

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018719.D
 Acq On : 04 Feb 2019 15:23
 Operator : JU/SJ
 Sample : K1361-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:41:09 AM

Quant Time: Feb 04 18:01:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	224714	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	834469	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	420151	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	845398	20.00	ng	0.00
76) Chrysene-d12	21.32	240	823994	20.00	ng	0.00
87) Perylene-d12	23.57	264	893200	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1512079	124.25	ng	0.00
7) Phenol-d6	6.89	99	1898360	122.82	ng	0.00
23) Nitrobenzene-d5	8.89	82	1125288	78.17	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	593864	111.01	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	2475066	76.87	ng	0.00
79) Terphenyl-d14	19.75	244	3018617	77.23	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.26	88	213656	43.075	ng	98
3) Pyridine	3.66	79	252179	20.393	ng	98
4) n-Nitrosodimethylamine	3.57	42	301614	58.983	ng	# 93
6) Aniline	7.06	93	710946	41.233	ng	99
8) 2-Chlorophenol	7.29	128	736052	51.786	ng	95
9) Benzaldehyde	6.87	77	400435	47.590	ng	99
10) Phenol	6.92	94	945387	60.189	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	603512	48.900	ng	96
12) 1,3-Dichlorobenzene	7.60	146	816782	48.254	ng	99
13) 1,4-Dichlorobenzene	7.76	146	832749	48.540	ng	99
14) 1,2-Dichlorobenzene	8.07	146	792471	48.714	ng	99
15) Benzyl Alcohol	7.97	79	569018	50.969	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	795855	50.460	ng	96
17) 2-Methylphenol	8.16	107	553131	51.880	ng	100
18) Hexachloroethane	8.78	117	294840	48.200	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	462160	45.945	ng	94
20) 3+4-Methylphenols	8.49	107	740752	50.329	ng	99
22) Acetophenone	8.55	105	965643	46.779	ng	# 96
24) Nitrobenzene	8.93	77	709105	50.066	ng	98
25) Isophorone	9.45	82	1207497	55.396	ng	98
26) 2-Nitrophenol	9.63	139	370126	54.045	ng	96
27) 2,4-Dimethylphenol	9.69	122	605860	59.022	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	765170	50.815	ng	99
29) 2,4-Dichlorophenol	10.16	162	637168	52.128	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	735712	48.492	ng	100
31) Naphthalene	10.56	128	2143579	53.338	ng	99
32) Benzoic acid	9.80	122	189255m	30.176	ng	
33) 4-Chloroaniline	10.68	127	390982	24.703	ng	98
34) Hexachlorobutadiene	10.82	225	444966	46.424	ng	99
35) Caprolactam	11.49	113	144944m	34.878	ng	
36) 4-Chloro-3-methylphenol	11.80	107	620691	48.402	ng	98
37) 2-Methylnaphthalene	12.17	142	1503279	52.943	ng	99
38) 1-Methylnaphthalene	12.40	142	1408476	51.266	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	765866	52.126	ng	99

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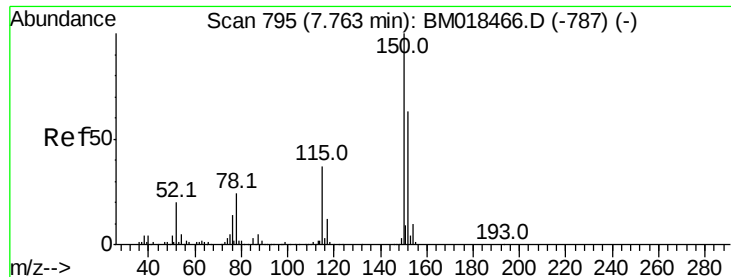
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	938424	116.377	nq	99
43) 2,4,6-Trichlorophenol	12.79	196	484055	54.253	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	506506	53.978	nq	97
46) 1,1'-Biphenyl	13.20	154	1833714	49.985	nq	99
47) 2-Chloronaphthalene	13.24	162	1429726	50.257	nq	100
48) 2-Nitroaniline	13.46	65	357894	51.136	nq	90
49) Acenaphthylene	14.09	152	2234615	53.901	nq	99
50) Dimethylphthalate	13.83	163	1907310	55.275	nq	100
51) 2,6-Dinitrotoluene	13.96	165	368050	50.355	nq	90
52) Acenaphthene	14.43	154	1281874	50.534	nq	98
53) 3-Nitroaniline	14.29	138	259876	35.267	nq	99
54) 2,4-Dinitrophenol	14.50	184	341948	85.842	nq	93
55) Dibenzofuran	14.77	168	2032777	48.501	nq	99
56) 4-Nitrophenol	14.60	139	612955	96.287	nq	97
57) 2,4-Dinitrotoluene	14.75	165	491867	47.562	nq	99
58) Fluorene	15.42	166	1594652	51.075	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.00	232	431475	51.877	nq	97
60) Diethylphthalate	15.20	149	1613971	46.333	nq	99
61) 4-Chlorophenyl-phenylether	15.42	204	804159	44.688	nq	98
62) 4-Nitroaniline	15.46	138	338693	42.139	nq	94
63) Azobenzene	15.71	77	1349400	47.513	nq	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	254365	47.294	nq	87
66) n-Nitrosodiphenylamine	15.63	169	1374200	52.403	nq	99
67) 4-Bromophenyl-phenylether	16.31	248	474842	50.192	nq	98
68) Hexachlorobenzene	16.42	284	528363	49.888	nq	98
69) Atrazine	16.59	200	453009	47.784	nq	98
70) Pentachlorophenol	16.77	266	611081	88.100	nq	99
71) Phenanthrene	17.16	178	2385626	53.053	nq	100
72) Anthracene	17.25	178	2416492	55.885	nq	100
73) Carbazole	17.53	167	2169433	48.834	nq	100
74) Di-n-butylphthalate	18.09	149	2546905	52.339	nq	99
75) Fluoranthene	19.18	202	2646555	51.049	nq	99
77) Benzidine	19.38	184	539964	26.540	nq	99
78) Pyrene	19.54	202	2735470	56.006	nq	100
80) Butylbenzylphthalate	20.45	149	1126193	54.036	nq	97
81) Benzo(a)anthracene	21.30	228	2620048	53.974	nq	99
82) 3,3'-Dichlorobenzidine	21.24	252	716152	39.014	nq	99
83) Chrysene	21.35	228	2490840	53.137	nq	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1570026	52.169	nq	100
85) Di-n-octyl phthalate	22.10	149	2704330	53.427	nq	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3457571	63.967	nq	98
88) Benzo(b)fluoranthene	22.89	252	2691319	53.074	nq	99
89) Benzo(k)fluoranthene	22.94	252	2634241	51.547	nq	99
90) Benzo(a)pyrene	23.48	252	2706110	55.743	nq	98
91) Dibenzo(a,h)anthracene	25.89	278	2911999	59.199	nq	99
92) Benzo(g,h,i)perylene	26.58	276	2925058	61.107	nq	98

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



#1

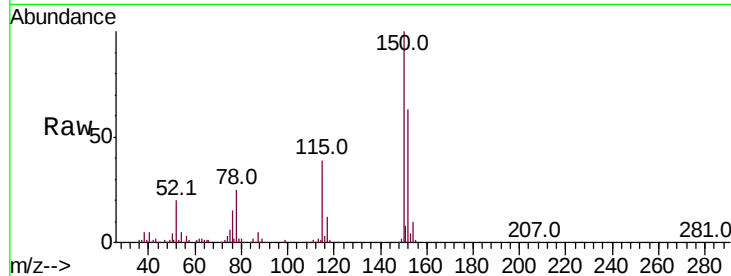
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
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ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.9	190.3
115	62.2	45.5	68.3

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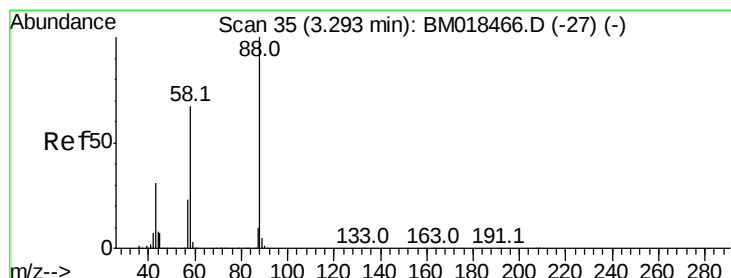
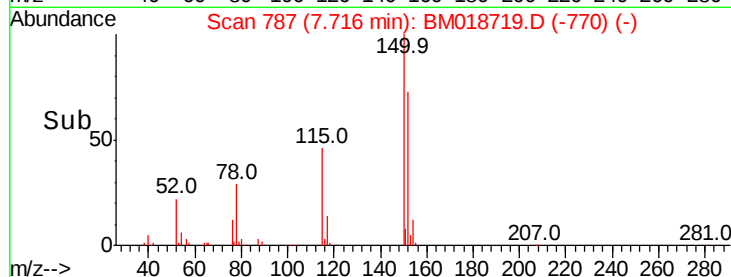
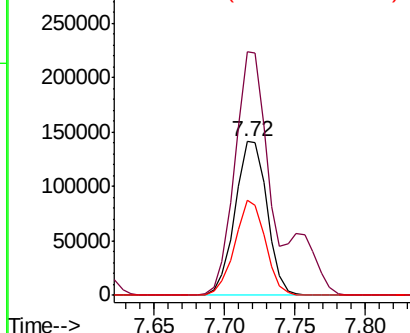


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

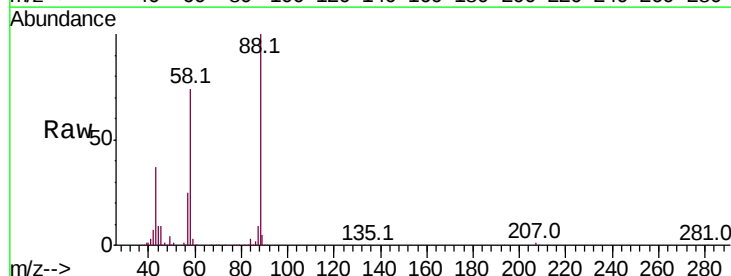
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.075 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	58.4	87.6
43	33.5	26.2	39.4

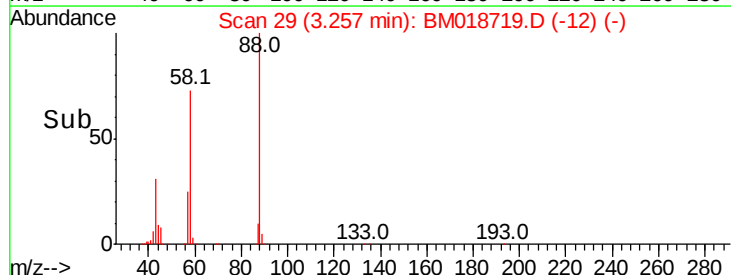
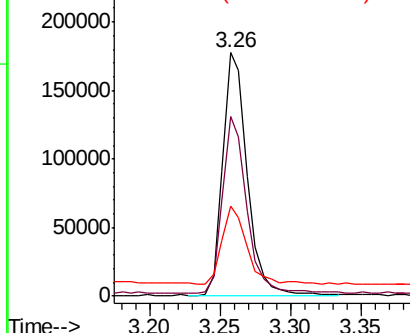


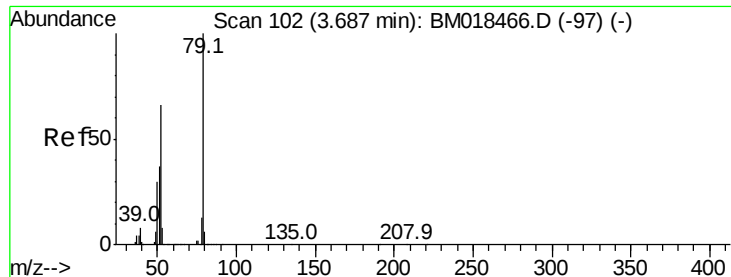
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 20.393 ng

RT: 3.66 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

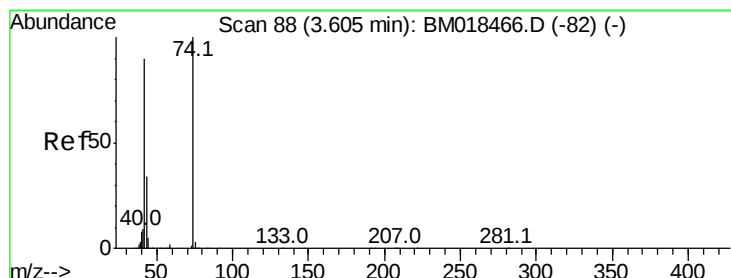
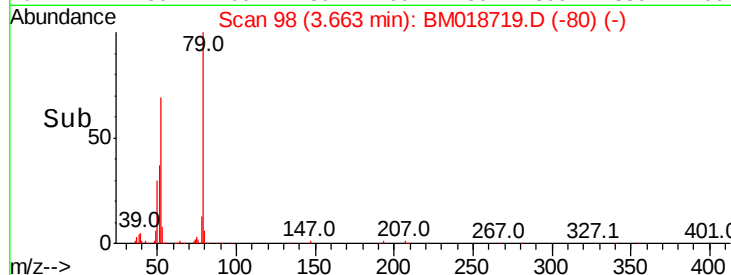
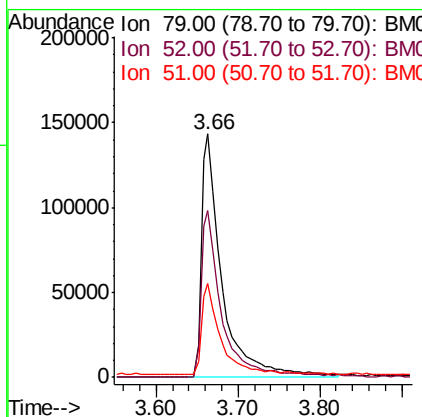
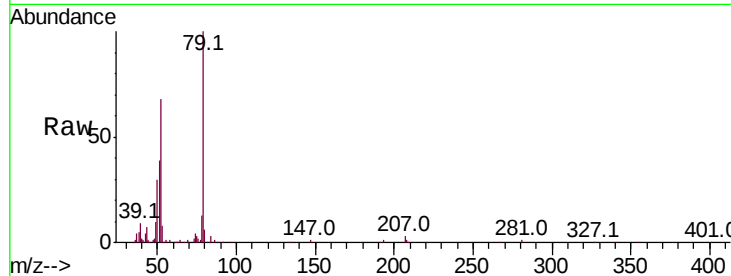
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	79	Resp:	252179
Ion Ratio	Lower	Upper	
79	100		
52	68.5	56.4	84.6
51	38.7	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 58.983 ng

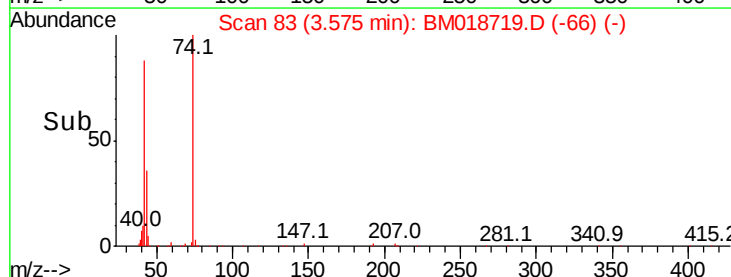
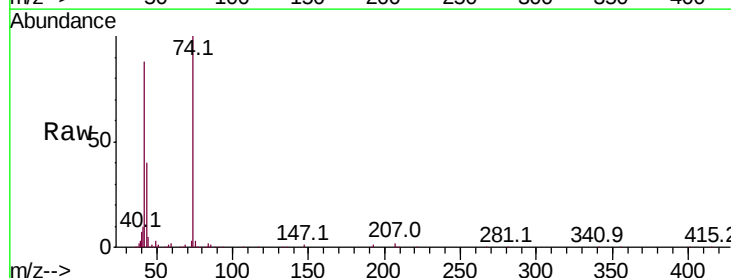
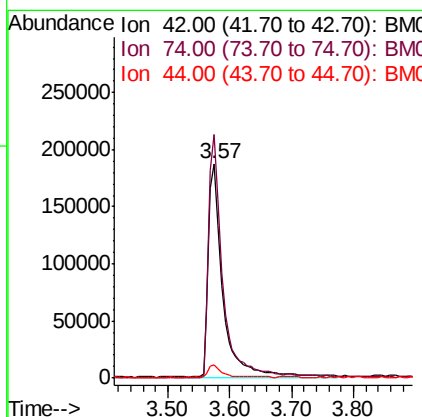
RT: 3.57 min Scan# 83

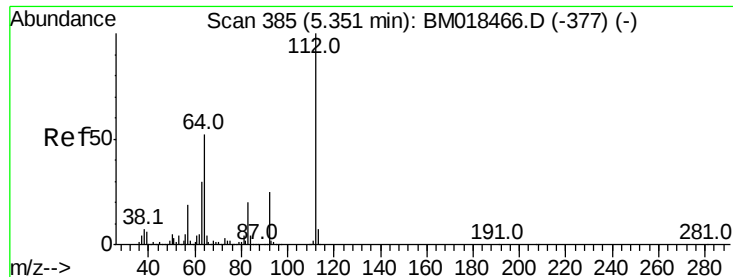
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	42	Resp:	301614
Ion Ratio	Lower	Upper	
42	100		
74	113.5	88.6	132.8
44	6.0	16.9	25.3#





#5

2-Fluorophenol

Concen: 124.249 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion: 112 Resp: 1512079

Ion Ratio Lower Upper

112 100

64 54.2 46.5 69.7

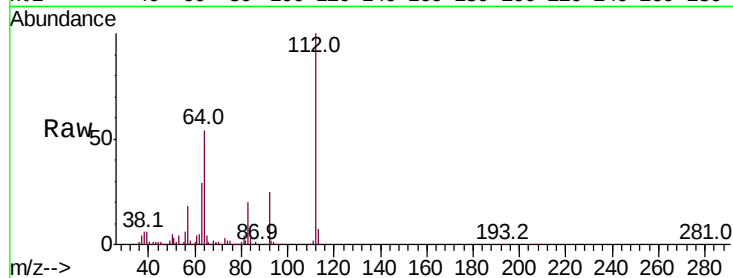
63 29.4 25.2 37.8

Manual Integrations

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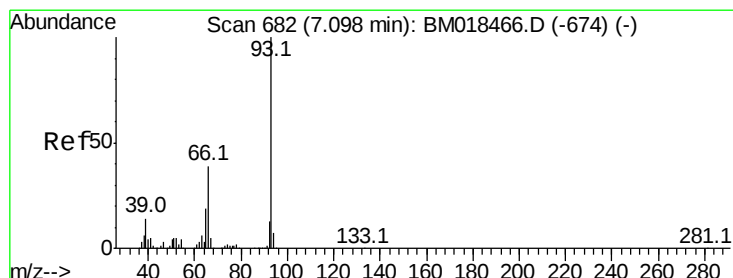
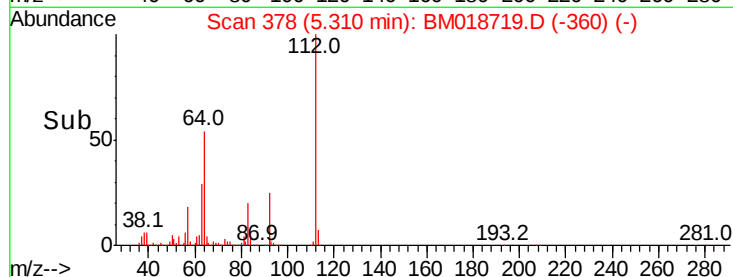
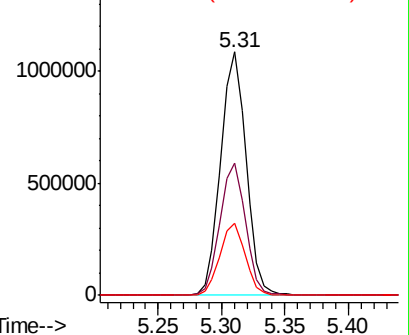
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.233 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

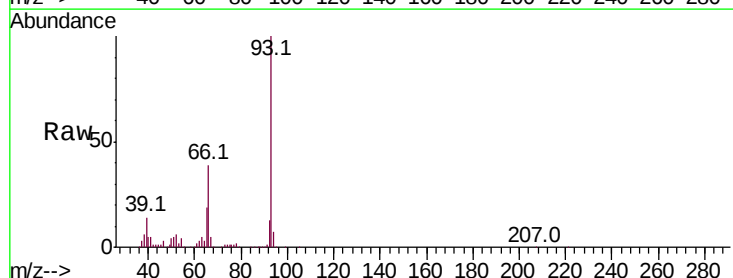
Tgt Ion: 93 Resp: 710946

Ion Ratio Lower Upper

93 100

66 38.8 31.7 47.5

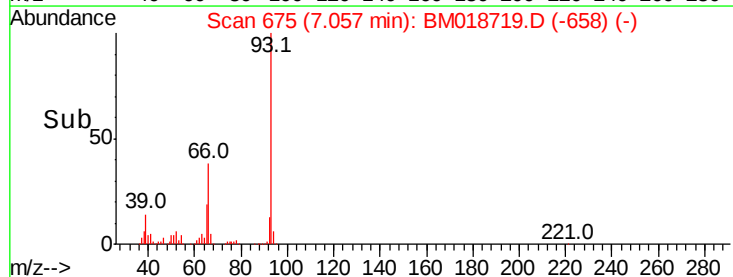
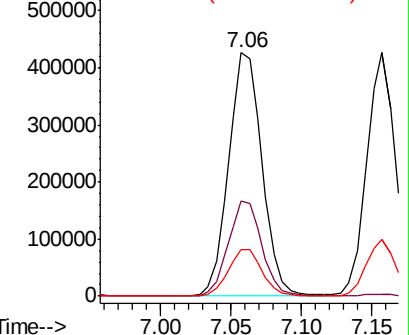
65 19.0 15.9 23.9

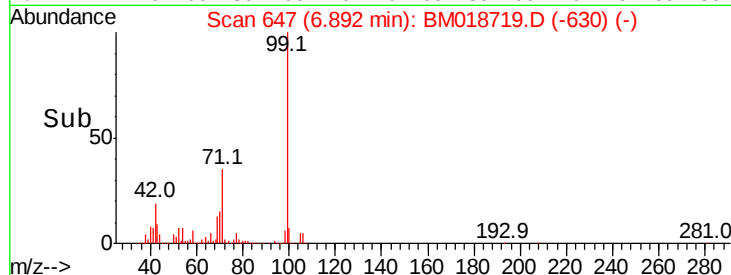
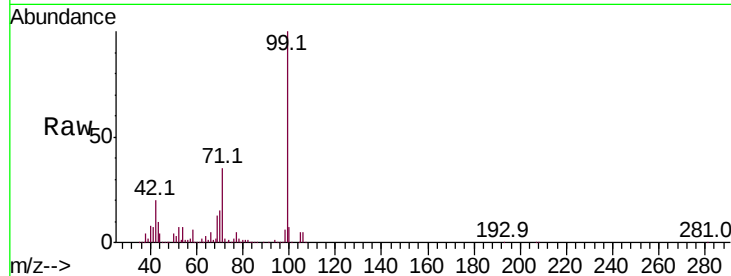
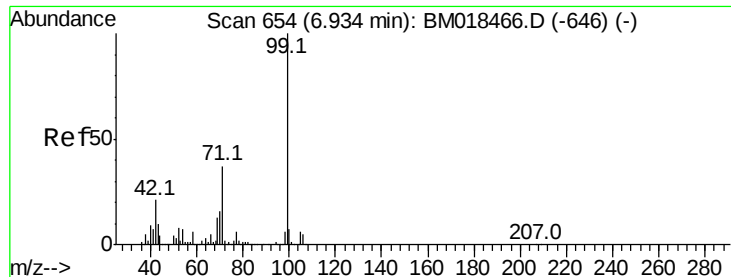


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 122.815 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tot Ion: 99 Resp: 1898360

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

71 34.7 28.0 42.0

Instrument :

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ClientSampleId :

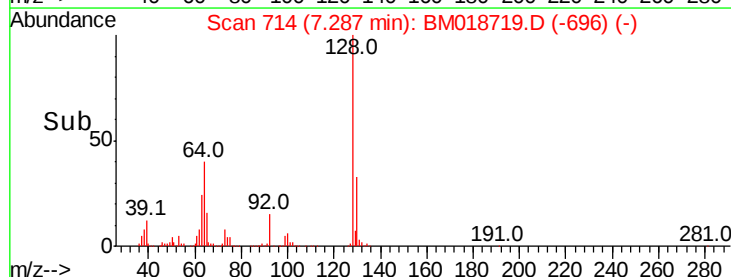
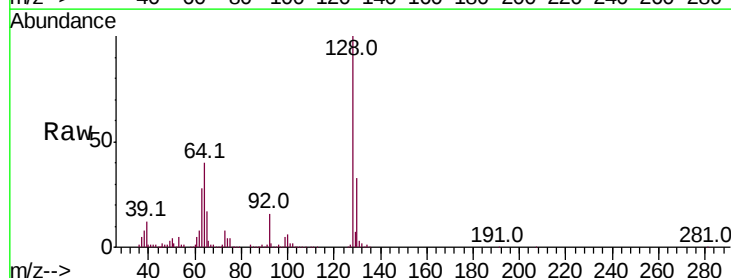
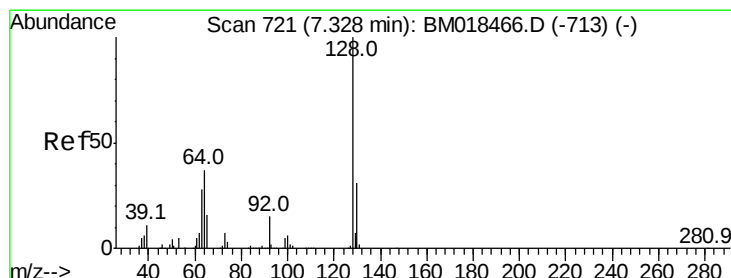
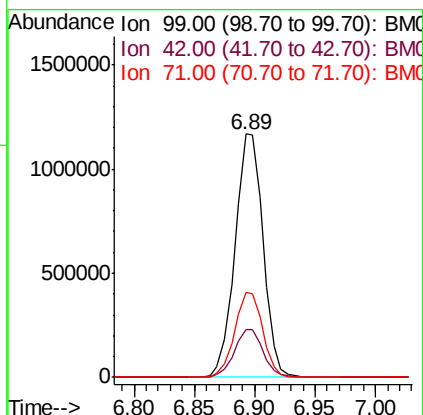
FK-BPM-03-006-ABCDMSD

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#8

2-Chlorophenol

Concen: 51.786 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

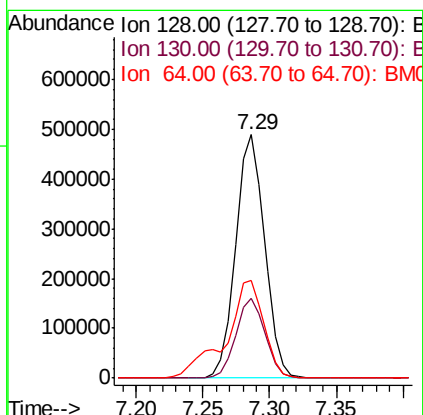
Tgt Ion: 128 Resp: 736052

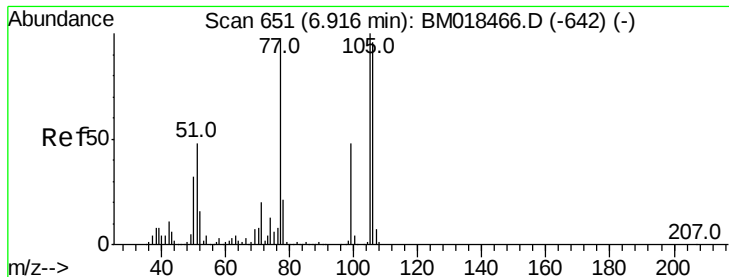
Ion Ratio Lower Upper

128 100

130 33.0 13.6 53.6

64 40.1 24.8 64.8





#9

Benzaldehyde

Concen: 47.590 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

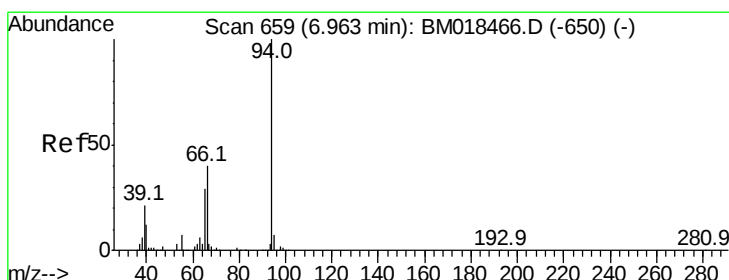
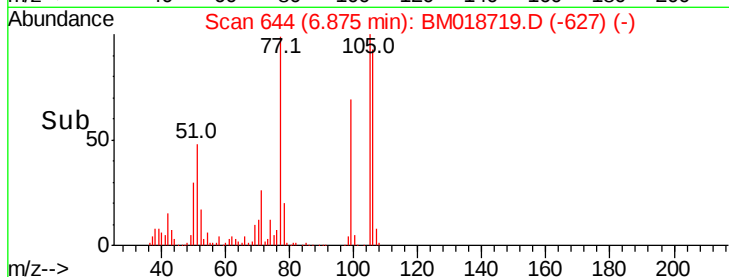
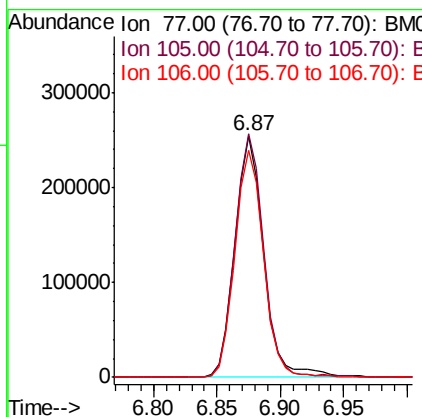
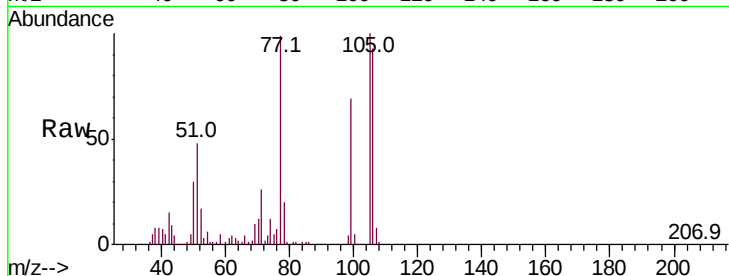
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion	77	Resp	400435
Ion	Ratio	Lower	Upper
77	100		
105	100.8	79.7	119.7
106	93.8	75.2	115.2

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#10

Phenol

Concen: 60.189 ng

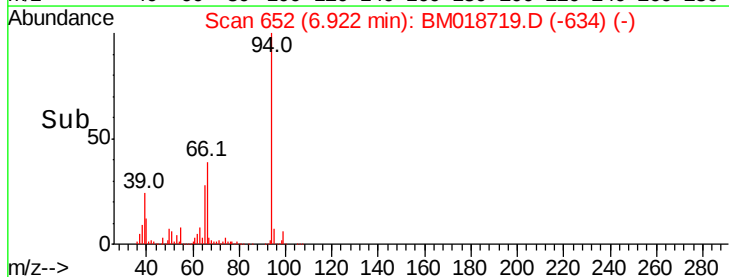
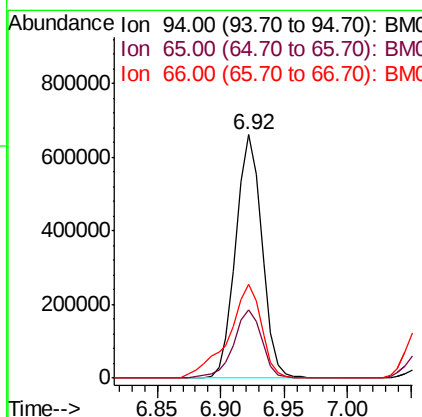
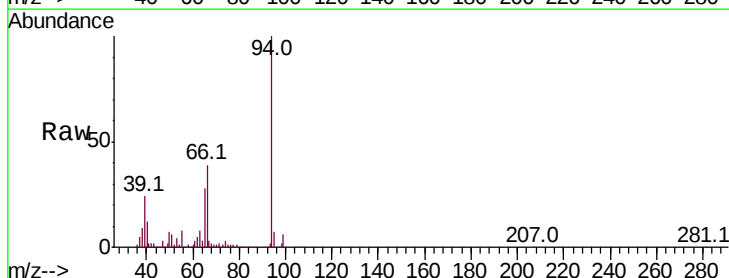
RT: 6.92 min Scan# 652

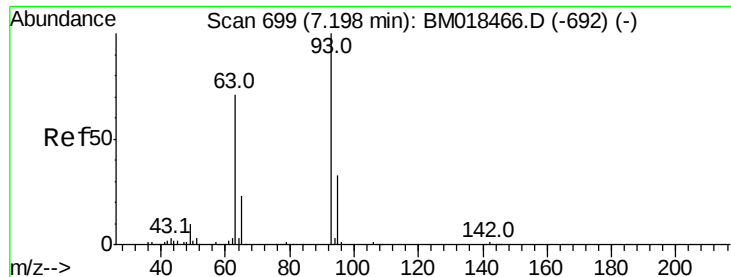
Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion	94	Resp	945387
Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.4	49.4
66	38.7	19.1	59.1





#11

bis(2-Chloroethyl)ether

Concen: 48.900 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

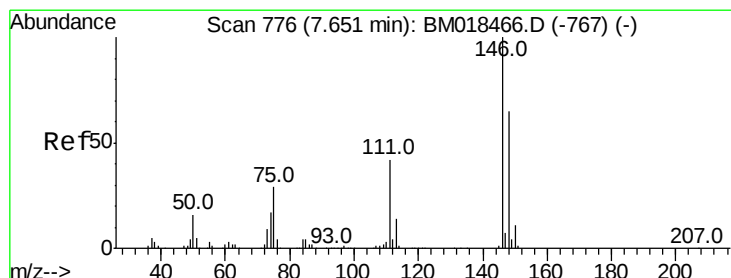
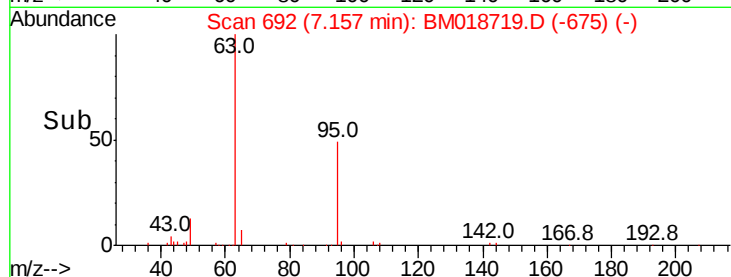
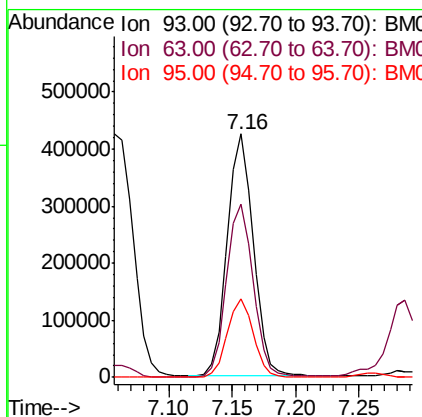
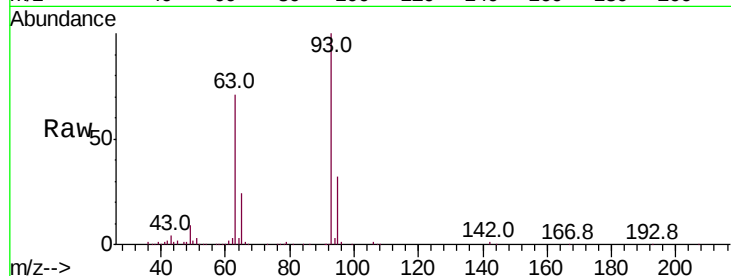
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	93	Resp:	603512
Ion Ratio	Lower	Upper	
93	100		
63	71.3	56.4	96.4
95	32.3	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 48.254 ng

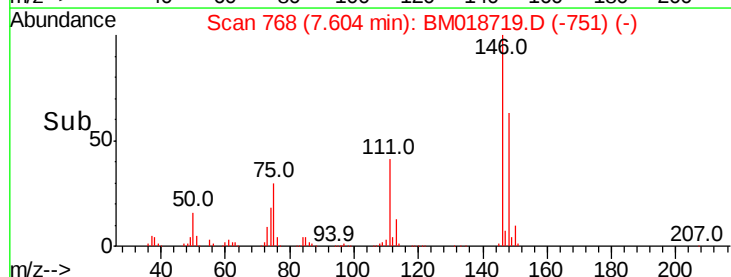
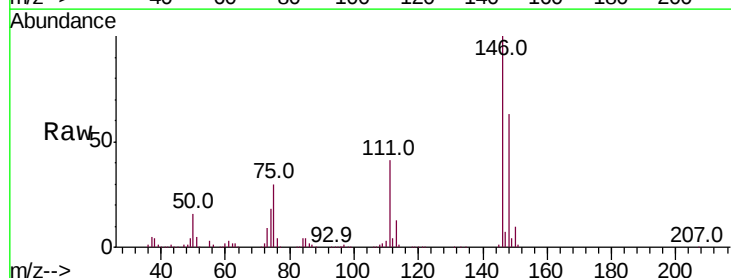
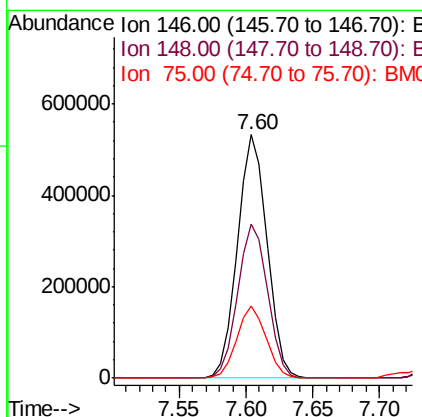
RT: 7.60 min Scan# 768

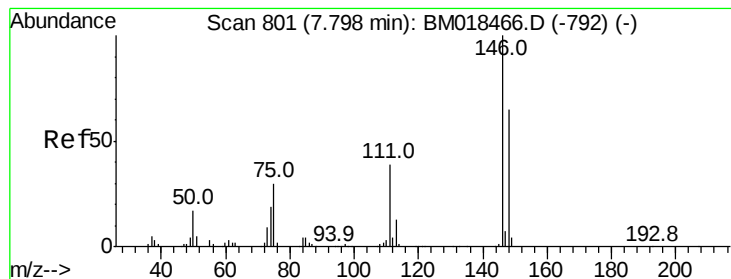
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	146	Resp:	816782
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.5	75.7
75	29.6	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 48.540 ng

RT: 7.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

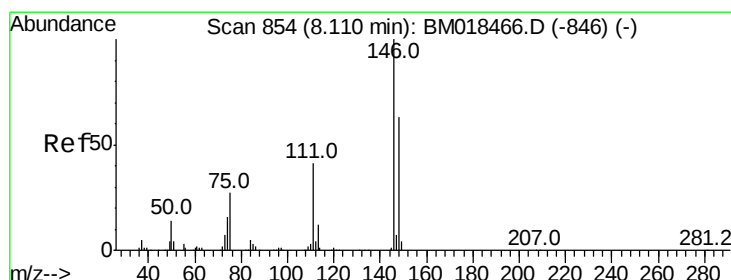
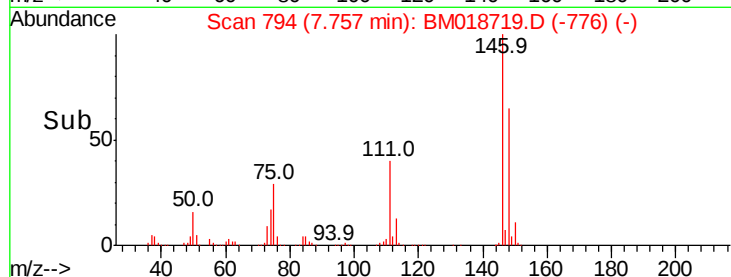
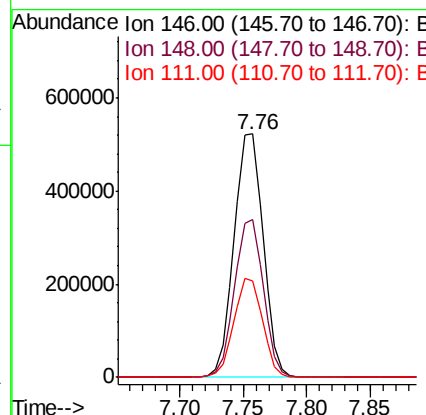
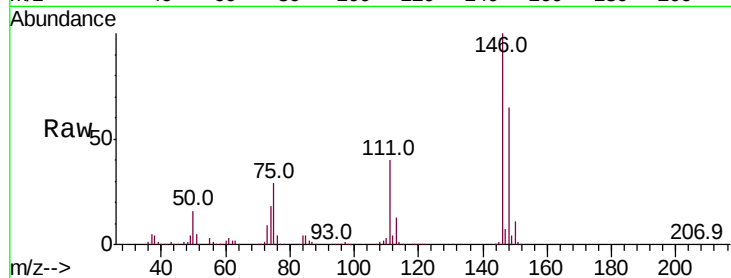
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	146	Resp:	832749
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	39.6	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 48.714 ng

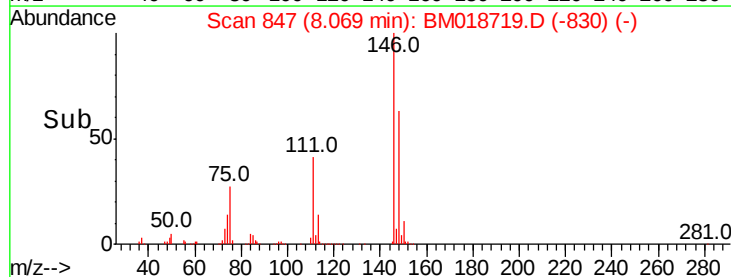
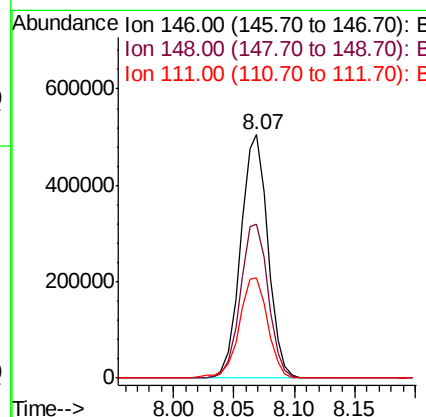
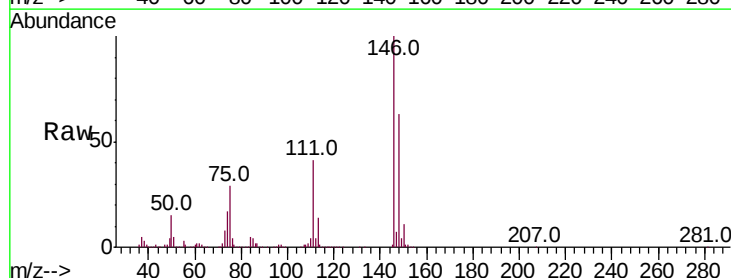
RT: 8.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	146	Resp:	792471
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.0	76.6
111	41.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 50.969 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

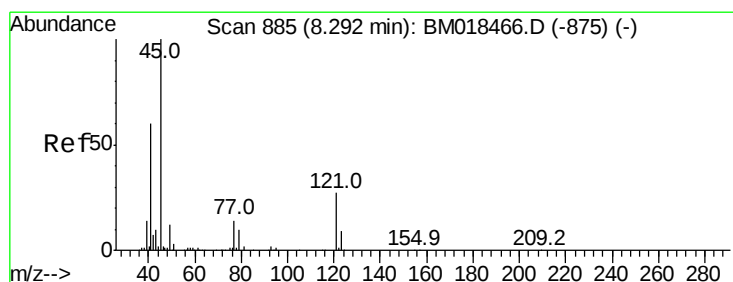
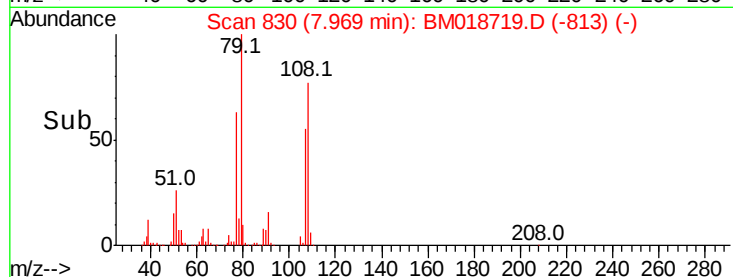
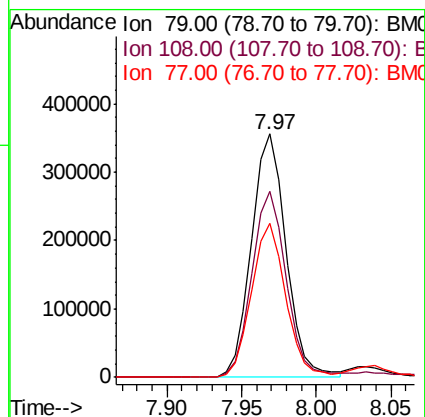
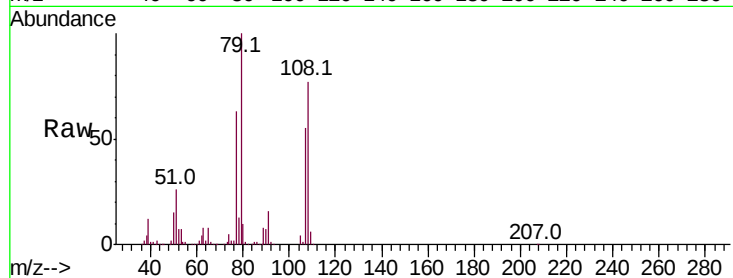
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	79	Resp:	569018
Ion Ratio	Lower	Upper	
79	100		
108	76.6	60.4	90.6
77	63.2	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.460 ng

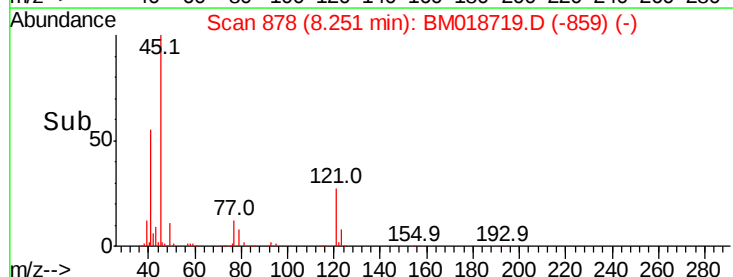
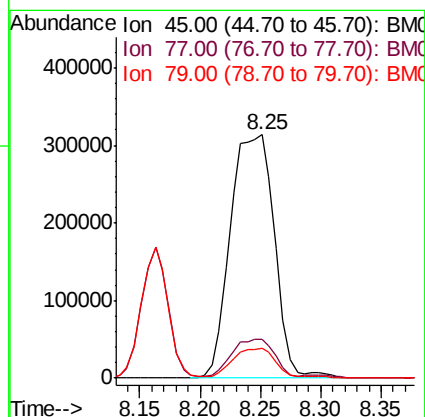
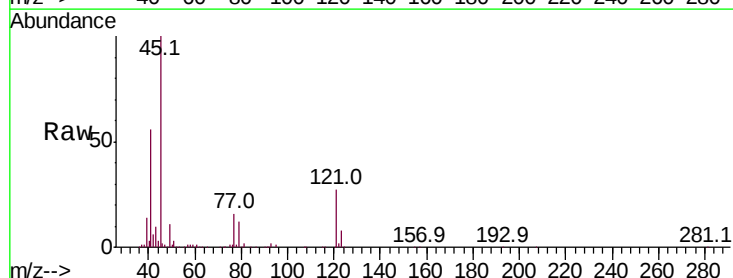
RT: 8.25 min Scan# 878

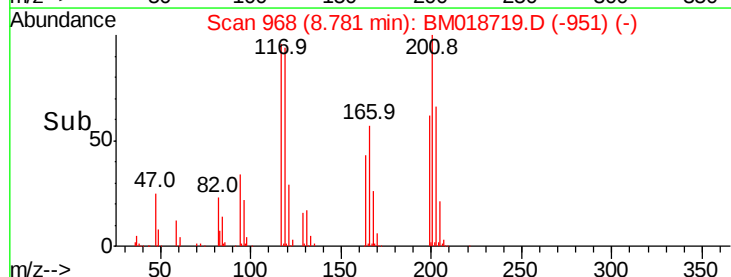
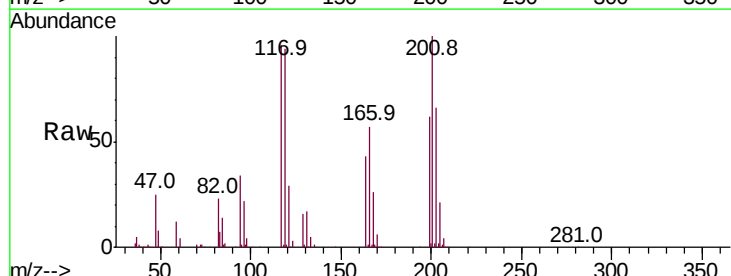
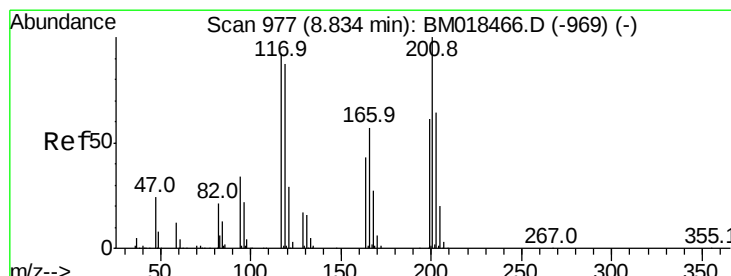
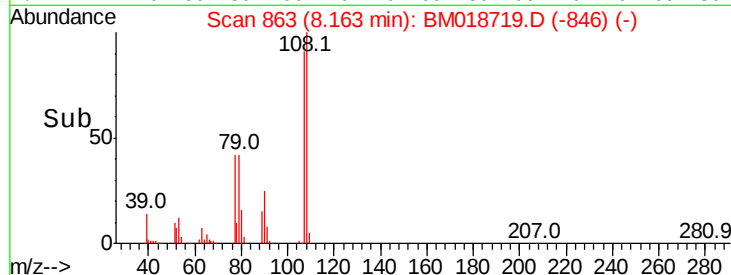
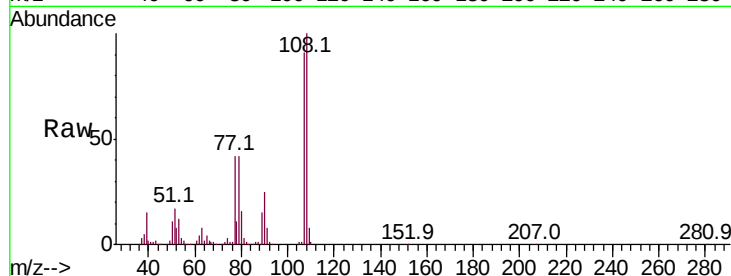
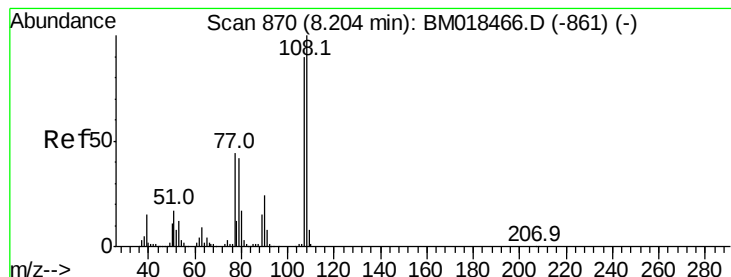
Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

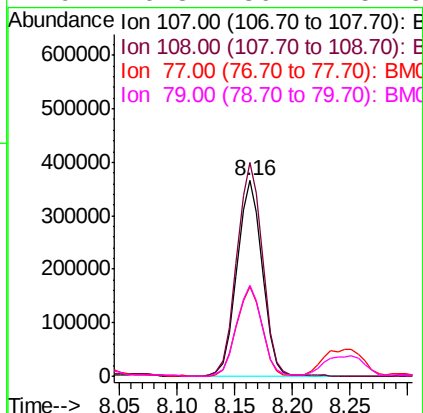
Tgt Ion:	45	Resp:	795855
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	33.4
79	12.0	0.0	31.1





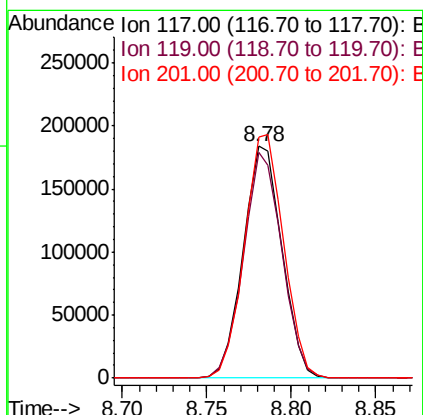
#17
2-Methylphenol
Concen: 51.880 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.5	131.3	
77	46.1	37.3	55.9	
79	46.3	36.4	54.6	



#18
Hexachloroethane
Concen: 48.200 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

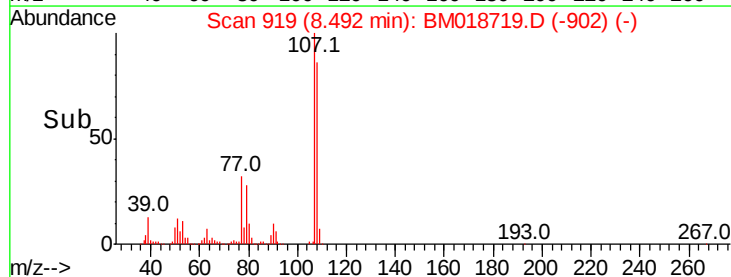
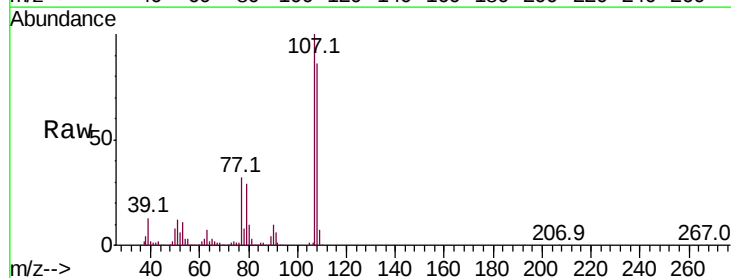
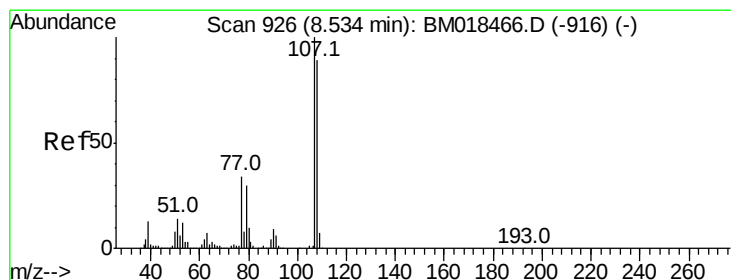
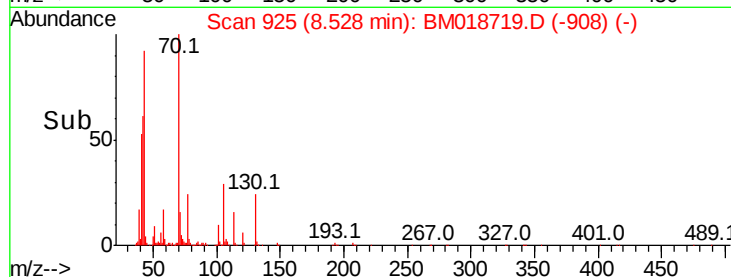
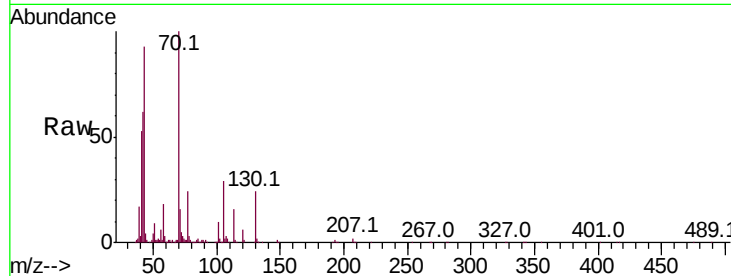
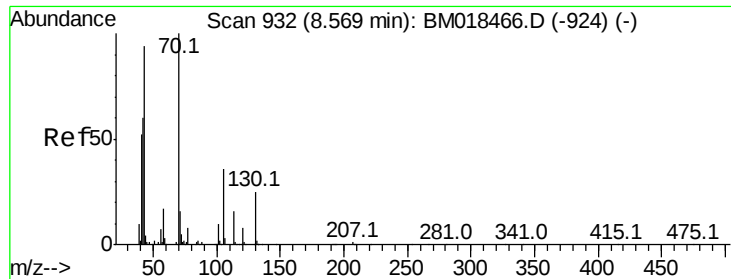
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	78.3	117.5	
201	103.8	81.4	122.0	



Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

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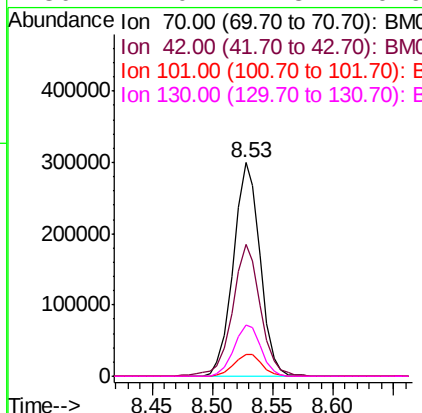
#19
n-Nitroso-di-n-propylamine
Concen: 45.945 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	54.0	81.0
101	10.0	8.1	12.1
130	24.0	17.8	26.6

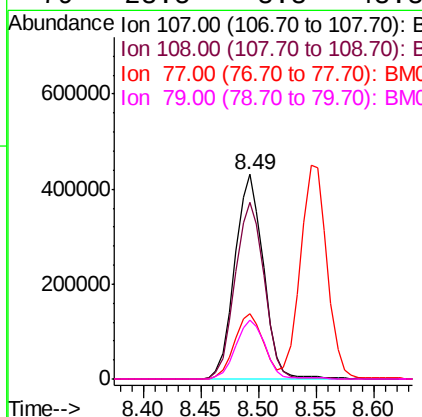
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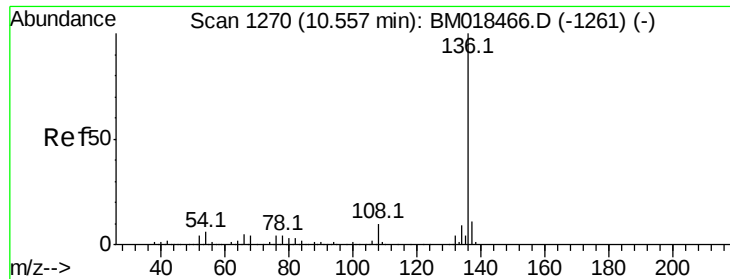
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#20
3+4-Methylphenols
Concen: 50.329 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	66.8	106.8
77	32.1	13.3	53.3
79	28.5	8.8	48.8





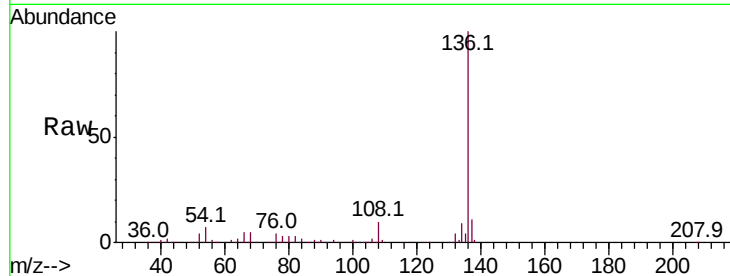
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	834469		
137	10.6		8.5	12.7
54	6.5		6.0	9.0
68	4.5		4.5	6.7

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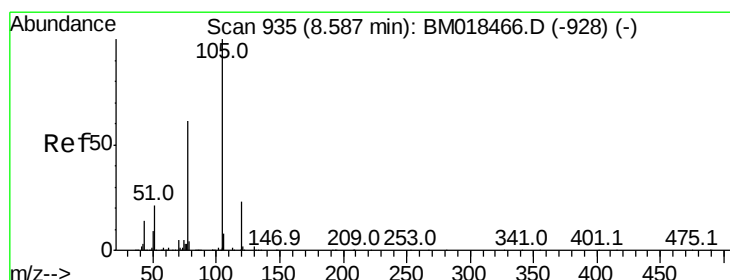
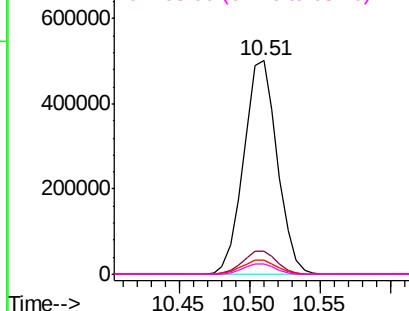
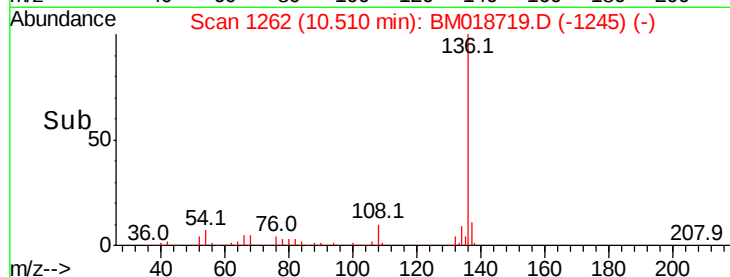
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

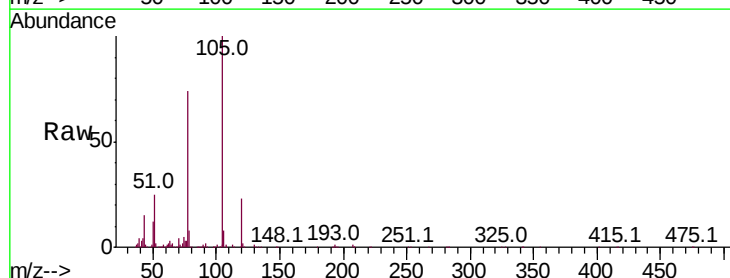
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 46.779 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	965643		
71	0.7		1.7	2.5#
51	25.1		22.6	34.0
120	23.2		18.3	27.5



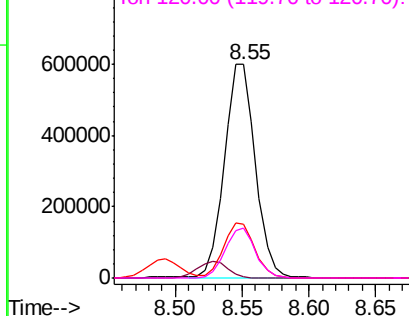
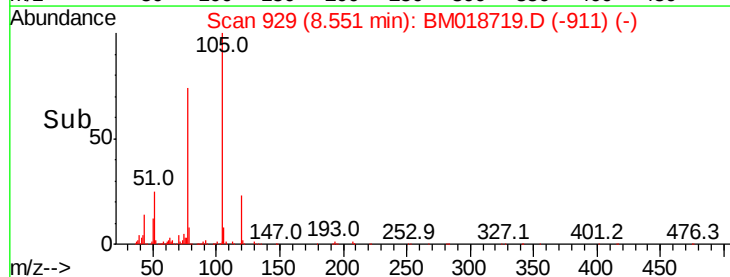
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





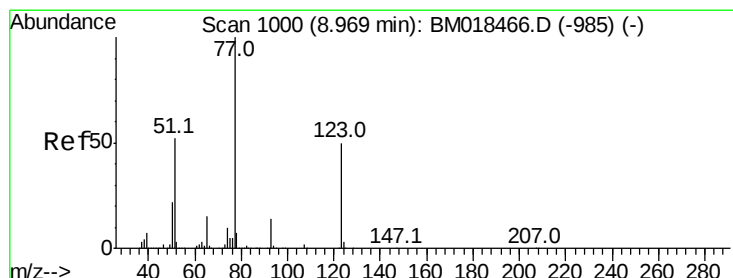
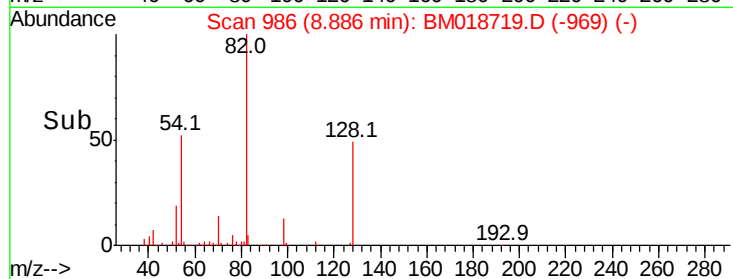
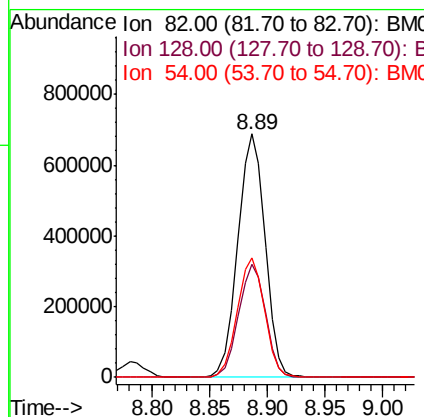
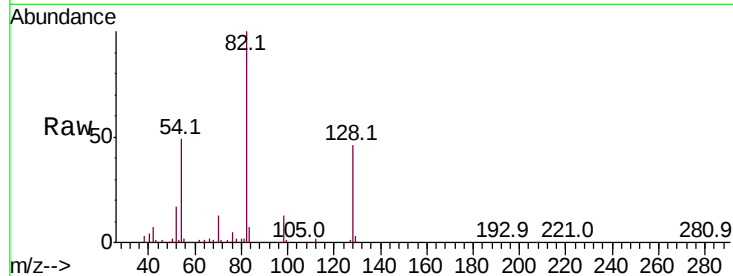
#23
Nitrobenzene-d5
Concen: 78.174 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	48.9	41.7	62.5

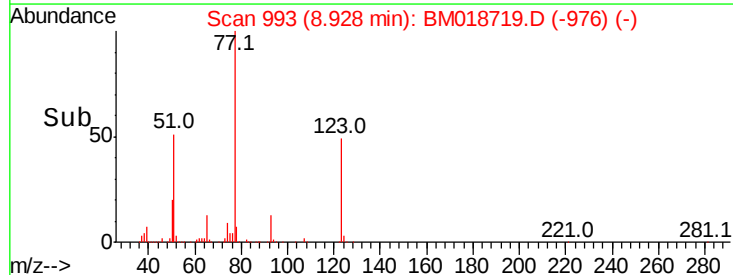
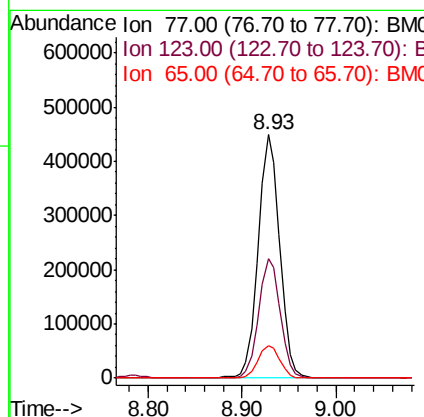
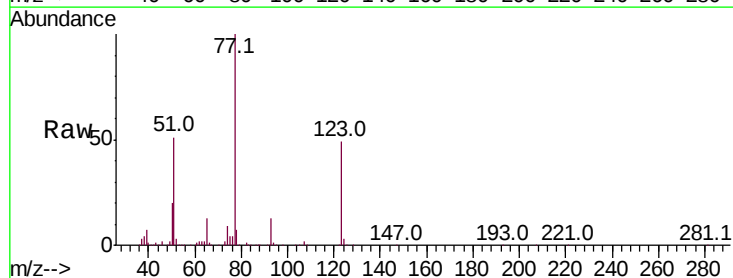
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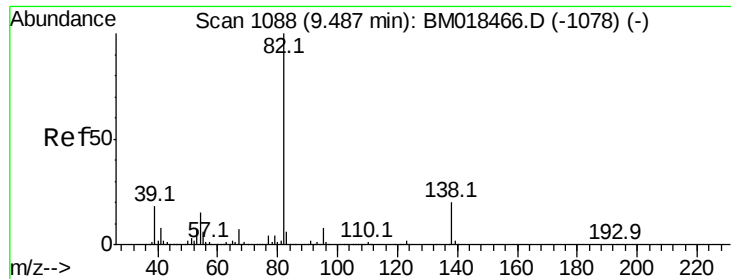
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#24
Nitrobenzene
Concen: 50.066 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.7	56.5
65	13.3	11.0	16.6





#25

Isophorone

Concen: 55.396 ng

RT: 9.45 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion: 82 Resp: 1207497

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

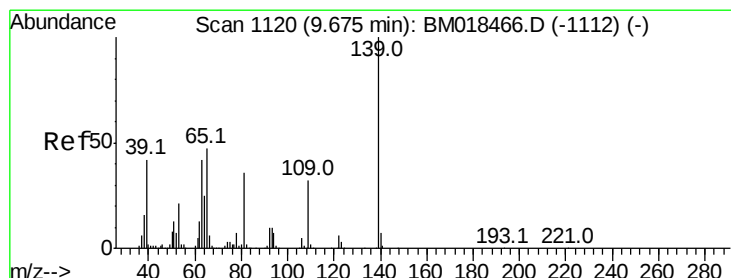
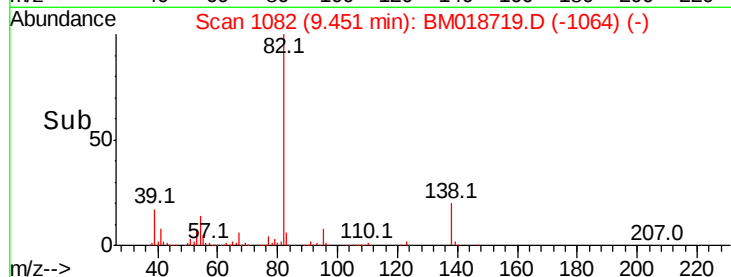
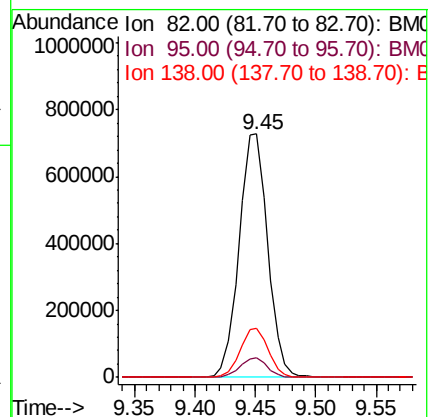
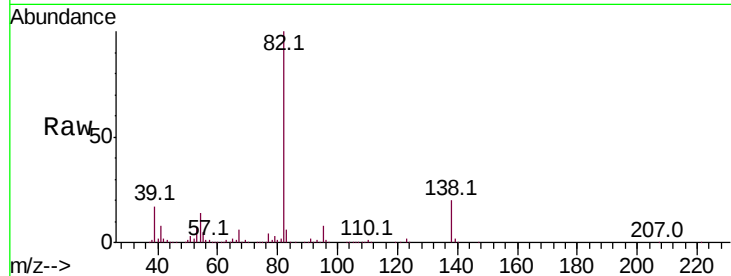
138 20.0 15.1 22.7

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#26

2-Nitrophenol

Concen: 54.045 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

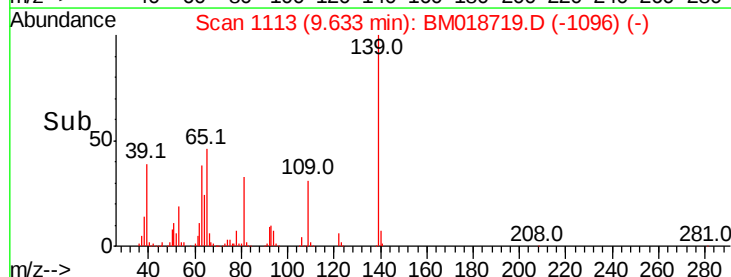
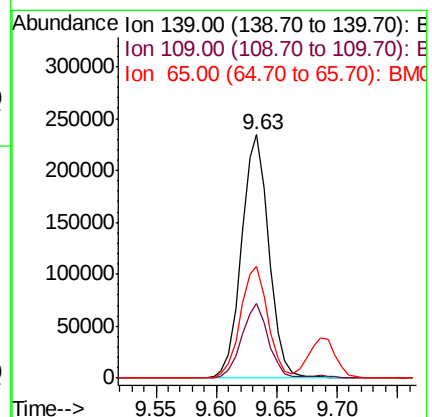
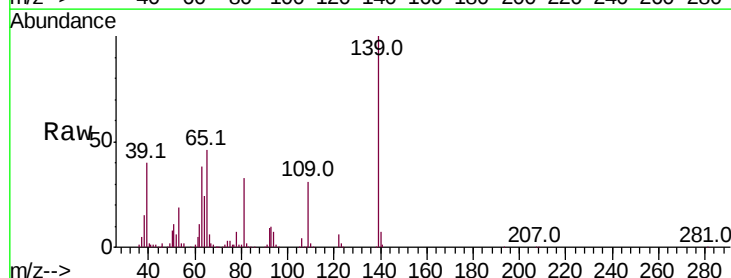
Tgt Ion: 139 Resp: 370126

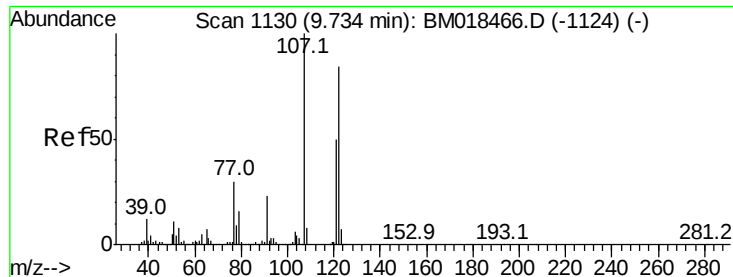
Ion Ratio Lower Upper

139 100

109 30.6 23.4 35.2

65 45.8 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 59.022 ng

RT: 9.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

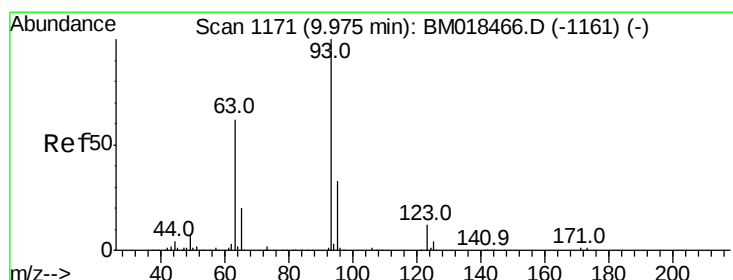
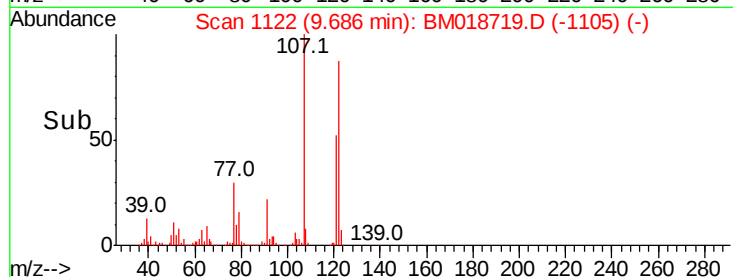
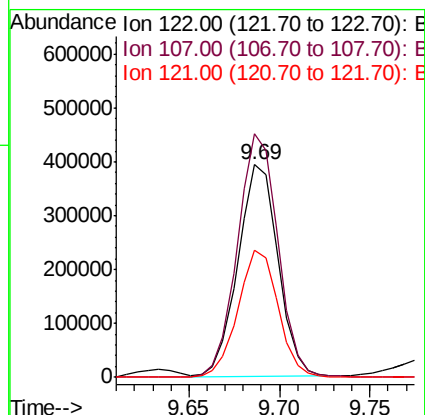
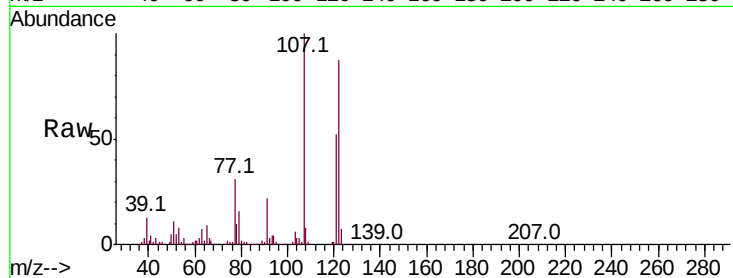
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	122	Resp:	605860
Ion Ratio	Lower	Upper	
122	100		
107	114.4	91.9	137.9
121	59.9	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 50.815 ng

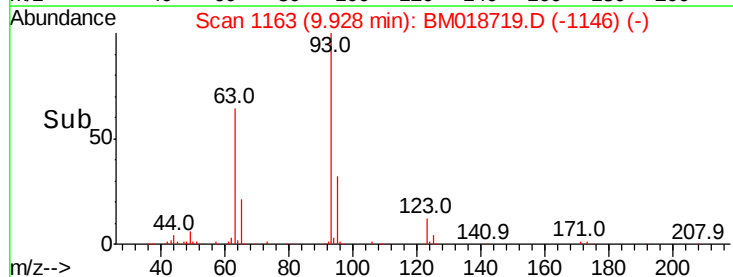
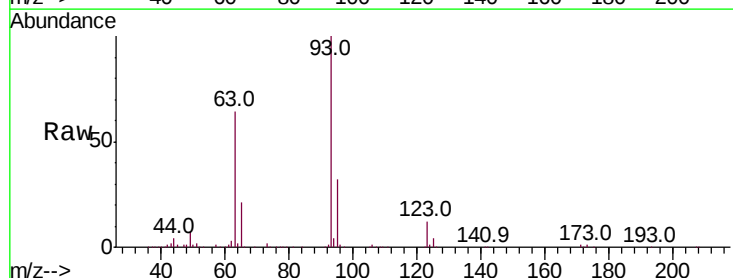
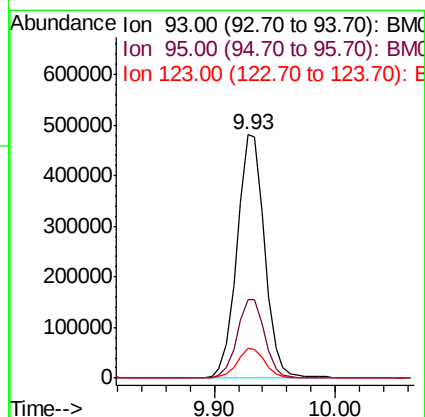
RT: 9.93 min Scan# 1163

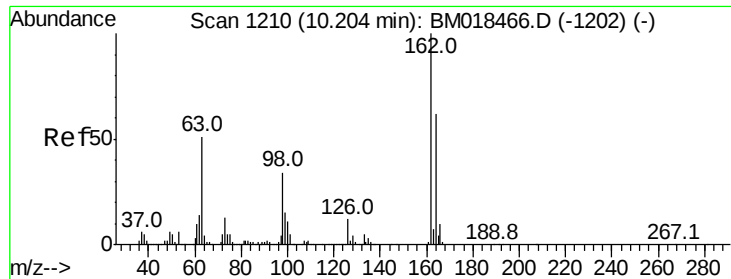
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	93	Resp:	765170
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.6	39.8
123	12.3	9.9	14.9





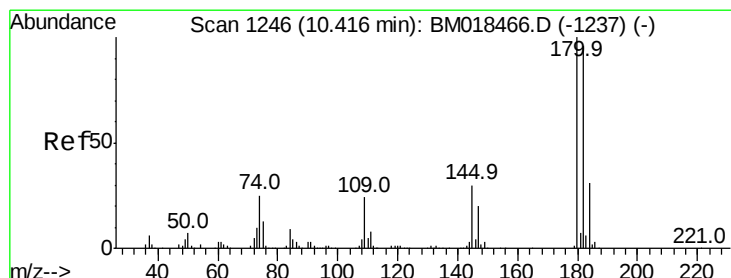
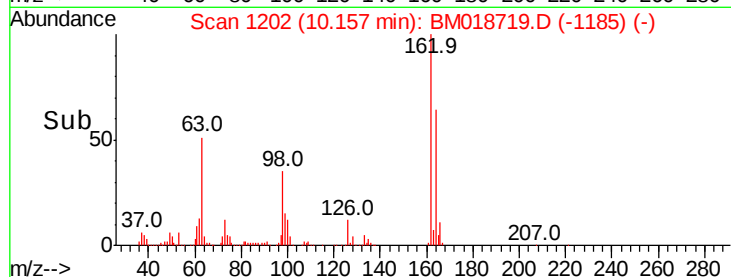
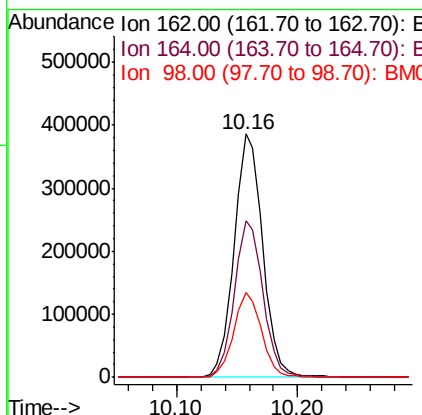
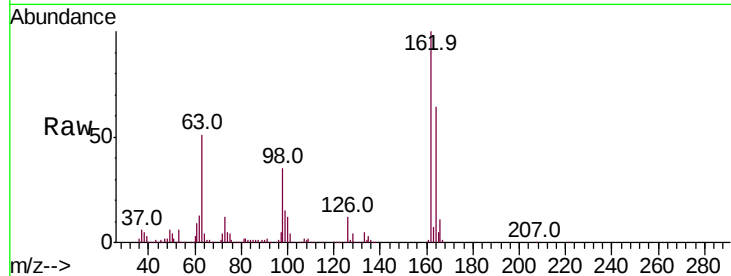
#29
2,4-Dichlorophenol
Concen: 52.128 ng
RT: 10.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	637168		
164	64.3	45.6	85.6	
98	34.6	14.7	54.7	

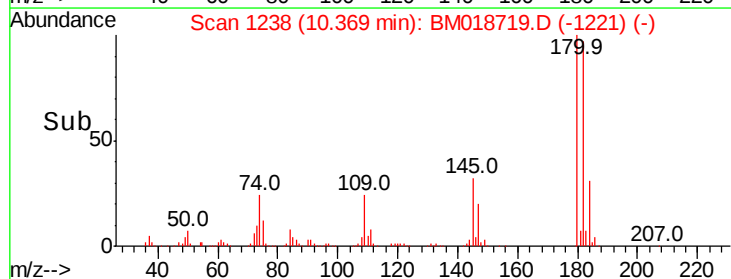
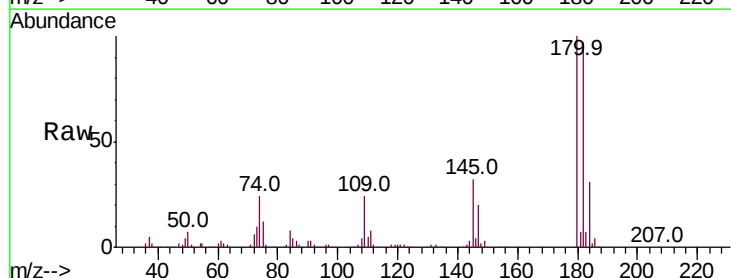
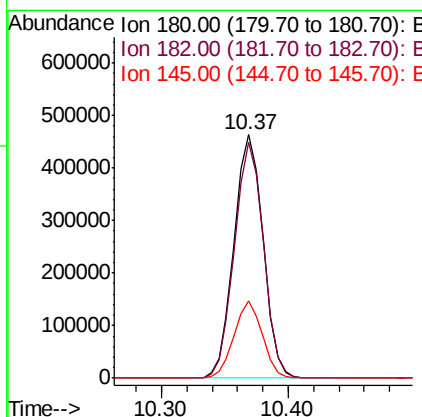
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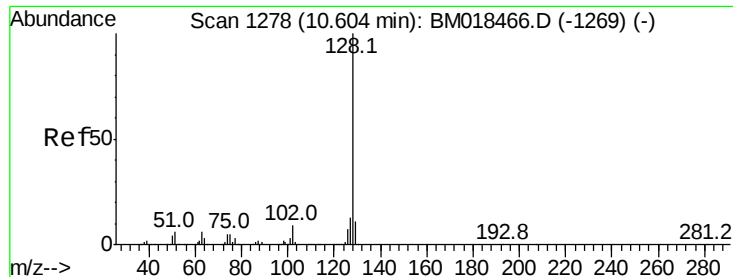
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#30
1,2,4-Trichlorobenzene
Concen: 48.492 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	735712		
182	96.8	77.4	116.2	
145	31.8	24.6	37.0	





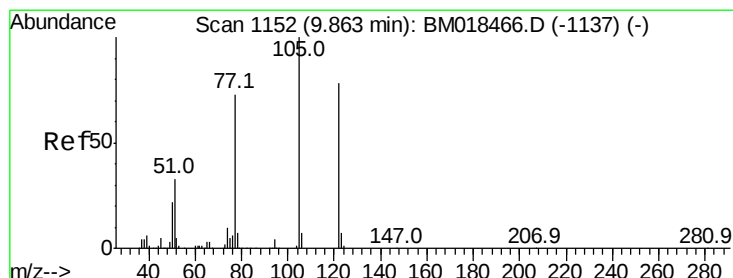
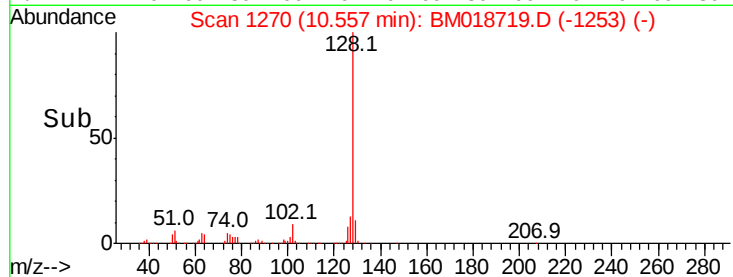
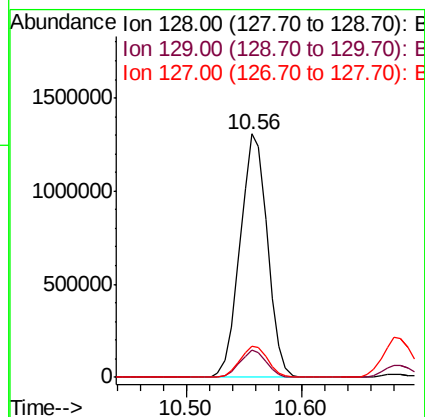
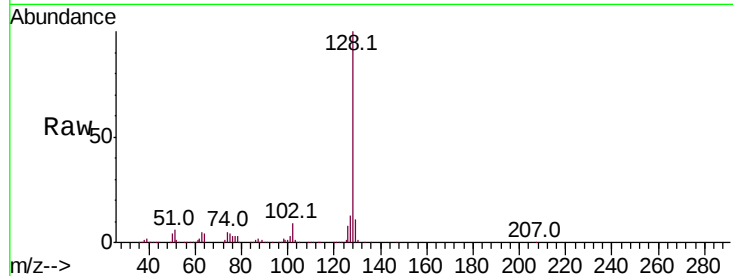
#31
Naphthalene
Concen: 53.338 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.8	10.8	16.2

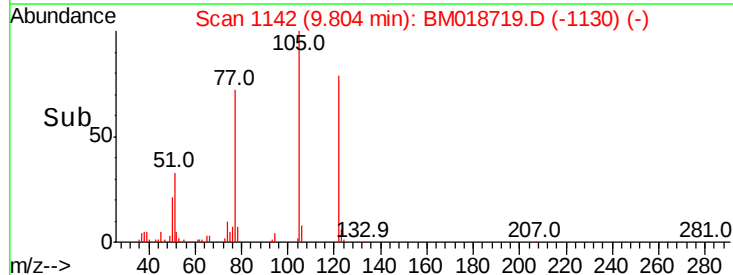
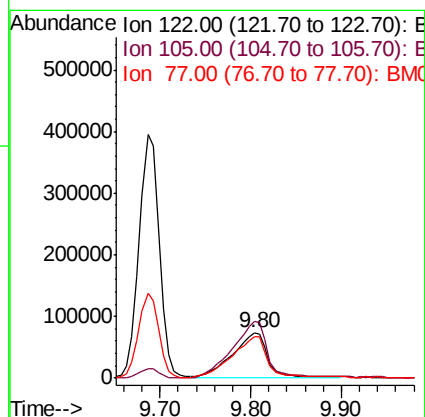
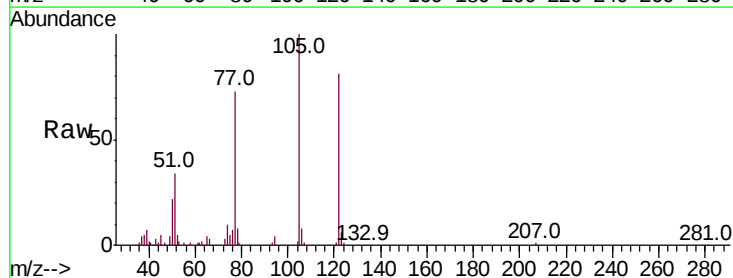
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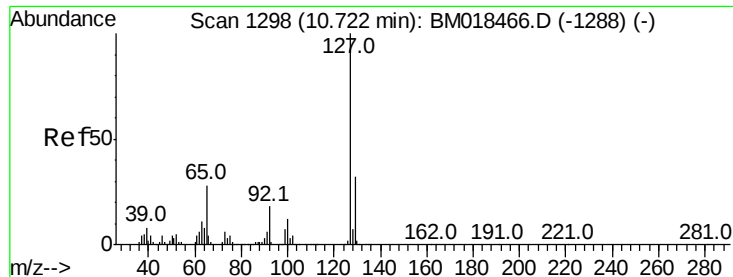
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#32
Benzoic acid
Concen: 30.176 ng m
RT: 9.80 min Scan# 1142
Delta R.T. -0.03 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	100.4	140.4
77	91.0	71.7	111.7





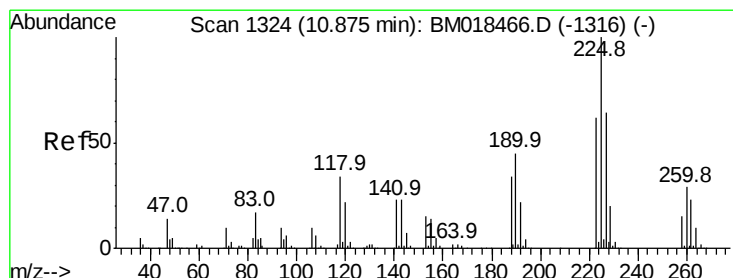
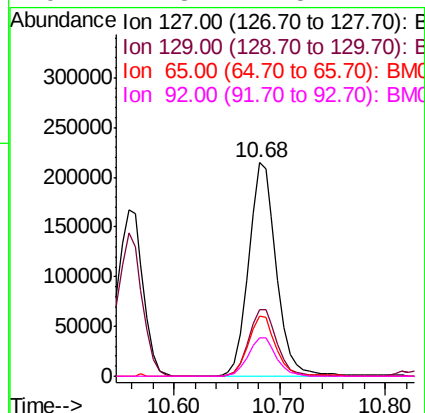
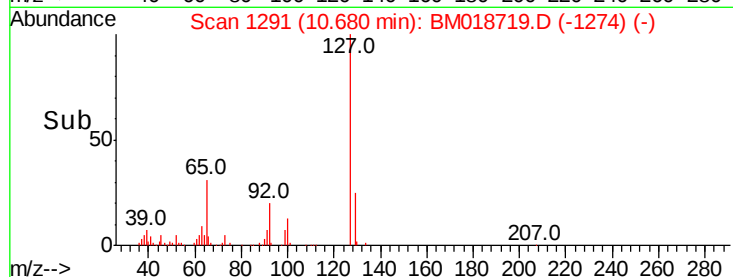
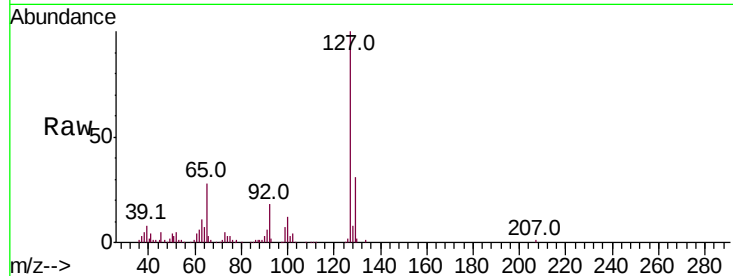
#33
4-Chloroaniline
Concen: 24.703 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9	25.9	38.9		
65	28.0	23.4	35.2		
92	17.8	14.5	21.7		

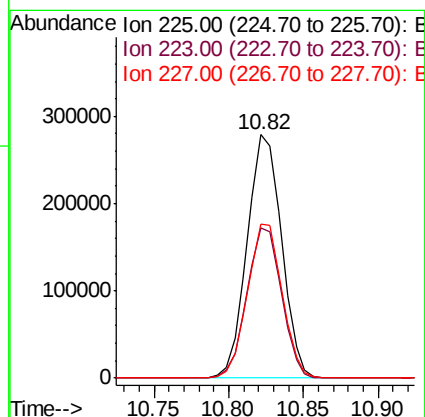
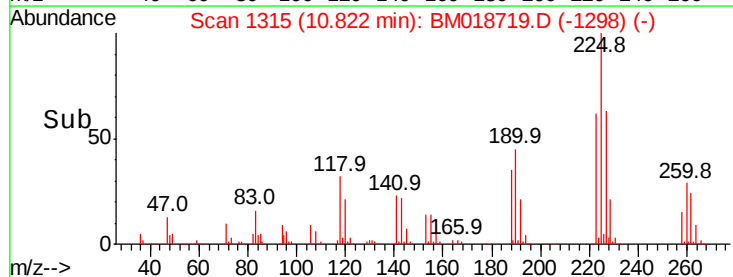
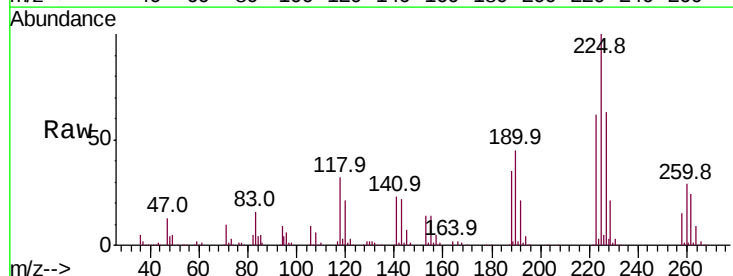
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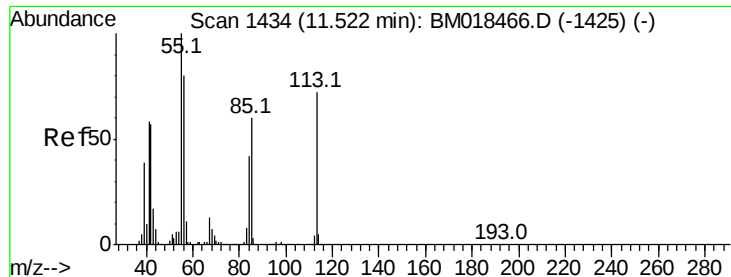
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#34
Hexachlorobutadiene
Concen: 46.424 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	50.8	76.2		
227	63.0	50.4	75.6		





#35

Caprolactam

Concen: 34.878 ng/ml

RT: 11.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

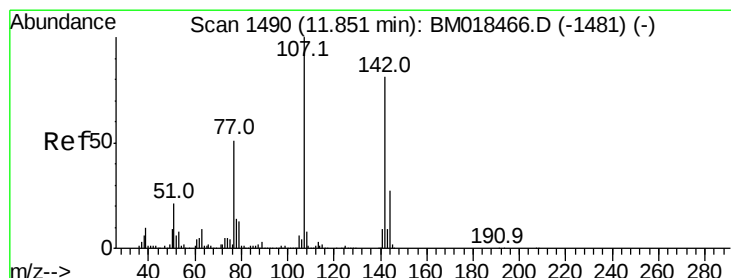
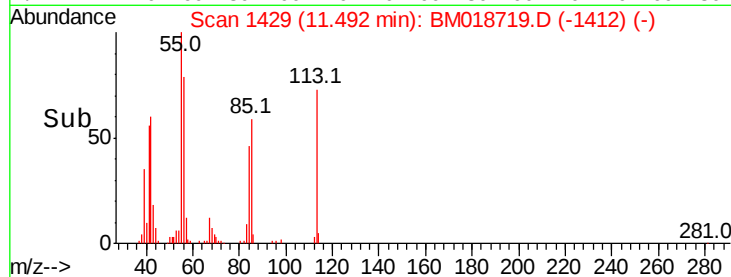
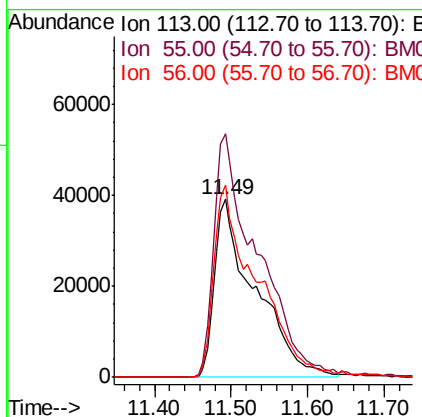
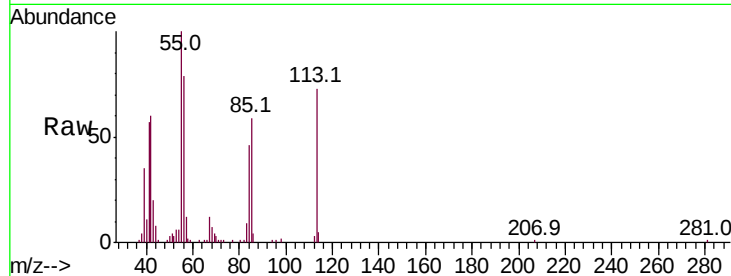
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	136.8	139.3	179.3		
56	108.1	101.4	141.4		

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#36

4-Chloro-3-methylphenol

Concen: 48.402 ng/ml

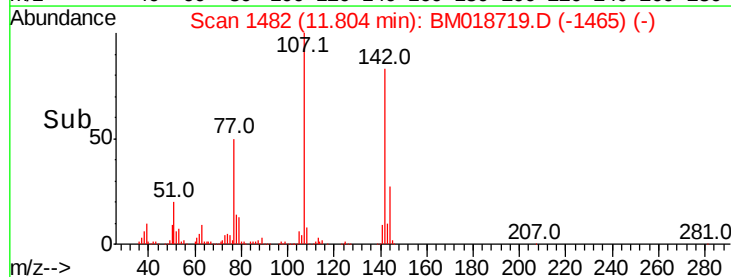
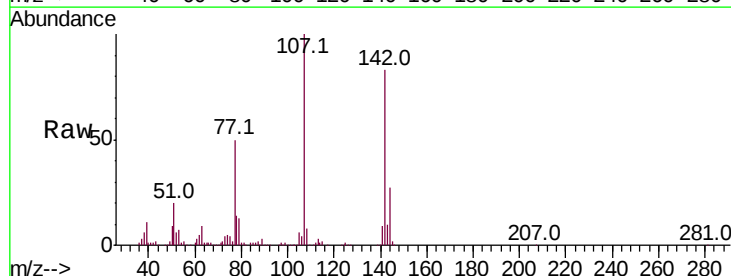
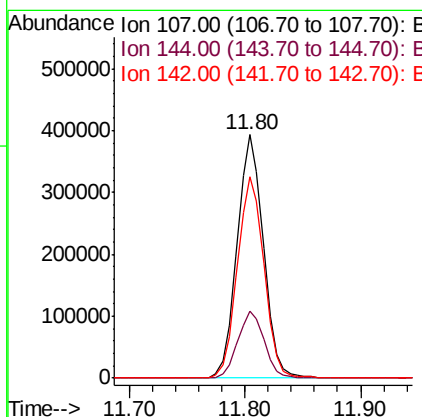
RT: 11.80 min Scan# 1482

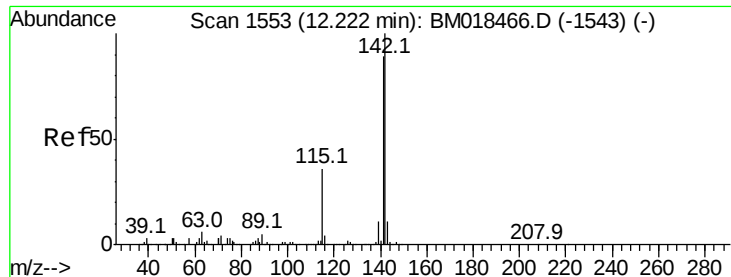
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.4	21.9	32.9		
142	82.5	67.9	101.9		





#37

2-Methylnaphthalene

Concen: 52.943 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

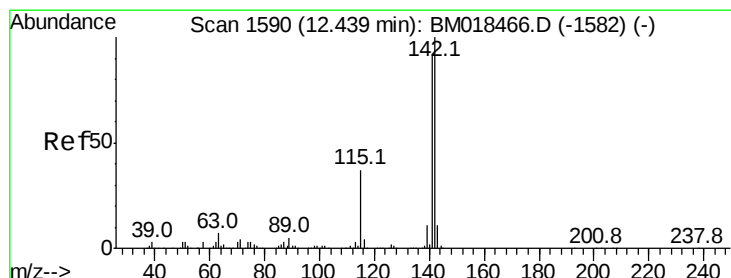
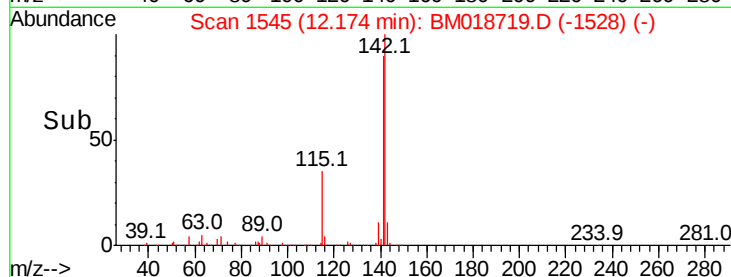
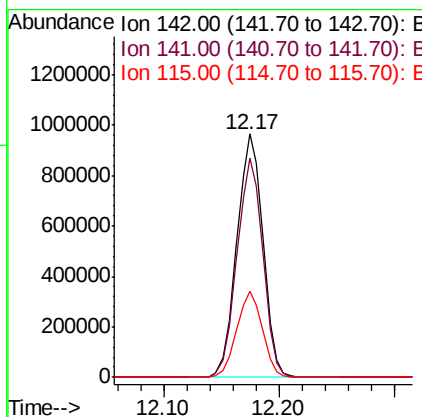
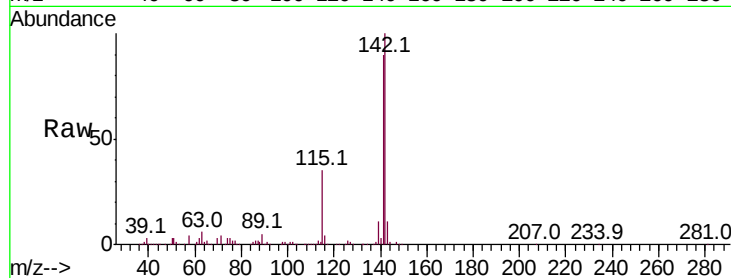
Instrument :
BNA_M

ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	35.3	28.0	42.0

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#38

1-Methylnaphthalene

Concen: 51.266 ng

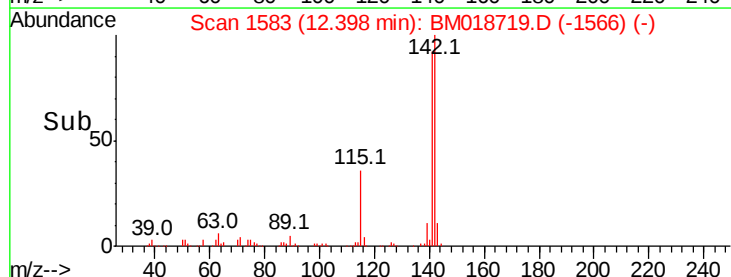
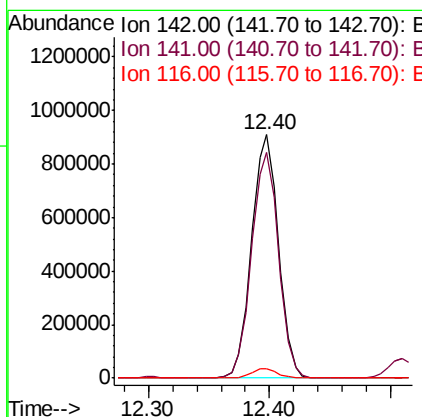
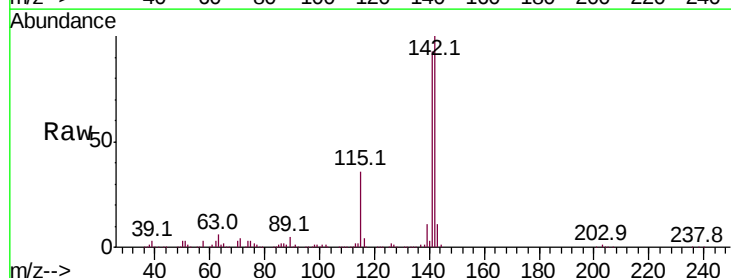
RT: 12.40 min Scan# 1583

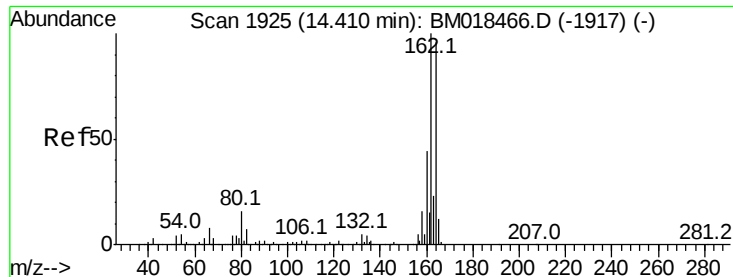
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.6	113.4
116	3.7	3.0	4.6





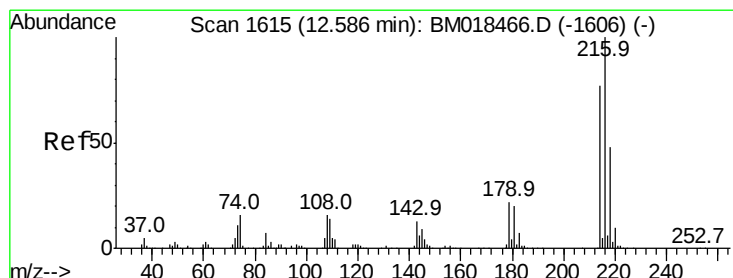
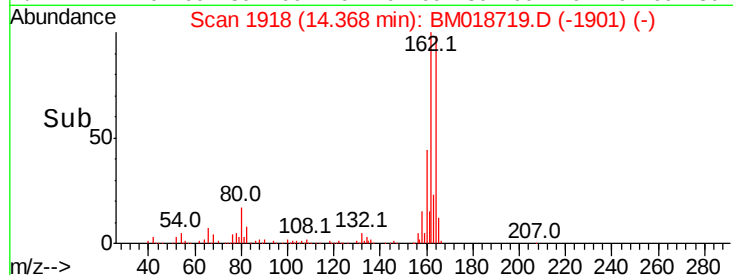
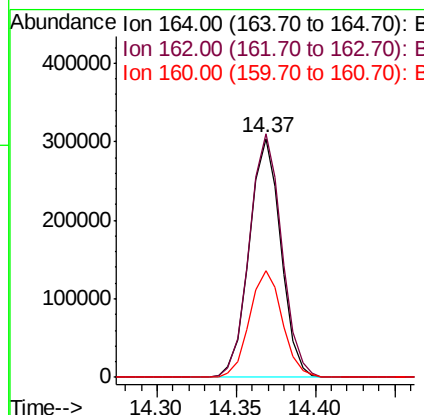
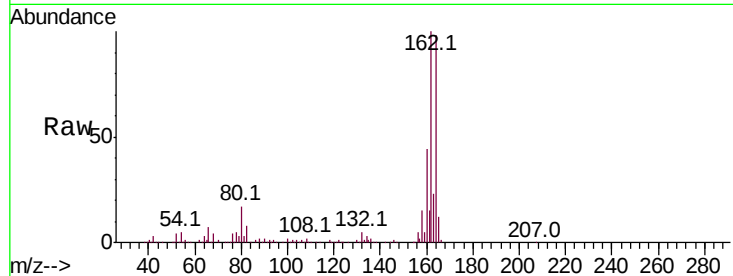
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	83.0	124.4	
160	44.9	37.1	55.7	

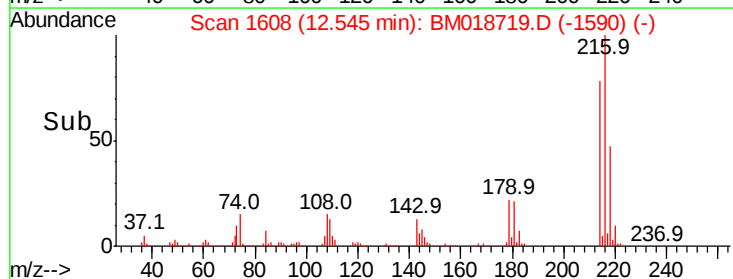
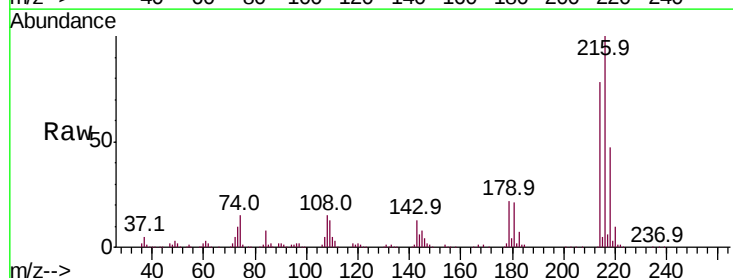
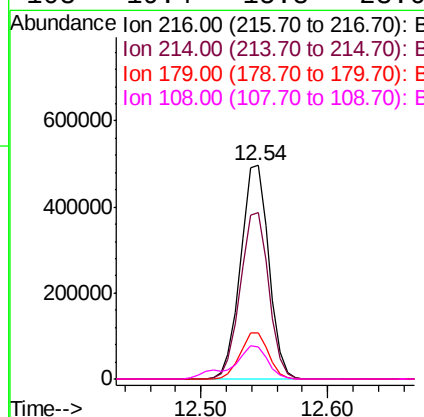
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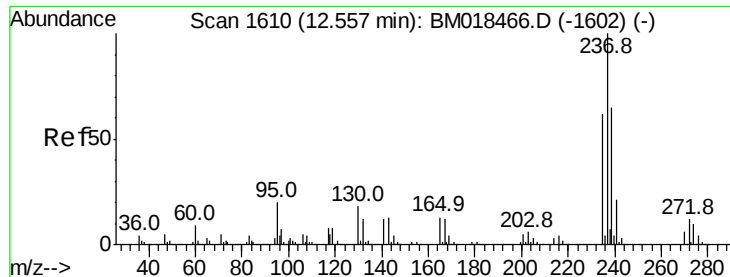
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.126 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.1	63.4	95.0	
179	21.6	17.9	26.9	
108	19.4	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 116.377 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

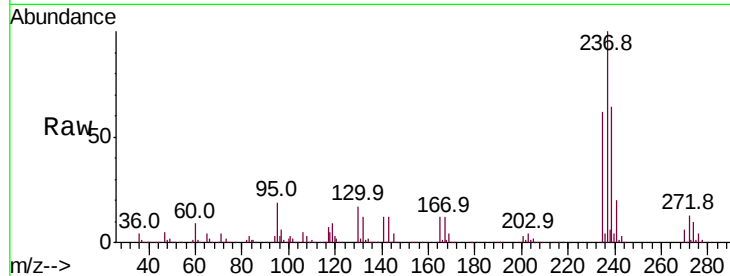
ClientSampleId :

FK-BPM-03-006-ABCDMSD

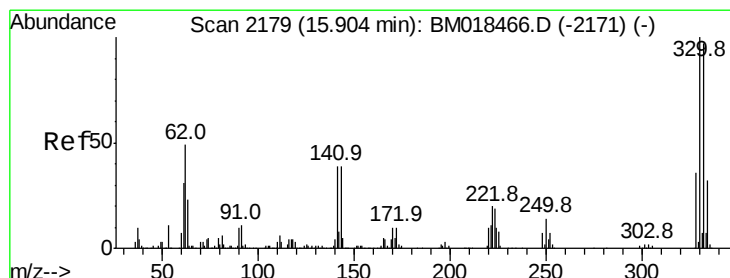
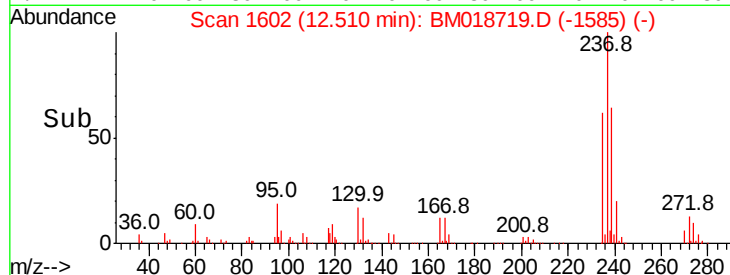
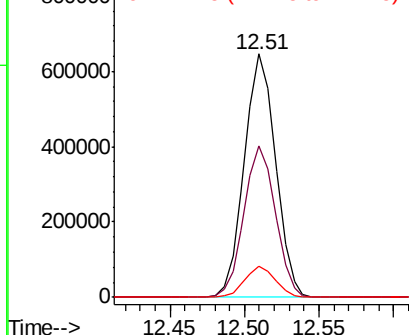
Tot Ion:	237	Resp:	938424
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.8	82.8
272	12.6	0.0	31.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.009 ng

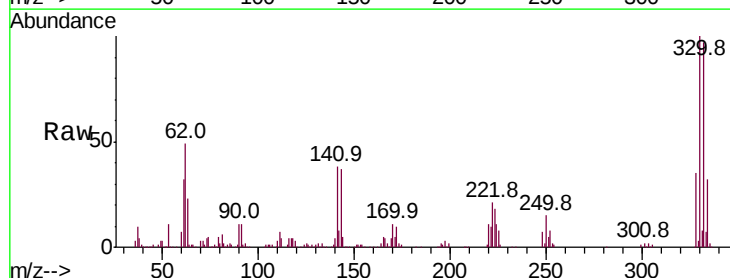
RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

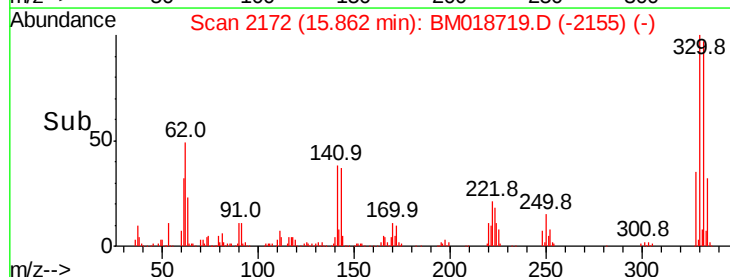
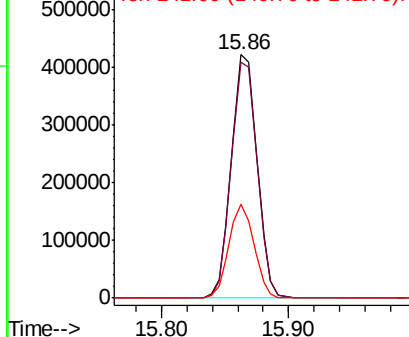
Lab File: BM018719.D

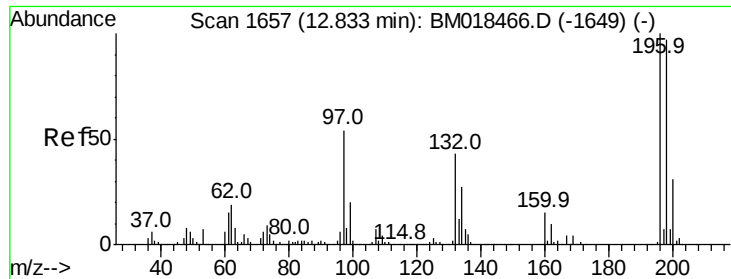
Acq: 04 Feb 2019 15:23

Tgt Ion:	330	Resp:	593864
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.6	116.4
141	37.7	31.7	47.5



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





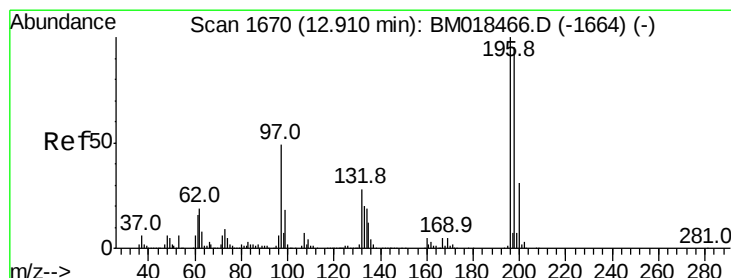
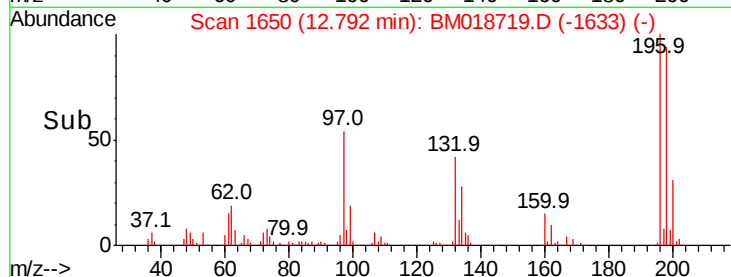
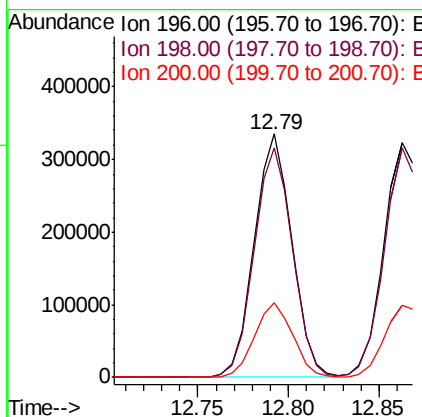
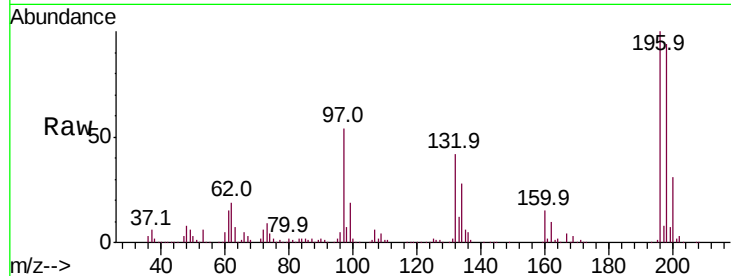
#43
 2,4,6-Trichlorophenol
 Concen: 54.253 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	484055		
198	94.4	76.6	115.0	
200	30.5	24.2	36.4	

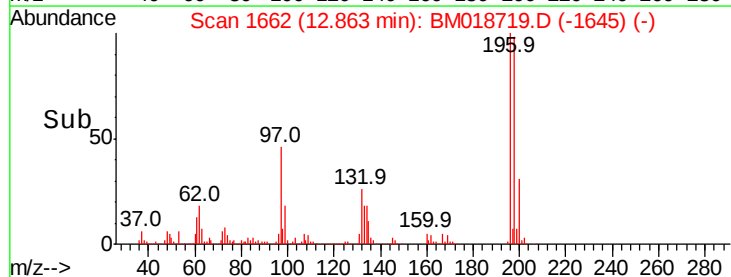
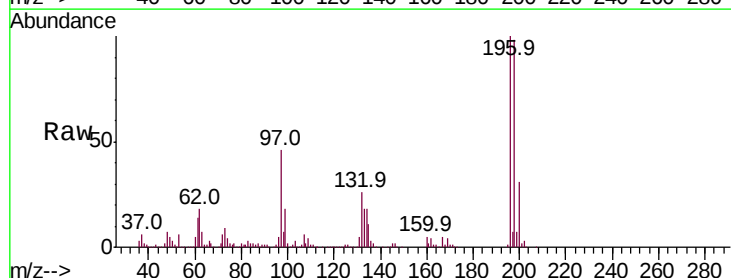
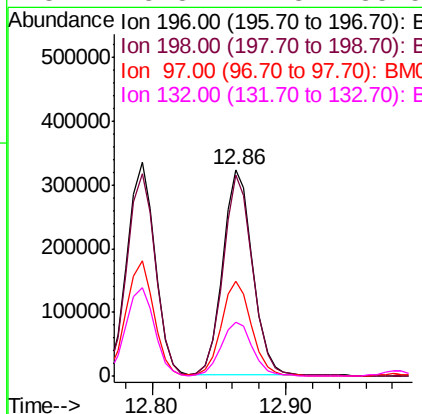
Manual Integrations
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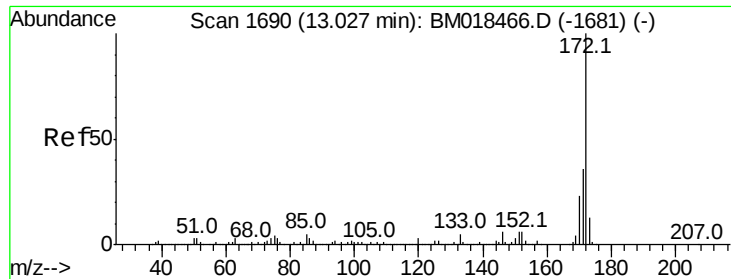
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 53.978 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	506506		
198	97.5	76.7	115.1	
97	46.1	39.2	58.8	
132	25.8	22.3	33.5	





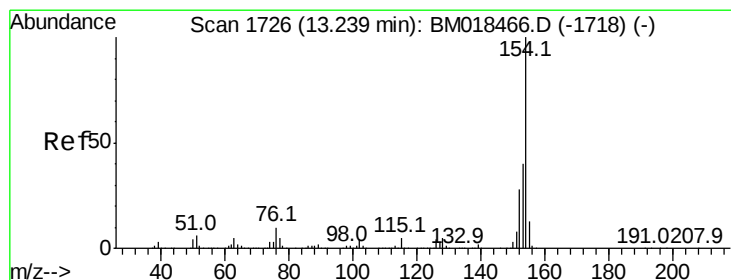
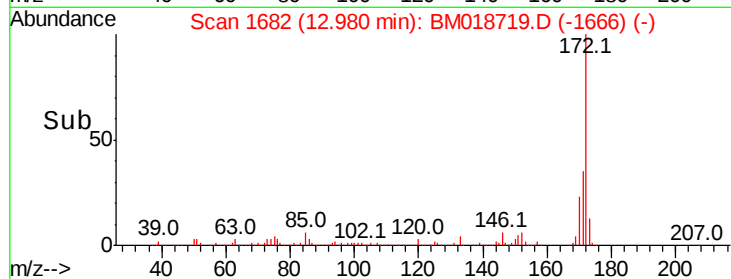
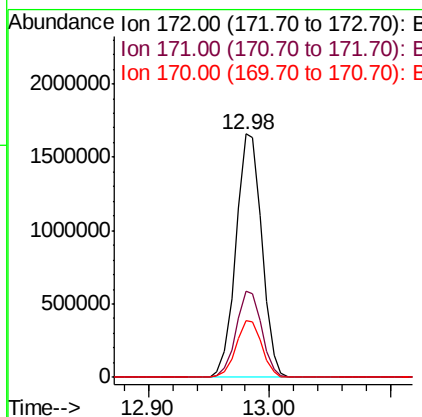
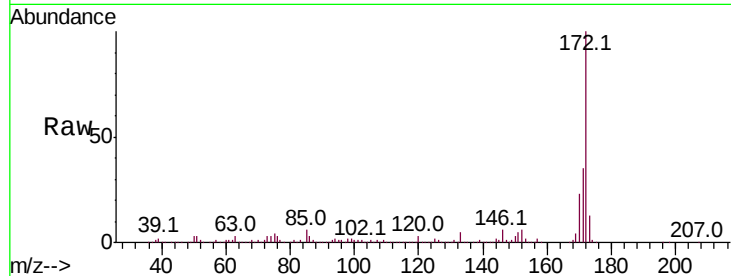
#45
2-Fluorobiphenyl
Concen: 76.868 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.3	18.9	28.3

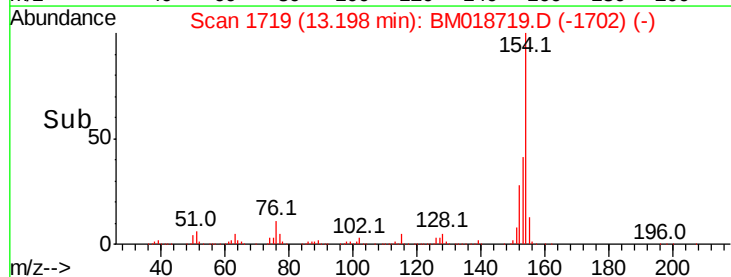
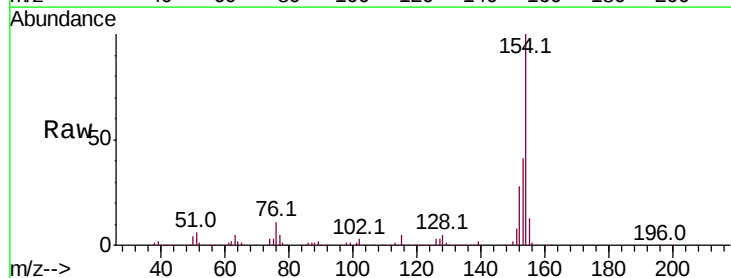
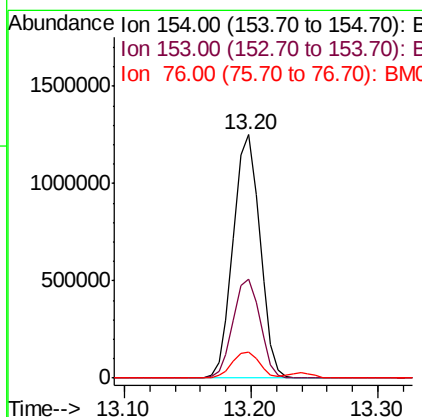
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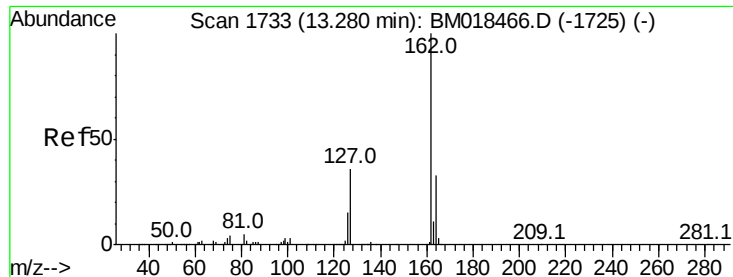
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#46
1,1'-Biphenyl
Concen: 49.985 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	10.5	0.0	31.9





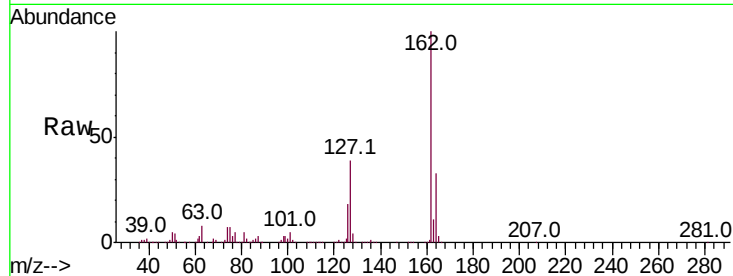
#47
2-Chloronaphthalene
Concen: 50.257 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.4	47.0
164	32.5	26.2	39.4

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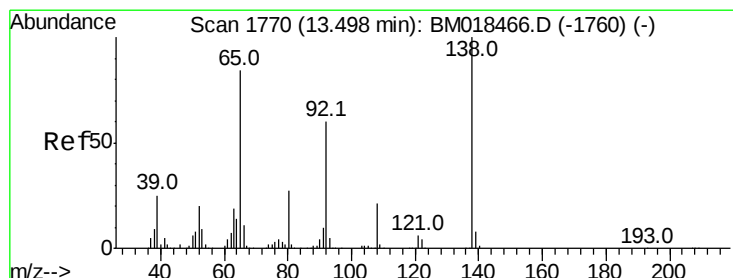
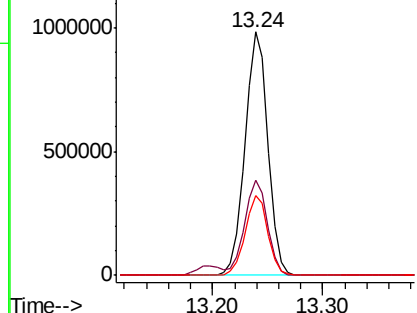
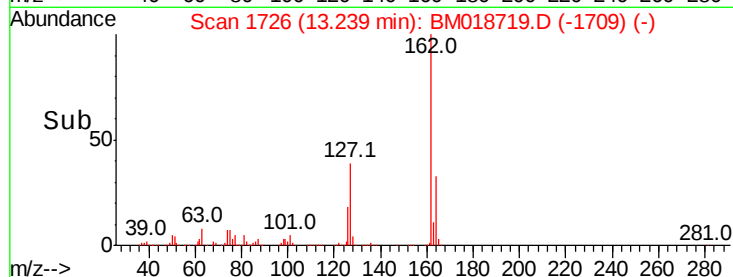


Abundance

Ion 162.00 (161.70 to 162.70): E

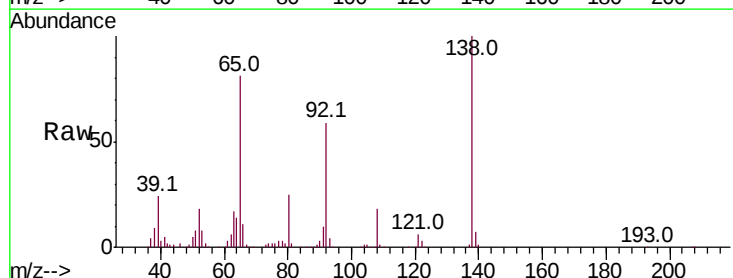
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 51.136 ng
RT: 13.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	53.4	80.2
138	123.9	88.9	133.3

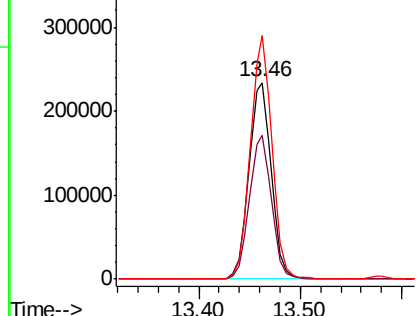
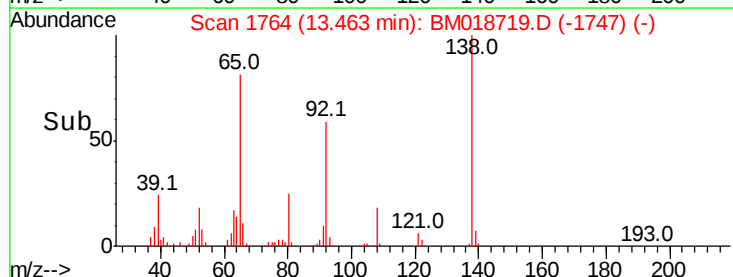


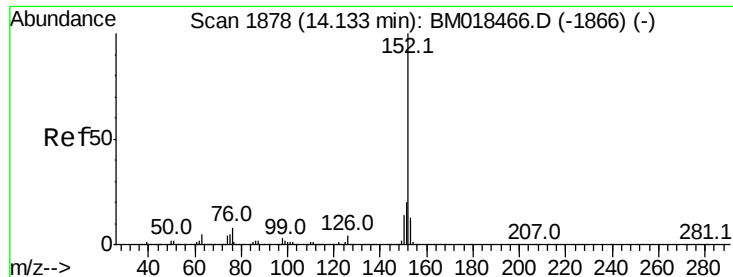
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.901 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

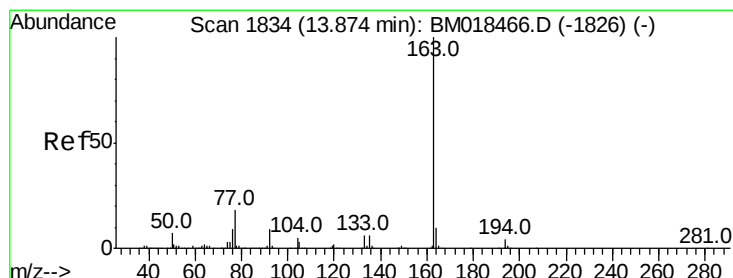
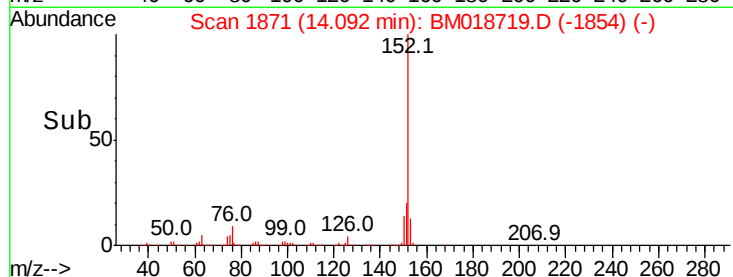
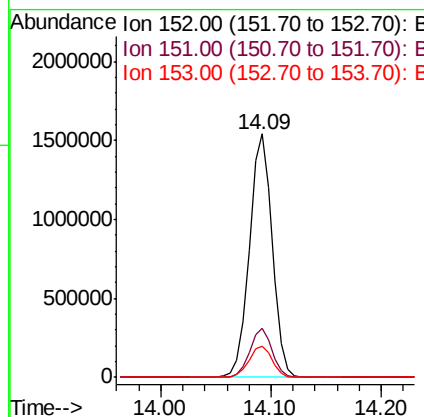
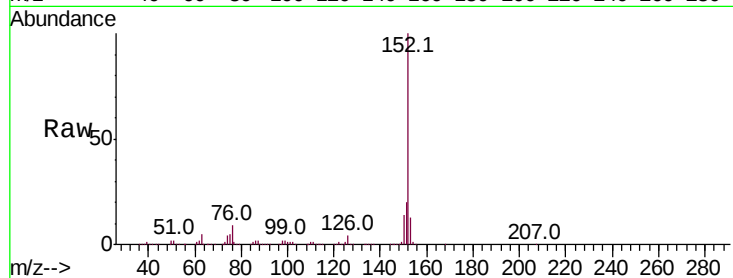
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	152	Resp:	2234615
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.7	23.5
153	12.8	10.5	15.7

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#50

Dimethylphthalate

Concen: 55.275 ng

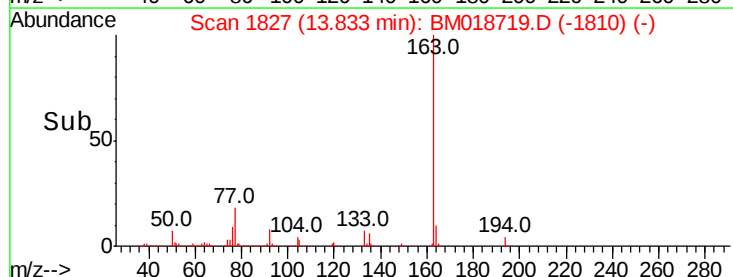
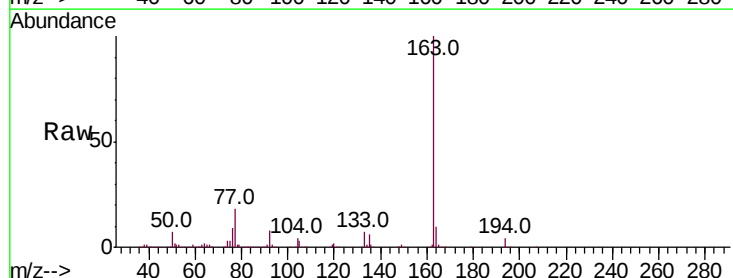
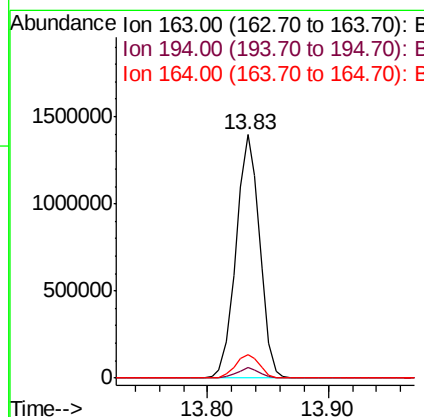
RT: 13.83 min Scan# 1827

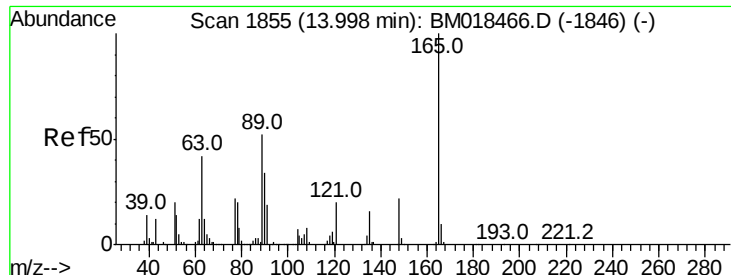
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	163	Resp:	1907310
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	9.8	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 50.355 ng

RT: 13.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

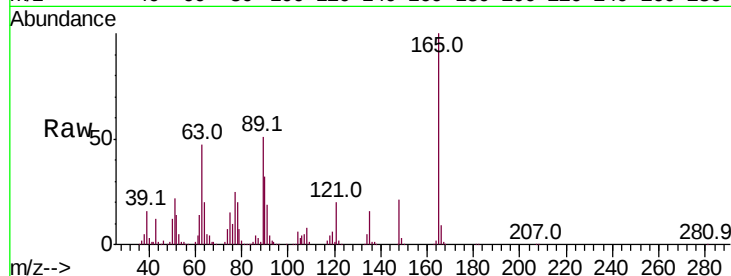
ClientSampleId :

FK-BPM-03-006-ABCDMSD

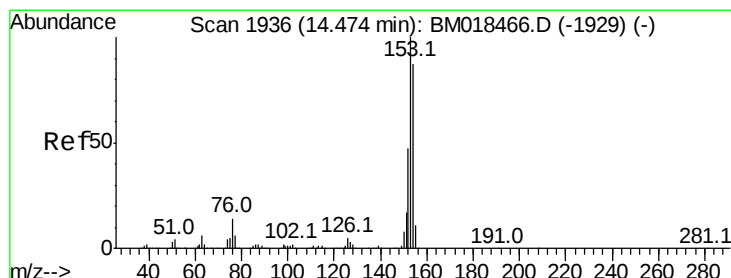
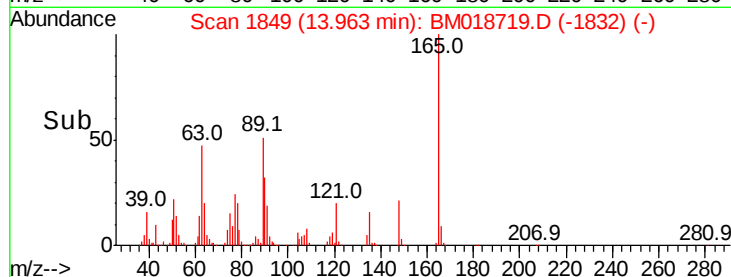
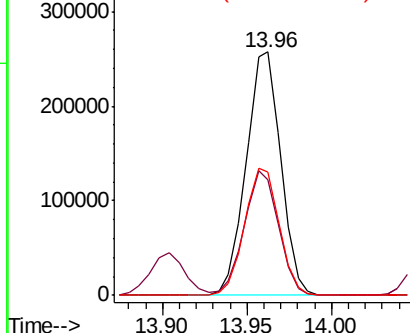
Tot Ion:	165	Resp:	368050
Ion Ratio	Lower	Upper	
165	100		
63	47.4	45.6	68.4
89	50.7	44.6	66.8

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 50.534 ng

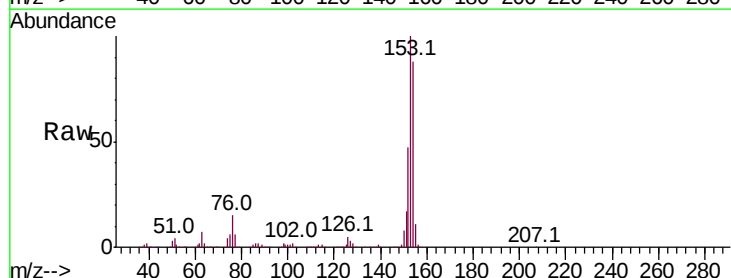
RT: 14.43 min Scan# 1929

Delta R.T. 0.00 min

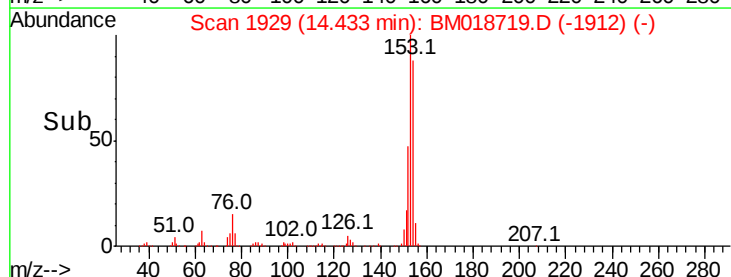
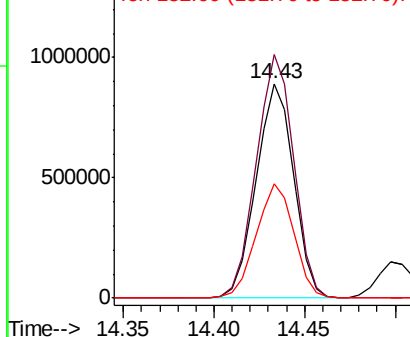
Lab File: BM018719.D

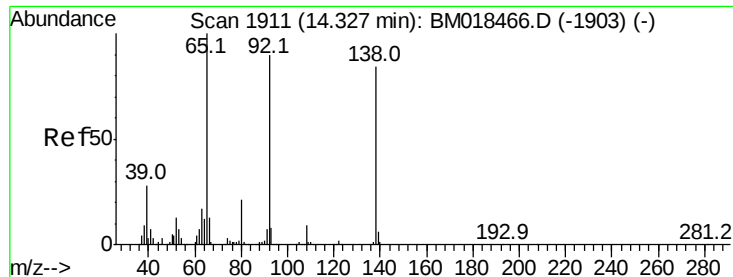
Acq: 04 Feb 2019 15:23

Tgt Ion:	154	Resp:	1281874
Ion Ratio	Lower	Upper	
154	100		
153	113.5	92.3	138.5
152	53.6	43.8	65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





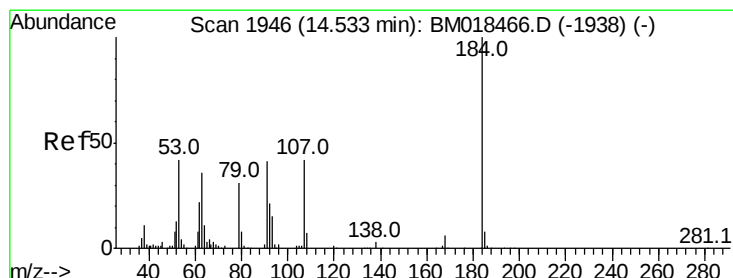
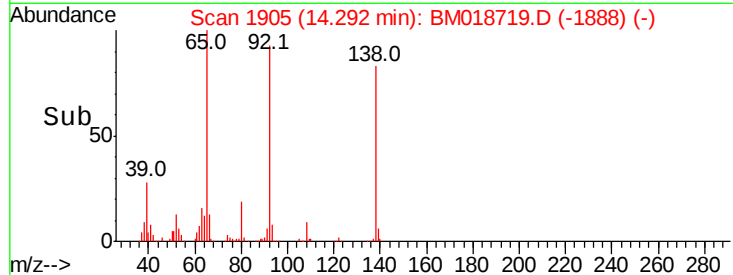
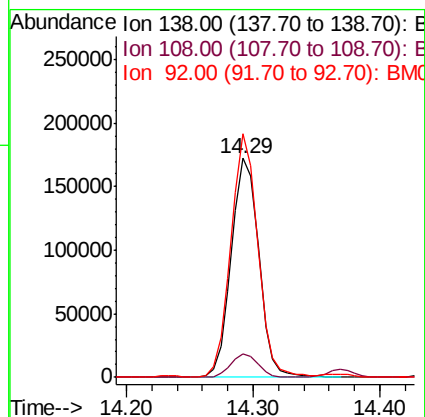
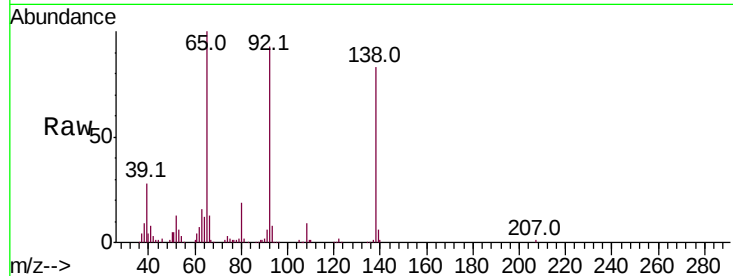
#53
3-Nitroaniline
Concen: 35.267 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	111.1	88.2	132.2

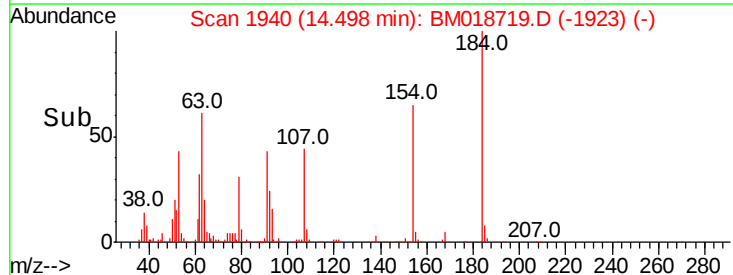
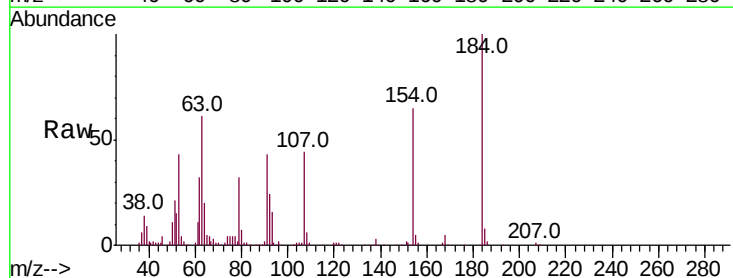
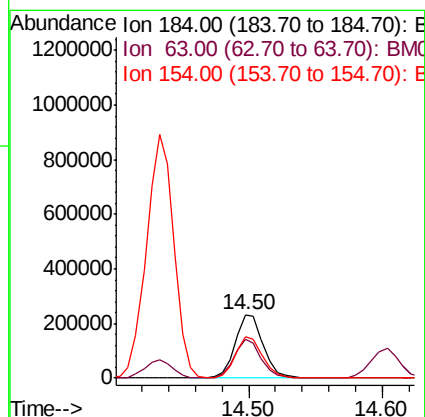
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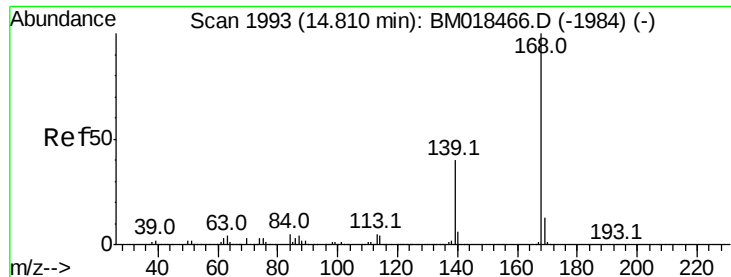
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#54
2,4-Dinitrophenol
Concen: 85.842 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.1	55.9	83.9
154	65.1	54.2	81.4





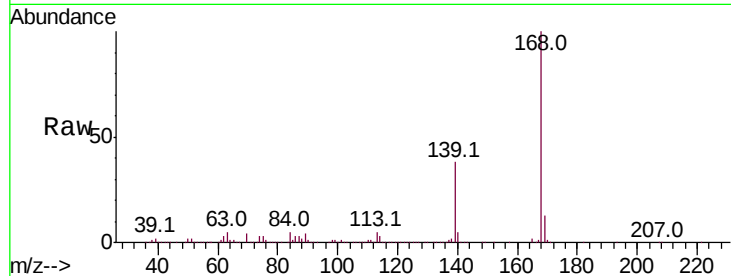
#55
Dibenzofuran
Concen: 48.501 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.3	45.5
169	13.1	10.6	16.0

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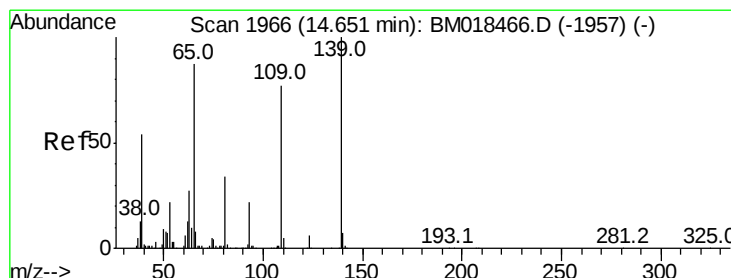
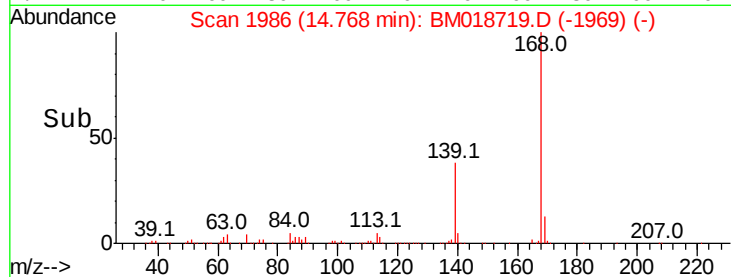
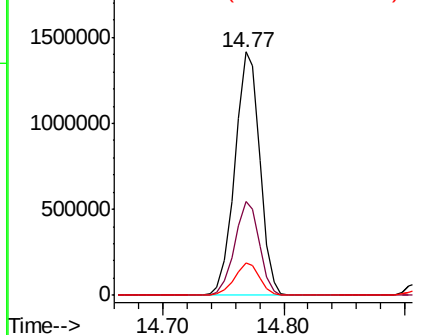


Abundance

Ion 168.00 (167.70 to 168.70): E

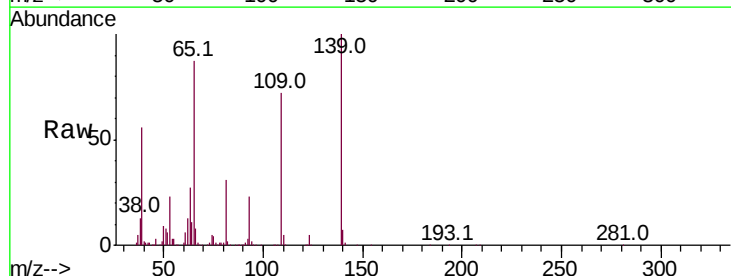
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 96.287 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.1	51.7	91.7
65	86.7	71.4	111.4

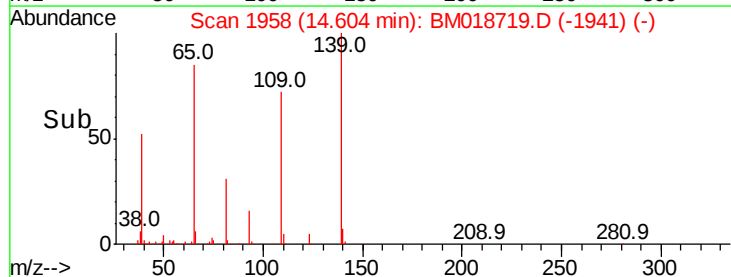
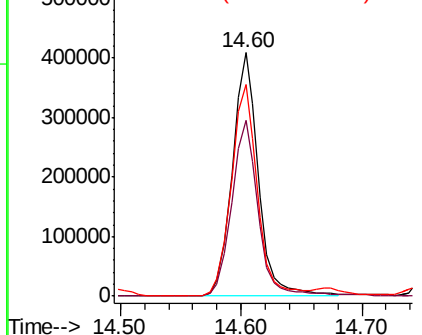


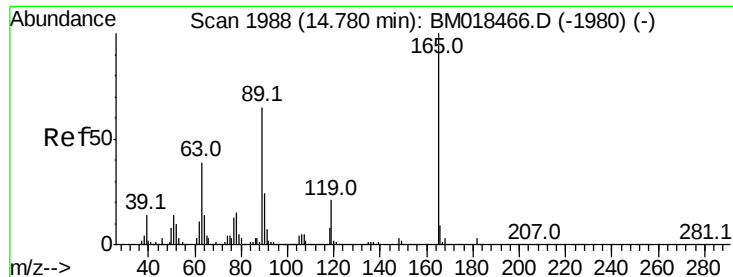
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





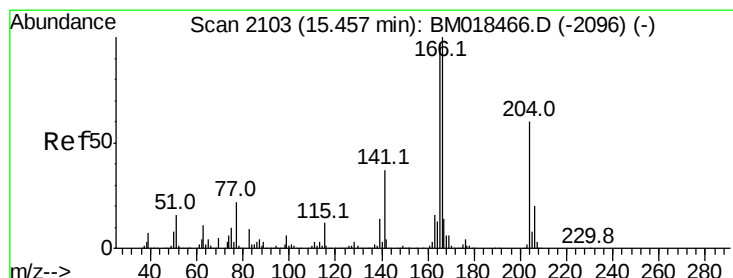
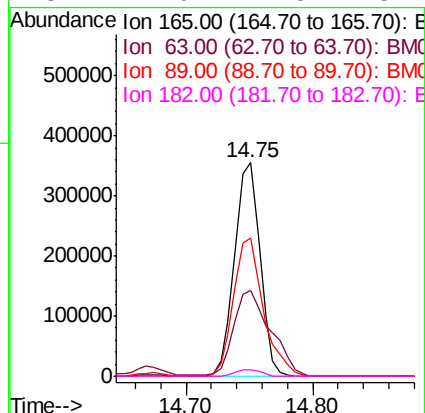
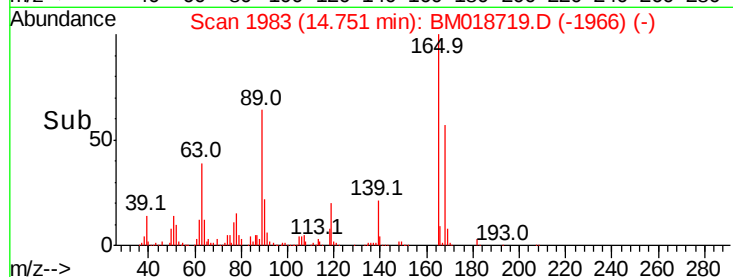
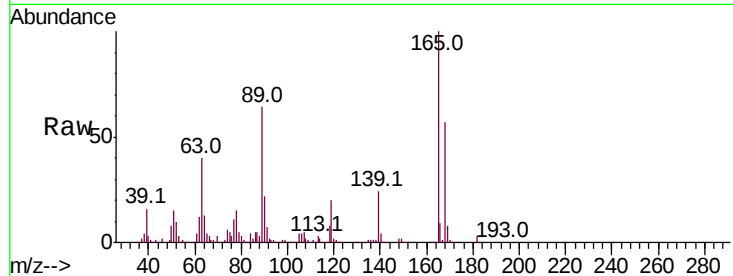
#57
2,4-Dinitrotoluene
Concen: 47.562 ng
RT: 14.75 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		491867		
63	40.4	32.2	48.2		
89	64.4	52.1	78.1		
182	2.9	2.5	3.7		

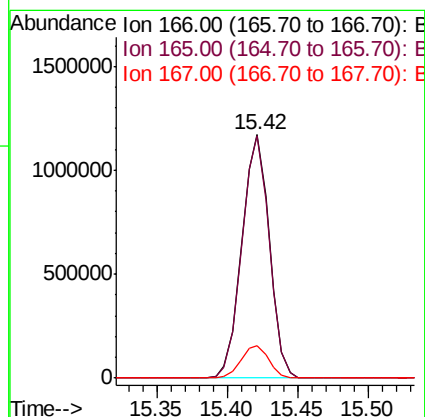
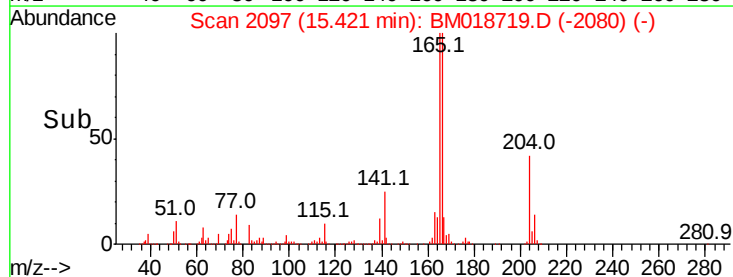
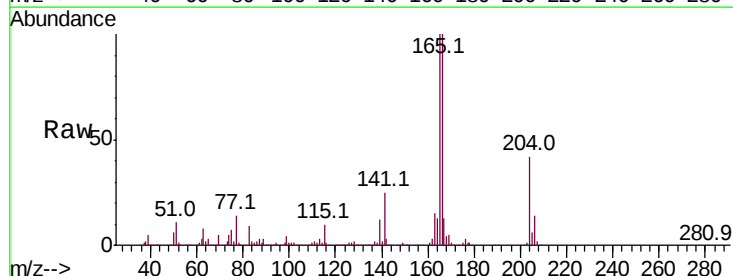
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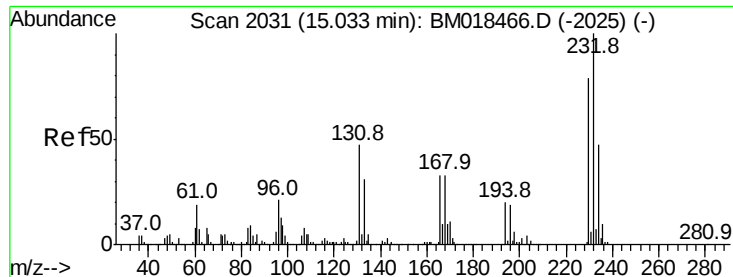
mohammad
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#58
Fluorene
Concen: 51.075 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1594652		
165	99.7	78.3	117.5		
167	13.4	10.9	16.3		





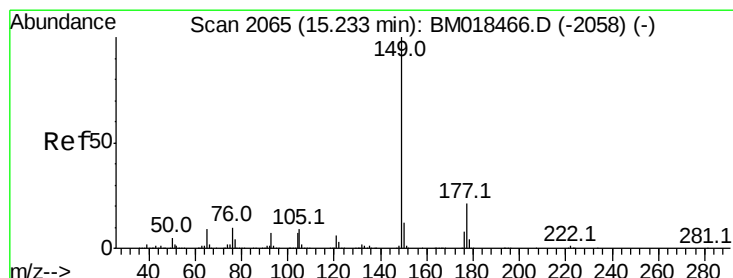
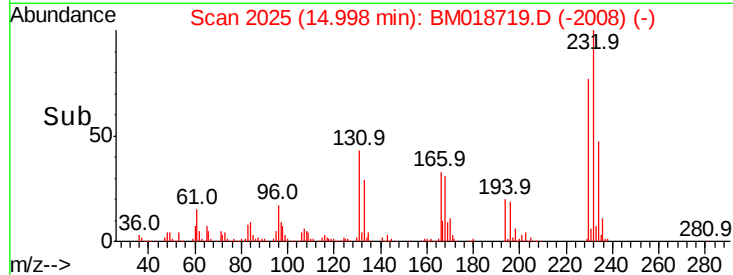
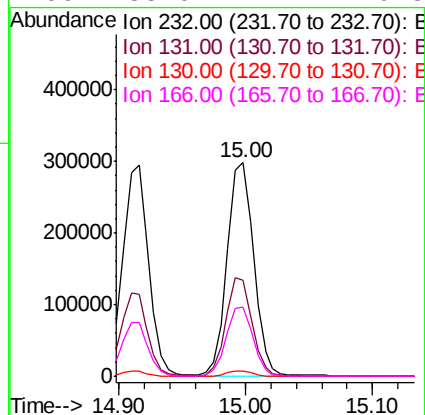
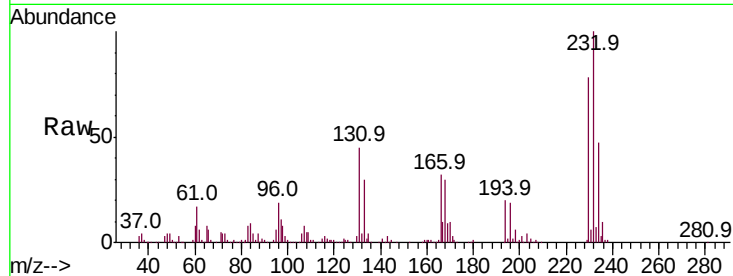
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.877 ng
 RT: 15.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	38.6	57.8
130	2.5	2.2	3.4
166	33.0	27.2	40.8

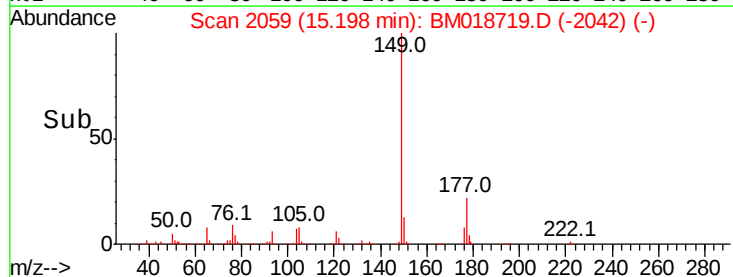
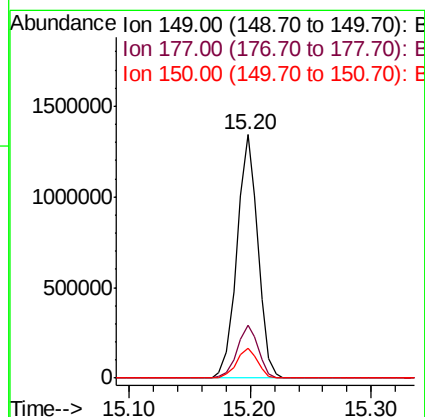
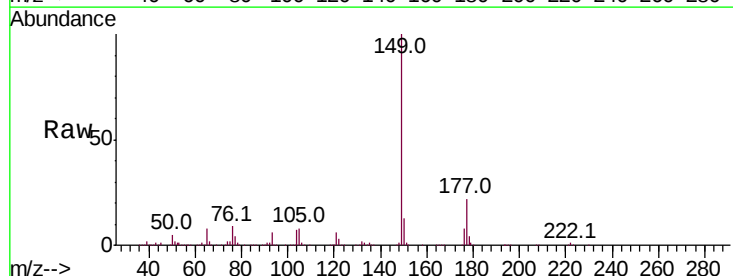
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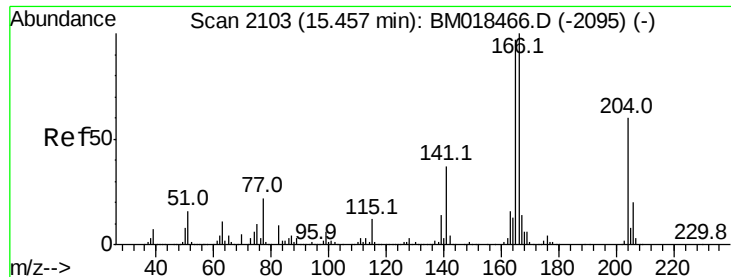
mohammad
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#60
 Diethylphthalate
 Concen: 46.333 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.5	9.8	14.6





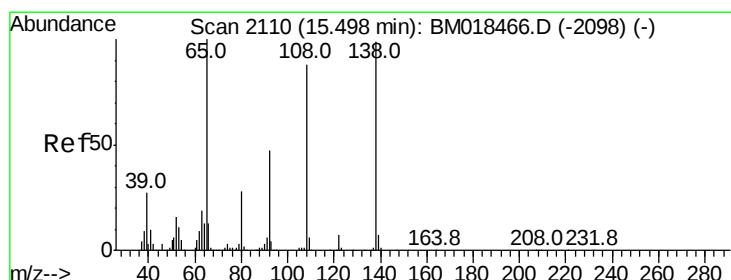
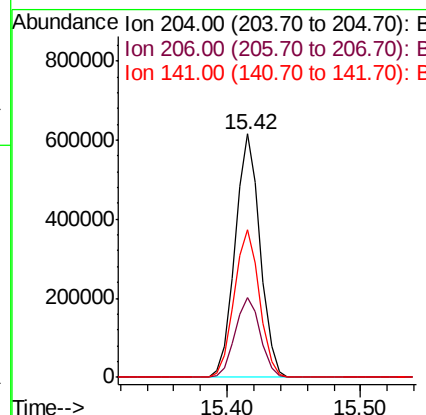
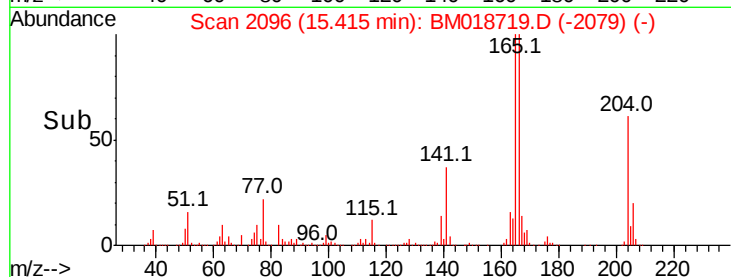
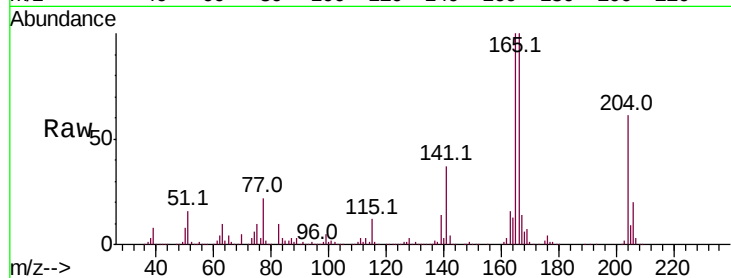
#61
4-Chlorophenyl-phenylether
Concen: 44.688 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	60.4	49.5	74.3

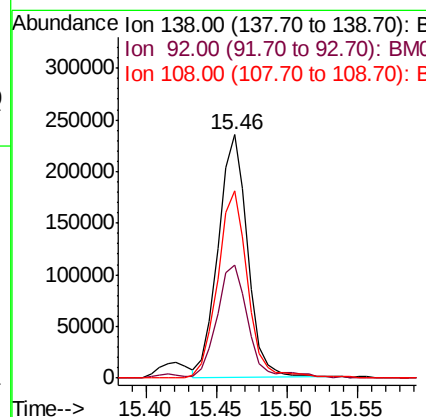
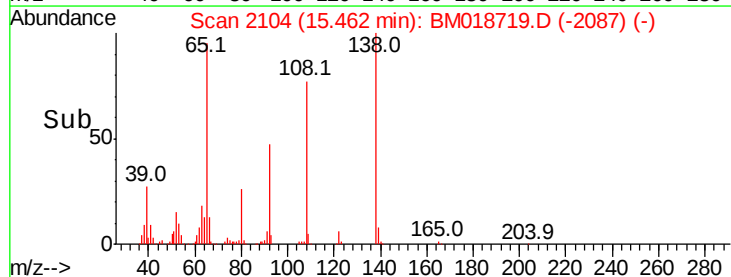
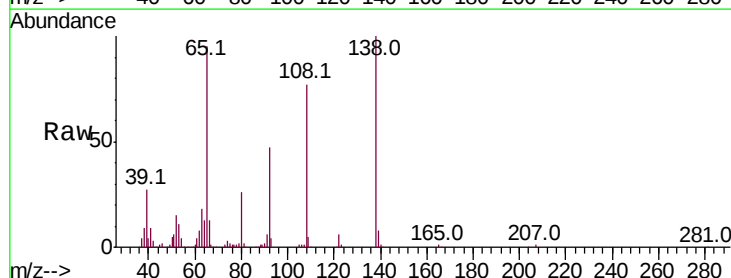
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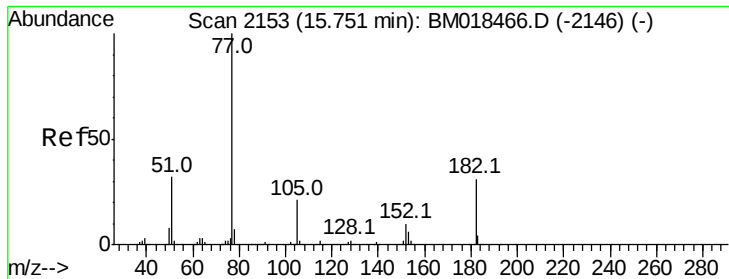
mohammad
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#62
4-Nitroaniline
Concen: 42.139 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	29.0	69.0
108	76.8	63.9	103.9





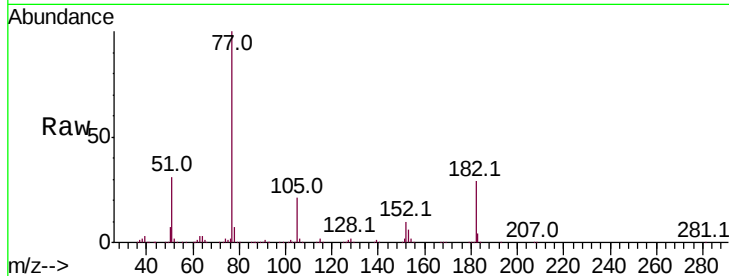
#63
Azobenzene
Concen: 47.513 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.4	47.4
105	21.1	0.0	39.6
51	31.1	12.0	52.0

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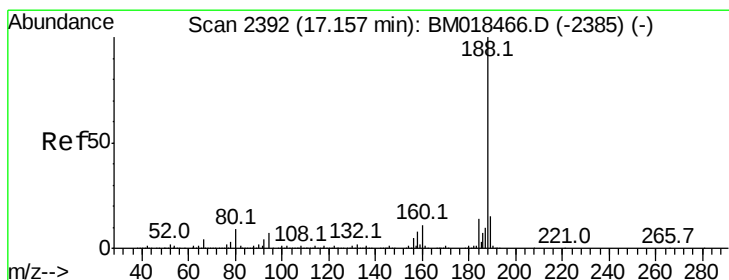
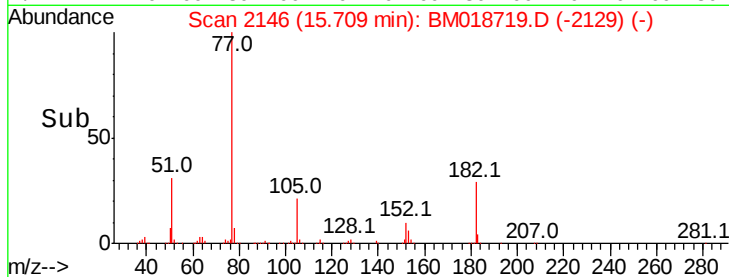
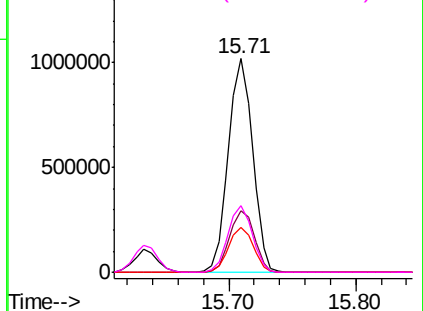
Abundance

Ion 77.00 (76.70 to 77.70): BM018719.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018719.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018719.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018719.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

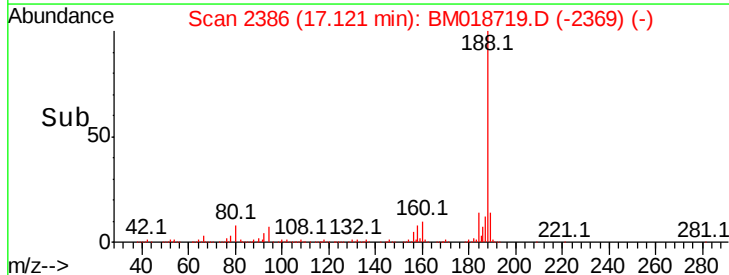
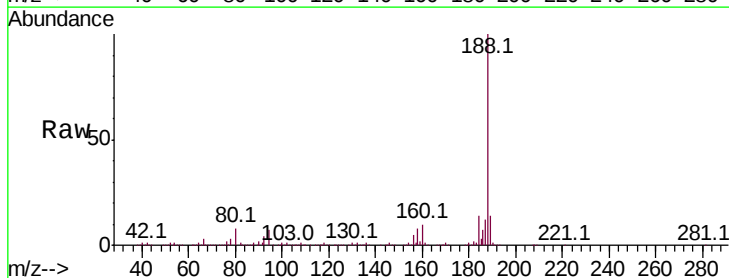
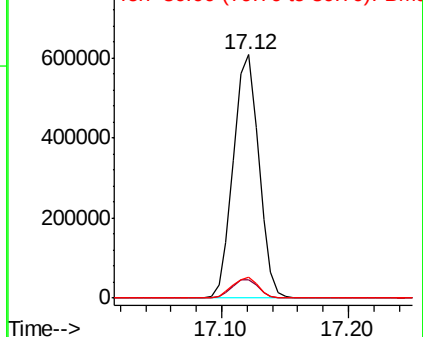
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.4	7.6	11.4

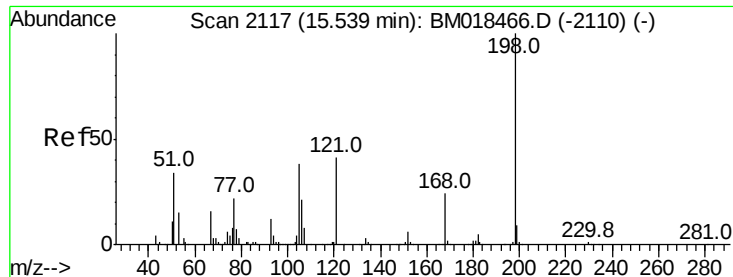
Abundance

Ion 188.00 (187.70 to 188.70): BM018719.D (-2386) (-)

Ion 94.00 (93.70 to 94.70): BM018719.D (-2386) (-)

Ion 80.00 (79.70 to 80.70): BM018719.D (-2386) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 47.294 ng

RT: 15.51 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

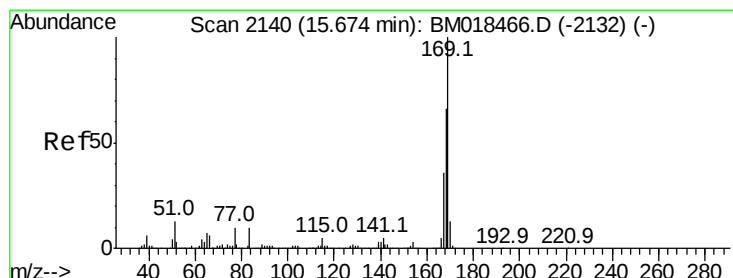
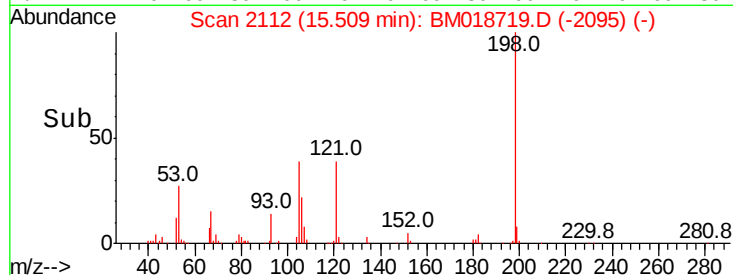
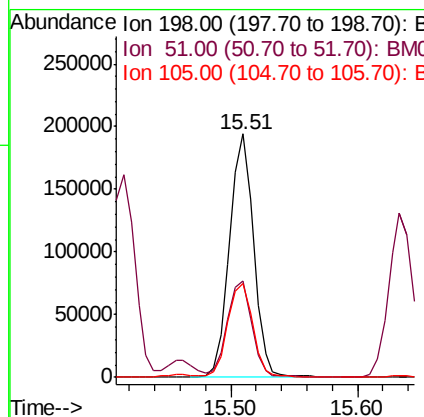
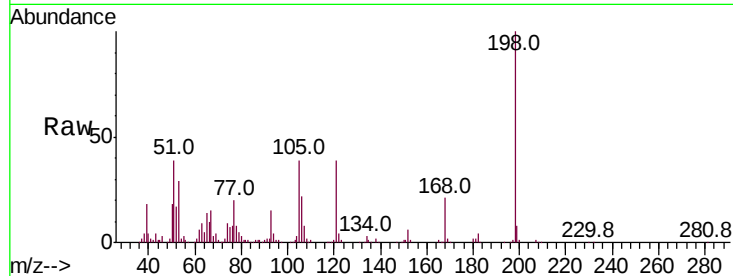
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	198	Resp:	254365
Ion Ratio	Lower	Upper	
198	100		
51	39.5	29.6	69.6
105	38.7	25.5	65.5

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#66

n-Nitrosodiphenylamine

Concen: 52.403 ng

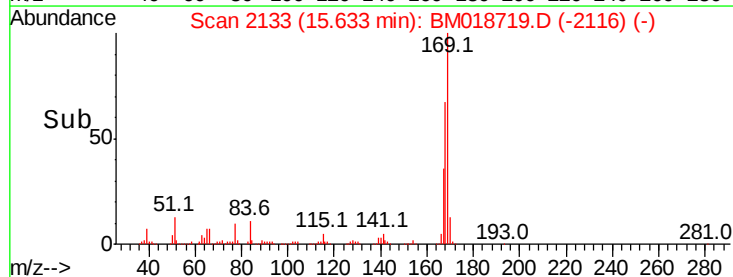
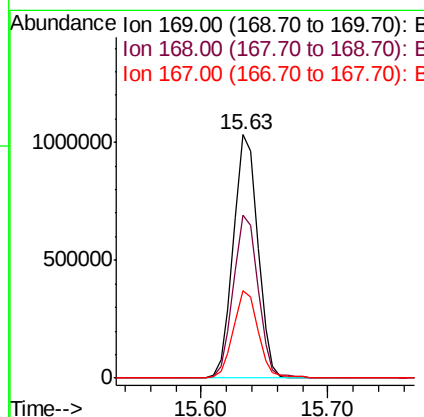
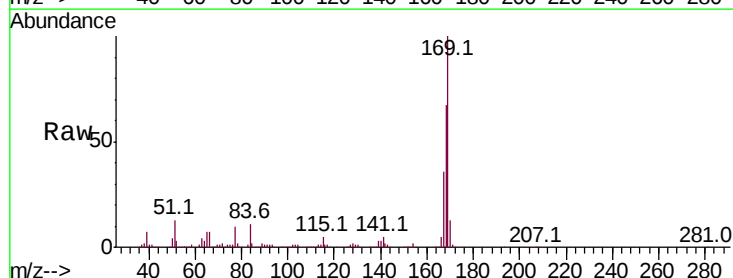
RT: 15.63 min Scan# 2133

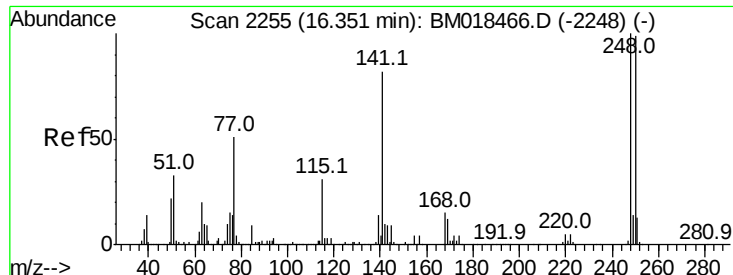
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	169	Resp:	1374200
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.1	81.1
167	35.8	28.6	42.8





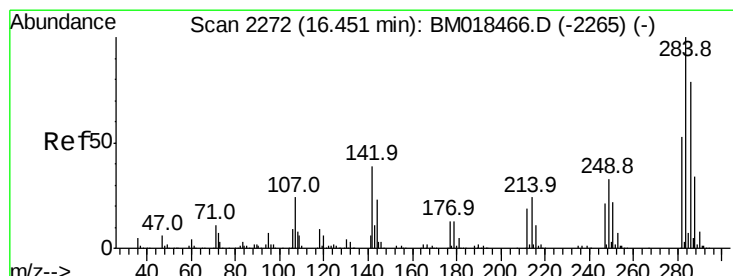
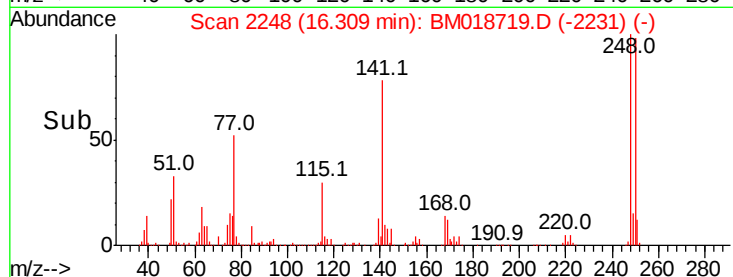
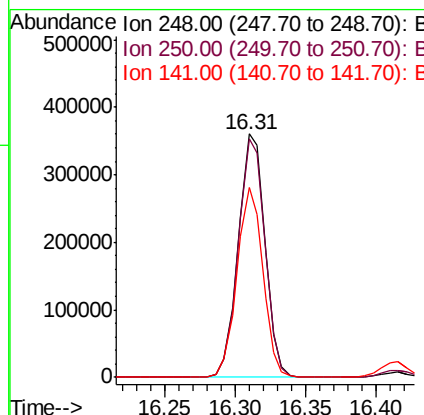
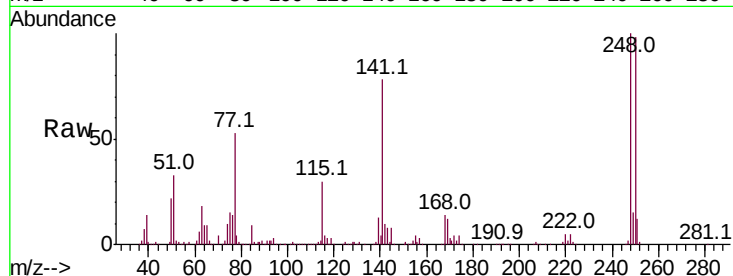
#67
4-Bromophenyl-phenylether
Concen: 50.192 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.0	114.0
141	78.2	61.5	92.3

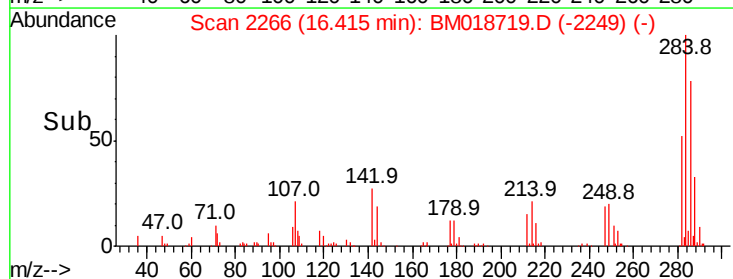
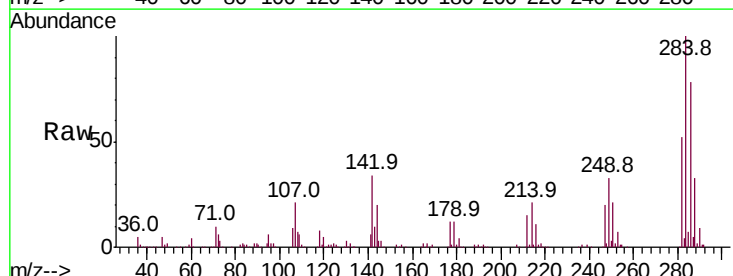
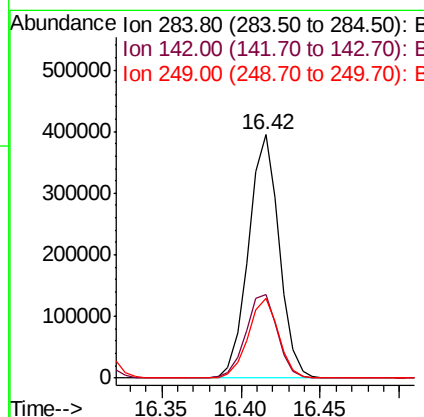
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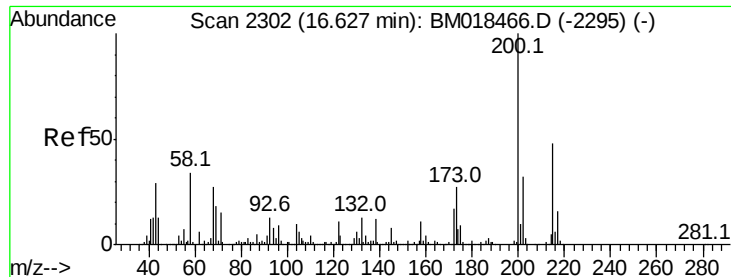
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#68
Hexachlorobenzene
Concen: 49.888 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	29.2	43.8
249	32.6	26.1	39.1





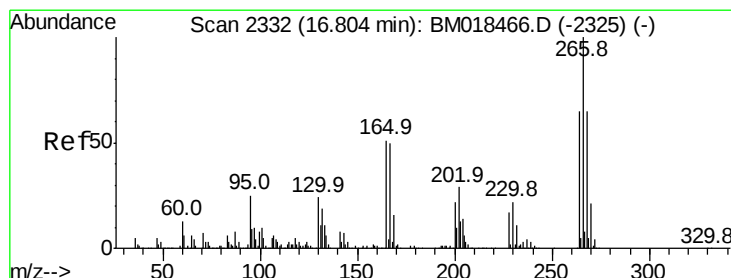
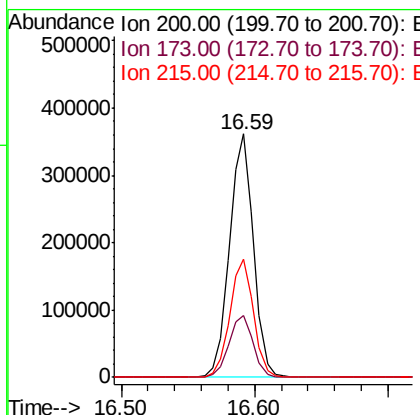
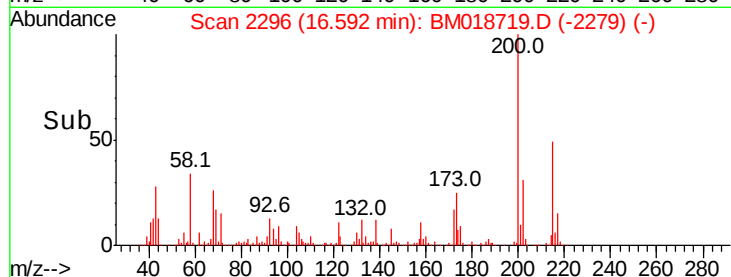
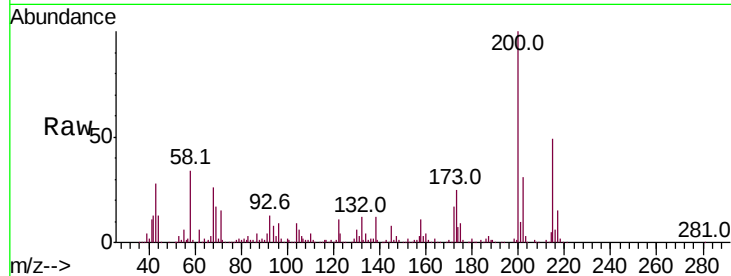
#69
 Atrazine
 Concen: 47.784 ng
 RT: 16.59 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.2	47.2
215	48.7	28.3	68.3

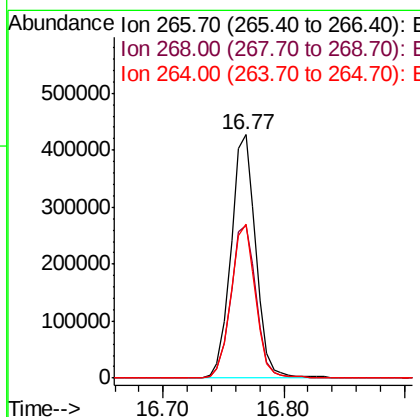
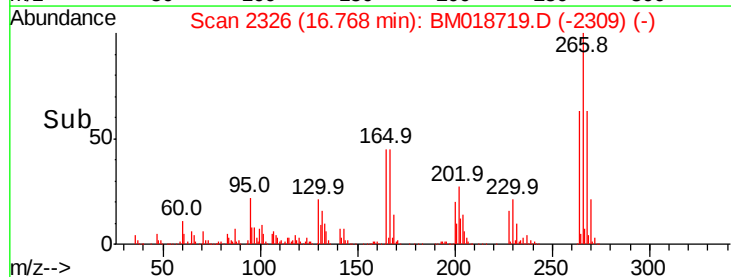
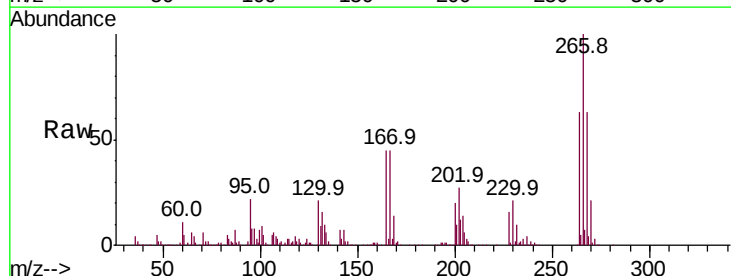
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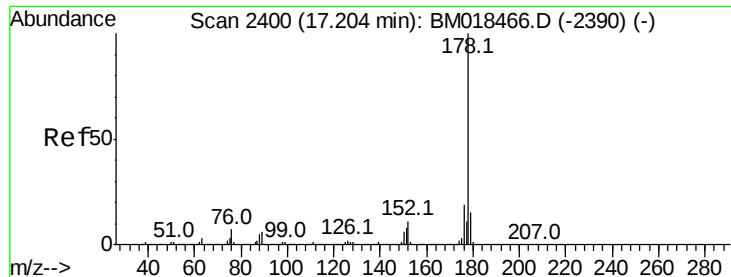
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#70
 Pentachlorophenol
 Concen: 88.100 ng
 RT: 16.77 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	49.8	74.6
264	63.3	50.1	75.1





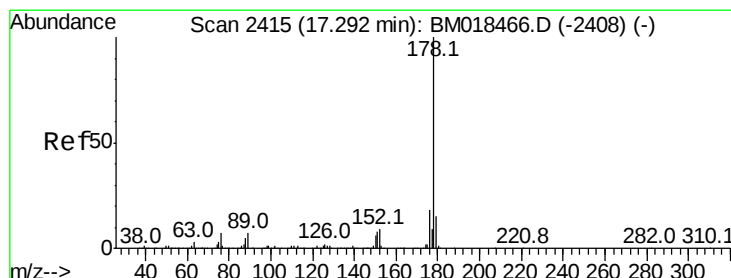
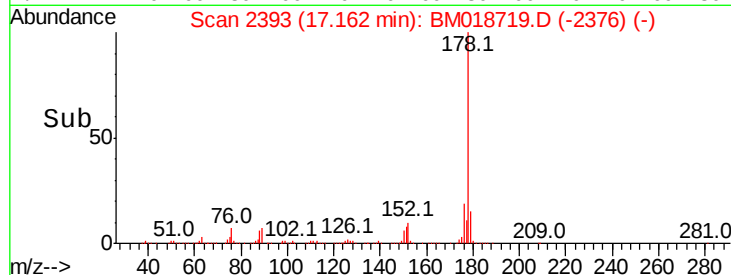
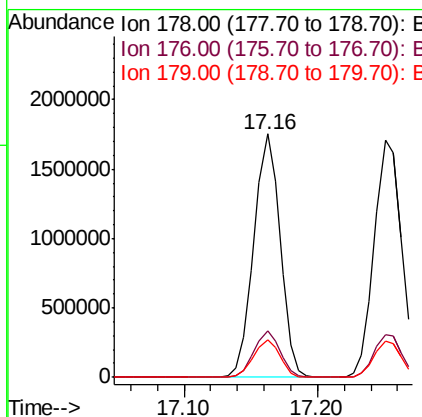
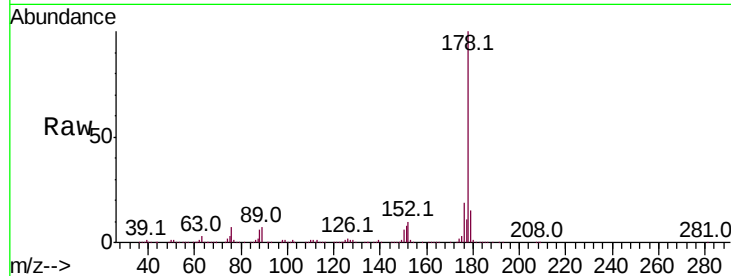
#71
Phenanthrene
Concen: 53.053 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion:178 Resp: 2385626
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.4

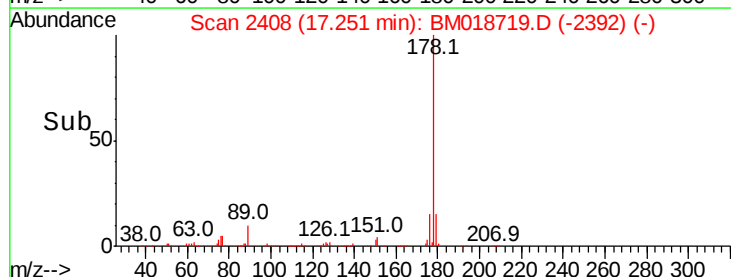
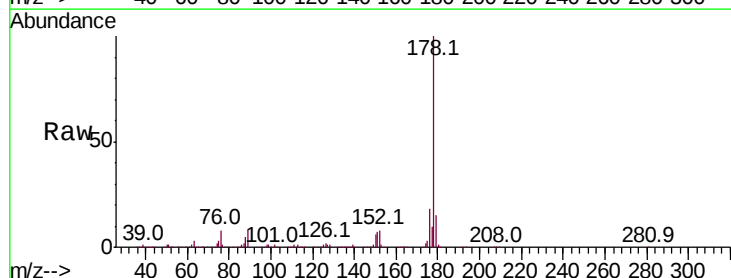
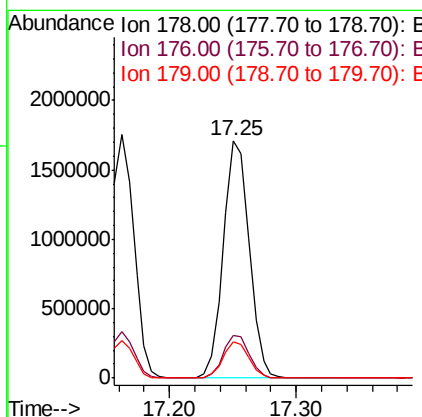
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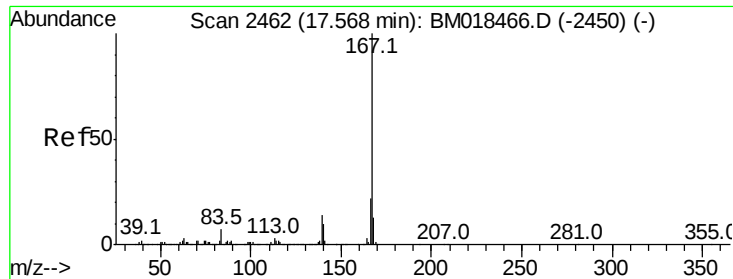
mohammad
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#72
Anthracene
Concen: 55.885 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:178 Resp: 2416492
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.3 12.2 18.4





#73

Carbazole

Concen: 48.834 ng

RT: 17.53 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

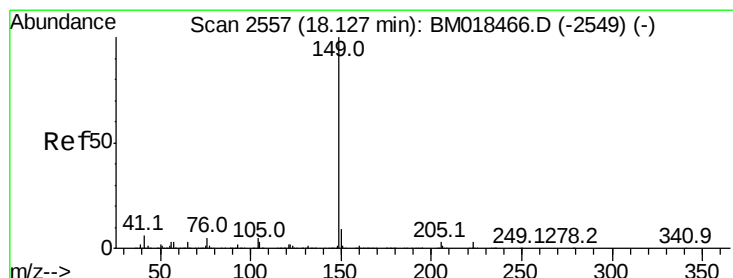
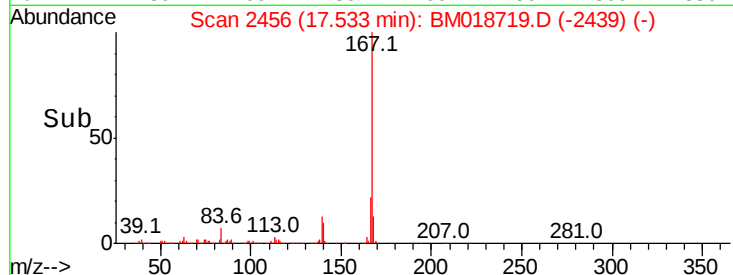
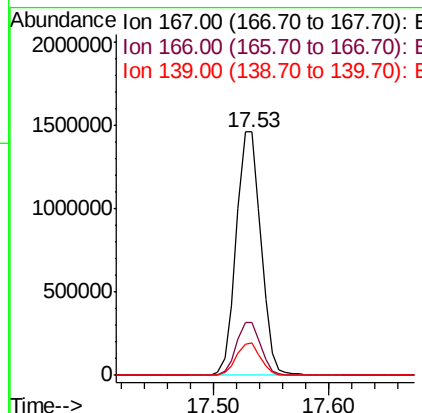
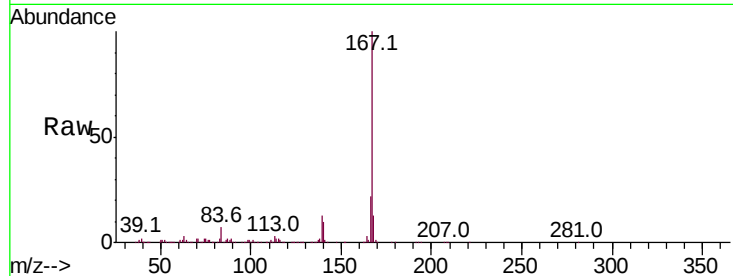
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	167	Resp:	2169433
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.1	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 52.339 ng

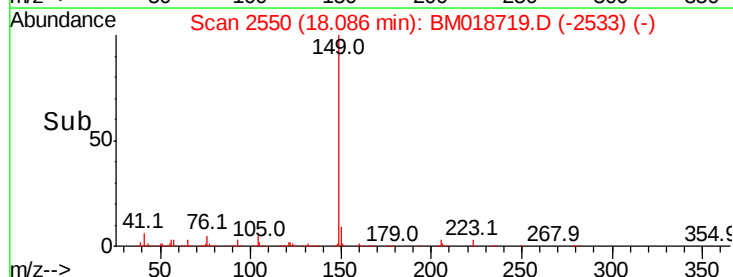
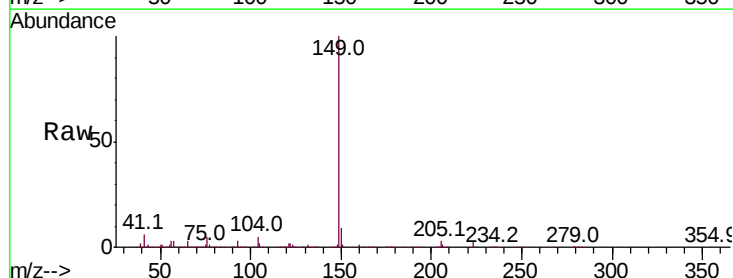
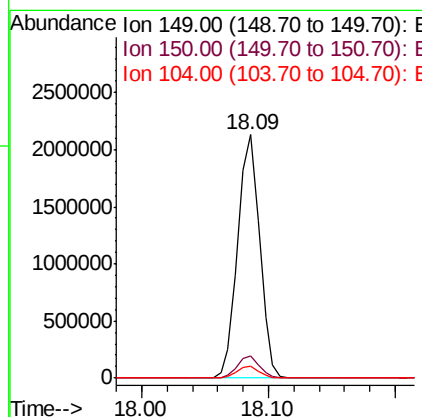
RT: 18.09 min Scan# 2550

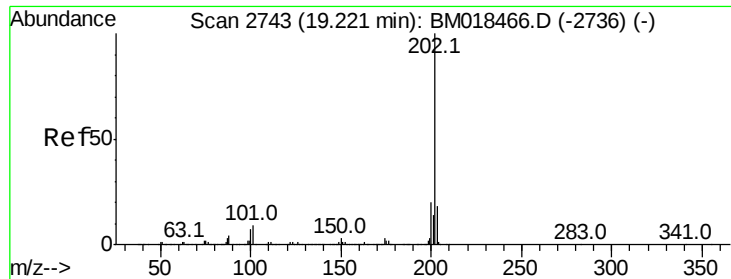
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	149	Resp:	2546905
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.7	4.2	6.4





#75

Fluoranthene

Concen: 51.049 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

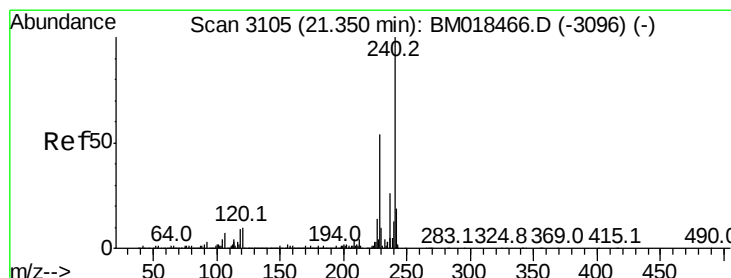
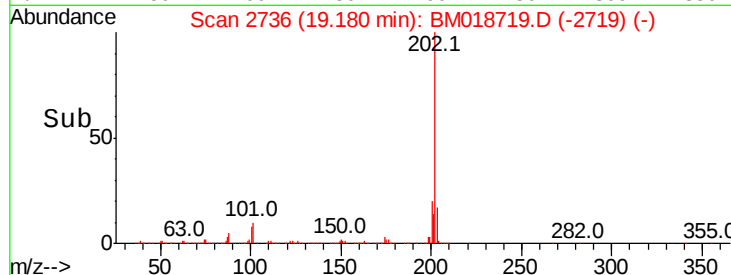
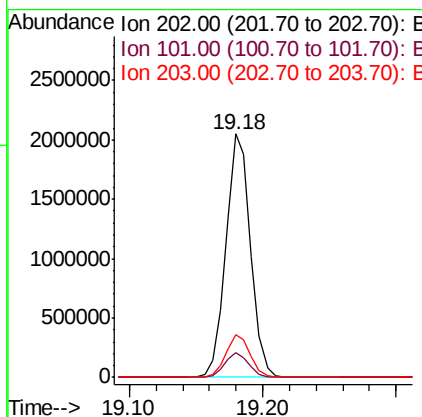
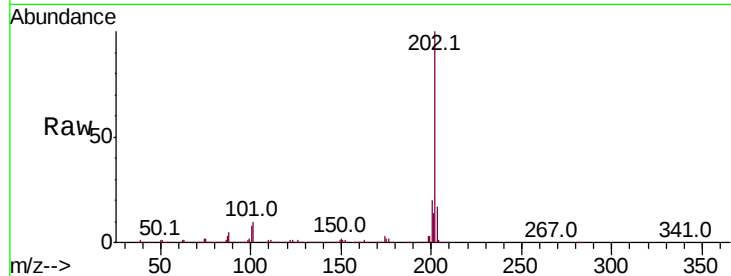
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	202	Resp:	2646555
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.9
203	17.4	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

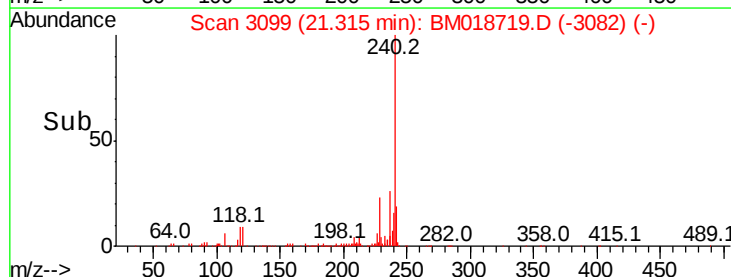
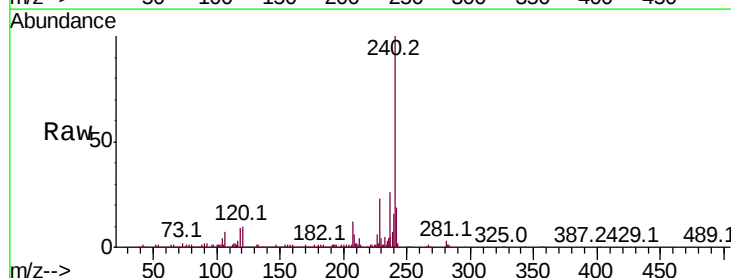
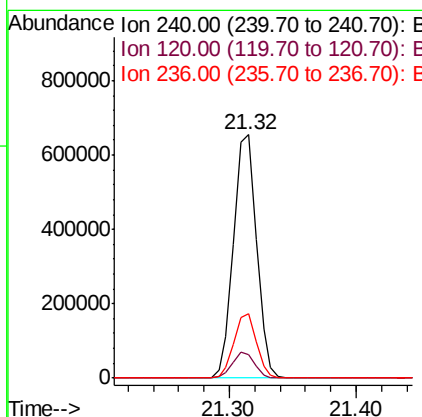
RT: 21.32 min Scan# 3099

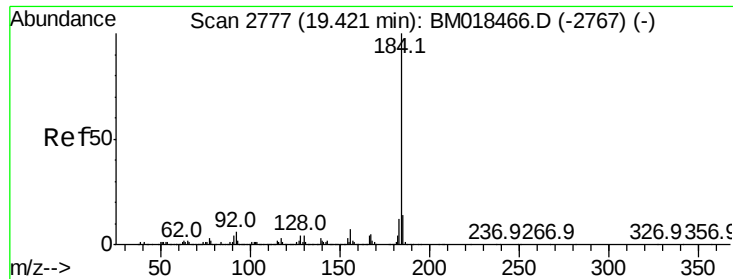
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	240	Resp:	823994
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.4	12.6
236	26.2	20.7	31.1





#77

Benzidine

Concen: 26.540 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

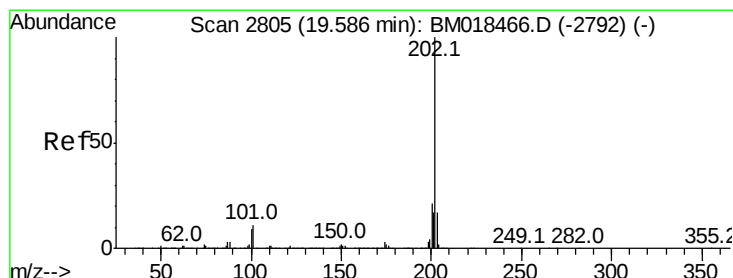
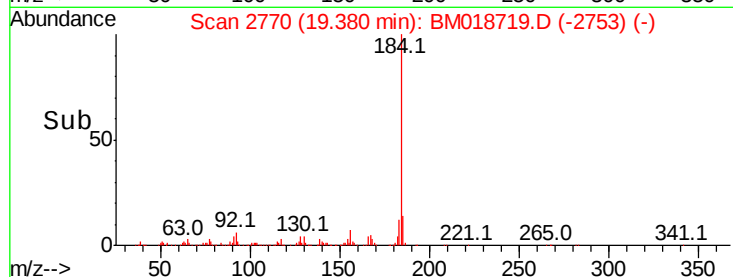
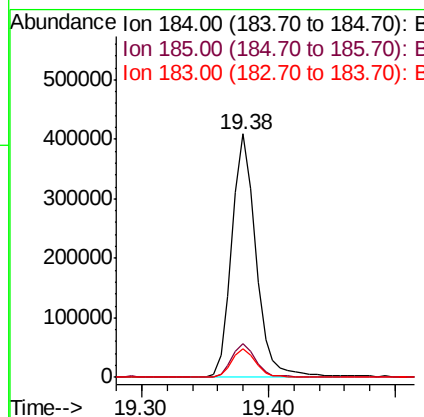
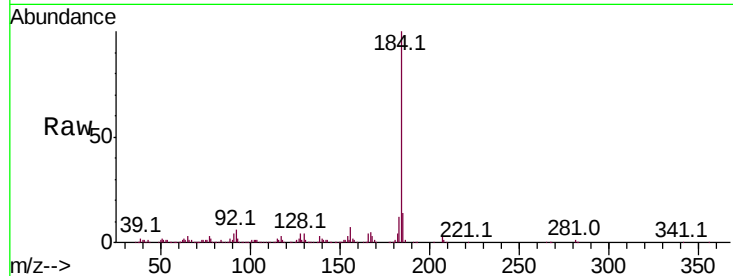
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	184	Resp:	539964
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.4	17.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 56.006 ng

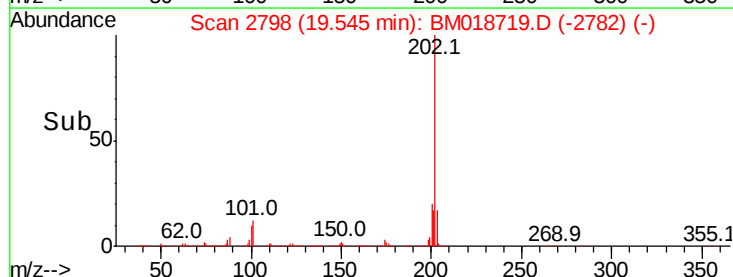
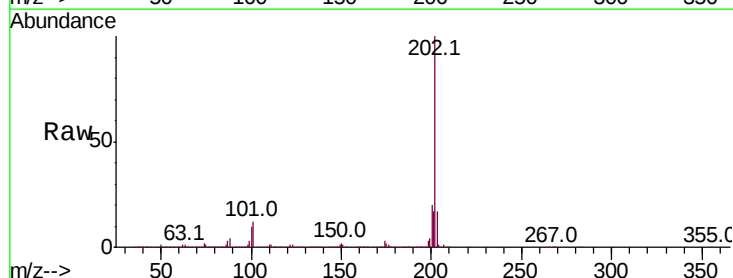
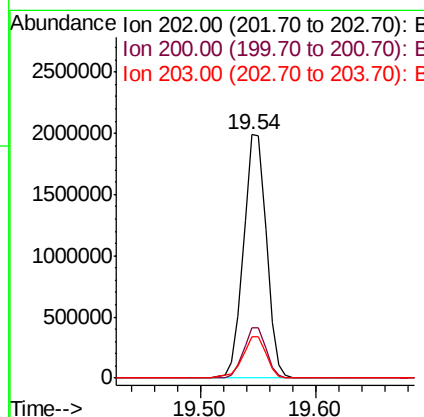
RT: 19.54 min Scan# 2798

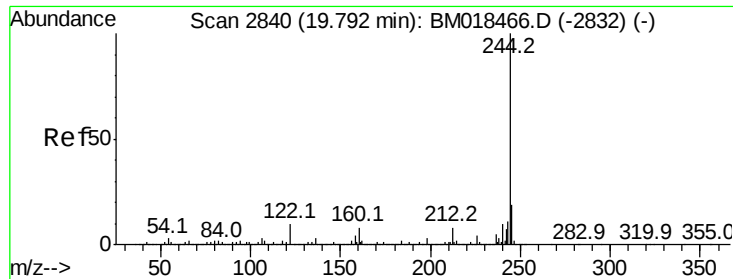
Delta R.T. -0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	202	Resp:	2735470
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	17.1	13.8	20.8





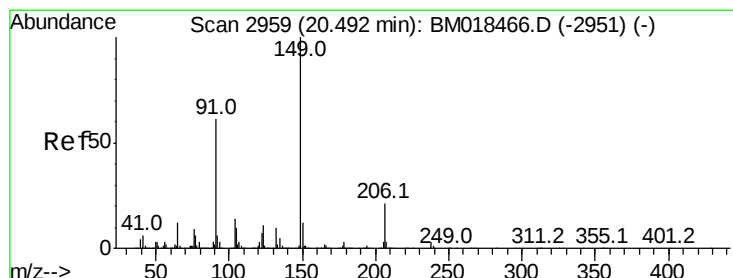
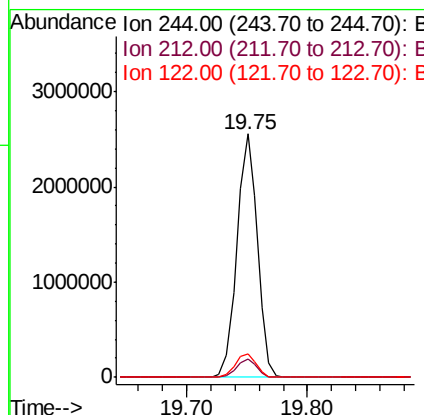
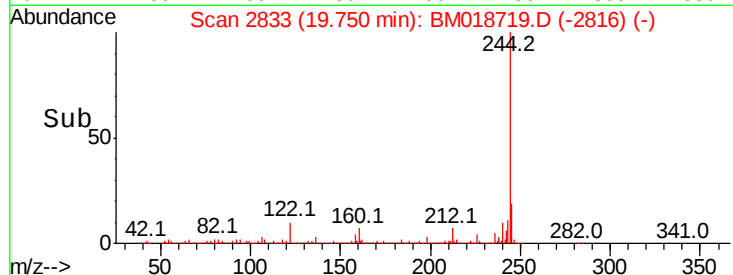
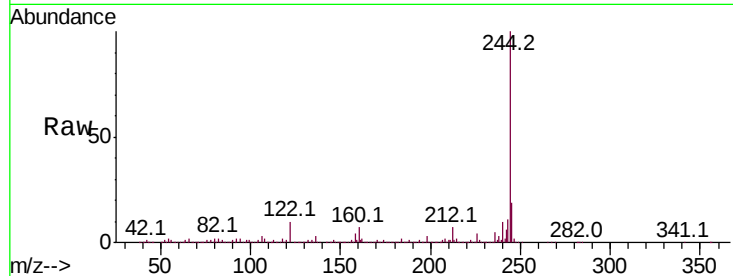
#79
 Terphenyl-d14
 Concen: 77.226 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

Tot Ion:	244	Resp:	3018617
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.9	9.0	13.4

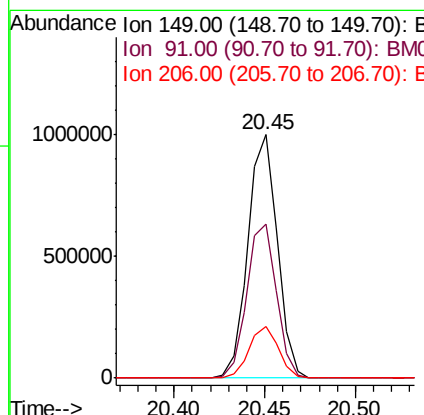
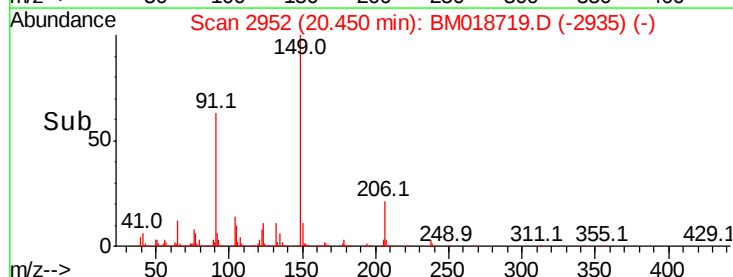
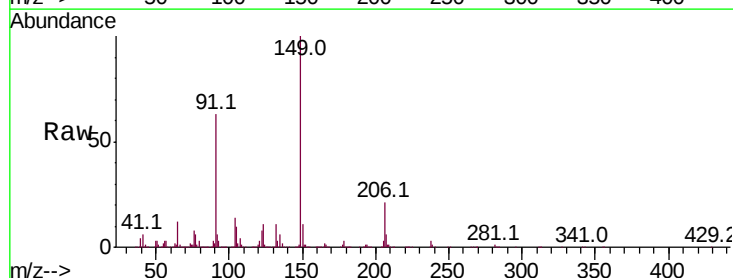
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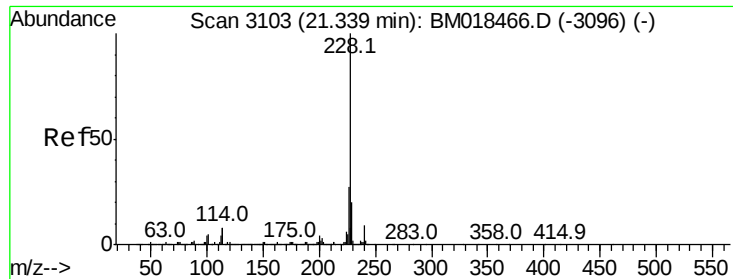
mohammad
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#80
 Butylbenzylphthalate
 Concen: 54.036 ng
 RT: 20.45 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion:	149	Resp:	1126193
Ion	Ratio	Lower	Upper
149	100		
91	63.4	53.1	79.7
206	21.4	16.2	24.4





#81

Benzo(a)anthracene

Concen: 53.974 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:228 Resp: 2620048

Ion Ratio Lower Upper

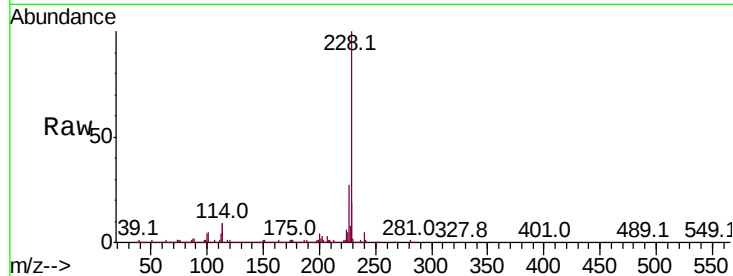
228 100

226 26.7 21.8 32.6

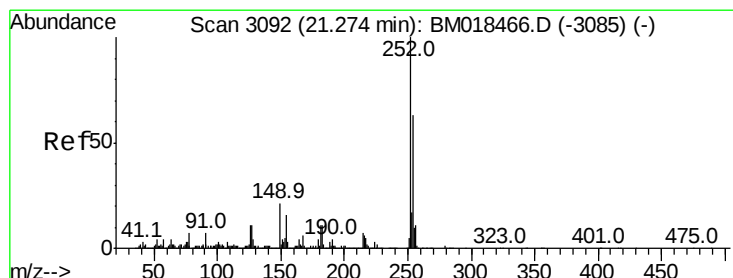
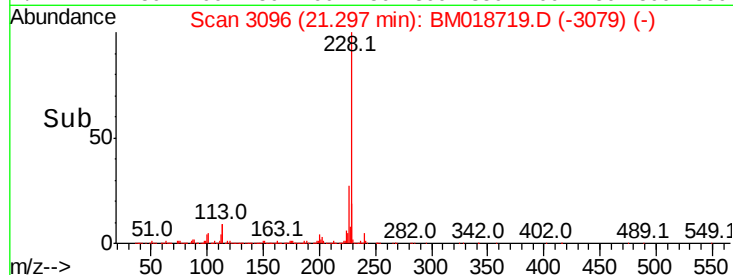
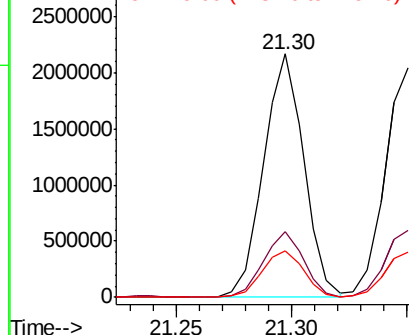
229 19.4 15.8 23.8

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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



#82

3,3'-Dichlorobenzidine

Concen: 39.014 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:252 Resp: 716152

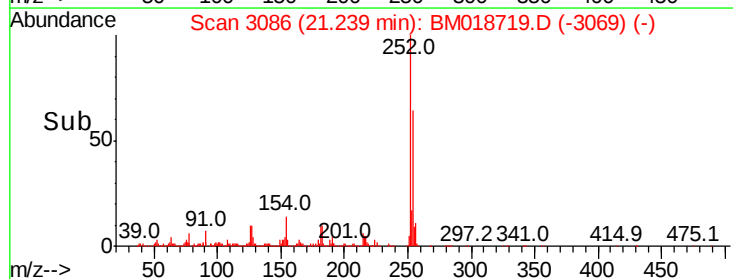
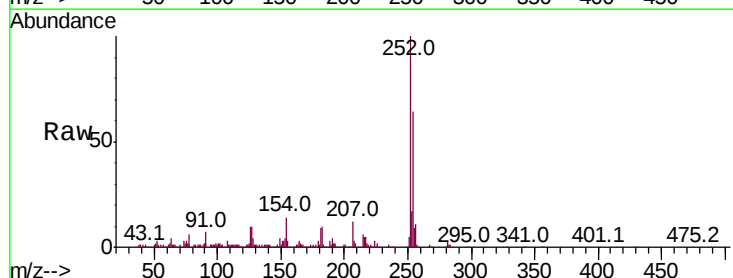
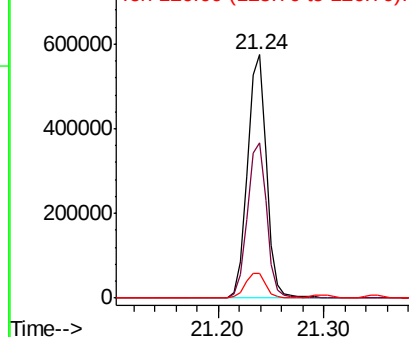
Ion Ratio Lower Upper

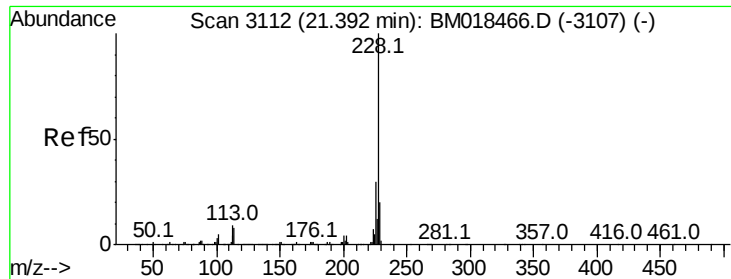
252 100

254 63.6 51.4 77.0

126 9.9 8.7 13.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





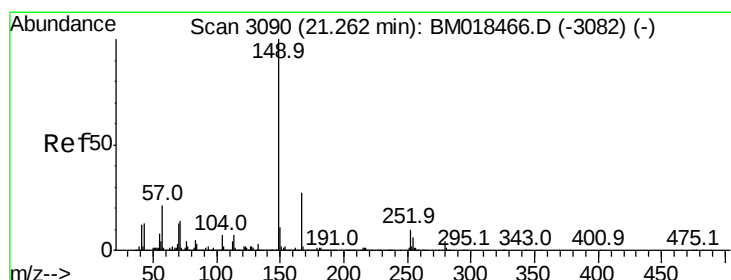
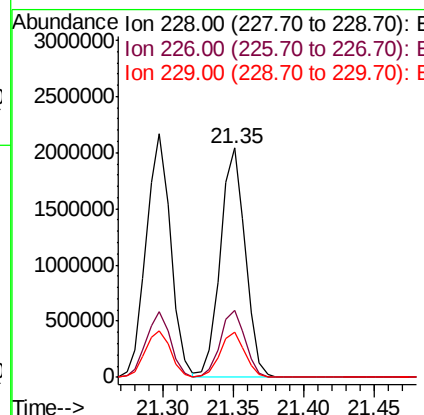
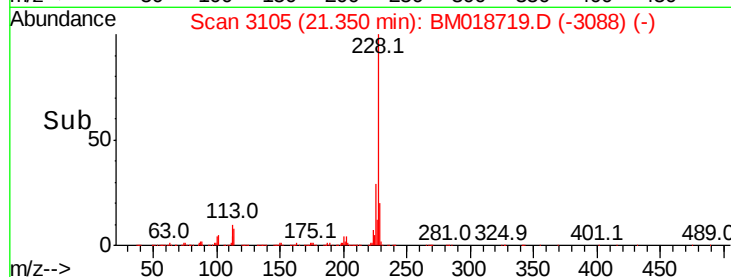
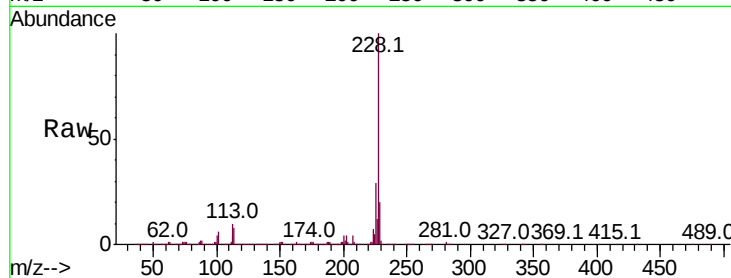
#83
Chrysene
Concen: 53.137 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion:228 Resp: 2490840
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.2
229 19.7 15.6 23.4

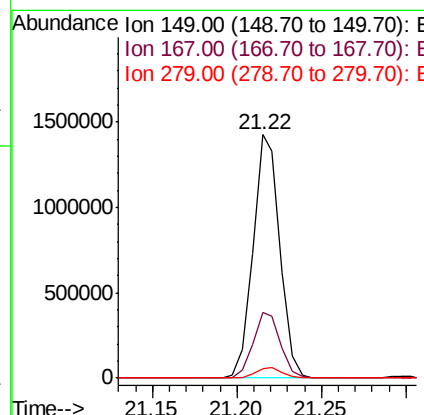
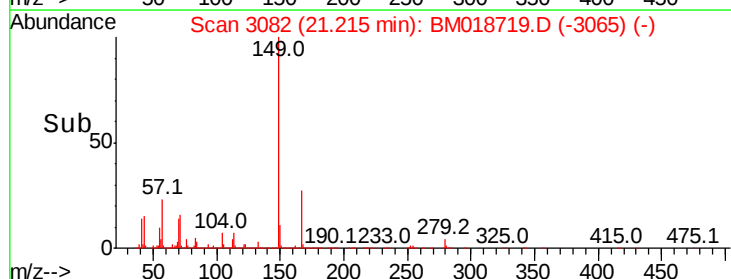
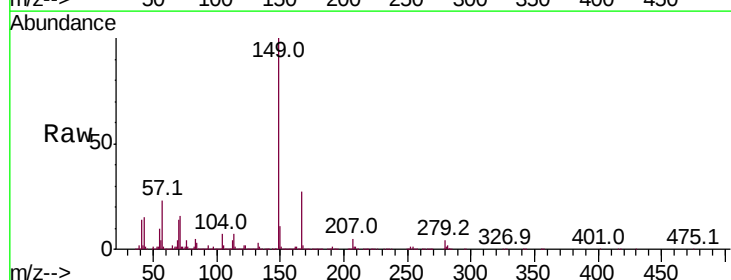
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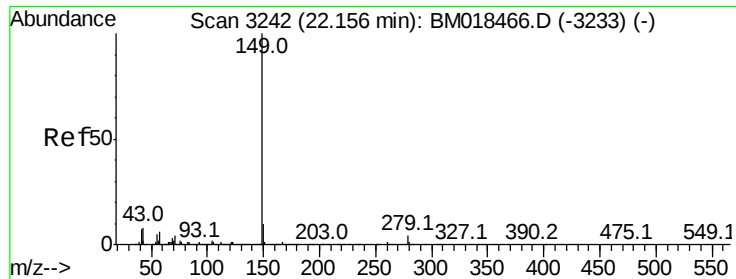
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.169 ng
RT: 21.22 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:149 Resp: 1570026
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 3.9 3.3 4.9





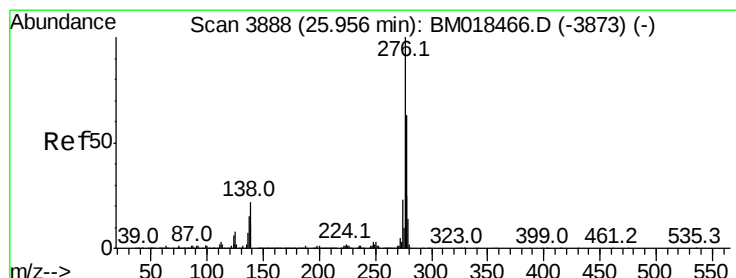
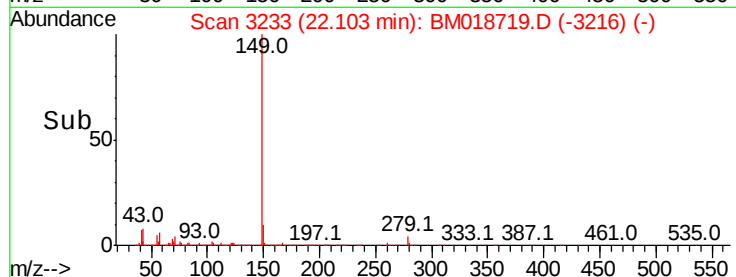
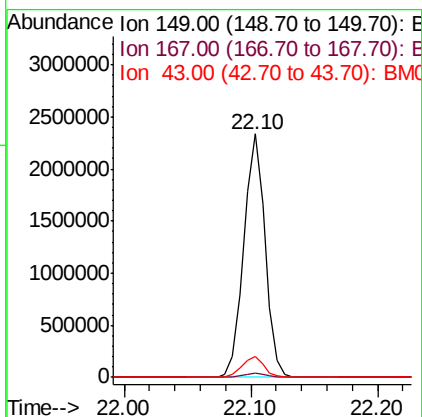
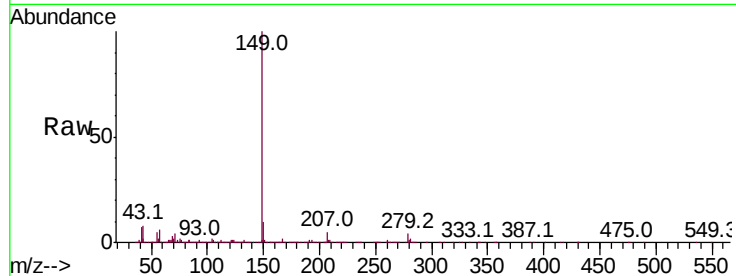
#85
Di-n-octyl phthalate
Concen: 53.427 ng
RT: 22.10 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.7	8.6	12.8

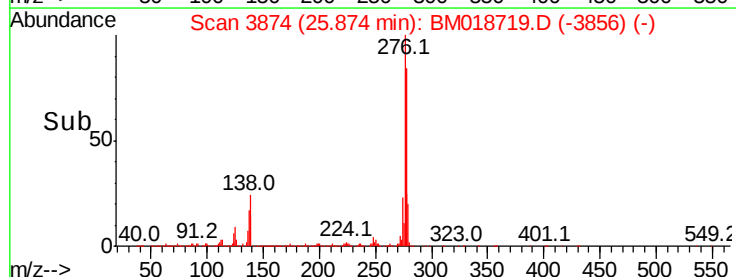
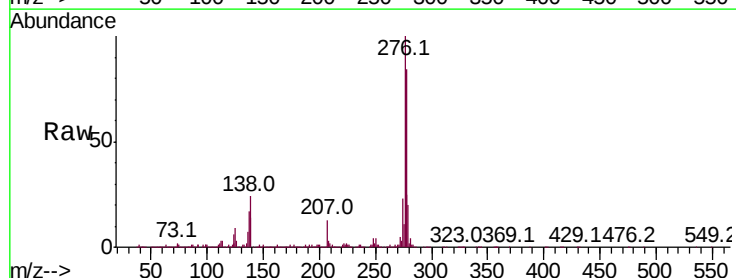
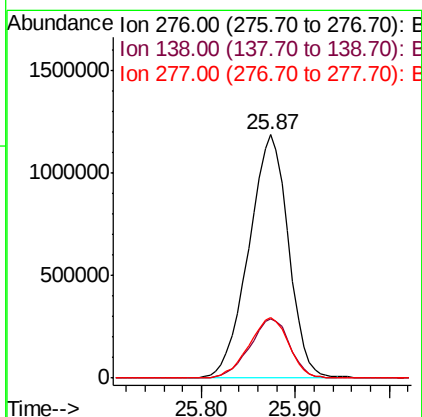
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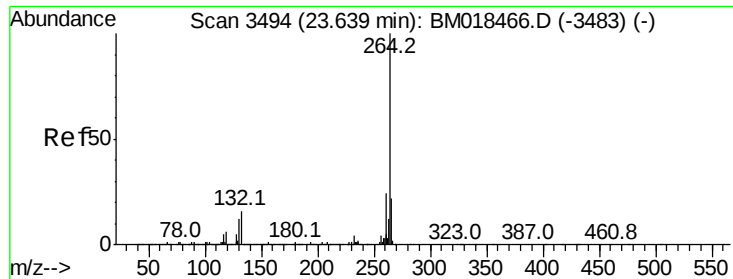
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 63.967 ng
RT: 25.87 min Scan# 3874
Delta R.T. 0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.5	32.3
277	25.2	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

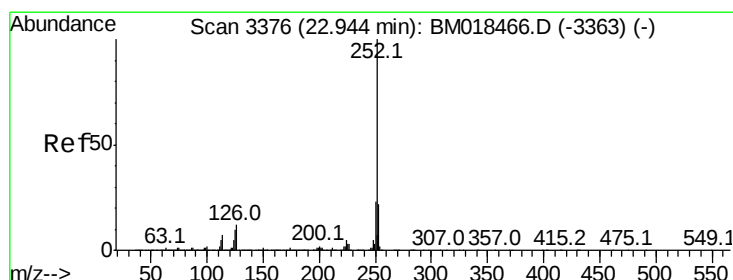
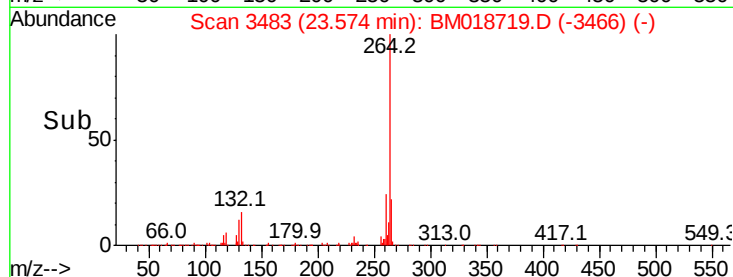
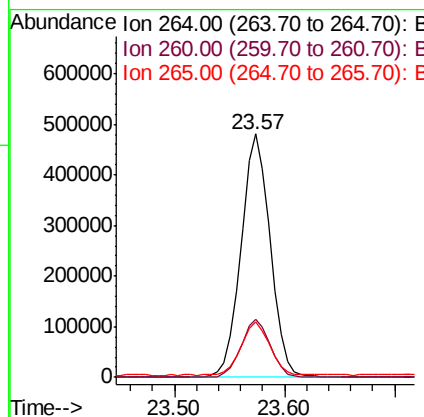
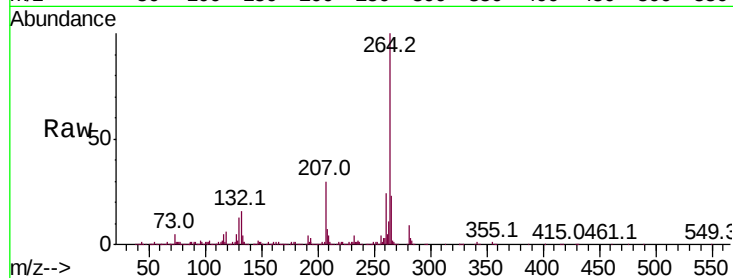
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot Ion:	264	Resp:	893200
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.9	28.3
265	23.0	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 53.074 ng

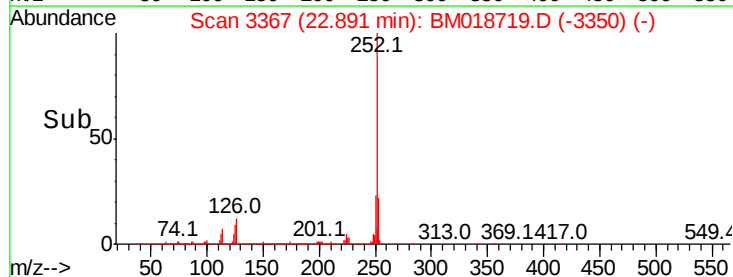
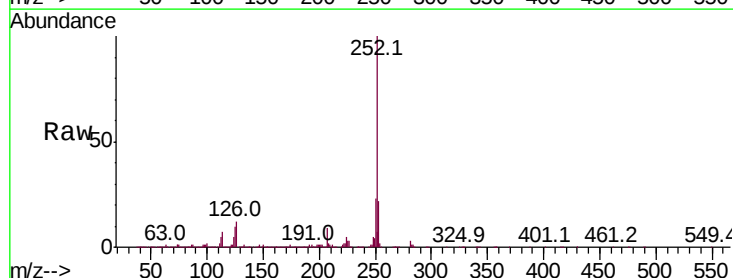
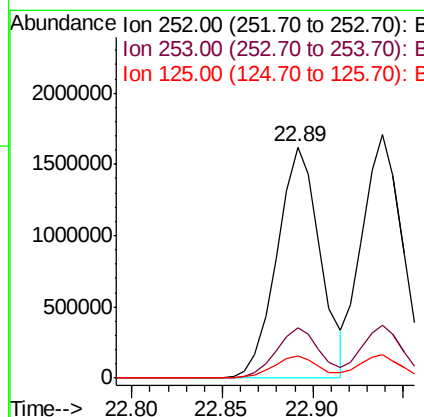
RT: 22.89 min Scan# 3367

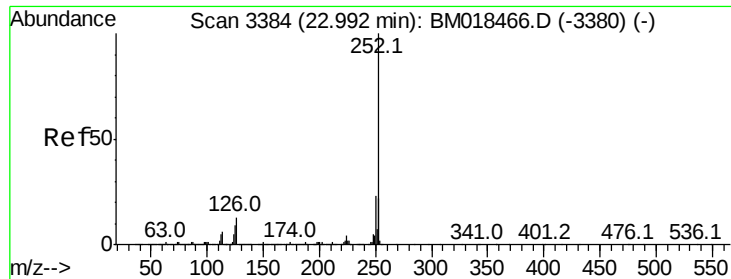
Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:	252	Resp:	2691319
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	9.6	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 51.547 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

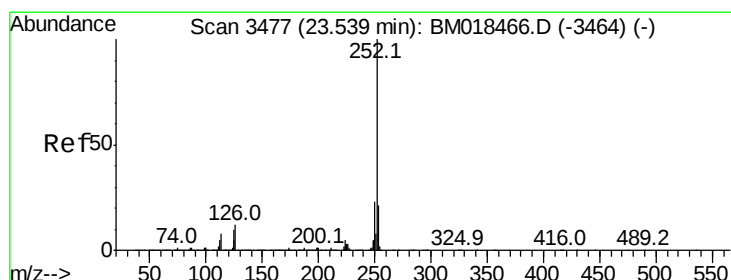
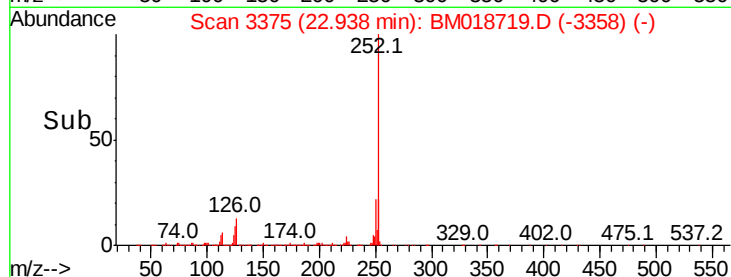
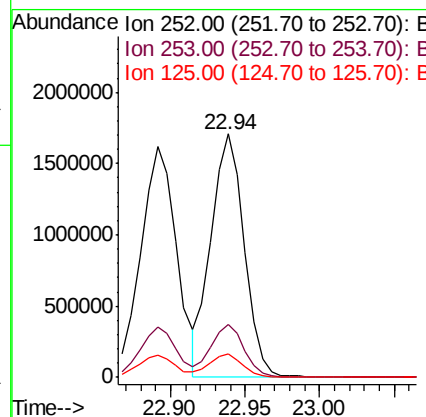
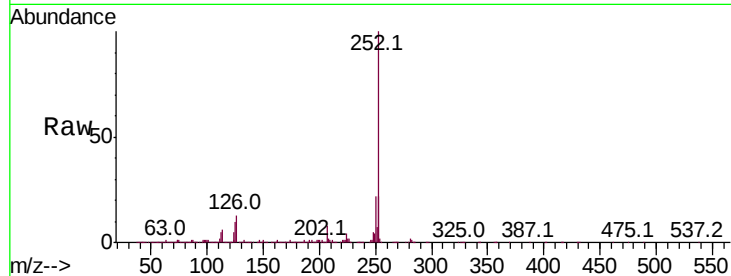
ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tot	Ion:252	Resp: 2634241	
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	9.6	8.6	12.8

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#90

Benzo(a)pyrene

Concen: 55.743 ng

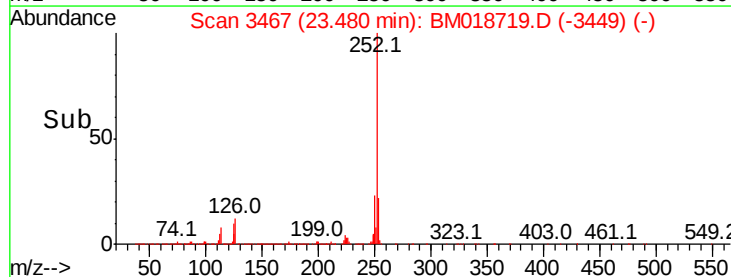
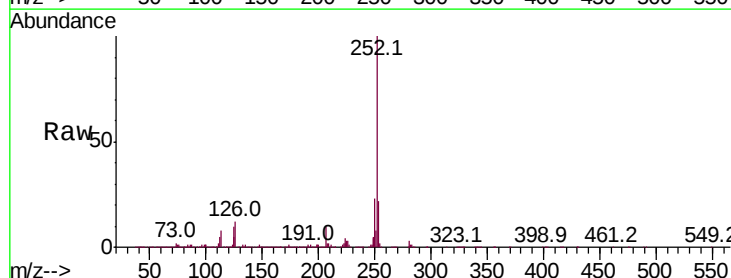
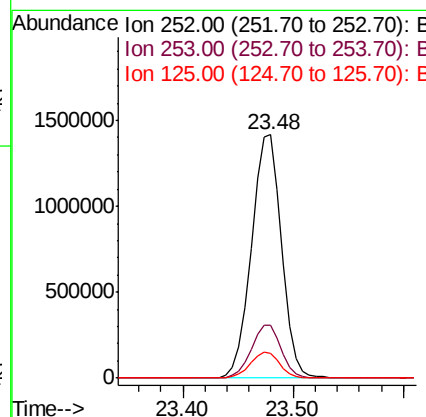
RT: 23.48 min Scan# 3467

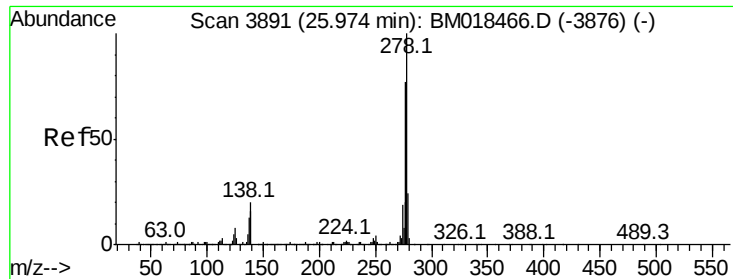
Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt	Ion:252	Resp: 2706110	
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.1	9.7	14.5





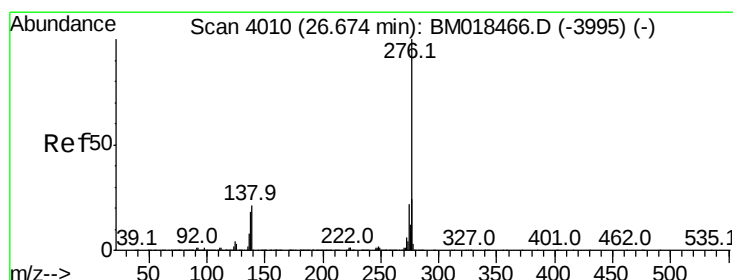
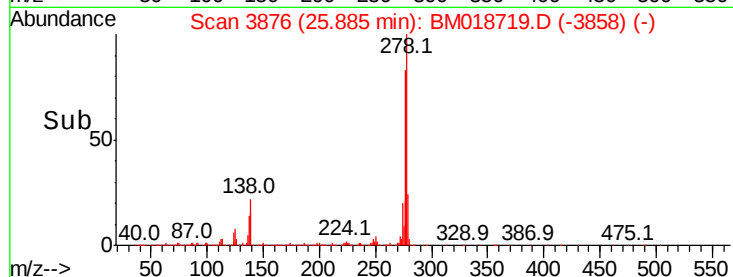
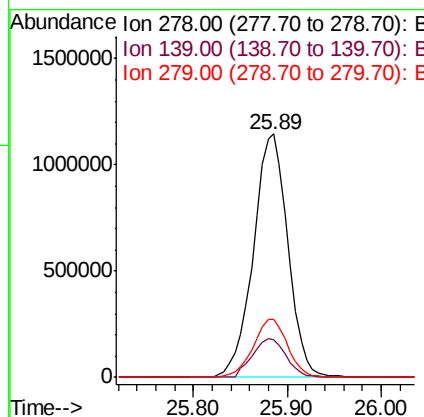
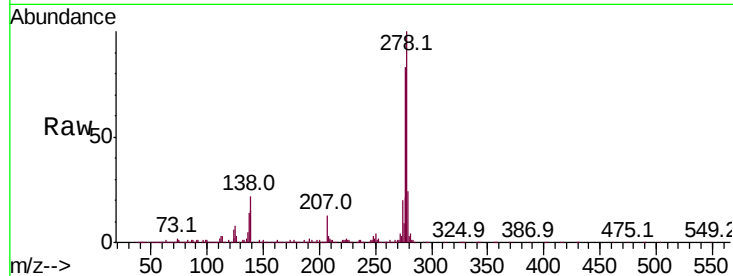
#91
Dibenzo(a,h)anthracene
Concen: 59.199 ng
RT: 25.89 min Scan# 3876
Delta R.T. 0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.2	19.8
279	23.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
2/5/2019 8:41:09 AM



#92
Benzo(g,h,i)perylene
Concen: 61.107 ng
RT: 26.58 min Scan# 3994
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.4	18.1	27.1

