

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018718.D
 Acq On : 04 Feb 2019 14:47
 Operator : JU/SJ
 Sample : K1361-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 2/5/2019 8:41:05 AM

Quant Time: Feb 04 15:25:01 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	221869	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	829263	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	420256	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	851968	20.00	ng	0.00
76) Chrysene-d12	21.31	240	828283	20.00	ng	0.00
87) Perylene-d12	23.57	264	892874	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1039841	86.54	ng	0.00
7) Phenol-d6	6.89	99	1387317	90.90	ng	0.00
23) Nitrobenzene-d5	8.89	82	855365	59.80	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	415264	77.60	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	1993576	61.90	ng	0.00
79) Terphenyl-d14	19.75	244	2394794	60.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	143155	29.232	ng	97
3) Pyridine	3.73	79	5570m	0.456	ng	
4) n-Nitrosodimethylamine	3.58	42	183175	36.280	ng	# 92
6) Aniline	7.06	93	35334	2.076	ng	92
8) 2-Chlorophenol	7.29	128	480371	34.231	ng	95
9) Benzaldehyde	6.88	77	289148	30.892	ng	96
10) Phenol	6.92	94	622438	40.136	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	416608	34.189	ng	95
12) 1,3-Dichlorobenzene	7.60	146	564100	33.753	ng	99
13) 1,4-Dichlorobenzene	7.75	146	569351	33.612	ng	99
14) 1,2-Dichlorobenzene	8.07	146	543278	33.824	ng	99
15) Benzyl Alcohol	7.97	79	375809	34.094	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	547167	35.137	ng	96
17) 2-Methylphenol	8.16	107	373689	35.499	ng	99
18) Hexachloroethane	8.78	117	198384	32.847	ng	98
19) n-Nitroso-di-n-propylamine	8.53	70	312112	31.426	ng	93
20) 3+4-Methylphenols	8.49	107	492848	33.915	ng	99
22) Acetophenone	8.55	105	658630	32.107	ng	# 97
24) Nitrobenzene	8.93	77	486490	34.564	ng	99
25) Isophorone	9.45	82	817782	37.753	ng	99
26) 2-Nitrophenol	9.63	139	180865	26.575	ng	96
27) 2,4-Dimethylphenol	9.69	122	419138	41.088	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	527860	35.275	ng	99
29) 2,4-Dichlorophenol	10.16	162	389946	32.102	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	504014	33.429	ng	100
31) Naphthalene	10.56	128	1476701	36.975	ng	99
32) Benzoic acid	9.79	122	2987m	6.878	ng	
33) 4-Chloroaniline	10.69	127	92719	5.895	ng	98
34) Hexachlorobutadiene	10.82	225	303650	31.879	ng	99
35) Caprolactam	11.50	113	23545m	5.701	ng	
36) 4-Chloro-3-methylphenol	11.80	107	408185	32.030	ng	98
37) 2-Methylnaphthalene	12.17	142	1035140	36.685	ng	99
38) 1-Methylnaphthalene	12.40	142	977839	35.815	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	527454	35.891	ng	99

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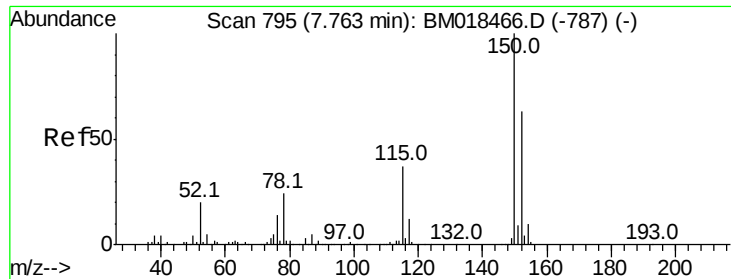
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	642589	79.670	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	289369	32.424	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	284554	30.317	ng	98
46) 1,1'-Biphenyl	13.20	154	1281285	34.917	ng	99
47) 2-Chloronaphthalene	13.24	162	997815	35.066	ng	100
48) 2-Nitroaniline	13.46	65	239460	34.205	ng	94
49) Acenaphthylene	14.09	152	1556314	37.530	ng	100
50) Dimethylphthalate	13.83	163	1353591	39.218	ng	99
51) 2,6-Dinitrotoluene	13.96	165	254002	34.743	ng	92
52) Acenaphthene	14.43	154	895096	35.278	ng	98
53) 3-Nitroaniline	14.29	138	148856	20.196	ng	95
54) 2,4-Dinitrophenol	14.50	184	30932	14.314	ng	89
55) Dibenzofuran	14.77	168	1424018	33.968	ng	100
56) 4-Nitrophenol	14.60	139	323848	50.860	ng	98
57) 2,4-Dinitrotoluene	14.75	165	337887	32.664	ng	99
58) Fluorene	15.42	166	1121772	35.920	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	214801	25.819	ng	97
60) Diethylphthalate	15.19	149	1129022	32.403	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	569374	31.633	ng	97
62) 4-Nitroaniline	15.46	138	191361	23.803	ng	97
63) Azobenzene	15.71	77	924289	32.536	ng	97
65) 4,6-Dinitro-2-methylphenol	15.50	198	70090	16.850	ng	89
66) n-Nitrosodiphenylamine	15.63	169	954822	36.130	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	333016	34.929	ng	99
68) Hexachlorobenzene	16.42	284	366886	34.374	ng	98
69) Atrazine	16.59	200	233255	24.414	ng	97
70) Pentachlorophenol	16.76	266	186047	26.616	ng	98
71) Phenanthrene	17.16	178	1681816	37.113	ng	99
72) Anthracene	17.25	178	1690510	38.794	ng	100
73) Carbazole	17.53	167	1510851	33.747	ng	99
74) Di-n-butylphthalate	18.09	149	1748802	35.661	ng	99
75) Fluoranthene	19.18	202	1858088	35.564	ng	98
77) Benzidine	19.39	184	23694	1.159	ng	96
78) Pyrene	19.54	202	1879519	38.282	ng	100
80) Butylbenzylphthalate	20.45	149	766248	36.575	ng	94
81) Benzo(a)anthracene	21.29	228	1841516	37.739	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	121187	6.568	ng	99
83) Chrysene	21.34	228	1722200	36.550	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1079255	35.676	ng	99
85) Di-n-octyl phthalate	22.10	149	1856721	36.491	ng	95
86) Indeno(1,2,3-cd)pyrene	25.86	276	2362621	43.484	ng	98
88) Benzo(b)fluoranthene	22.89	252	1828101	36.064	ng	99
89) Benzo(k)fluoranthene	22.93	252	1846071	36.137	ng	99
90) Benzo(a)pyrene	23.47	252	1847968	38.080	ng	98
91) Dibenzo(a,h)anthracene	25.88	278	1991772	40.506	ng	99
92) Benzo(g,h,i)perylene	26.57	276	1991737	41.624	ng	98

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



#1

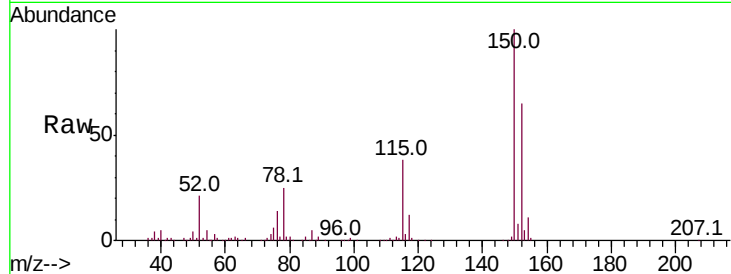
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	59.0	45.5	68.3

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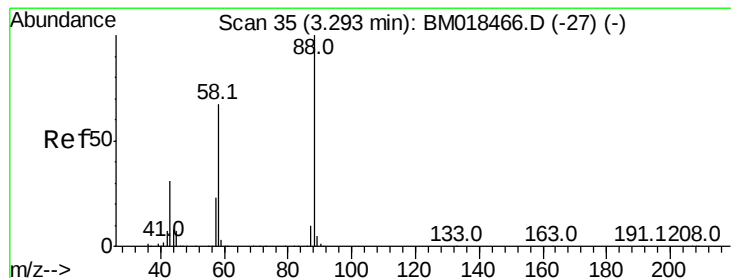
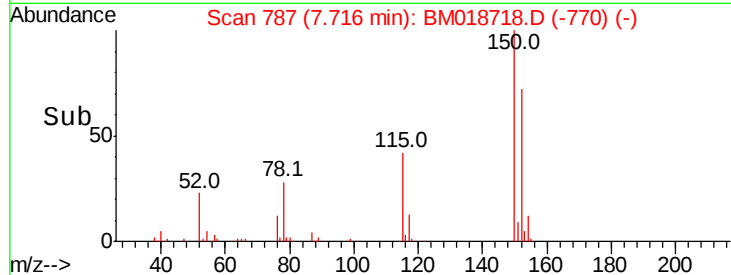
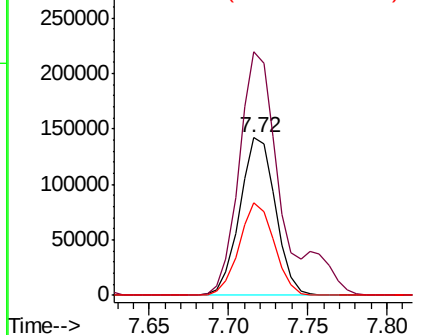


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

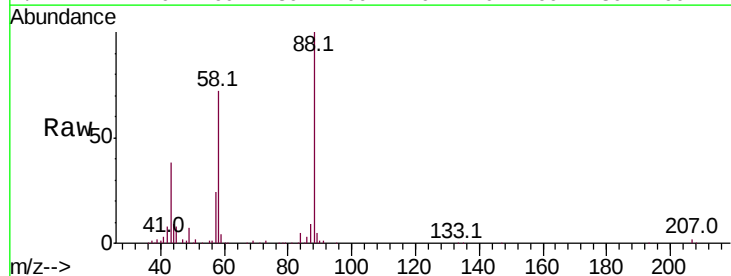
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.232 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	58.4	87.6
43	31.9	26.2	39.4

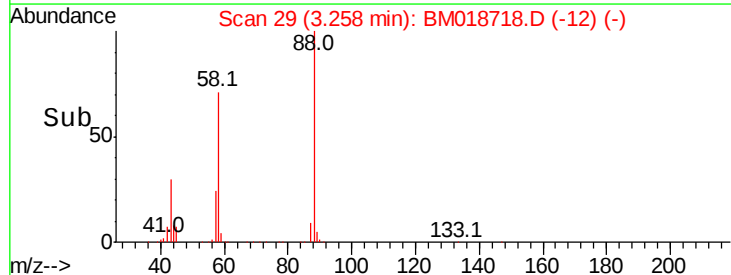
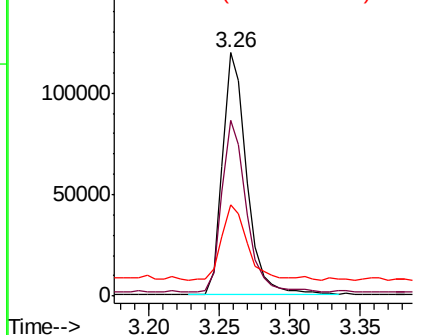


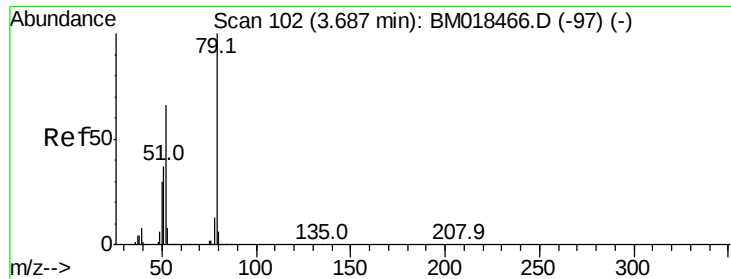
Abundance

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: 0.456 ng/ml

RT: 3.73 min Scan# 109

Delta R.T. 0.07 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

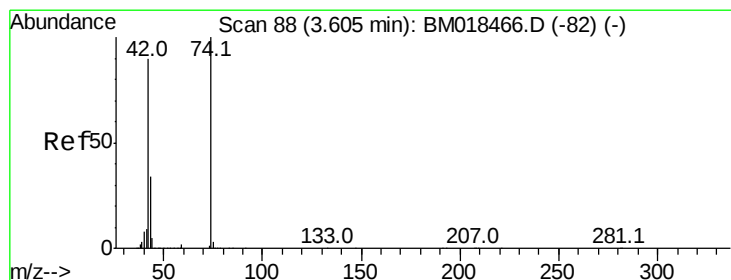
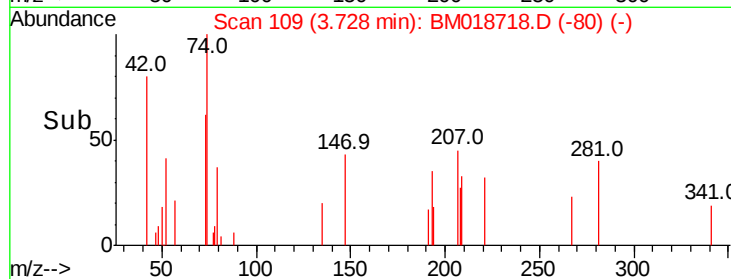
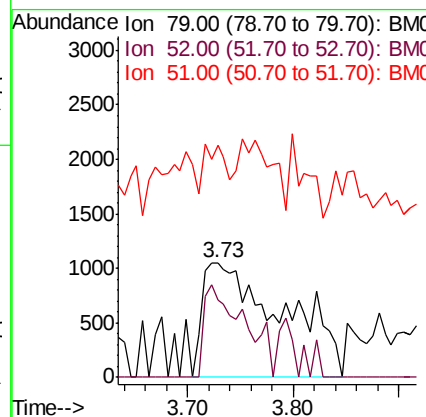
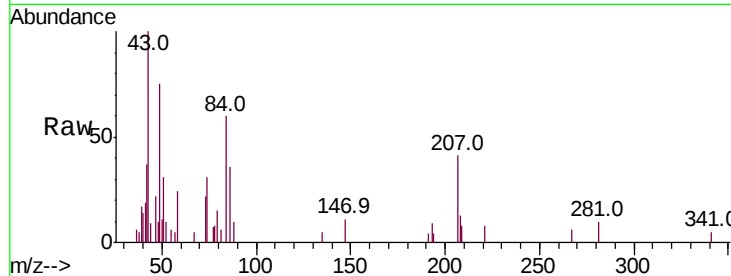
Instrument :
BNA_M

ClientSampleId :
FK-BPM-03-006-ABCDMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.7	56.4	84.6
51	201.8	31.0	46.4#

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#4

n-Nitrosodimethylamine

Concen: 36.280 ng/ml

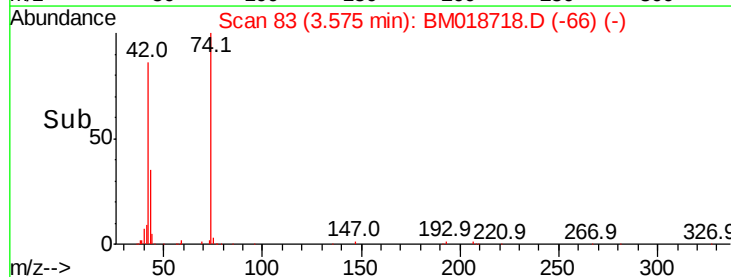
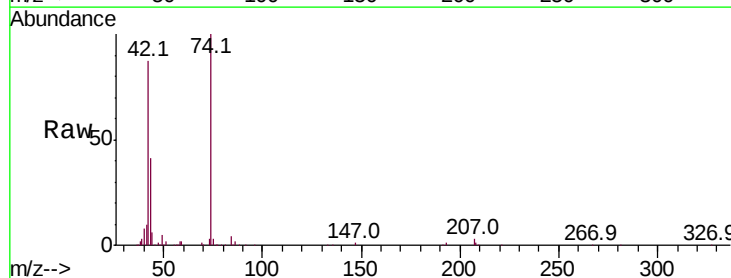
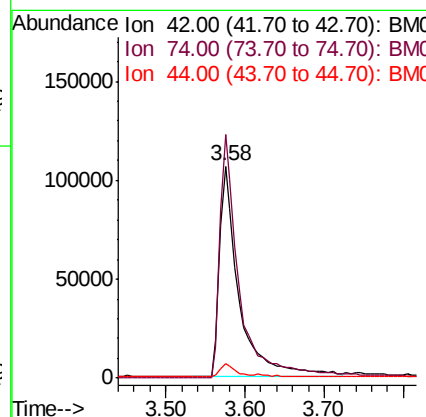
RT: 3.58 min Scan# 83

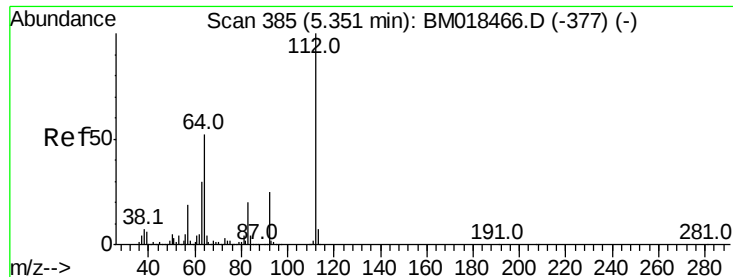
Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.9	88.6	132.8
44	6.6	16.9	25.3#





#5

2-Fluorophenol

Concen: 86.540 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

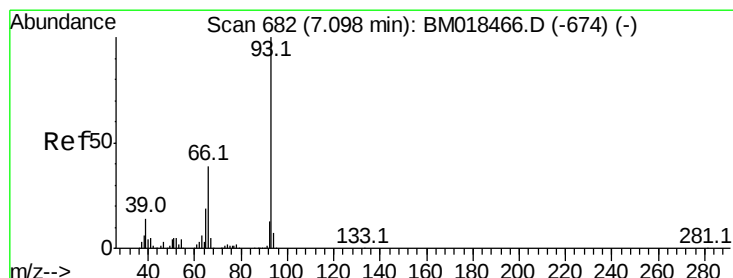
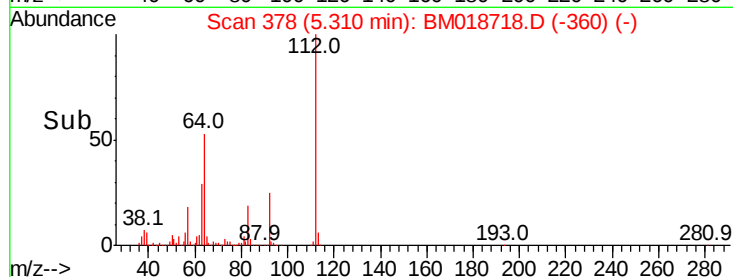
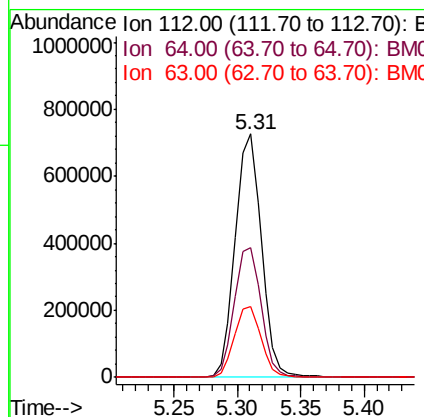
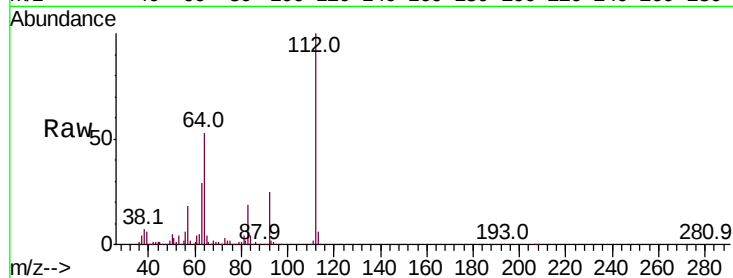
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	112	Resp:	1039841
Ion Ratio	Lower	Upper	
112	100		
64	53.4	46.5	69.7
63	29.1	25.2	37.8

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#6

Aniline

Concen: 2.076 ng

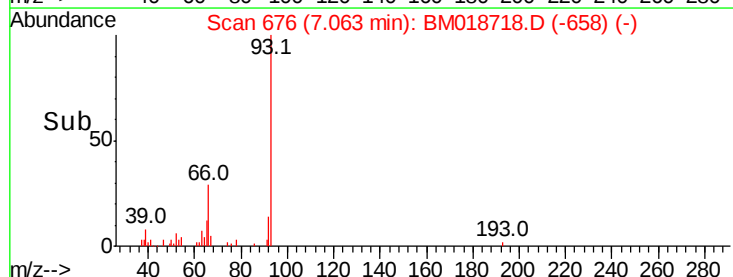
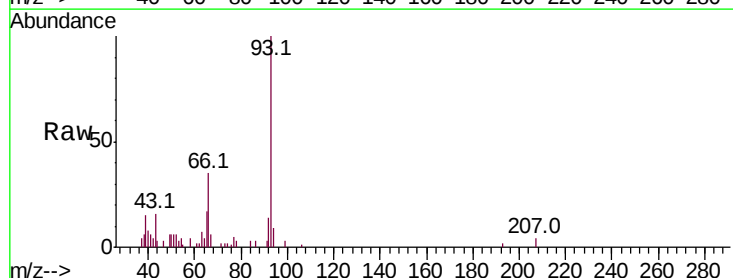
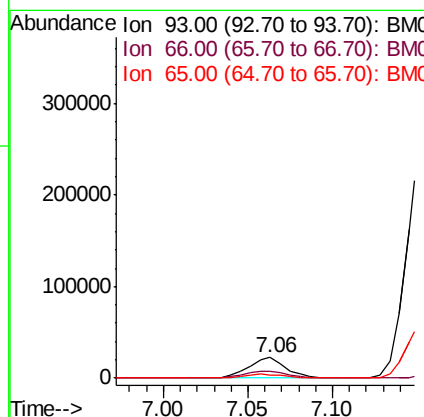
RT: 7.06 min Scan# 676

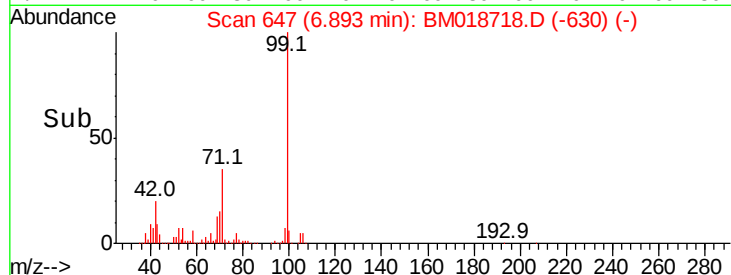
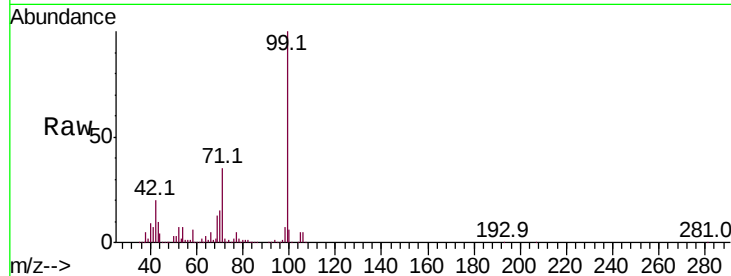
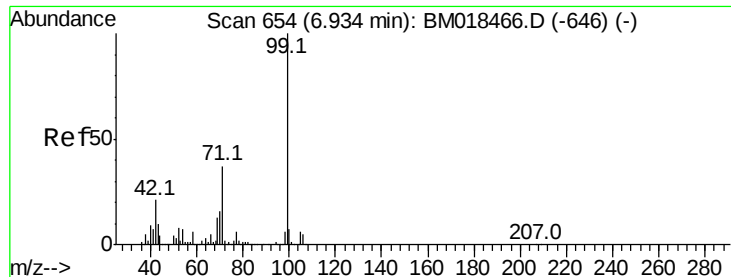
Delta R.T. 0.01 min

Lab File: BM018718.D

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Tgt Ion:	93	Resp:	35334
Ion Ratio	Lower	Upper	
93	100		
66	34.9	31.7	47.5
65	16.5	15.9	23.9





#7

Phenol-d6

Concen: 90.904 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tot Ion:	99	Resp:	1387317
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	35.1	28.0	42.0

Instrument :

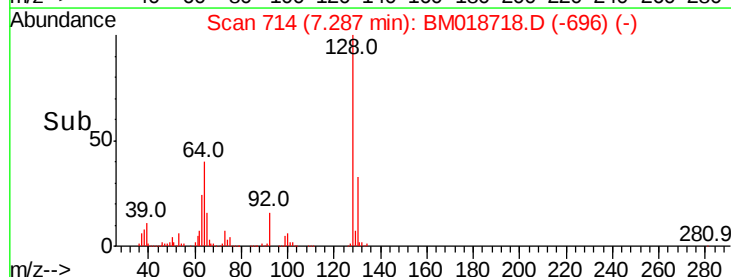
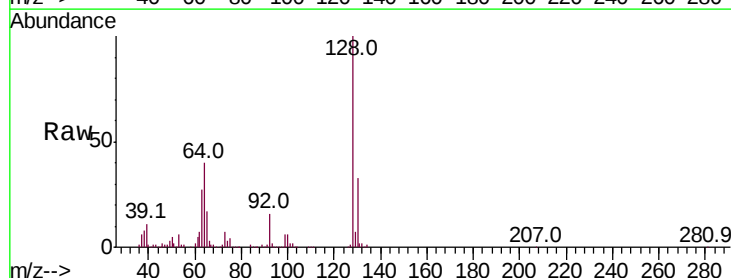
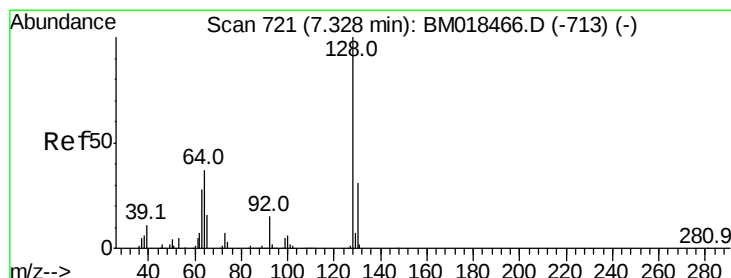
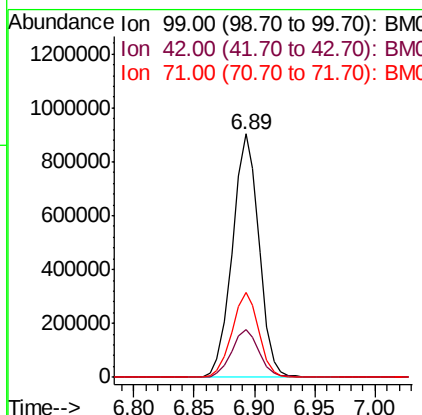
BNA_M

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#8

2-Chlorophenol

Concen: 34.231 ng

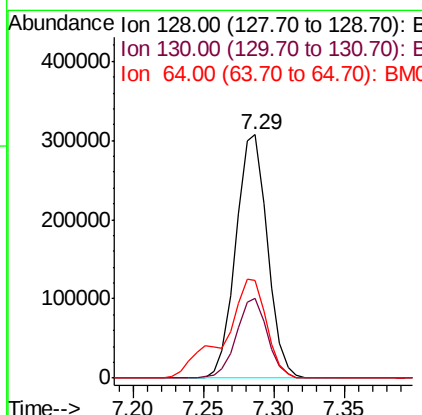
RT: 7.29 min Scan# 714

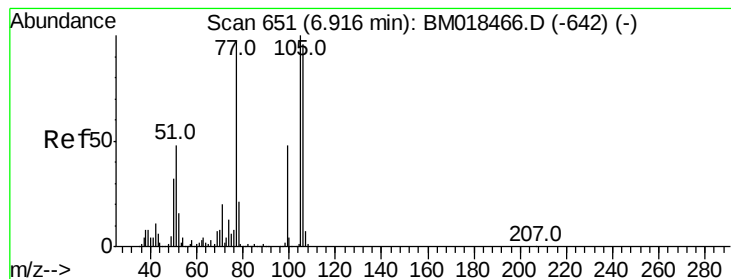
Delta R.T. 0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion:	128	Resp:	480371
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.6	53.6
64	40.0	24.8	64.8





#9

Benzaldehyde

Concen: 30.892 ng

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

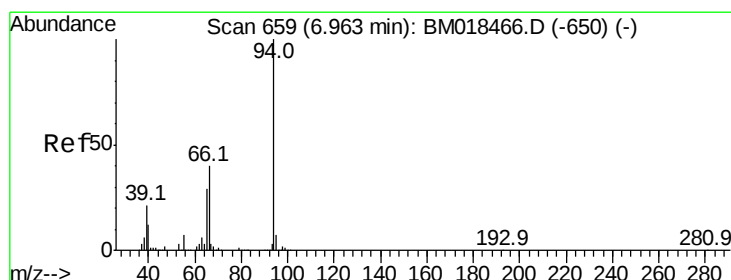
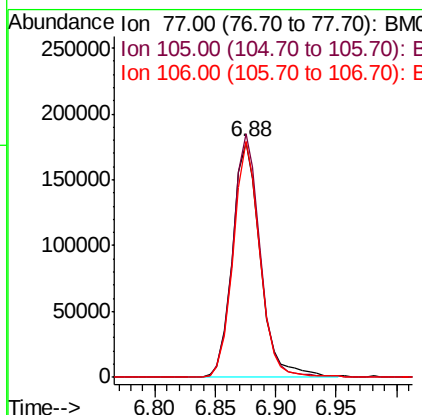
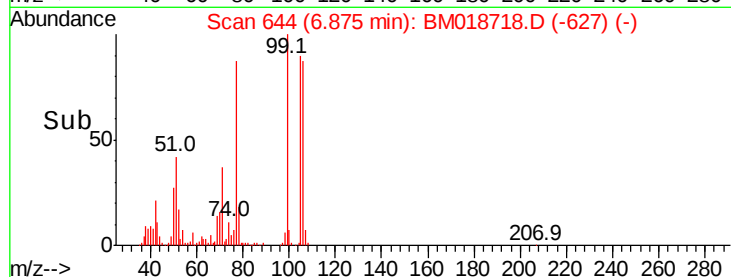
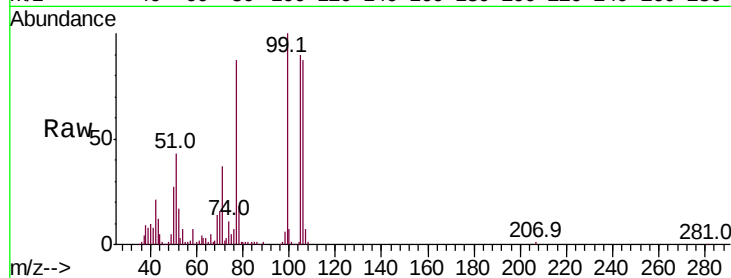
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	77	Resp:	289148
Ion	Ratio	Lower	Upper
77	100		
105	103.5	79.7	119.7
106	100.1	75.2	115.2

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#10

Phenol

Concen: 40.136 ng

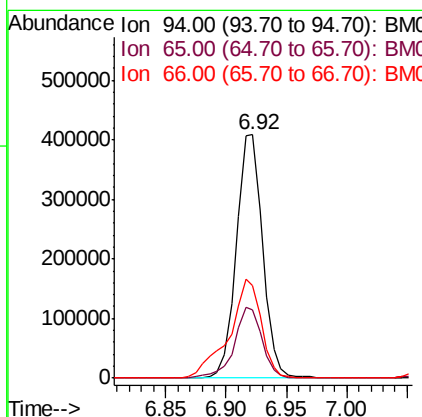
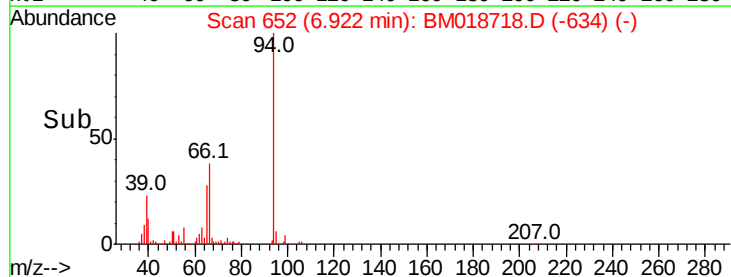
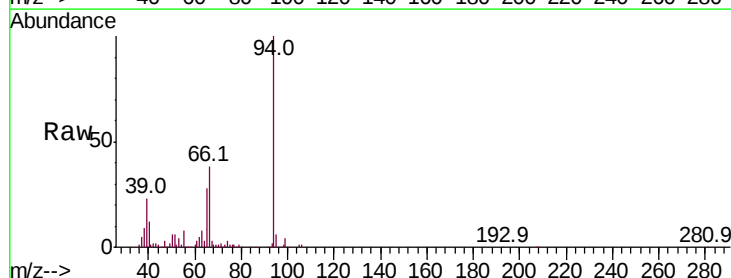
RT: 6.92 min Scan# 652

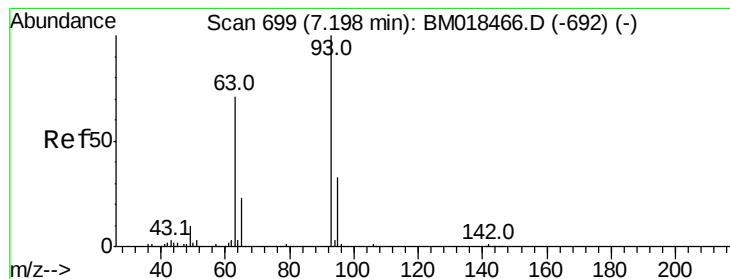
Delta R.T. 0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion:	94	Resp:	622438
Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.4	49.4
66	38.0	19.1	59.1





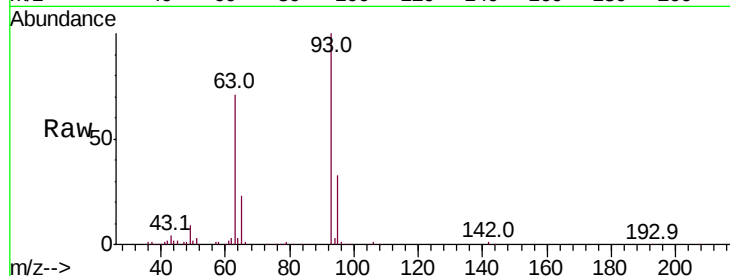
#11
bis(2-Chloroethyl)ether
Concen: 34.189 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
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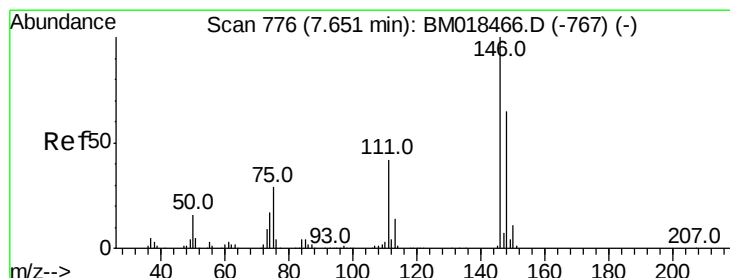
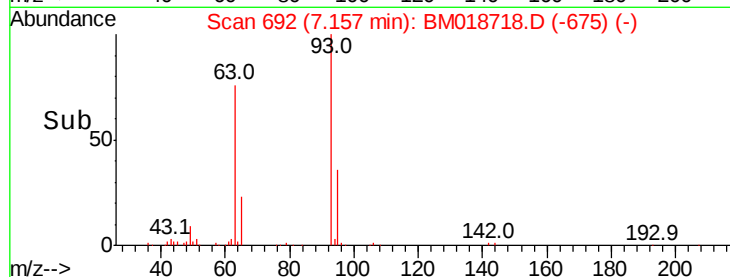
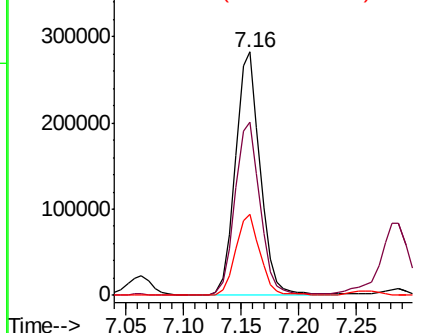
Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	70.9	56.4	96.4	
95	33.2	12.7	52.7	

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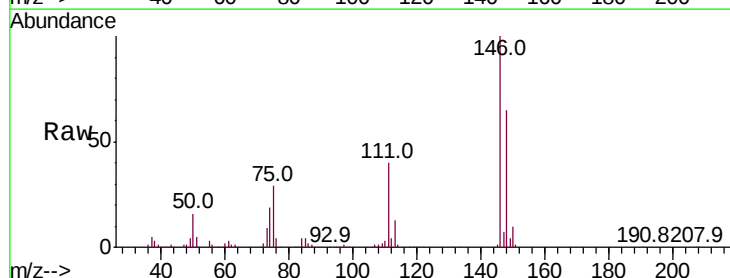


Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)
Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)
Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)

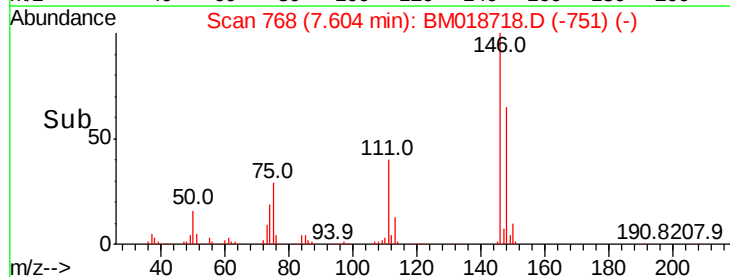
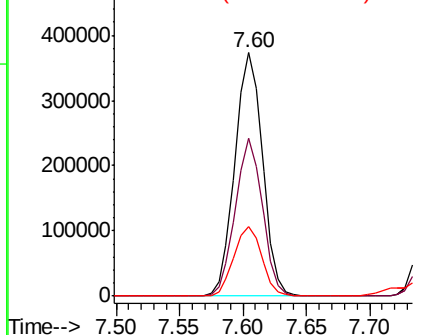


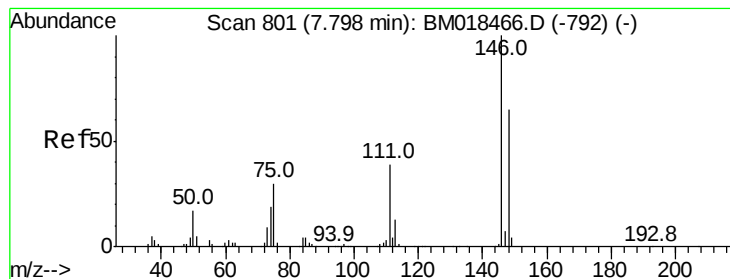
#12
1,3-Dichlorobenzene
Concen: 33.753 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.7	50.5	75.7	
75	28.6	23.0	34.6	



Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)
Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)
Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)





#13

1,4-Dichlorobenzene

Concen: 33.612 ng

RT: 7.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

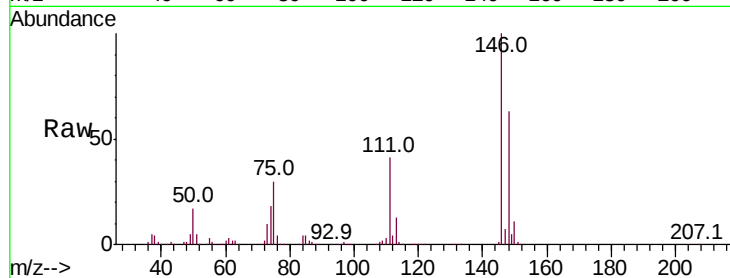
ClientSampleId :

FK-BPM-03-006-ABCDMS

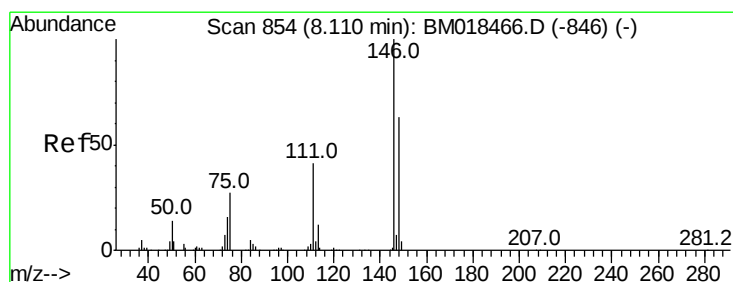
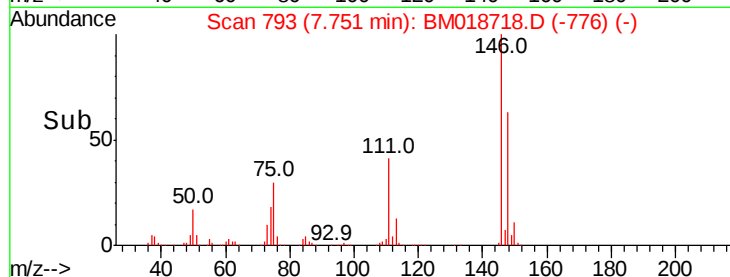
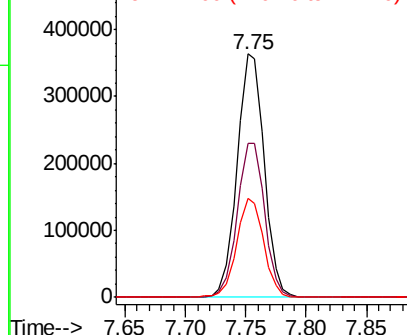
Tot Ion:	146	Resp:	569351
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
111	40.8	32.2	48.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.824 ng

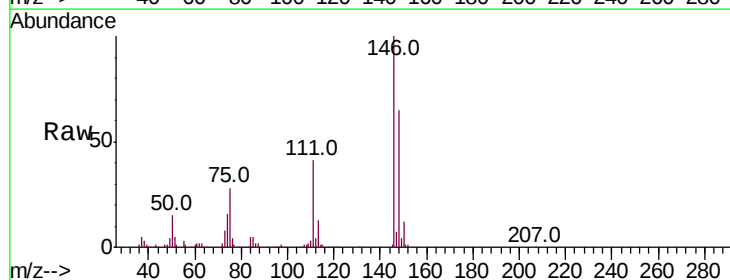
RT: 8.07 min Scan# 847

Delta R.T. 0.00 min

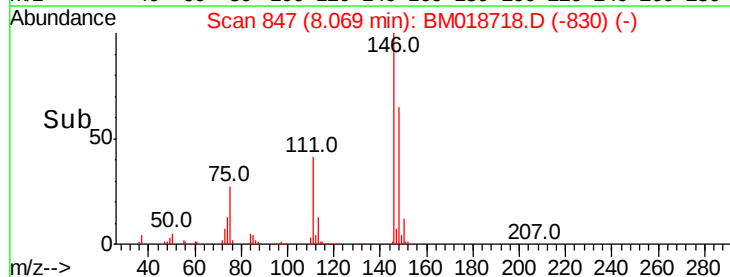
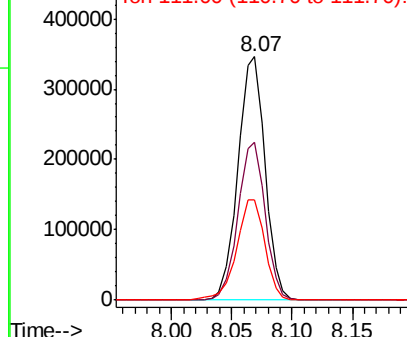
Lab File: BM018718.D

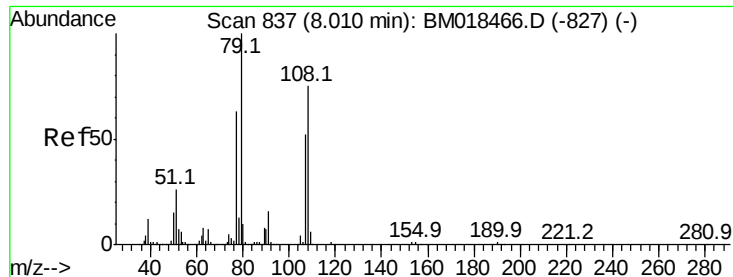
Acq: 04 Feb 2019 14:47

Tgt Ion:	146	Resp:	543278
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.0	76.6
111	41.3	33.8	50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.094 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

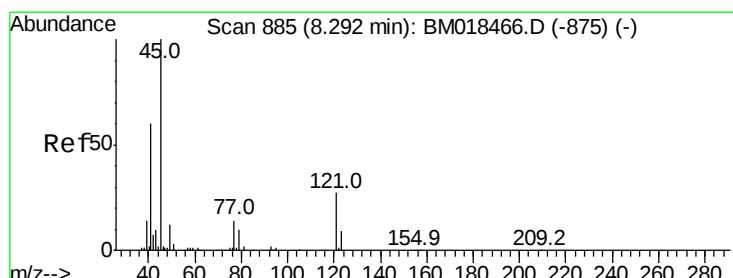
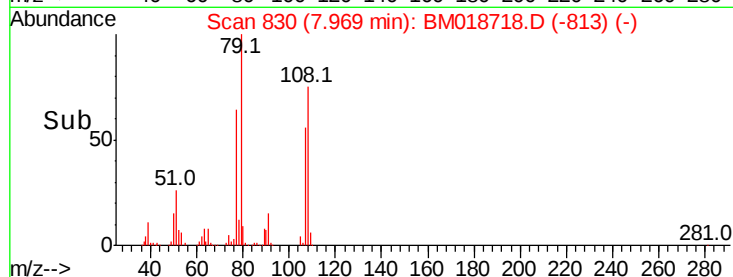
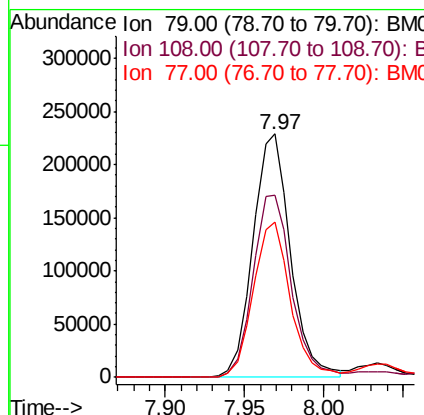
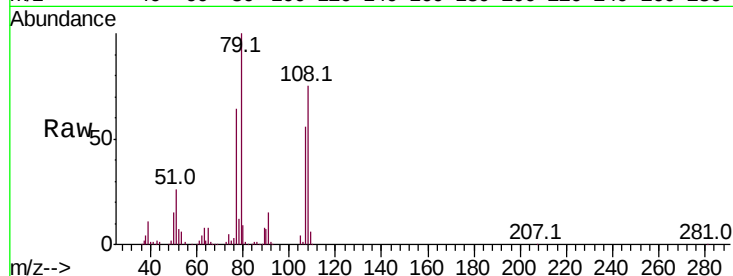
ClientSampleId :

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Tot Ion:	79	Resp:	375809
Ion Ratio	Lower	Upper	
79	100		
108	74.8	60.4	90.6
77	64.0	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.137 ng

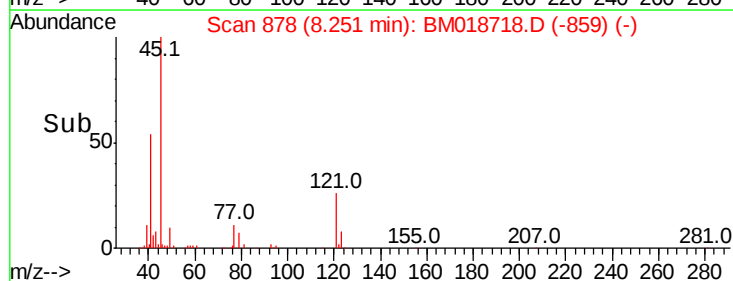
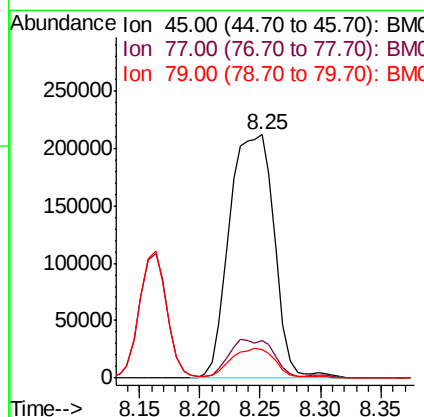
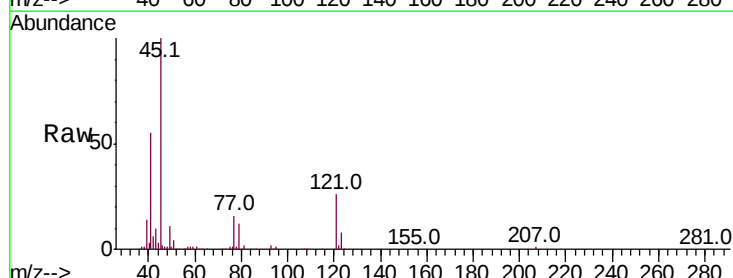
RT: 8.25 min Scan# 878

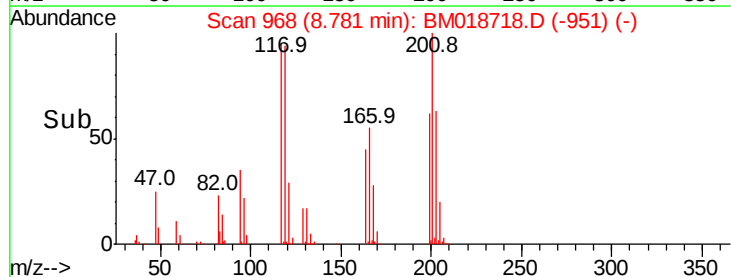
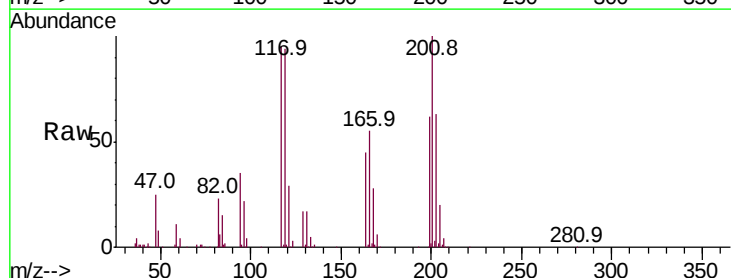
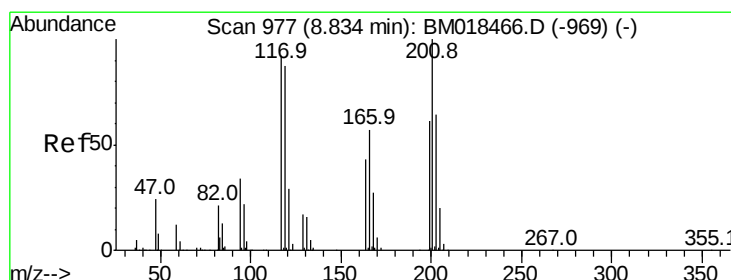
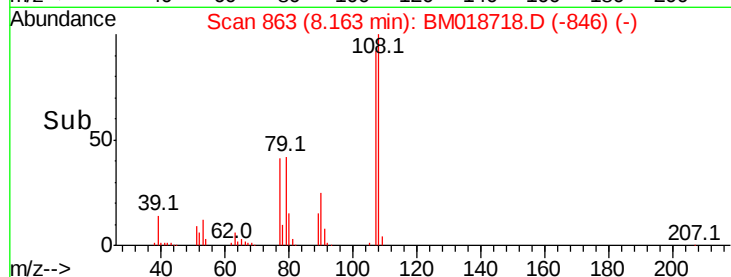
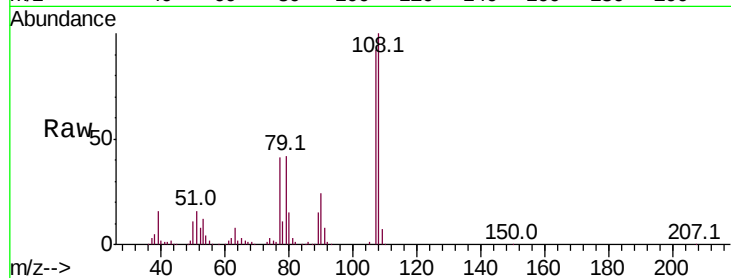
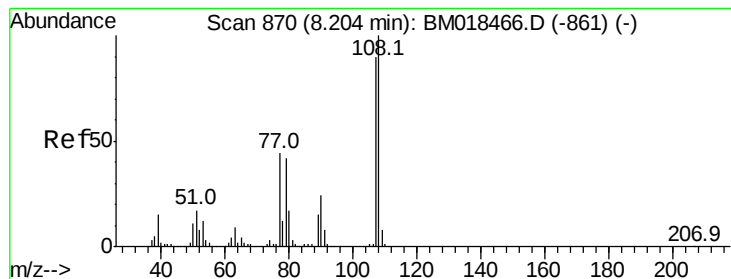
Delta R.T. 0.01 min

Lab File: BM018718.D

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Tgt Ion:	45	Resp:	547167
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	33.4
79	12.0	0.0	31.1





#17

2-Methylphenol

Concen: 35.499 ng

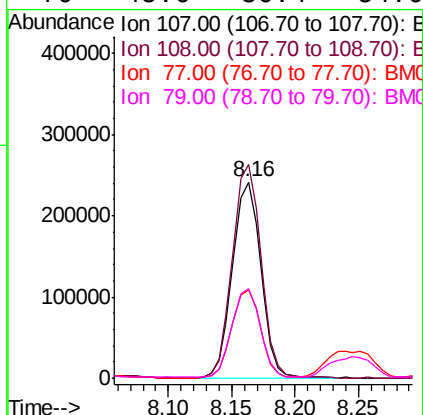
RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	87.5	131.3	
77	44.9	37.3	55.9	
79	45.6	36.4	54.6	



Instrument :

BNA_M

ClientSampleId :

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#18

Hexachloroethane

Concen: 32.847 ng

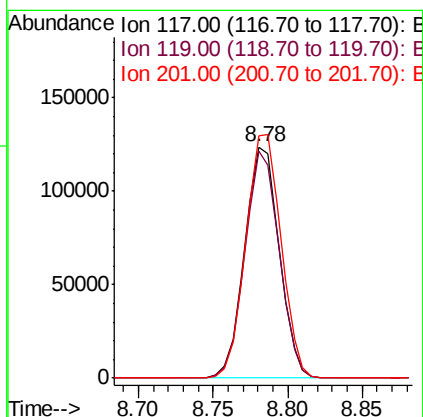
RT: 8.78 min Scan# 968

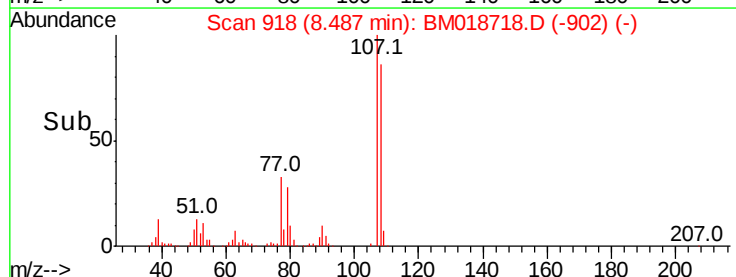
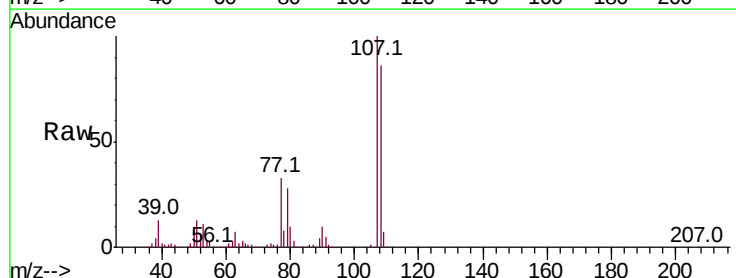
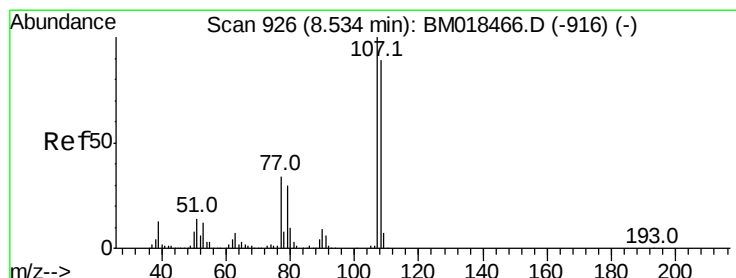
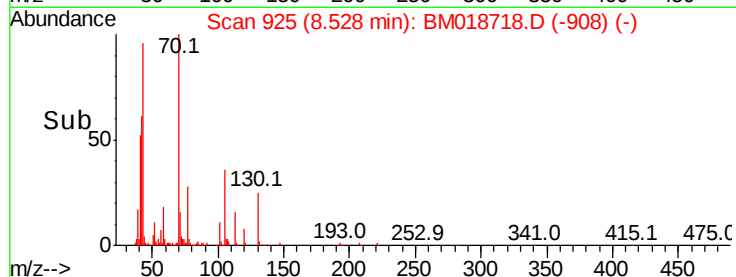
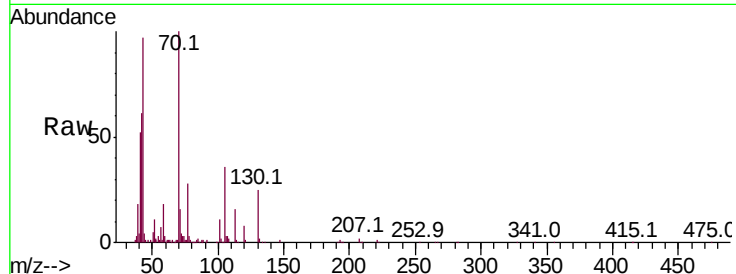
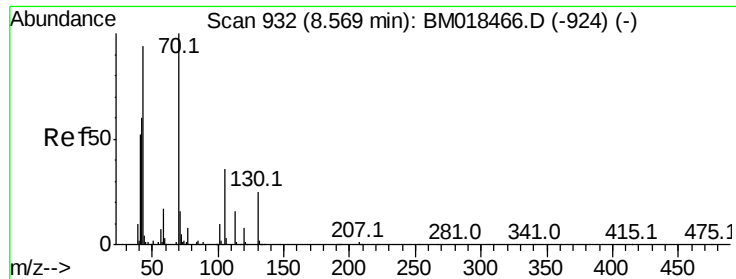
Delta R.T. 0.00 min

Lab File: BM018718.D

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Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	78.3	117.5	
201	104.8	81.4	122.0	





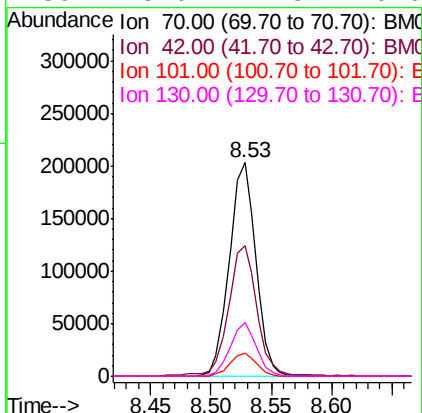
#19
n-Nitroso-di-n-propylamine
Concen: 31.426 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	54.0	81.0
101	11.0	8.1	12.1
130	25.0	17.8	26.6

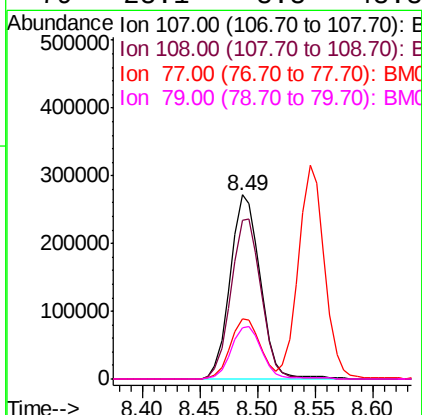
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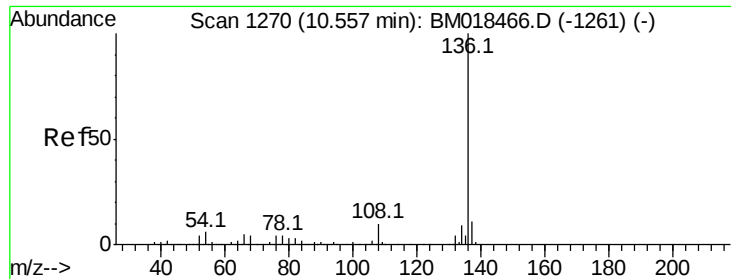
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#20
3+4-Methylphenols
Concen: 33.915 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	66.8	106.8
77	32.7	13.3	53.3
79	28.1	8.8	48.8





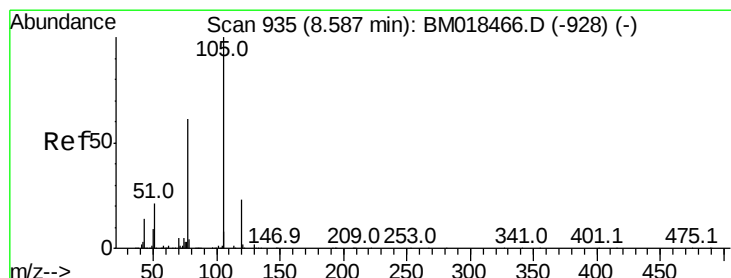
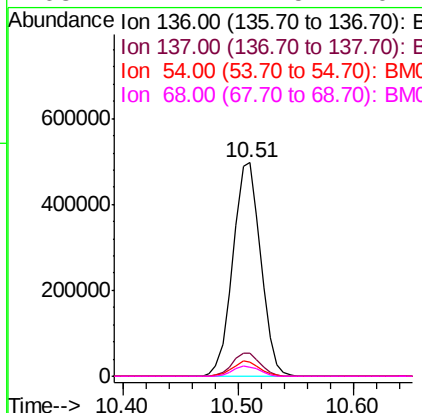
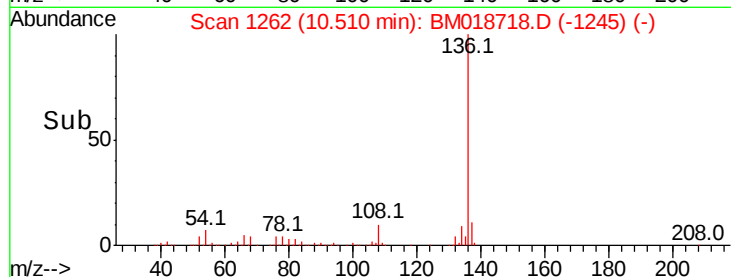
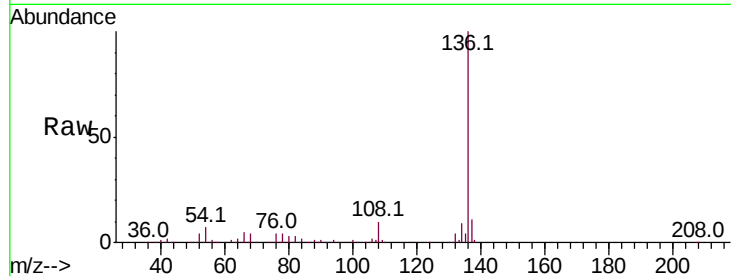
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	6.7	6.0	9.0	
68	4.4	4.5	6.7#	

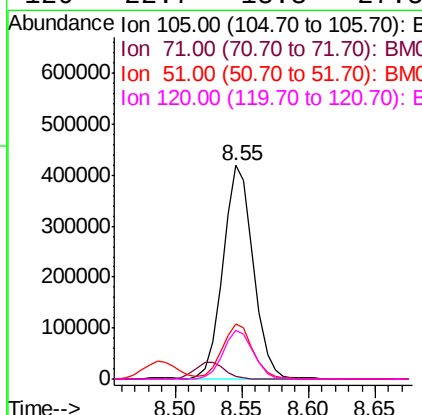
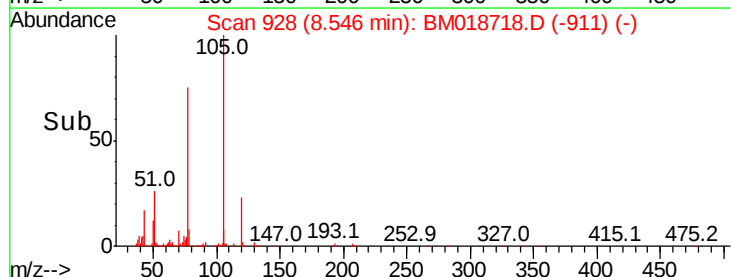
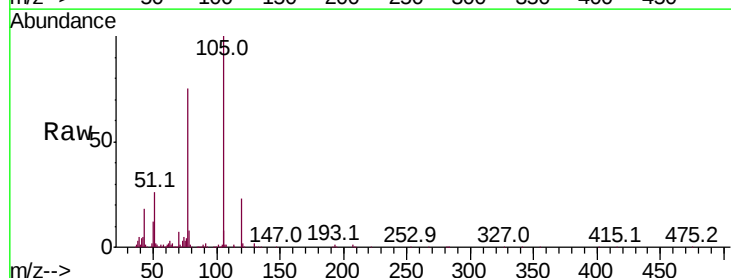
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#22
Acetophenone
Concen: 32.107 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.3	1.7	2.5#	
51	25.8	22.6	34.0	
120	22.7	18.3	27.5	





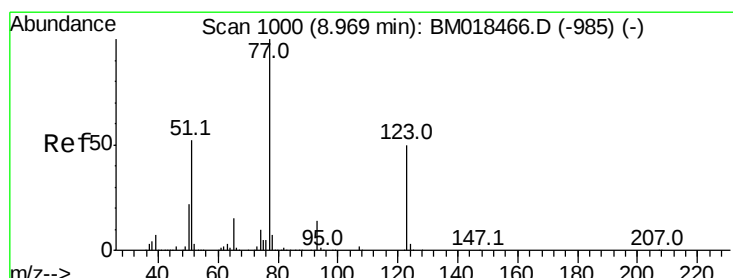
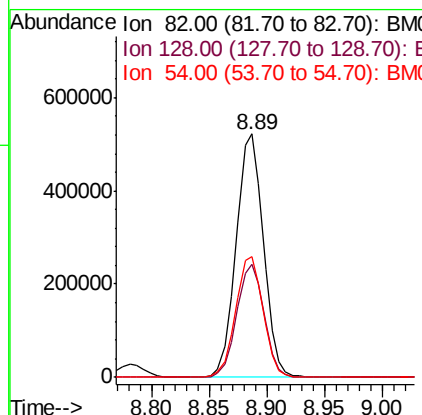
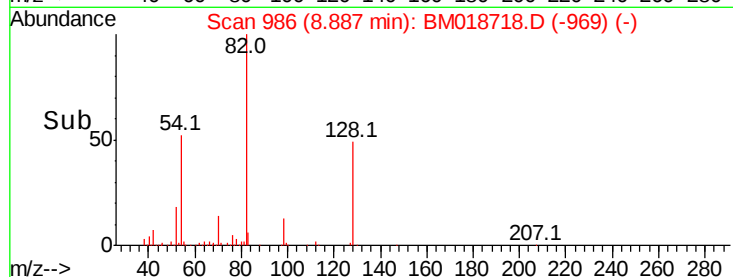
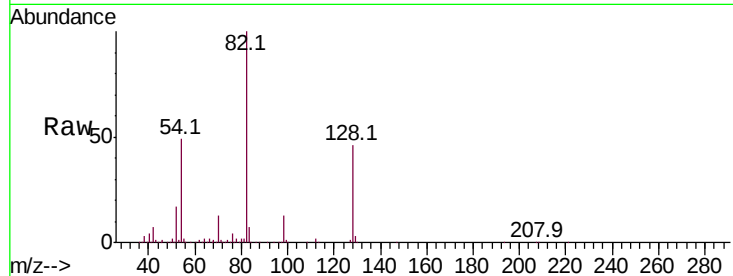
#23
Nitrobenzene-d5
Concen: 59.796 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	46.4	36.3	54.5
54	49.4	41.7	62.5

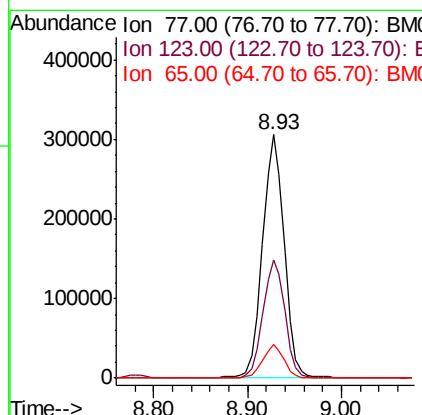
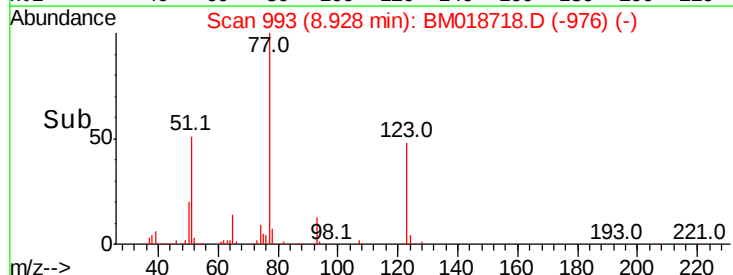
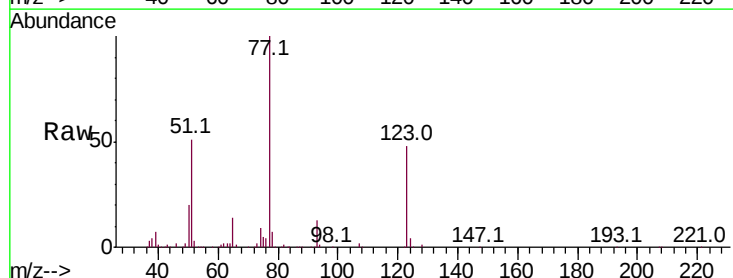
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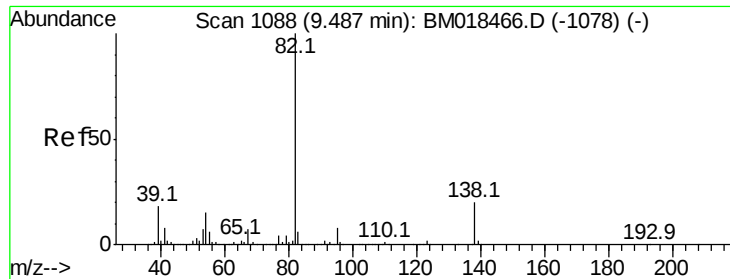
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#24
Nitrobenzene
Concen: 34.564 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	48.3	37.7	56.5
65	13.8	11.0	16.6





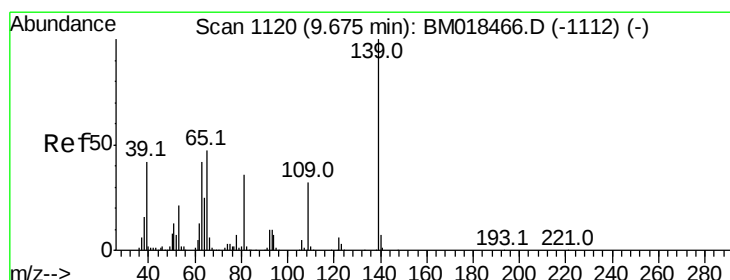
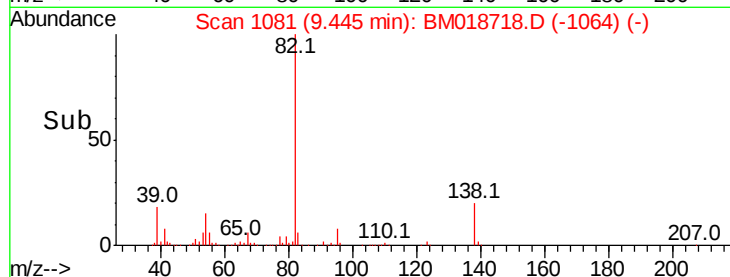
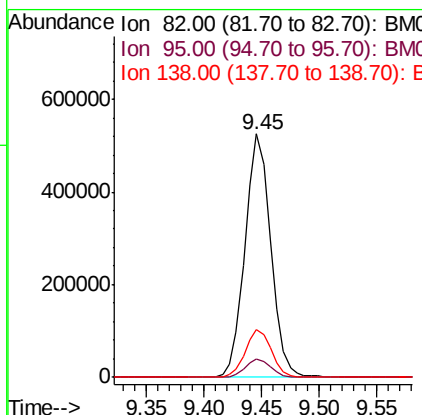
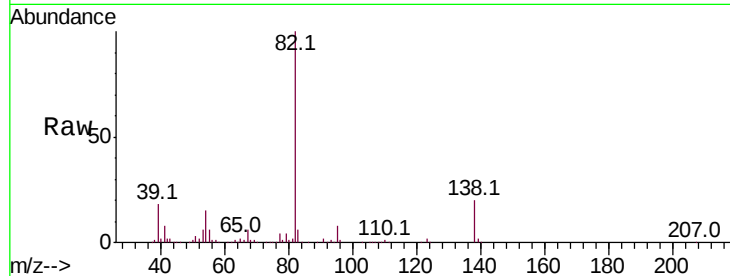
#25
Isophorone
Concen: 37.753 ng
RT: 9.45 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	817782		
95	7.7		6.1	9.1
138	19.8		15.1	22.7

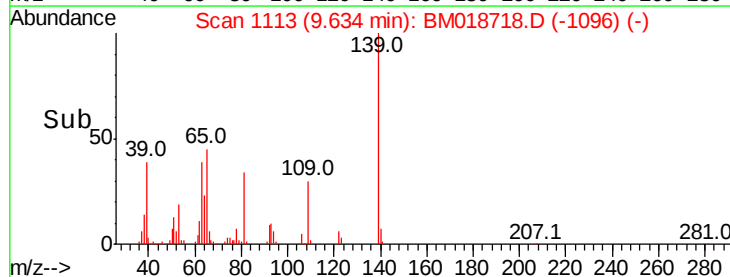
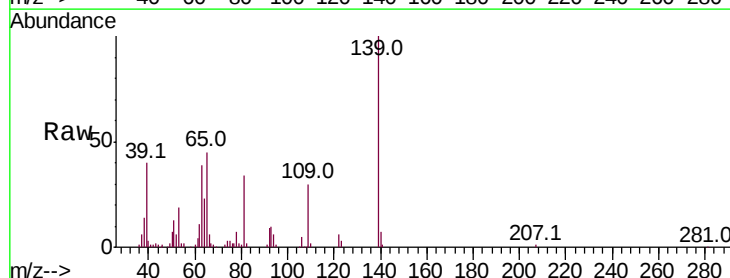
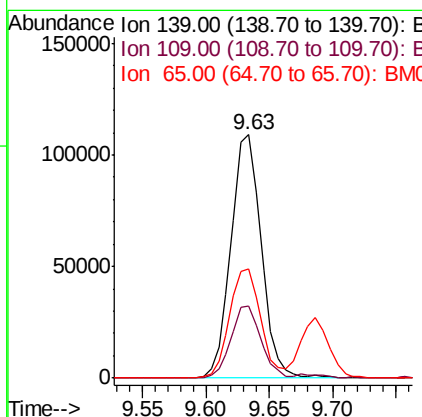
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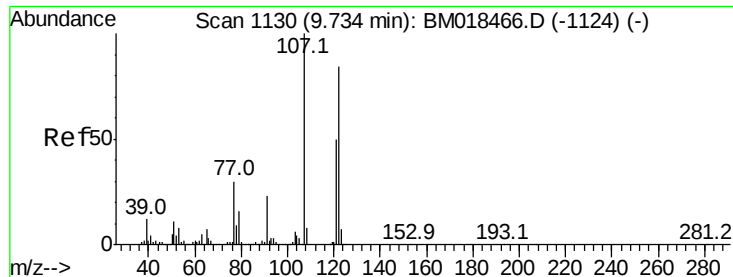
mohammad
2/5/2019 8:41:05 AM



#26
2-Nitrophenol
Concen: 26.575 ng
RT: 9.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	180865		
109	29.6		23.4	35.2
65	45.1		39.4	59.2





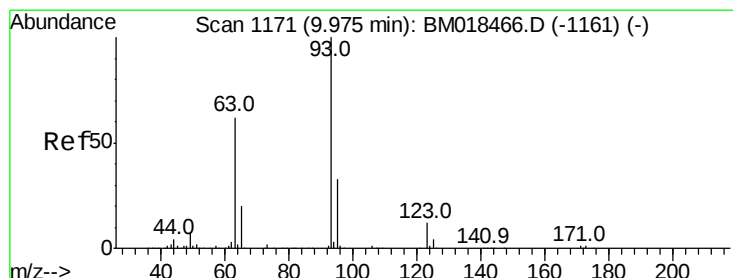
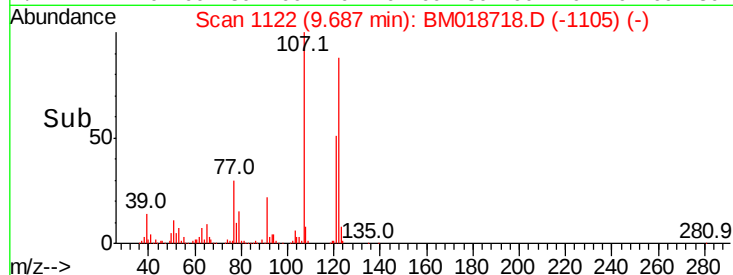
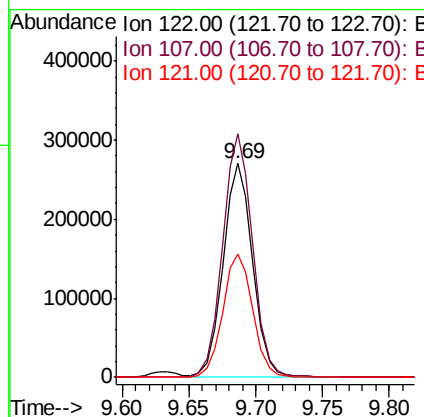
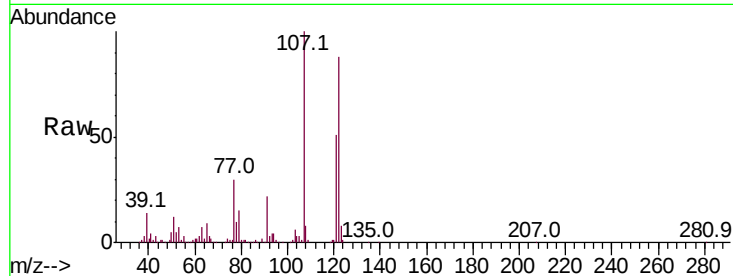
#27
2,4-Dimethylphenol
Concen: 41.088 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	419138		
107	114.0	91.9	137.9	
121	57.8	47.5	71.3	

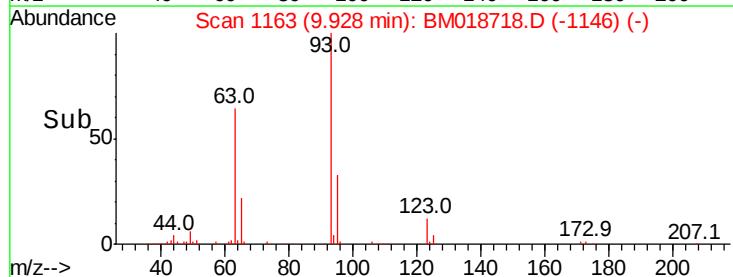
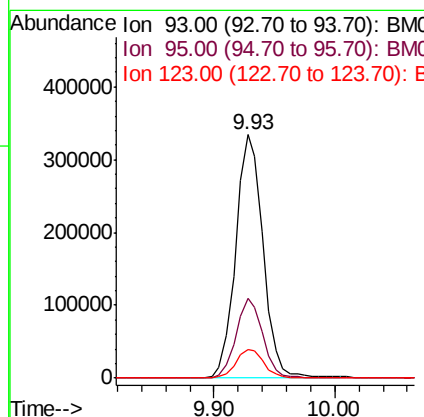
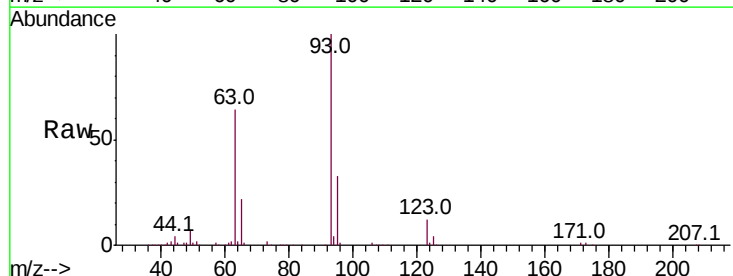
Manual Integrations
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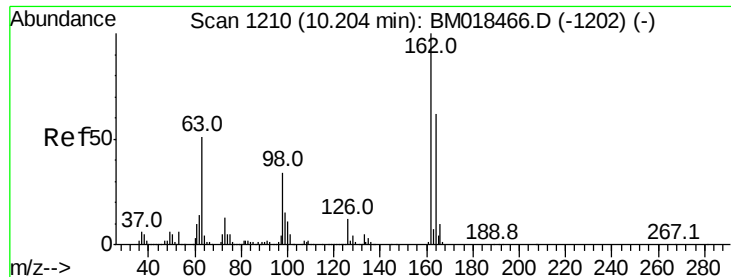
mohammad
2/5/2019 8:41:05 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.275 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	527860		
95	32.8	26.6	39.8	
123	11.6	9.9	14.9	





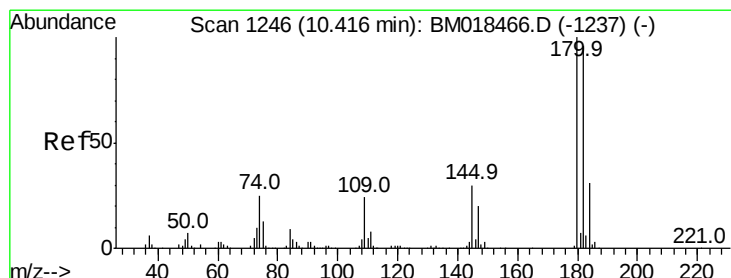
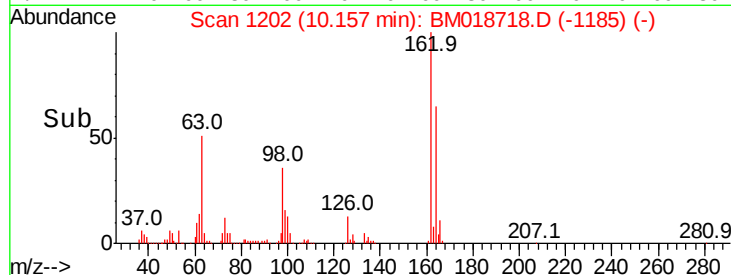
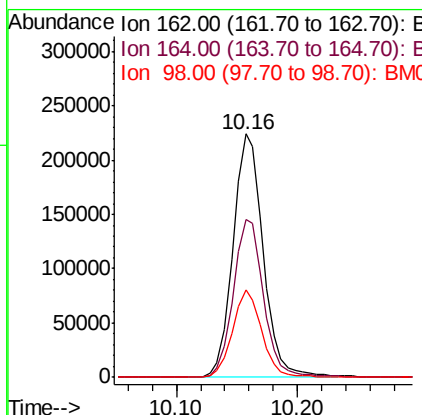
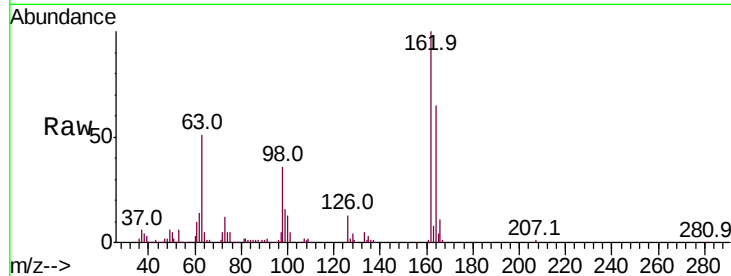
#29
2,4-Dichlorophenol
Concen: 32.102 ng
RT: 10.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.8	45.6	85.6	
98	36.1	14.7	54.7	

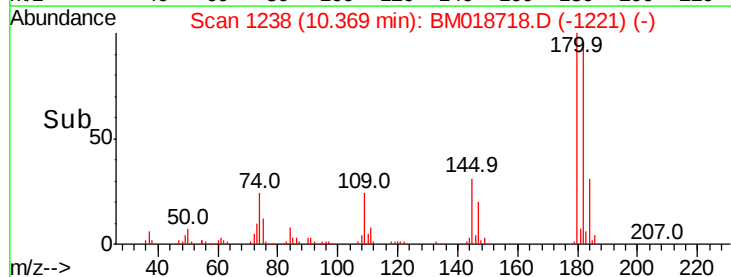
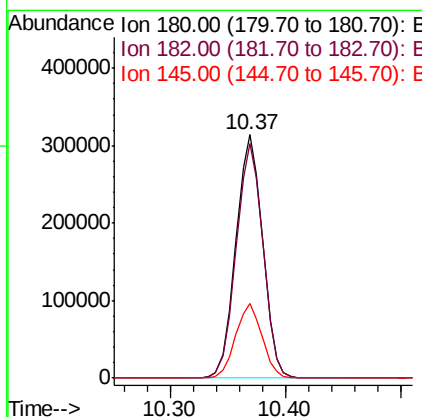
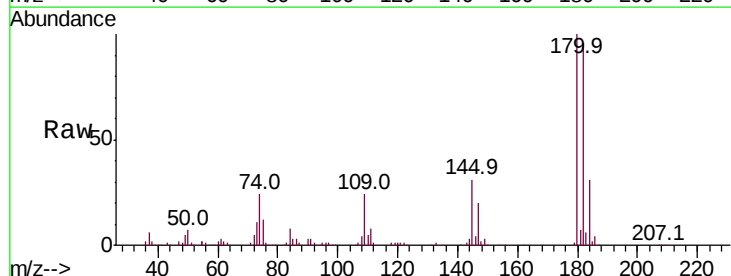
Manual Integrations
APPROVED

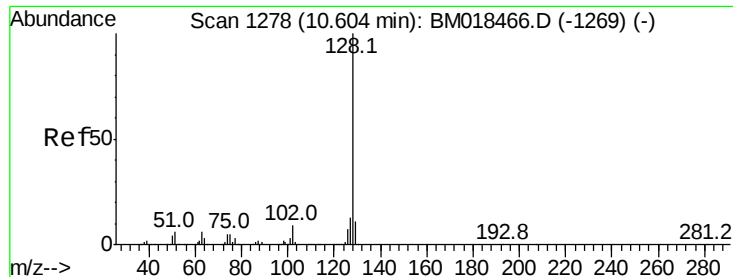
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 33.429 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	77.4	116.2	
145	30.6	24.6	37.0	





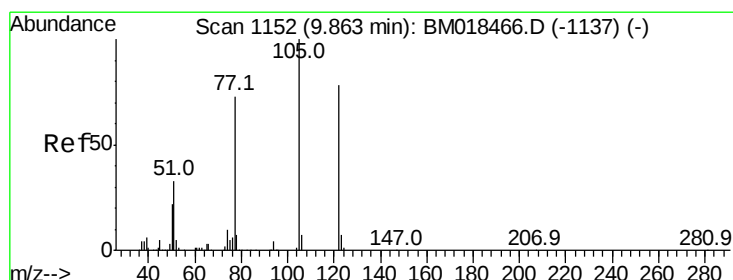
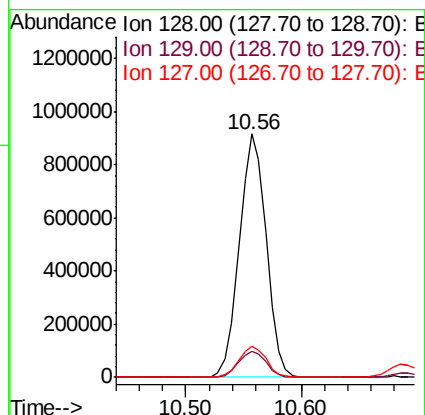
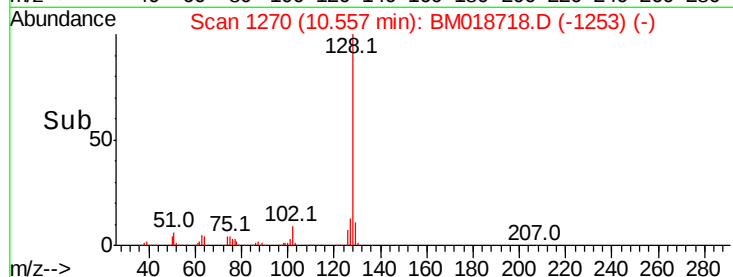
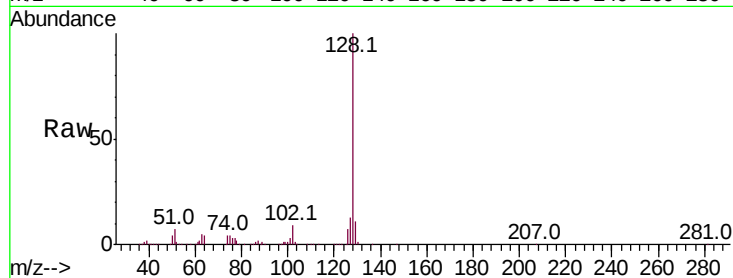
#31
Naphthalene
Concen: 36.975 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.0	10.8	16.2

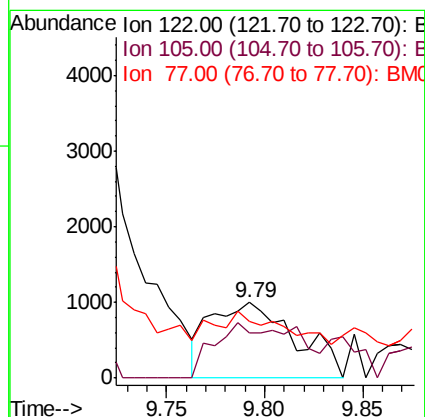
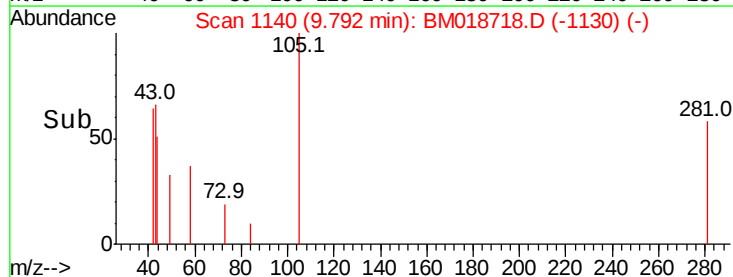
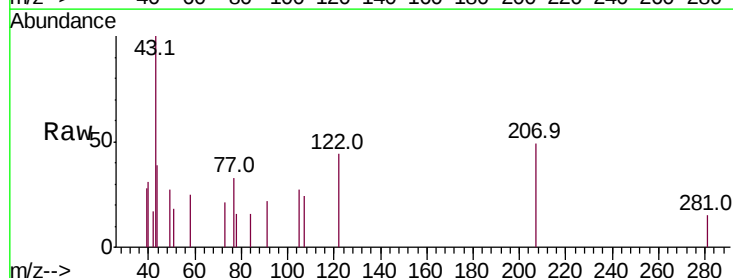
Manual Integrations
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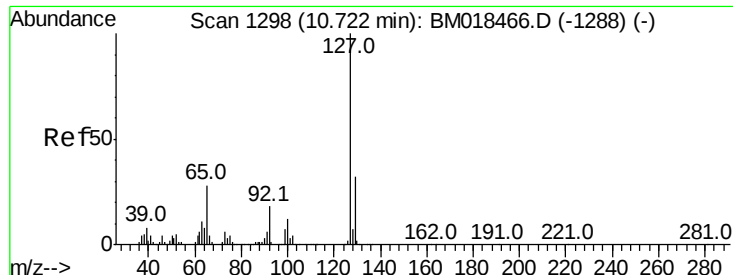
mohammad
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#32
Benzoic acid
Concen: 6.878 ng m
RT: 9.79 min Scan# 1140
Delta R.T. -0.04 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	59.9	100.4	140.4#
77	74.2	71.7	111.7





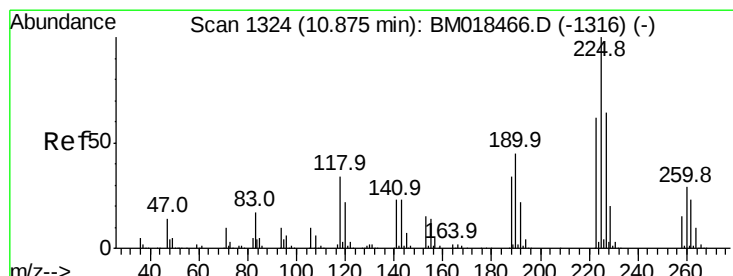
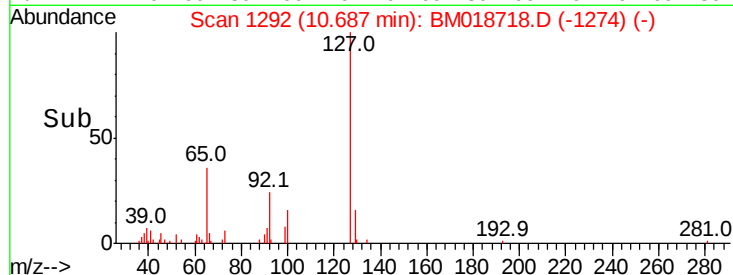
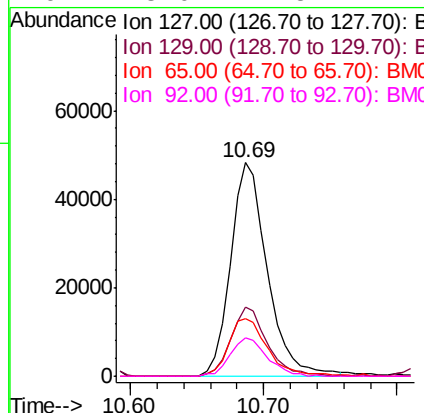
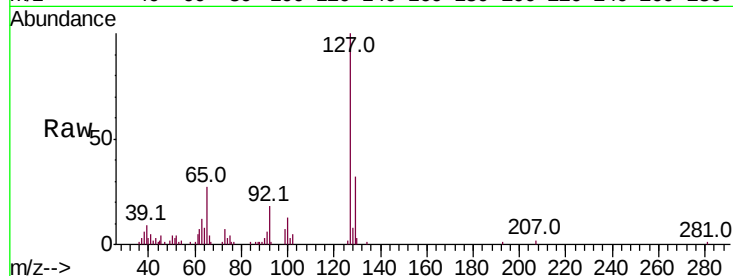
#33
4-Chloroaniline
Concen: 5.895 ng
RT: 10.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	26.9	23.4	35.2	
92	18.0	14.5	21.7	

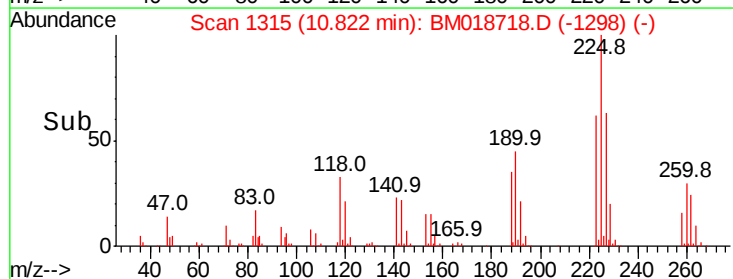
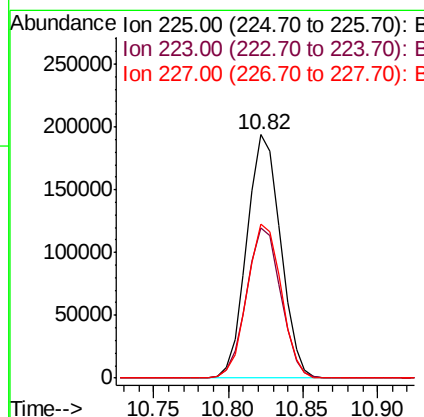
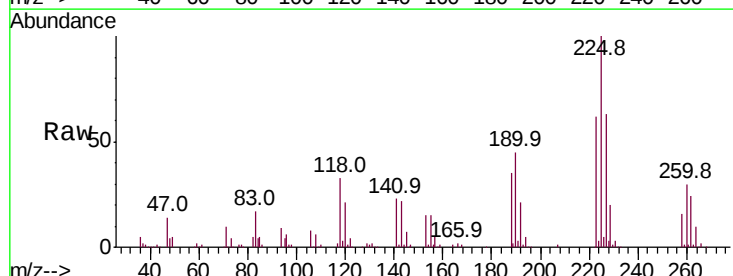
Manual Integrations
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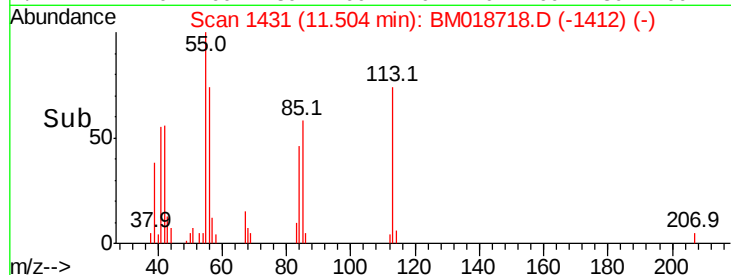
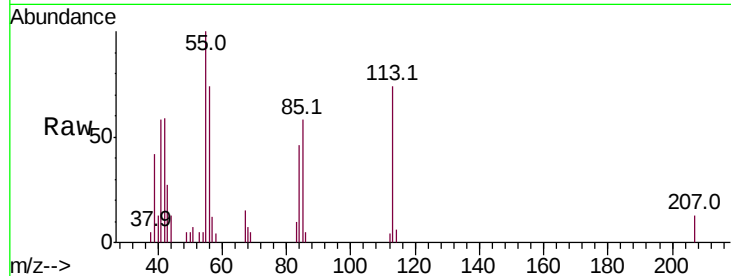
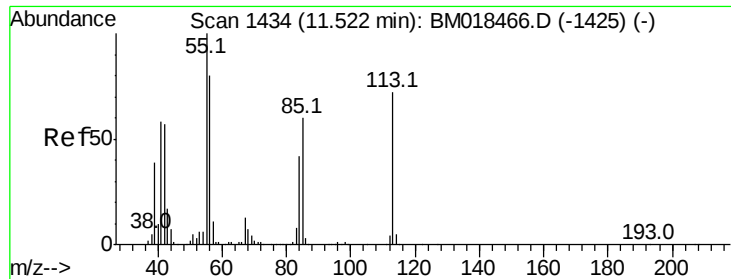
mohammad
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#34
Hexachlorobutadiene
Concen: 31.879 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.8	76.2	
227	63.0	50.4	75.6	





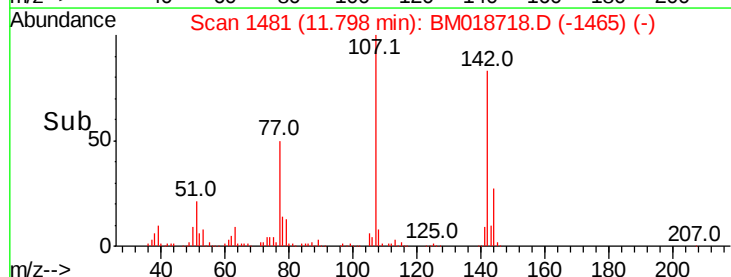
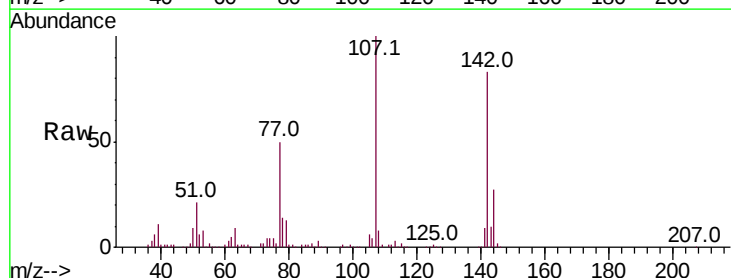
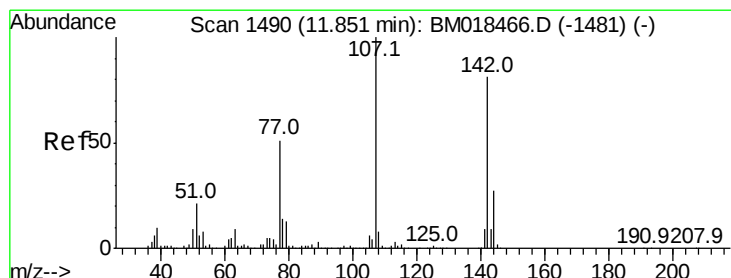
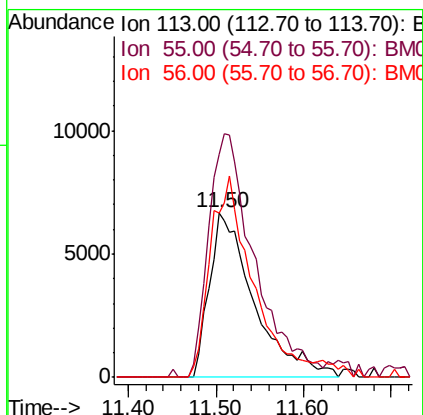
#35
Caprolactam
Concen: 5.701 ng/ml
RT: 11.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.0	139.3	179.3#
56	99.7	101.4	141.4#

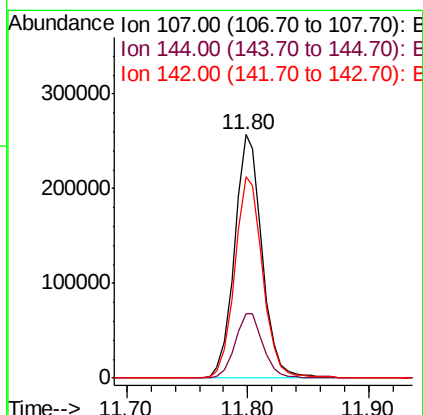
Manual Integrations
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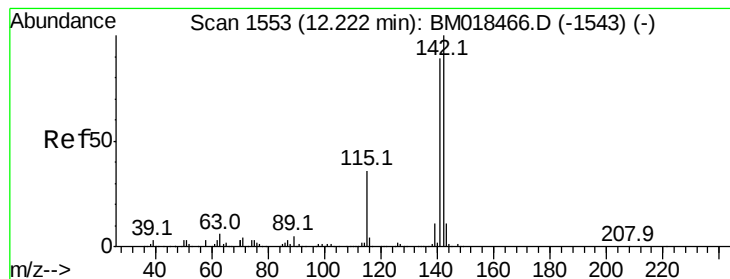
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#36
4-Chloro-3-methylphenol
Concen: 32.030 ng
RT: 11.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.9	32.9
142	82.8	67.9	101.9





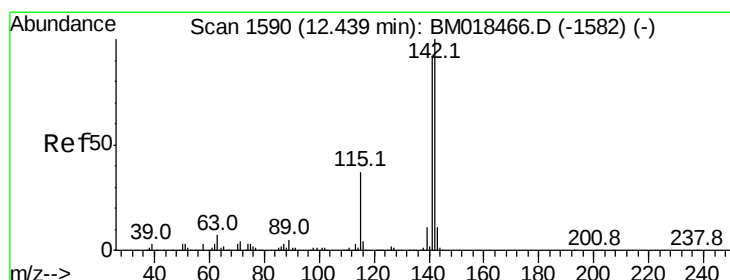
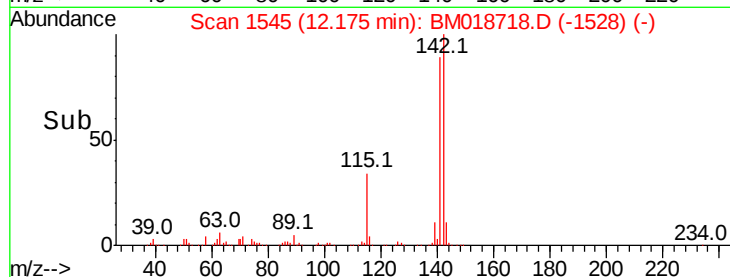
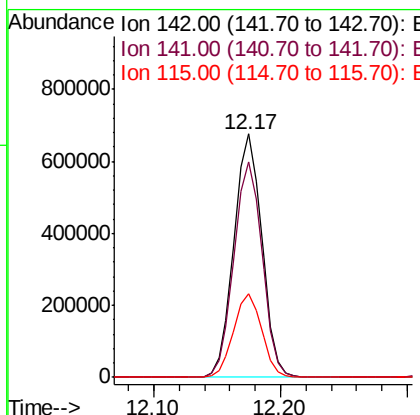
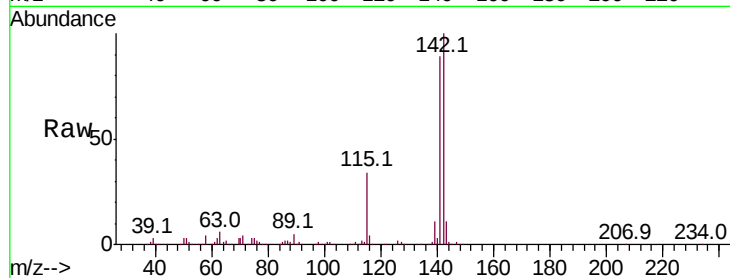
#37
2-Methylnaphthalene
Concen: 36.685 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.5	28.0	42.0

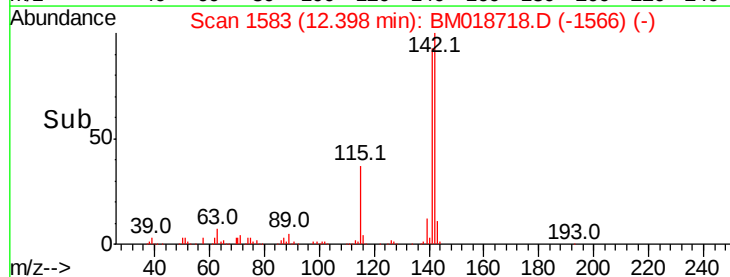
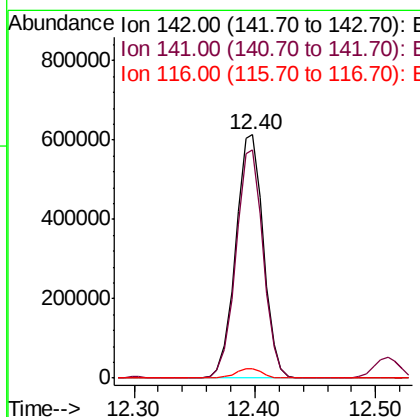
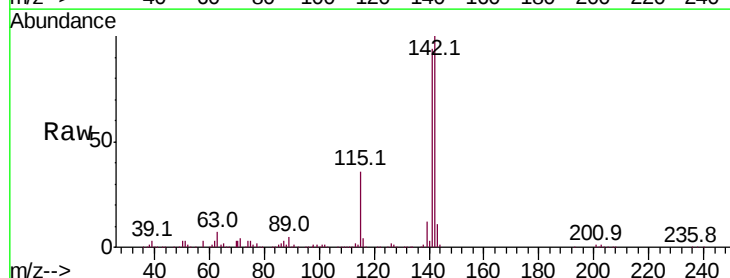
Manual Integrations
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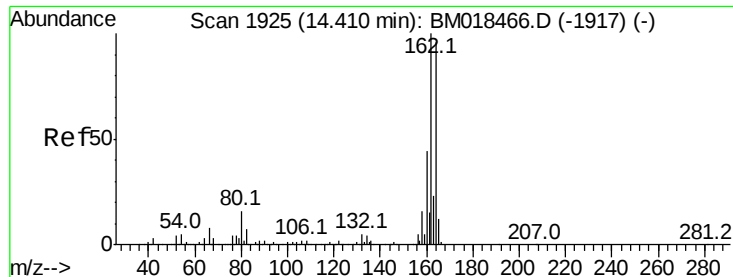
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#38
1-Methylnaphthalene
Concen: 35.815 ng
RT: 12.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.6	113.4
116	3.7	3.0	4.6





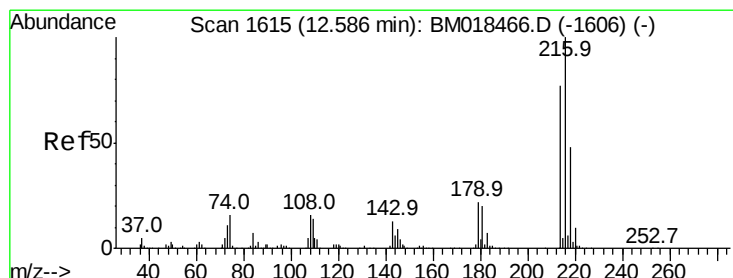
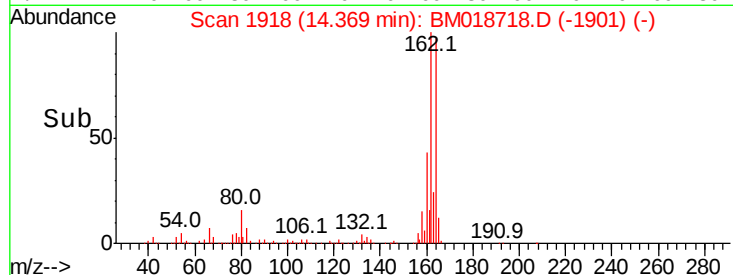
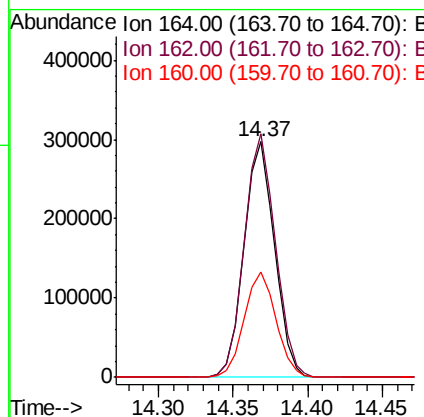
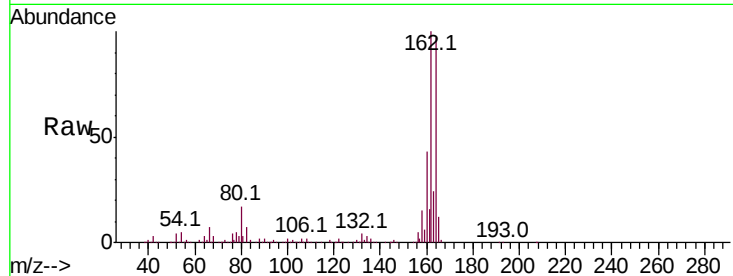
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	83.0	124.4	
160	44.8	37.1	55.7	

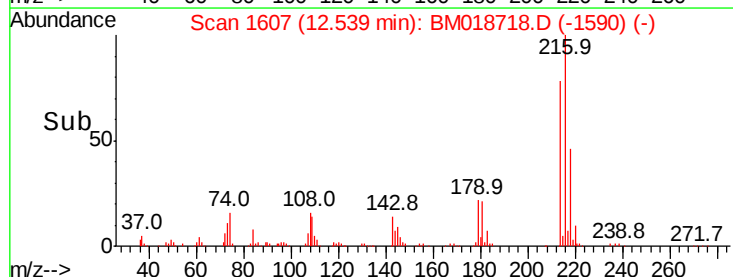
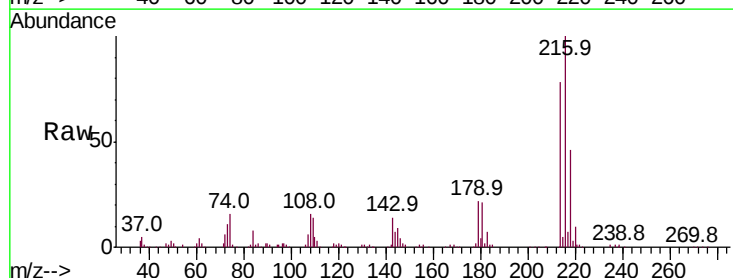
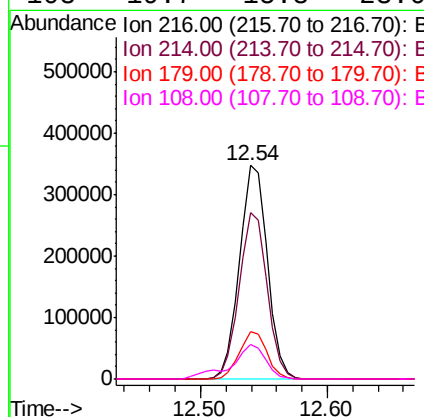
Manual Integrations
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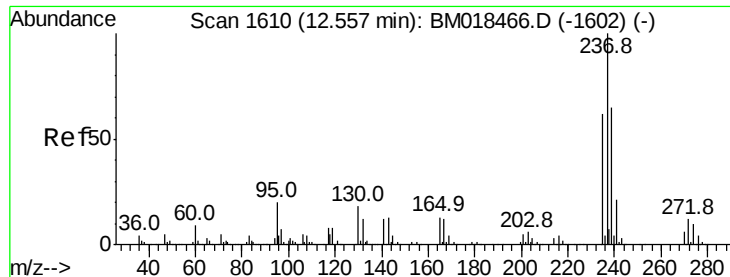
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.891 ng
RT: 12.54 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.1	63.4	95.0	
179	21.8	17.9	26.9	
108	19.7	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 79.670 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

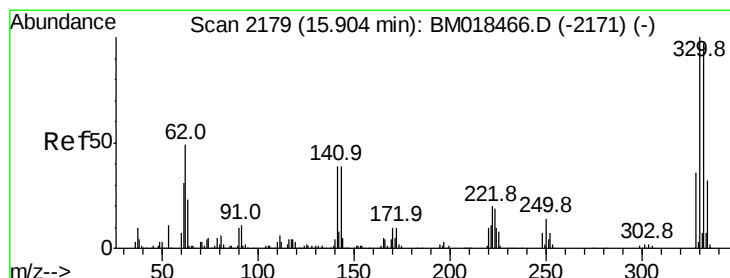
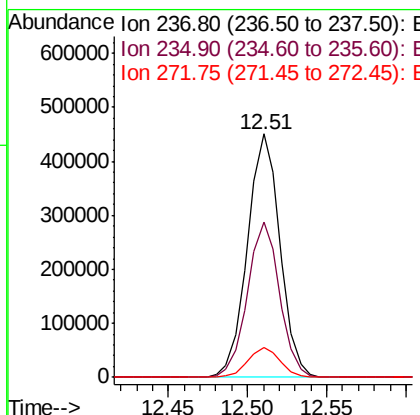
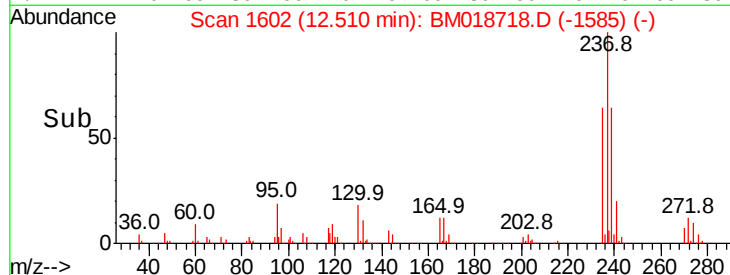
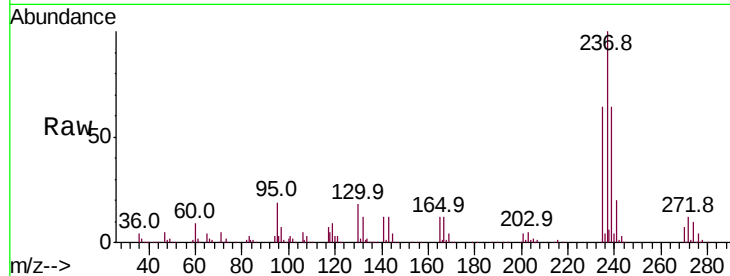
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	237	Resp:	642589
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.8	82.8
272	12.0	0.0	31.9

Manual Integrations
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2/5/2019 8:41:05 AM



#42

2,4,6-Tribromophenol

Concen: 77.604 ng

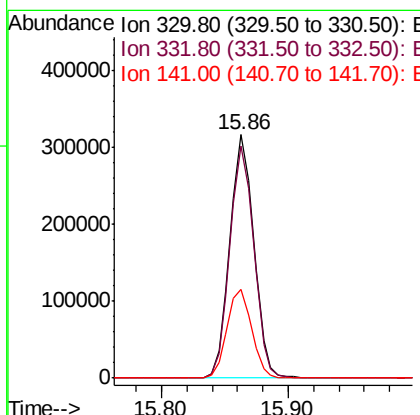
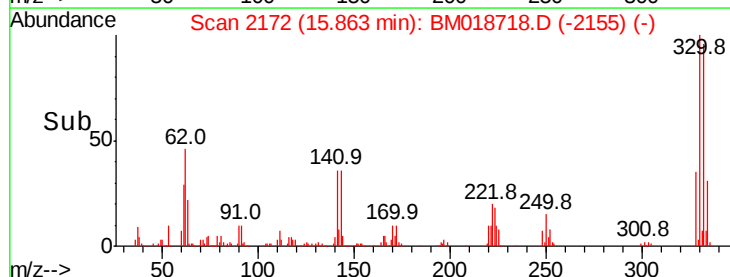
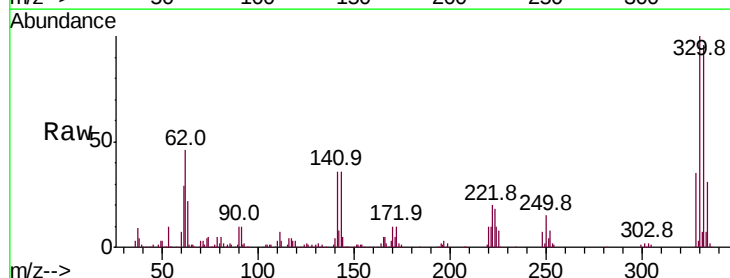
RT: 15.86 min Scan# 2172

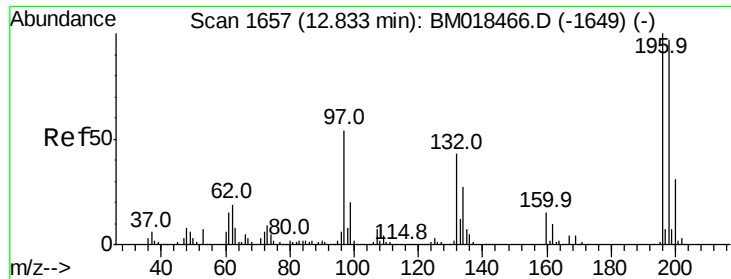
Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion:	330	Resp:	415264
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.6	116.4
141	37.7	31.7	47.5





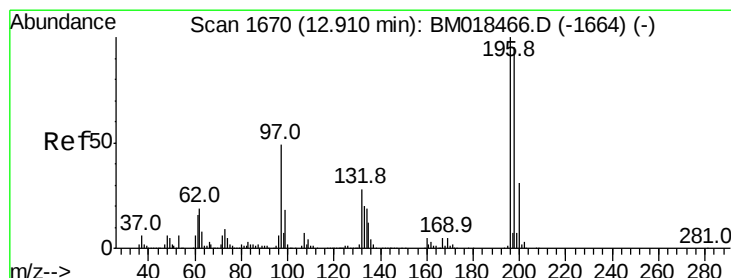
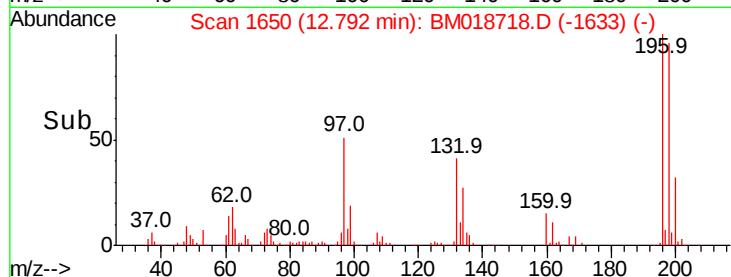
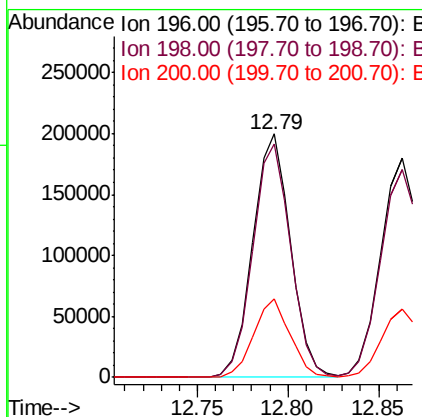
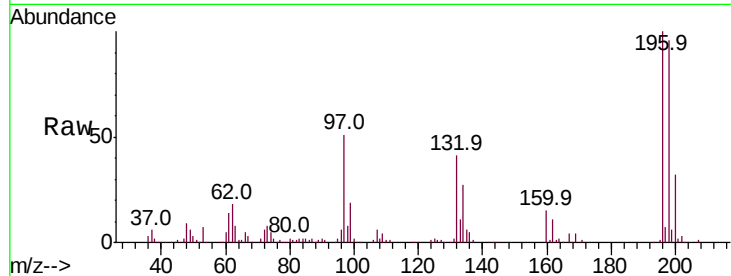
#43
 2,4,6-Trichlorophenol
 Concen: 32.424 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018718.D
 Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	289369		
198	95.6	76.6	115.0	
200	32.1	24.2	36.4	

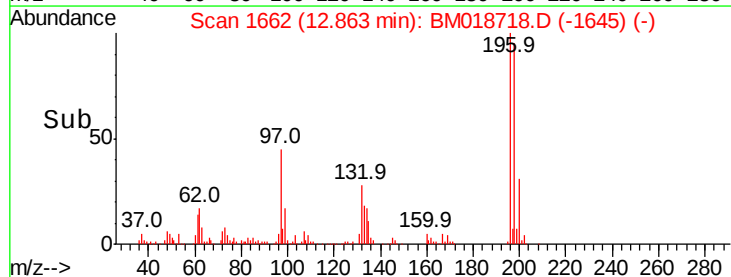
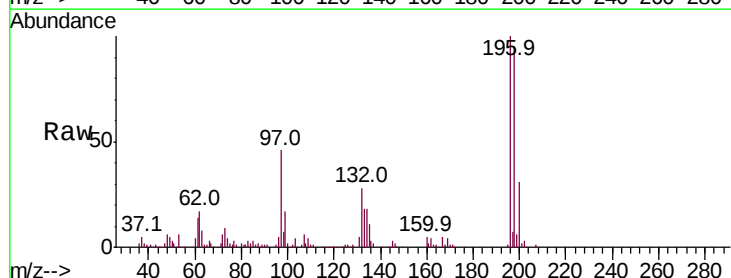
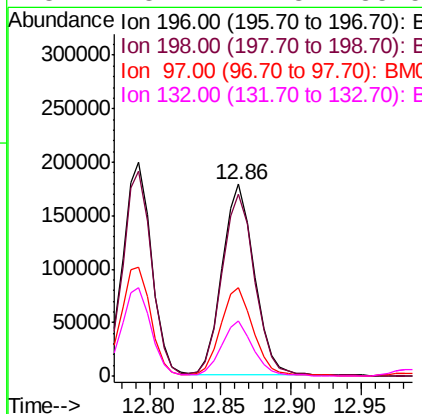
Manual Integrations
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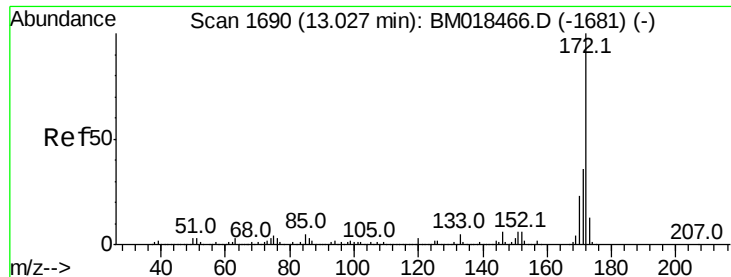
mohammad
 2/5/2019 8:41:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 30.317 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018718.D
 Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284554		
198	95.1	76.7	115.1	
97	45.9	39.2	58.8	
132	28.4	22.3	33.5	





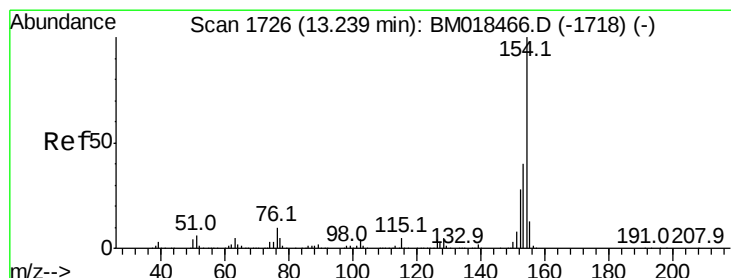
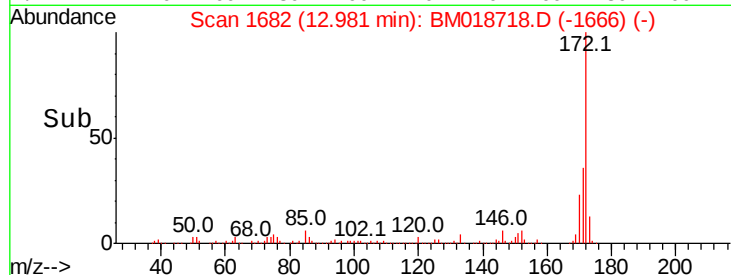
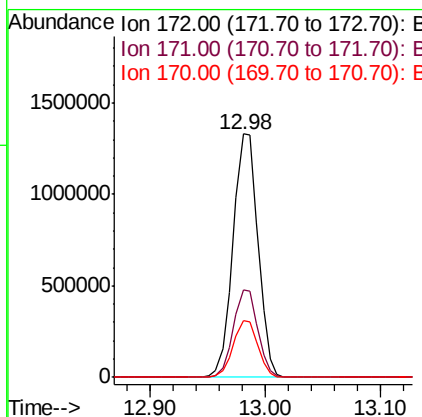
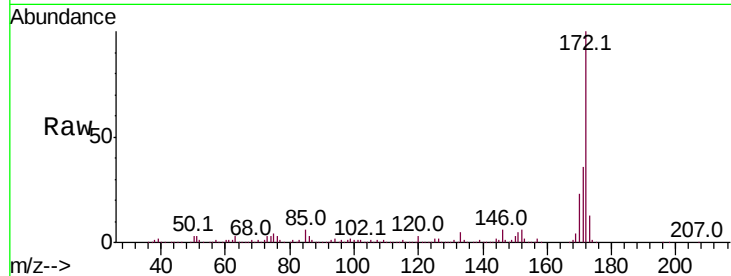
#45
2-Fluorobiphenyl
Concen: 61.899 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.2	18.9	28.3

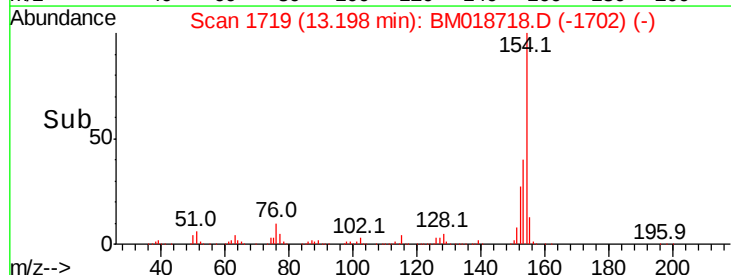
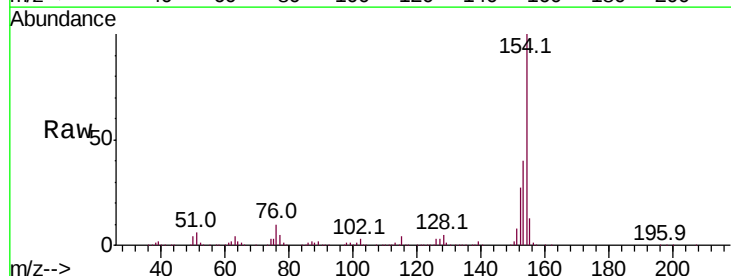
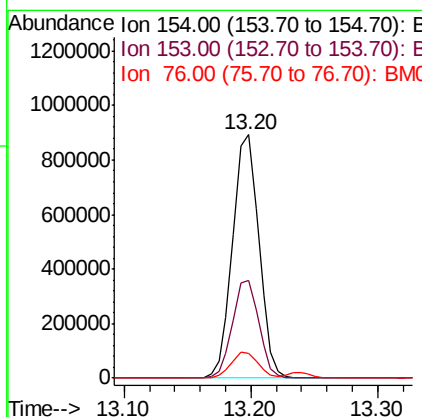
Manual Integrations
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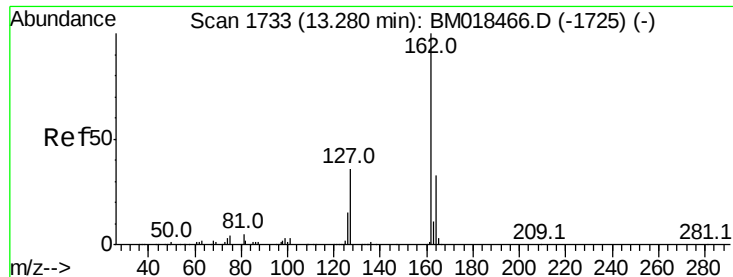
mohammad
2/5/2019 8:41:05 AM



#46
1,1'-Biphenyl
Concen: 34.917 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	10.4	0.0	31.9





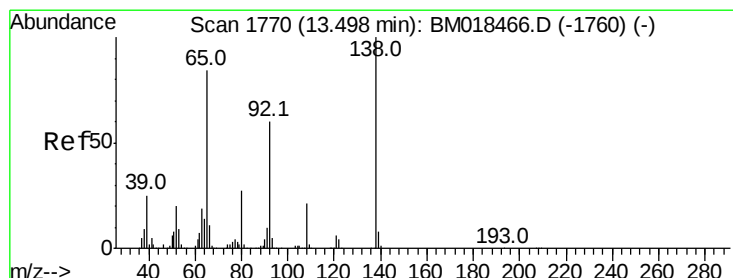
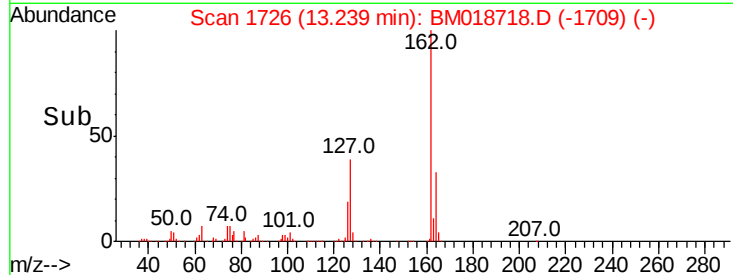
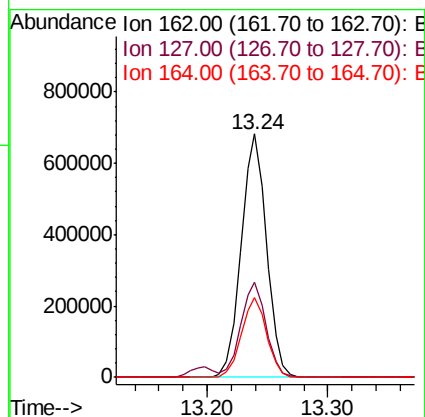
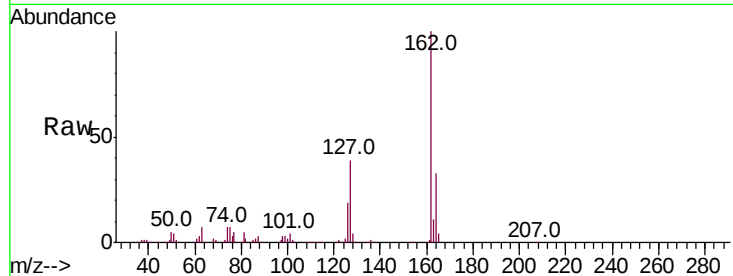
#47
2-Chloronaphthalene
Concen: 35.066 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	31.4	47.0
164	32.7	26.2	39.4

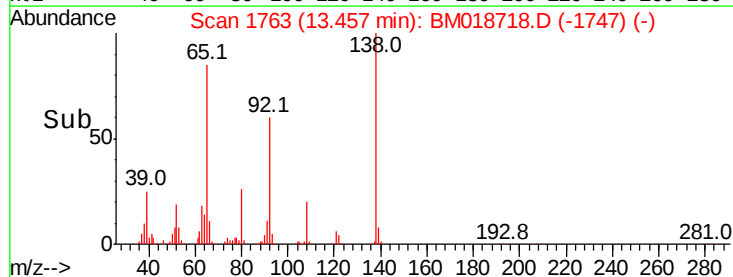
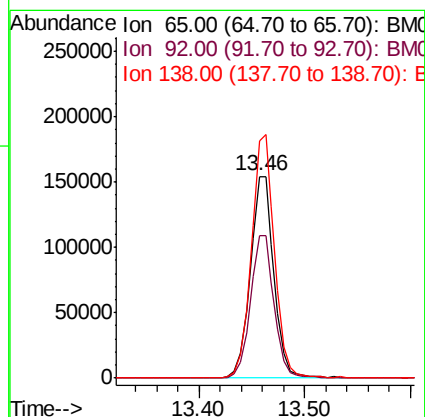
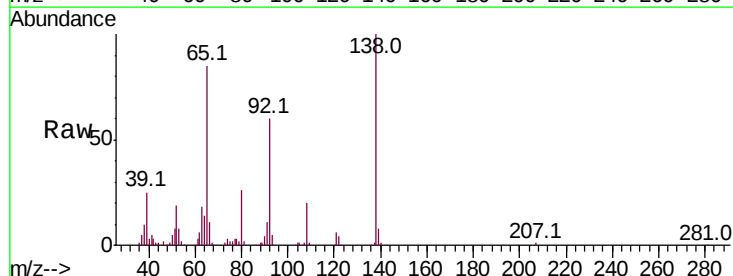
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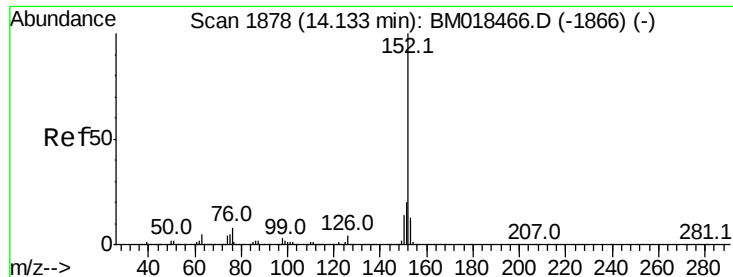
mohammad
2/5/2019 8:41:05 AM



#48
2-Nitroaniline
Concen: 34.205 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.7	53.4	80.2
138	117.9	88.9	133.3





#49

Acenaphthylene

Concen: 37.530 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

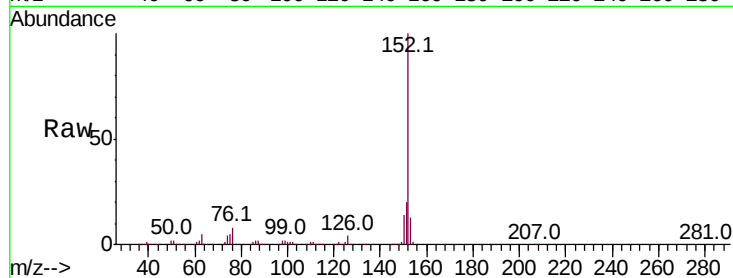
ClientSampleId :

FK-BPM-03-006-ABCDMS

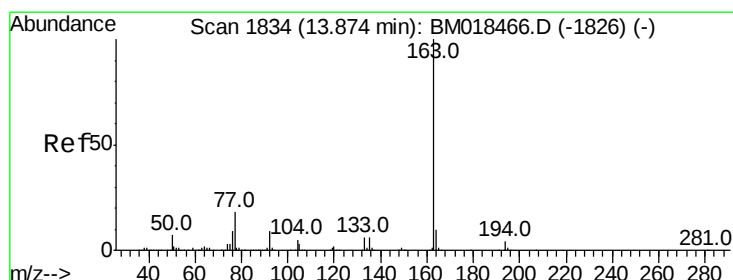
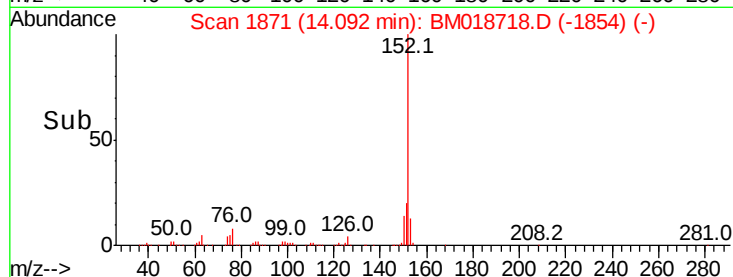
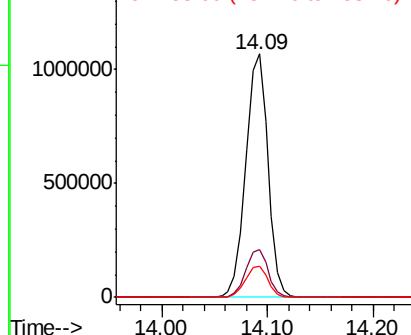
Tot Ion:	152	Resp:	1556314
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.5	15.7

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.218 ng

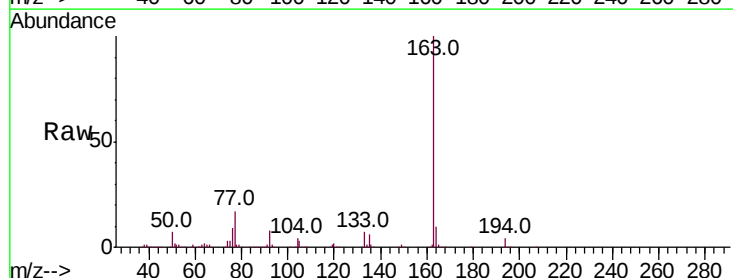
RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

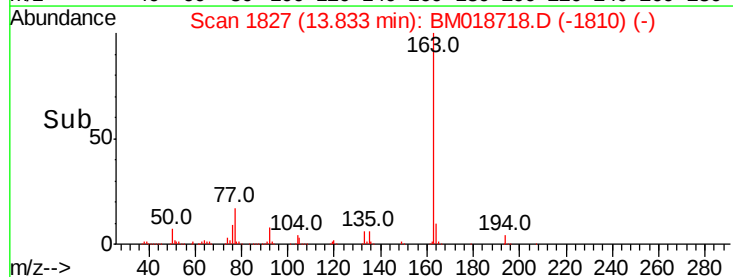
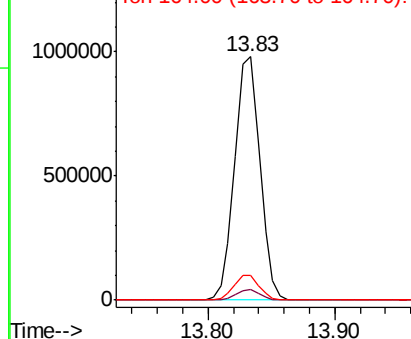
Lab File: BM018718.D

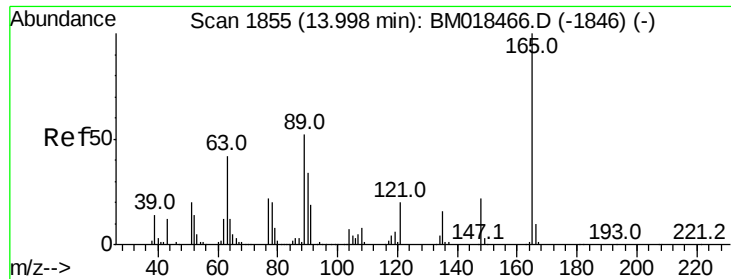
Acq: 04 Feb 2019 14:47

Tgt Ion:	163	Resp:	1353591
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.1	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





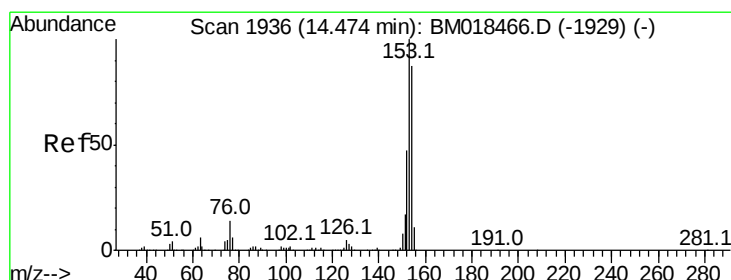
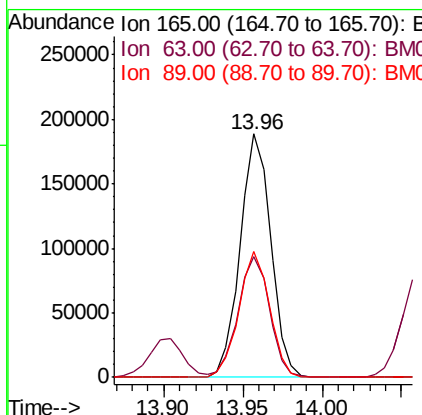
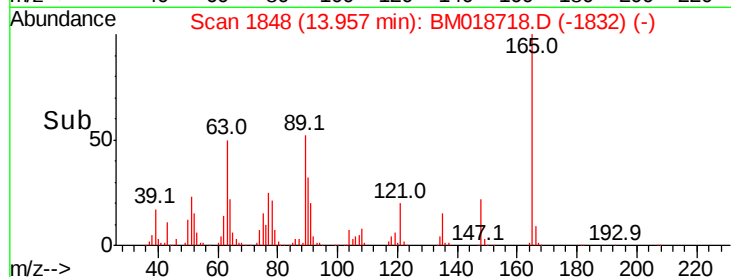
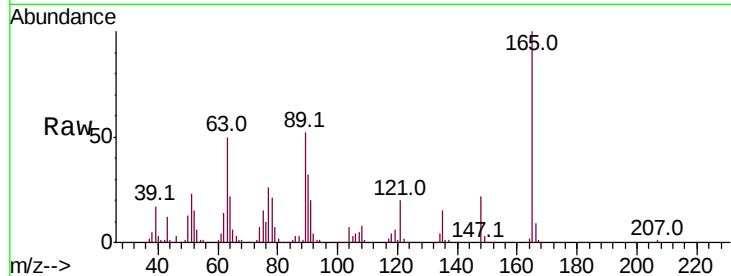
#51
2,6-Dinitrotoluene
Concen: 34.743 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	254002		
63	49.6		45.6	68.4
89	51.6		44.6	66.8

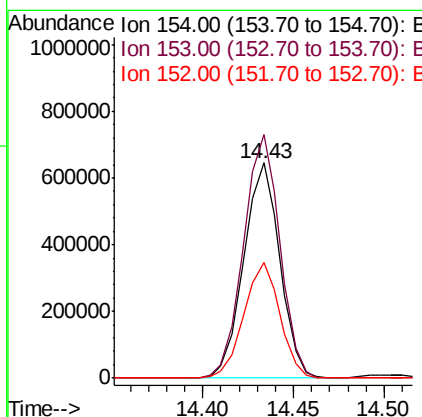
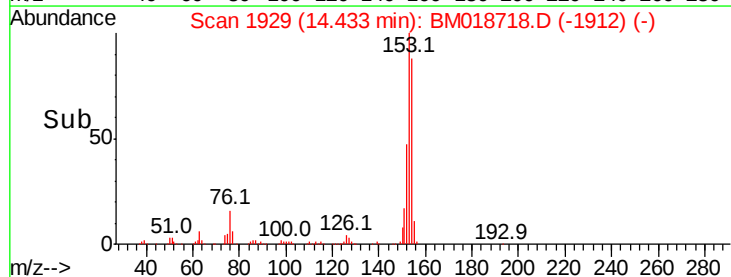
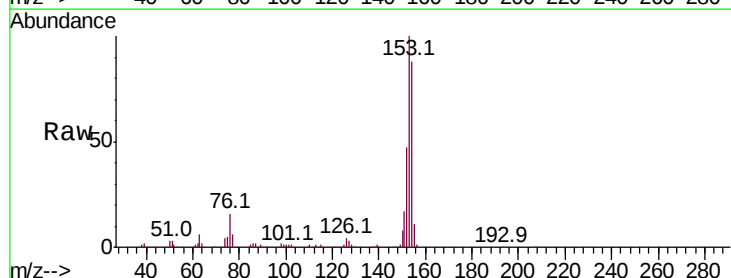
Manual Integrations
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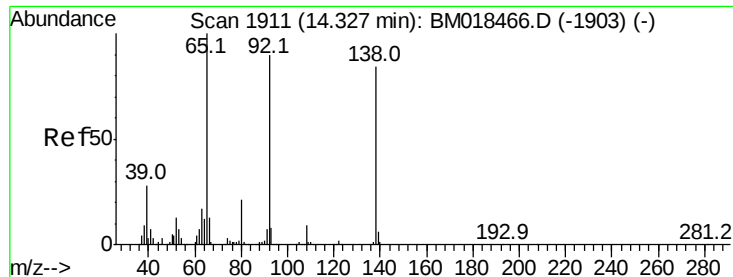
mohammad
2/5/2019 8:41:05 AM



#52
Acenaphthene
Concen: 35.278 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	895096		
153	113.1		92.3	138.5
152	53.6		43.8	65.6





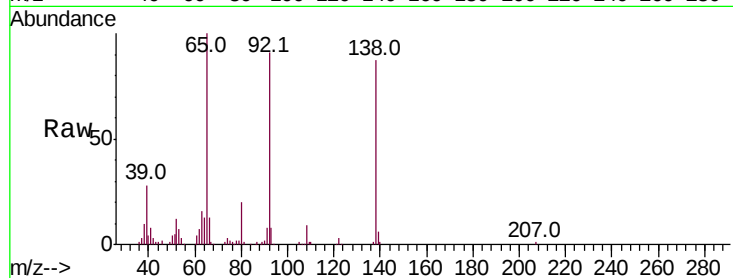
#53
3-Nitroaniline
Concen: 20.196 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	104.8	88.2	132.2

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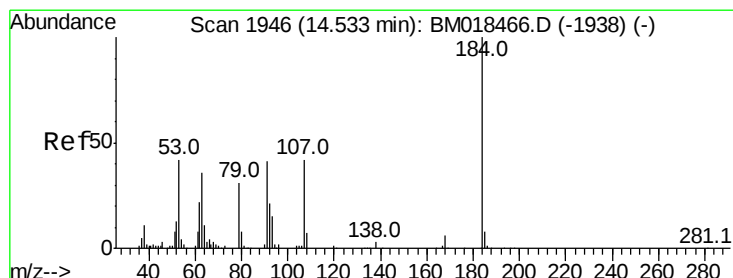
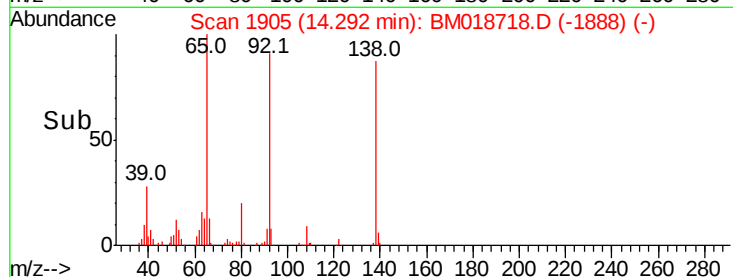
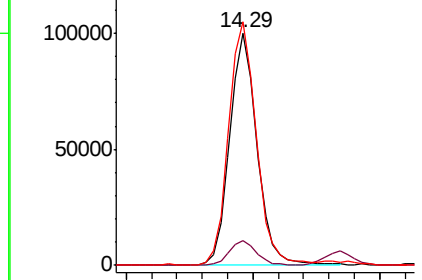


Abundance

Ion 138.00 (137.70 to 138.70): E

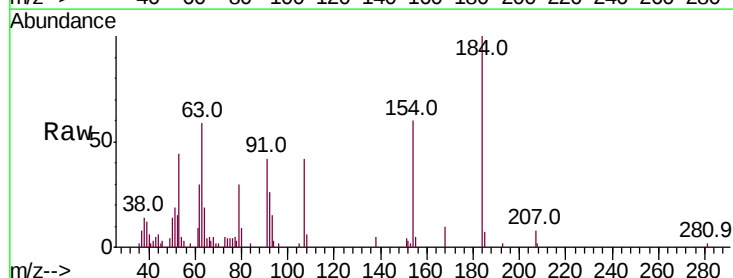
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 14.314 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	55.9	83.9
154	60.0	54.2	81.4

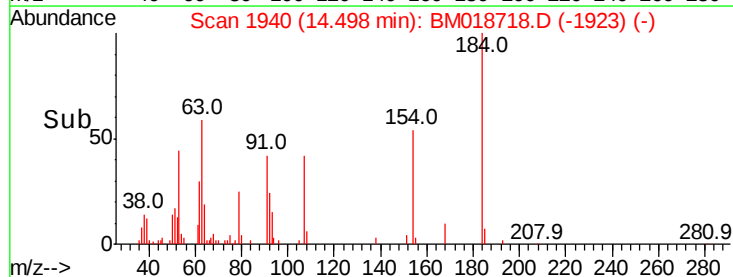
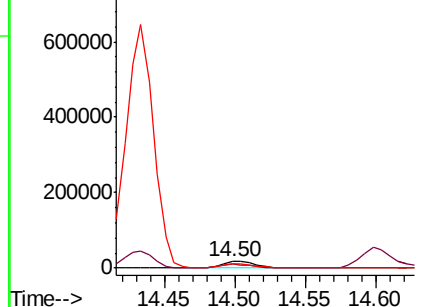


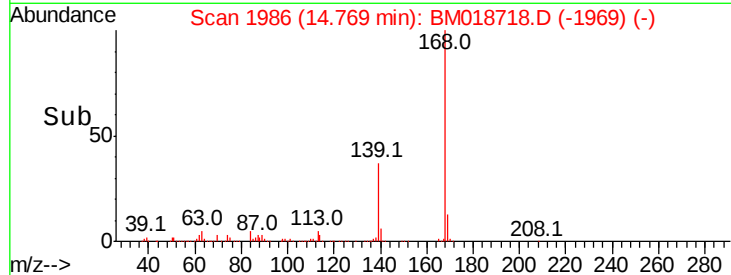
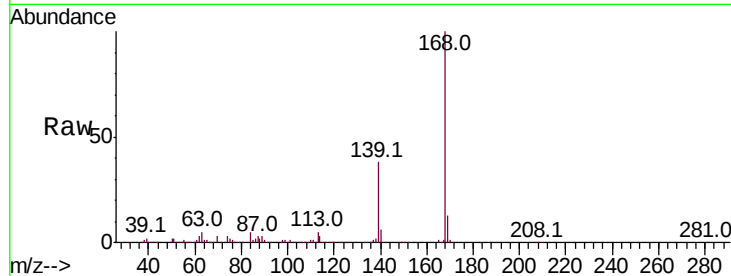
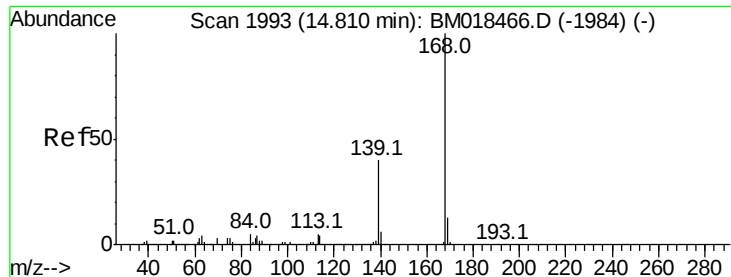
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





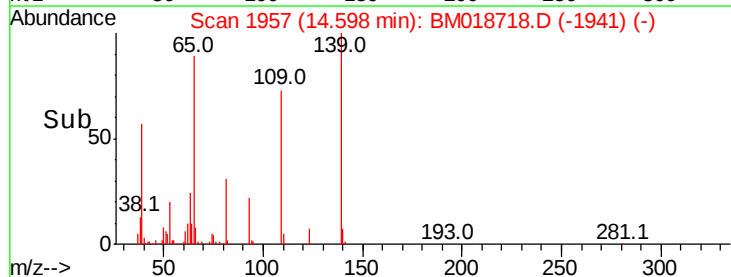
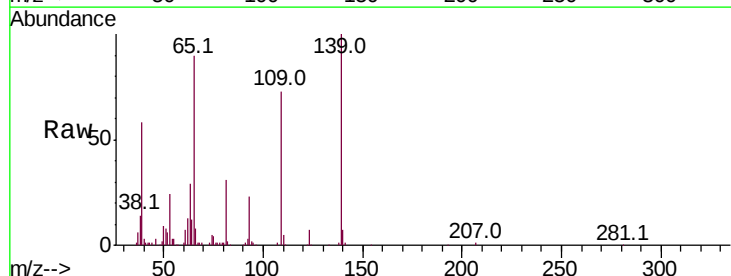
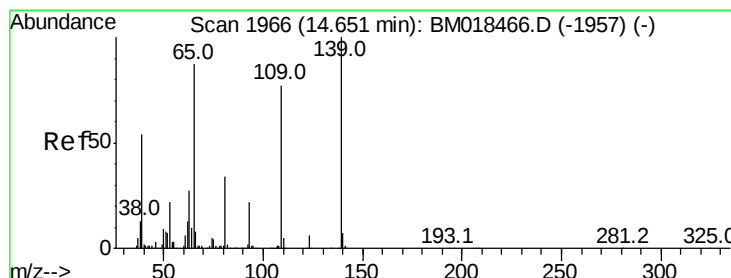
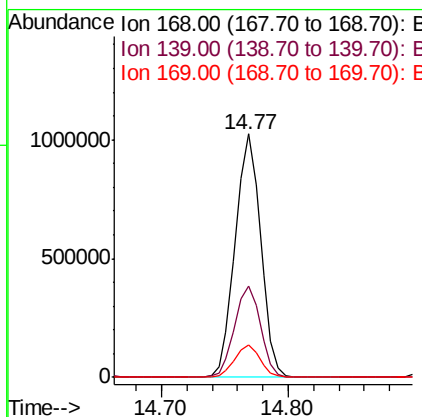
#55
Dibenzofuran
Concen: 33.968 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.3	45.5
169	13.3	10.6	16.0

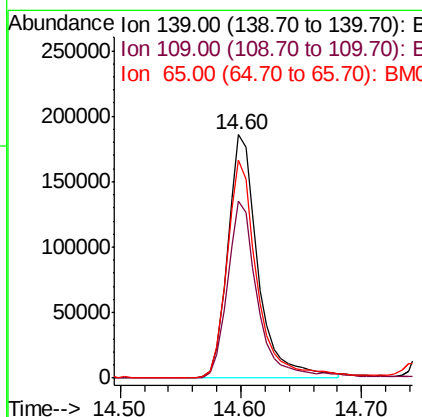
Manual Integrations
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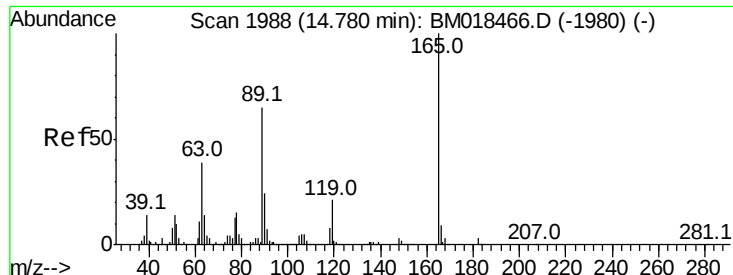
mohammad
2/5/2019 8:41:05 AM



#56
4-Nitrophenol
Concen: 50.860 ng
RT: 14.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	51.7	91.7
65	89.7	71.4	111.4





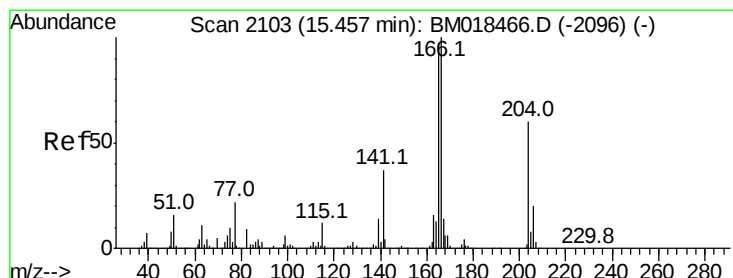
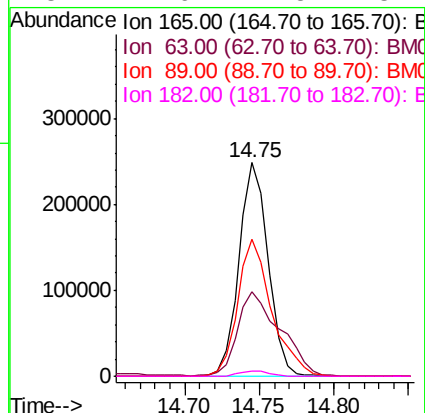
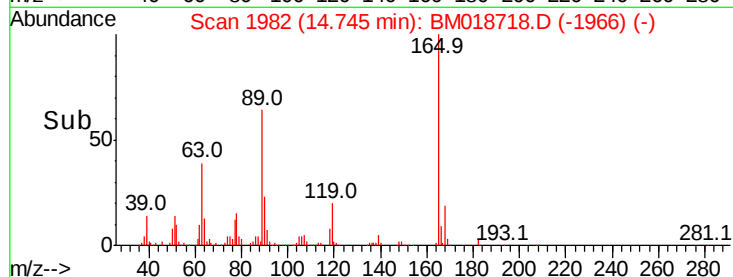
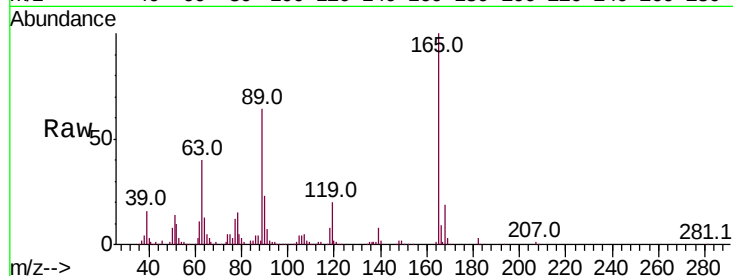
#57
2,4-Dinitrotoluene
Concen: 32.664 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.6	32.2	48.2	
89	64.1	52.1	78.1	
182	2.6	2.5	3.7	

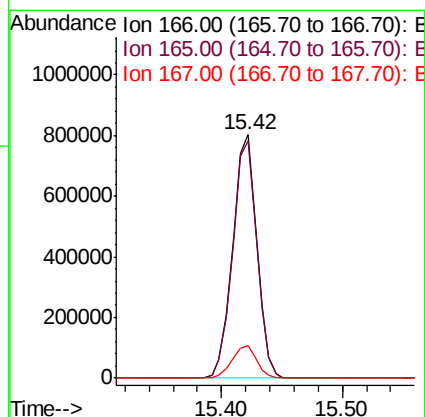
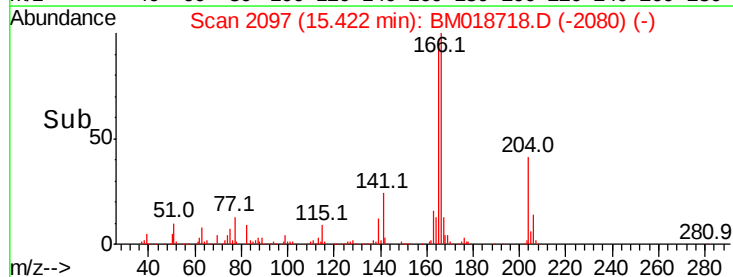
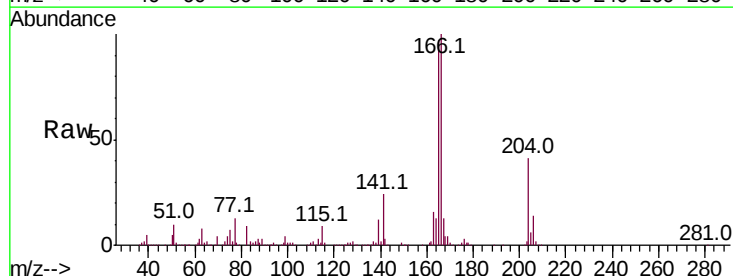
Manual Integrations
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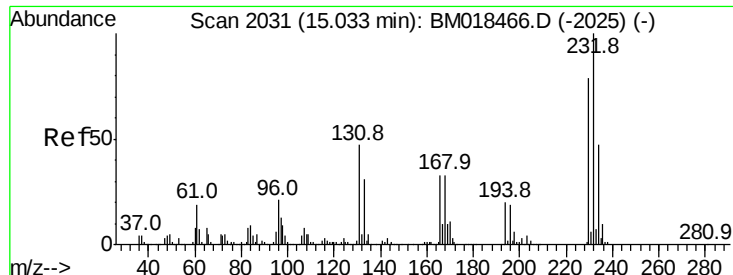
mohammad
2/5/2019 8:41:05 AM



#58
Fluorene
Concen: 35.920 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.2	78.3	117.5	
167	13.1	10.9	16.3	





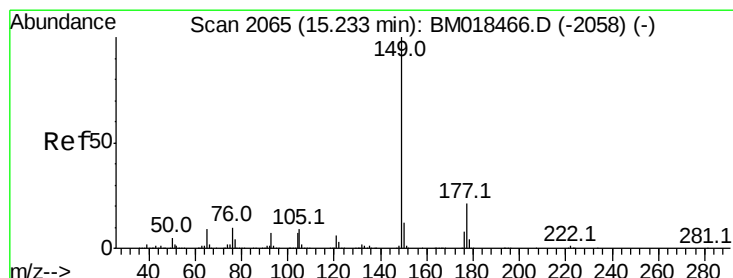
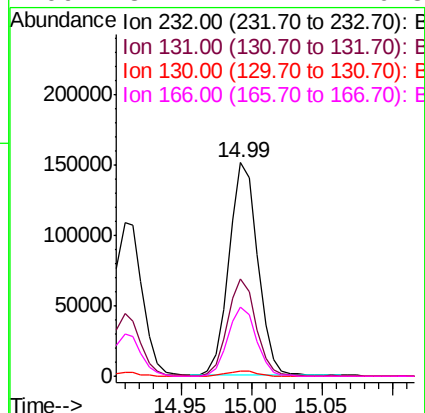
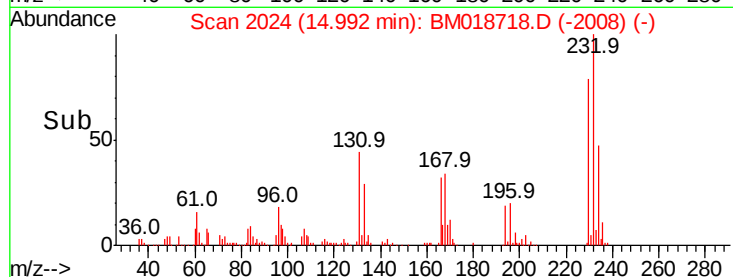
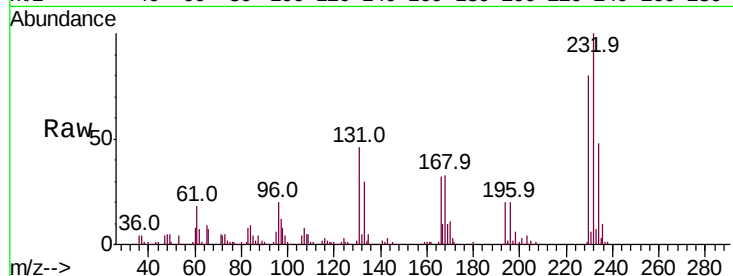
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.819 ng
RT: 14.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	214801		
131	45.5	38.6	57.8	
130	2.4	2.2	3.4	
166	32.4	27.2	40.8	

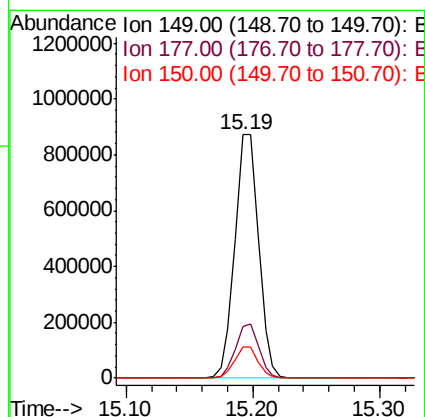
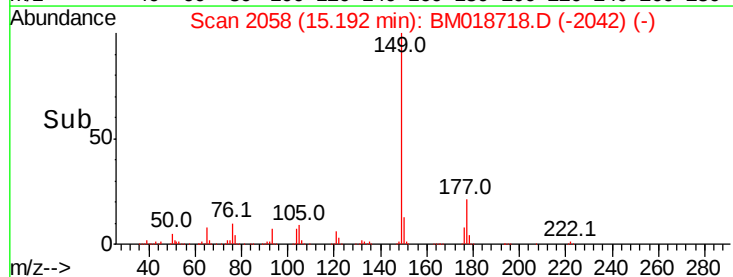
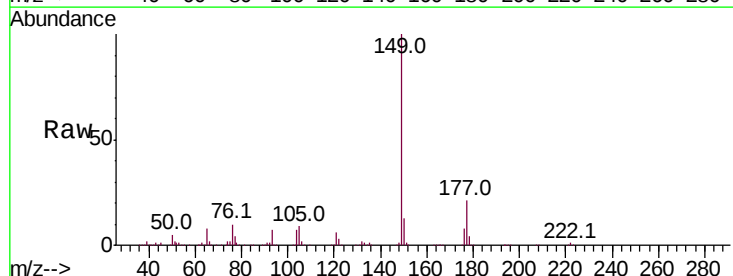
Manual Integrations
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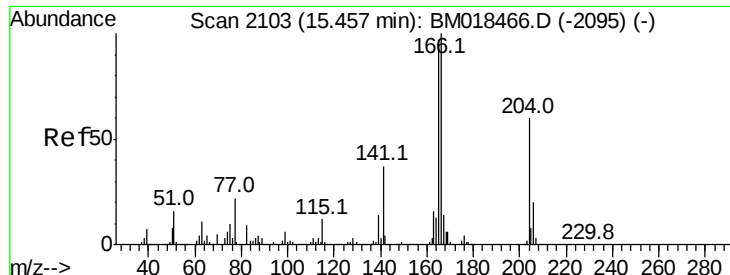
mohammad
2/5/2019 8:41:05 AM



#60
Diethylphthalate
Concen: 32.403 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1129022		
177	21.3	17.1	25.7	
150	12.7	9.8	14.6	





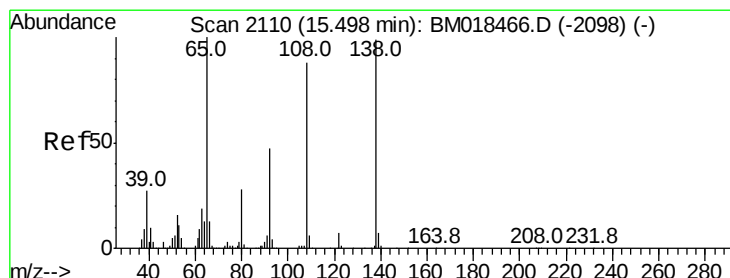
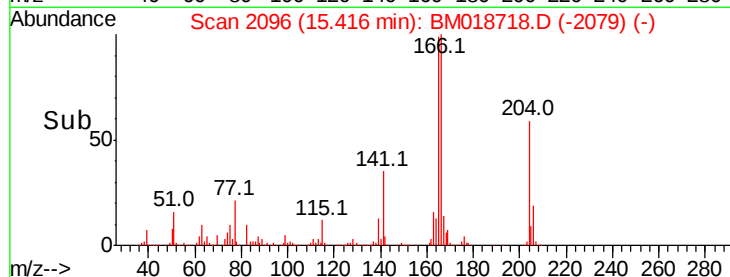
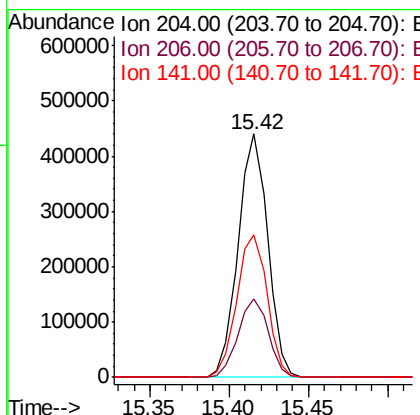
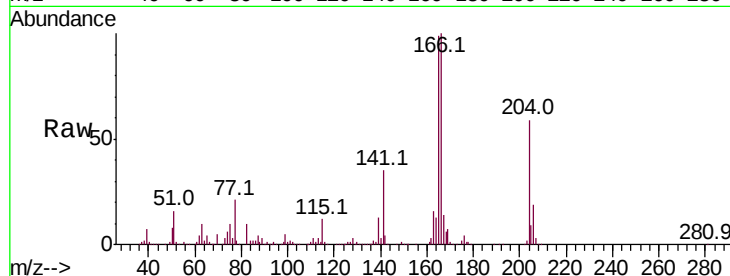
#61
4-Chlorophenyl-phenylether
Concen: 31.633 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.6
141	58.7	49.5	74.3

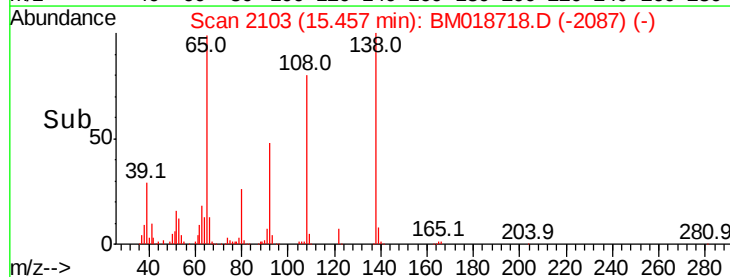
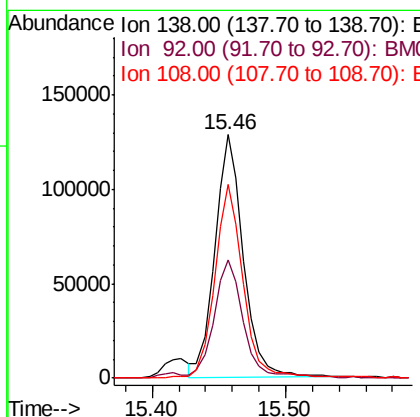
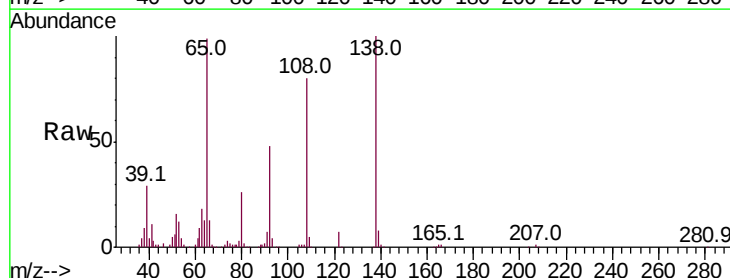
Manual Integrations
APPROVED

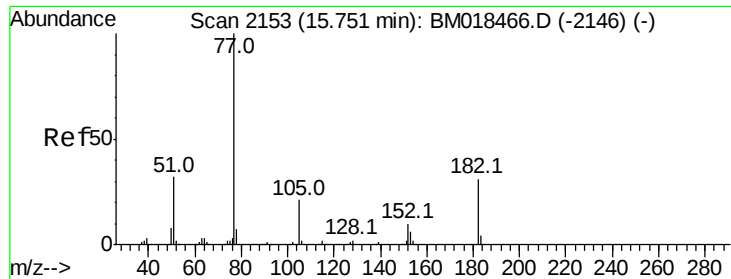
mohammad
2/5/2019 8:41:05 AM



#62
4-Nitroaniline
Concen: 23.803 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	29.0	69.0
108	79.7	63.9	103.9





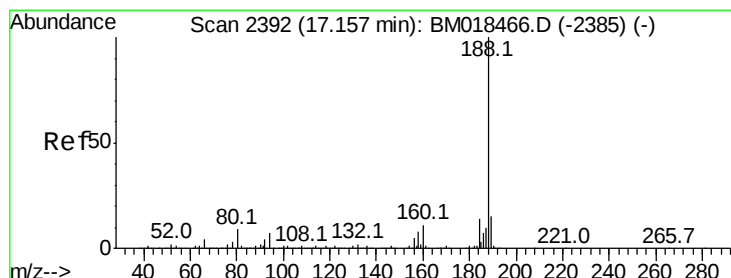
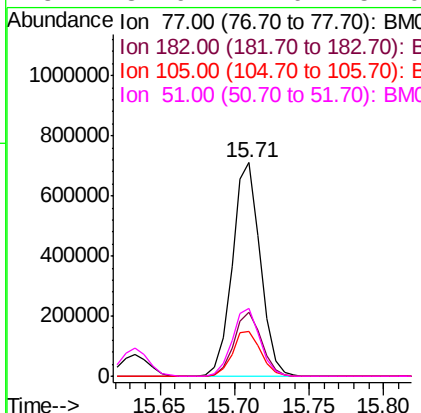
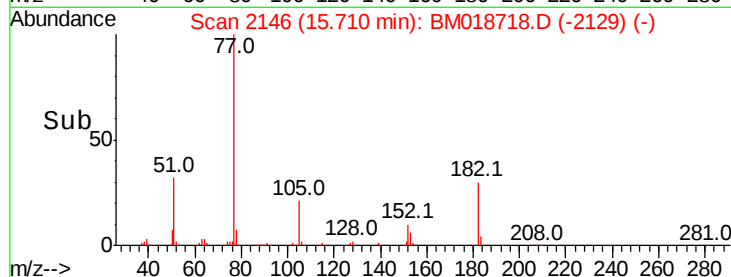
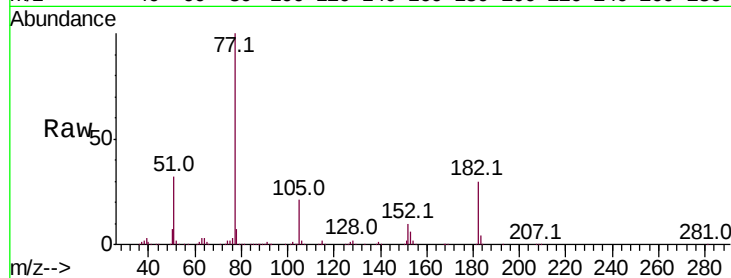
#63
Azobenzene
Concen: 32.536 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.4	47.4
105	21.3	0.0	39.6
51	31.9	12.0	52.0

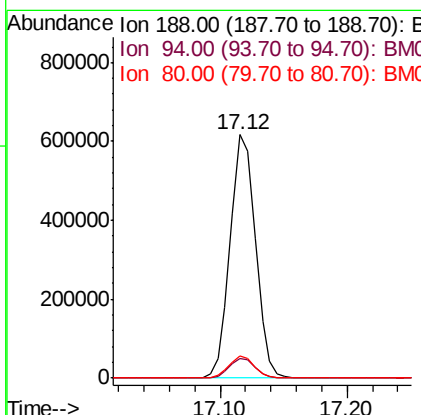
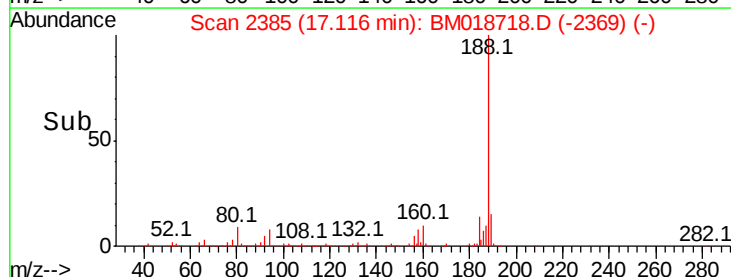
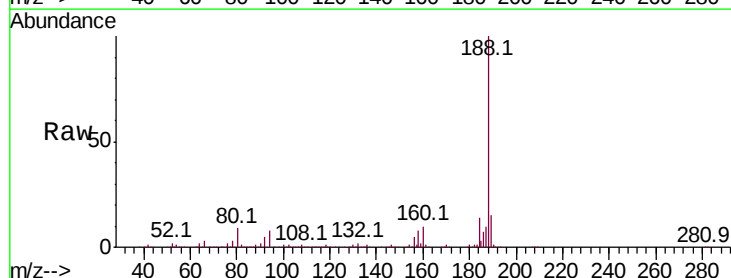
Manual Integrations
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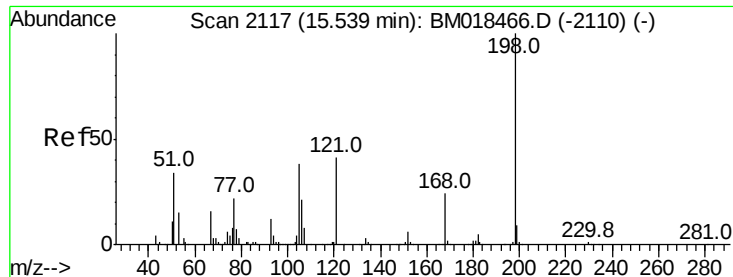
mohammad
2/5/2019 8:41:05 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	8.9	7.6	11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 16.850 ng

RT: 15.50 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

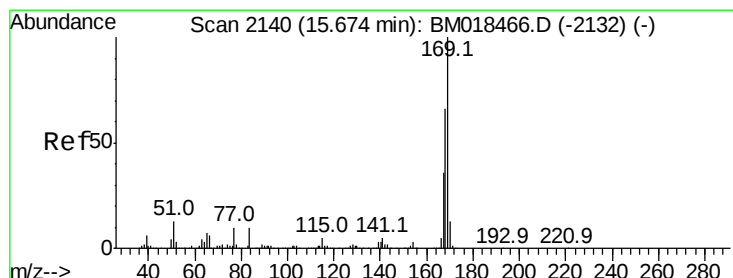
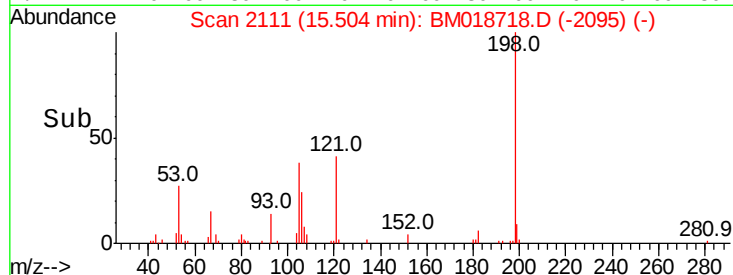
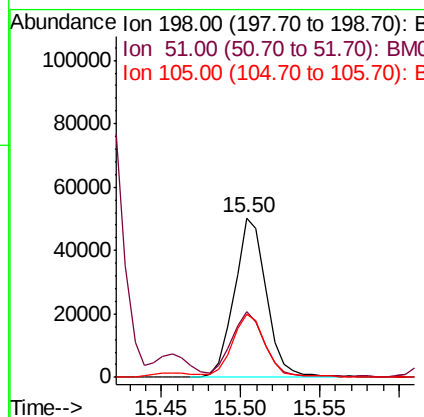
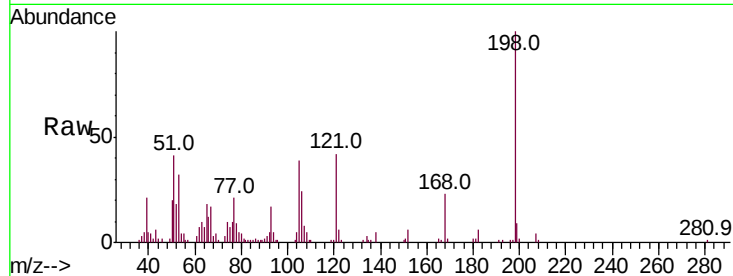
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	198	Resp:	70090
Ion Ratio	Lower	Upper	
198	100		
51	41.4	29.6	69.6
105	39.2	25.5	65.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 36.130 ng

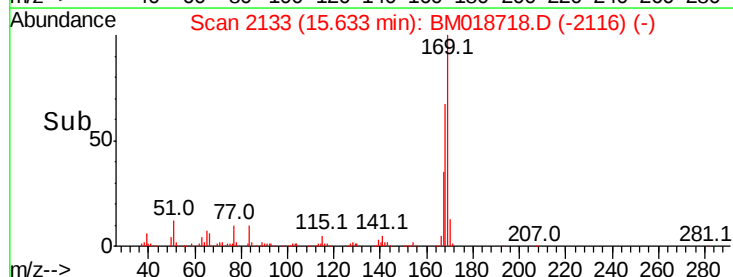
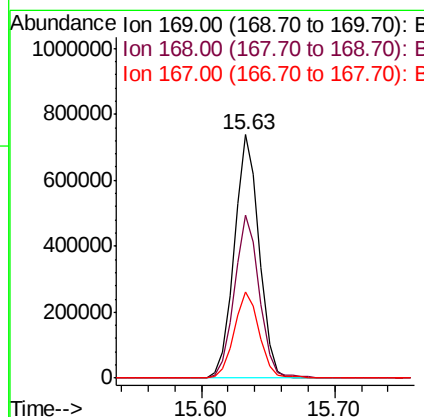
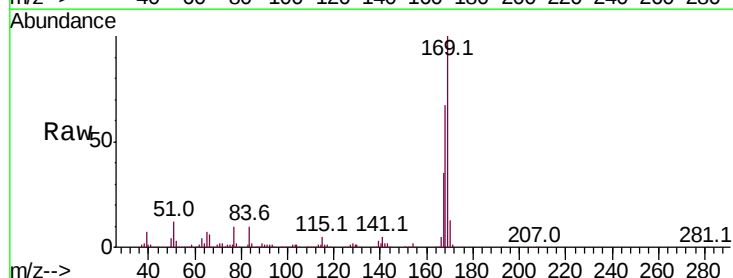
RT: 15.63 min Scan# 2133

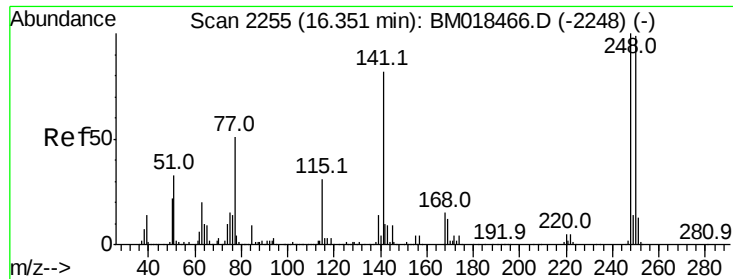
Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion:	169	Resp:	954822
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.1	81.1
167	35.5	28.6	42.8





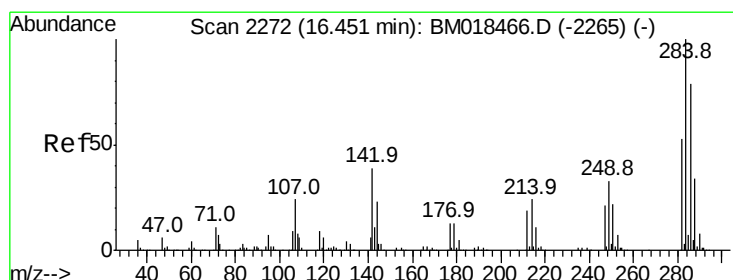
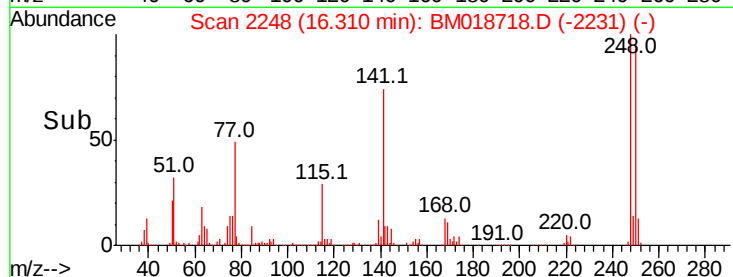
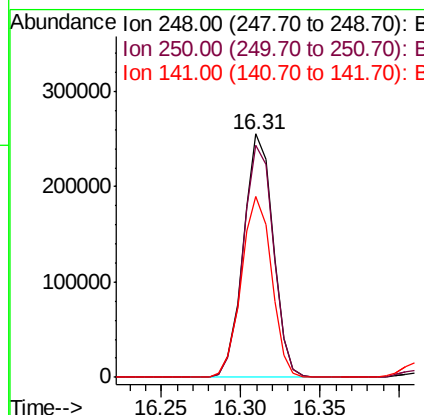
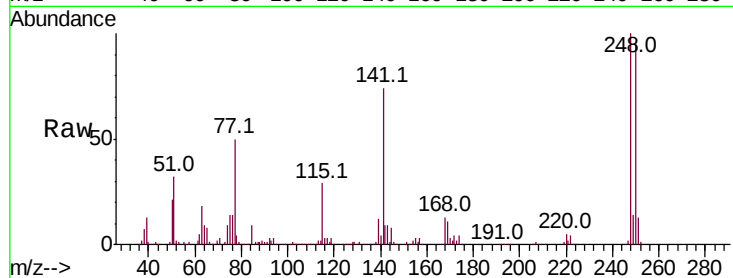
#67
4-Bromophenyl-phenylether
Concen: 34.929 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.0	114.0
141	74.3	61.5	92.3

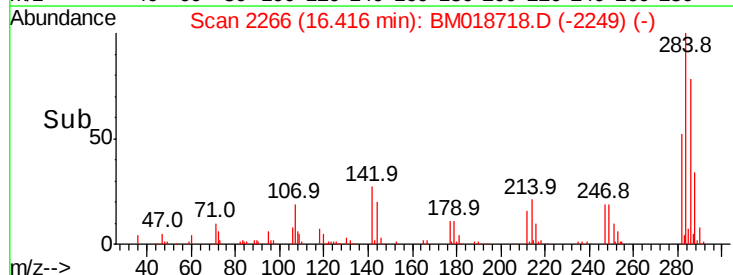
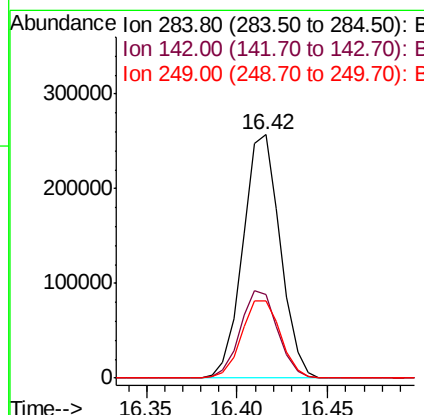
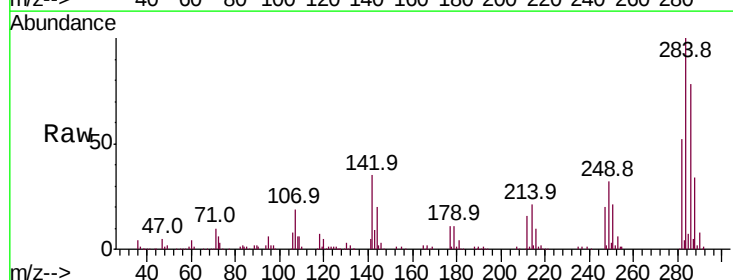
Manual Integrations
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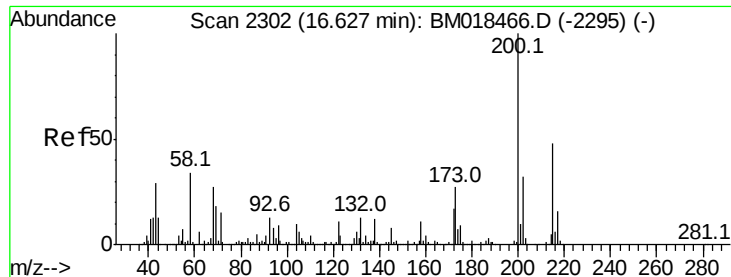
mohammad
2/5/2019 8:41:05 AM



#68
Hexachlorobenzene
Concen: 34.374 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	29.2	43.8
249	31.9	26.1	39.1





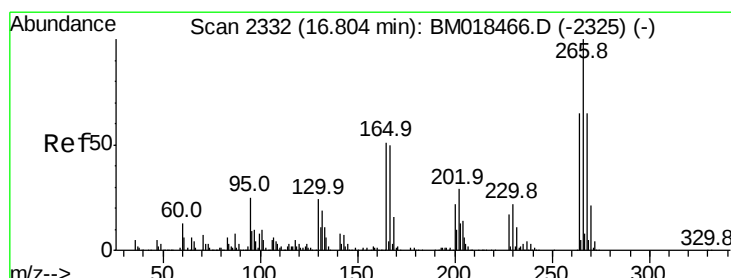
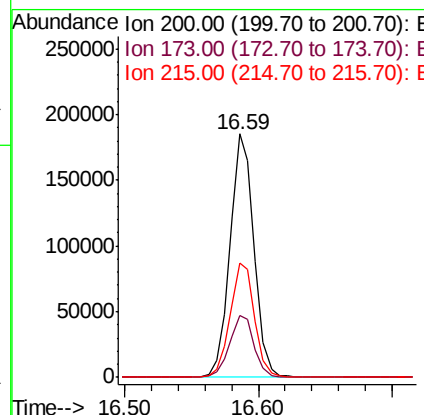
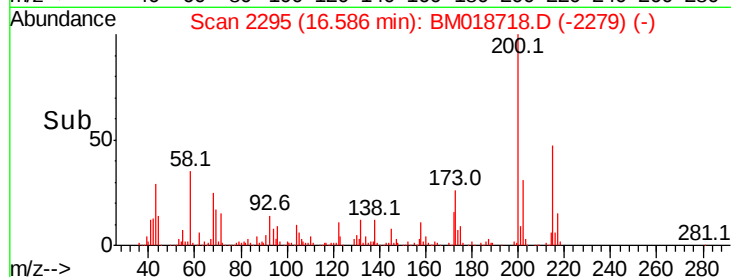
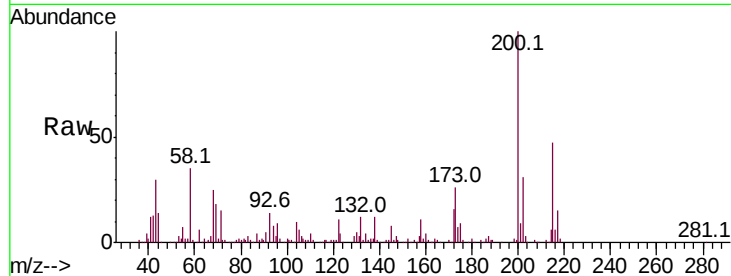
#69
Atrazine
Concen: 24.414 ng
RT: 16.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.2	47.2
215	46.8	28.3	68.3

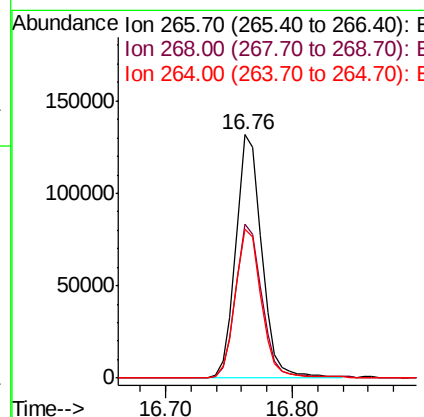
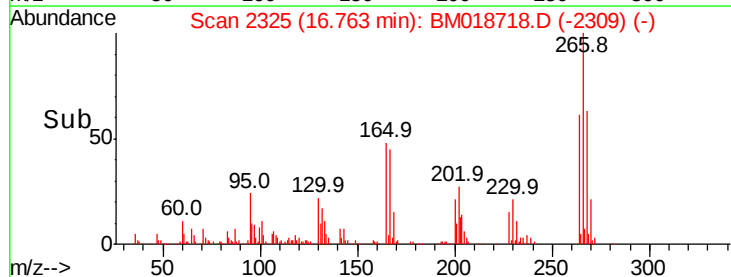
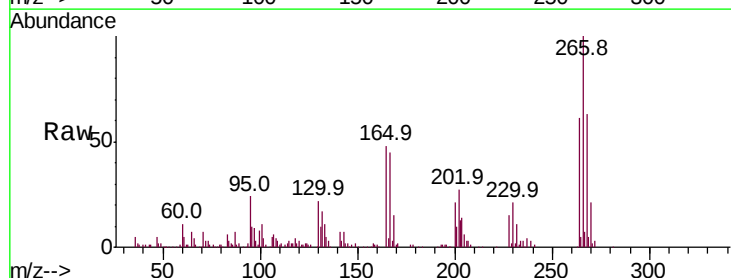
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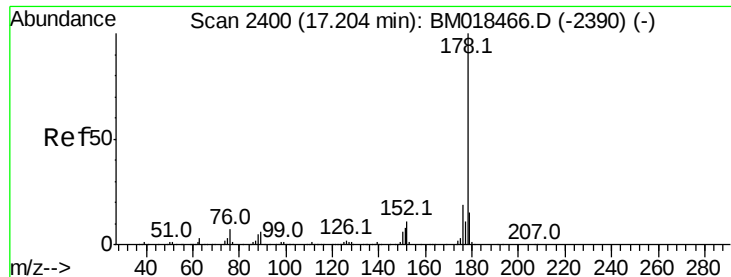
mohammad
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#70
Pentachlorophenol
Concen: 26.616 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.6
264	61.1	50.1	75.1





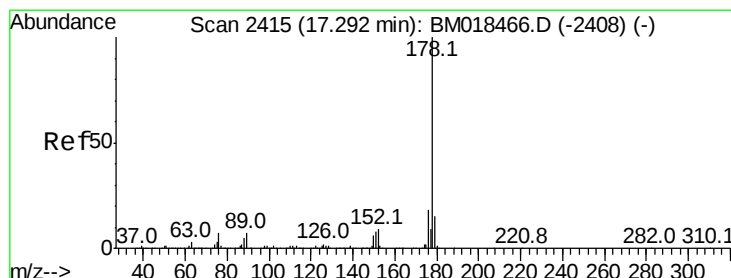
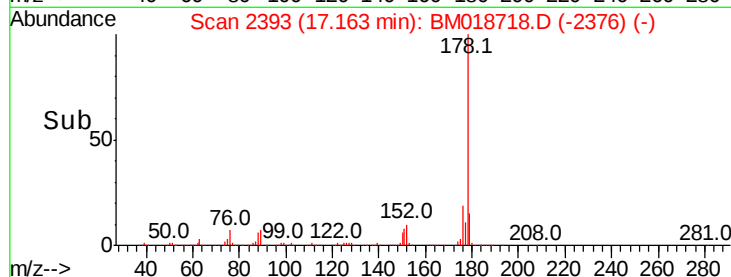
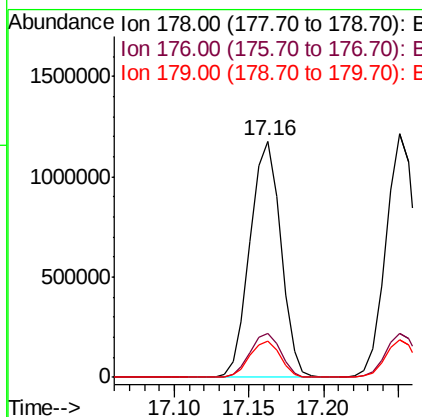
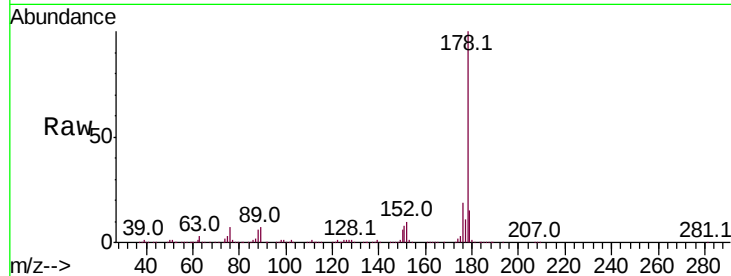
#71
Phenanthrene
Concen: 37.113 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.4	12.2	18.4

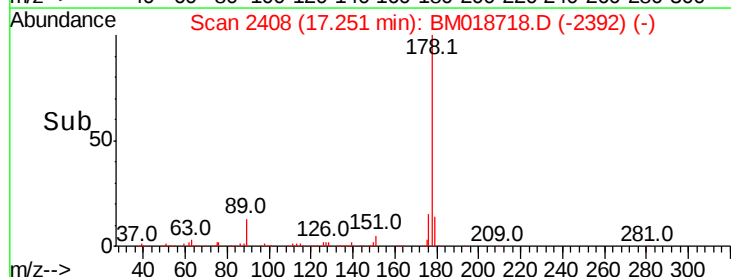
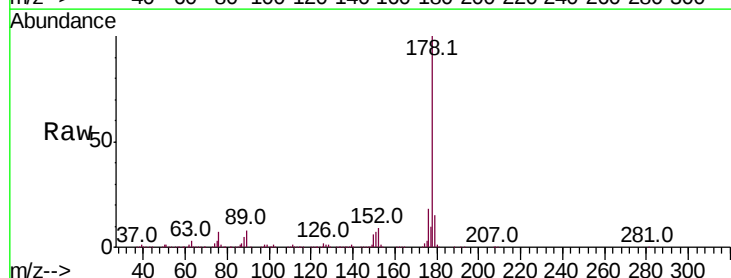
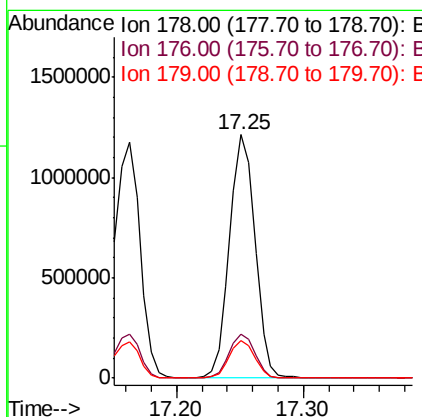
Manual Integrations
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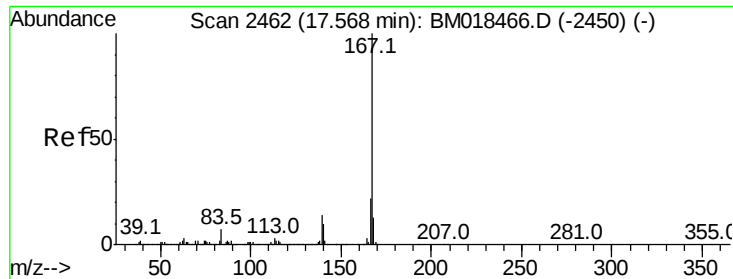
mohammad
2/5/2019 8:41:05 AM



#72
Anthracene
Concen: 38.794 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.3	12.2	18.4





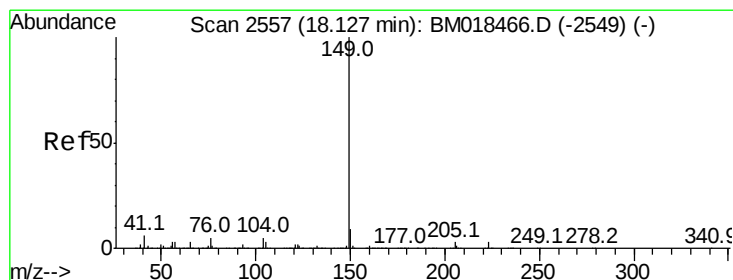
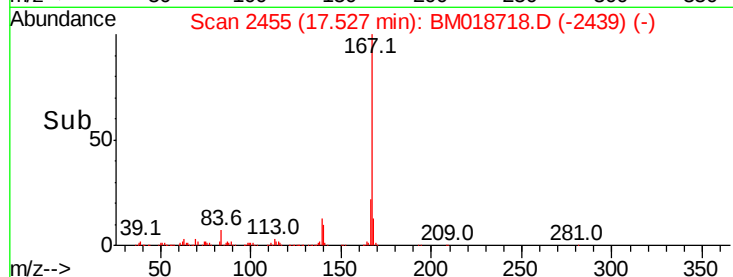
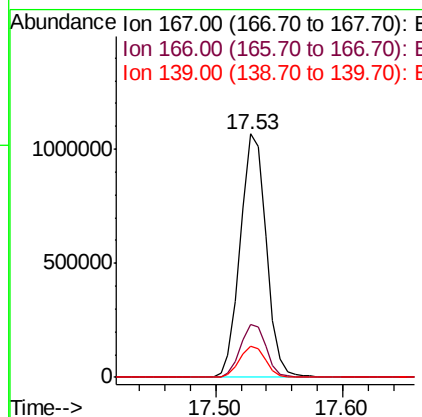
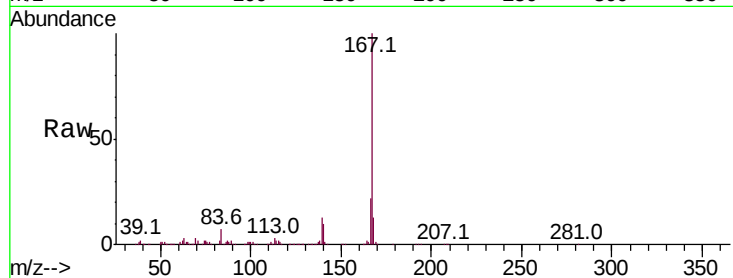
#73
 Carbazole
 Concen: 33.747 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018718.D
 Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.7	10.6	16.0

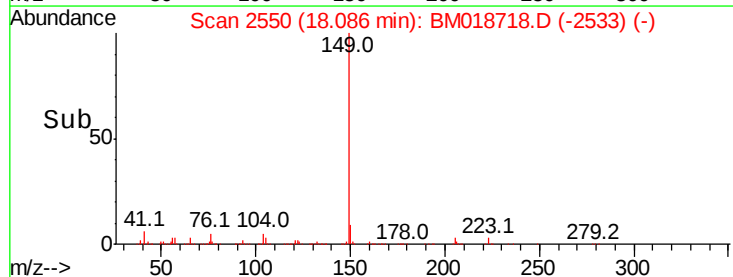
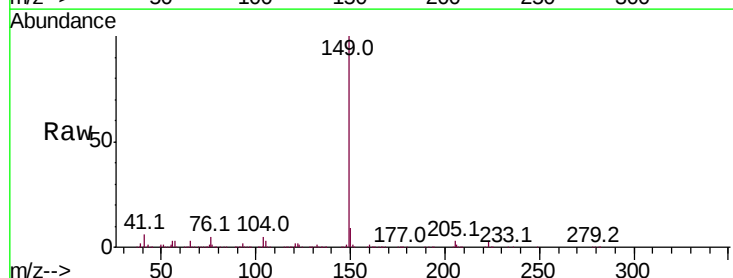
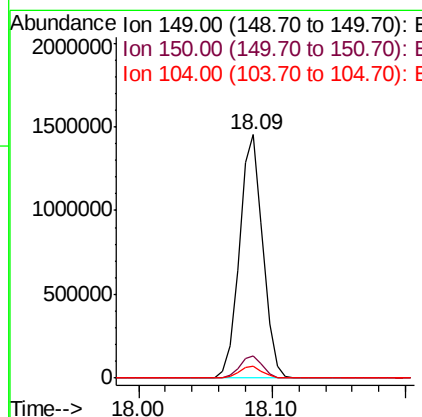
Manual Integrations
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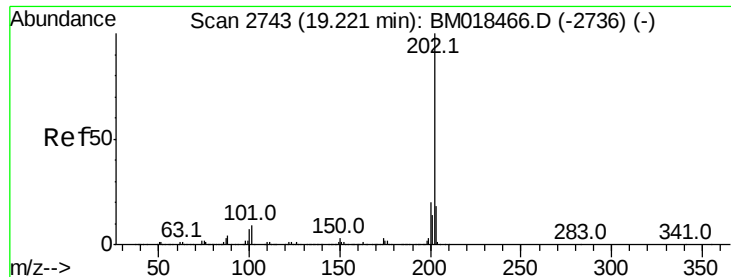
mohammad
 2/5/2019 8:41:05 AM



#74
 Di-n-butylphthalate
 Concen: 35.661 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BM018718.D
 Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	4.2	6.4





#75

Fluoranthene

Concen: 35.564 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:202 Resp: 1858088

Ion Ratio Lower Upper

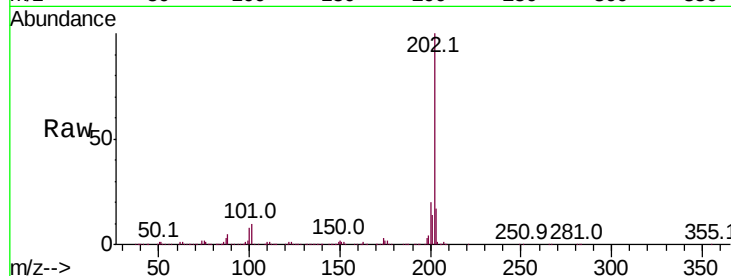
202 100

101 9.7 0.0 30.9

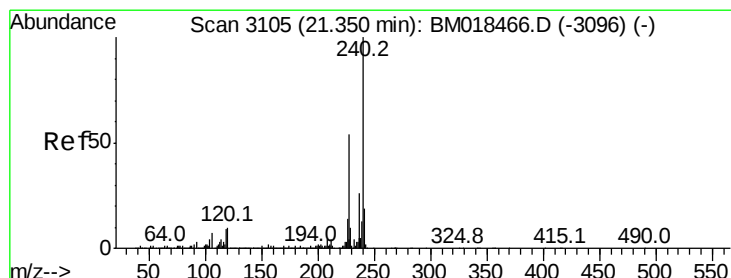
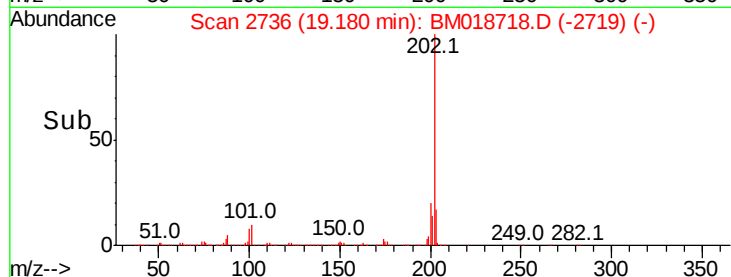
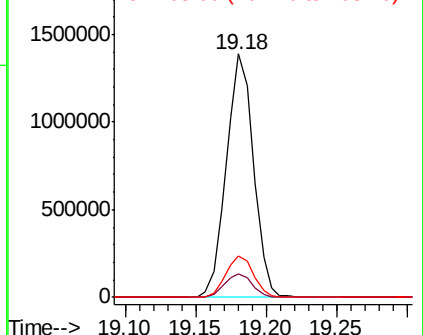
203 16.9 0.0 37.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

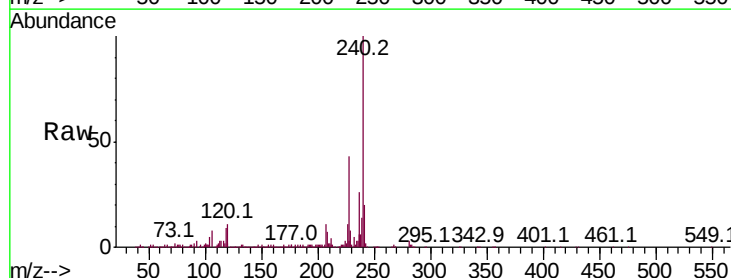
Tgt Ion:240 Resp: 828283

Ion Ratio Lower Upper

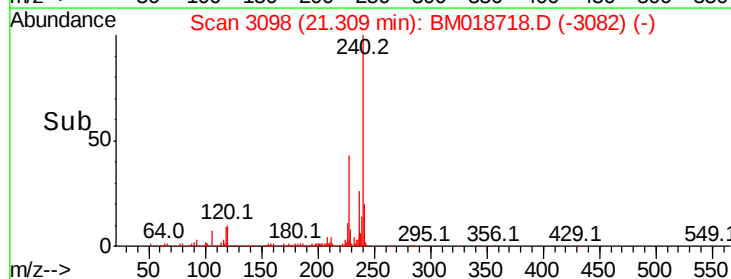
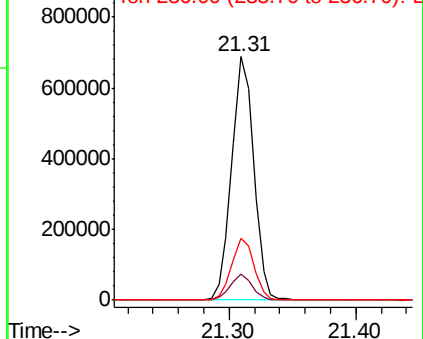
240 100

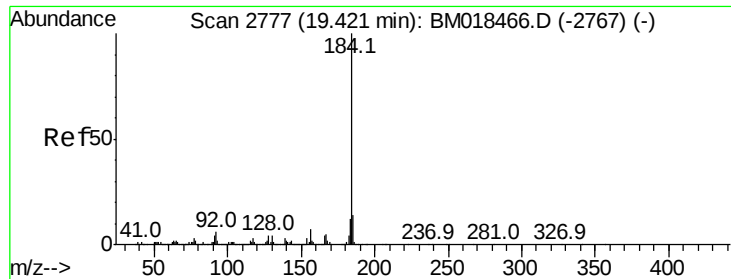
120 10.5 8.4 12.6

236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.159 ng

RT: 19.39 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

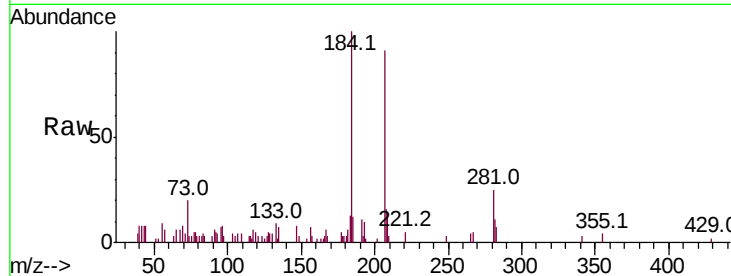
ClientSampleId :

FK-BPM-03-006-ABCDMS

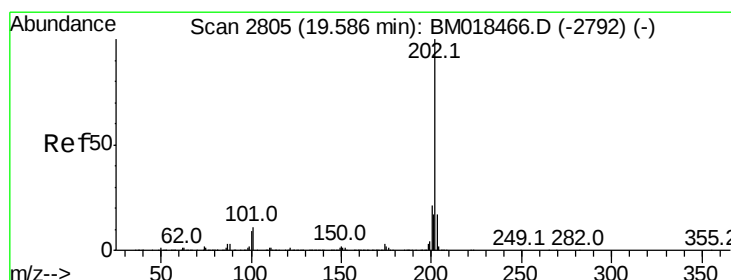
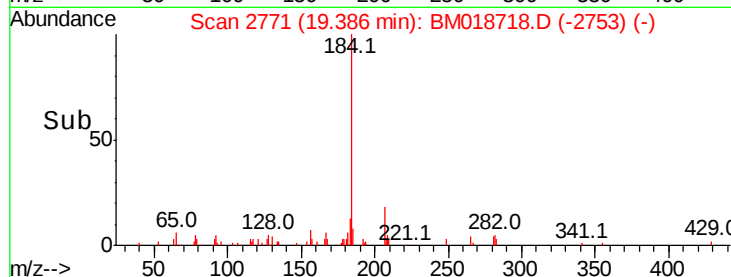
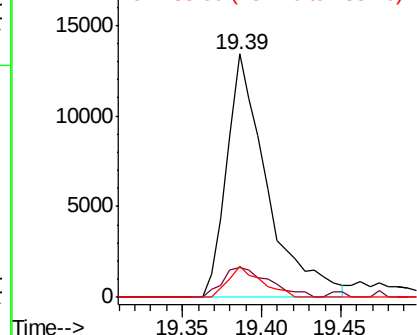
Tot Ion:	184	Resp:	23694
Ion Ratio	Lower	Upper	
184	100		
185	12.1	11.4	17.0
183	12.7	9.5	14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.282 ng

RT: 19.54 min Scan# 2798

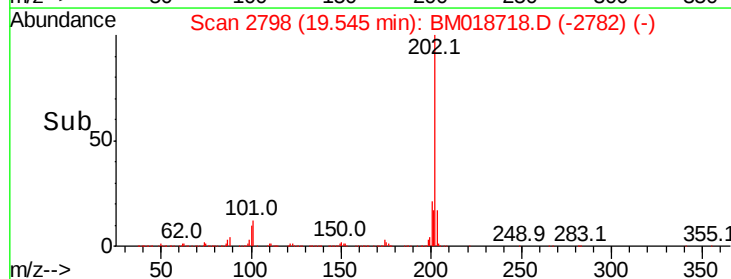
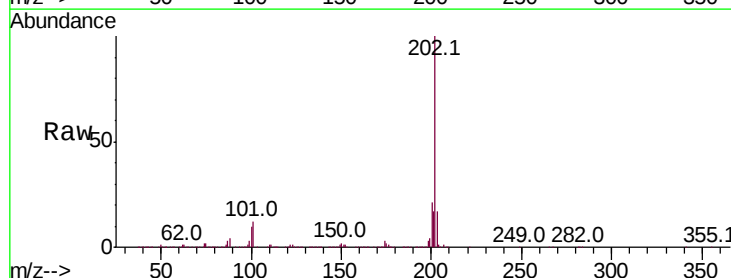
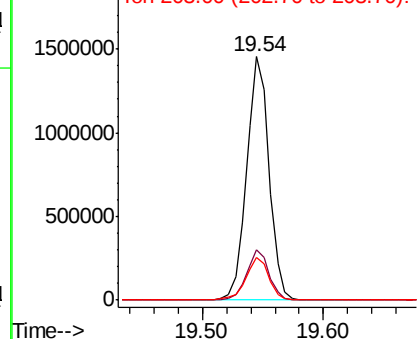
Delta R.T. -0.01 min

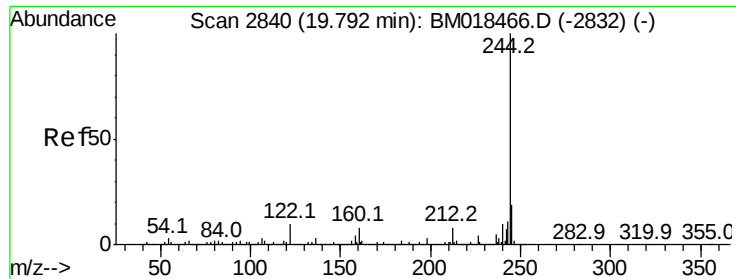
Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion:	202	Resp:	1879519
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	24.8
203	17.4	13.8	20.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





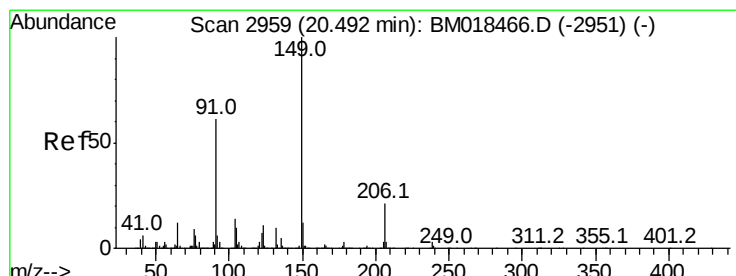
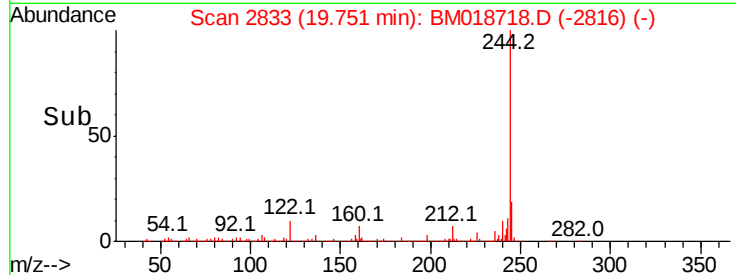
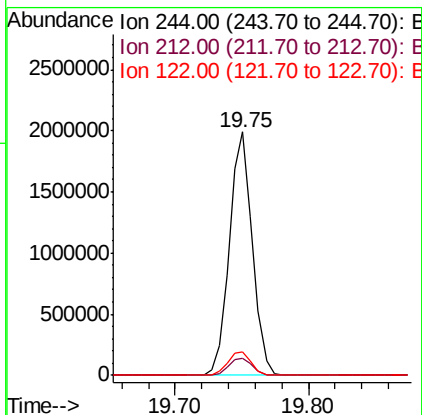
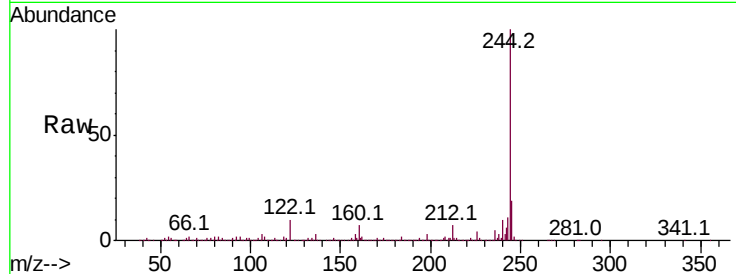
#79
 Terphenyl-d14
 Concen: 60.949 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM018718.D
 Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.6	9.0	13.4

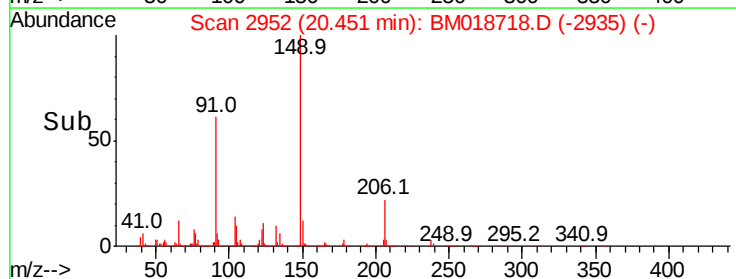
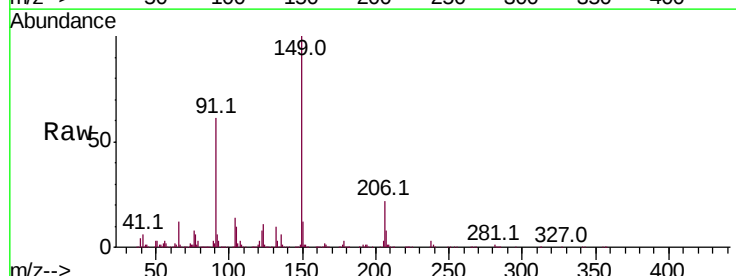
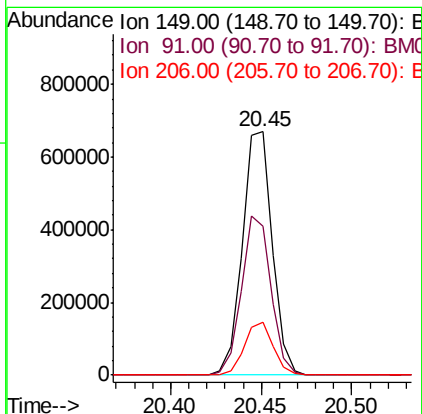
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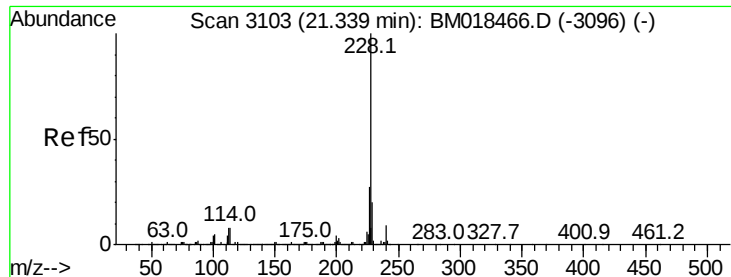
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.575 ng
 RT: 20.45 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BM018718.D
 Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.3	53.1	79.7
206	21.9	16.2	24.4





#81

Benzo(a)anthracene

Concen: 37.739 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:228 Resp: 1841516

Ion Ratio Lower Upper

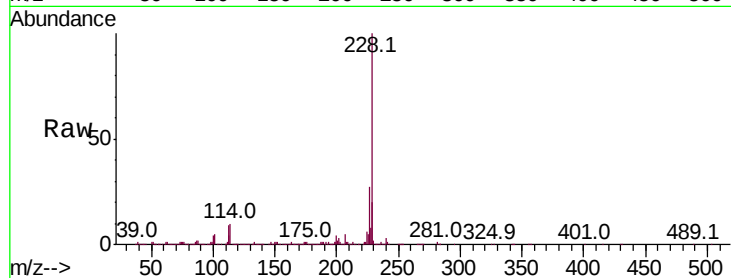
228 100

226 26.7 21.8 32.6

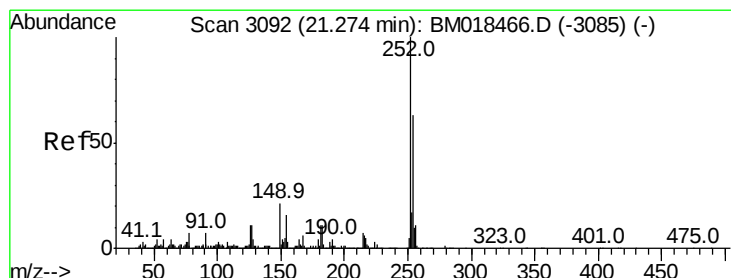
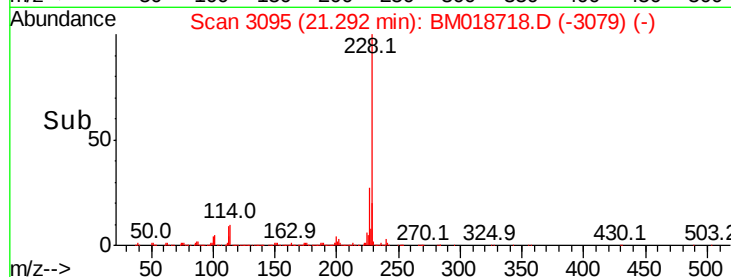
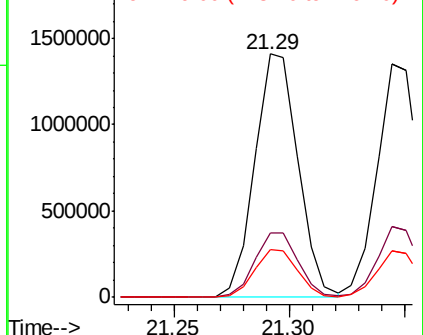
229 19.7 15.8 23.8

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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: 6.568 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

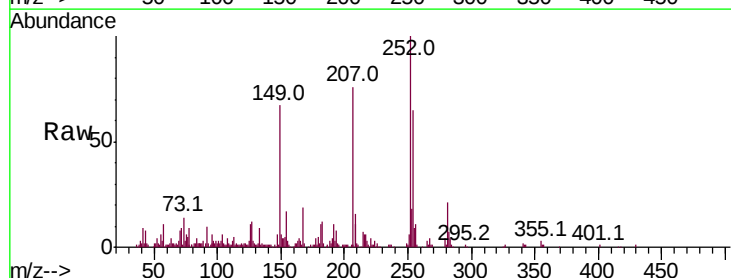
Tgt Ion:252 Resp: 121187

Ion Ratio Lower Upper

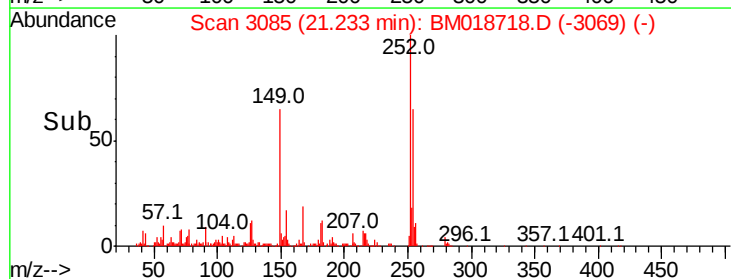
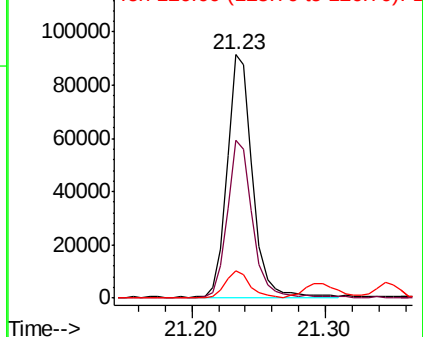
252 100

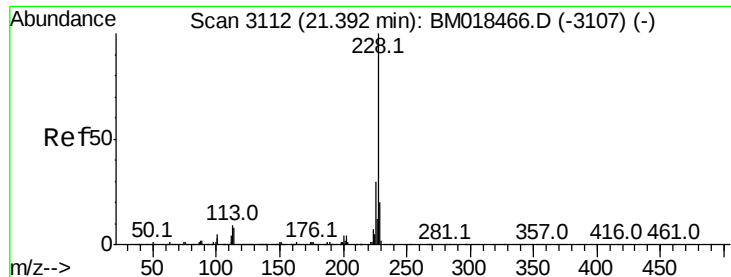
254 64.8 51.4 77.0

126 11.0 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





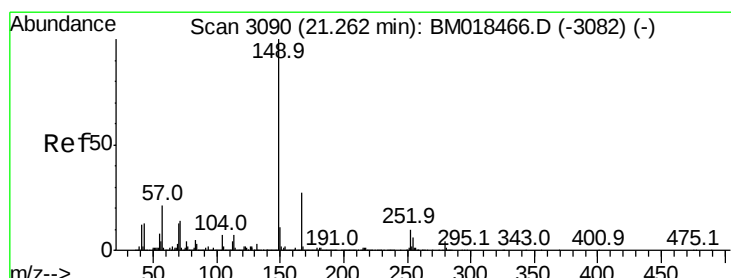
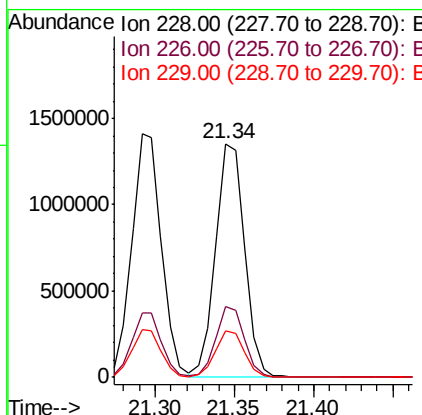
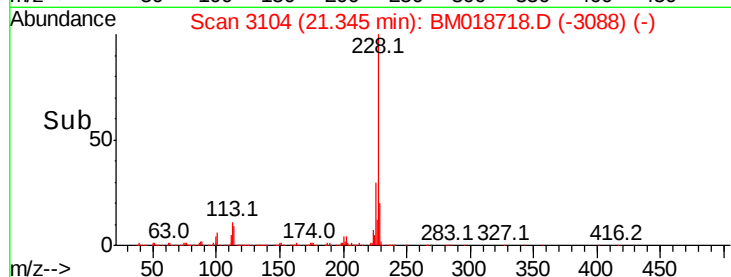
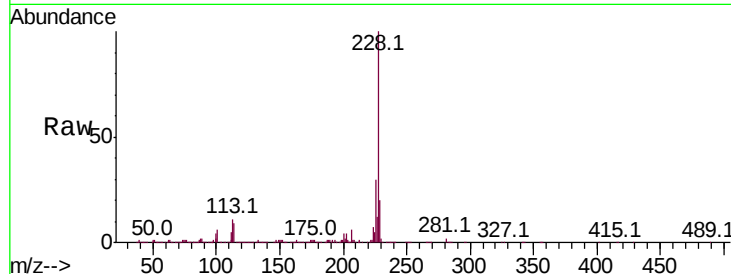
#83
Chrysene
Concen: 36.550 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion:228 Resp: 1722200
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.8 15.6 23.4

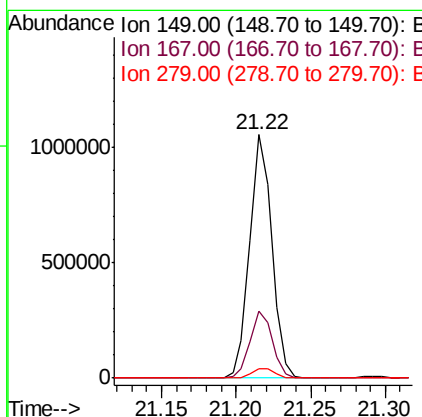
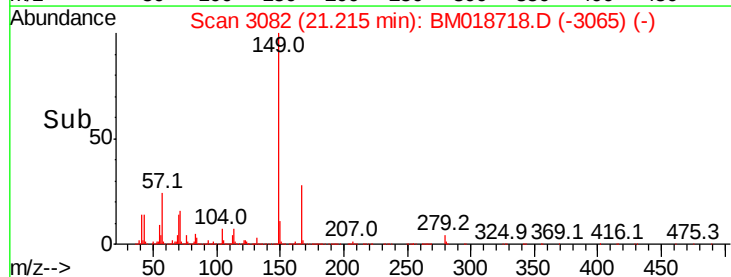
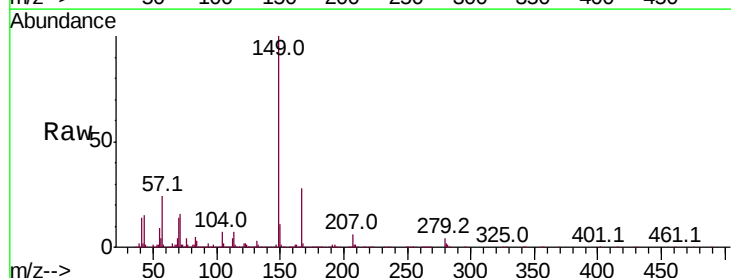
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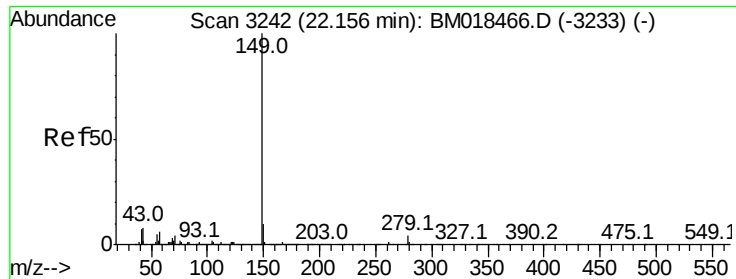
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.676 ng
RT: 21.22 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion:149 Resp: 1079255
Ion Ratio Lower Upper
149 100
167 27.7 21.6 32.4
279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.491 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

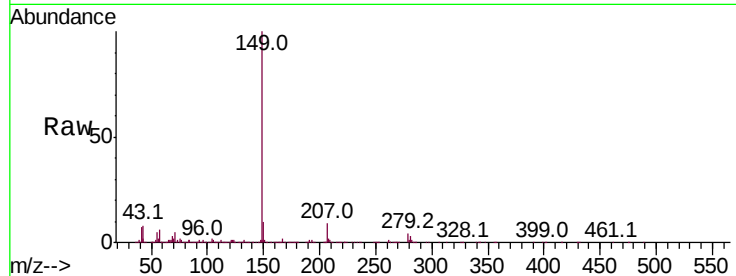
ClientSampleId :

FK-BPM-03-006-ABCDMS

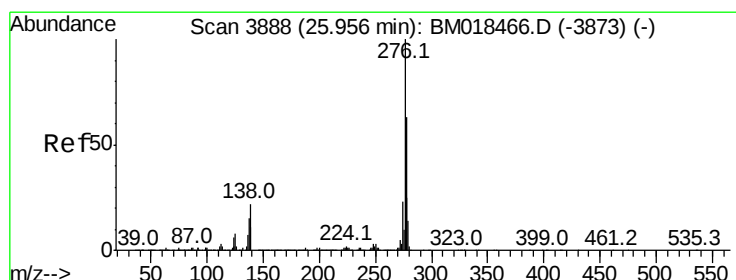
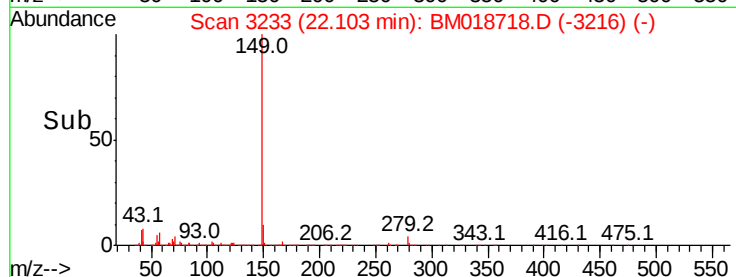
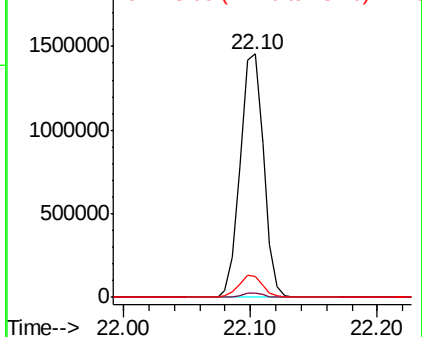
Tot Ion:	149	Resp:	1856721
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.7	8.6	12.8

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.484 ng

RT: 25.86 min Scan# 3872

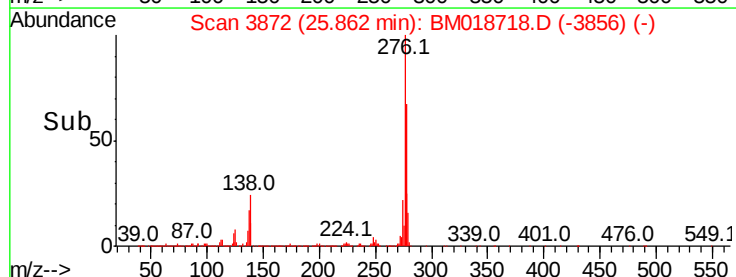
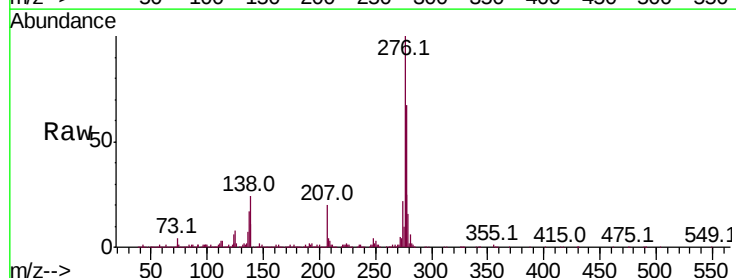
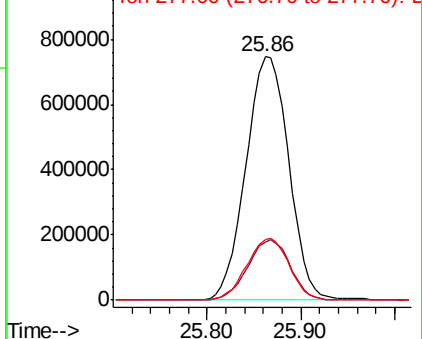
Delta R.T. -0.01 min

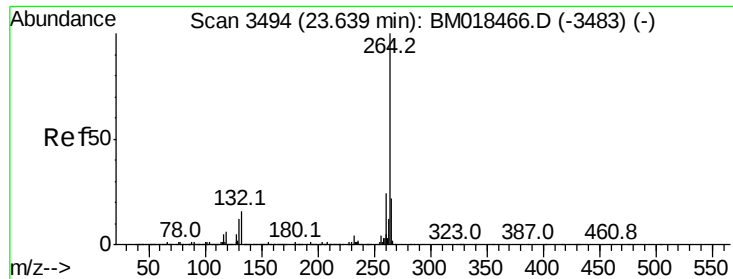
Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion:	276	Resp:	2362621
Ion Ratio	Lower	Upper	
276	100		
138	24.8	21.5	32.3
277	25.2	20.2	30.2

Abundance Ion 276.00 (275.70 to 276.70): E
1000000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

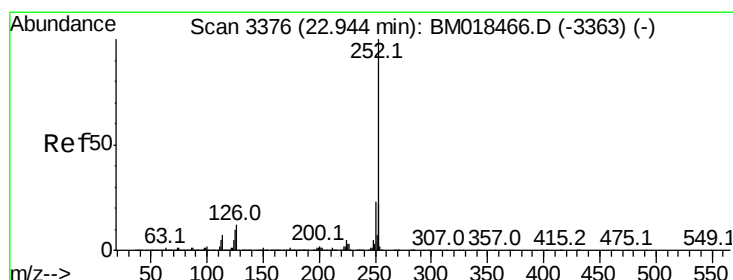
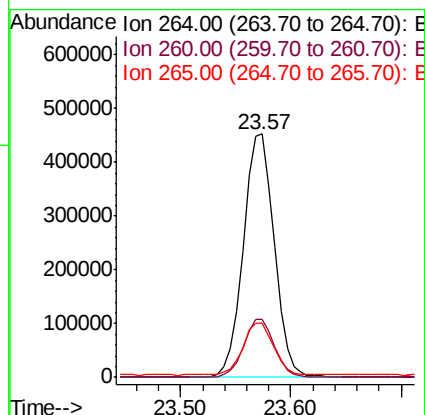
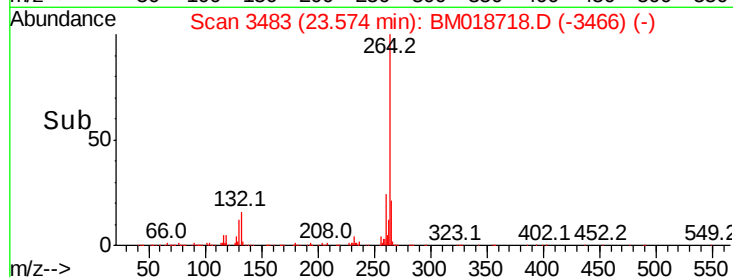
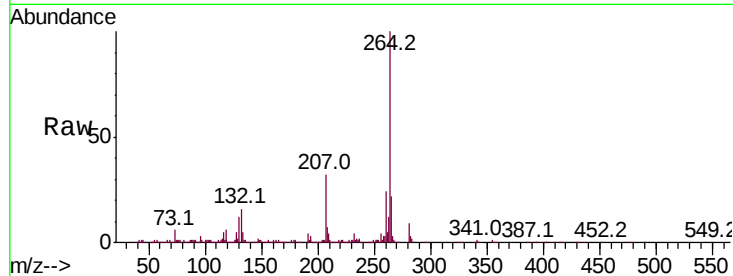
ClientSampleId :

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Tot Ion:	264	Resp:	892874
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	22.2	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 36.064 ng

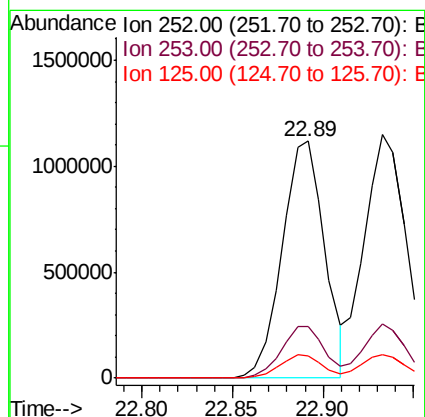
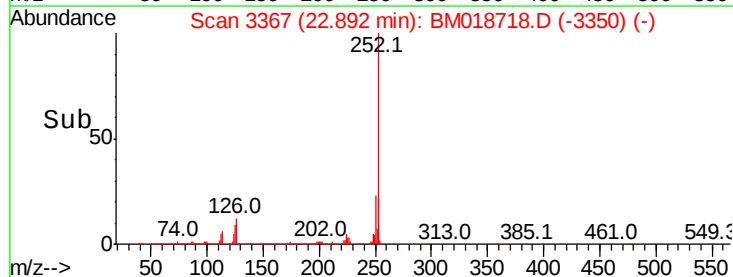
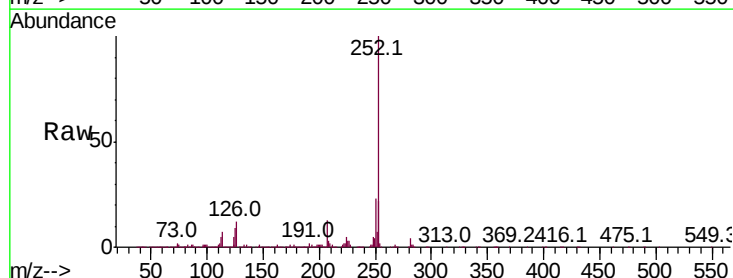
RT: 22.89 min Scan# 3367

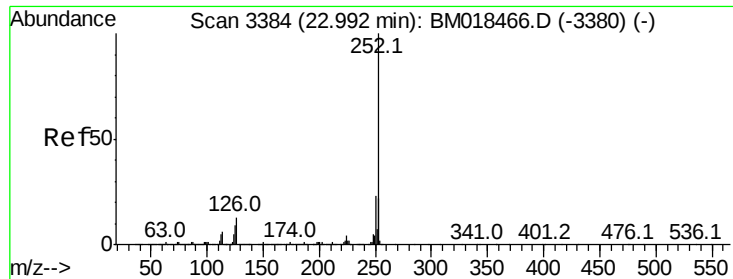
Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion:	252	Resp:	1828101
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	9.5	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 36.137 ng

RT: 22.93 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Instrument :

BNA_M

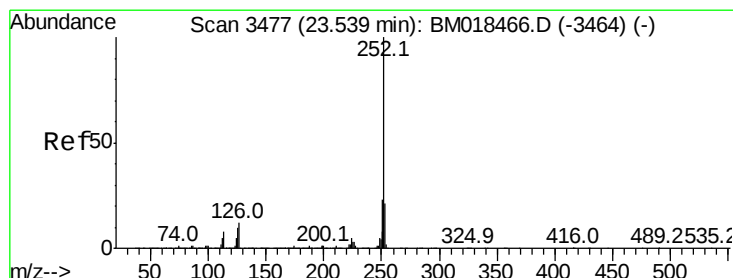
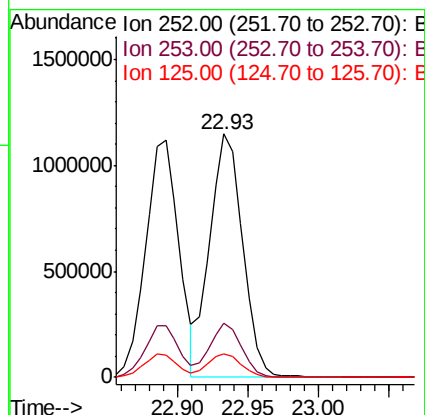
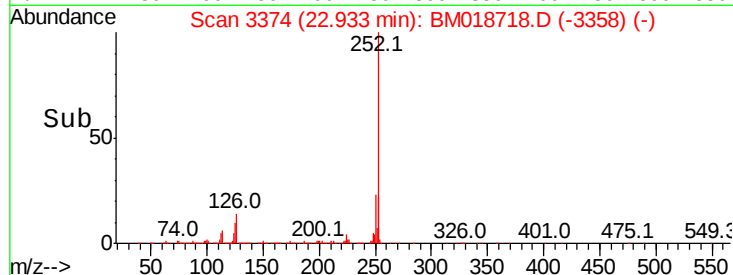
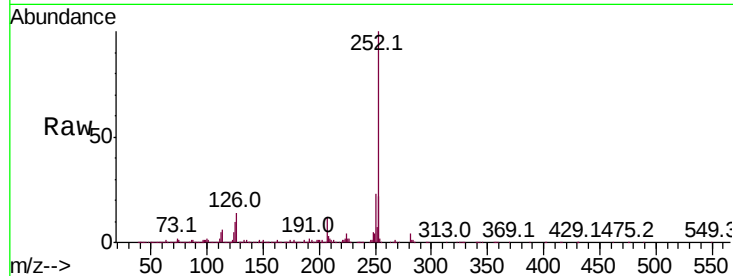
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	252	Resp:	1846071
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	9.9	8.6	12.8

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#90

Benzo(a)pyrene

Concen: 38.080 ng

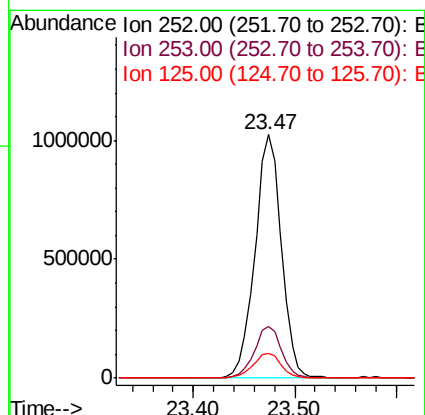
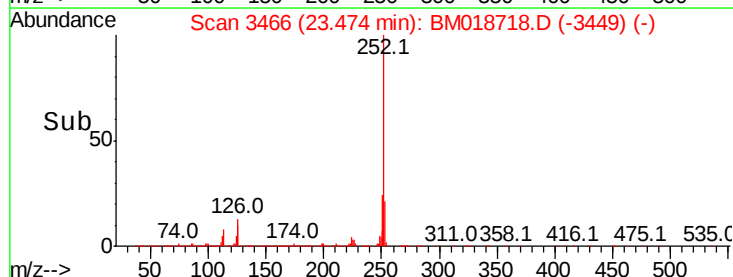
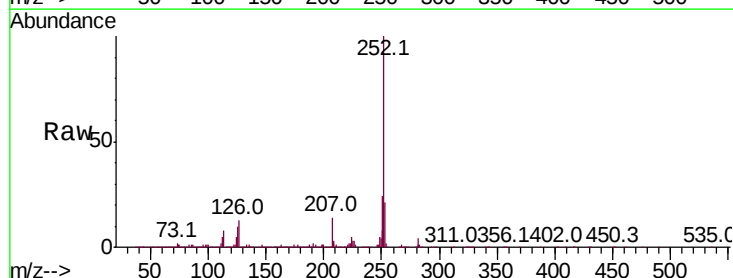
RT: 23.47 min Scan# 3466

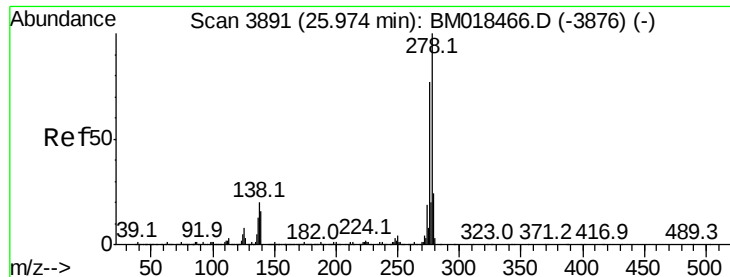
Delta R.T. 0.00 min

Lab File: BM018718.D

Acq: 04 Feb 2019 14:47

Tgt Ion:	252	Resp:	1847968
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	10.2	9.7	14.5





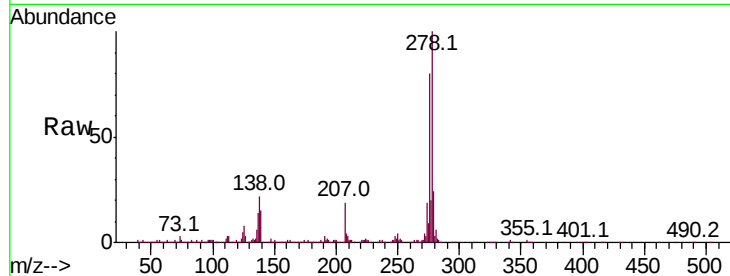
#91
Dibenzo(a,h)anthracene
Concen: 40.506 ng
RT: 25.88 min Scan# 3875
Delta R.T. 0.00 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.2	19.8
279	23.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
2/5/2019 8:41:05 AM

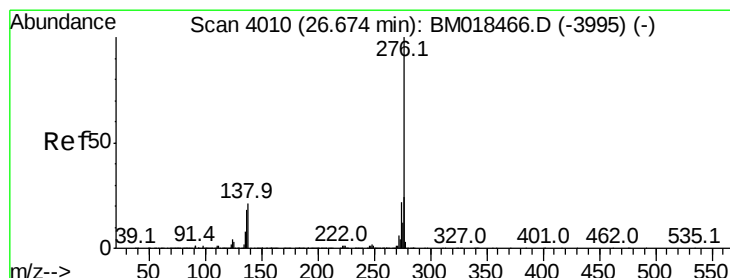
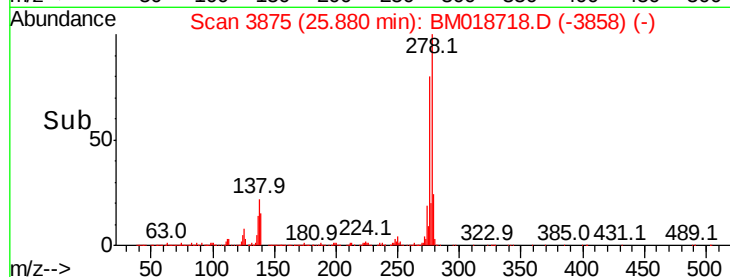
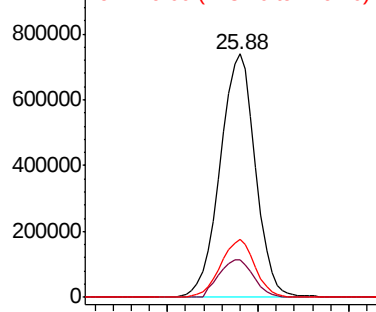


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.624 ng
RT: 26.57 min Scan# 3992
Delta R.T. -0.01 min
Lab File: BM018718.D
Acq: 04 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.8	18.1	27.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

