenol-d6	6.70	99	2050028	144.28	ng	0.00
23) Nitrobenzene-d5	8.65	82	1273947	87.29	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	775048	128.94	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2783748	88.04	ng	-0.01
79) Terphenyl-d14	19.57	244	3129107	105.15	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.72	94	204545	13.593	ng	# 58
12) 1,3-Dichlorobenzene	7.37	146	180351	13.372	ng	96
13) 1,4-Dichlorobenzene	7.52	146	1348802	98.481	ng	99
14) 1,2-Dichlorobenzene	7.83	146	396779	30.052	ng	97
17) 2-Methylphenol	7.95	107	39114	3.893	ng	# 74
30) 1,2,4-Trichlorobenzene	10.13	180	2666998	205.141	ng	94
31) Naphthalene	10.31	128	5829228	159.241	ng	100
37) 2-Methylnaphthalene	11.93	142	3312008	128.296	ng	98
38) 1-Methylnaphthalene	12.16	142	1757186	69.756	ng	99
46) 1,1'-Biphenyl	12.97	154	1088744	29.549	ng	99
50) Dimethylphthalate	13.62	163	256572	7.535	ng	# 95
58) Fluorene	15.21	166	211865	6.835	ng	# 79
71) Phenanthrene	16.96	178	1336868	31.211	ng	97
78) Pyrene	19.36	202	163367	4.074	ng	# 91
84) Bis(2-ethylhexyl)phthalate	21.06	149	853007	30.000	ng	98

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

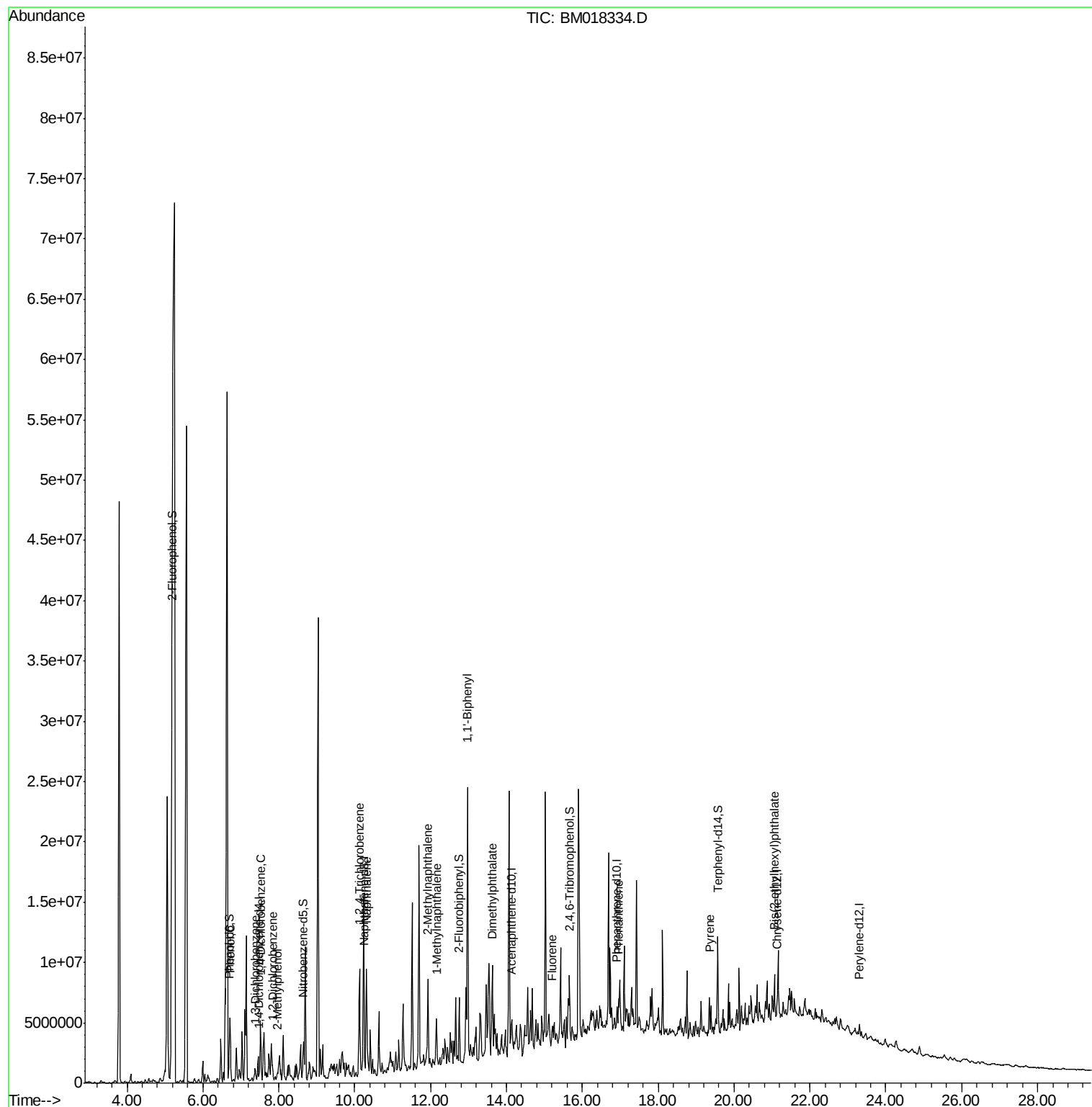
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018334.D
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Operator : JU/SJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

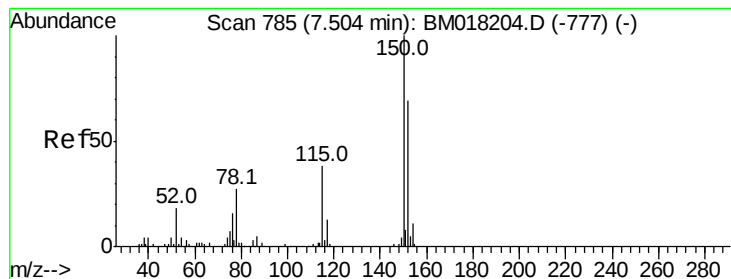
Instrument :
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ClientSampleId :
P001-SS013A-3036-01

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
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#1

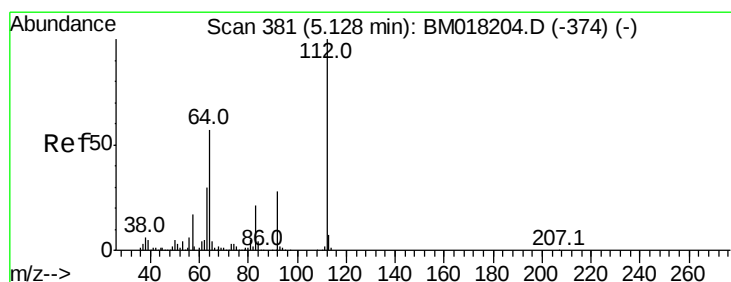
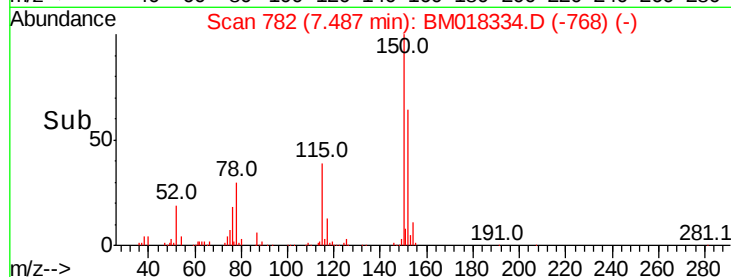
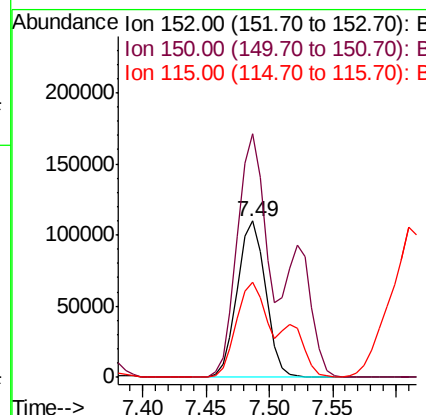
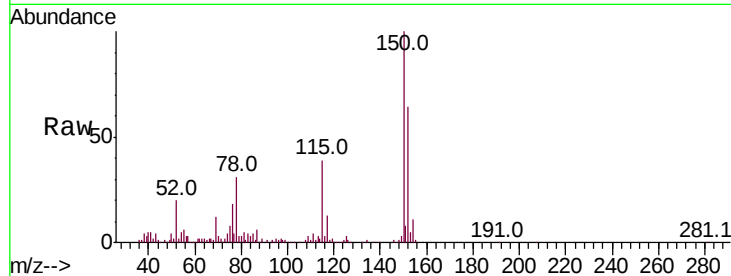
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	116.1	174.1
115	60.8	44.6	67.0

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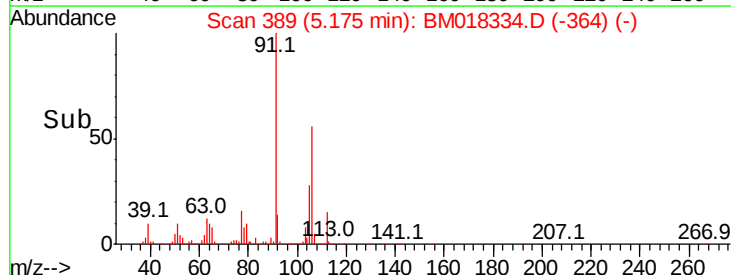
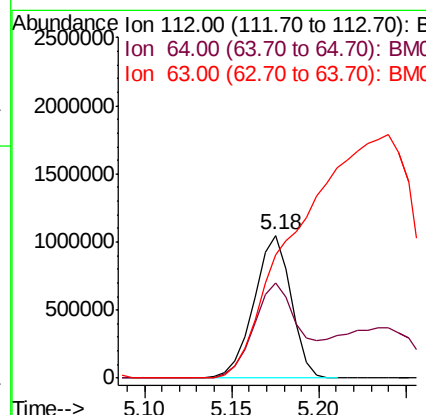
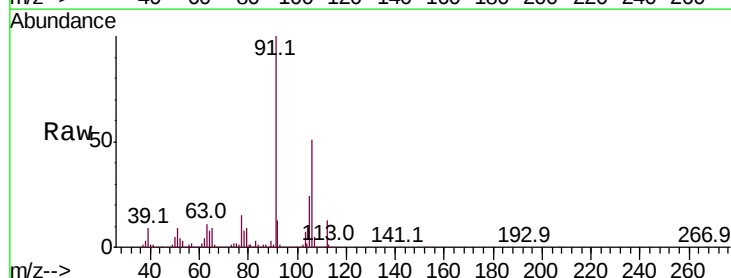
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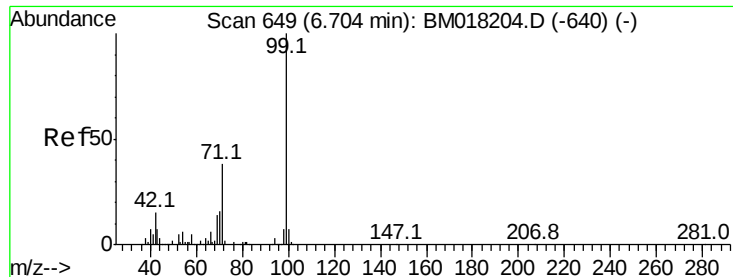


#5

2-Fluorophenol
Concen: 152.365 ng m
RT: 5.18 min Scan# 389
Delta R.T. 0.05 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	45.4	68.2
63	86.1	24.0	36.0#





#7

Phenol-d6

Concen: 144.280 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

Tot Ion: 99 Resp: 2050028

Ion Ratio Lower Upper

99 100

42 15.9 12.3 18.5

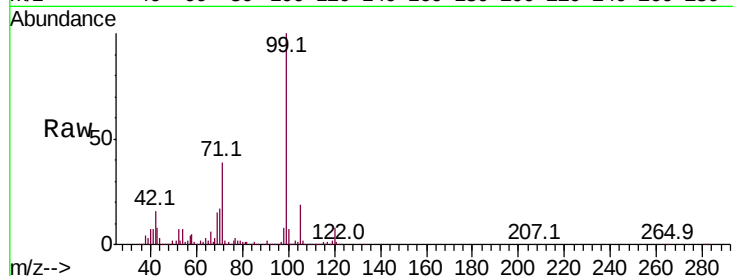
71 38.8 30.2 45.2

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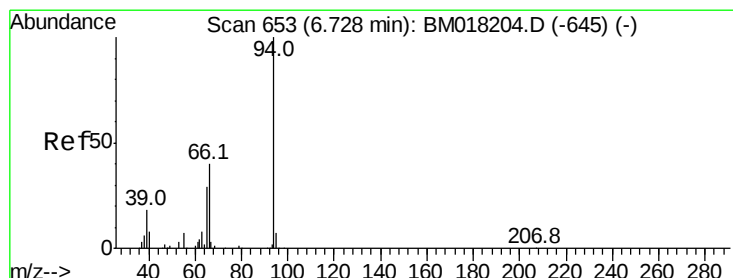
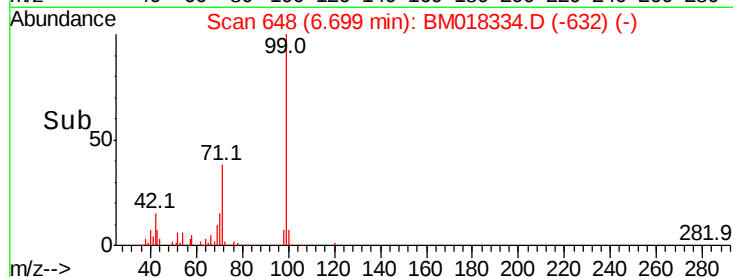
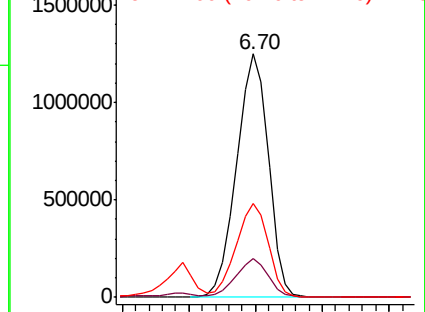
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Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

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

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



#10

Phenol

Concen: 13.593 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

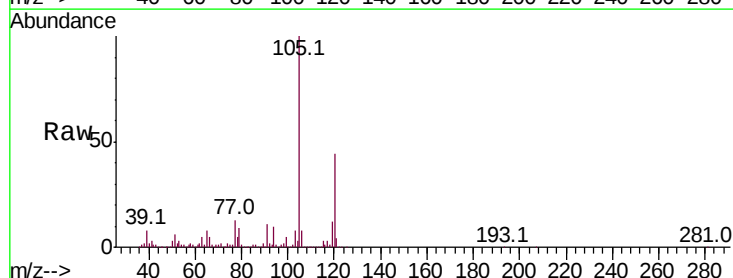
Tgt Ion: 94 Resp: 204545

Ion Ratio Lower Upper

94 100

65 76.1 9.5 49.5#

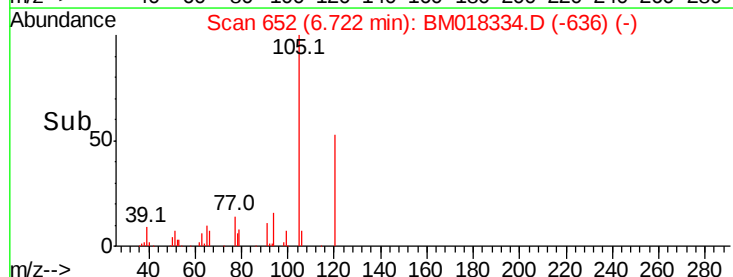
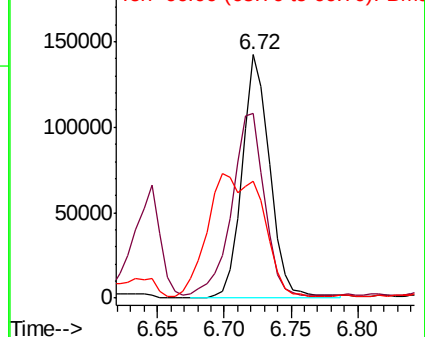
66 47.9 21.3 61.3

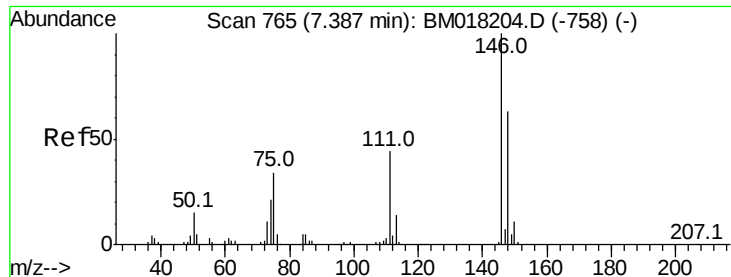


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)





#12

1,3-Dichlorobenzene

Concen: 13.372 ng

RT: 7.37 min Scan# 763

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

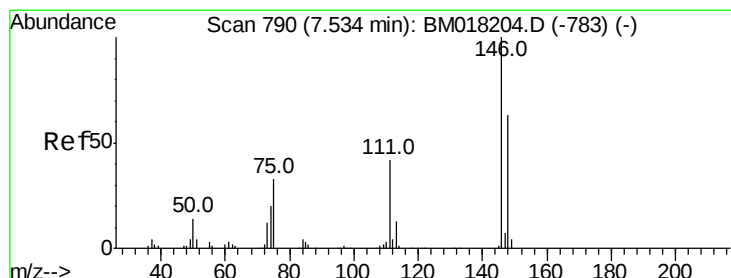
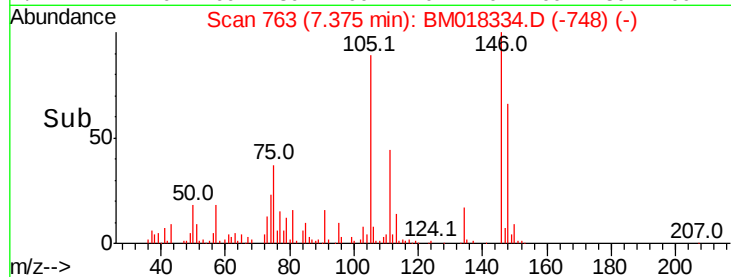
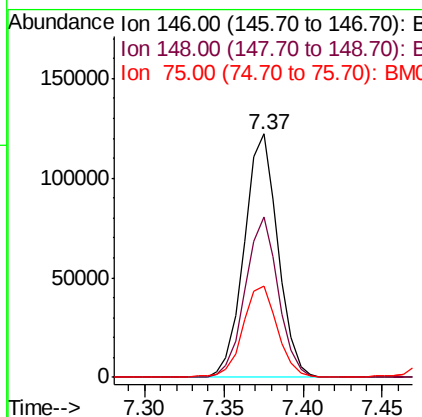
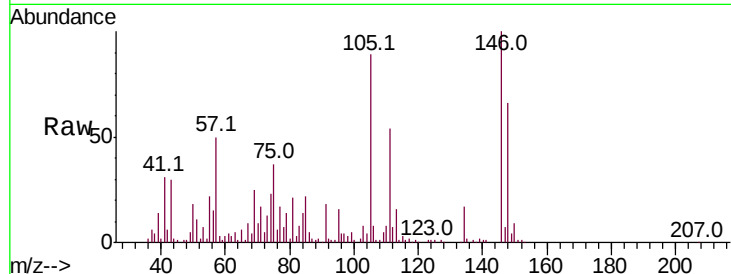
ClientSampleId :

P001-SS013A-3036-01

Tot Ion:	146	Resp:	180351
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.6	76.0
75	37.3	27.0	40.4

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#13

1,4-Dichlorobenzene

Concen: 98.481 ng

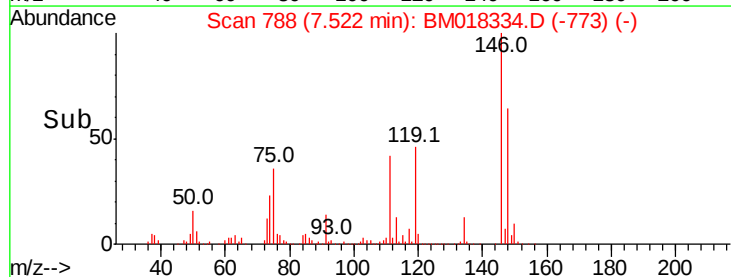
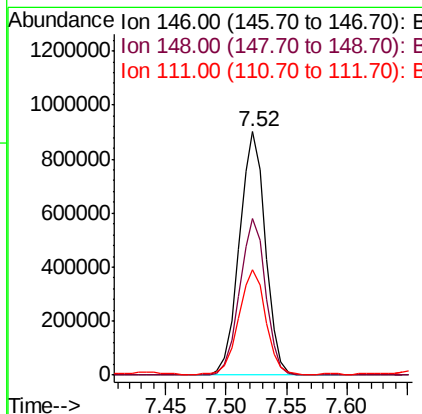
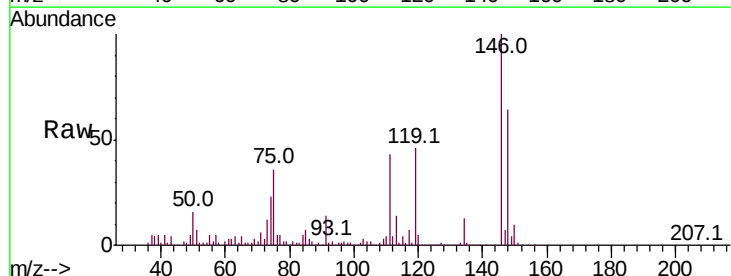
RT: 7.52 min Scan# 788

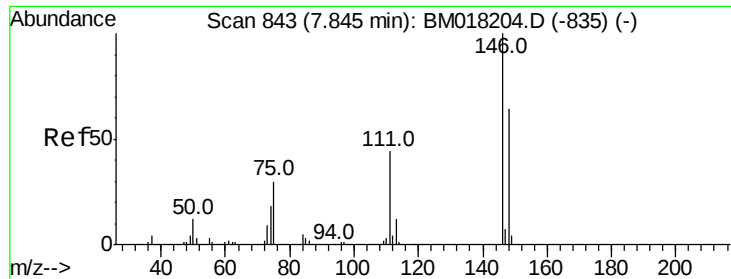
Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Tgt Ion:	146	Resp:	1348802
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.7	76.1
111	43.3	34.2	51.2





#14

1,2-Dichlorobenzene

Concen: 30.052 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.02 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

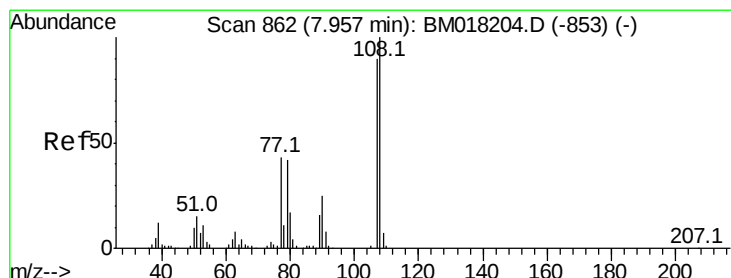
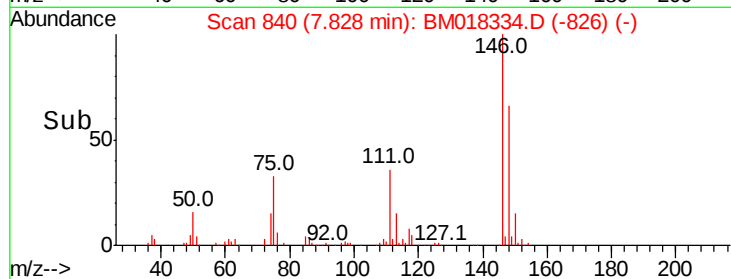
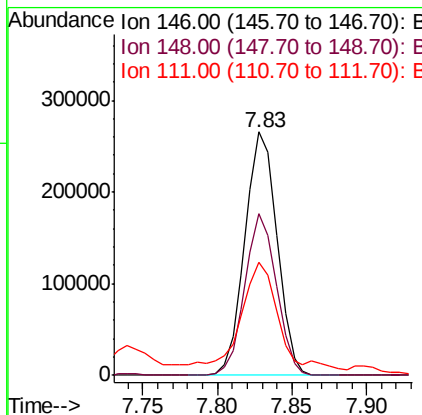
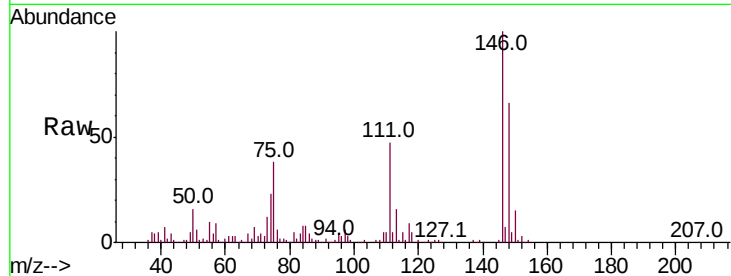
ClientSampleId :

P001-SS013A-3036-01

Tot Ion:	146	Resp:	396779
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.3	76.9
111	46.6	35.8	53.8

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#17

2-Methylphenol

Concen: 3.893 ng

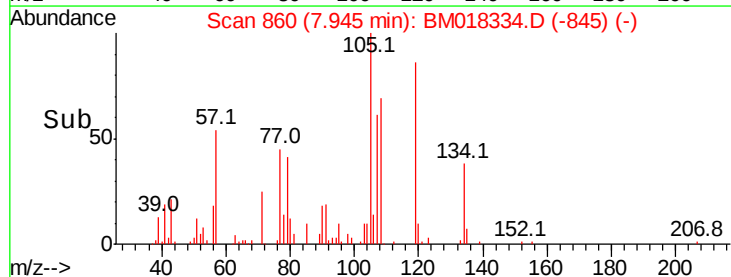
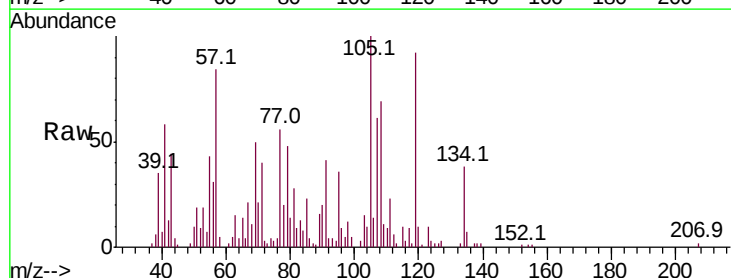
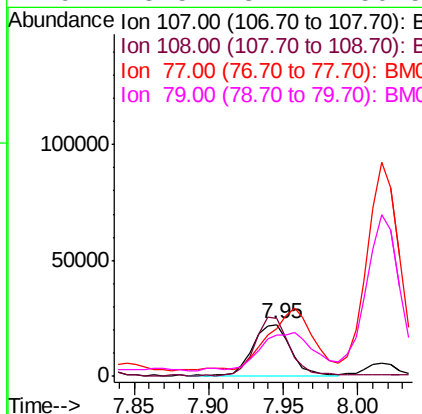
RT: 7.95 min Scan# 860

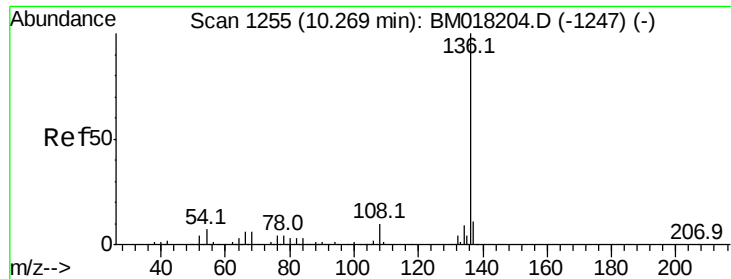
Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Tgt Ion:	107	Resp:	39114
Ion Ratio	Lower	Upper	
107	100		
108	112.7	89.3	133.9
77	91.9	38.2	57.4#
79	78.5	37.7	56.5#





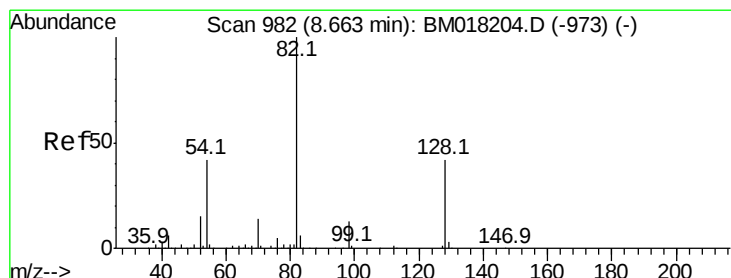
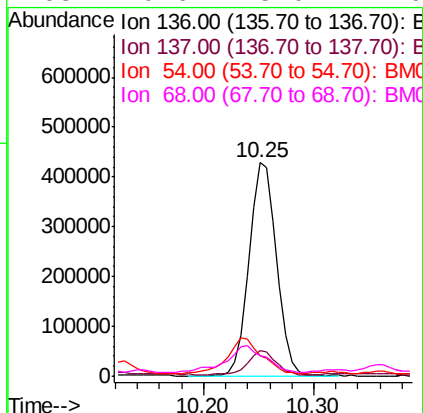
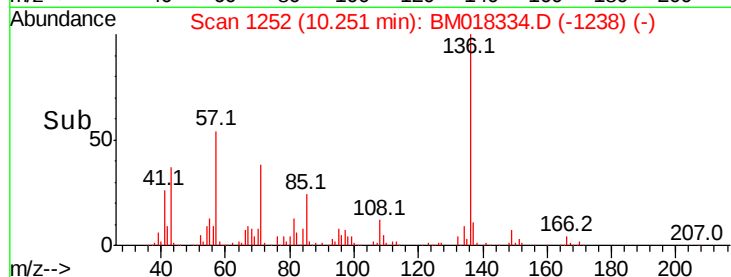
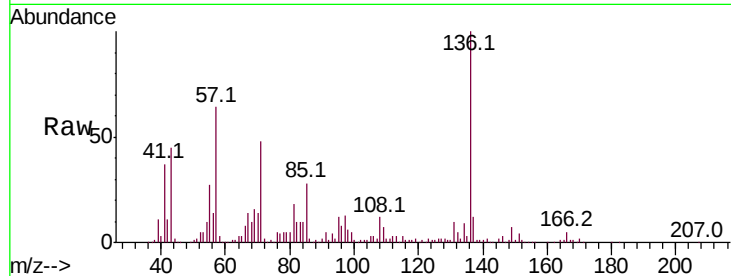
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	9.2	13.8	
54	9.8	5.2	7.8	
68	9.6	5.0	7.6	

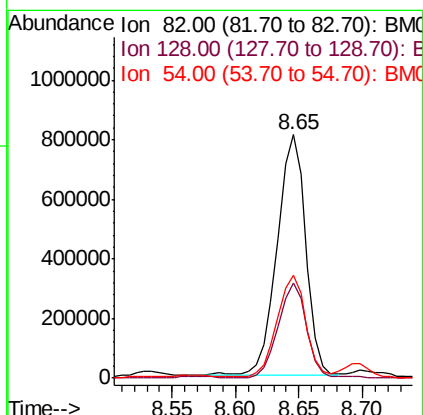
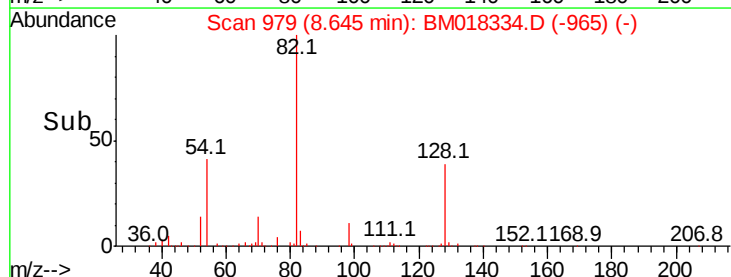
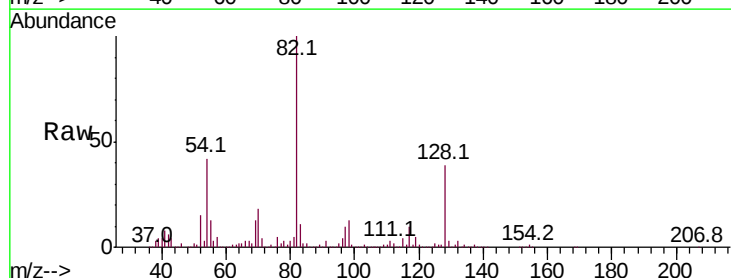
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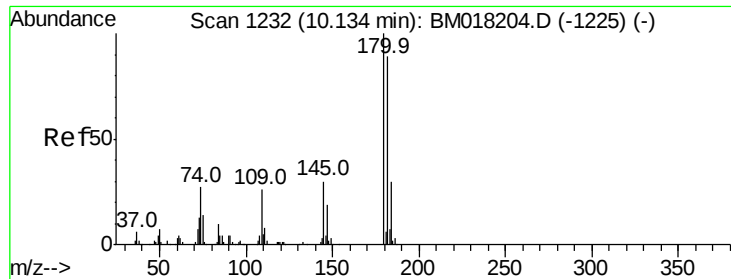
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#23
Nitrobenzene-d5
Concen: 87.286 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	33.4	50.2	
54	42.2	33.4	50.2	





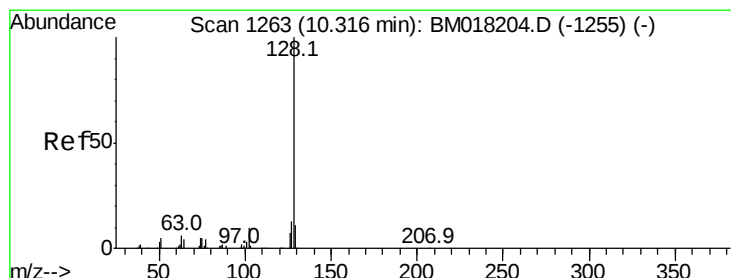
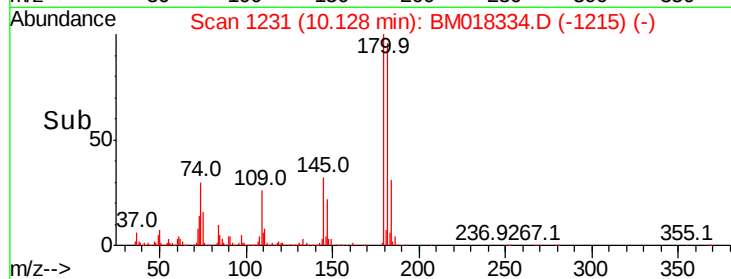
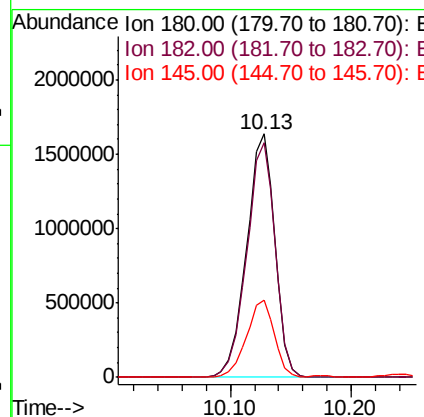
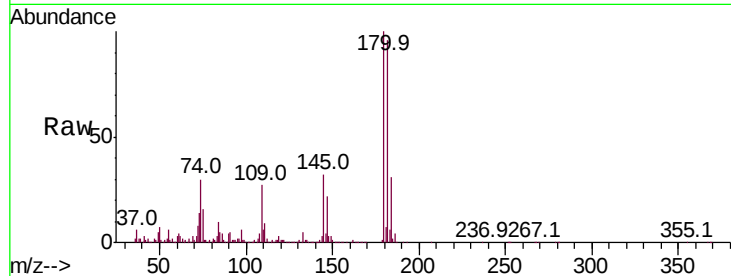
#30
 1,2,4-Trichlorobenzene
 Concen: 205.141 ng
 RT: 10.13 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013A-3036-01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	71.4	107.2
145	31.7	24.4	36.6

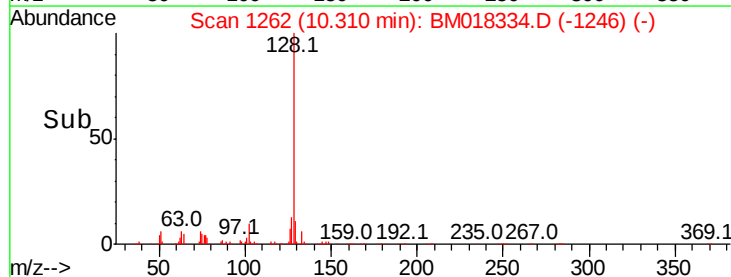
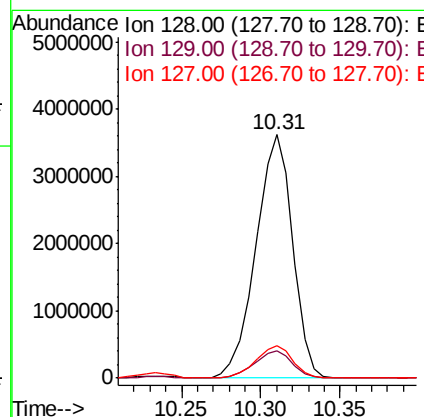
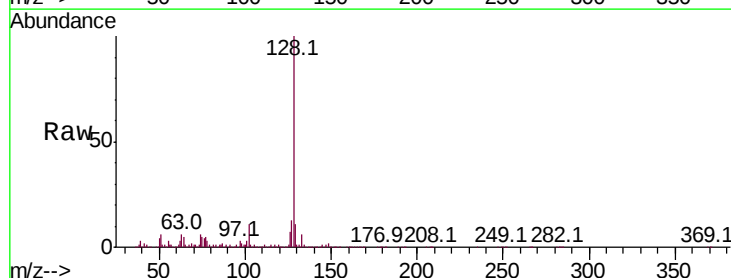
Manual Integrations
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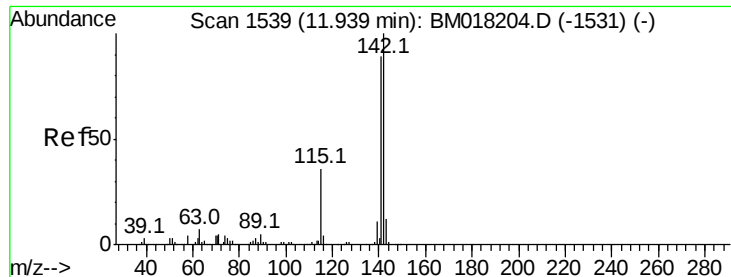
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#31
 Naphthalene
 Concen: 159.241 ng
 RT: 10.31 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.4	15.6





#37

2-Methylnaphthalene

Concen: 128.296 ng

RT: 11.93 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :
BNA_M

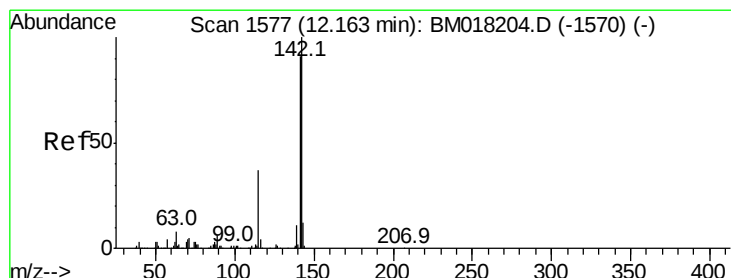
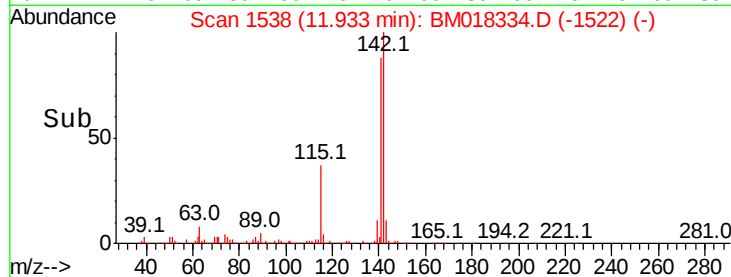
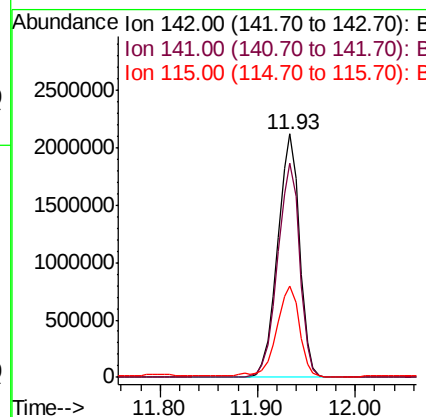
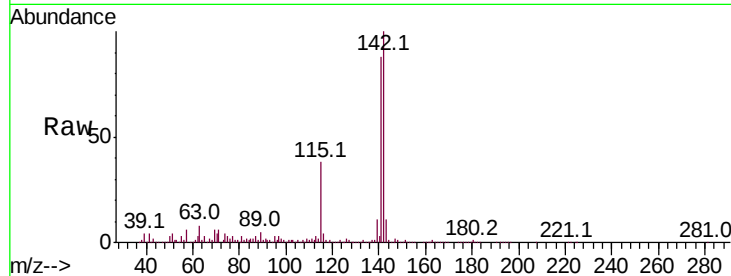
ClientSampleId :
P001-SS013A-3036-01

Tot Ion:142 Resp: 3312008

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	37.7	29.0	43.6

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 69.756 ng

RT: 12.16 min Scan# 1576

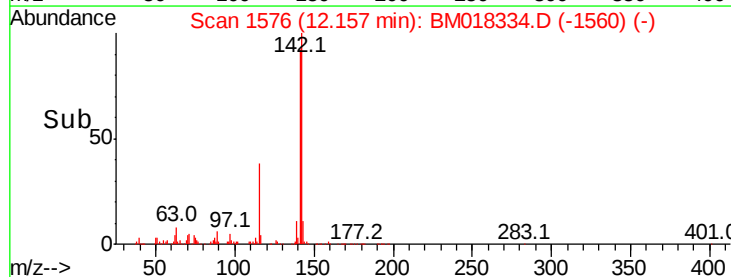
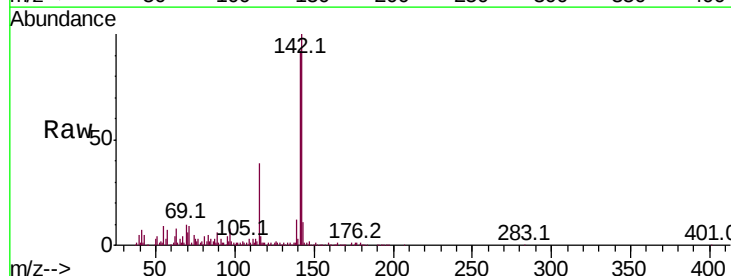
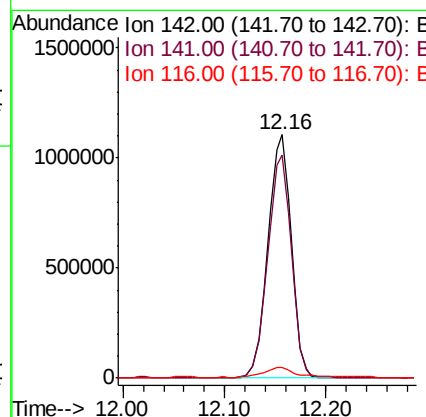
Delta R.T. -0.01 min

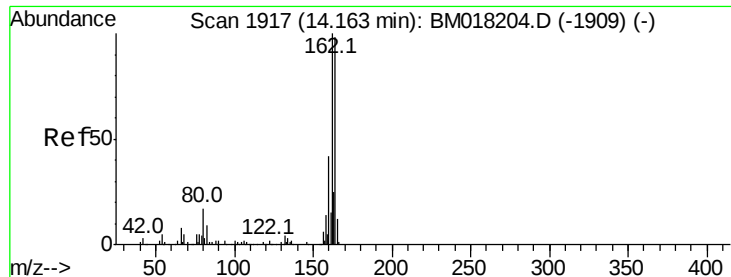
Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Tgt Ion:142 Resp: 1757186

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

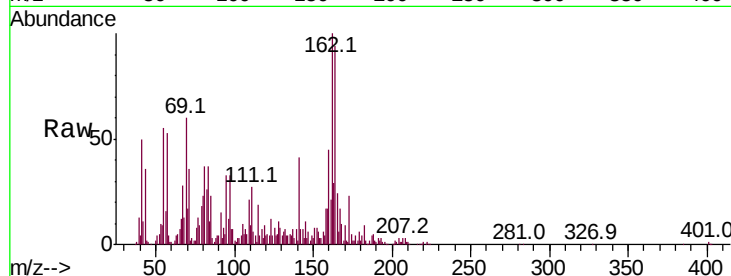
ClientSampleId :

P001-SS013A-3036-01

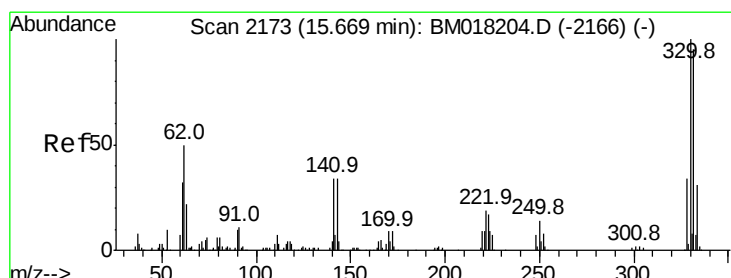
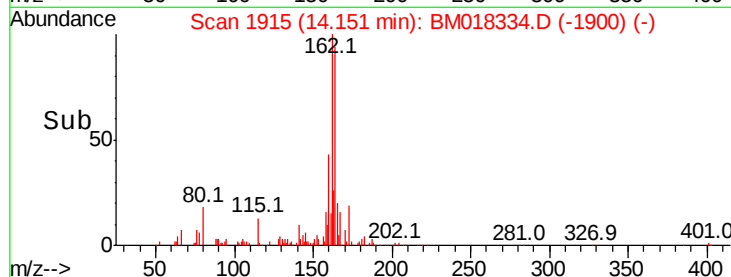
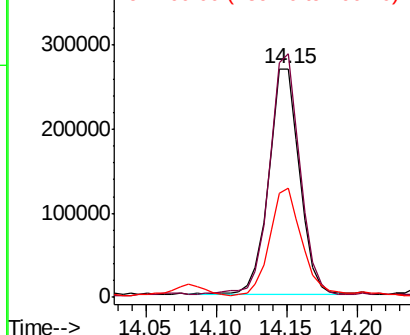
Tot Ion:	164	Resp:	409554
Ion Ratio	Lower	Upper	
164	100		
162	106.6	81.8	122.6
160	47.6	34.6	51.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 128.936 ng

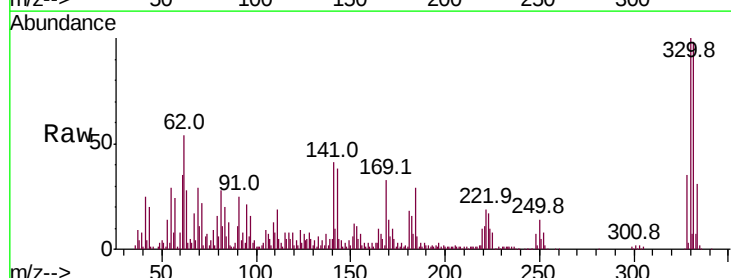
RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

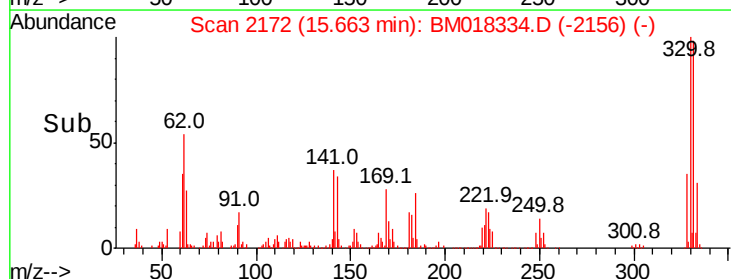
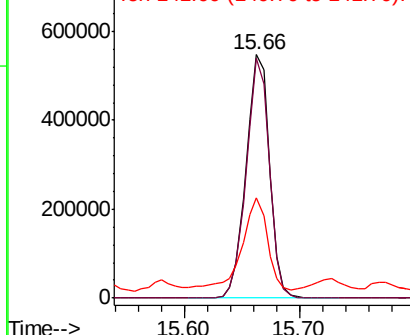
Lab File: BM018334.D

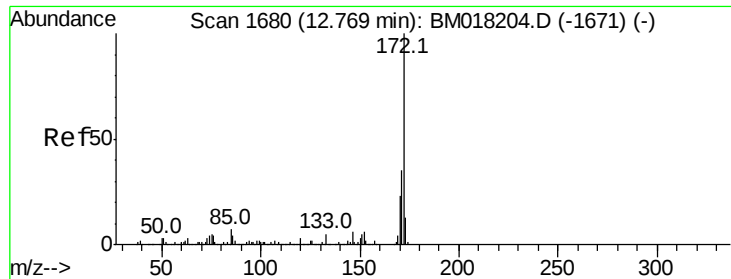
Acq: 20 Dec 2018 17:32

Tgt Ion:	330	Resp:	775048
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.6	118.0
141	40.0	27.1	40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





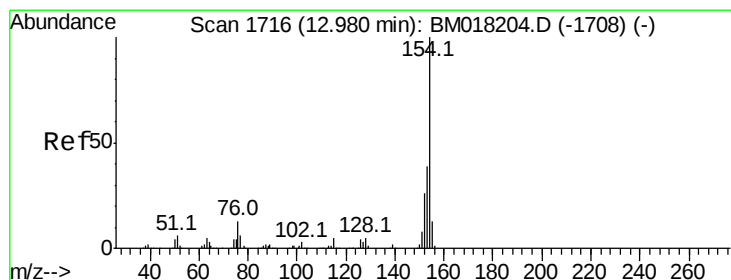
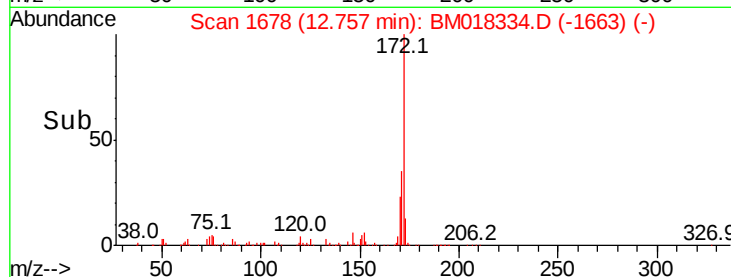
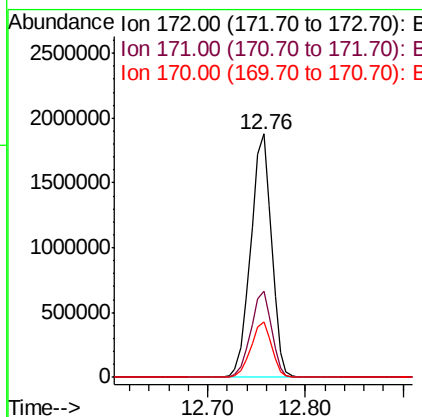
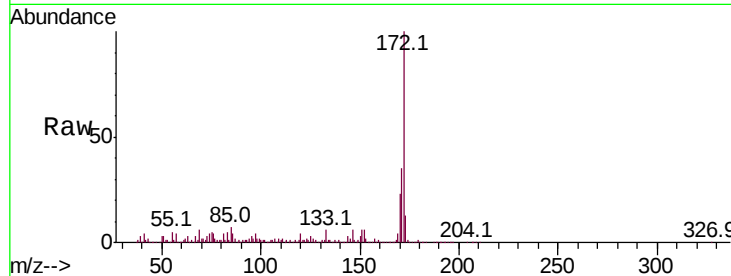
#45
2-Fluorobiphenyl
Concen: 88.037 ng
RT: 12.76 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

Tot Ion:172 Resp: 2783748
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.5 18.1 27.1

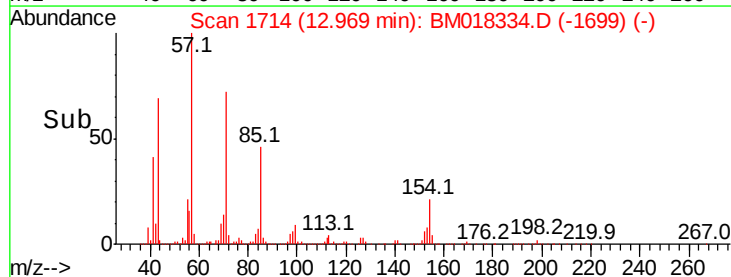
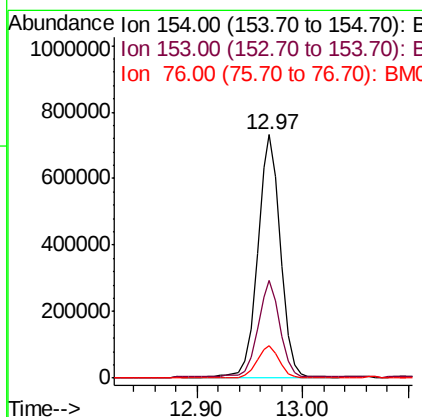
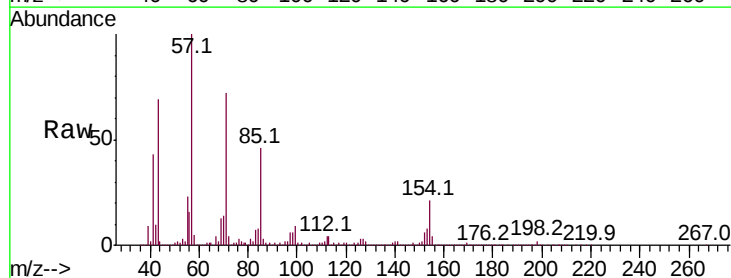
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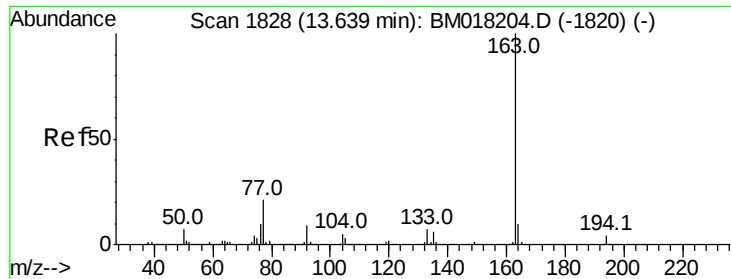
Sohil
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#46
1,1'-Biphenyl
Concen: 29.549 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion:154 Resp: 1088744
Ion Ratio Lower Upper
154 100
153 40.0 19.5 59.5
76 13.2 0.0 33.1





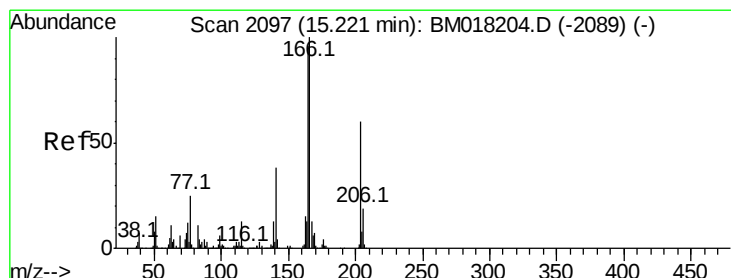
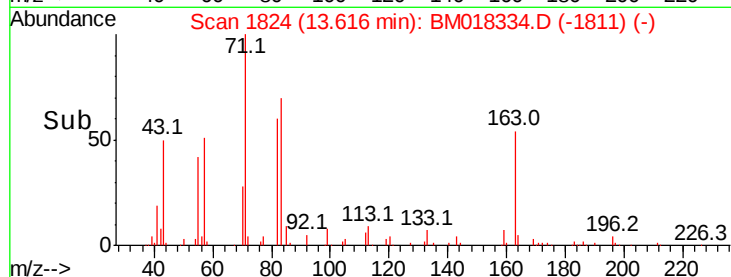
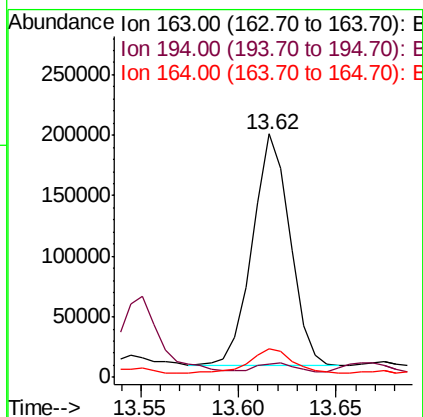
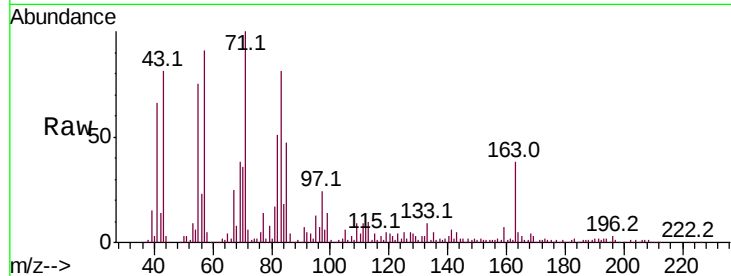
#50
Dimethylphthalate
Concen: 7.535 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.1	4.7#
164	12.0	7.9	11.9#

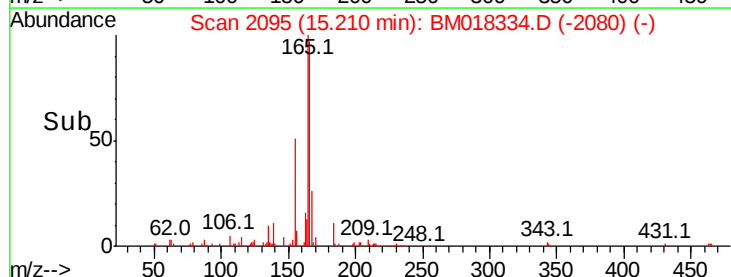
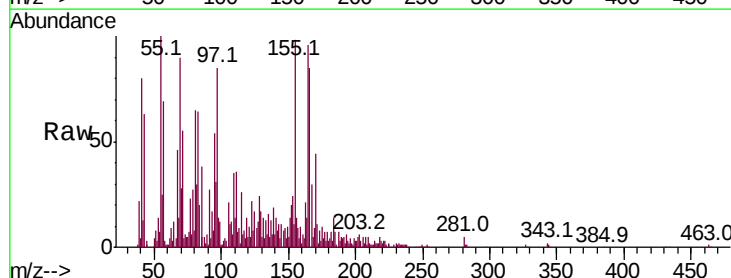
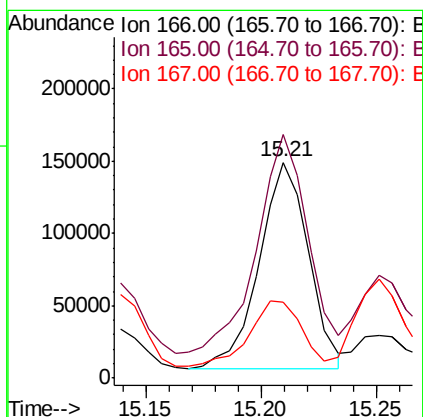
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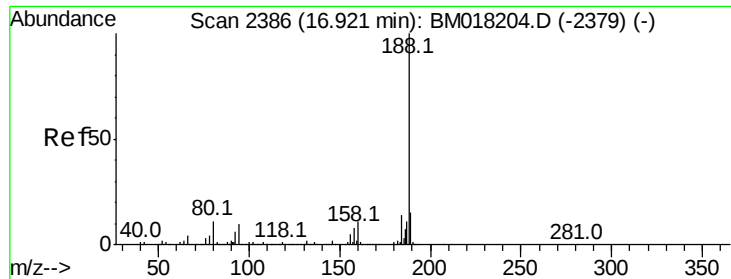
Sohil
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#58
Fluorene
Concen: 6.835 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	112.7	76.9	115.3
167	34.9	10.5	15.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

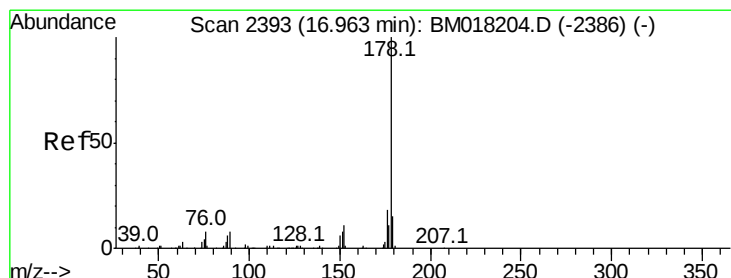
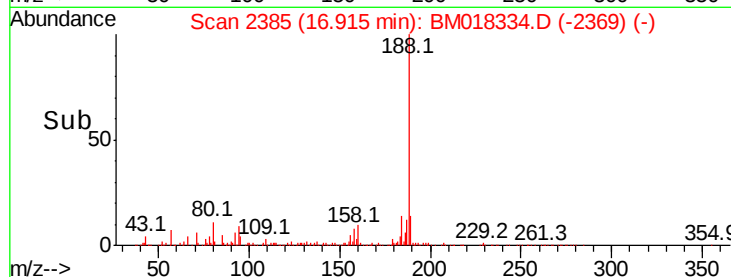
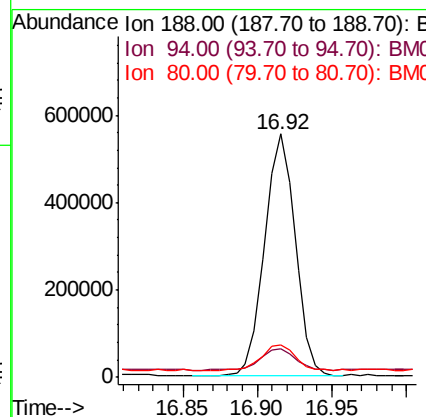
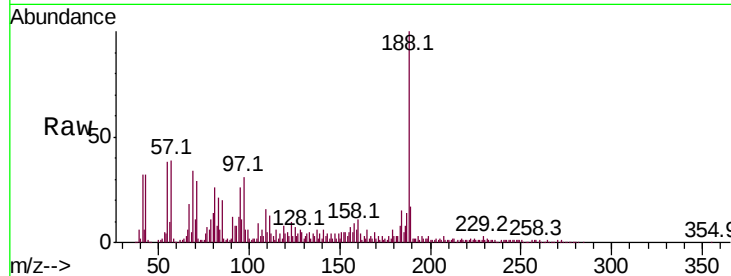
ClientSampleId :

P001-SS013A-3036-01

Tot Ion:	188	Resp:	788561
Ion Ratio	Lower	Upper	
188	100		
94	11.8	8.0	12.0
80	13.6	9.0	13.6

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#71

Phenanthrene

Concen: 31.211 ng

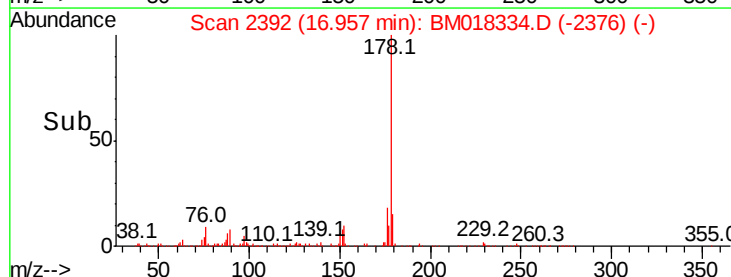
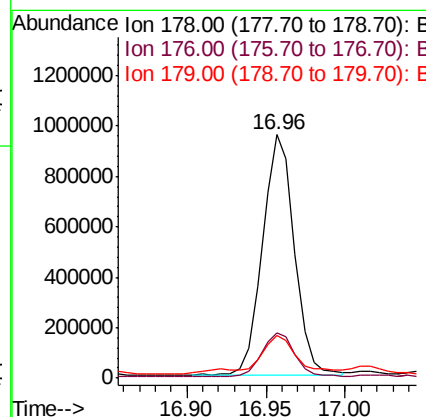
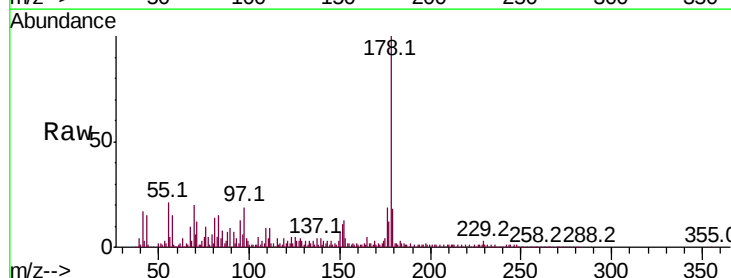
RT: 16.96 min Scan# 2392

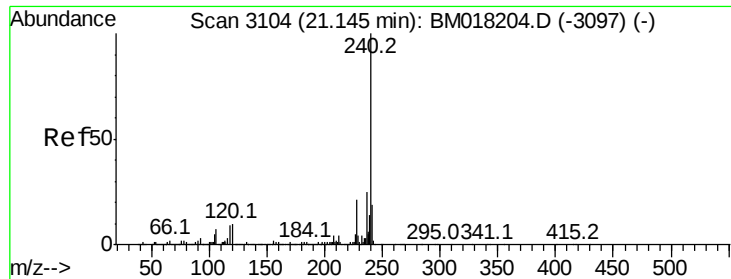
Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Tgt Ion:	178	Resp:	1336868
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.7	22.1
179	17.5	12.0	18.0





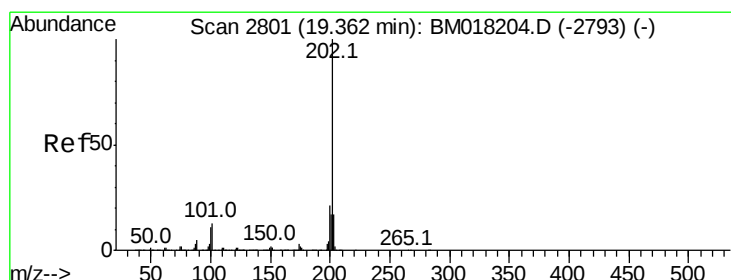
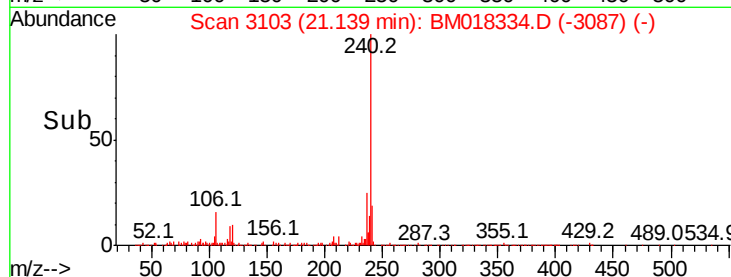
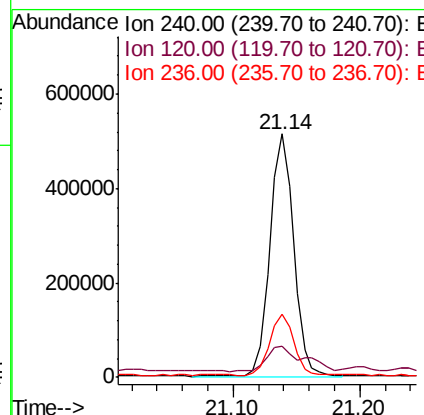
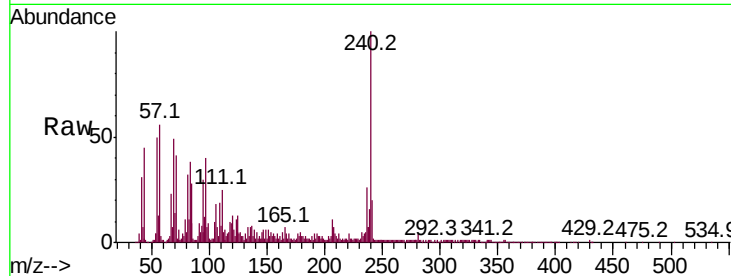
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013A-3036-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.2	12.2#
236	26.1	20.3	30.5

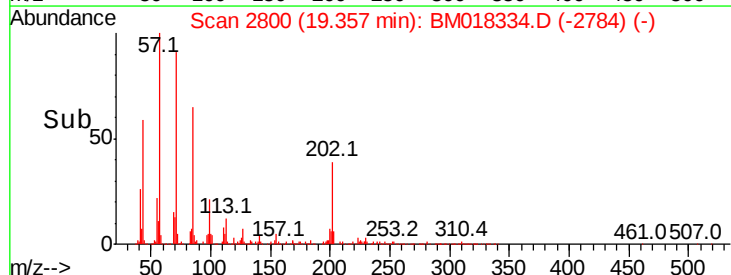
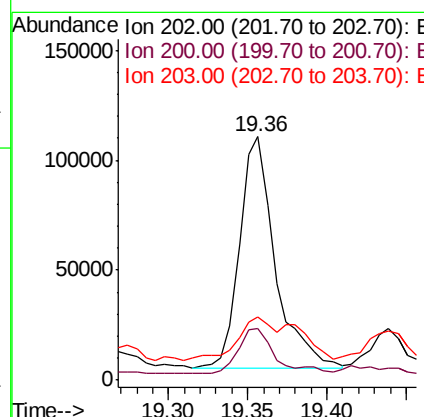
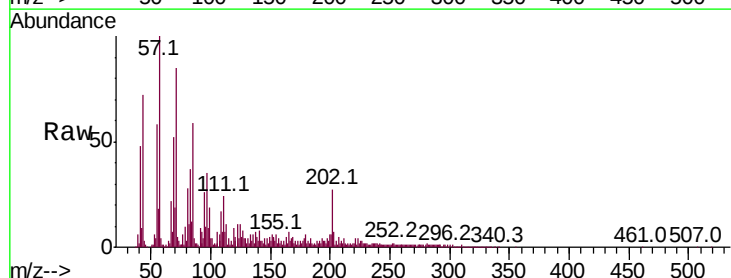
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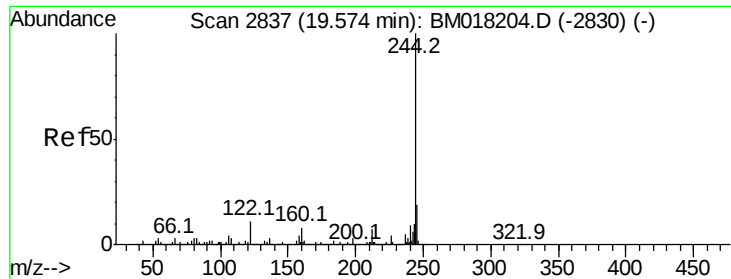
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#78
 Pyrene
 Concen: 4.074 ng
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.5	24.7
203	25.8	14.0	21.0#





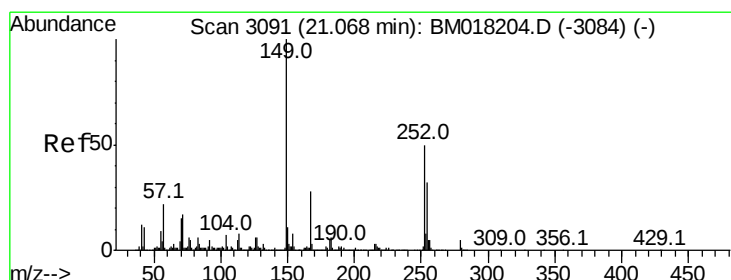
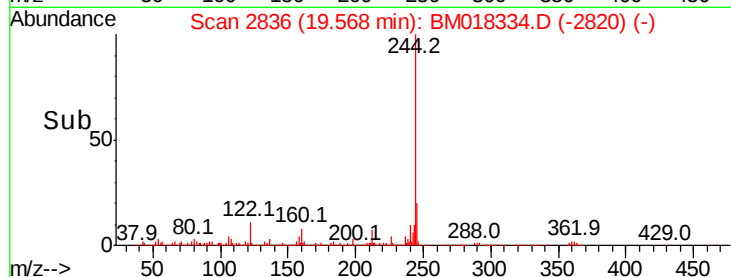
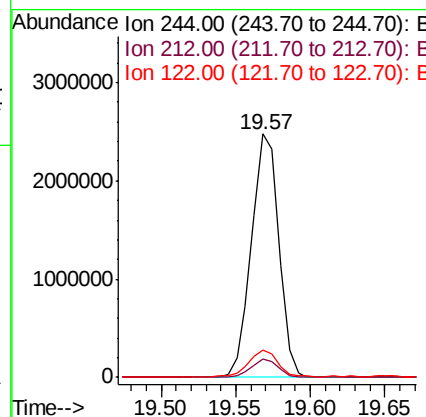
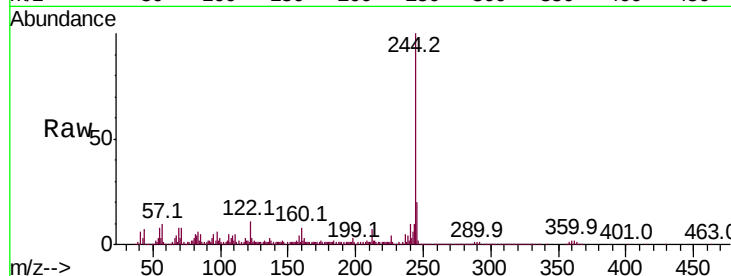
#79
 Terphenyl-d14
 Concen: 105.147 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013A-3036-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.3	9.0	13.6

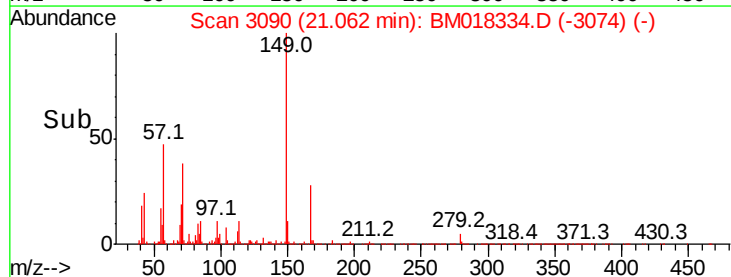
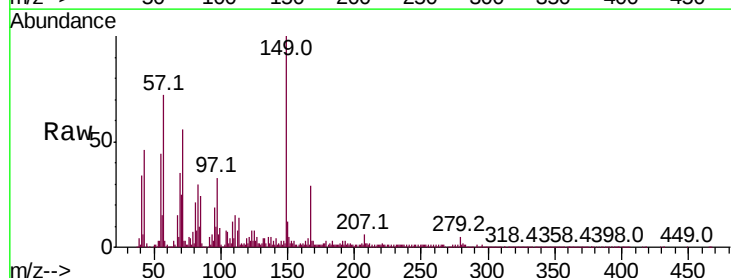
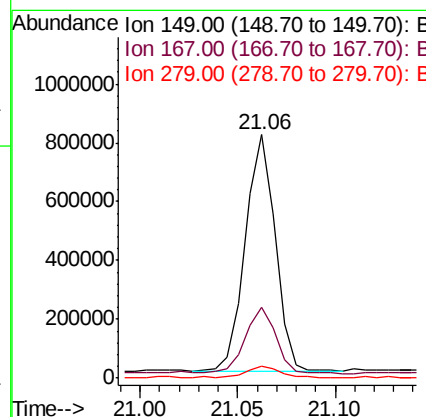
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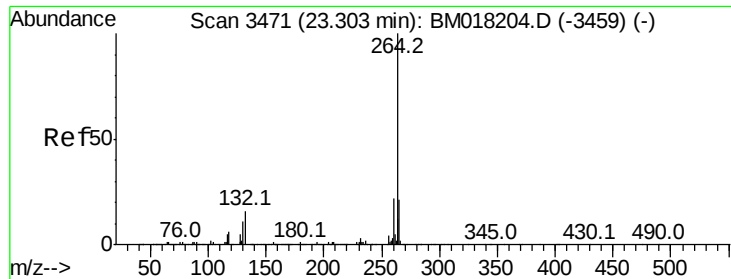
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.000 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.7	34.1
279	4.8	3.9	5.9





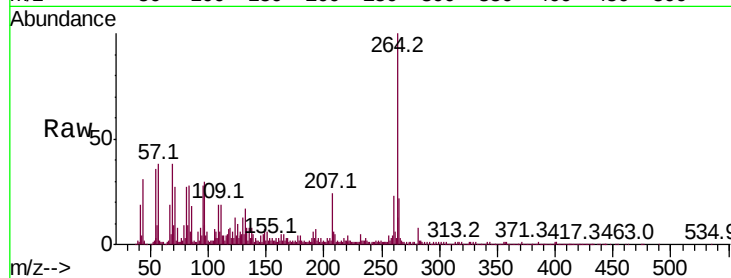
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.5	26.3
265	22.5	17.3	25.9

Manual Integrations
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Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

