

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019509.D
 Acq On : 27 Mar 2019 17:41
 Operator : JU/SJ
 Sample : K2063-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DB6R7MS

Manual Integrations
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Quant Time: Mar 28 05:54:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	105705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	452931	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	274802	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	608216	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	719547	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	871236	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	11061	4.10	ng/uL	-0.02
5) Phenol-d5	6.80	99	112165	11.92	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.95	67	205086	32.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	216983	30.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	149234	21.12	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	186941m	57.86	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	150074	41.73	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.01	165	258508	38.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	4561	0.56	ng/ul	0.03
44) Dimethylphthalate-d6	13.67	166	804532	36.28	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	1003846	36.21	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	33693	9.69	ng/ul	0.01
58) Fluorene-d10	15.25	176	686419	35.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	150462	37.41	ng/ul	0.00
71) Anthracene-d10	17.11	188	1093811	37.48	ng/ul	0.00
79) Pyrene-d10	19.42	212	1224296	36.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1568577	33.96	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.82	94	125502	12.777	ng/ul#	1
10) 2-Chlorophenol	7.17	128	212198	29.259	ng/ul	99
11) 2-Methylphenol	8.06	108	45902	6.701	ng/ul	89
14) Acetophenone	8.42	105	318549m	27.683	ng/ul	
15) N-Nitroso-di-n-propylamine	8.40	70	226792	35.170	ng/ul	91
16) 4-Methylphenol	8.38	108	44657	5.944	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	91456	10.610	ng/ul#	71
28) Naphthalene	10.44	128	16173939	689.316	ng/ul#	95
33) 4-Chloro-3-methylphenol	11.69	107	307046	42.485	ng/ul	92
34) 2-Methylnaphthalene	12.05	142	3260442	198.310	ng/ul	100
35) 1-Methylnaphthalene	12.27	142	1564931	100.808	ng/ul	96
41) 1,1'-Biphenyl	13.07	154	50770	2.169	ng/ul#	94
50) Acenaphthene	14.32	153	646597	33.410	ng/ul	99
53) 4-Nitrophenol	14.52	109	24286	8.928	ng/ul#	74
55) 2,4-Dinitrotoluene	14.65	165	240820	39.819	ng/ul	99
57) Diethylphthalate	15.09	149	27563	1.260	ng/ul	98
69) Pentachlorophenol	16.66	266	183375	43.865	ng/ul	98
80) Pyrene	19.44	202	1541322	35.606	ng/ul#	85

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

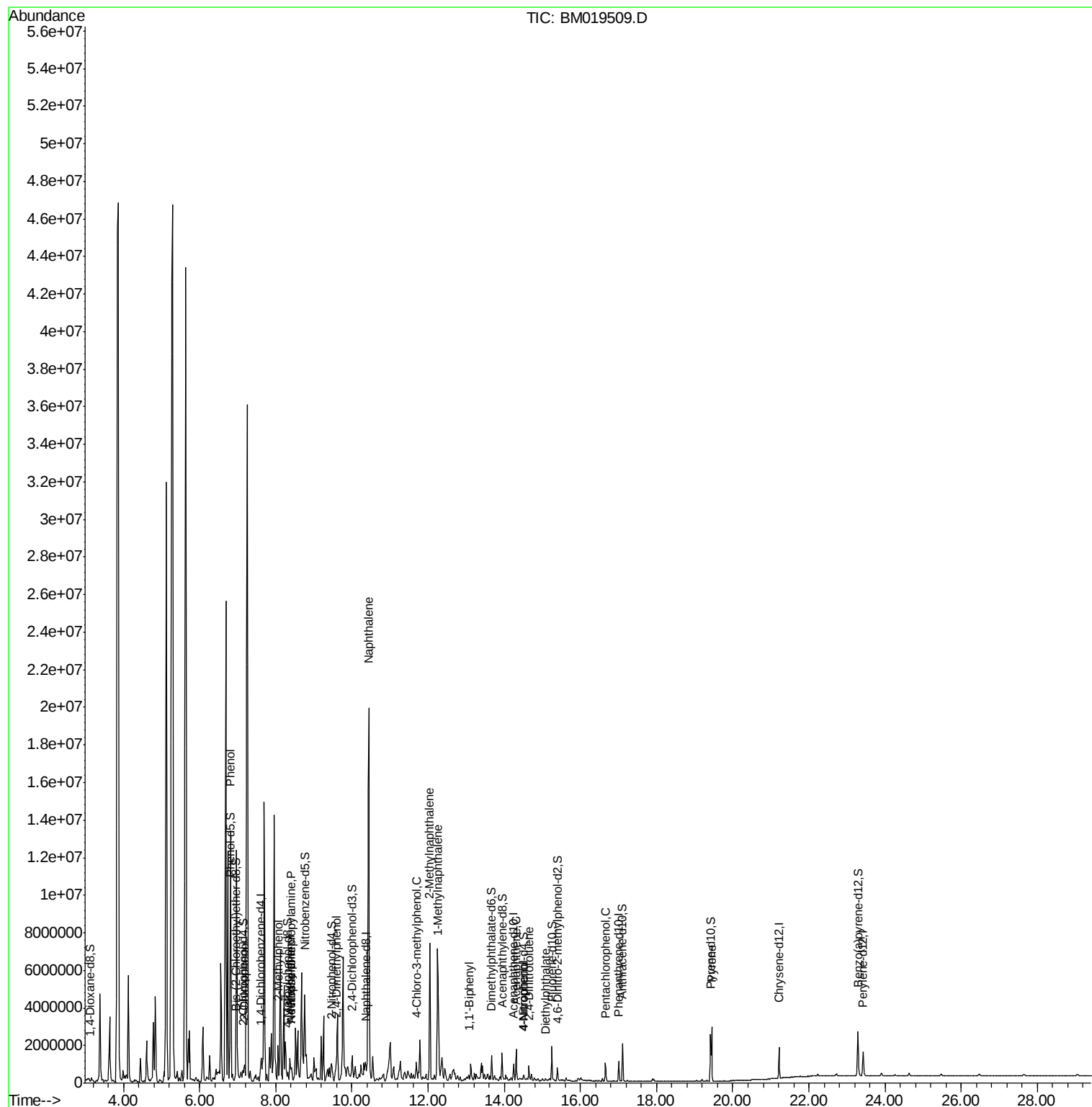
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019509.D
Acq On : 27 Mar 2019 17:41
Operator : JU/SJ
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ALS Vial : 5 Sample Multiplier: 1

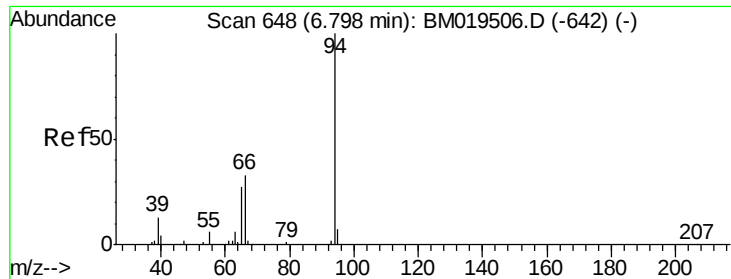
Instrument :
BNA_M
ClientSampleId :
DB6R7MS

Quant Time: Mar 28 05:54:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
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#6

Phenol

Concen: 12.777 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.02 min

Lab File: BM019509.D

Acq: 27 Mar 2019 17:41

Instrument :

BNA_M

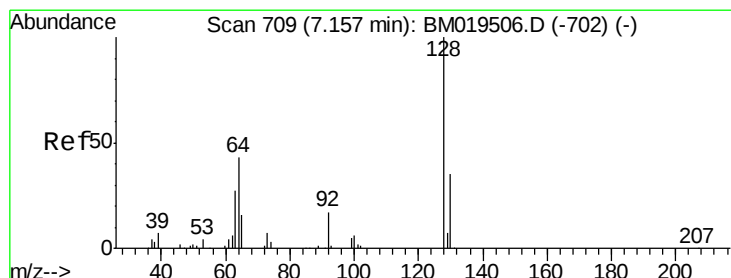
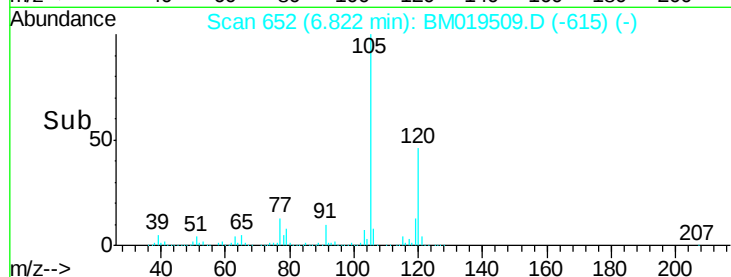
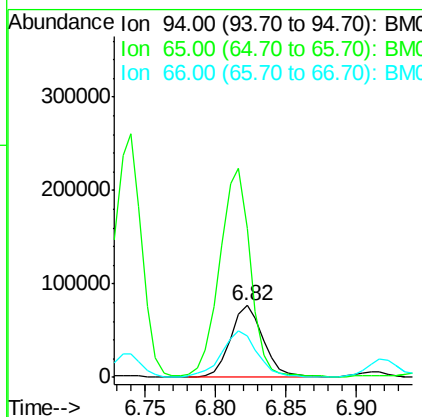
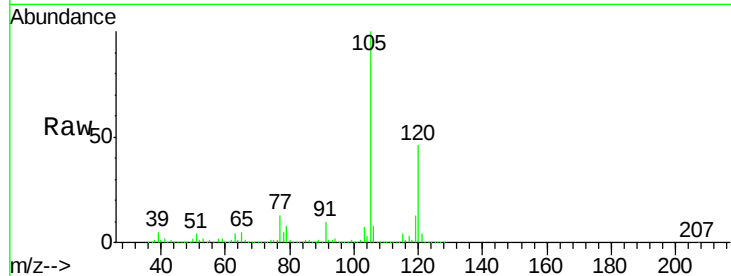
ClientSampleId :

DB6R7MS

Tgt Ion:	94	Resp:	125502
Ion Ratio	Lower	Upper	
94	100		
65	208.3	23.0	34.6#
66	57.5	30.4	45.6#

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#10

2-Chlorophenol

Concen: 29.259 ng/ul

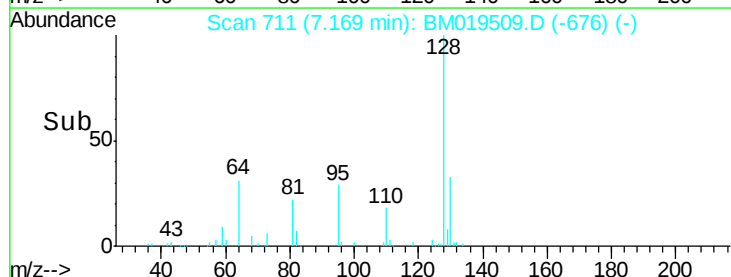
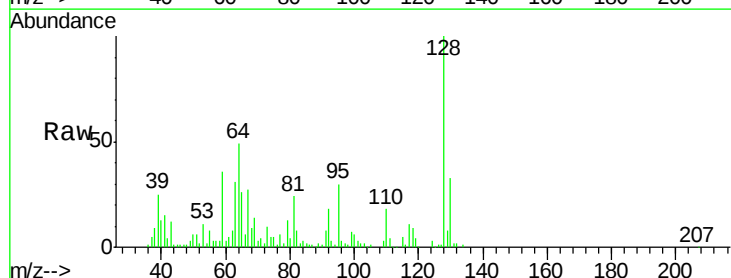
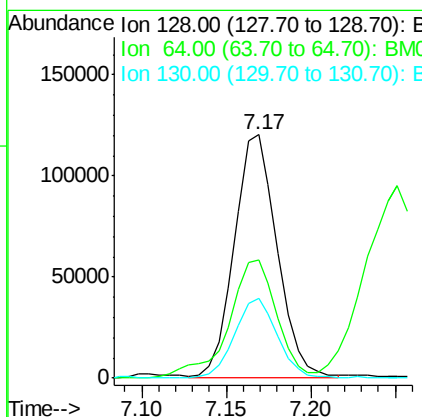
RT: 7.17 min Scan# 711

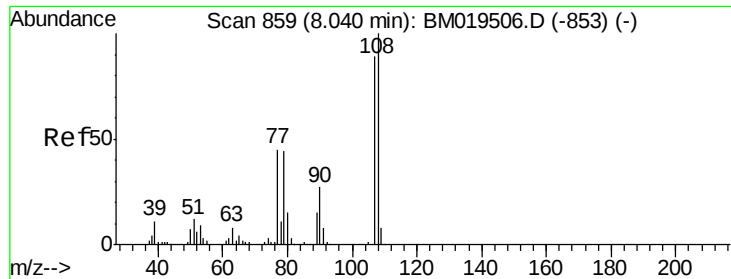
Delta R.T. 0.01 min

Lab File: BM019509.D

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Tgt Ion:	128	Resp:	212198
Ion Ratio	Lower	Upper	
128	100		
64	48.8	39.8	59.6
130	33.0	25.8	38.8





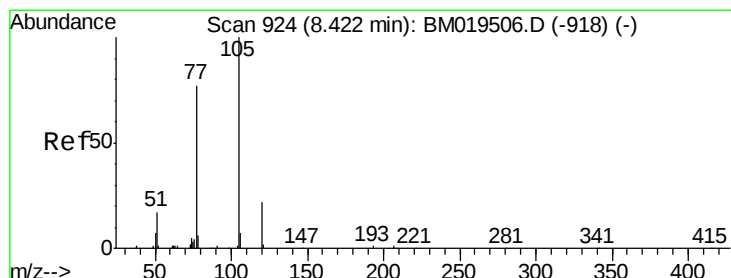
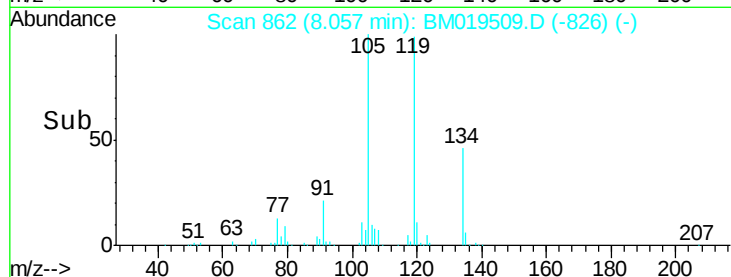
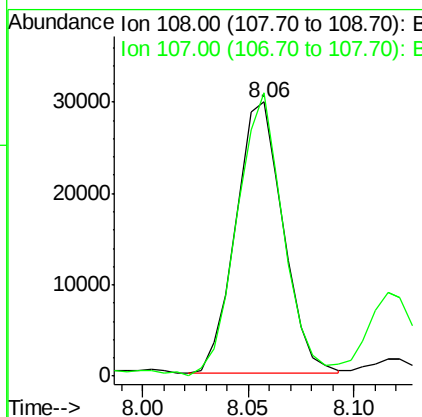
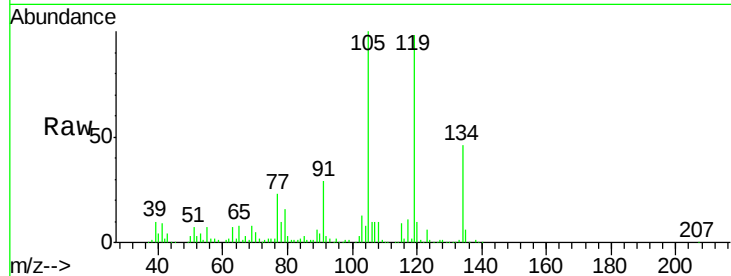
#11
2-Methylphenol
Concen: 6.701 ng/ul
RT: 8.06 min Scan# 862
Delta R.T. 0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Instrument :
BNA_M
ClientSampleId :
DB6R7MS

Tgt Ion:108 Resp: 45902
Ion Ratio Lower Upper
108 100
107 103.3 74.1 111.1

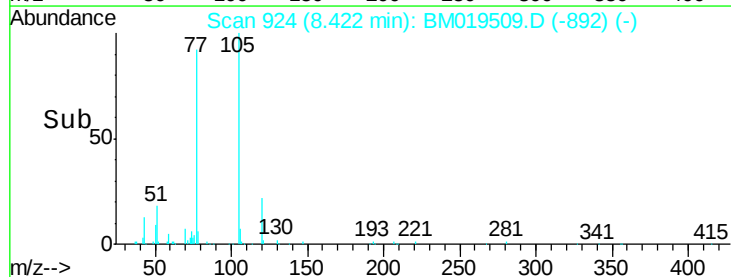
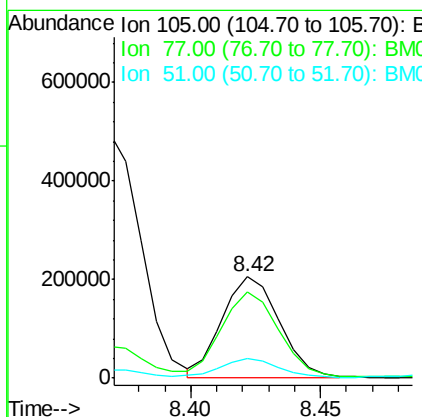
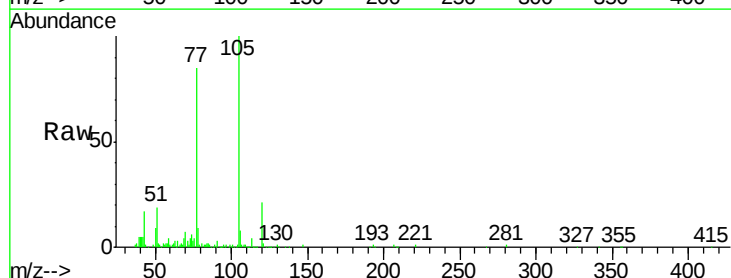
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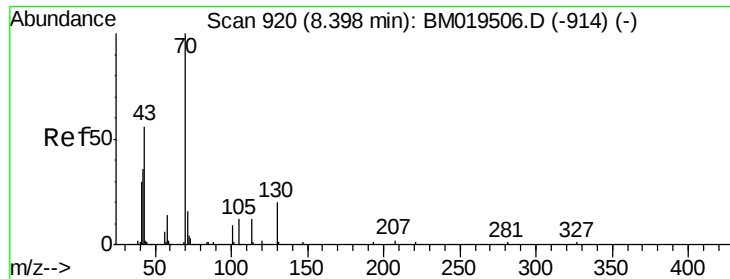
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#14
Acetophenone
Concen: 27.683 ng/ul m
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Tgt Ion:105 Resp: 318549
Ion Ratio Lower Upper
105 100
77 84.8 63.2 94.8
51 19.3 19.8 29.8#





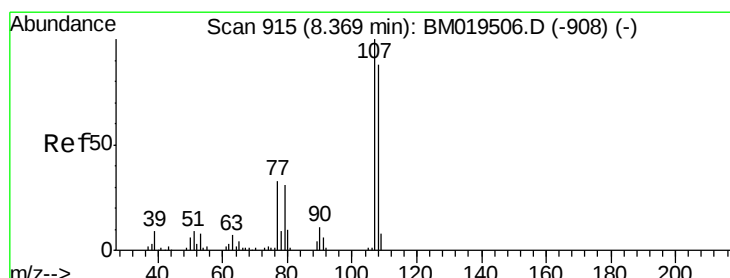
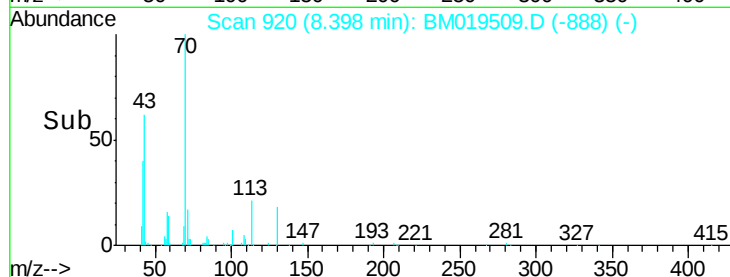
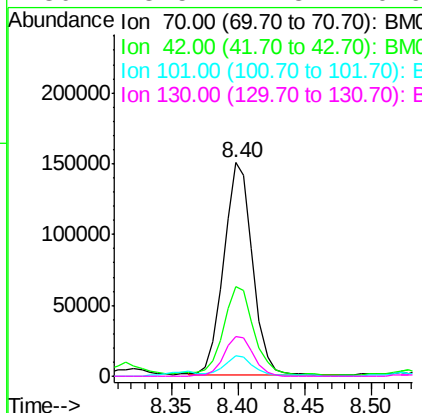
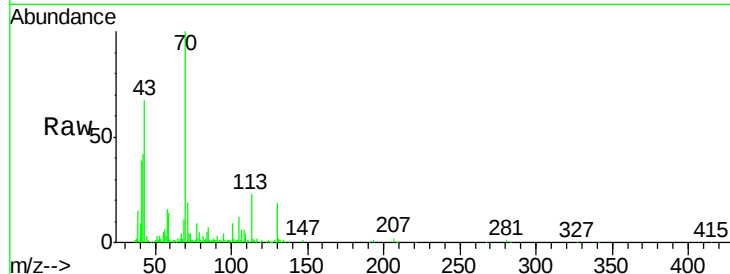
#15
N-Nitroso-di-n-propylamine
Concen: 35.170 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Instrument :
BNA_M
ClientSampleId :
DB6R7MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.1	40.2	60.4
101	9.4	7.7	11.5
130	18.5	17.8	26.6

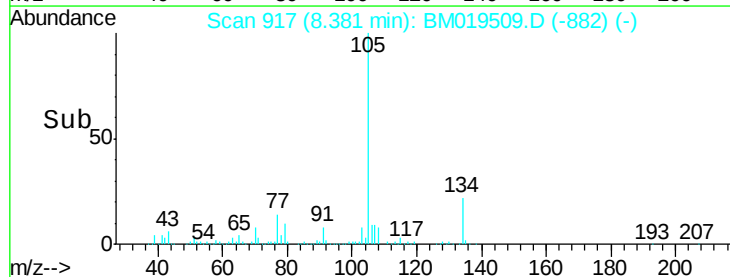
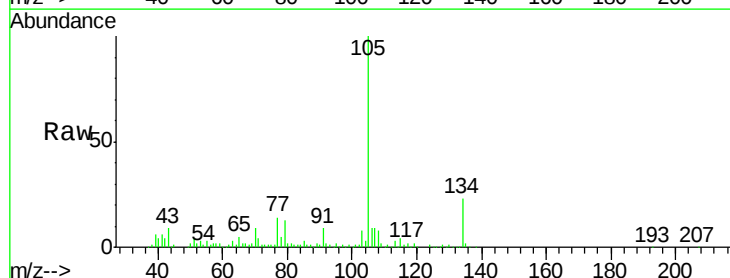
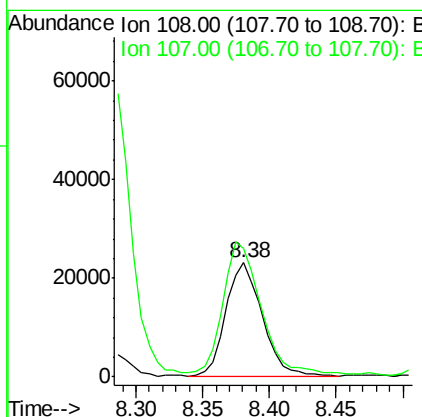
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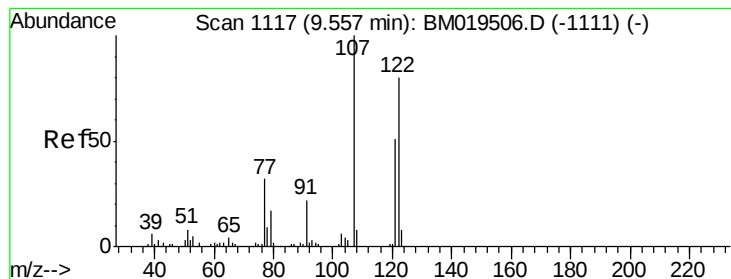
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#16
4-Methylphenol
Concen: 5.944 ng/ul
RT: 8.38 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Tgt Ion	Ratio	Lower	Upper
108	100		
107	112.8	93.6	140.4





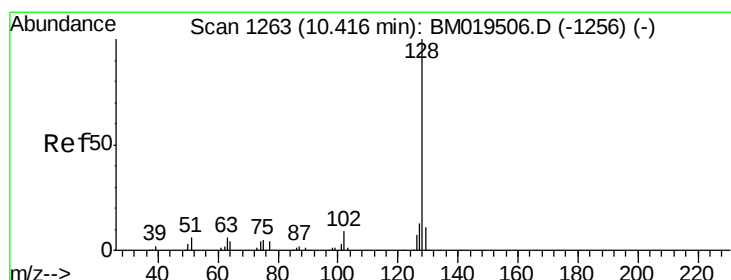
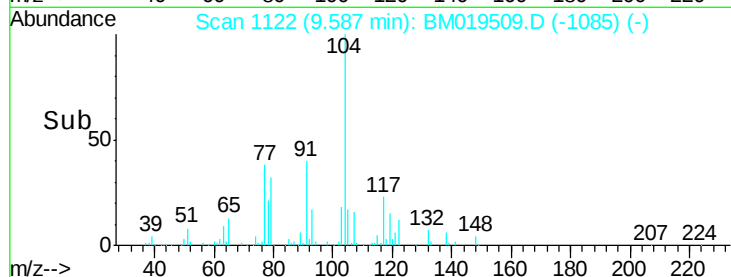
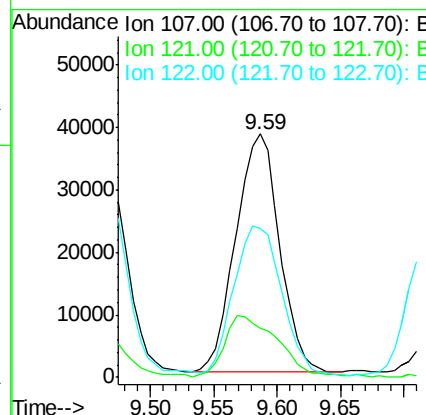
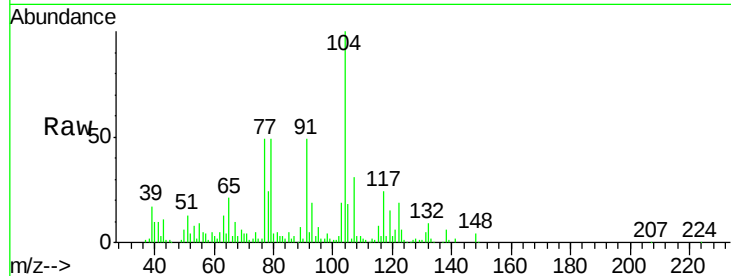
#24
2,4-Dimethylphenol
Concen: 10.610 ng/ul
RT: 9.59 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Instrument :
BNA_M
ClientSampled :
DB6R7MS

Tgt Ion	Ratio	Lower	Upper
107	100		
121	20.3	38.1	57.1#
122	61.0	63.8	95.8#

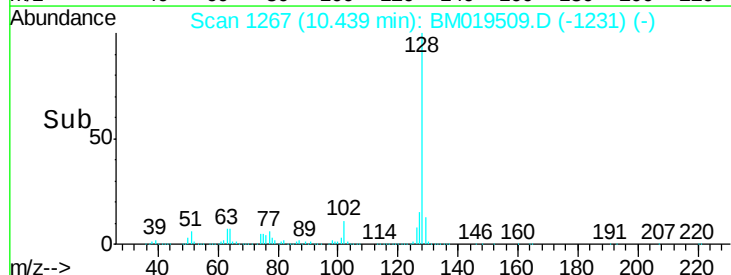
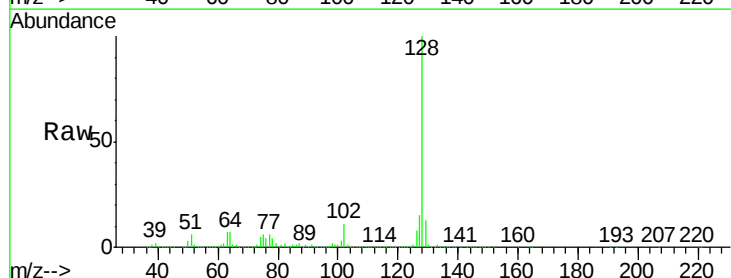
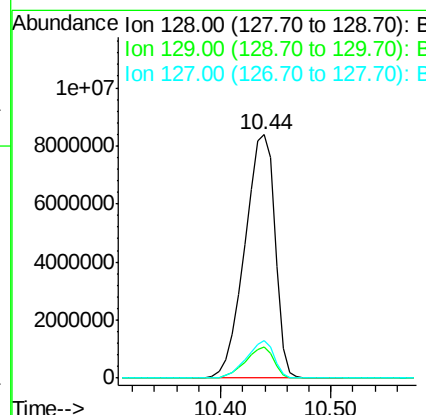
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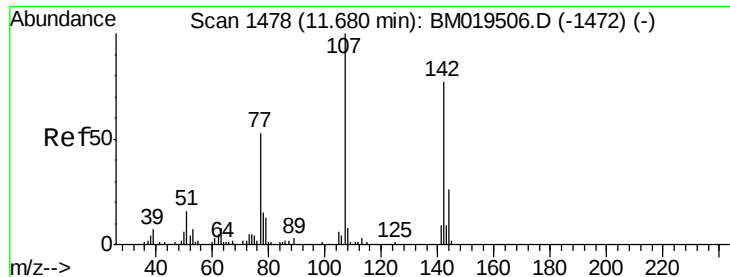
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#28
Naphthalene
Concen: 689.316 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.3	12.5#
127	15.4	10.8	16.2





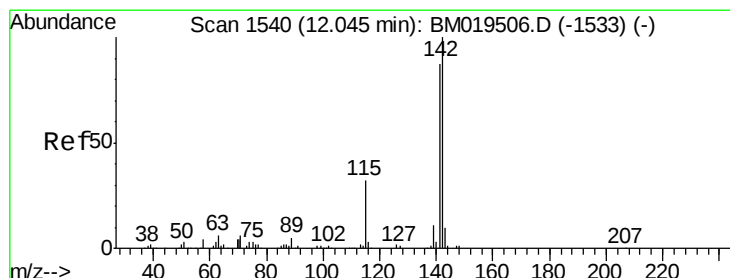
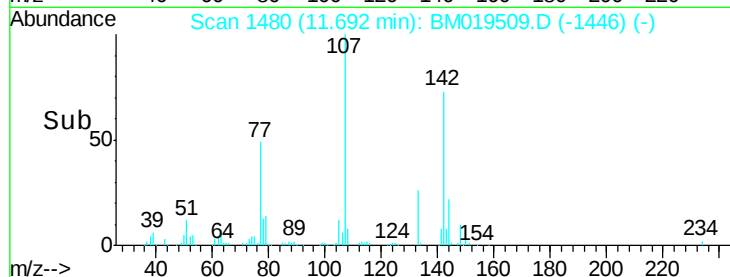
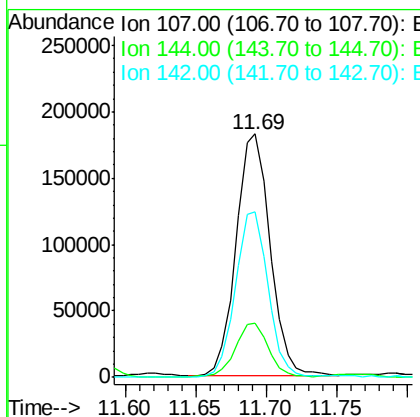
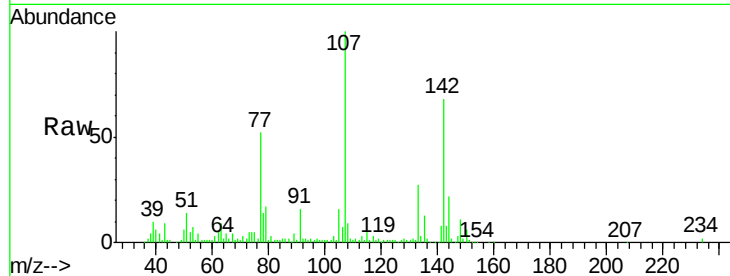
#33
 4-Chloro-3-methylphenol
 Concen: 42.485 ng/ul
 RT: 11.69 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BM019509.D
 Acq: 27 Mar 2019 17:41

Instrument :
 BNA_M
 ClientSampleID :
 DB6R7MS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	21.1	31.7
142	67.8	60.1	90.1

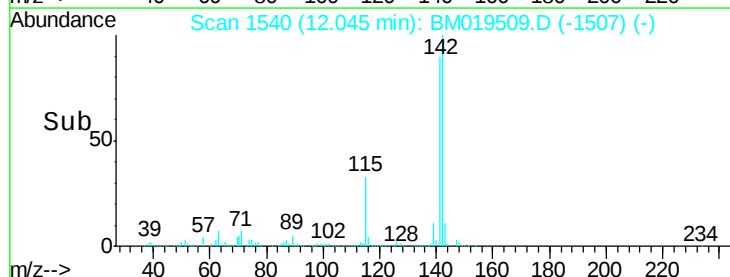
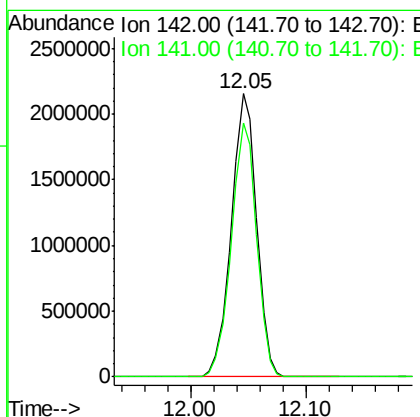
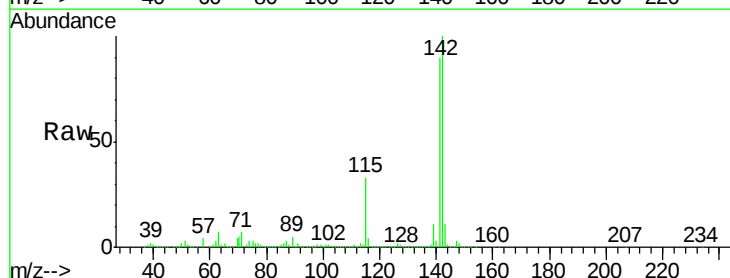
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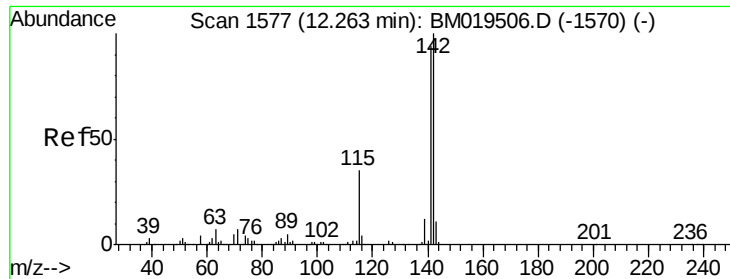
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#34
 2-Methylnaphthalene
 Concen: 198.310 ng/ul
 RT: 12.05 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BM019509.D
 Acq: 27 Mar 2019 17:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2





#35

1-Methylnaphthalene

Concen: 100.808 ng/ul

RT: 12.27 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM019509.D

Acq: 27 Mar 2019 17:41

Instrument :

BNA_M

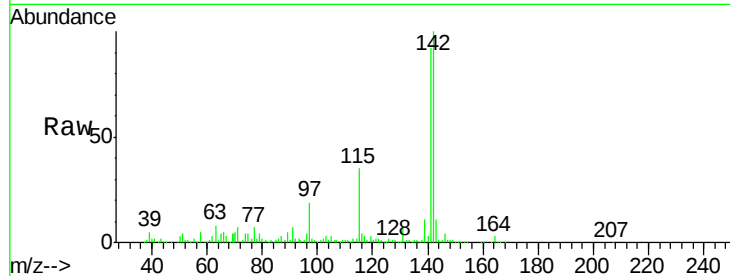
ClientSampled :

DB6R7MS

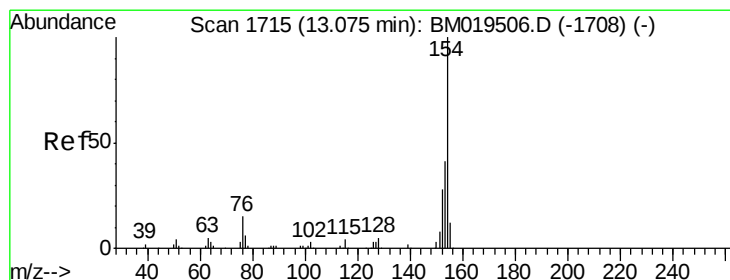
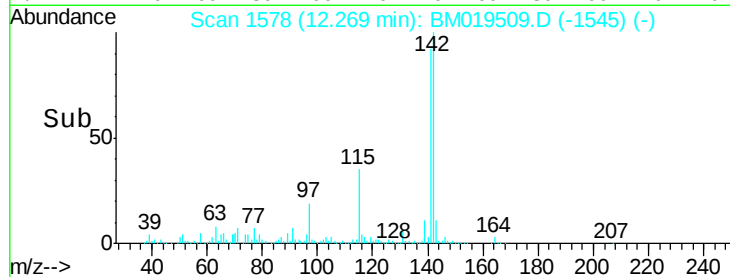
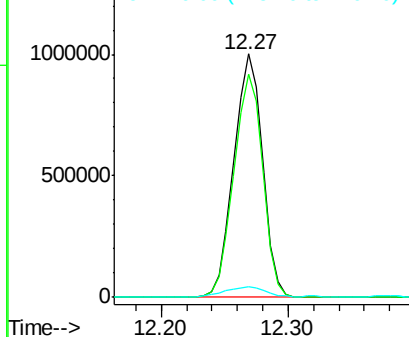
Tgt Ion:	142	Resp:	1564931
Ion Ratio	Lower	Upper	
142	100		
141	91.7	76.6	115.0
116	4.1	3.6	5.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 2.169 ng/ul

RT: 13.07 min Scan# 1715

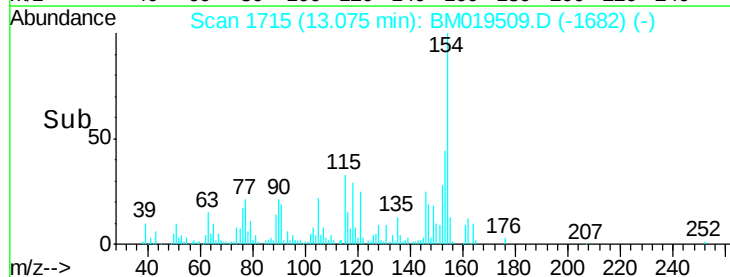
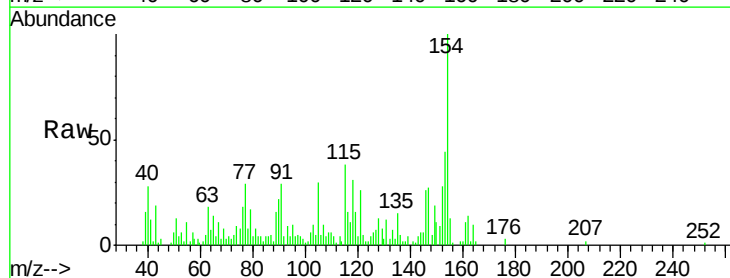
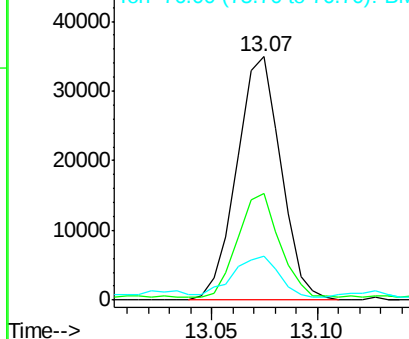
Delta R.T. -0.01 min

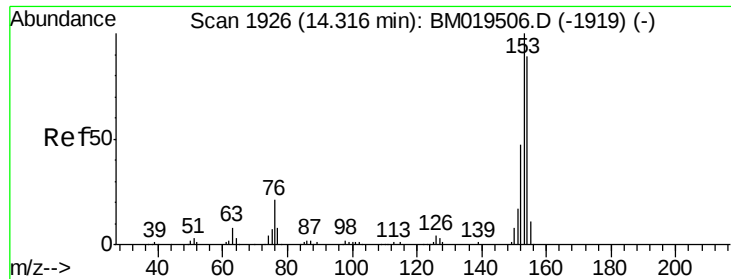
Lab File: BM019509.D

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Tgt Ion:	154	Resp:	50770
Ion Ratio	Lower	Upper	
154	100		
153	43.7	34.0	51.0
76	18.1	8.4	12.6#

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





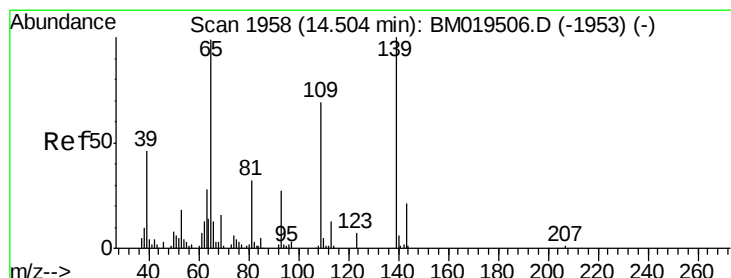
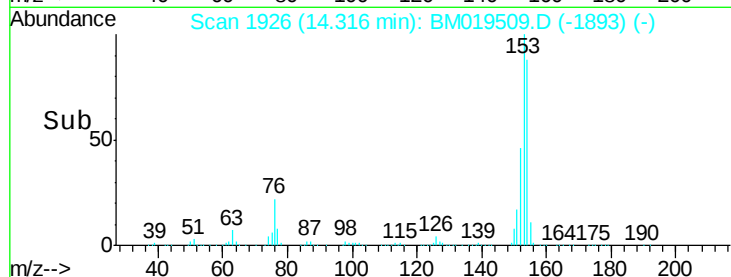
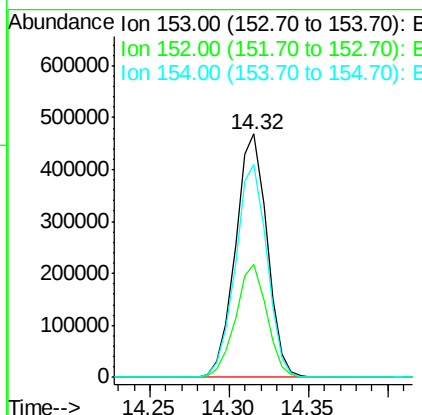
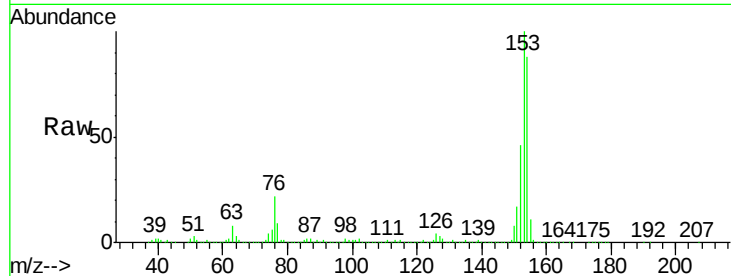
#50
Acenaphthene
Concen: 33.410 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Instrument :
BNA_M
ClientSampleId :
DB6R7MS

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.9	56.9
154	87.7	69.8	104.6

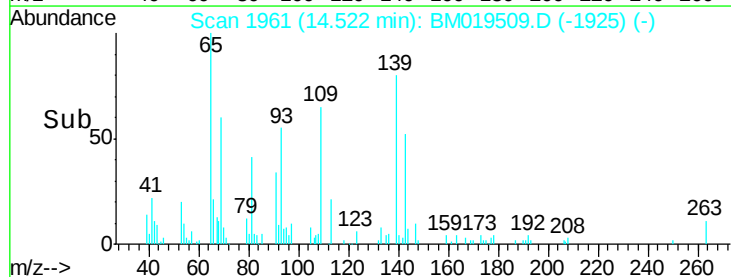
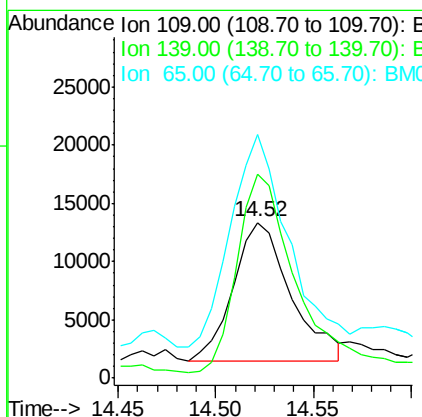
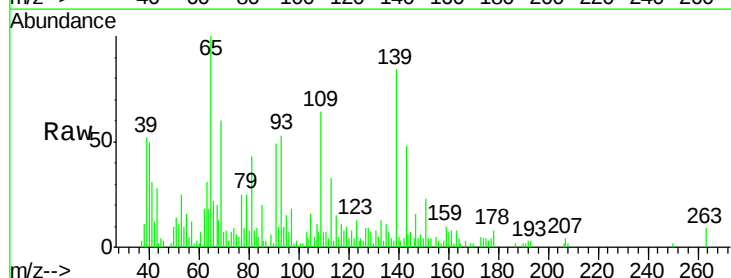
Manual Integrations
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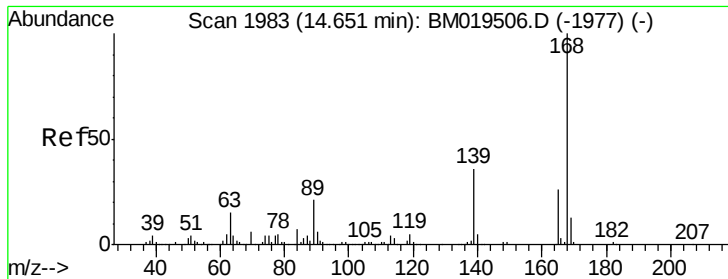
Sohil
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#53
4-Nitrophenol
Concen: 8.928 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Tgt Ion	Ratio	Lower	Upper
109	100		
139	130.7	91.2	136.8
65	156.2	92.6	139.0#





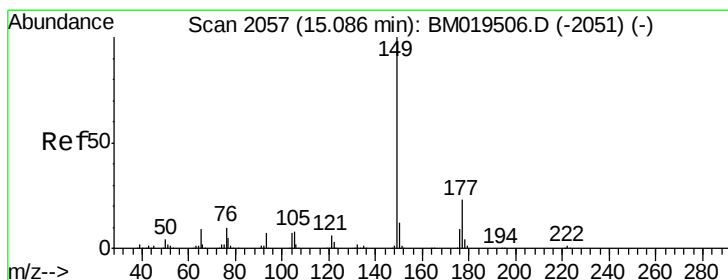
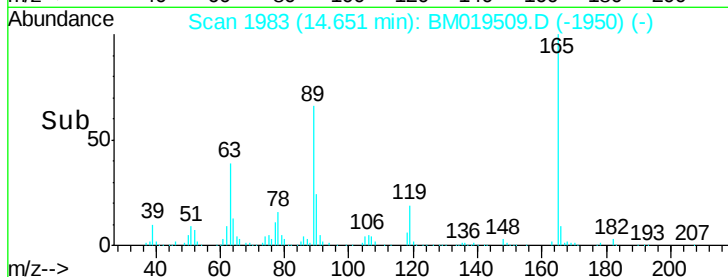
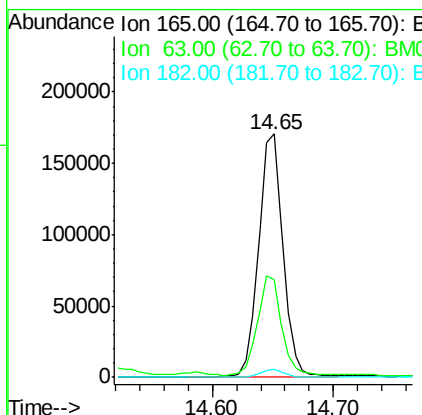
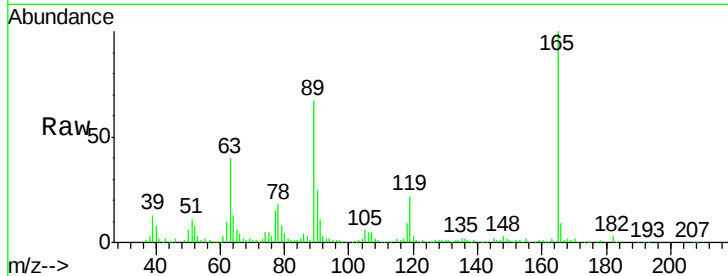
#55
2,4-Dinitrotoluene
Concen: 39.819 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Instrument :
BNA_M
ClientSampleId :
DB6R7MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	240820		
63	40.1	31.4	47.0	
182	3.1	2.7	4.1	

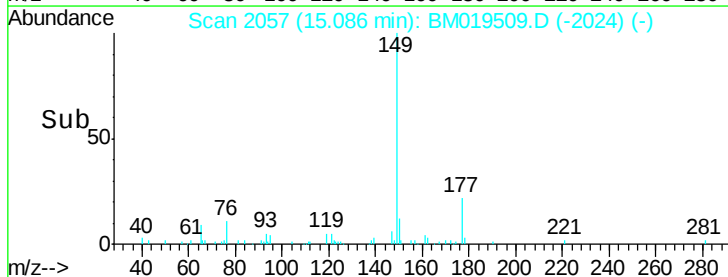
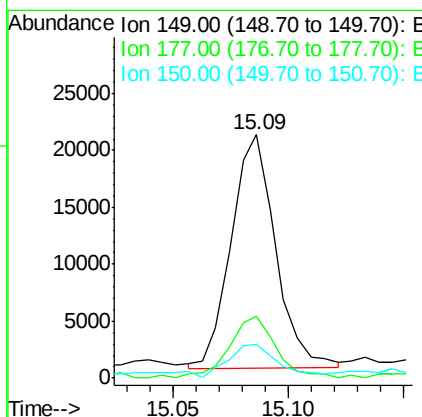
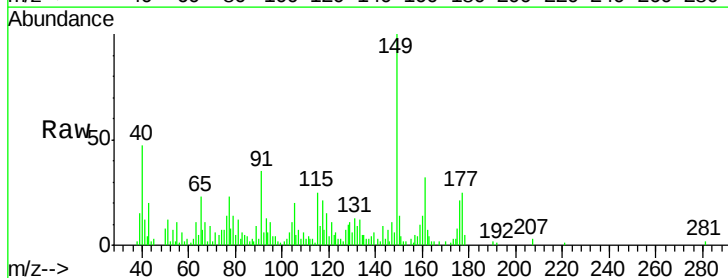
Manual Integrations
APPROVED

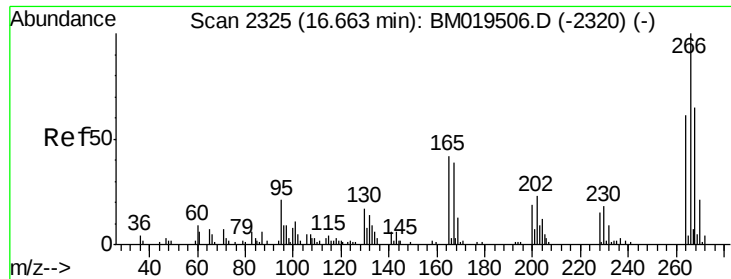
Sohil
3/28/2019 3:18:20 PM



#57
Diethylphthalate
Concen: 1.260 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM019509.D
Acq: 27 Mar 2019 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	27563		
177	25.5	19.3	28.9	
150	13.9	10.6	15.8	





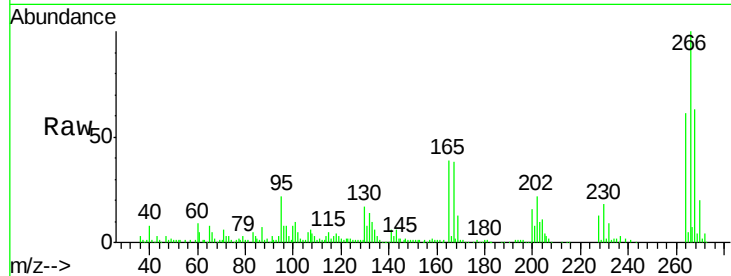
#69
 Pentachlorophenol
 Concen: 43.865 ng/ul
 RT: 16.66 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BM019509.D
 Acq: 27 Mar 2019 17:41

Instrument :
 BNA_M
 ClientSampleId :
 DB6R7MS

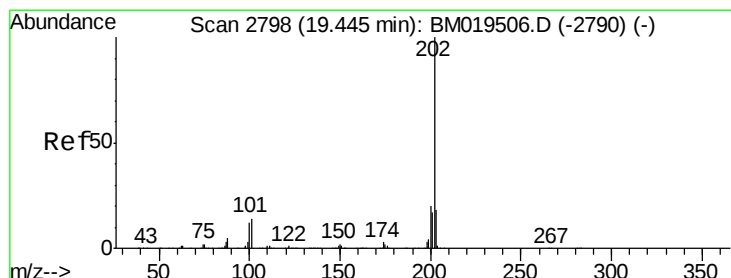
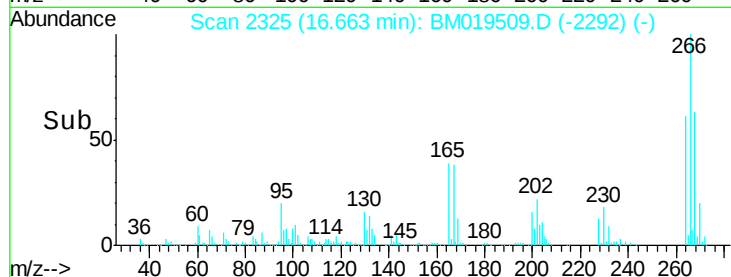
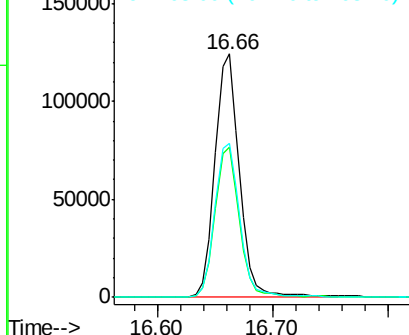
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	183375		
264	61.5	48.2	72.4	
268	63.2	52.3	78.5	

Manual Integrations
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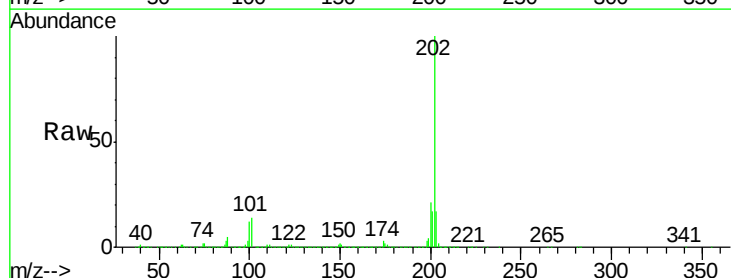


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 35.606 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. -0.01 min
 Lab File: BM019509.D
 Acq: 27 Mar 2019 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1541322		
101	14.1	6.9	10.3#	
100	12.0	5.6	8.4#	



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

