

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018723.D
 Acq On : 04 Feb 2019 17:48
 Operator : JU/SJ
 Sample : K1361-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:41:25 AM

Quant Time: Feb 05 02:46:42 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	224140	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	837967	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	418302	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	841382	20.00	ng	0.00
76) Chrysene-d12	21.32	240	818291	20.00	ng	0.00
87) Perylene-d12	23.57	264	889156	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1511064	124.48	ng	0.00
7) Phenol-d6	6.89	99	1897735	123.09	ng	0.00
23) Nitrobenzene-d5	8.89	82	1121621	77.59	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	596324	111.96	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	2470734	77.07	ng	0.00
79) Terphenyl-d14	19.75	244	2999236	77.26	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.26	88	214083	43.272	ng	98
3) Pyridine	3.66	79	251816	20.415	ng	98
4) n-Nitrosodimethylamine	3.58	42	289804	56.818	ng	# 92
6) Aniline	7.06	93	636726	37.023	ng	98
8) 2-Chlorophenol	7.29	128	744141	52.489	ng	95
9) Benzaldehyde	6.87	77	399213	47.553	ng	99
10) Phenol	6.92	94	942813	60.179	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	600224	48.758	ng	98
12) 1,3-Dichlorobenzene	7.60	146	813389	48.176	ng	99
13) 1,4-Dichlorobenzene	7.75	146	831496	48.591	ng	100
14) 1,2-Dichlorobenzene	8.07	146	792707	48.854	ng	99
15) Benzyl Alcohol	7.97	79	563343	50.590	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	803686	51.087	ng	97
17) 2-Methylphenol	8.16	107	555609	52.246	ng	99
18) Hexachloroethane	8.78	117	290224	47.567	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	464492	46.295	ng	93
20) 3+4-Methylphenols	8.49	107	738209	50.284	ng	98
22) Acetophenone	8.55	105	972298	46.905	ng	98
24) Nitrobenzene	8.93	77	709467	49.883	ng	99
25) Isophorone	9.45	82	1204005	55.005	ng	99
26) 2-Nitrophenol	9.63	139	368535	53.588	ng	95
27) 2,4-Dimethylphenol	9.69	122	596823	57.899	ng	98
28) bis(2-Chloroethoxy)methane	9.93	93	770562	50.959	ng	98
29) 2,4-Dichlorophenol	10.16	162	639850	52.129	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	740937	48.633	ng	99
31) Naphthalene	10.56	128	2141379	53.061	ng	99
32) Benzoic acid	9.80	122	195052m	30.799	ng	
33) 4-Chloroaniline	10.68	127	290792	18.296	ng	99
34) Hexachlorobutadiene	10.82	225	444789	46.212	ng	99
35) Caprolactam	11.49	113	139913m	33.527	ng	
36) 4-Chloro-3-methylphenol	11.80	107	622745	48.359	ng	99
37) 2-Methylnaphthalene	12.17	142	1507653	52.875	ng	99
38) 1-Methylnaphthalene	12.40	142	1429686	51.821	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	771967	52.774	ng	99

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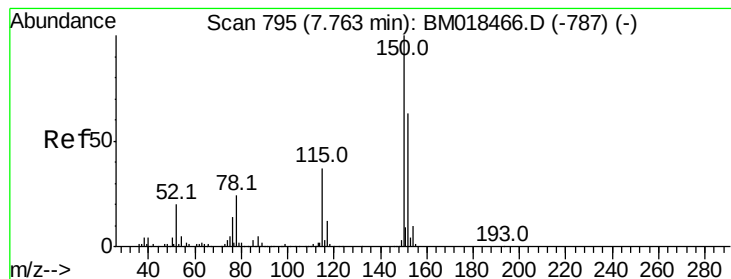
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	928912	115.706	nq	100
43) 2,4,6-Trichlorophenol	12.79	196	486566	54.776	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	506501	54.216	nq	98
46) 1,1'-Biphenyl	13.20	154	1860088	50.928	nq	99
47) 2-Chloronaphthalene	13.24	162	1448783	51.152	nq	99
48) 2-Nitroaniline	13.46	65	358131	51.396	nq	92
49) Acenaphthylene	14.09	152	2258151	54.709	nq	99
50) Dimethylphthalate	13.83	163	1921717	55.939	nq	99
51) 2,6-Dinitrotoluene	13.96	165	369451	50.770	nq	90
52) Acenaphthene	14.43	154	1294202	51.246	nq	99
53) 3-Nitroaniline	14.29	138	235558	32.108	nq	97
54) 2,4-Dinitrophenol	14.50	184	338315	85.351	nq	93
55) Dibenzofuran	14.77	168	2051954	49.175	nq	100
56) 4-Nitrophenol	14.60	139	609152	96.113	nq	97
57) 2,4-Dinitrotoluene	14.74	165	500118	48.573	nq	99
58) Fluorene	15.42	166	1609911	51.791	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	436926	52.764	nq	96
60) Diethylphthalate	15.20	149	1627528	46.929	nq	99
61) 4-Chlorophenyl-phenylether	15.42	204	823245	45.951	nq	98
62) 4-Nitroaniline	15.46	138	332355	41.533	nq	95
63) Azobenzene	15.71	77	1367468	48.362	nq	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	253348	47.326	nq	88
66) n-Nitrosodiphenylamine	15.63	169	1376088	52.725	nq	100
67) 4-Bromophenyl-phenylether	16.31	248	478178	50.786	nq	99
68) Hexachlorobenzene	16.42	284	530967	50.373	nq	98
69) Atrazine	16.59	200	450032	47.697	nq	99
70) Pentachlorophenol	16.77	266	607728	88.035	nq	99
71) Phenanthrene	17.16	178	2408354	53.814	nq	99
72) Anthracene	17.25	178	2429188	56.447	nq	100
73) Carbazole	17.53	167	2162290	48.906	nq	99
74) Di-n-butylphthalate	18.09	149	2556831	52.794	nq	99
75) Fluoranthene	19.18	202	2658945	51.533	nq	99
77) Benzidine	19.38	184	469354	23.230	nq	100
78) Pyrene	19.55	202	2712334	55.920	nq	100
80) Butylbenzylphthalate	20.45	149	1102314	53.259	nq	97
81) Benzo(a)anthracene	21.30	228	2639802	54.760	nq	99
82) 3,3'-Dichlorobenzidine	21.24	252	646179	35.448	nq	100
83) Chrysene	21.35	228	2493812	53.572	nq	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1574047	52.667	nq	99
85) Di-n-octyl phthalate	22.10	149	2696585	53.645	nq	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3487882	64.978	nq	98
88) Benzo(b)fluoranthene	22.89	252	2671988	52.932	nq	99
89) Benzo(k)fluoranthene	22.94	252	2671515	52.514	nq	99
90) Benzo(a)pyrene	23.48	252	2702118	55.913	nq	98
91) Dibenzo(a,h)anthracene	25.89	278	2920911	59.651	nq	99
92) Benzo(g,h,i)perylene	26.58	276	2943043	61.762	nq	97

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



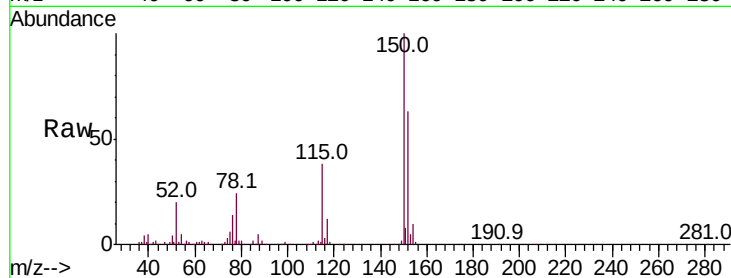
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Instrument :
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 FK-BPM-03-006-ABCDMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.9	190.3
115	59.6	45.5	68.3

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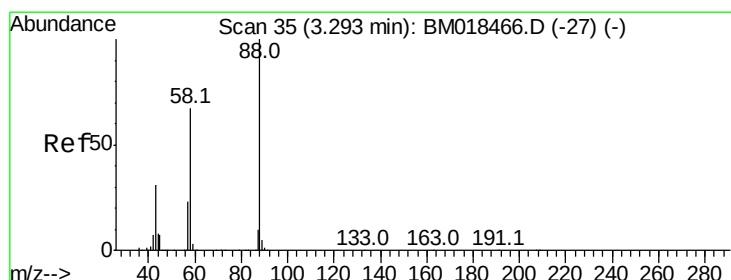
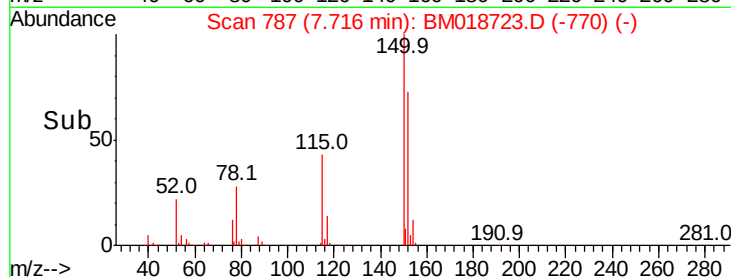
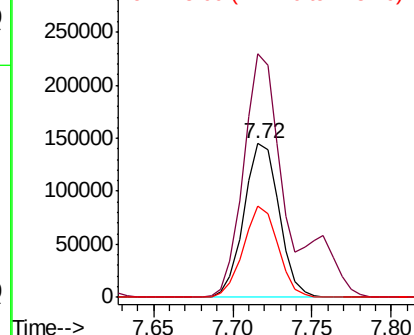


Abundance

Ion 152.00 (151.70 to 152.70): E

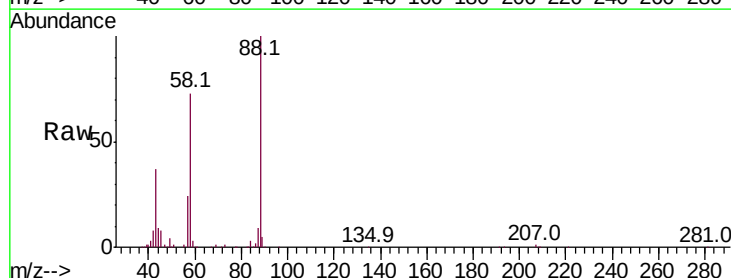
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 43.272 ng
 RT: 3.26 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	58.4	87.6
43	33.2	26.2	39.4

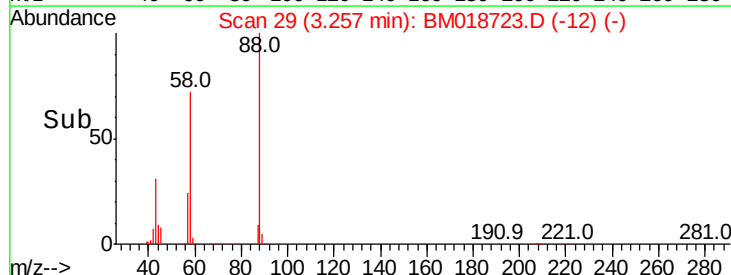
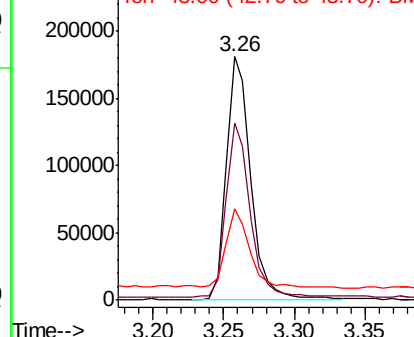


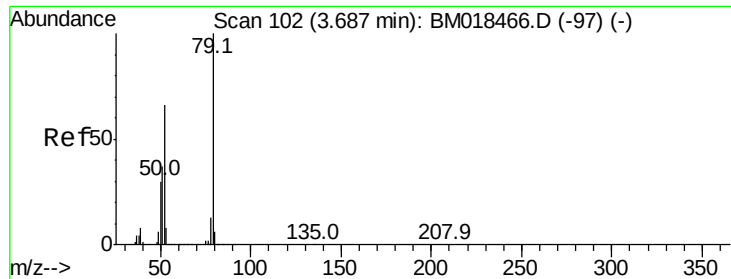
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 20.415 ng

RT: 3.66 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

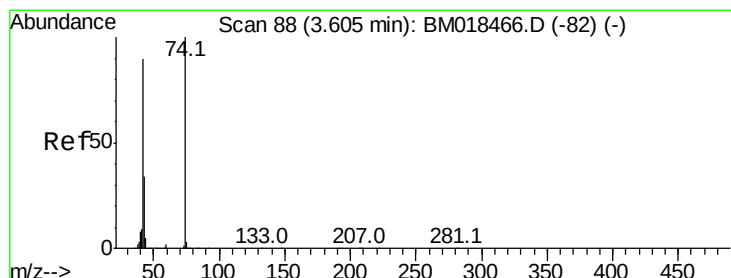
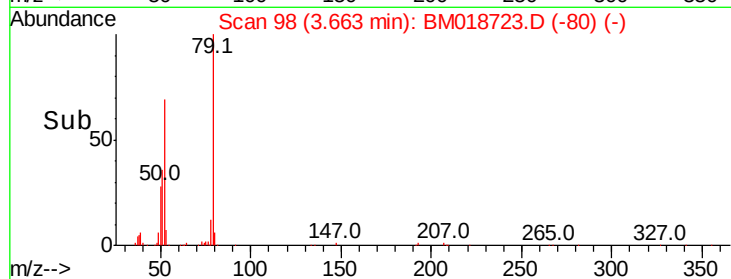
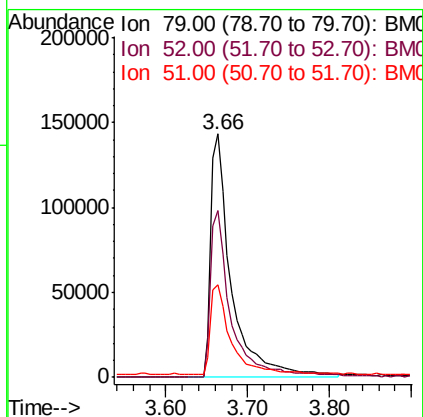
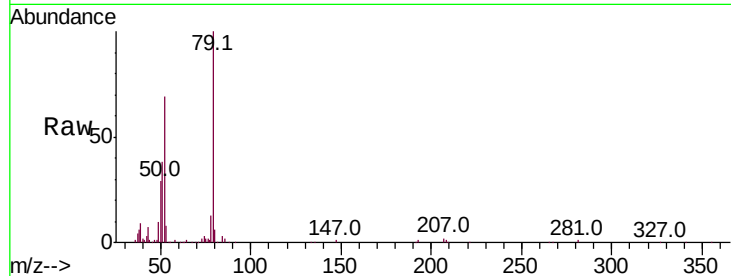
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	79	Resp:	251816
Ion Ratio	Lower	Upper	
79	100		
52	68.8	56.4	84.6
51	37.8	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 56.818 ng

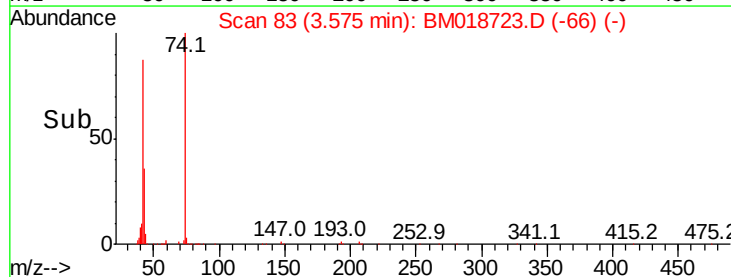
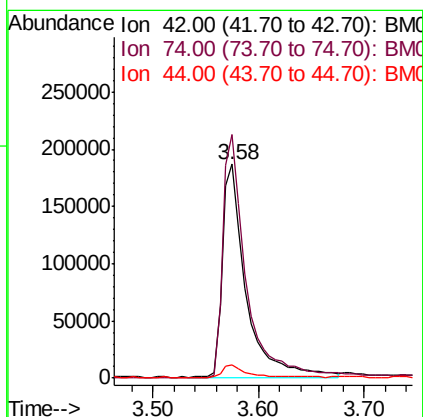
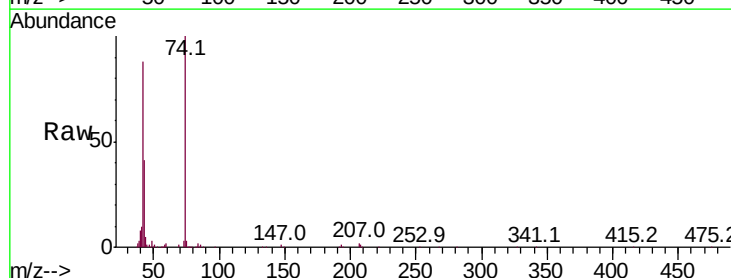
RT: 3.58 min Scan# 83

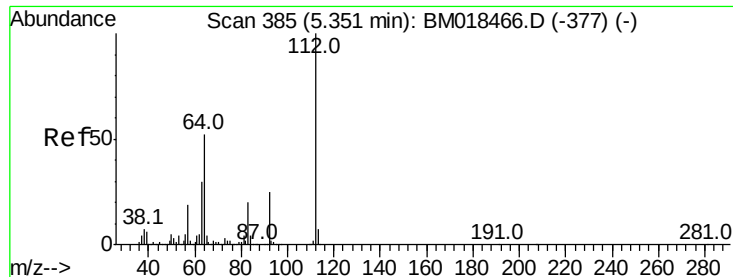
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	42	Resp:	289804
Ion Ratio	Lower	Upper	
42	100		
74	113.7	88.6	132.8
44	6.1	16.9	25.3





#5

2-Fluorophenol

Concen: 124.483 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

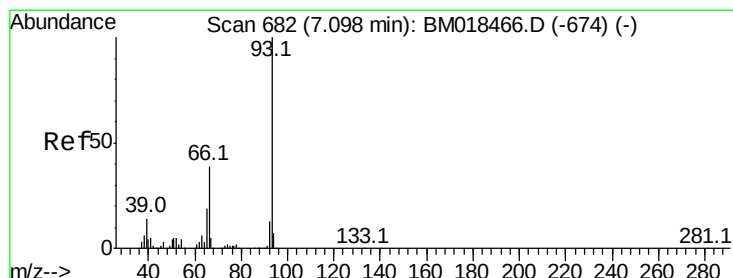
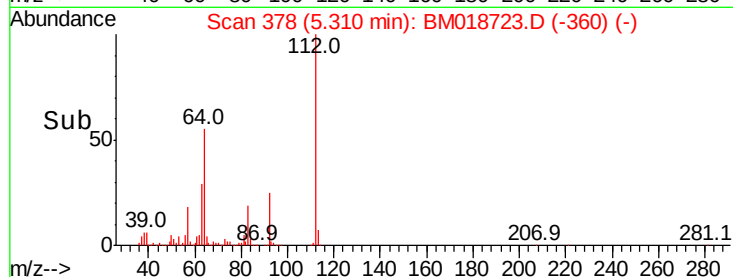
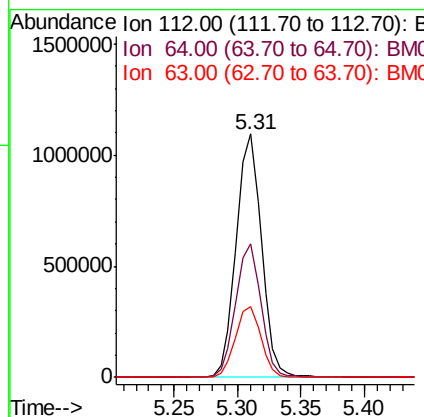
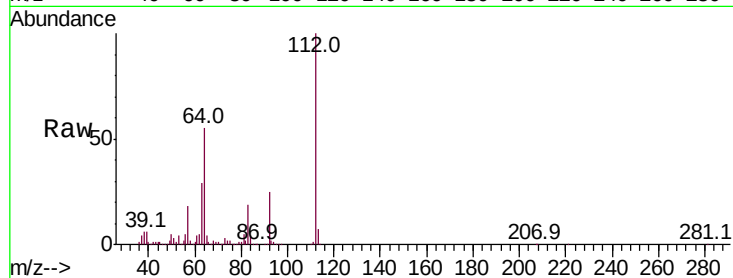
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	112	Resp:	1511064
Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.5	69.7
63	29.1	25.2	37.8

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#6

Aniline

Concen: 37.023 ng

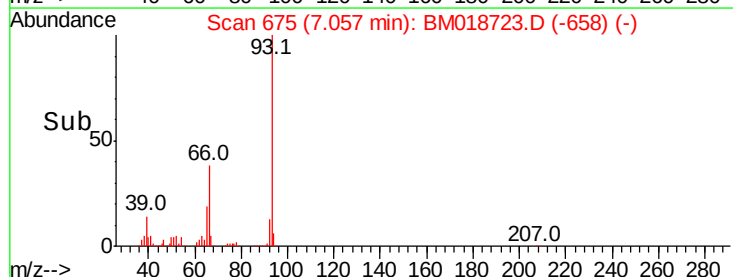
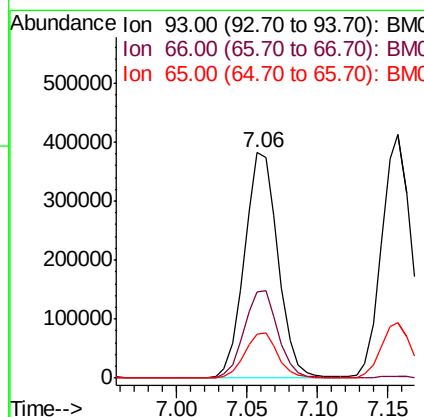
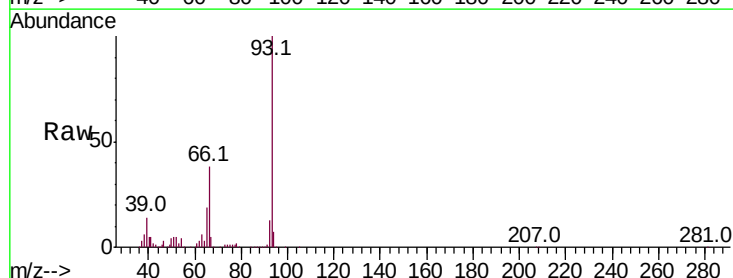
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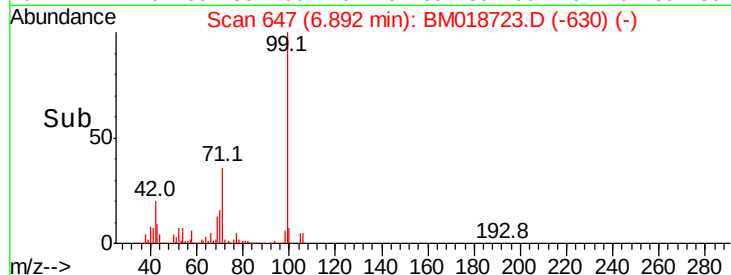
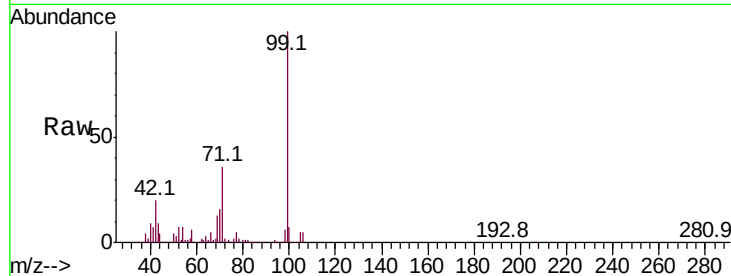
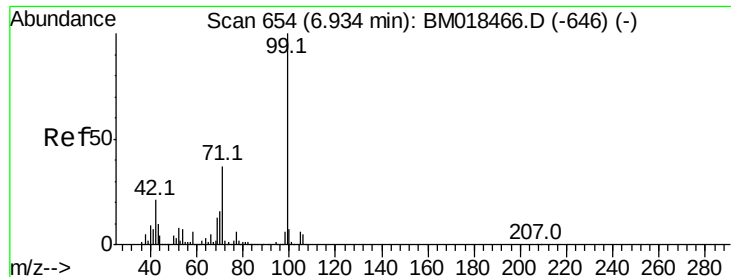
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	93	Resp:	636726
Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.7	47.5
65	19.3	15.9	23.9





#7

Phenol-d6

Concen: 123.089 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tot Ion:	99	Resp:	1897735
Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.3	25.9
71	35.6	28.0	42.0

Instrument :

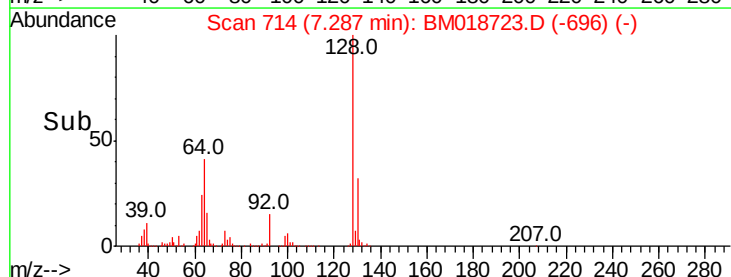
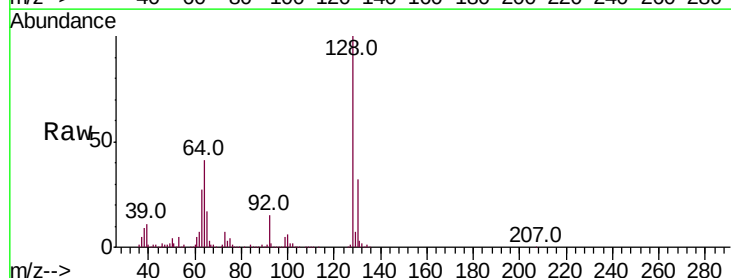
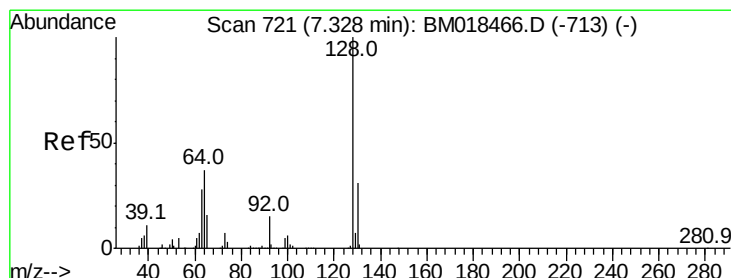
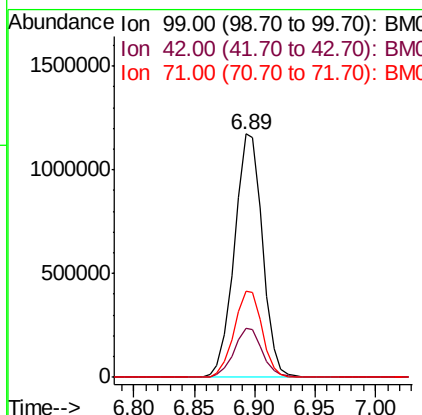
BNA_M

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#8

2-Chlorophenol

Concen: 52.489 ng

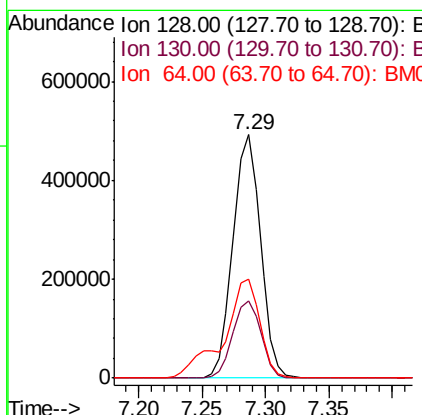
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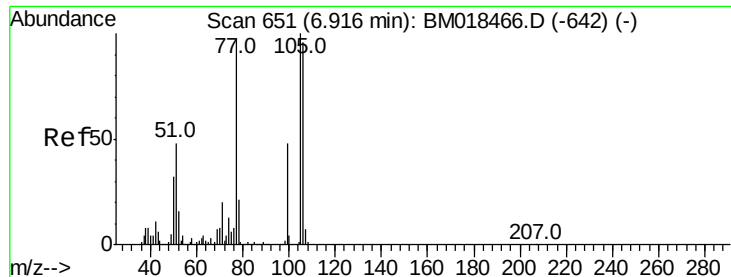
Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	128	Resp:	744141
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.6	53.6
64	40.8	24.8	64.8





#9

Benzaldehyde

Concen: 47.553 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion: 77 Resp: 399213

Ion Ratio Lower Upper

77 100

105 100.2 79.7 119.7

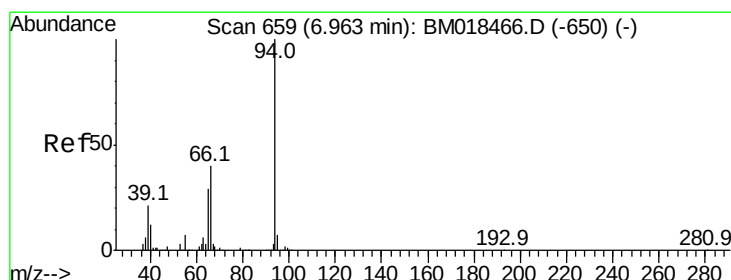
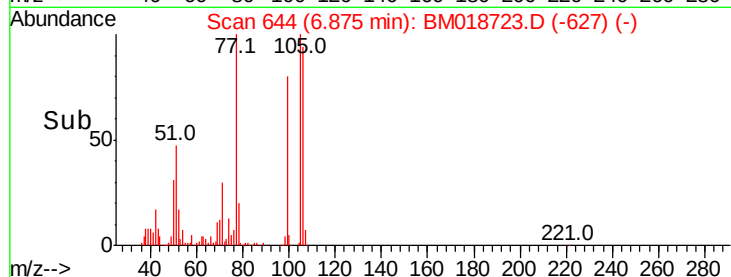
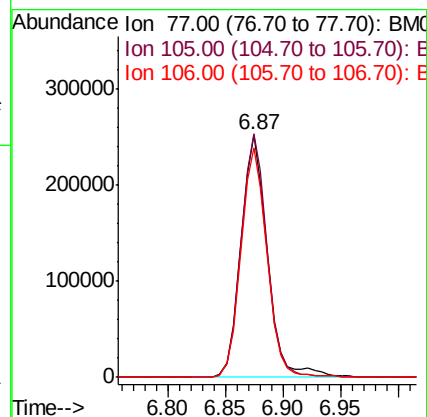
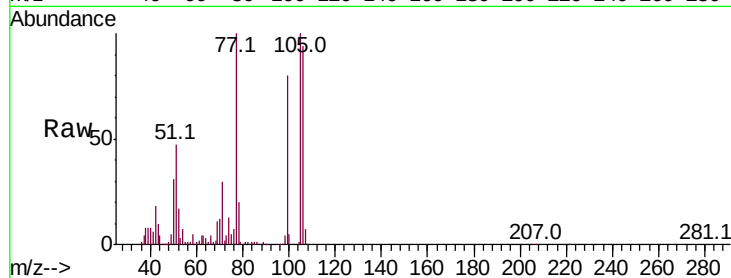
106 94.5 75.2 115.2

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#10

Phenol

Concen: 60.179 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

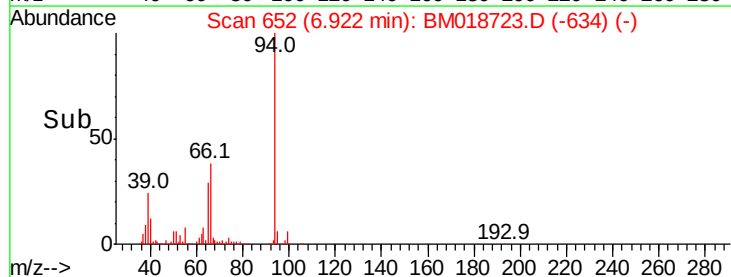
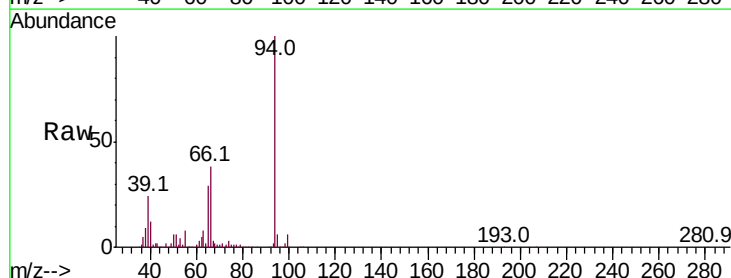
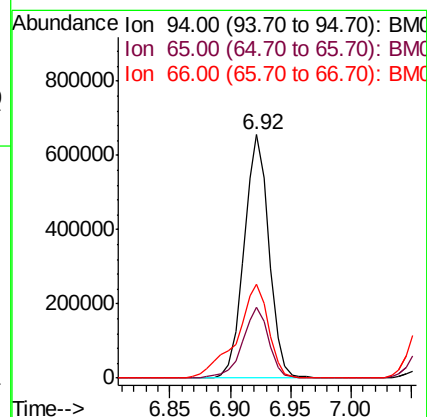
Tgt Ion: 94 Resp: 942813

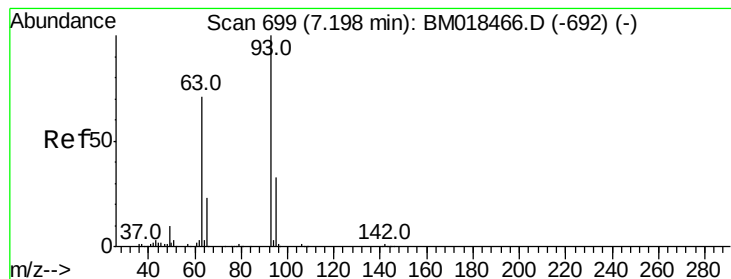
Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

66 38.4 19.1 59.1





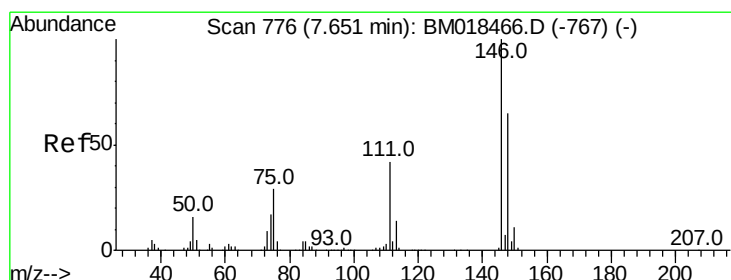
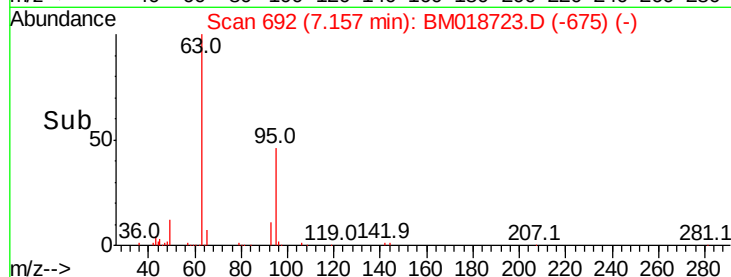
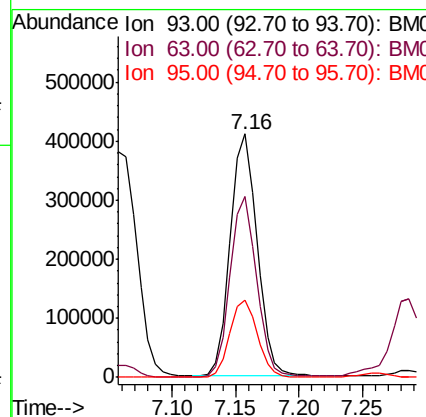
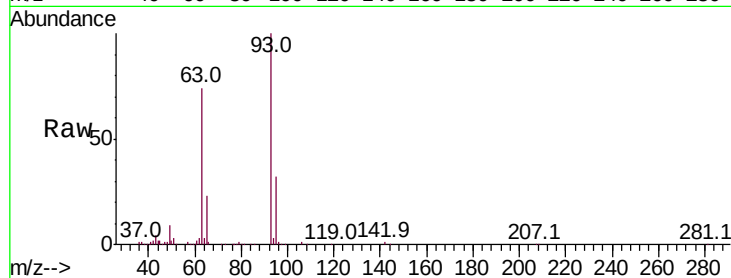
#11
bis(2-Chloroethyl)ether
Concen: 48.758 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	56.4	96.4
95	31.8	12.7	52.7

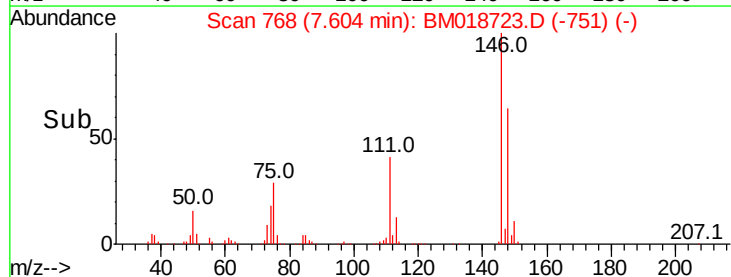
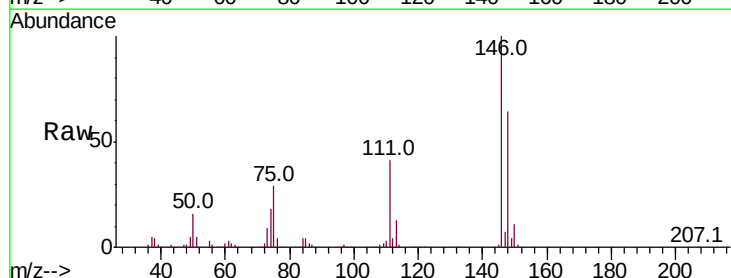
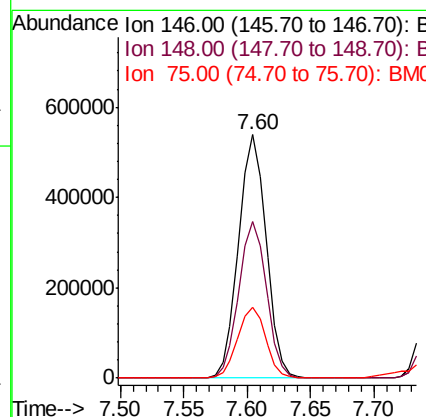
Manual Integrations
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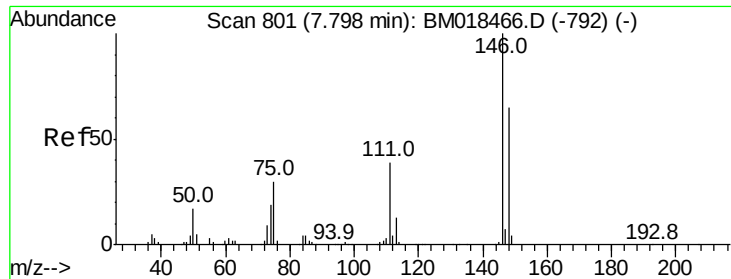
mohammad
2/5/2019 8:41:25 AM



#12
1,3-Dichlorobenzene
Concen: 48.176 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	28.8	23.0	34.6





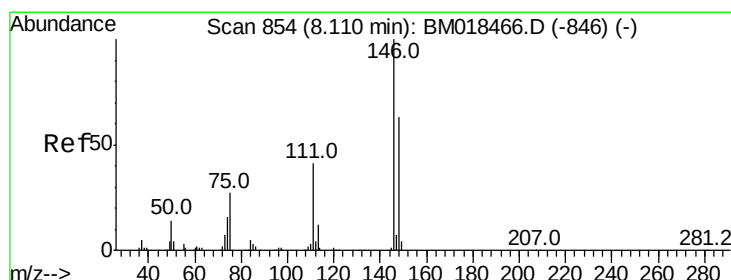
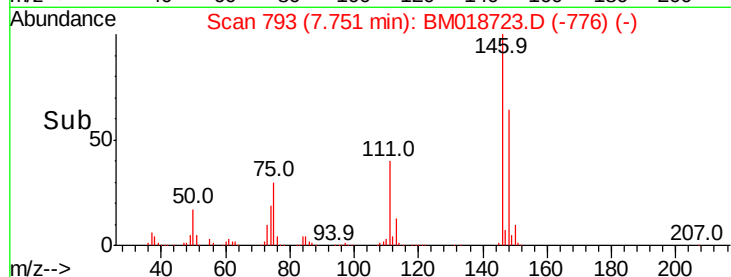
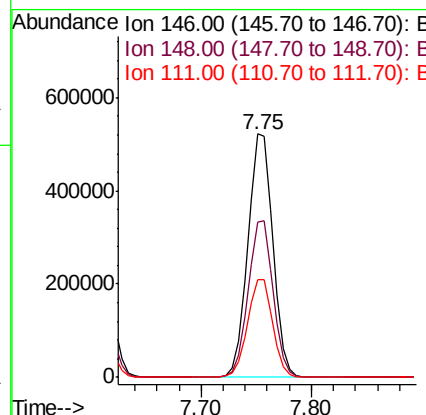
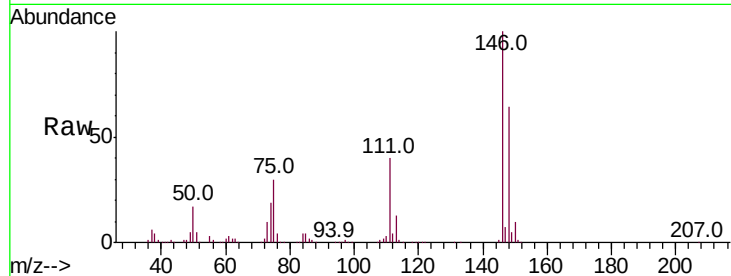
#13
1,4-Dichlorobenzene
Concen: 48.591 ng
RT: 7.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	40.1	32.2	48.2

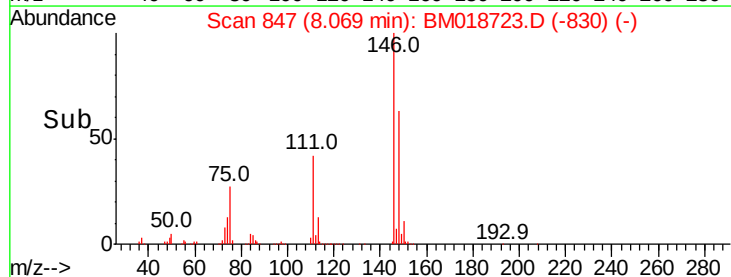
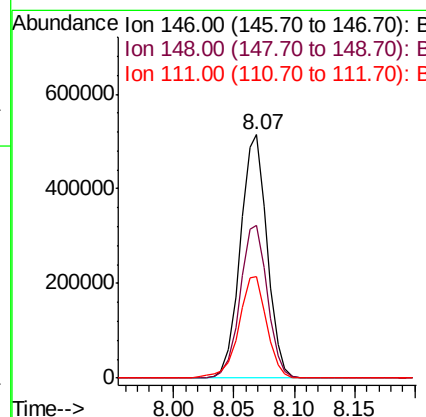
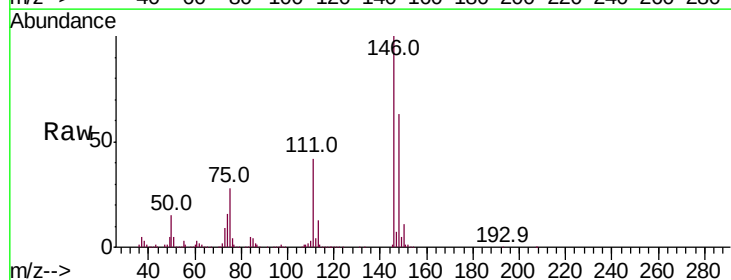
Manual Integrations
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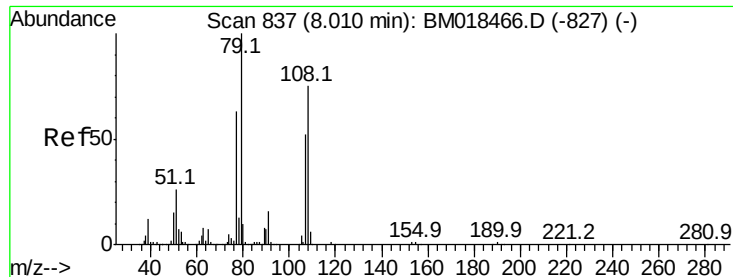
mohammad
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#14
1,2-Dichlorobenzene
Concen: 48.854 ng
RT: 8.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.6
111	41.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 50.590 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

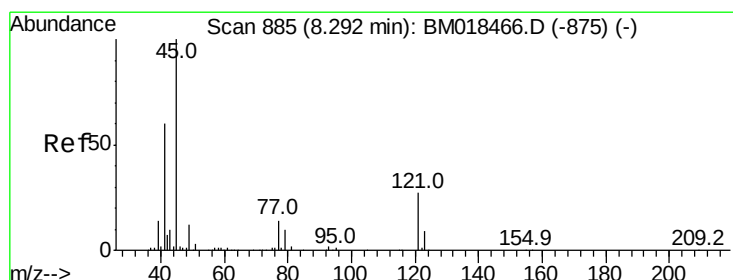
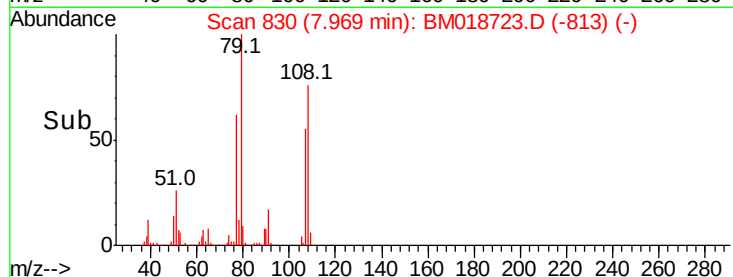
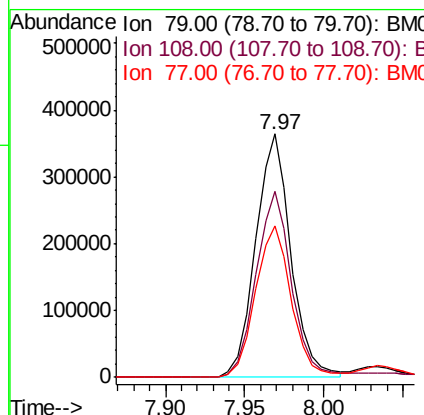
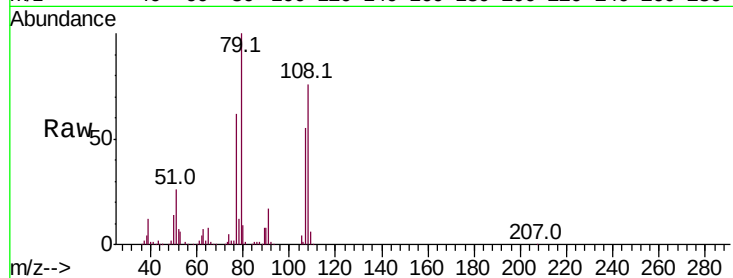
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	79	Resp:	563343
Ion Ratio	Lower	Upper	
79	100		
108	76.3	60.4	90.6
77	62.2	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.087 ng

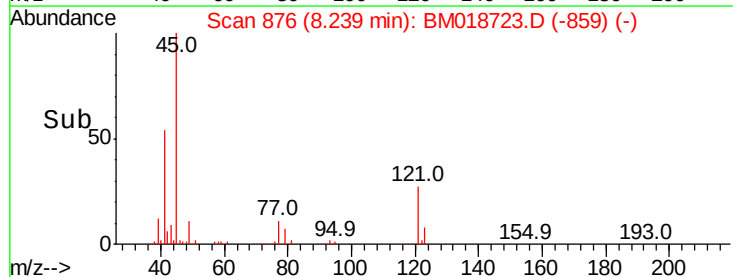
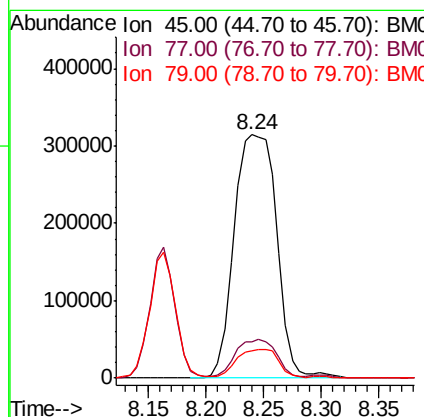
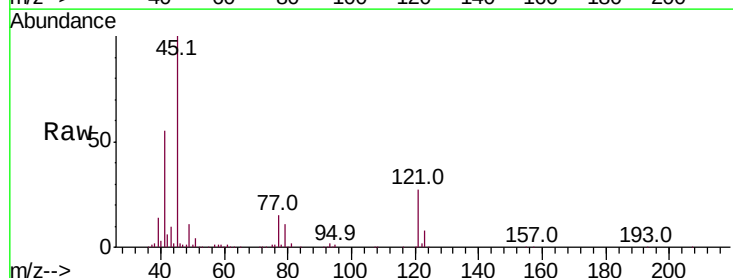
RT: 8.24 min Scan# 876

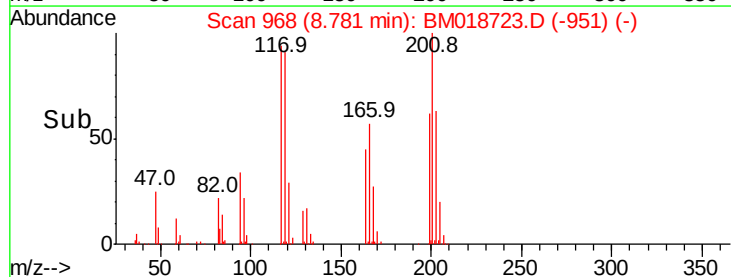
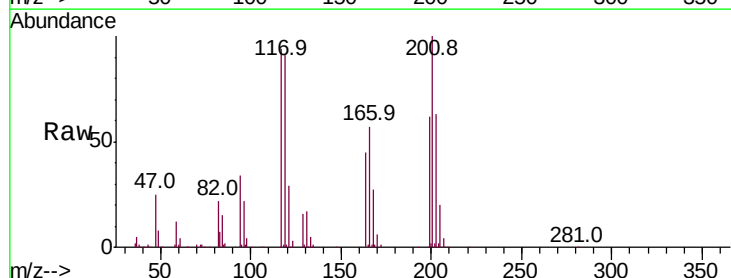
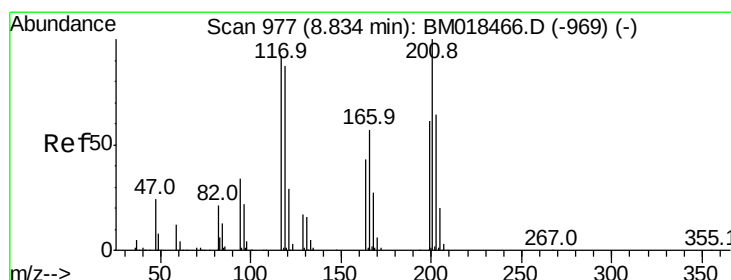
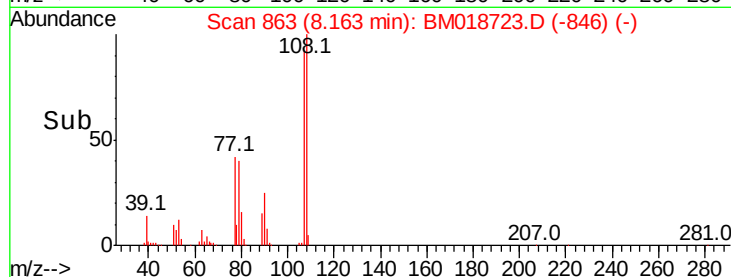
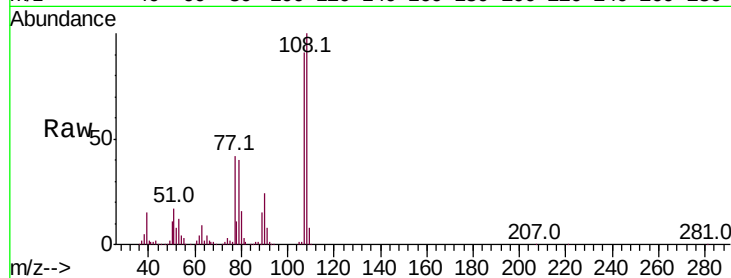
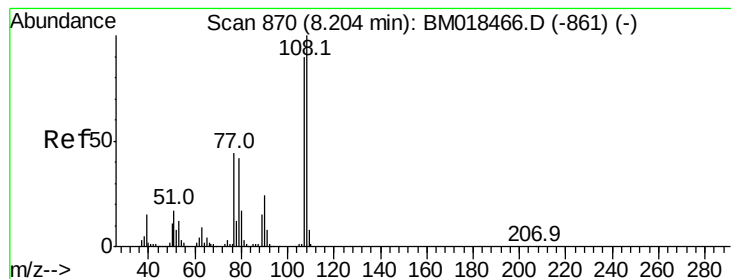
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	45	Resp:	803686
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	33.4
79	11.4	0.0	31.1





#17

2-Methylphenol

Concen: 52.246 ng

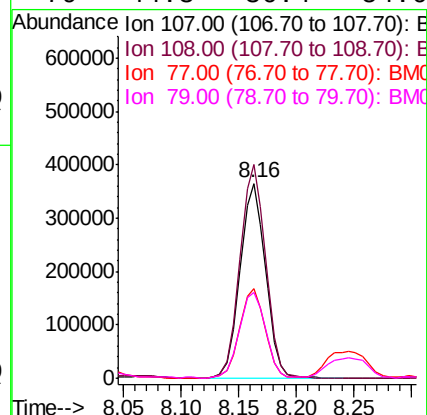
RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.5	131.3	
77	46.1	37.3	55.9	
79	44.3	36.4	54.6	



Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Manual Integrations
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#18

Hexachloroethane

Concen: 47.567 ng

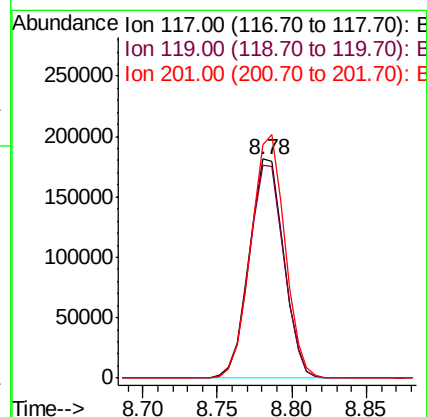
RT: 8.78 min Scan# 968

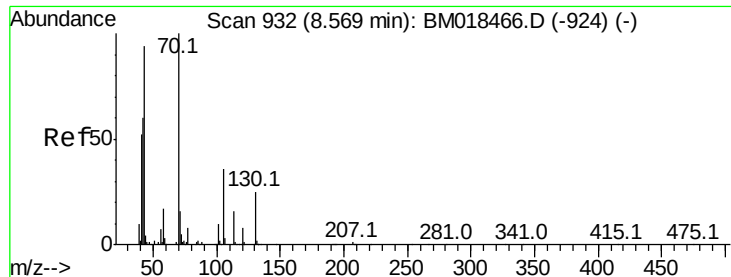
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	78.3	117.5	
201	106.3	81.4	122.0	





#19

n-Nitroso-di-n-propylamine

Concen: 46.295 ng

RT: 8.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

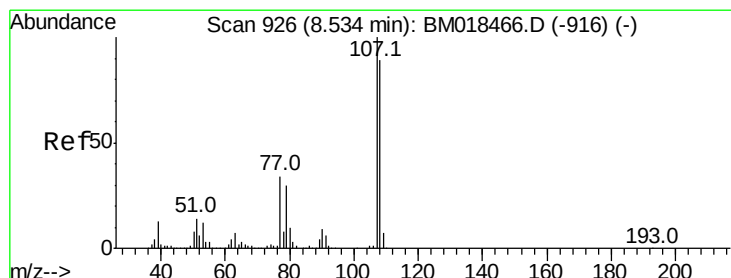
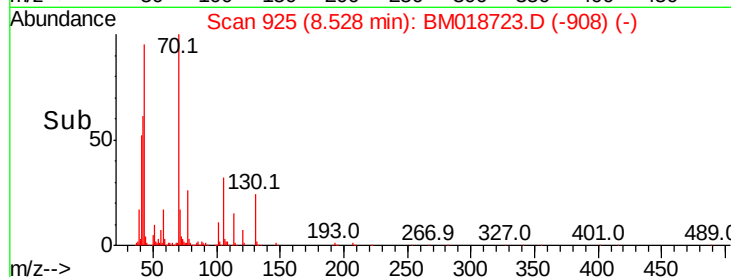
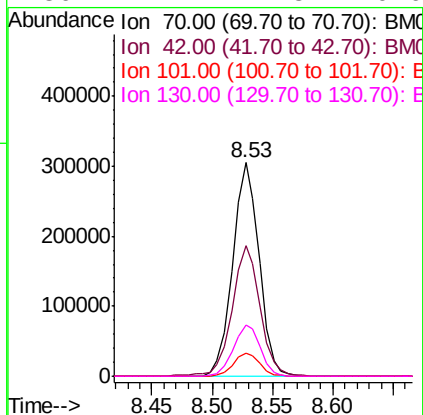
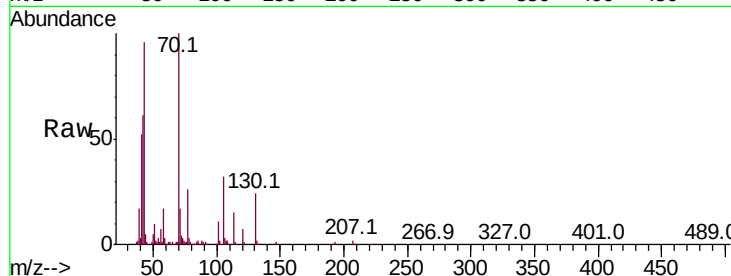
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.1	54.0	81.0
101	10.7	8.1	12.1
130	24.2	17.8	26.6

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#20

3+4-Methylphenols

Concen: 50.284 ng

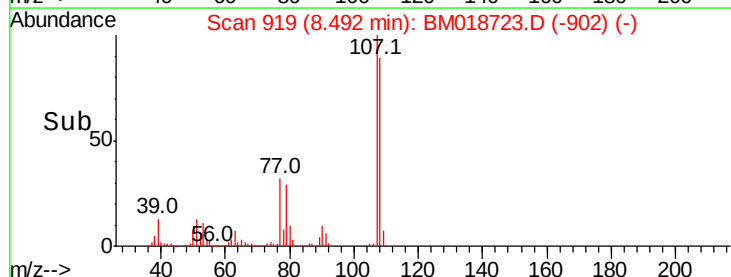
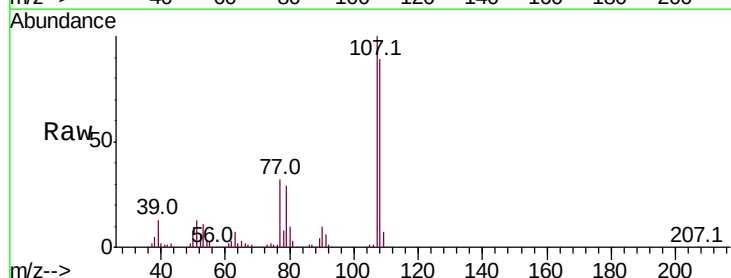
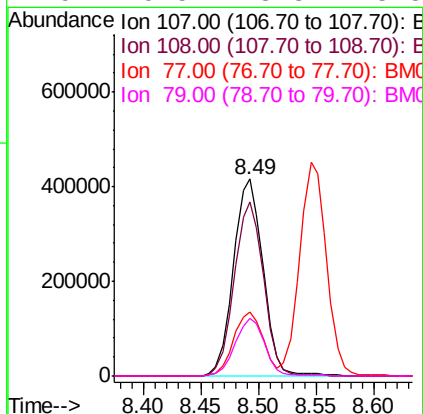
RT: 8.49 min Scan# 919

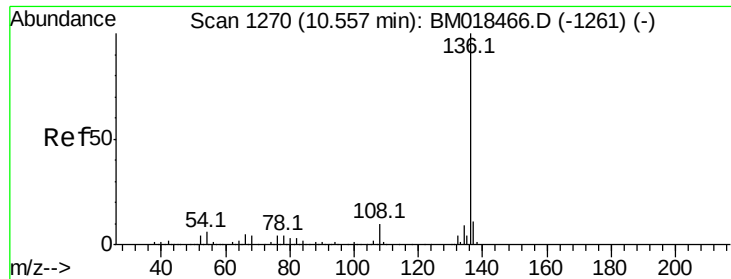
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.8	106.8
77	32.5	13.3	53.3
79	29.5	8.8	48.8





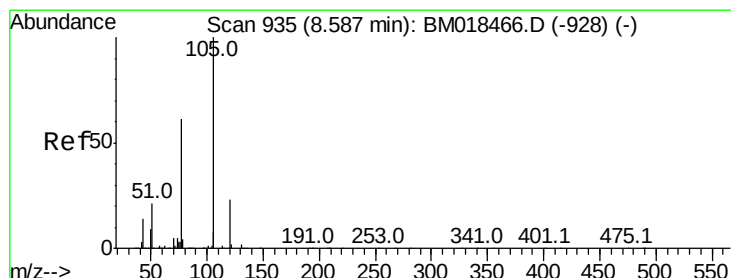
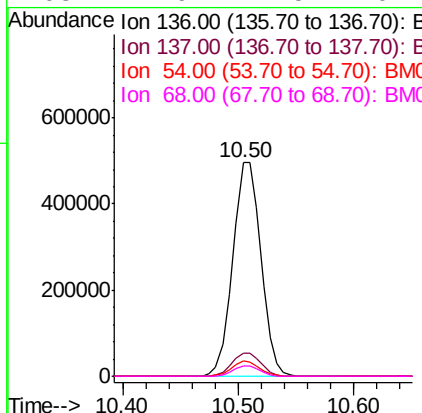
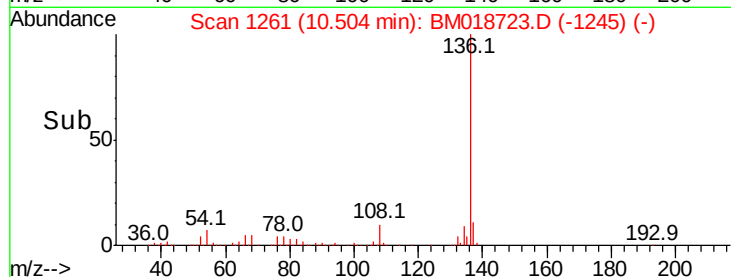
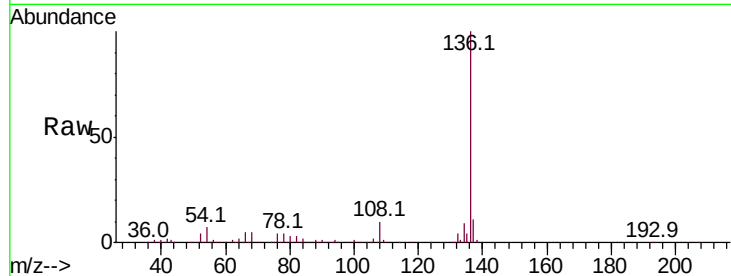
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	837967		
137	11.1		8.5	12.7
54	7.0		6.0	9.0
68	4.9		4.5	6.7

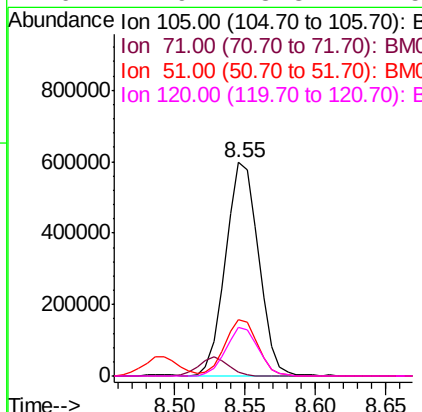
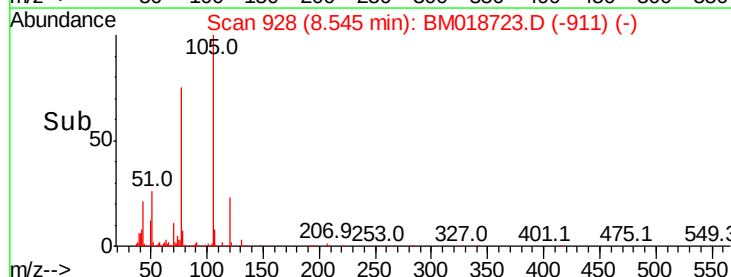
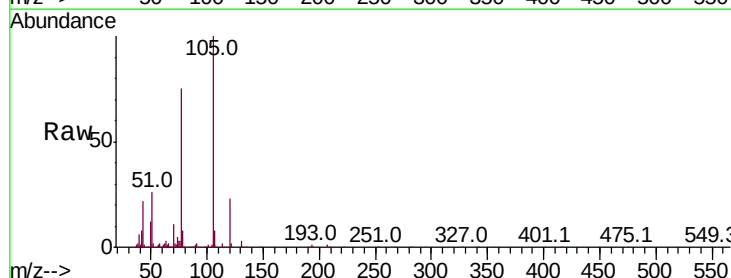
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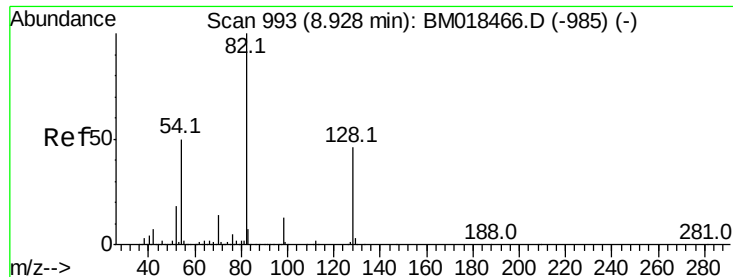
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#22
Acetophenone
Concen: 46.905 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	972298		
71	1.8		1.7	2.5
51	26.2		22.6	34.0
120	22.9		18.3	27.5





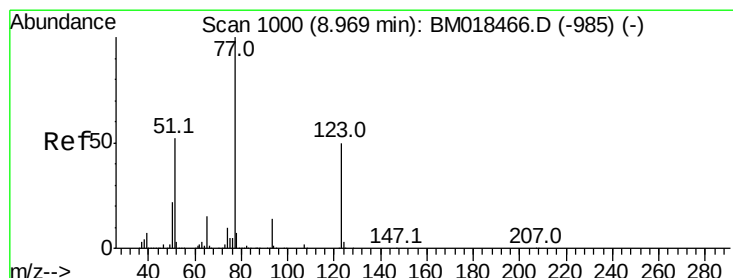
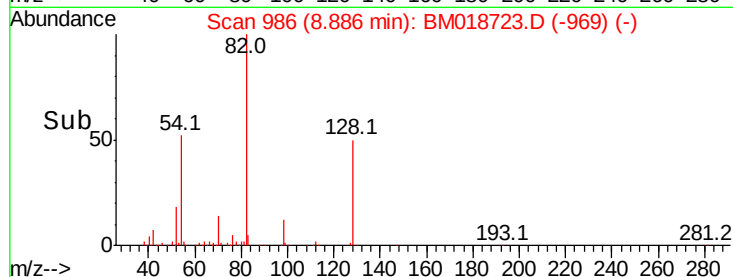
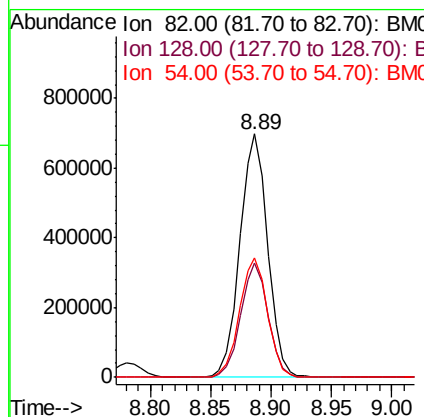
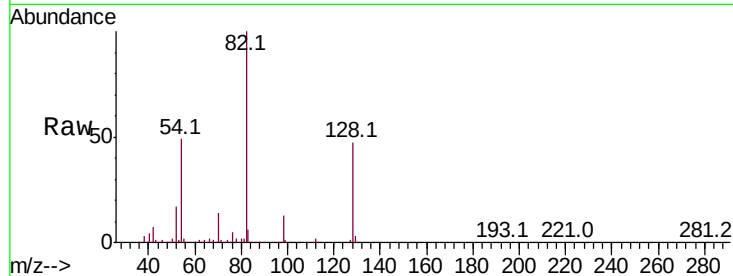
#23
Nitrobenzene-d5
Concen: 77.594 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	49.2	41.7	62.5

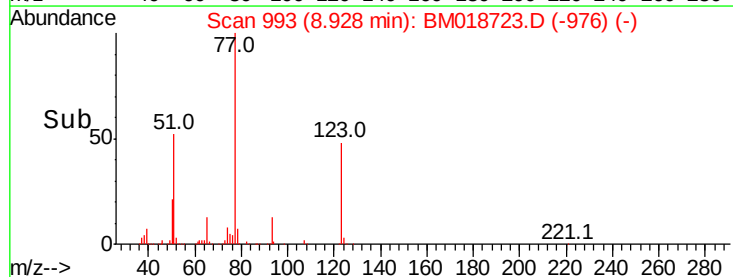
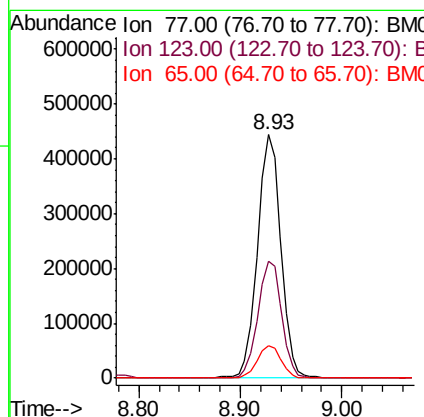
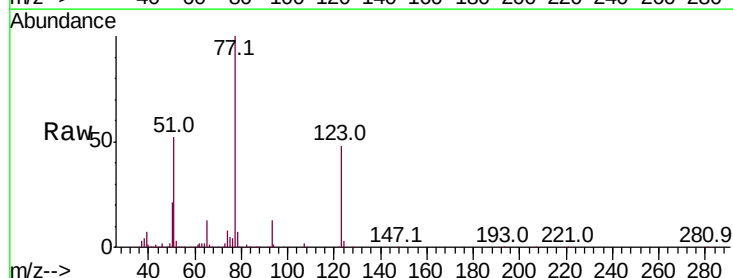
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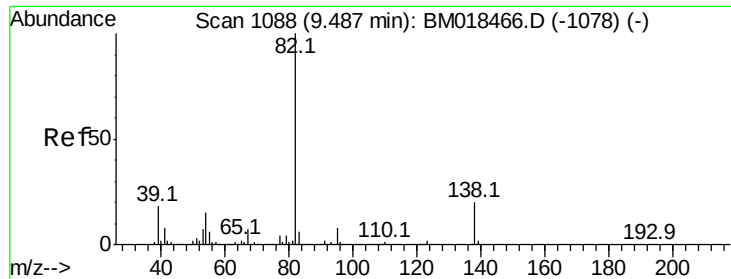
mohammad
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#24
Nitrobenzene
Concen: 49.883 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.7	56.5
65	13.3	11.0	16.6





#25

Isophorone

Concen: 55.005 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion: 82 Resp: 1204005

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

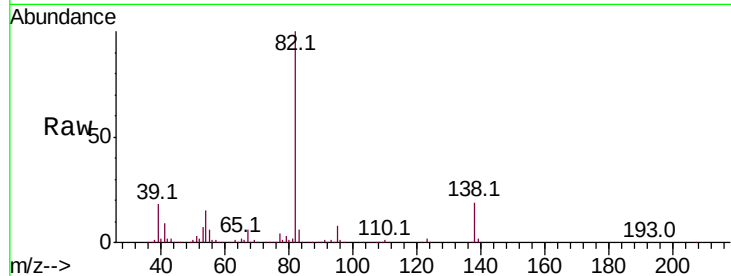
138 19.4 15.1 22.7

Manual Integrations

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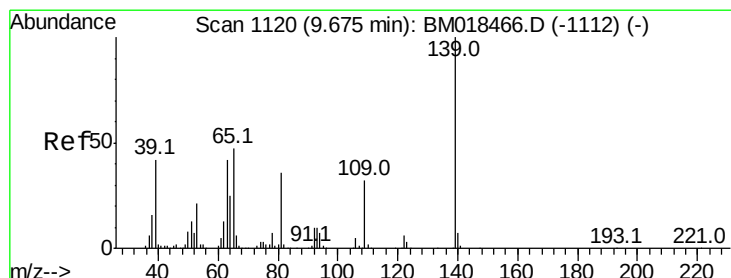
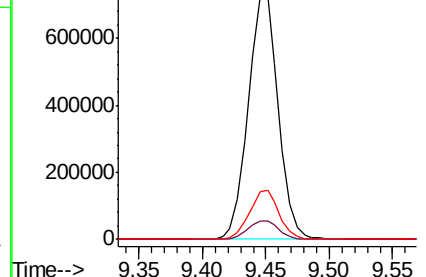
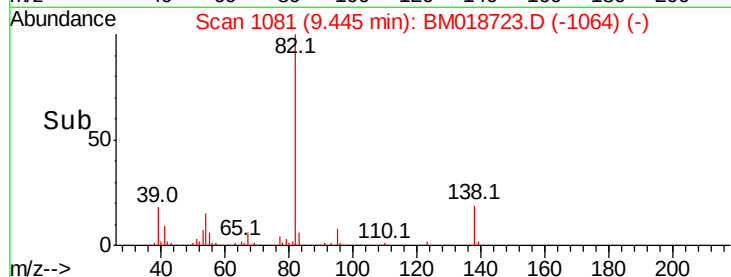
2/5/2019 8:41:25 AM



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 53.588 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

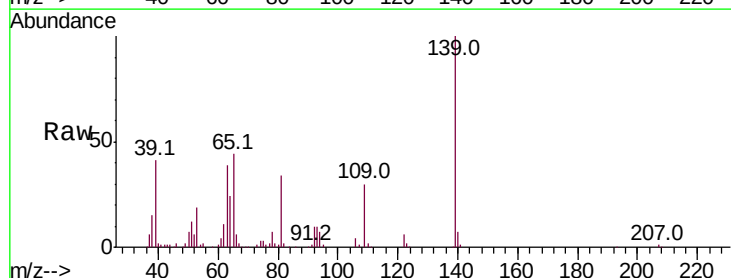
Tgt Ion: 139 Resp: 368535

Ion Ratio Lower Upper

139 100

109 30.0 23.4 35.2

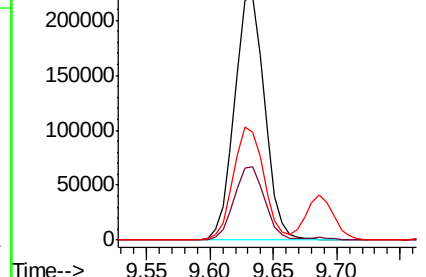
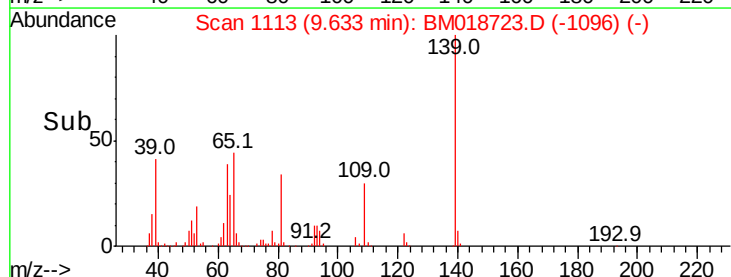
65 44.5 39.4 59.2

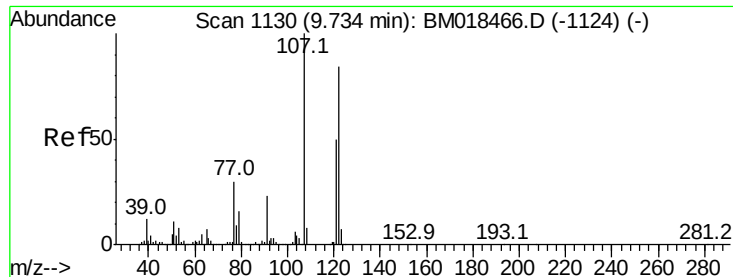


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)





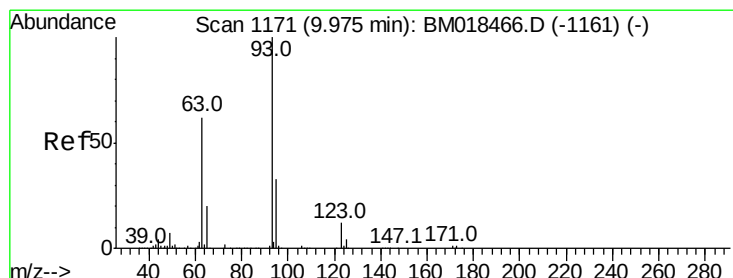
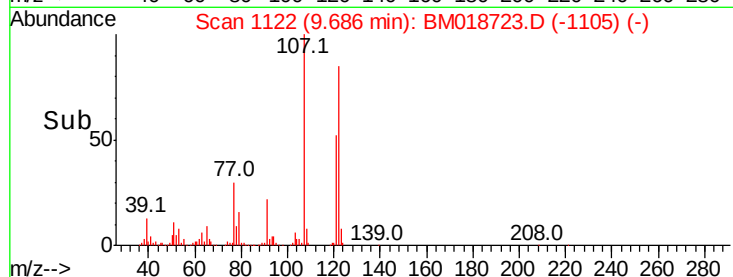
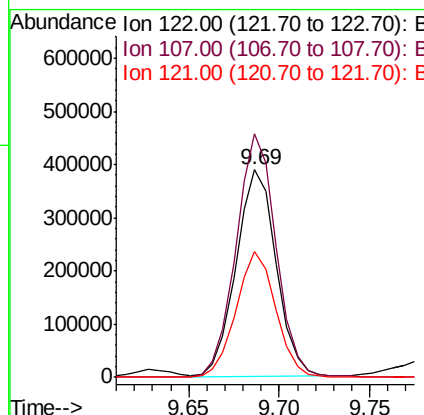
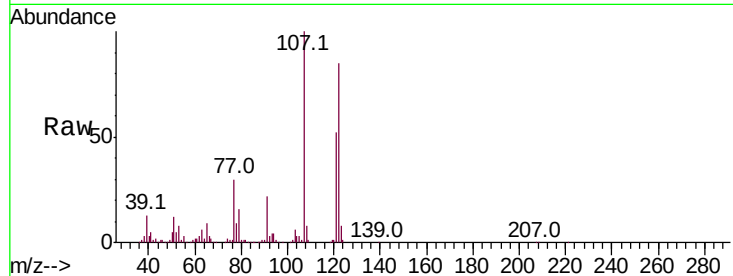
#27
2,4-Dimethylphenol
Concen: 57.899 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	596823		
107	117.4	91.9	137.9	
121	60.6	47.5	71.3	

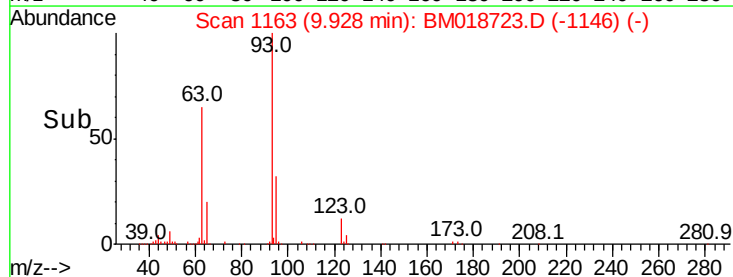
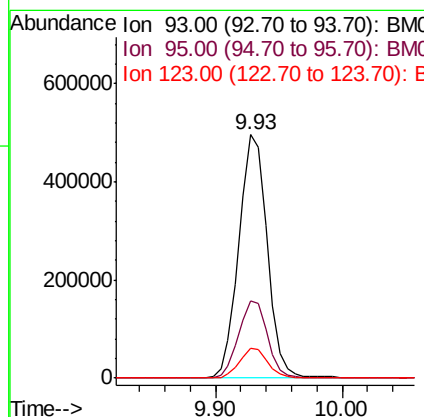
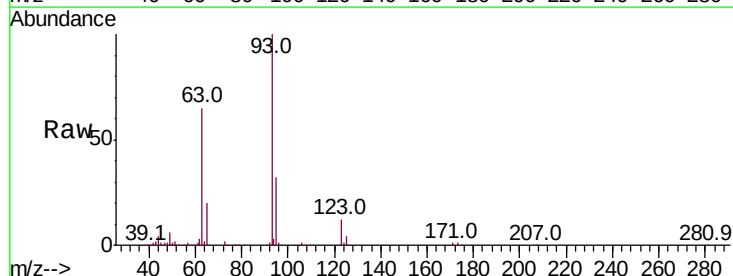
Manual Integrations
APPROVED

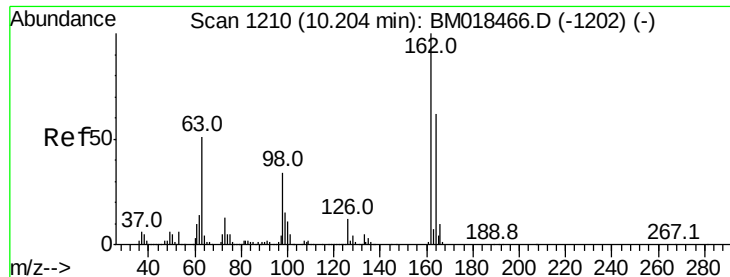
mohammad
2/5/2019 8:41:25 AM



#28
bis(2-Chloroethoxy)methane
Concen: 50.959 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	770562		
95	31.9	26.6	39.8	
123	12.2	9.9	14.9	





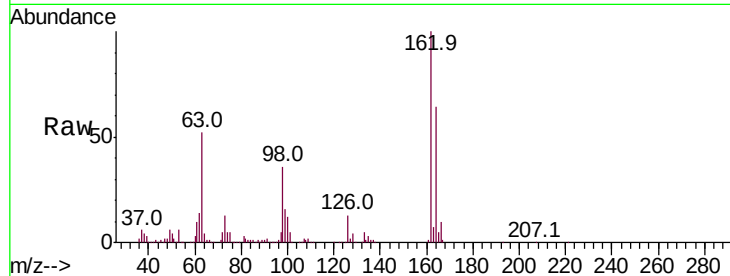
#29
2,4-Dichlorophenol
Concen: 52.129 ng
RT: 10.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	45.6	85.6
98	35.8	14.7	54.7

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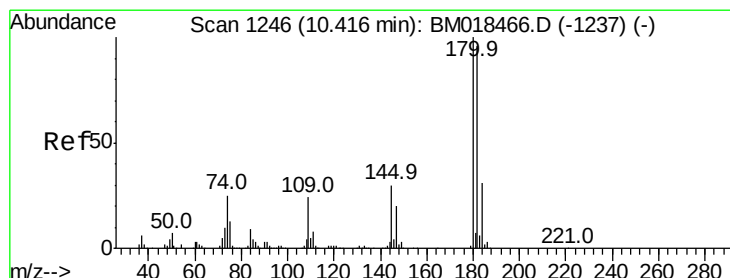
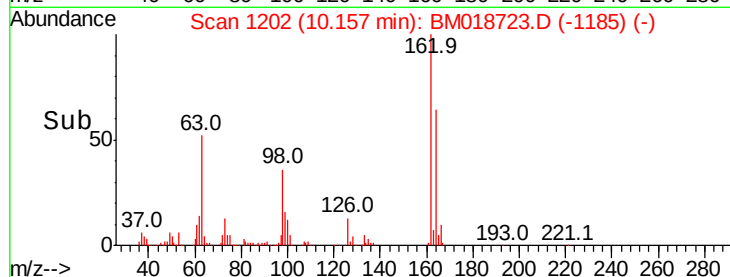
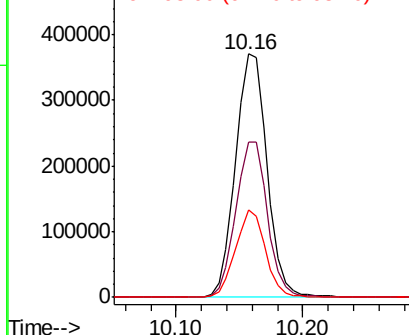


Abundance

Ion 162.00 (161.70 to 162.70): E

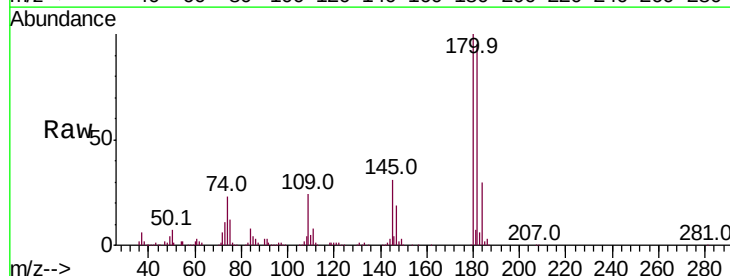
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 48.633 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	77.4	116.2
145	30.5	24.6	37.0

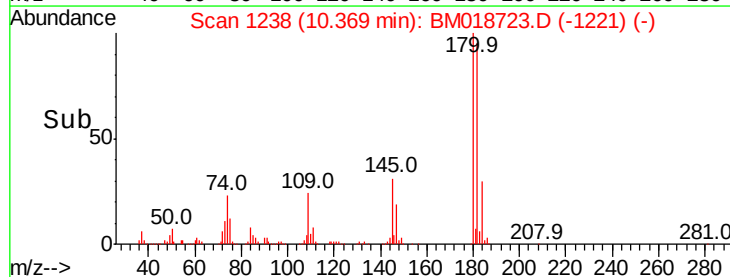
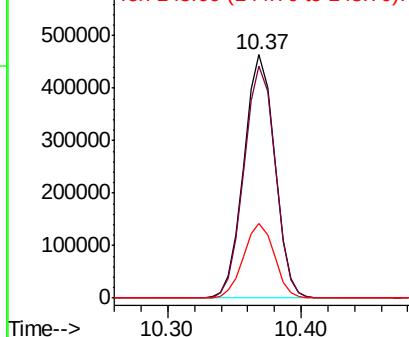


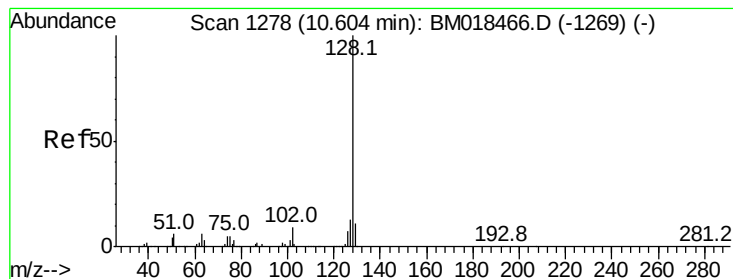
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 53.061 ng

RT: 10.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

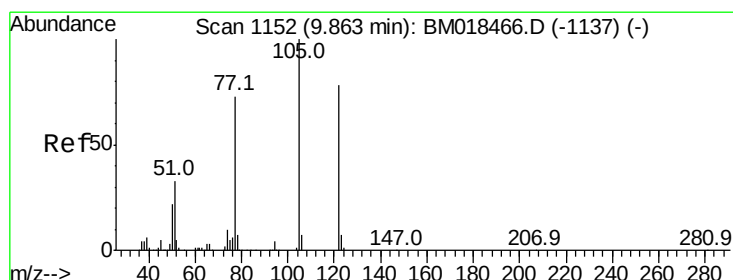
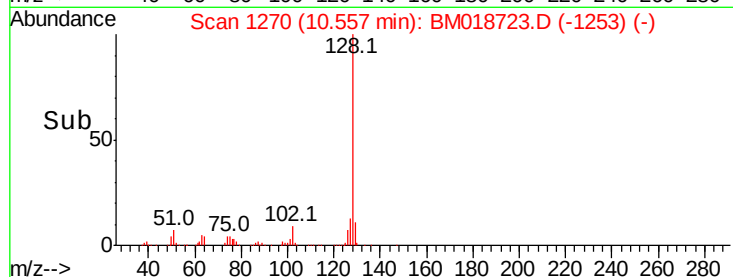
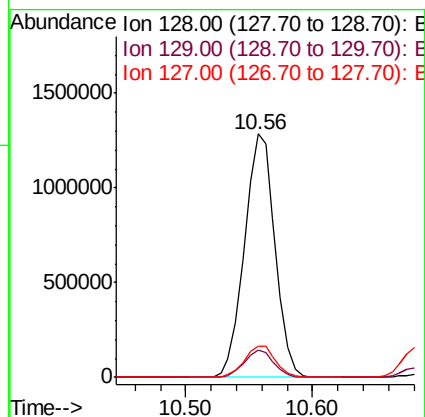
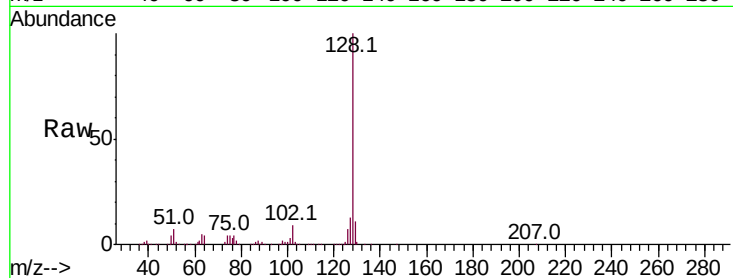
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	128	Resp:	2141379
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.8	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 30.799 ng m

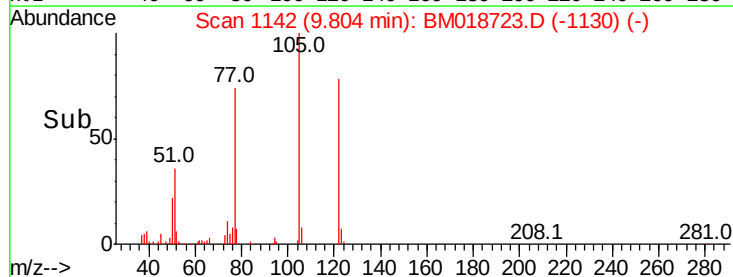
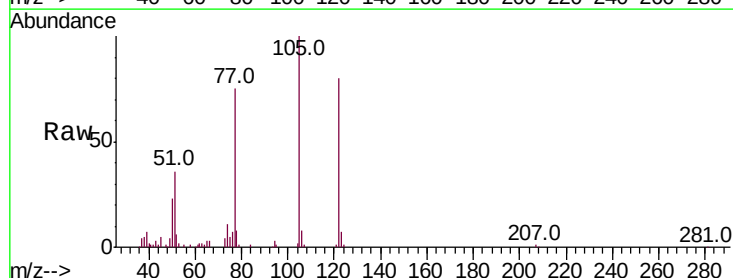
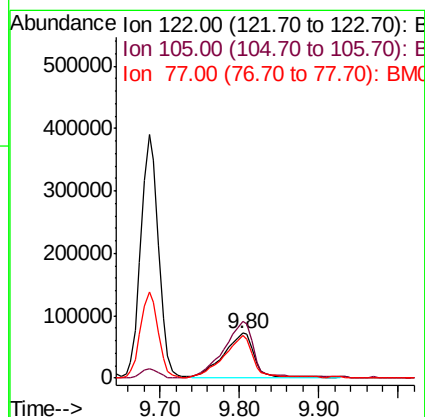
RT: 9.80 min Scan# 1142

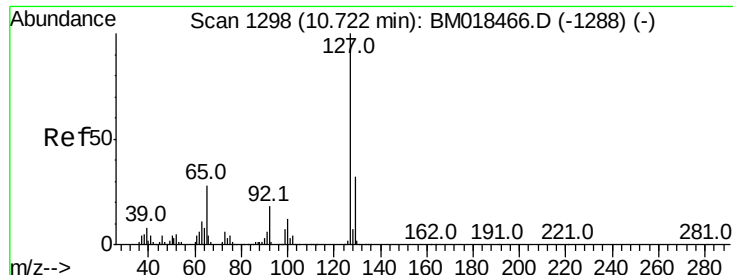
Delta R.T. -0.03 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	122	Resp:	195052
Ion	Ratio	Lower	Upper
122	100		
105	124.7	100.4	140.4
77	93.5	71.7	111.7





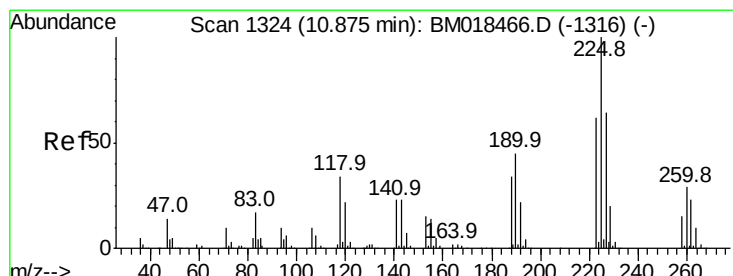
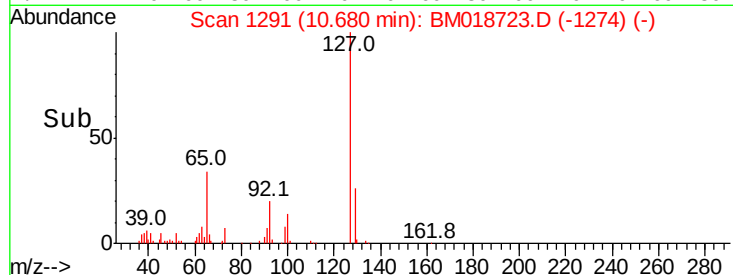
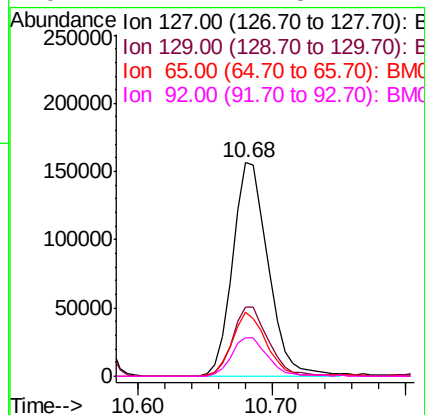
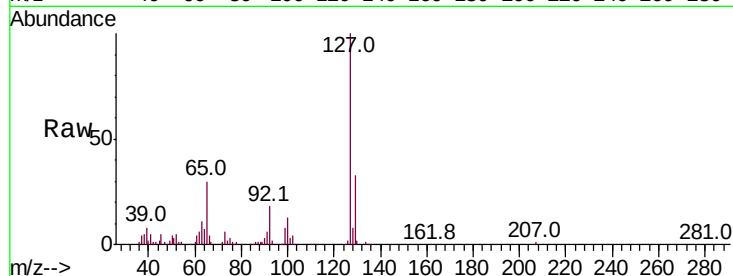
#33
4-Chloroaniline
Concen: 18.296 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	29.7	23.4	35.2	
92	17.7	14.5	21.7	

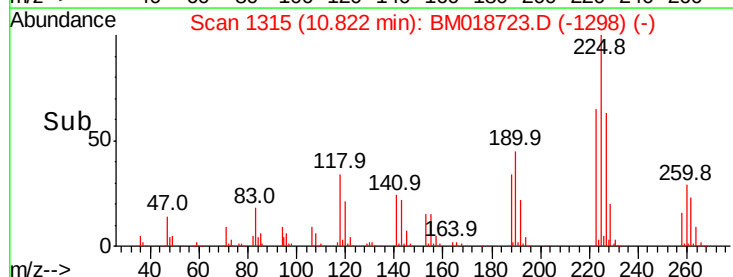
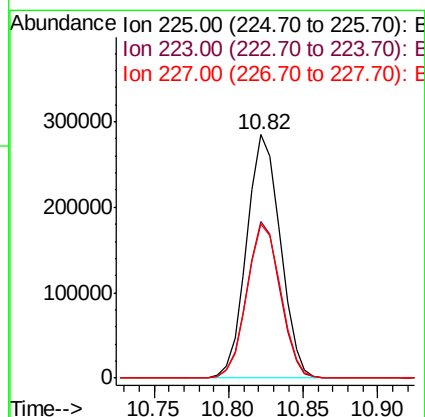
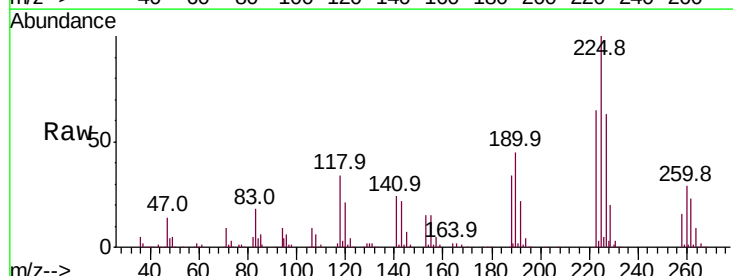
Manual Integrations
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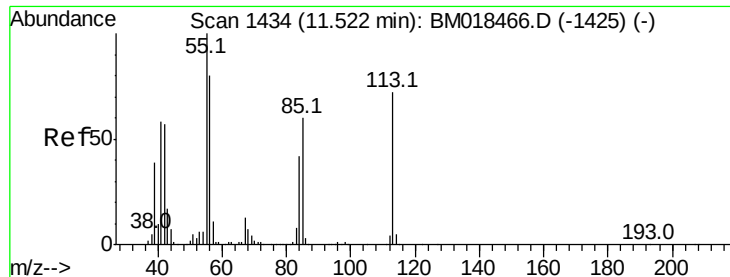
mohammad
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#34
Hexachlorobutadiene
Concen: 46.212 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	50.8	76.2	
227	63.5	50.4	75.6	





#35

Caprolactam

Concen: 33.527 ng/ml

RT: 11.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion: 113 Resp: 139913

Ion Ratio Lower Upper

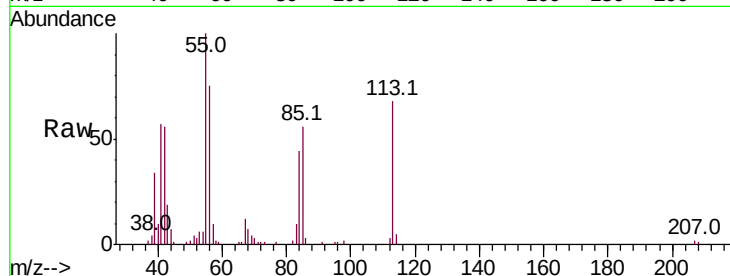
113 100

55 147.5 139.3 179.3

56 110.1 101.4 141.4

Manual Integrations
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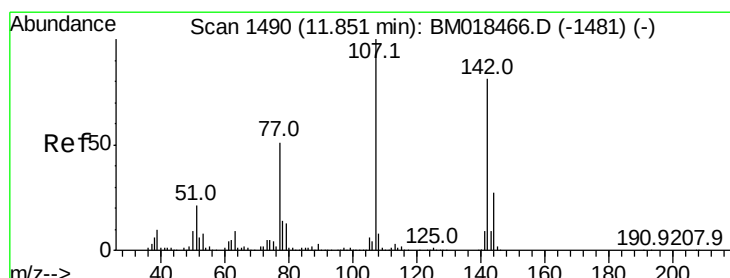
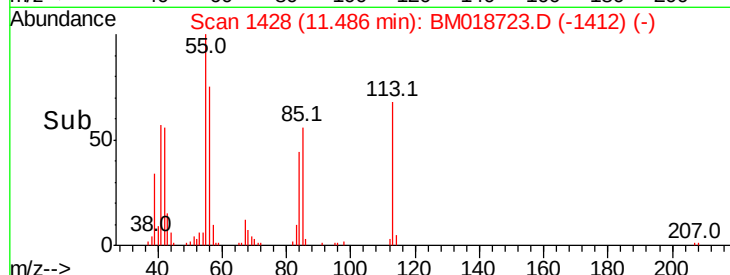
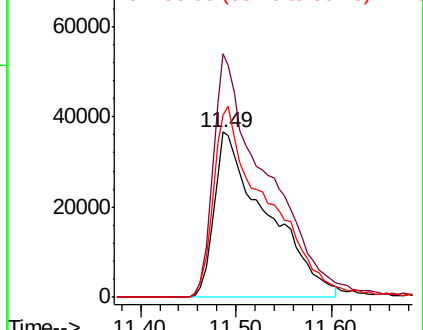
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM018723.D (-1425) (-)

Ion 56.00 (55.70 to 56.70): BM018723.D (-1425) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.359 ng/ml

RT: 11.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

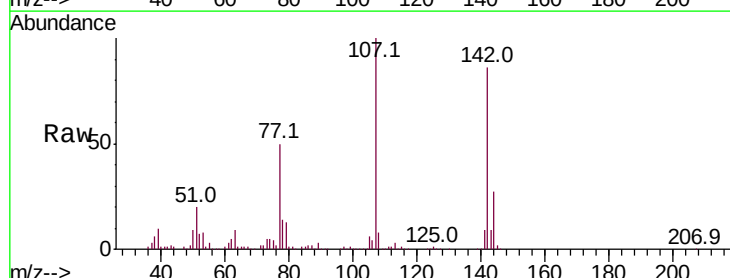
Tgt Ion: 107 Resp: 622745

Ion Ratio Lower Upper

107 100

144 27.5 21.9 32.9

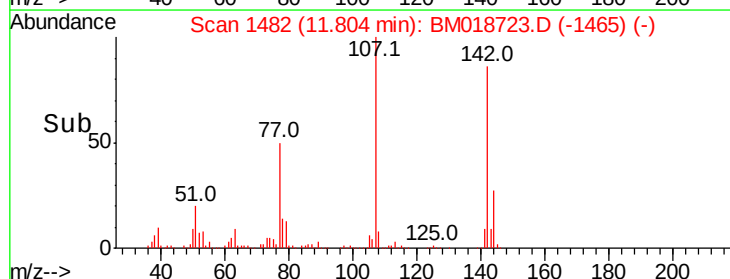
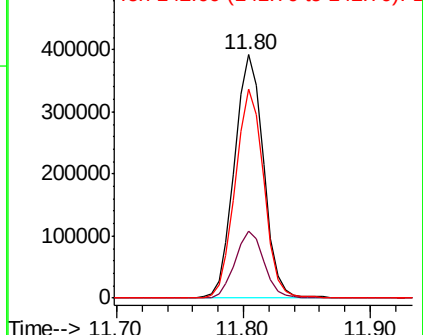
142 86.0 67.9 101.9

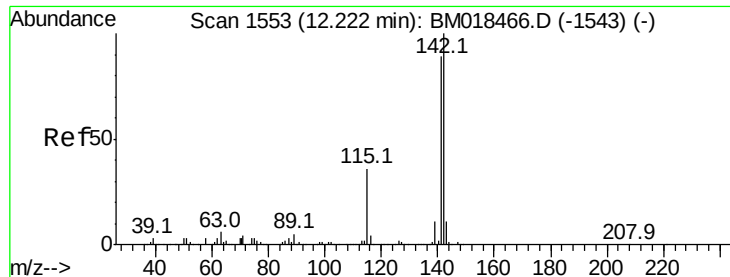


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





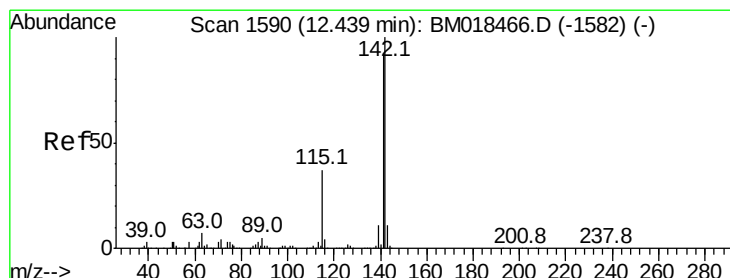
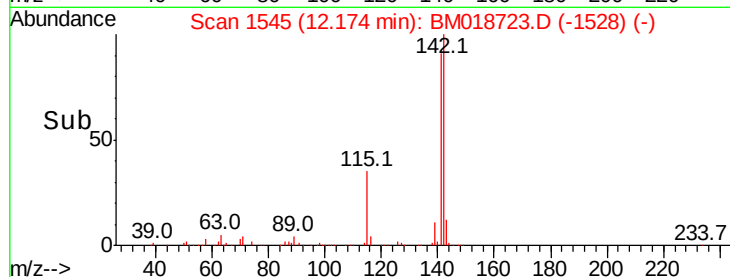
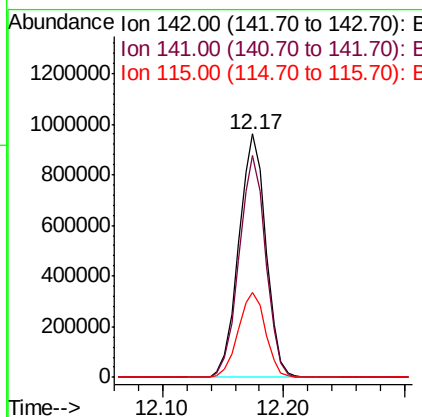
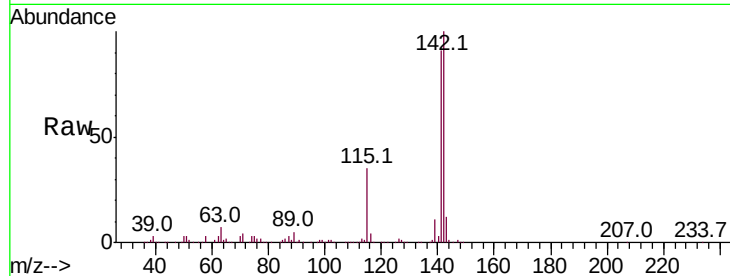
#37
2-Methylnaphthalene
Concen: 52.875 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.4	107.2
115	35.0	28.0	42.0

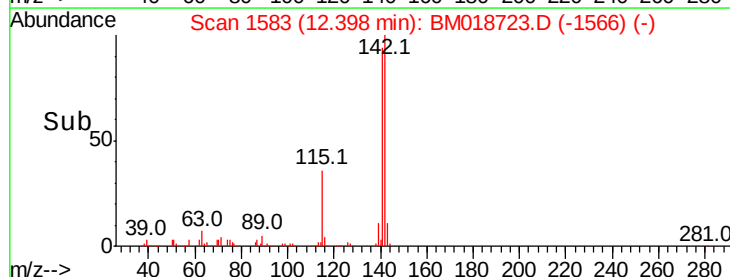
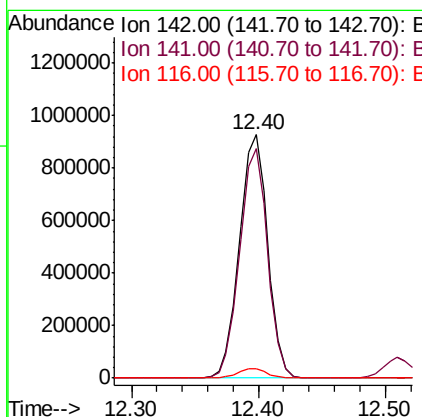
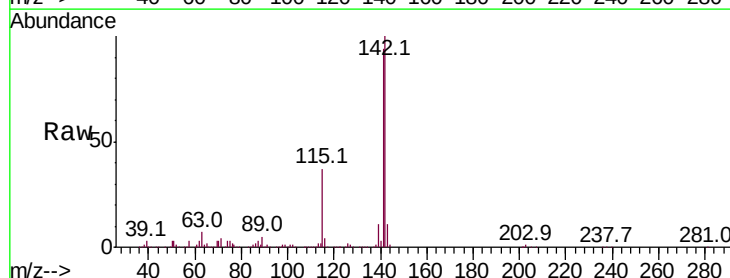
Manual Integrations
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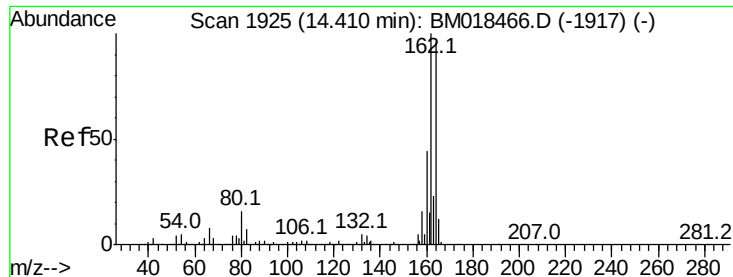
mohammad
2/5/2019 8:41:25 AM



#38
1-Methylnaphthalene
Concen: 51.821 ng
RT: 12.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.6	113.4
116	3.9	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: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

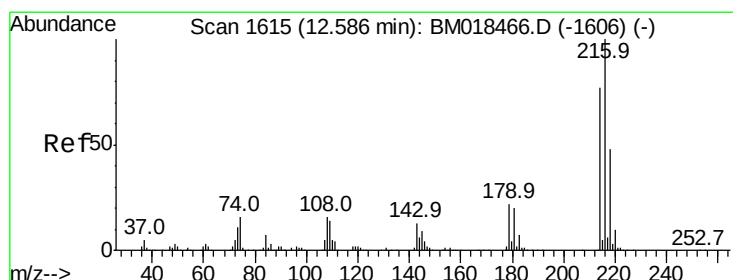
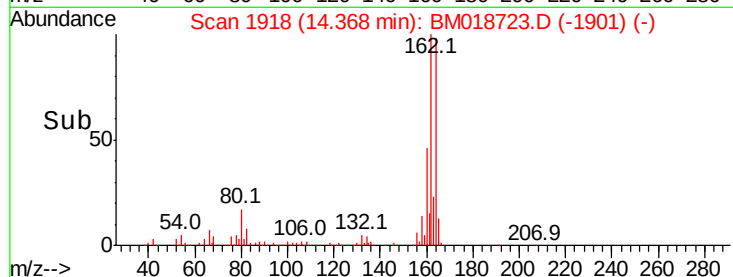
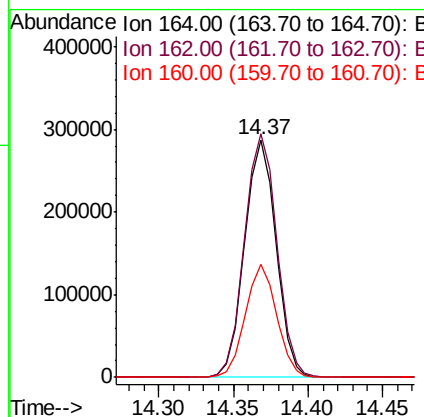
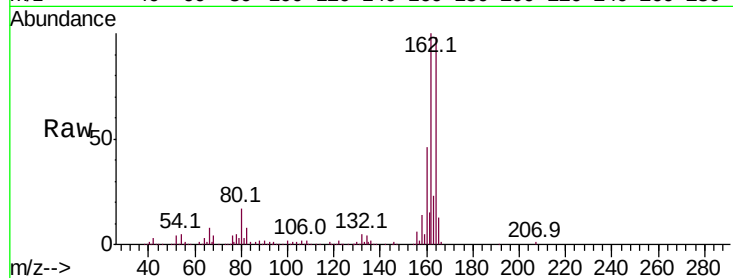
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	164	Resp:	418302
Ion Ratio	Lower	Upper	
164	100		
162	102.4	83.0	124.4
160	47.5	37.1	55.7

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.774 ng

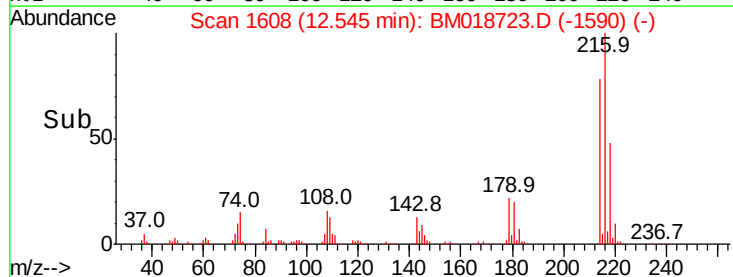
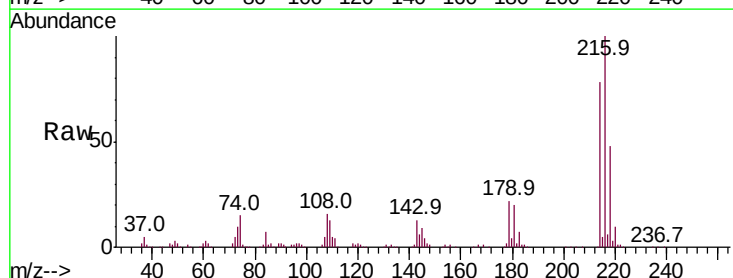
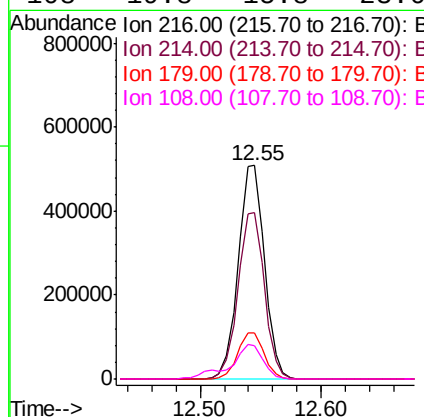
RT: 12.55 min Scan# 1608

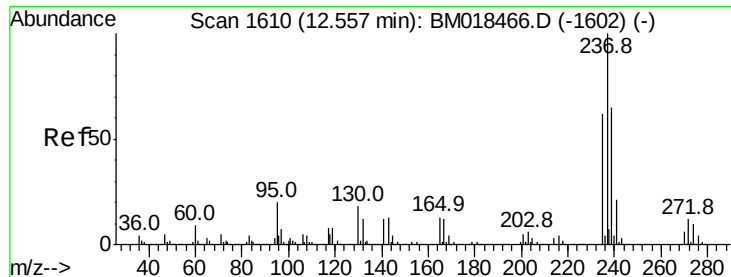
Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	216	Resp:	771967
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.4	95.0
179	21.8	17.9	26.9
108	19.8	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 115.706 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

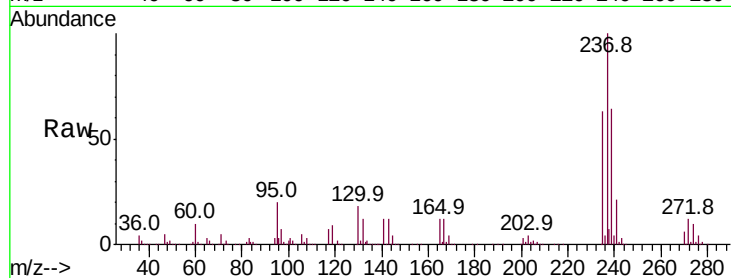
ClientSampleId :

FK-BPM-03-006-ABCDMS

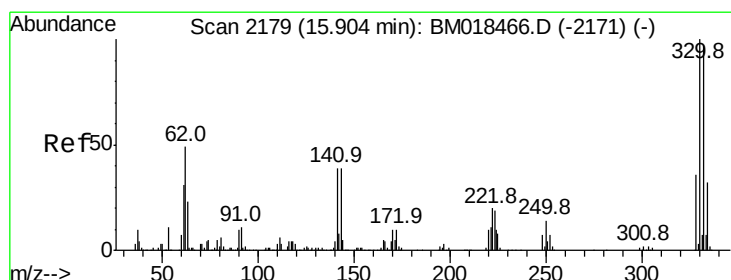
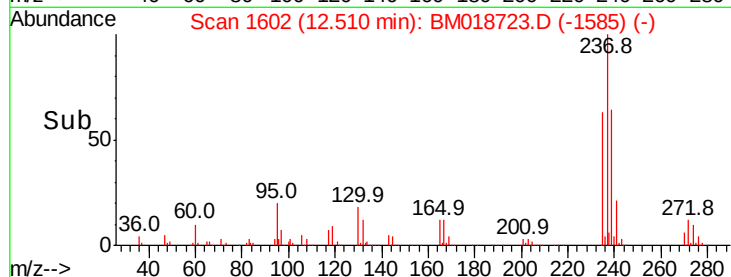
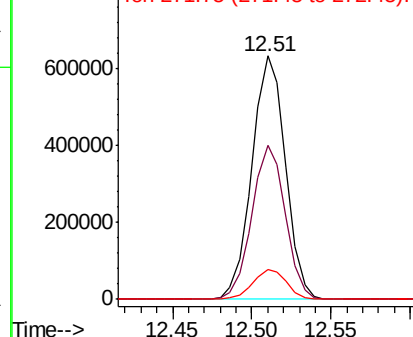
Tot Ion:	237	Resp:	928912
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.8	82.8
272	12.2	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 111.961 ng

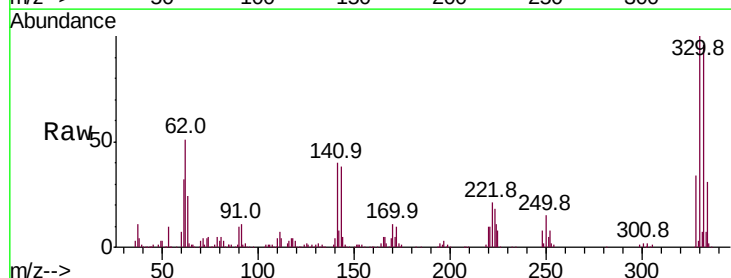
RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

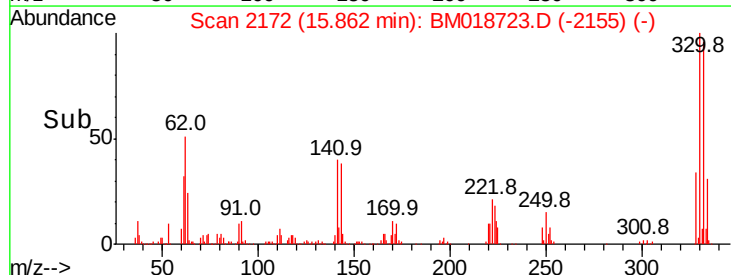
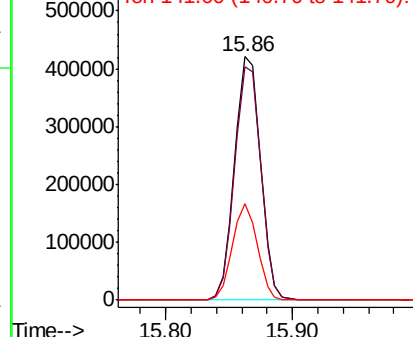
Lab File: BM018723.D

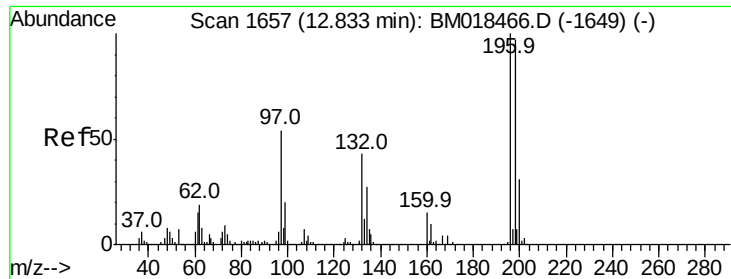
Acq: 04 Feb 2019 17:48

Tgt Ion:	330	Resp:	596324
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.6	116.4
141	38.1	31.7	47.5



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





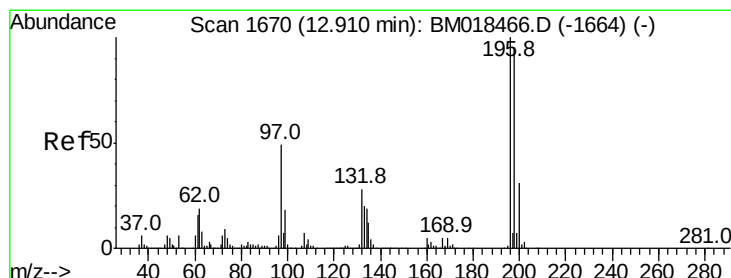
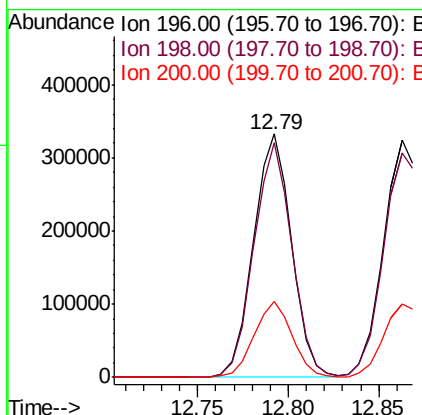
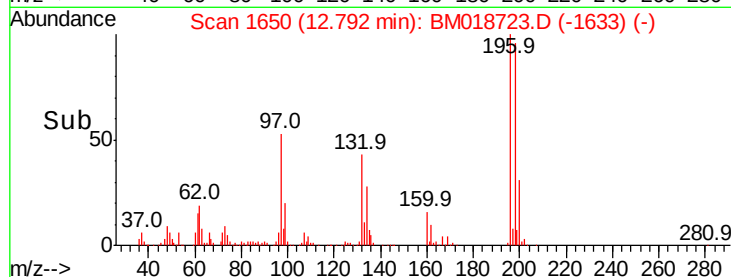
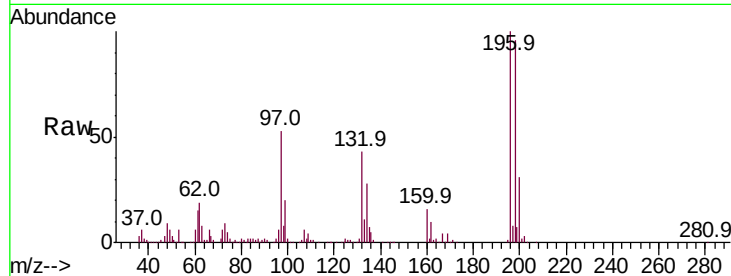
#43
 2,4,6-Trichlorophenol
 Concen: 54.776 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	486566		
198	96.4	76.6	115.0	
200	31.1	24.2	36.4	

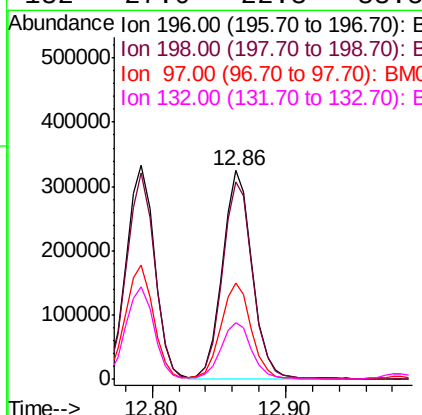
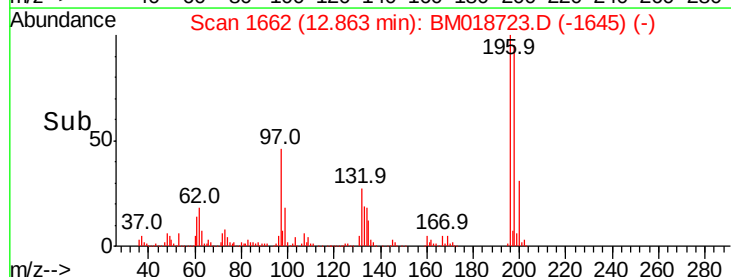
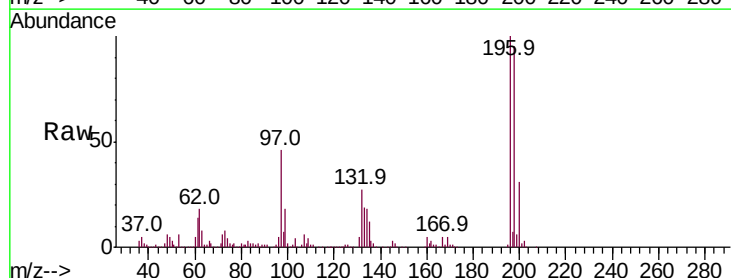
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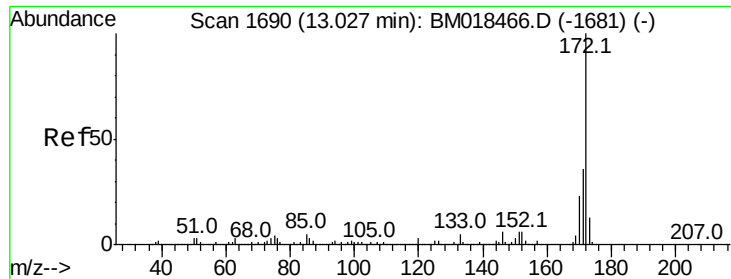
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 54.216 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	506501		
198	94.6	76.7	115.1	
97	46.1	39.2	58.8	
132	27.0	22.3	33.5	





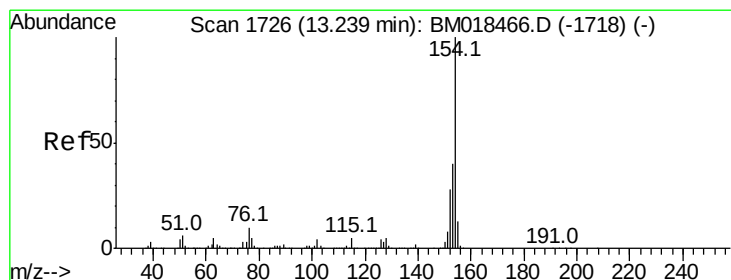
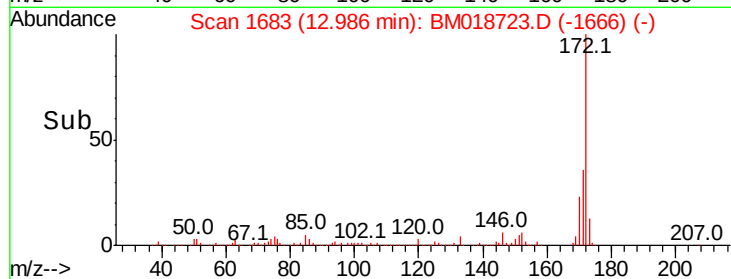
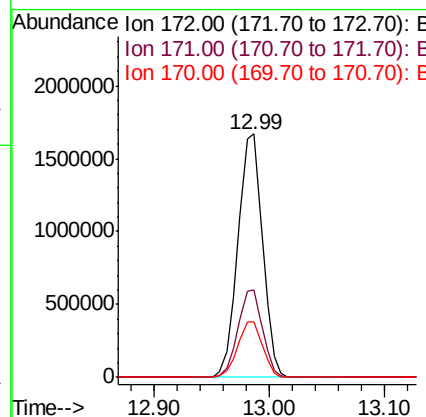
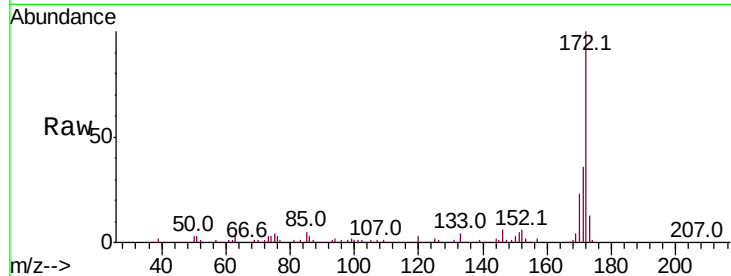
#45
2-Fluorobiphenyl
Concen: 77.073 ng
RT: 12.99 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion:172 Resp: 2470734
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.0 18.9 28.3

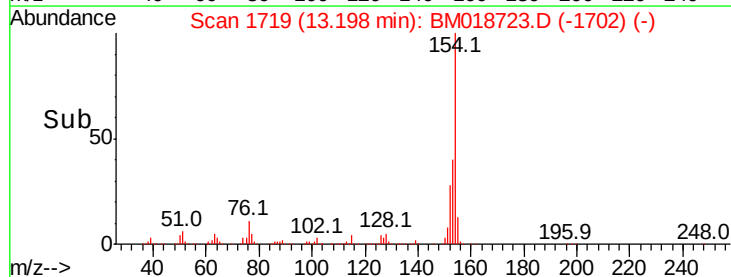
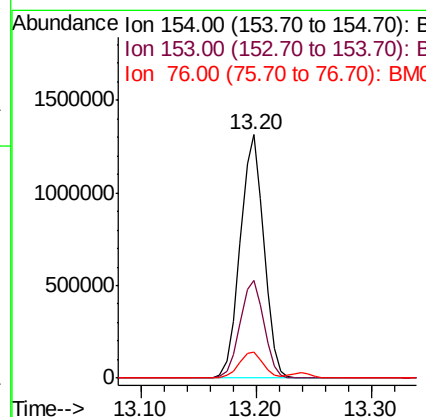
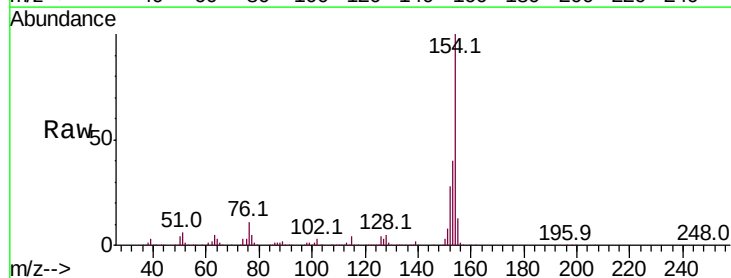
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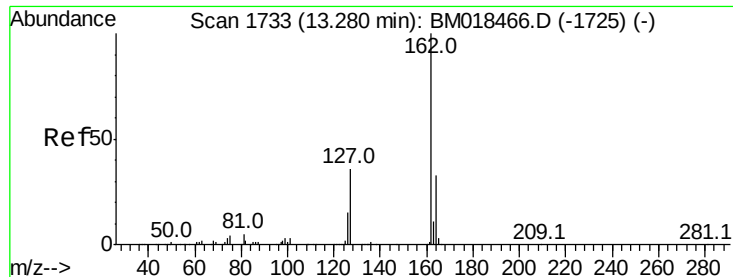
mohammad
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#46
1,1'-Biphenyl
Concen: 50.928 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:154 Resp: 1860088
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 10.9 0.0 31.9





#47

2-Chloronaphthalene

Concen: 51.152 ng

RT: 13.24 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

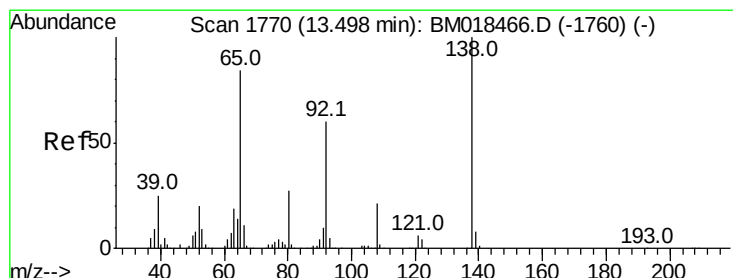
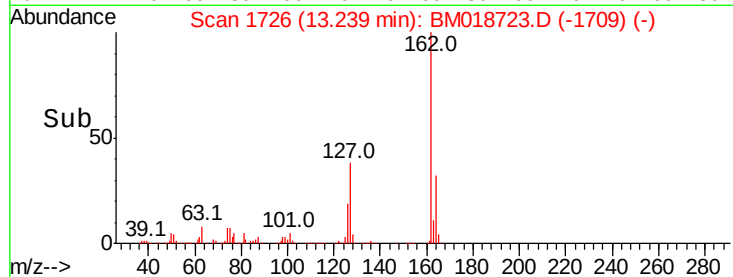
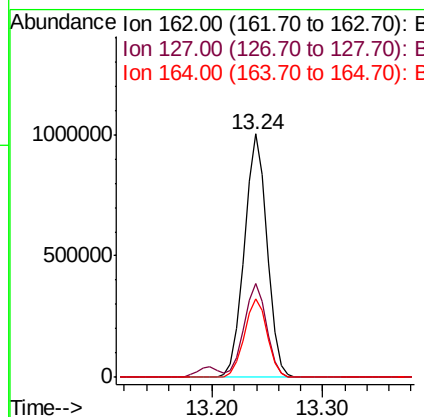
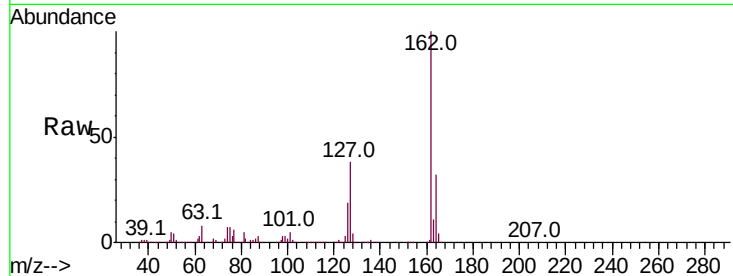
Instrument :
BNA_M

ClientSampleId :
FK-BPM-03-006-ABCDMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.4	47.0
164	32.4	26.2	39.4

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#48

2-Nitroaniline

Concen: 51.396 ng

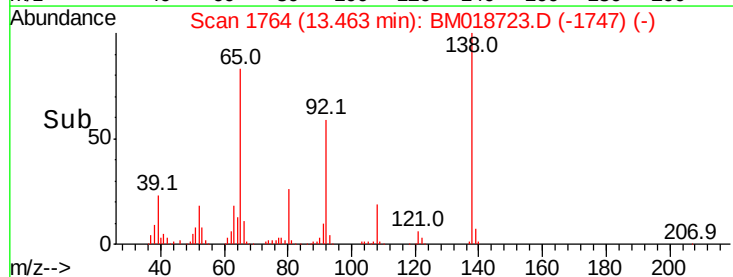
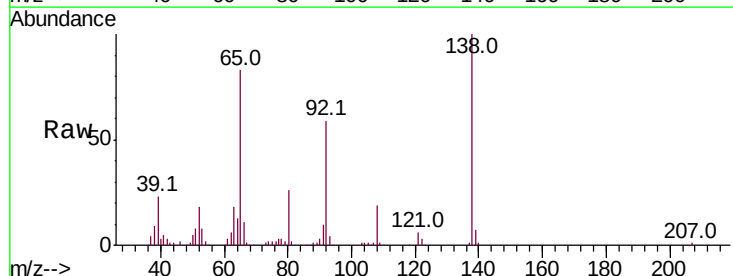
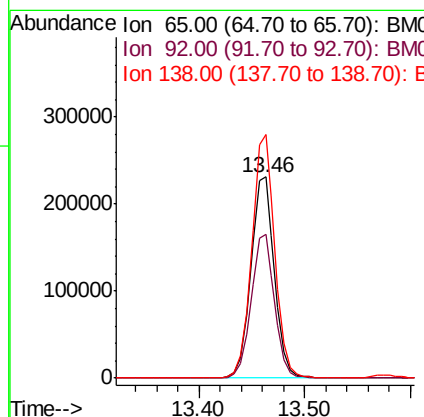
RT: 13.46 min Scan# 1764

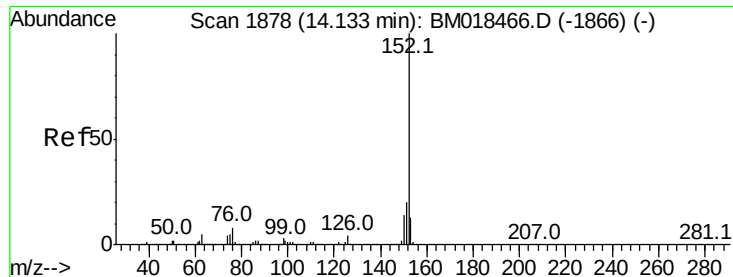
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.4	80.2
138	121.1	88.9	133.3





#49

Acenaphthylene

Concen: 54.709 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

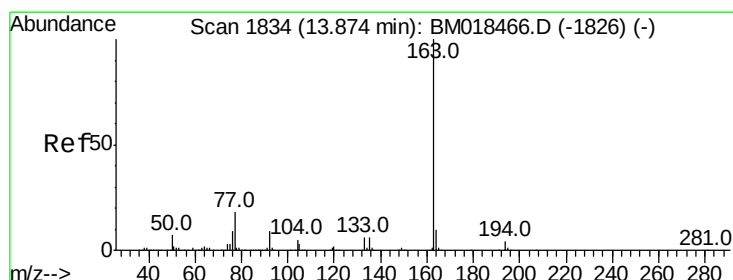
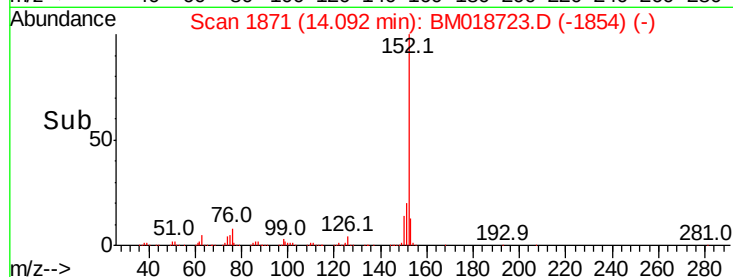
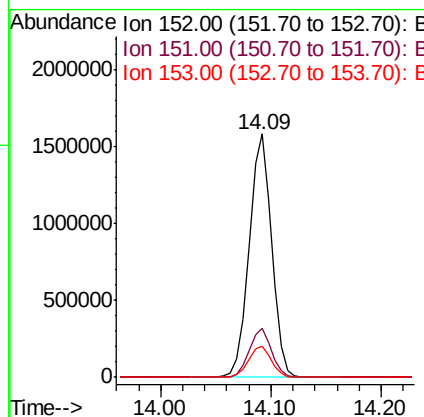
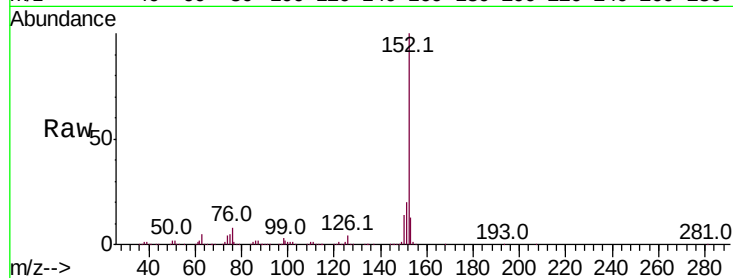
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	152	Resp:	2258151
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.5	15.7

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#50

Dimethylphthalate

Concen: 55.939 ng

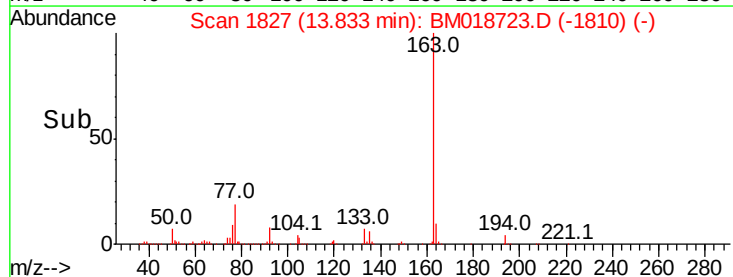
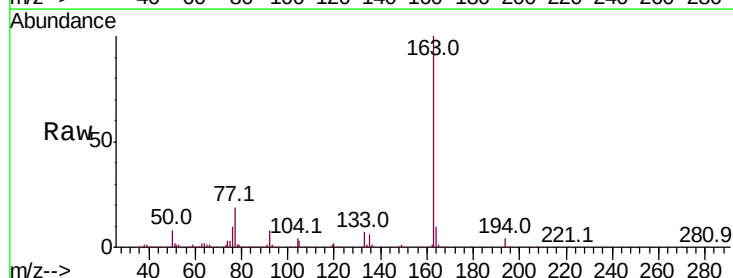
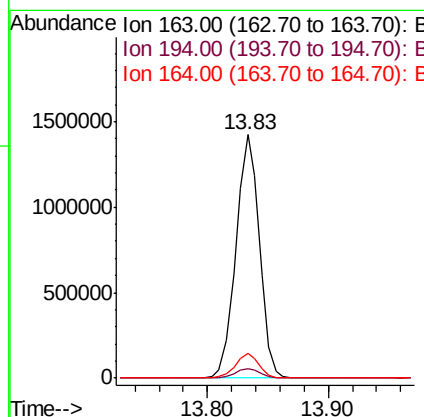
RT: 13.83 min Scan# 1827

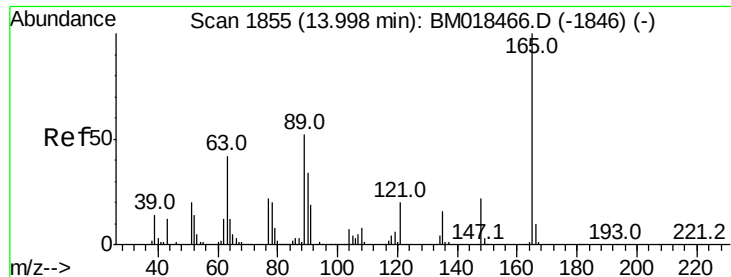
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	163	Resp:	1921717
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	7.8	11.8





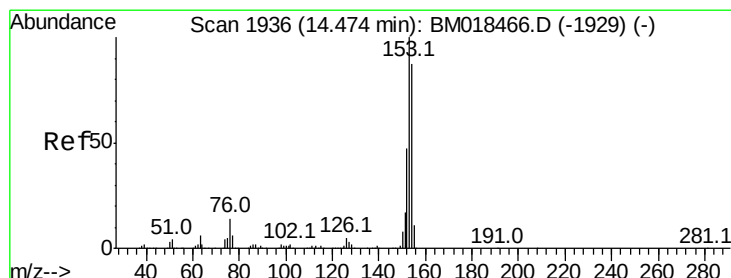
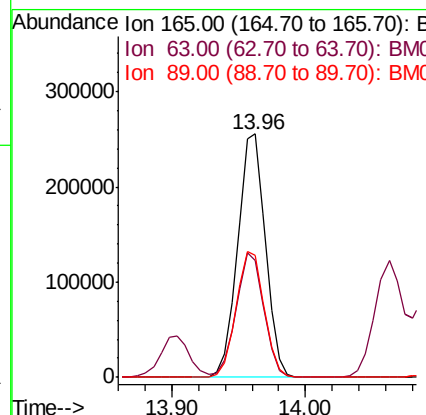
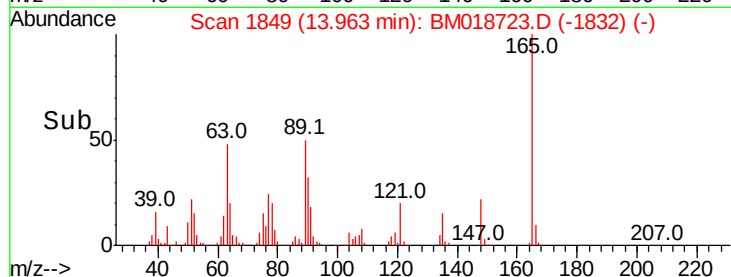
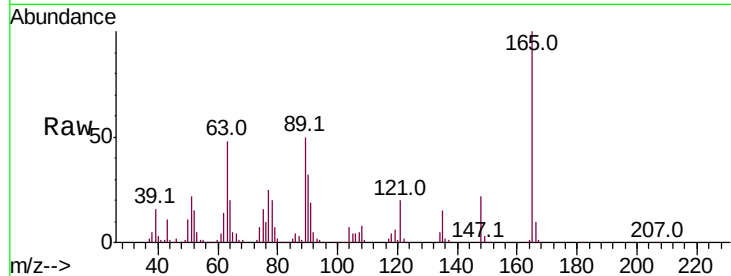
#51
2,6-Dinitrotoluene
Concen: 50.770 ng
RT: 13.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	369451		
63	48.1		45.6	68.4
89	50.2		44.6	66.8

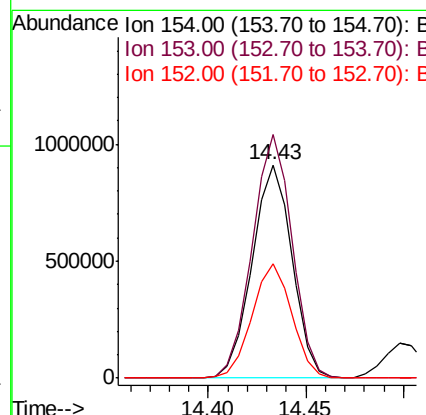
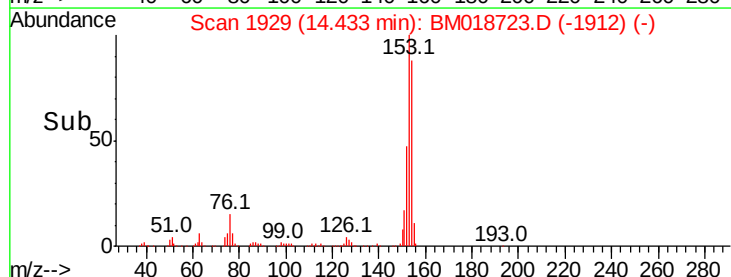
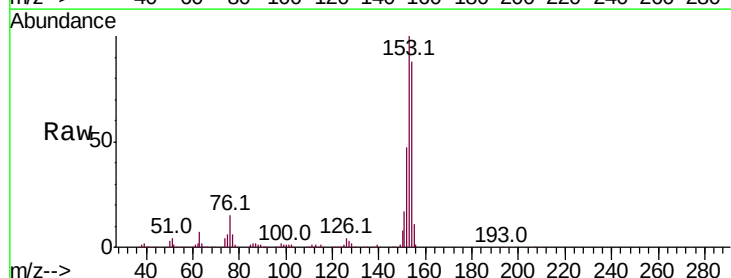
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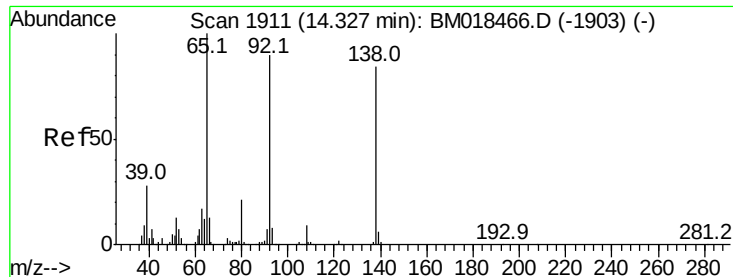
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#52
Acenaphthene
Concen: 51.246 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1294202		
153	114.1		92.3	138.5
152	53.3		43.8	65.6





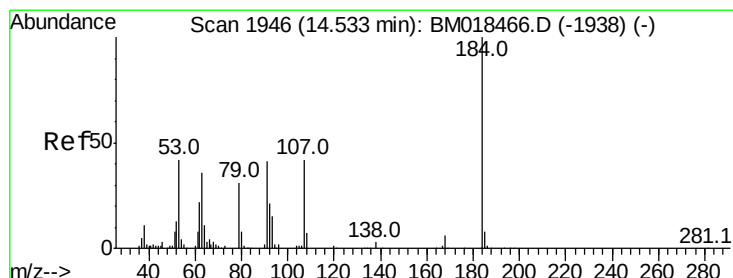
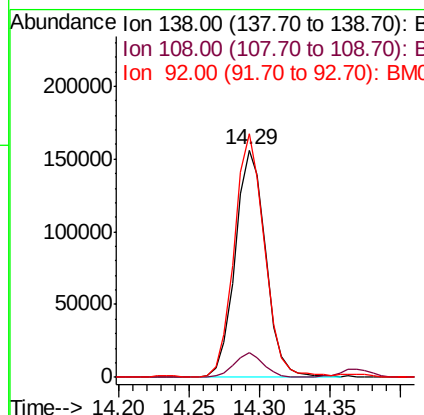
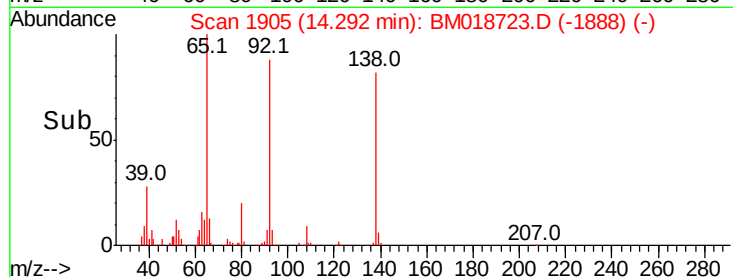
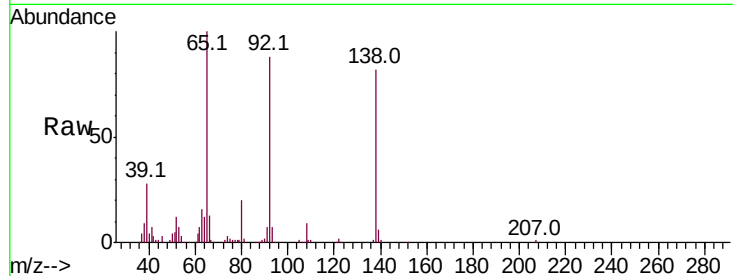
#53
3-Nitroaniline
Concen: 32.108 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	107.1	88.2	132.2

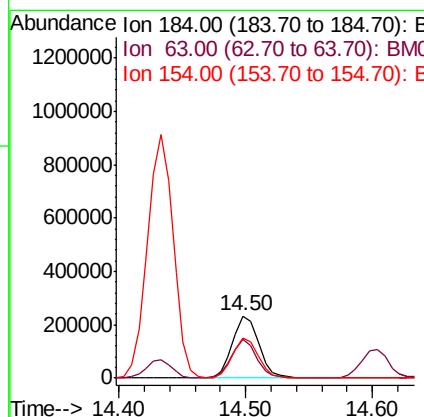
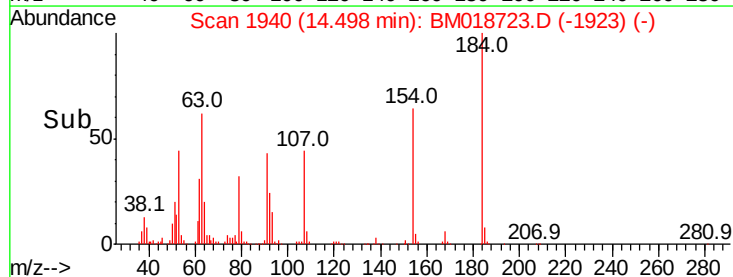
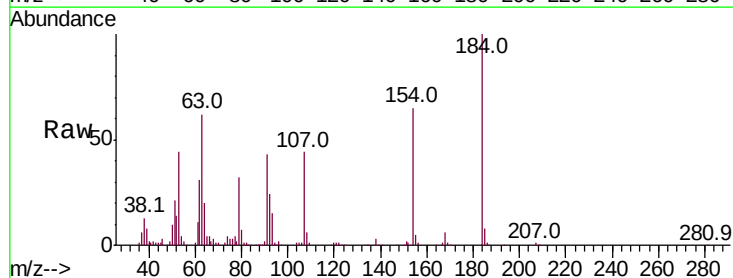
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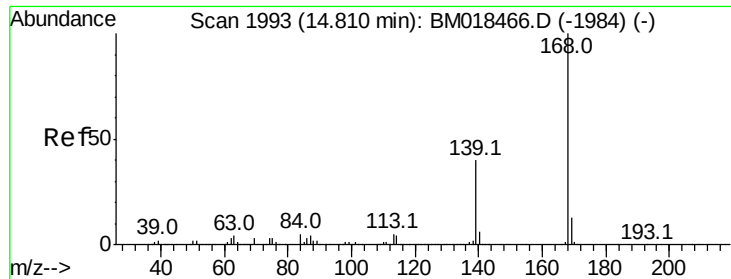
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#54
2,4-Dinitrophenol
Concen: 85.351 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	55.9	83.9
154	64.7	54.2	81.4





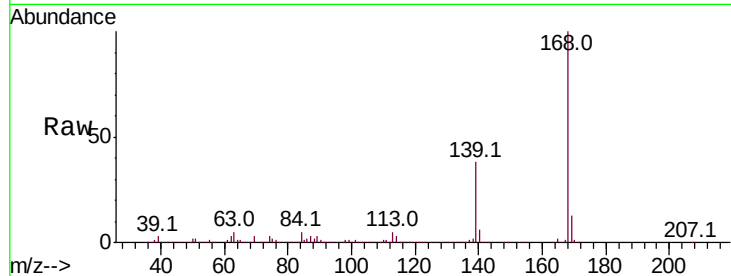
#55
Dibenzofuran
Concen: 49.175 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.3	45.5
169	13.2	10.6	16.0

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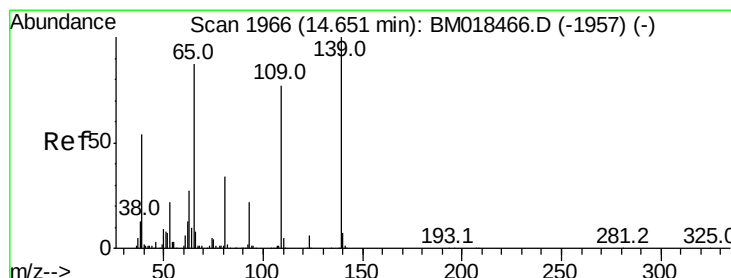
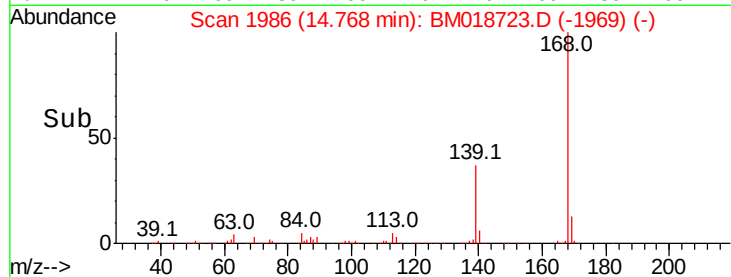
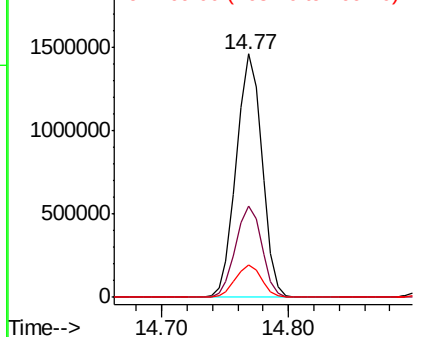


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 96.113 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

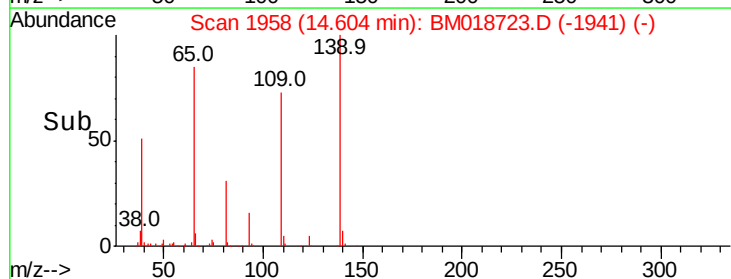
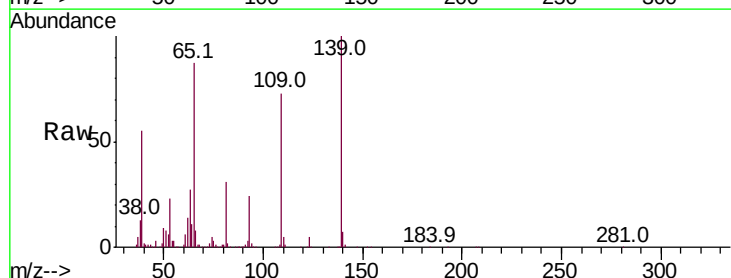
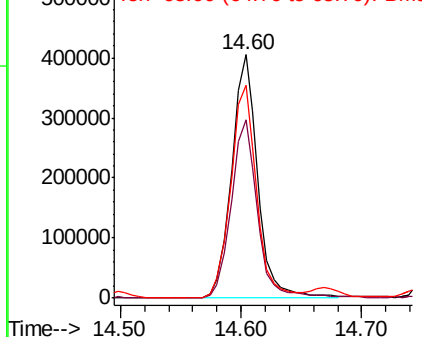
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	51.7	91.7
65	87.3	71.4	111.4

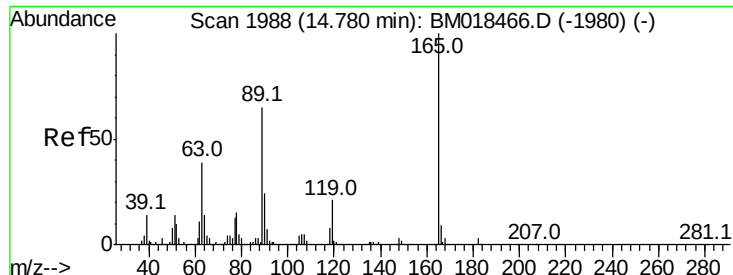
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 48.573 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

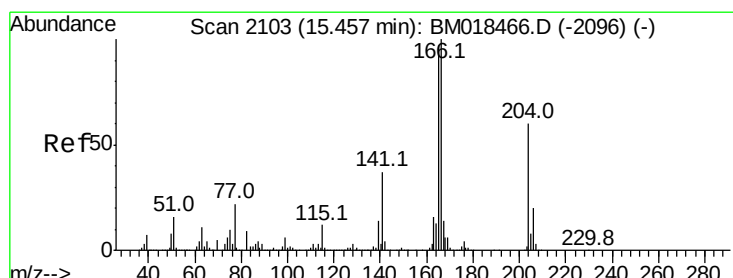
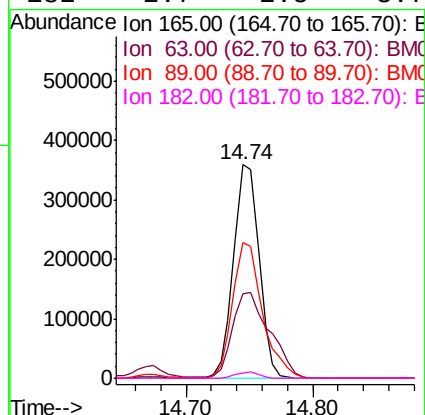
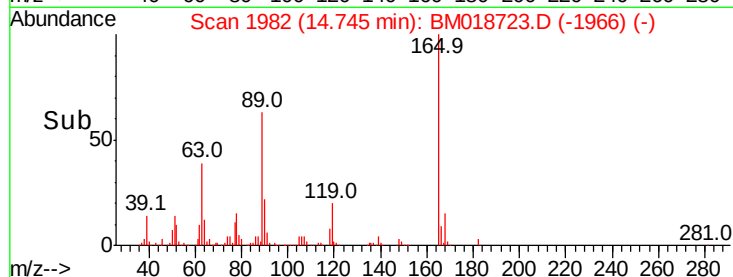
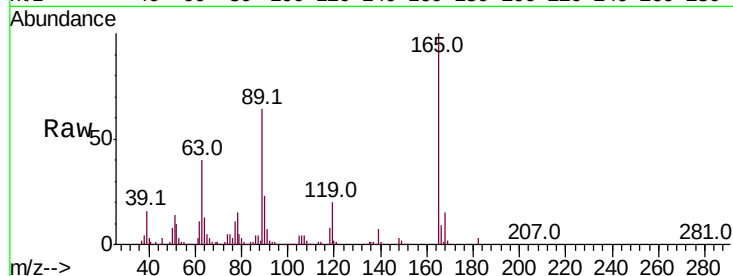
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	500118		
63	39.8		32.2	48.2
89	63.7		52.1	78.1
182	2.7		2.5	3.7

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#58

Fluorene

Concen: 51.791 ng

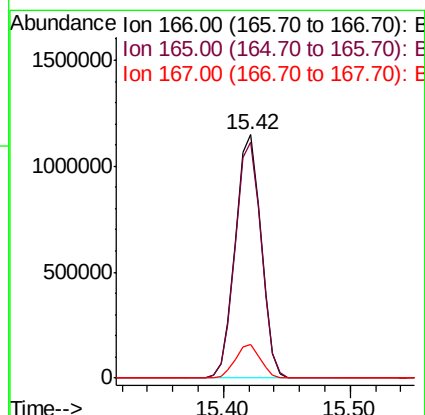
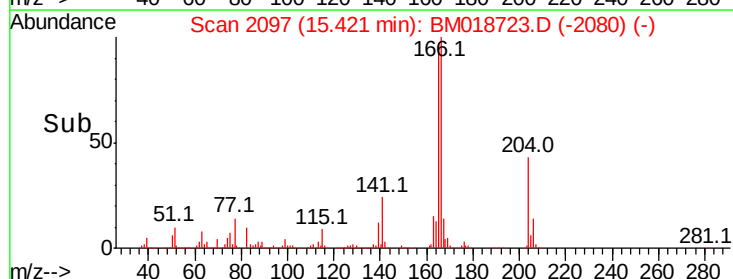
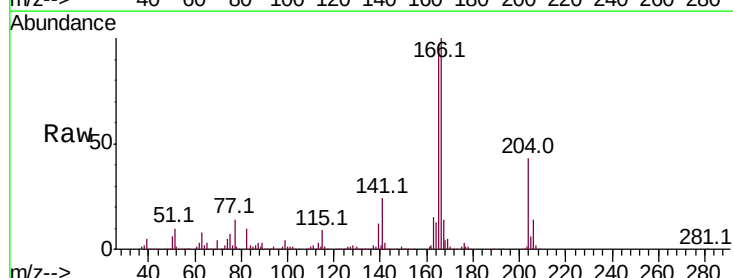
RT: 15.42 min Scan# 2097

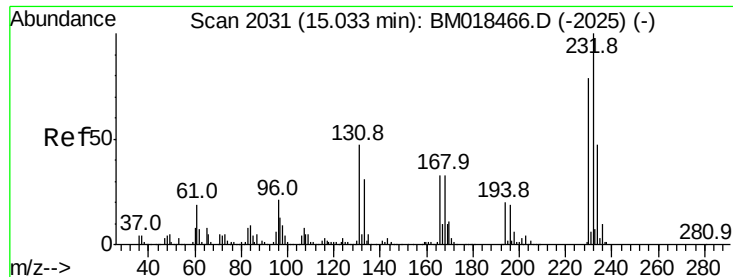
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1609911		
165	96.8		78.3	117.5
167	13.6		10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.764 ng

RT: 15.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:232 Resp: 436926

Ion Ratio Lower Upper

232 100

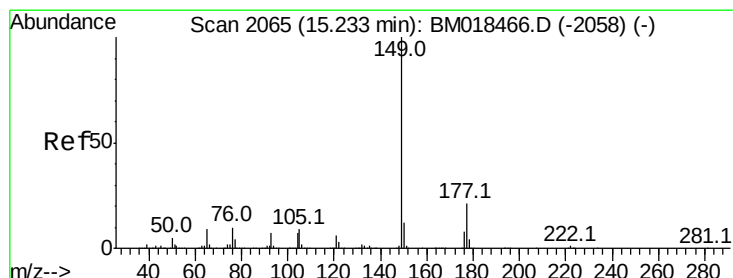
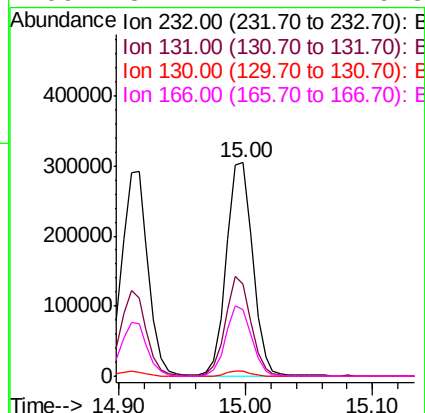
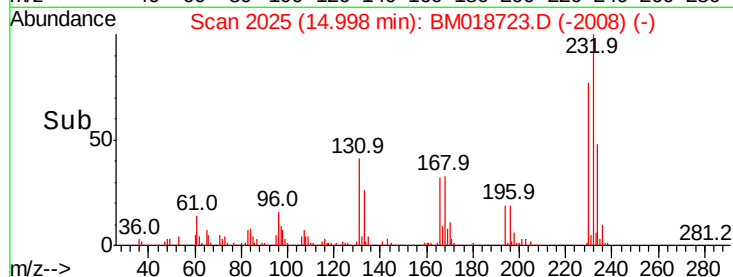
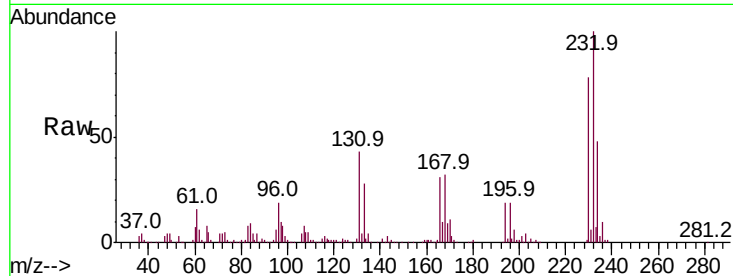
131 45.0 38.6 57.8

130 2.4 2.2 3.4

166 32.7 27.2 40.8

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#60

Diethylphthalate

Concen: 46.929 ng

RT: 15.20 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

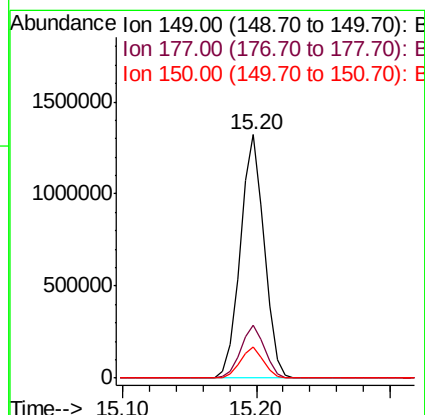
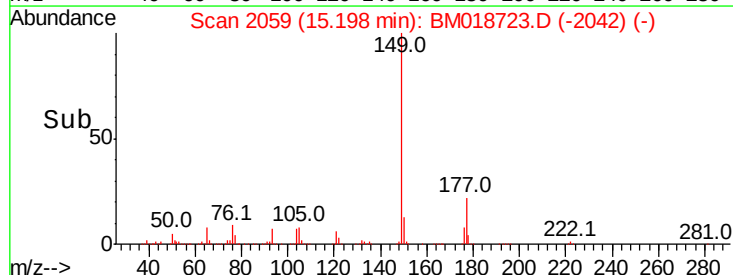
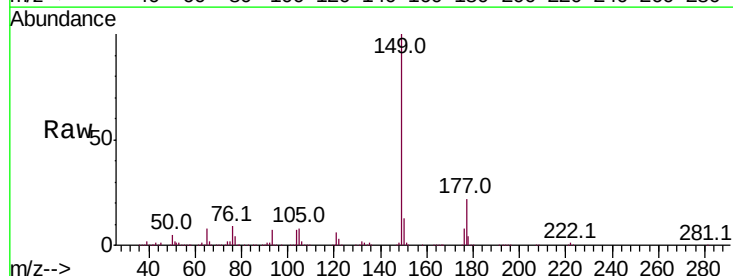
Tgt Ion:149 Resp: 1627528

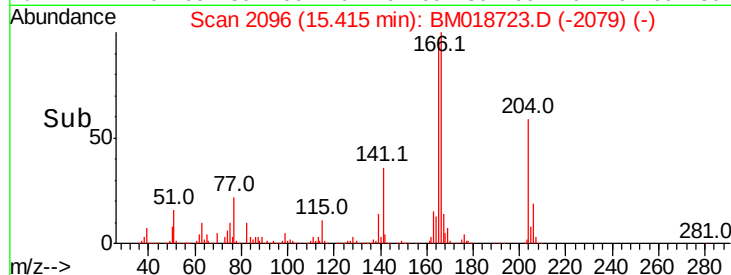
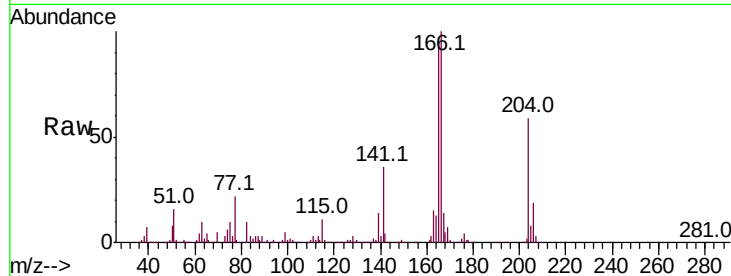
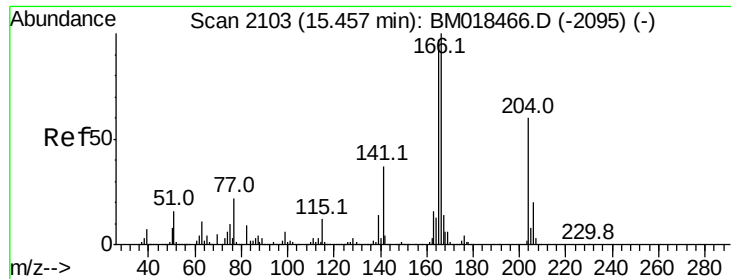
Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.6 9.8 14.6





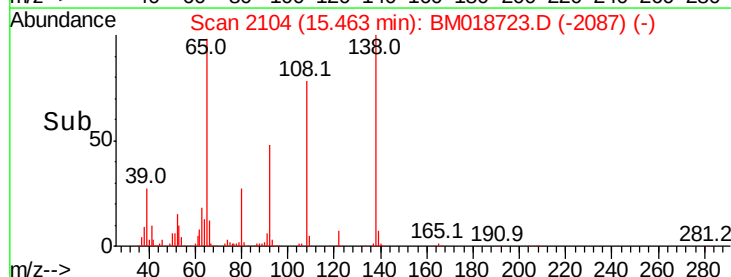
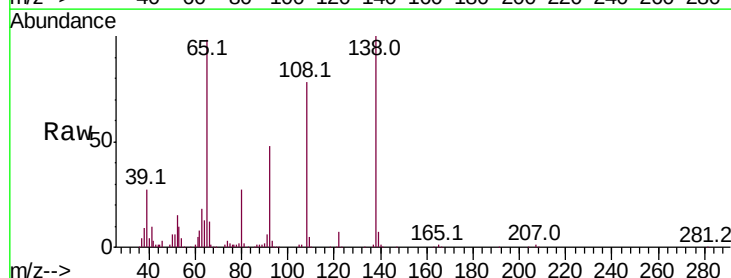
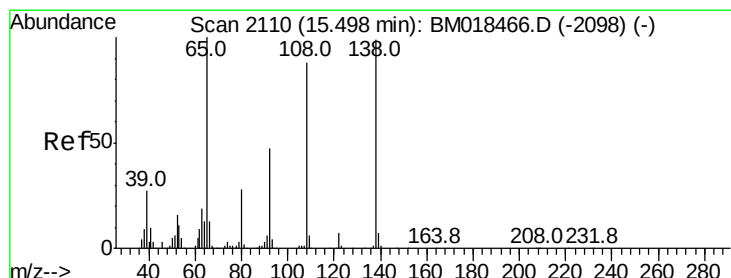
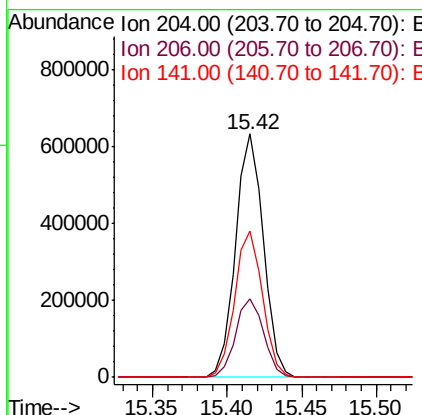
#61
4-Chlorophenyl-phenylether
Concen: 45.951 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.6
141	60.3	49.5	74.3

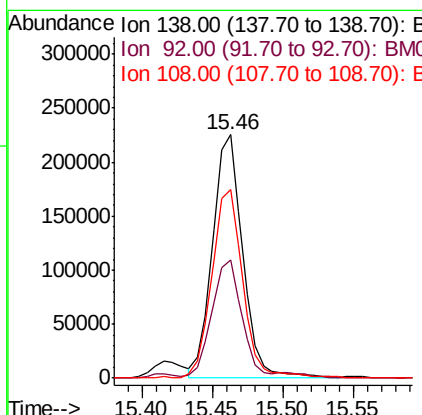
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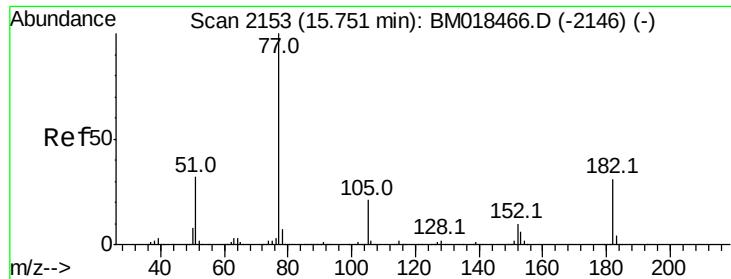
mohammad
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#62
4-Nitroaniline
Concen: 41.533 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	29.0	69.0
108	77.7	63.9	103.9





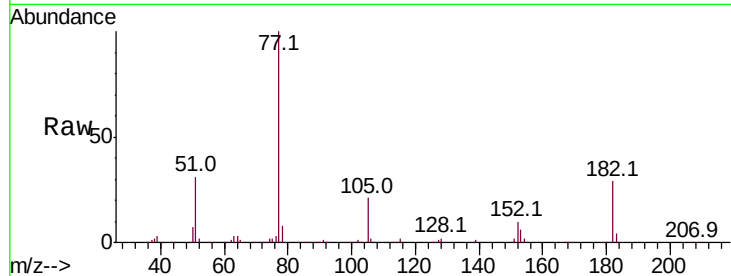
#63
Azobenzene
Concen: 48.362 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

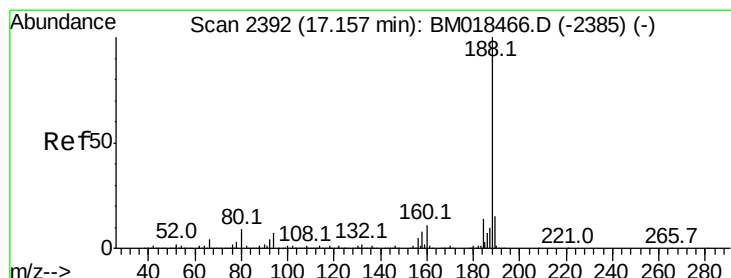
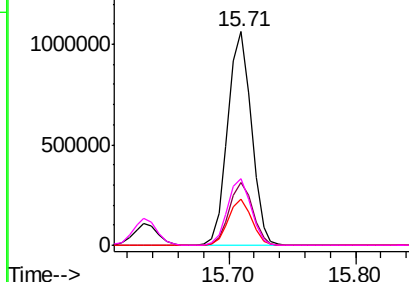
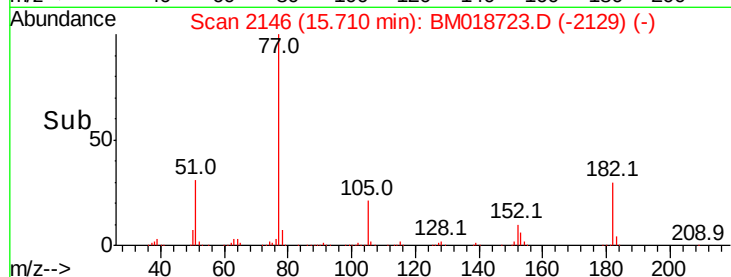
Tot Ion: 77 Resp: 1367468
Ion Ratio Lower Upper
77 100
182 29.5 7.4 47.4
105 21.3 0.0 39.6
51 31.0 12.0 52.0

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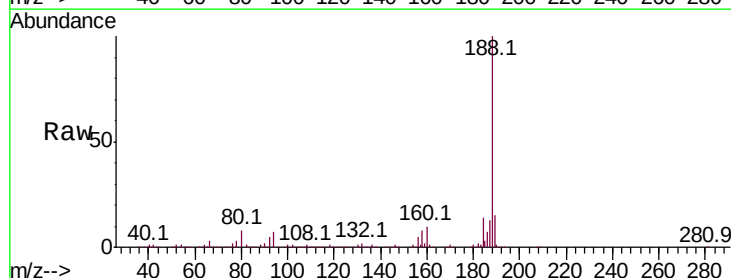


Abundance Ion 77.00 (76.70 to 77.70): BM018723.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018723.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018723.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018723.D (-2146) (-)

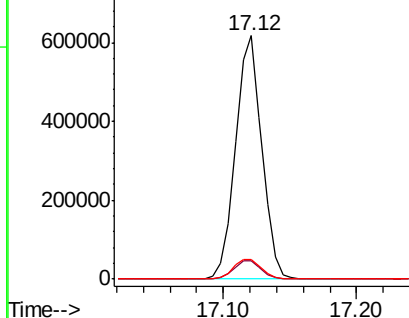
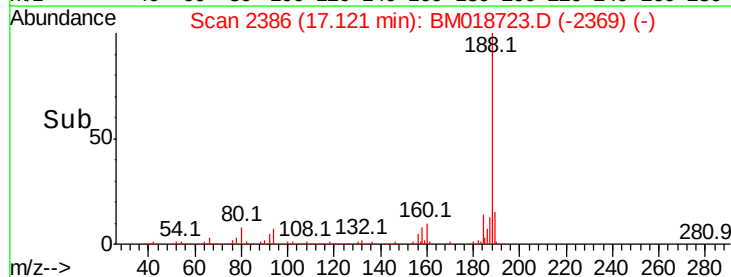


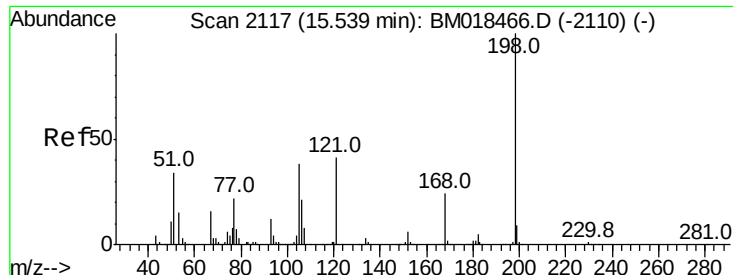
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion: 188 Resp: 841382
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.2 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018723.D (-2369) (-)
Ion 94.00 (93.70 to 94.70): BM018723.D (-2369) (-)
Ion 80.00 (79.70 to 80.70): BM018723.D (-2369) (-)





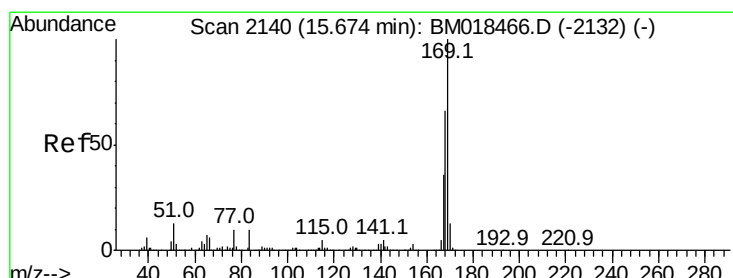
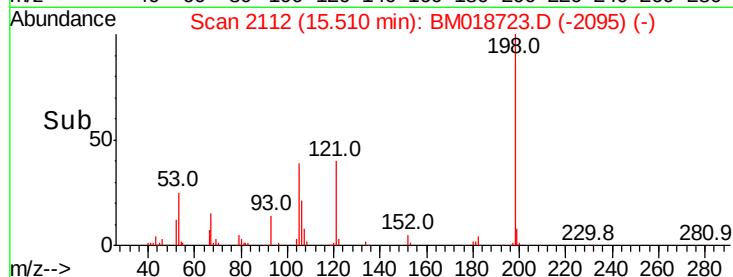
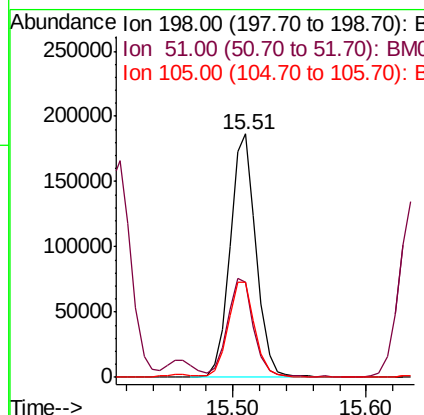
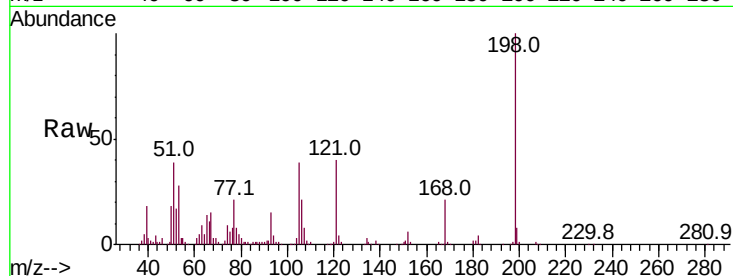
#65
4,6-Dinitro-2-methylphenol
Concen: 47.326 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	253348		
51	39.3	29.6	69.6	
105	39.2	25.5	65.5	

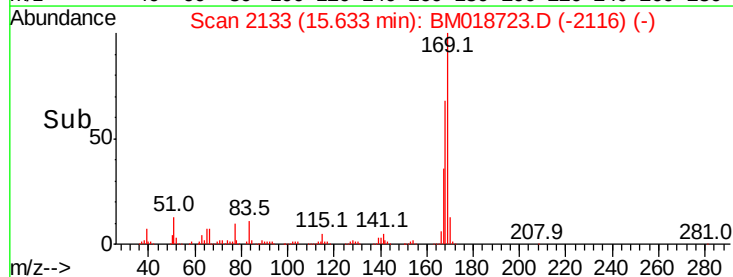
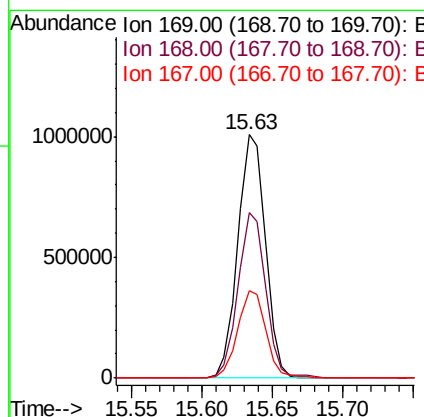
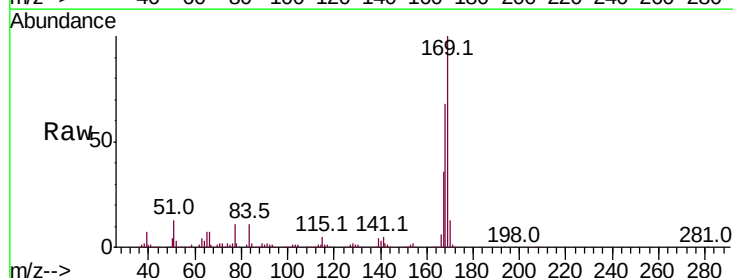
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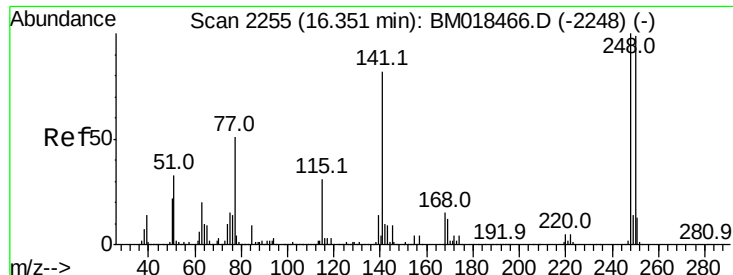
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#66
n-Nitrosodiphenylamine
Concen: 52.725 ng
RT: 15.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1376088		
168	67.8	54.1	81.1	
167	36.2	28.6	42.8	





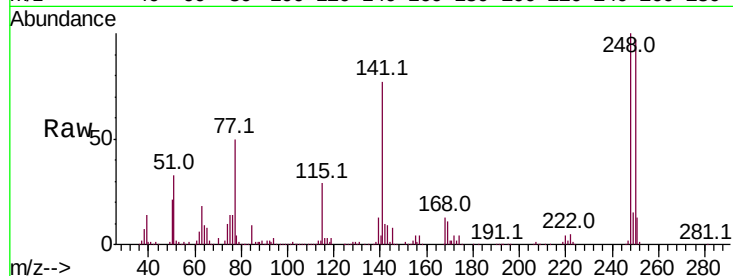
#67
4-Bromophenyl-phenylether
Concen: 50.786 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.0	114.0
141	76.5	61.5	92.3

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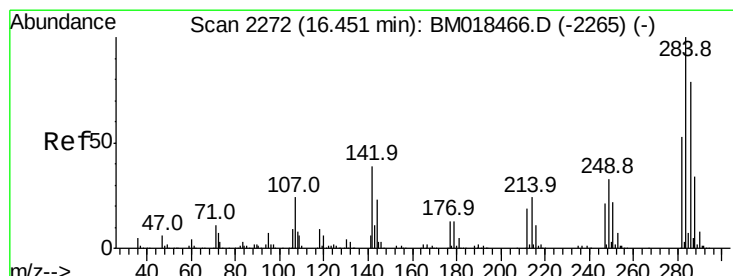
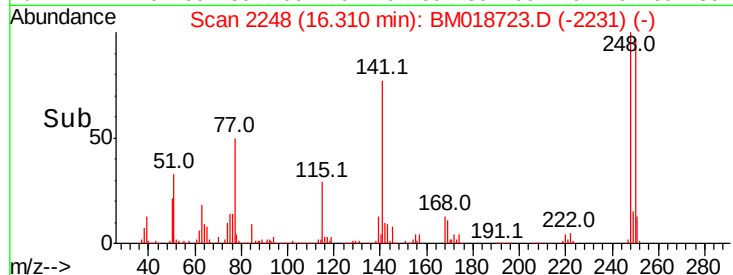
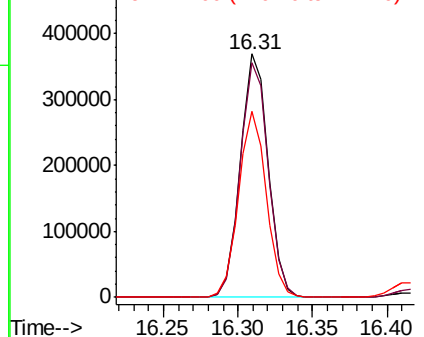


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 50.373 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

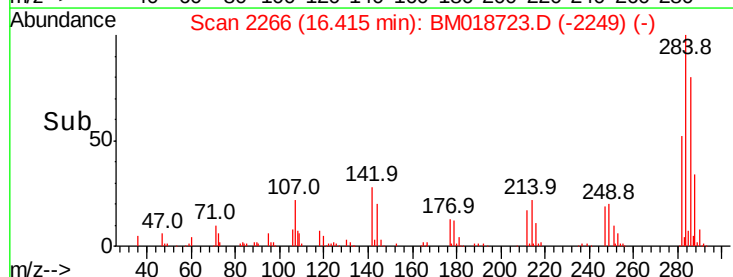
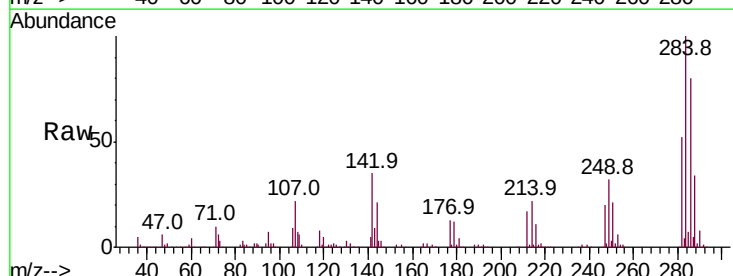
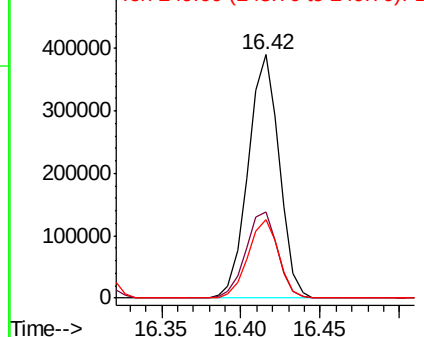
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	29.2	43.8
249	32.3	26.1	39.1

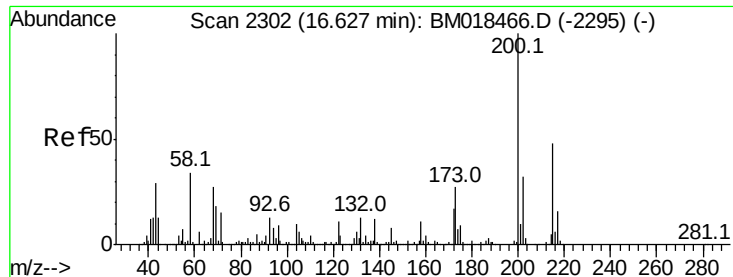
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





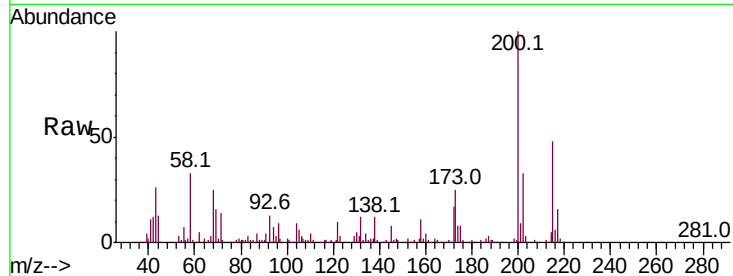
#69
Atrazine
Concen: 47.697 ng
RT: 16.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.2	47.2
215	48.3	28.3	68.3

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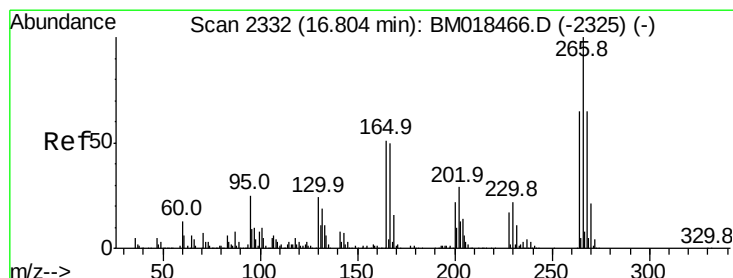
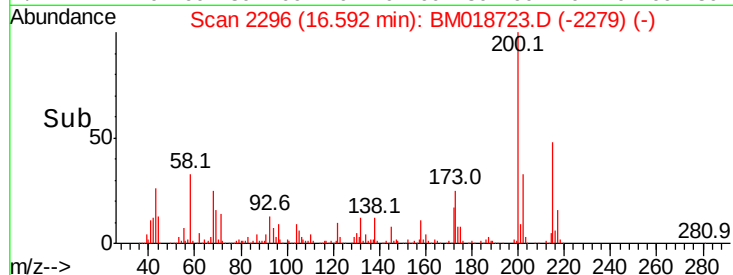
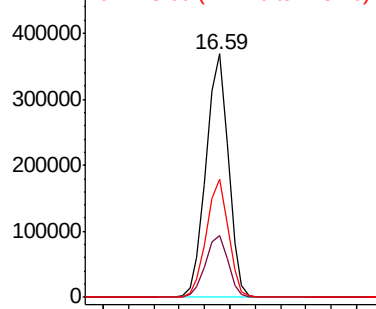


Abundance

Ion 200.00 (199.70 to 200.70): E

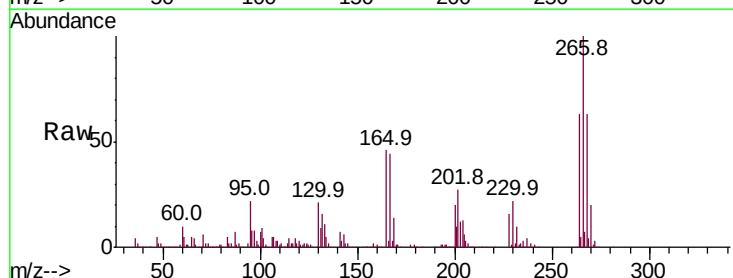
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.035 ng
RT: 16.77 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.8	74.6
264	62.5	50.1	75.1

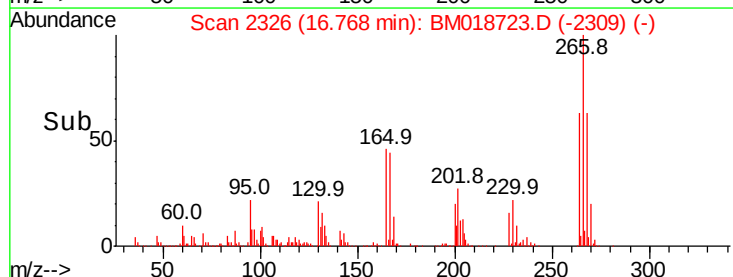
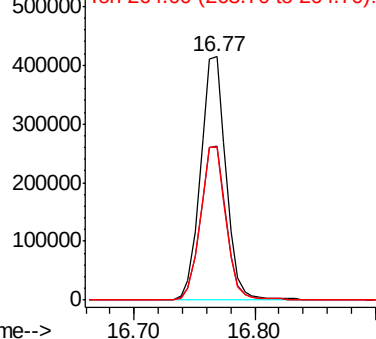


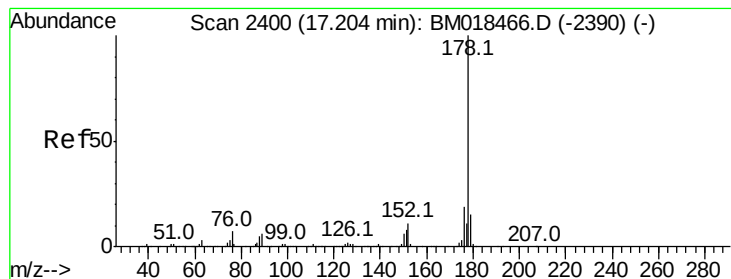
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 53.814 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:178 Resp: 2408354

Ion Ratio Lower Upper

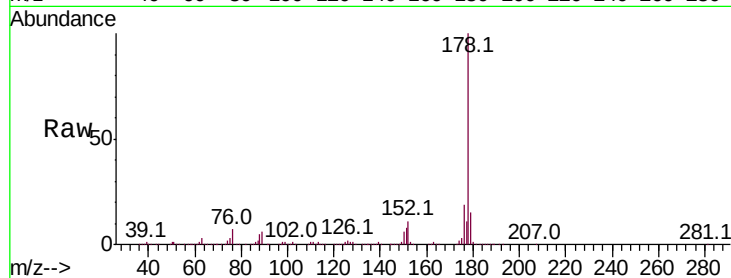
178 100

176 18.8 15.4 23.0

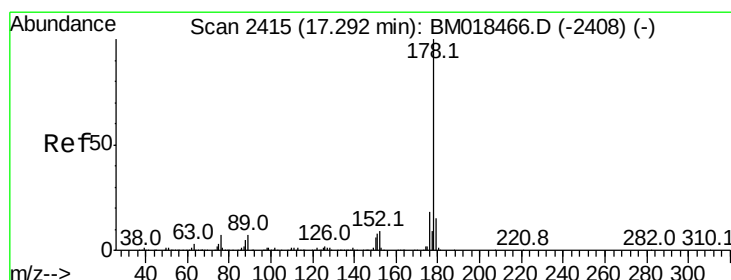
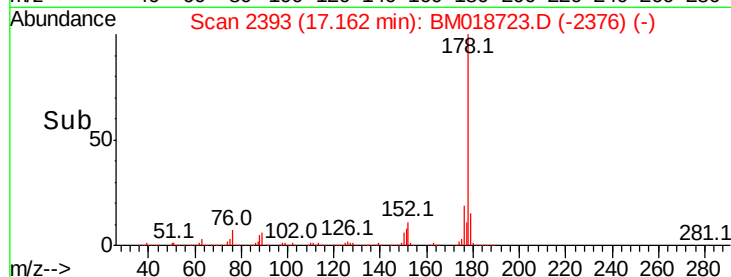
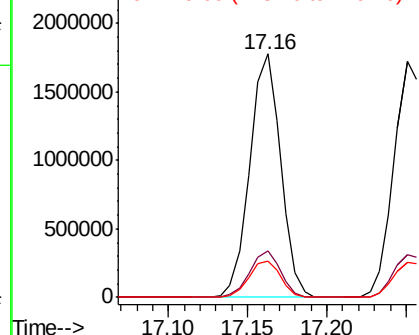
179 15.1 12.2 18.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 56.447 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:178 Resp: 2429188

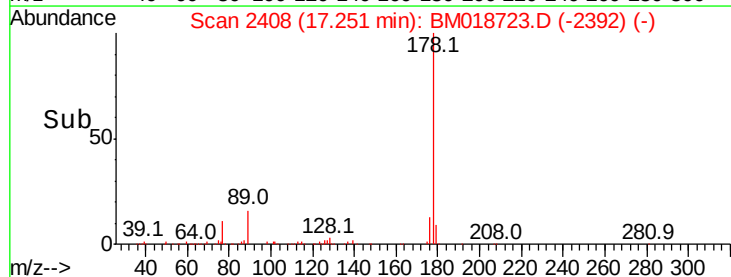
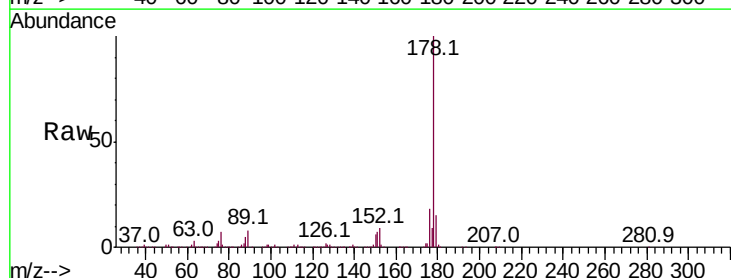
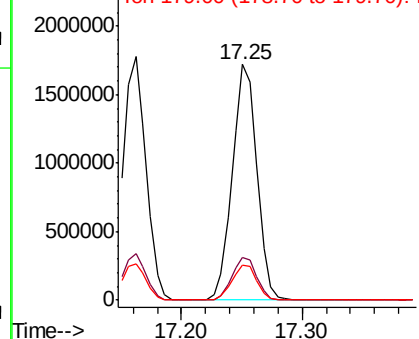
Ion Ratio Lower Upper

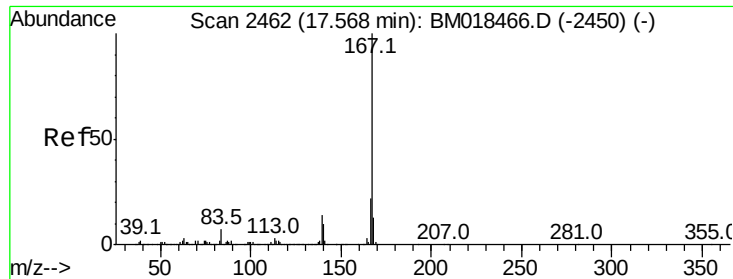
178 100

176 18.3 14.7 22.1

179 15.0 12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.906 ng

RT: 17.53 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:167 Resp: 2162290

Ion Ratio Lower Upper

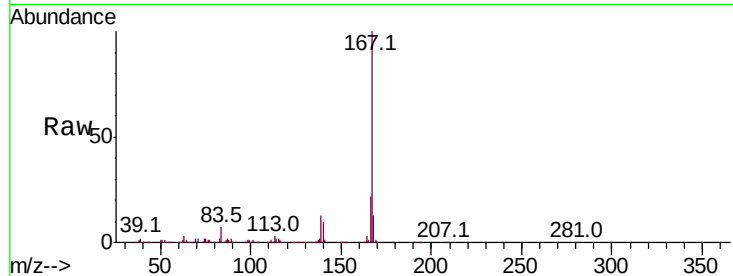
167 100

166 22.1 17.4 26.2

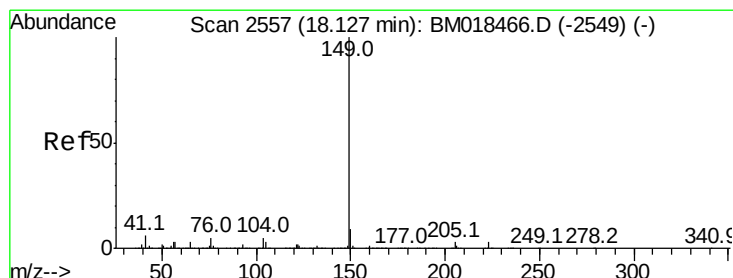
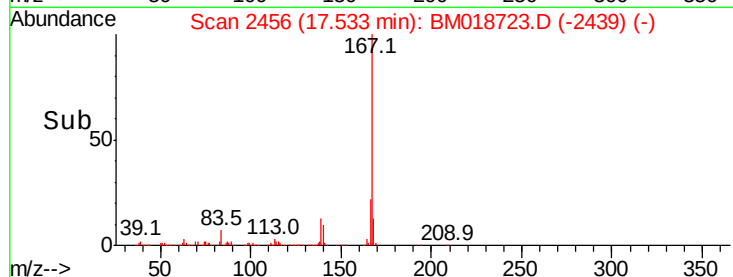
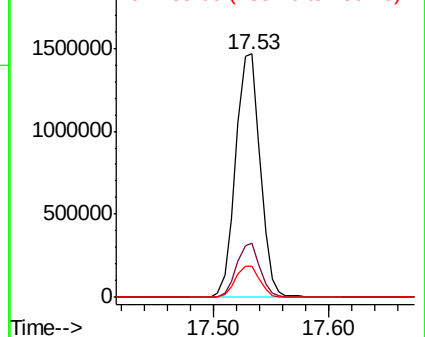
139 12.6 10.6 16.0

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Abundance Ion 167.00 (166.70 to 167.70): E
2000000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 52.794 ng

RT: 18.09 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

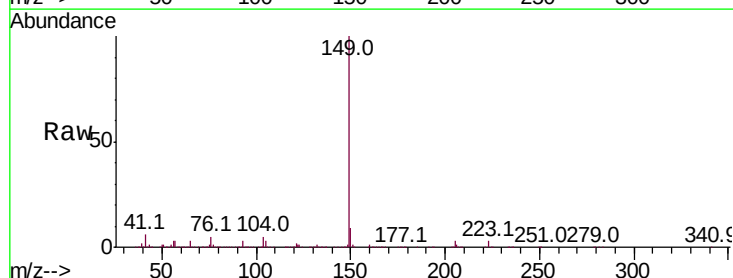
Tgt Ion:149 Resp: 2556831

Ion Ratio Lower Upper

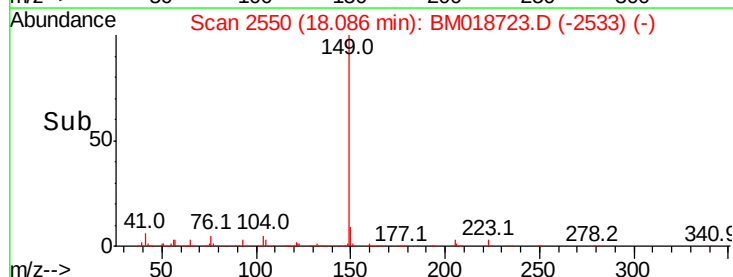
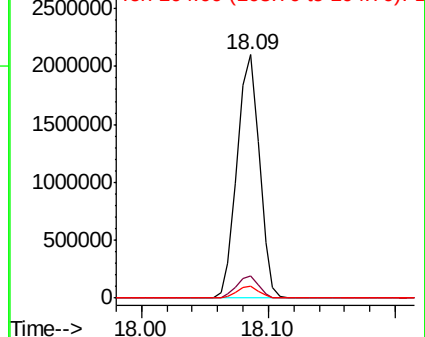
149 100

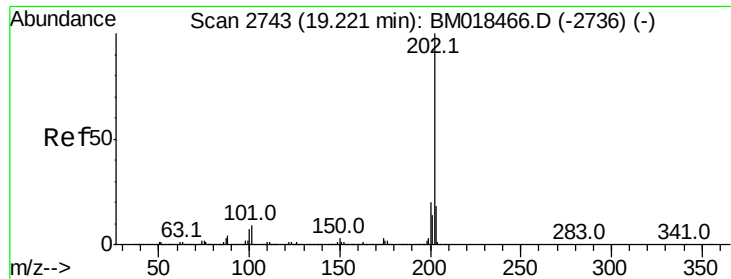
150 8.9 7.3 10.9

104 4.9 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





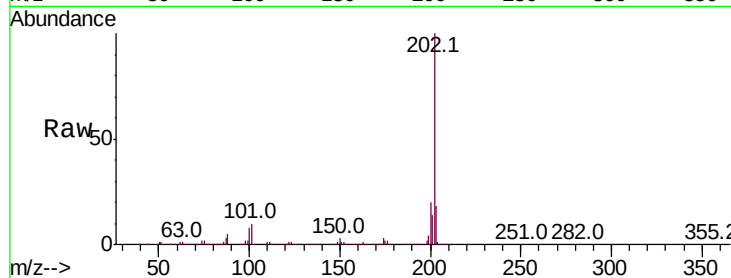
#75
Fluoranthene
Concen: 51.533 ng
RT: 19.18 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.9
203	17.7	0.0	37.4

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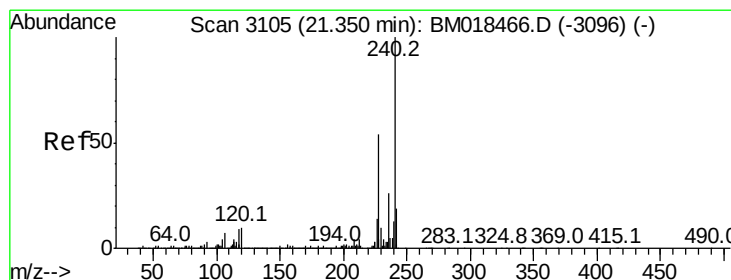
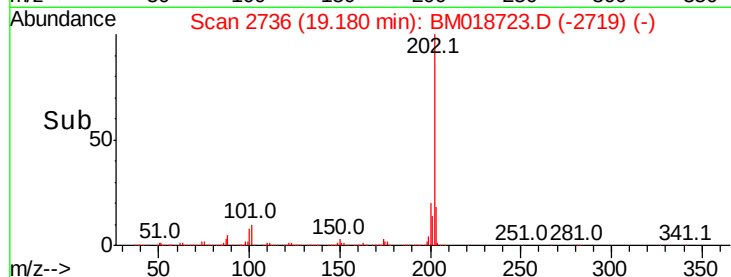
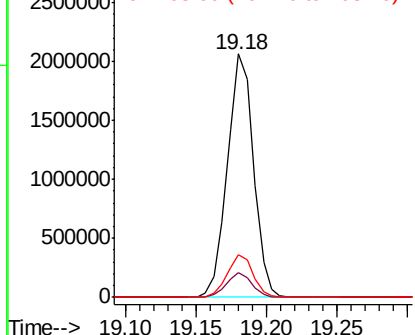


Abundance

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: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

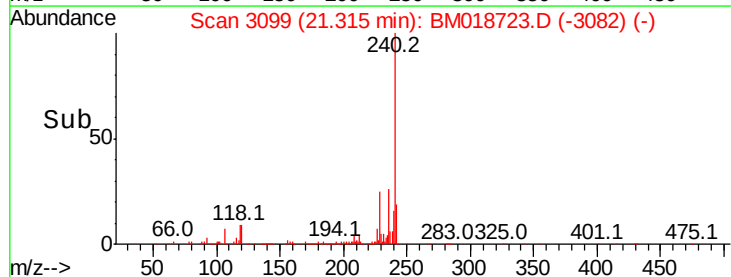
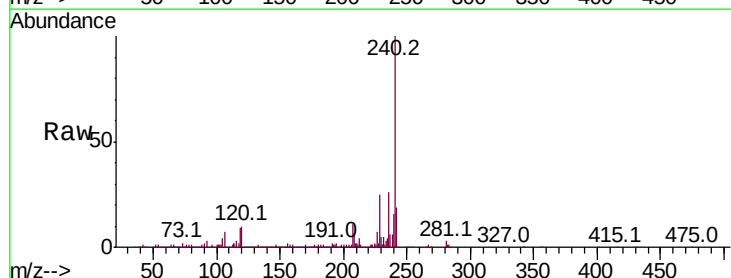
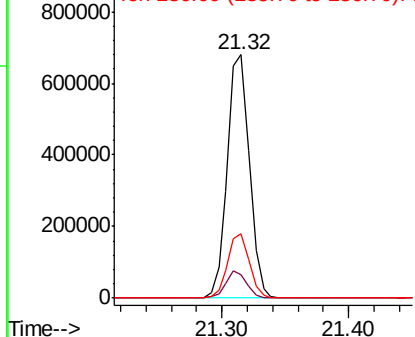
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.4	20.7	31.1

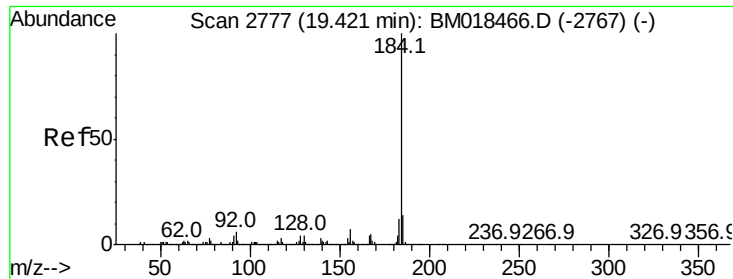
Abundance

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: 23.230 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

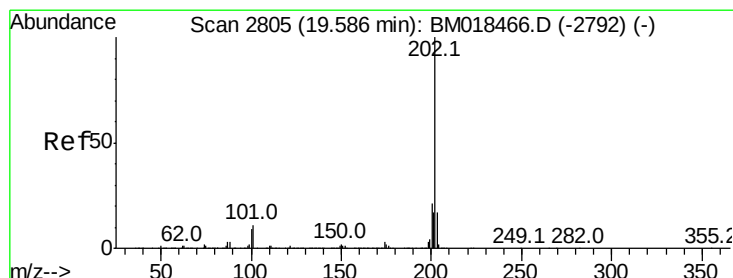
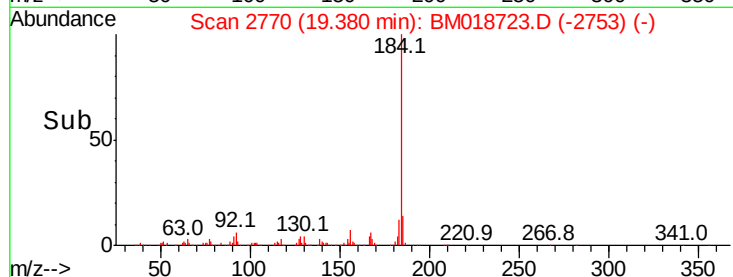
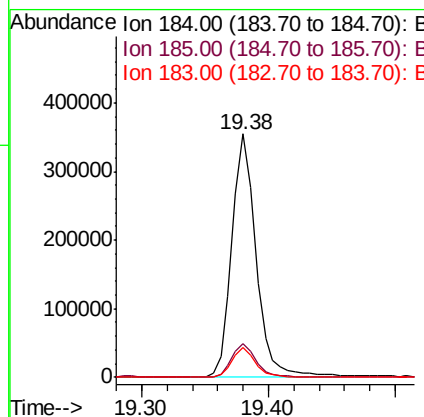
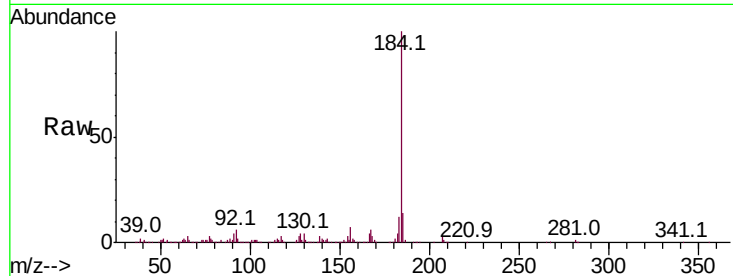
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	184	Resp:	469354
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.4	17.0
183	12.0	9.5	14.3

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#78

Pyrene

Concen: 55.920 ng

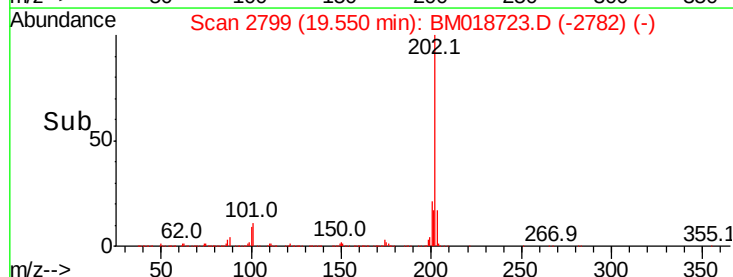
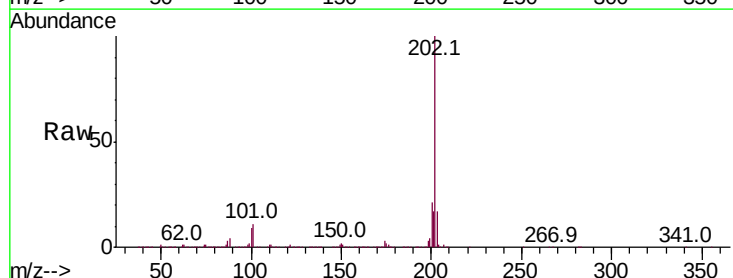
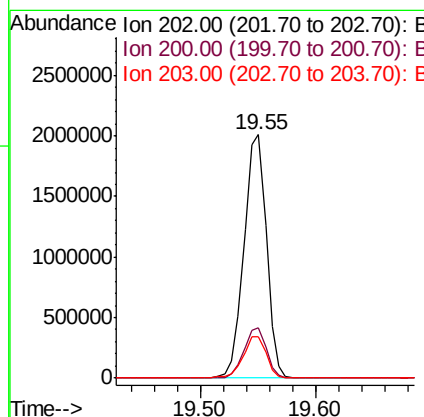
RT: 19.55 min Scan# 2799

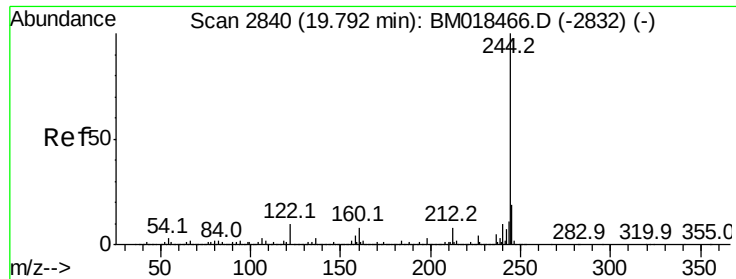
Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	202	Resp:	2712334
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	24.8
203	17.0	13.8	20.8





#79

Terphenyl-d14

Concen: 77.265 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:244 Resp: 2999236

Ion Ratio Lower Upper

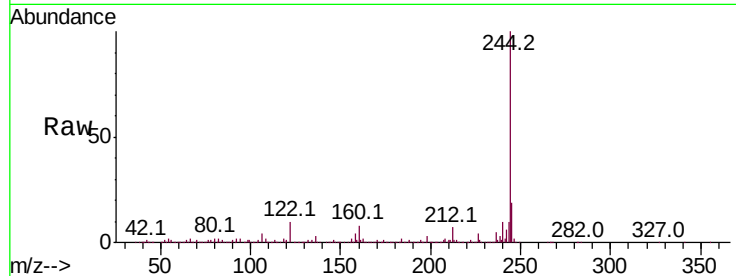
244 100

212 7.5 5.9 8.9

122 10.0 9.0 13.4

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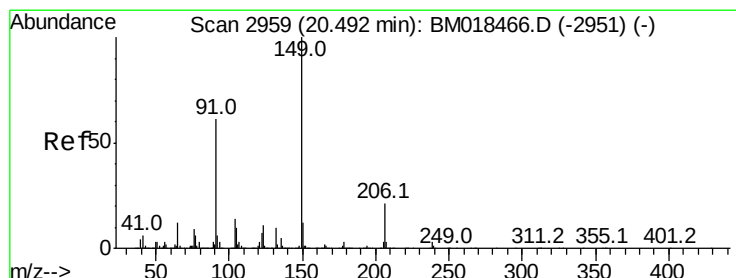
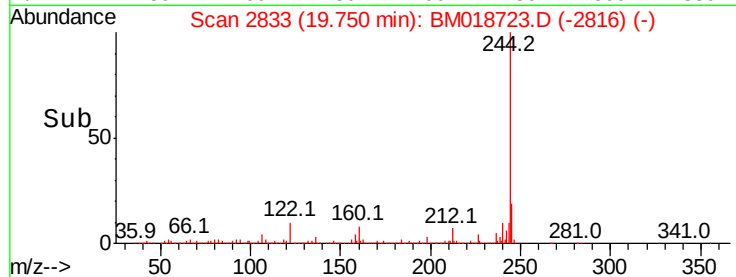
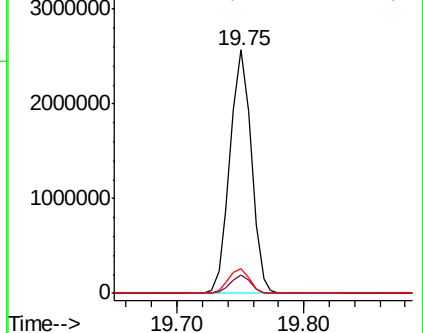
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.259 ng

RT: 20.45 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

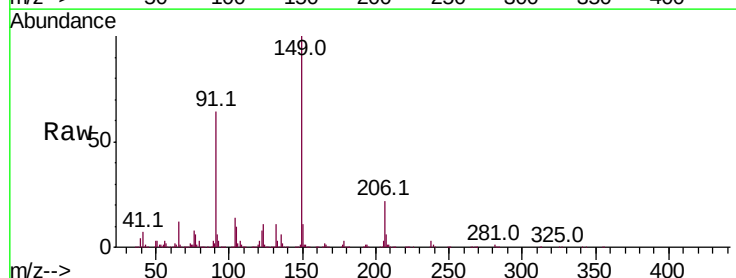
Tgt Ion:149 Resp: 1102314

Ion Ratio Lower Upper

149 100

91 64.2 53.1 79.7

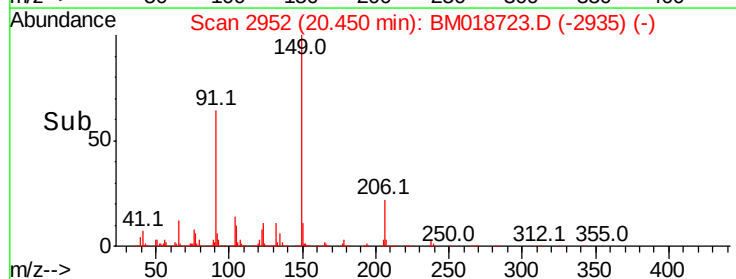
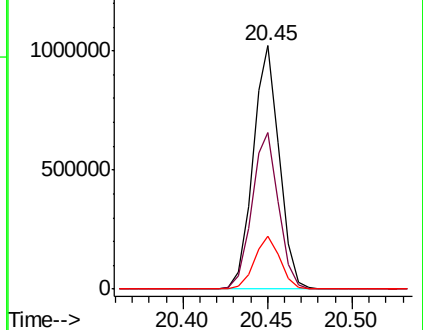
206 21.6 16.2 24.4

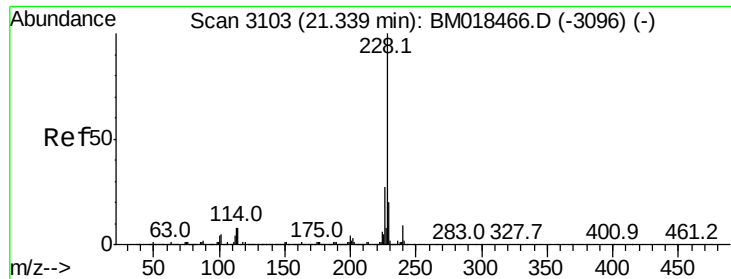


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.760 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:228 Resp: 2639802

Ion Ratio Lower Upper

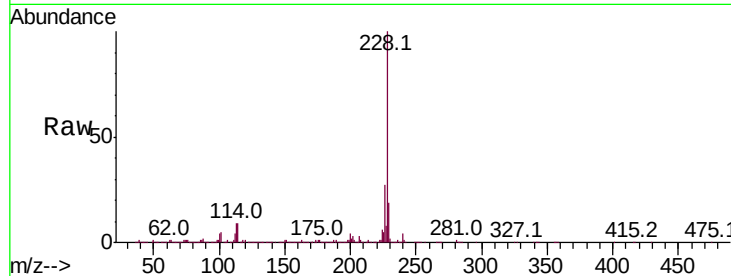
228 100

226 26.9 21.8 32.6

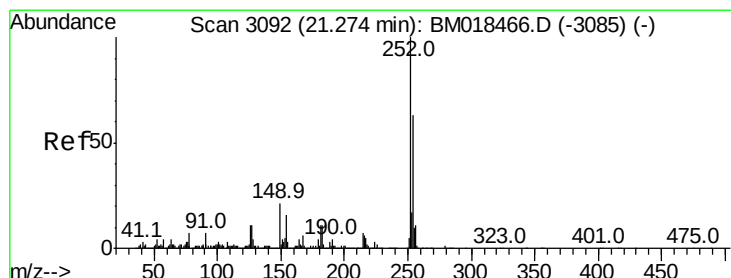
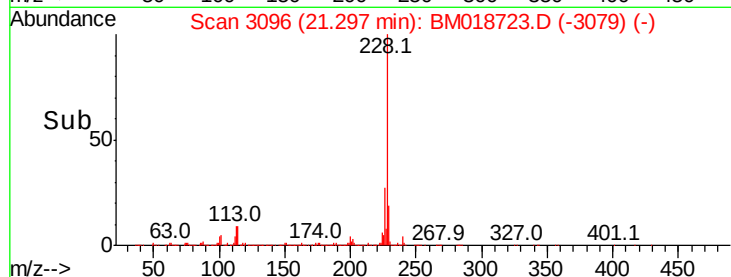
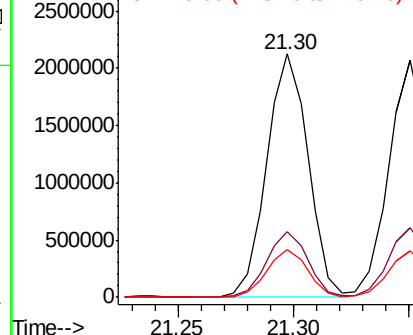
229 19.4 15.8 23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.448 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

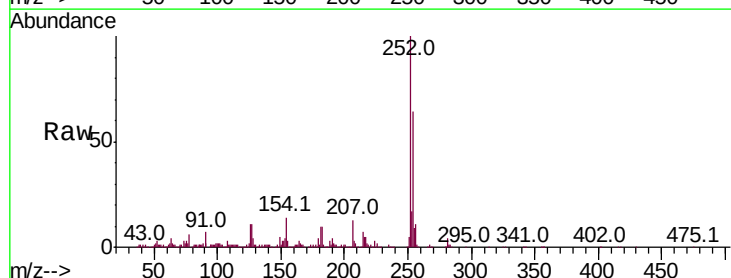
Tgt Ion:252 Resp: 646179

Ion Ratio Lower Upper

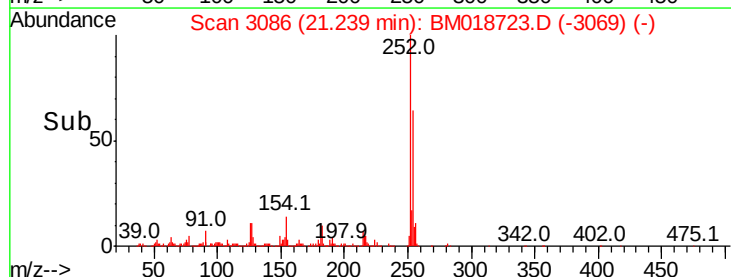
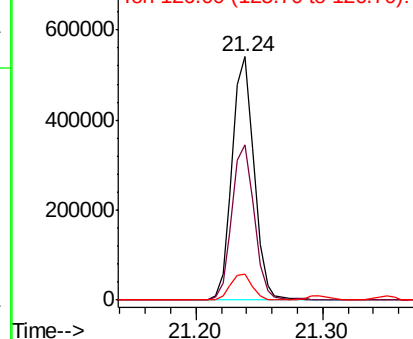
252 100

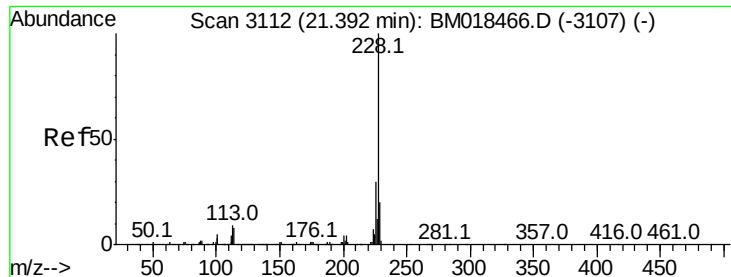
254 64.0 51.4 77.0

126 10.5 8.7 13.1



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





#83

Chrysene

Concen: 53.572 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:228 Resp: 2493812

Ion Ratio Lower Upper

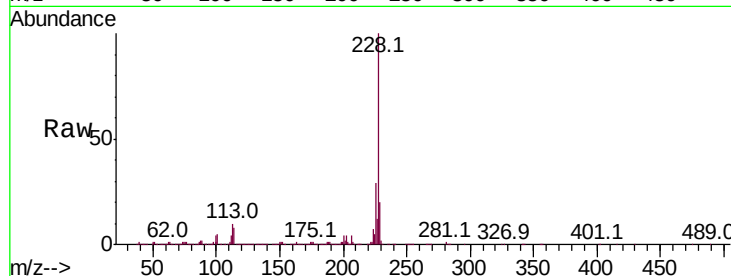
228 100

226 29.4 24.2 36.2

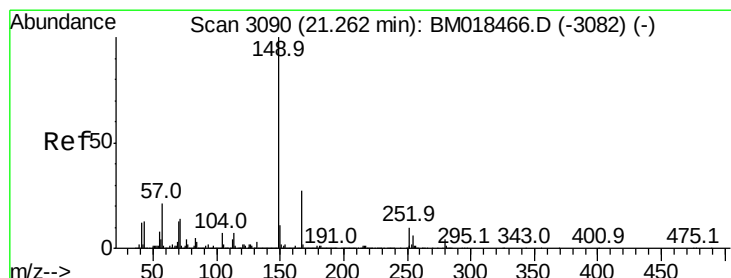
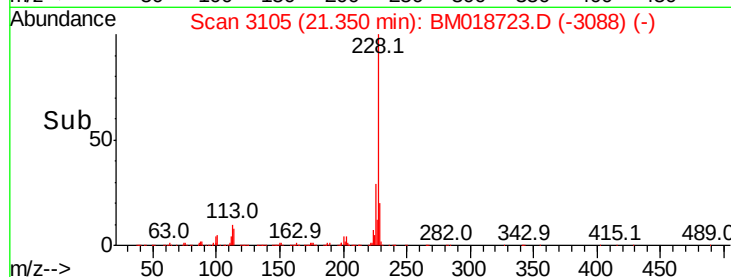
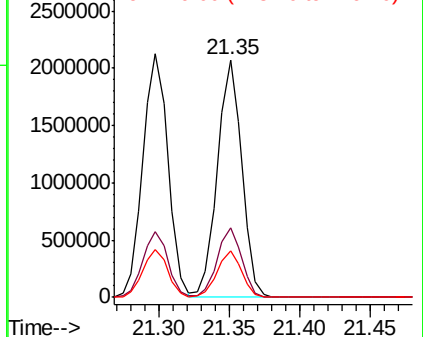
229 19.7 15.6 23.4

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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



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.667 ng

RT: 21.22 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:149 Resp: 1574047

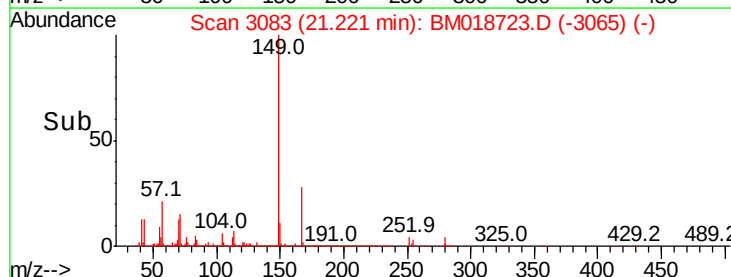
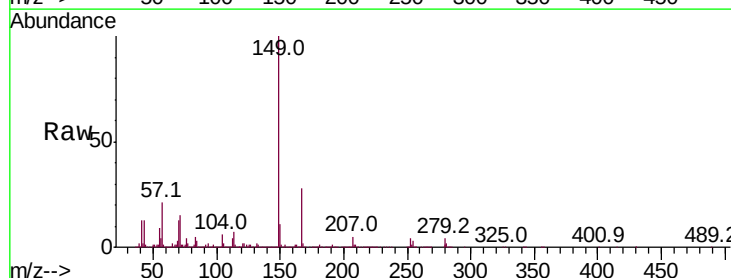
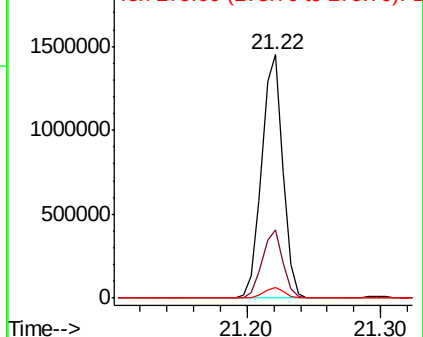
Ion Ratio Lower Upper

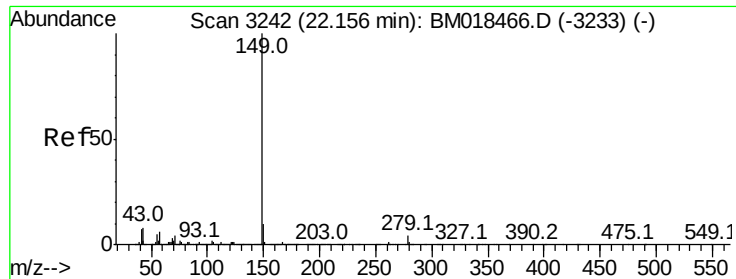
149 100

167 27.8 21.6 32.4

279 4.5 3.3 4.9

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.645 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

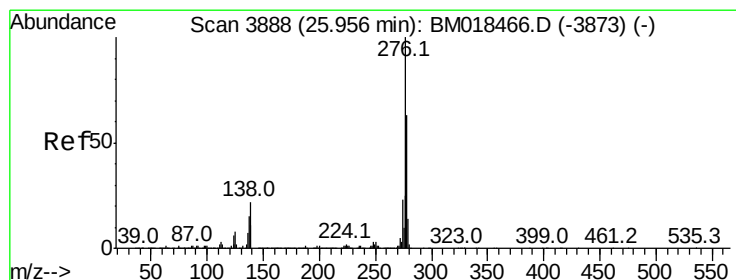
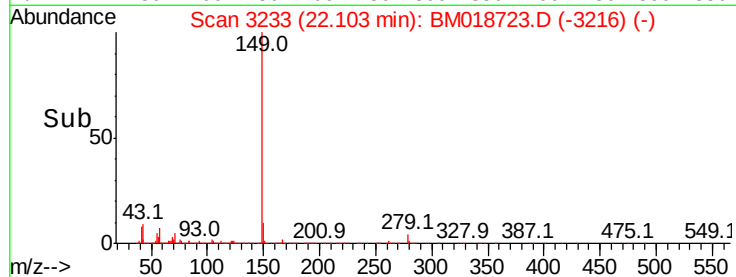
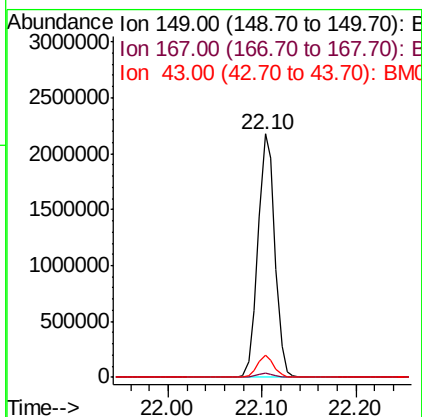
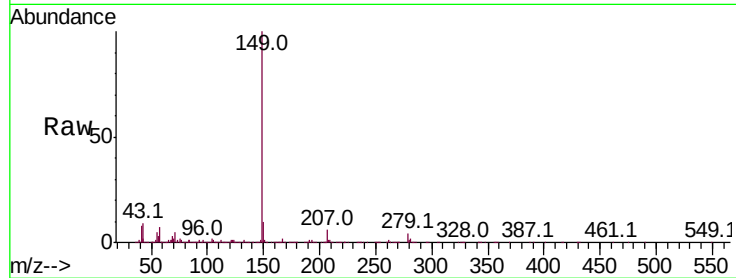
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	149	Resp:	2696585
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.7	8.6	12.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 64.978 ng

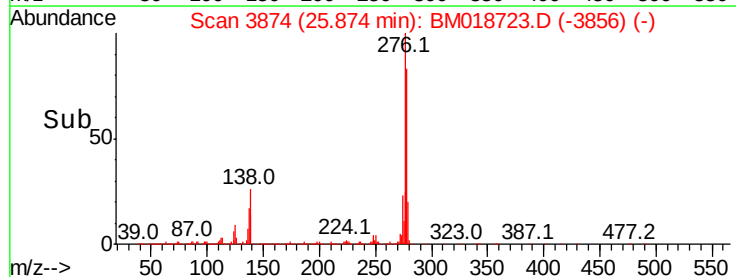
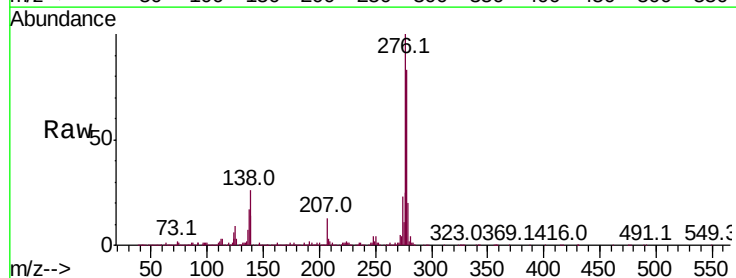
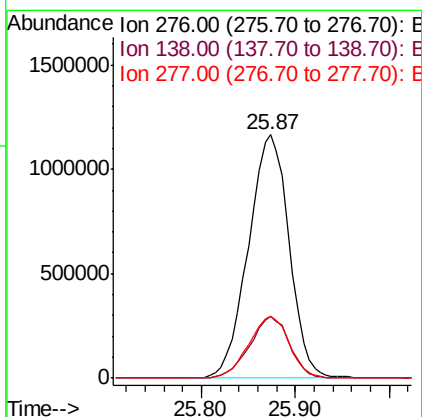
RT: 25.87 min Scan# 3874

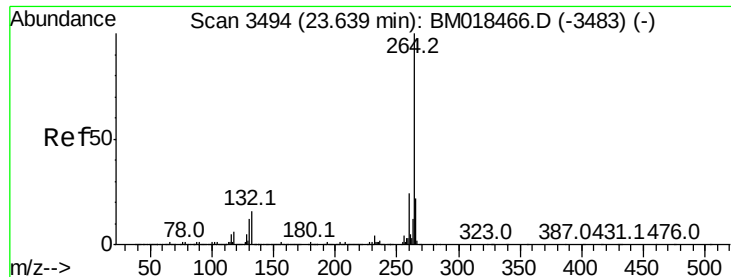
Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	276	Resp:	3487882
Ion Ratio	Lower	Upper	
276	100		
138	24.7	21.5	32.3
277	25.3	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

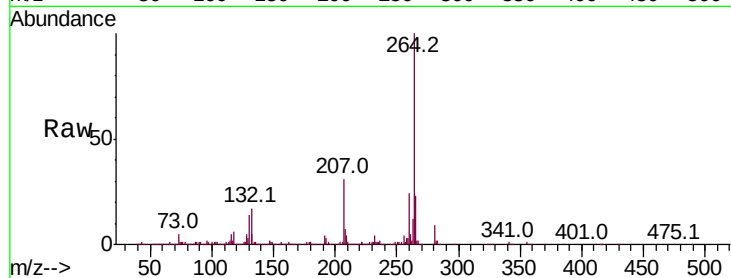
ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:	264	Resp:	889156
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	23.0	16.8	25.2

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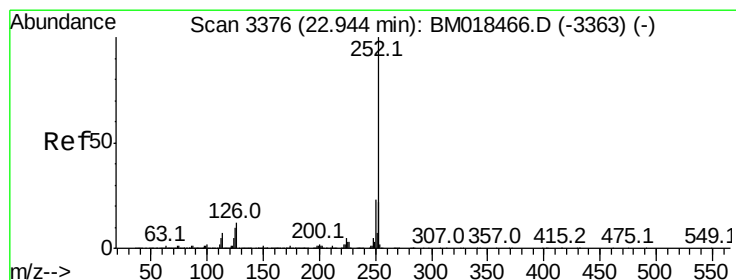
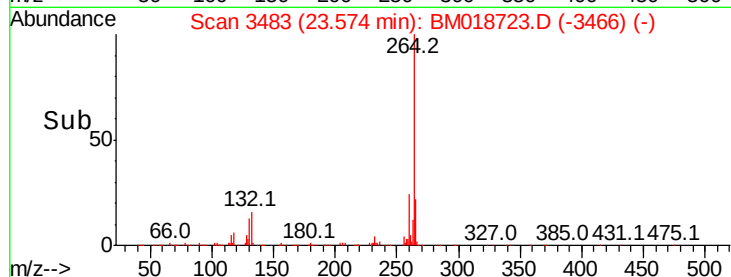
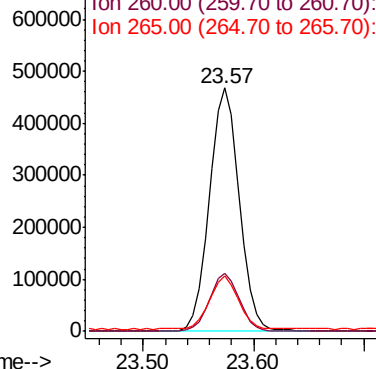


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.932 ng

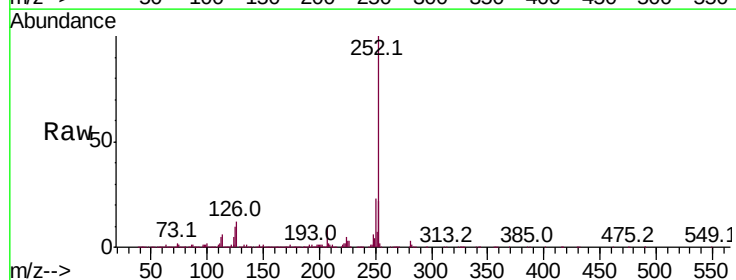
RT: 22.89 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:	252	Resp:	2671988
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	9.7	8.5	12.7

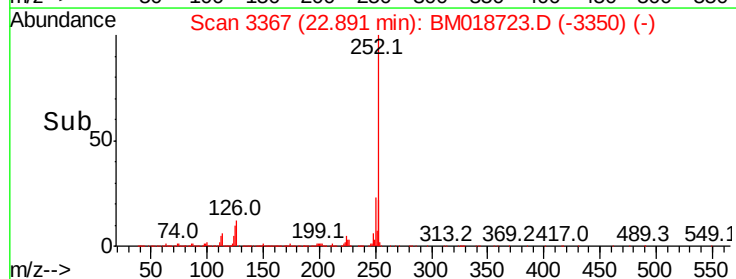
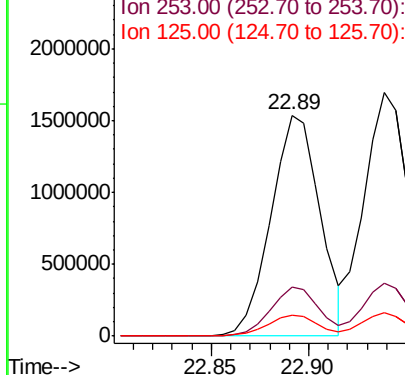


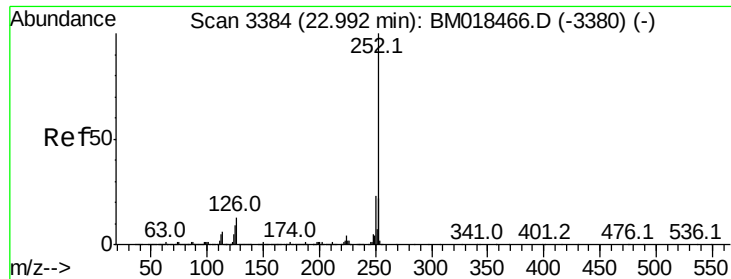
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.514 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tot Ion:252 Resp: 2671515

Ion Ratio Lower Upper

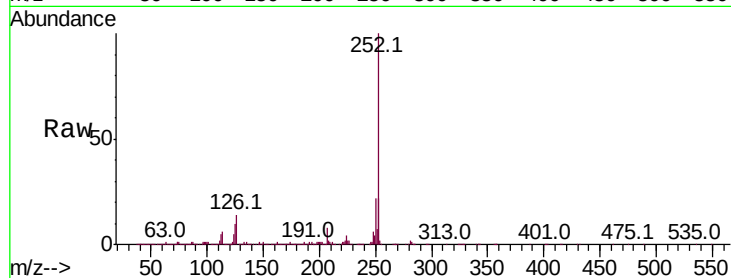
252 100

253 21.8 17.4 26.0

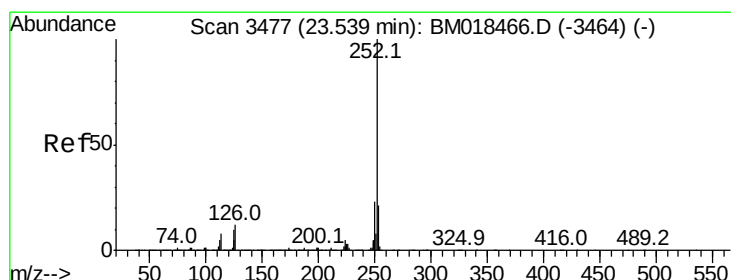
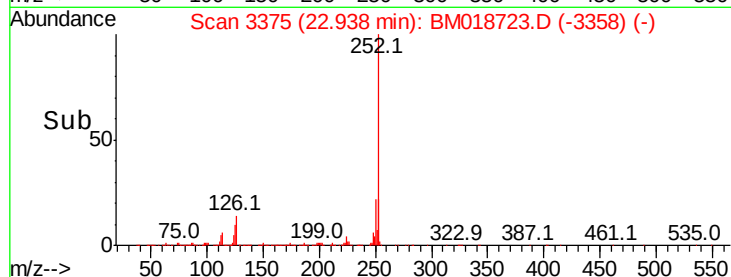
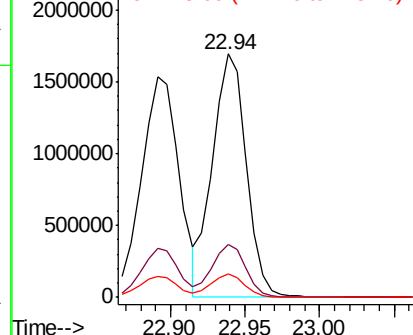
125 9.8 8.6 12.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 55.913 ng

RT: 23.48 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

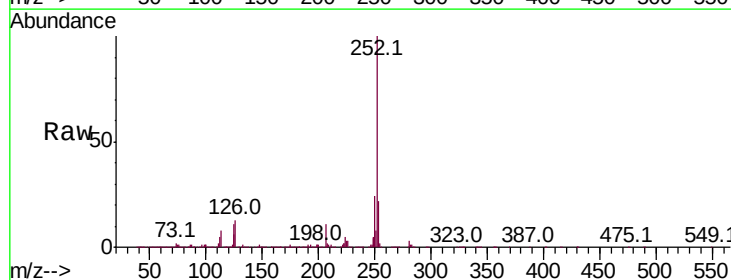
Tgt Ion:252 Resp: 2702118

Ion Ratio Lower Upper

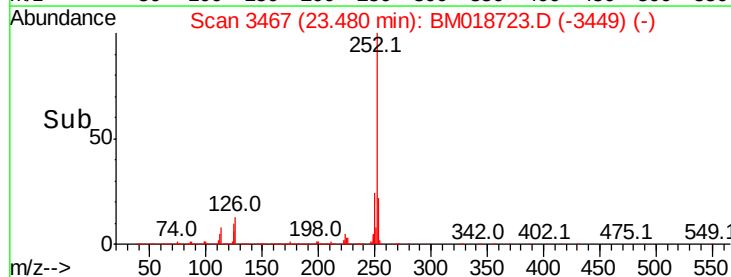
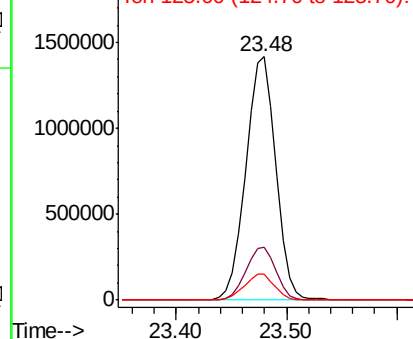
252 100

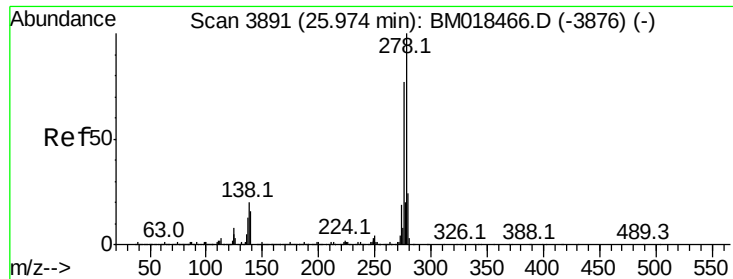
253 21.8 17.5 26.3

125 10.5 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





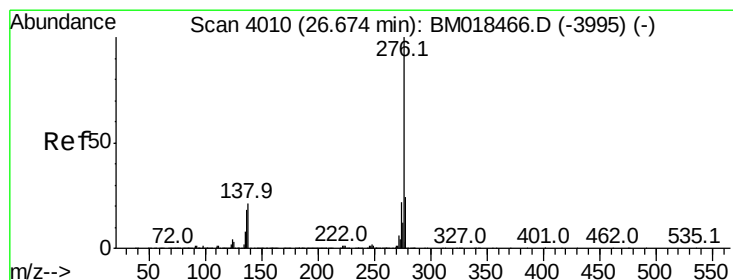
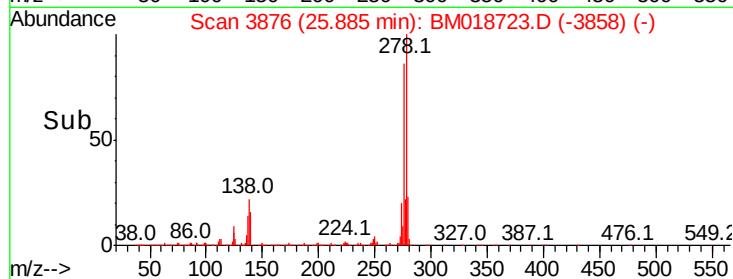
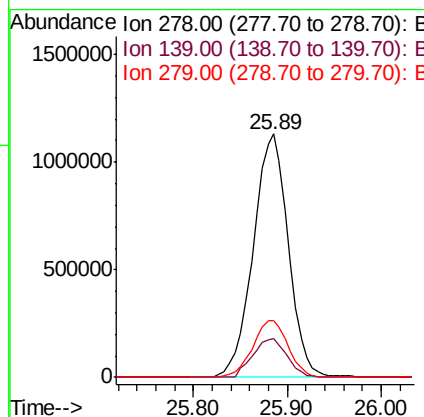
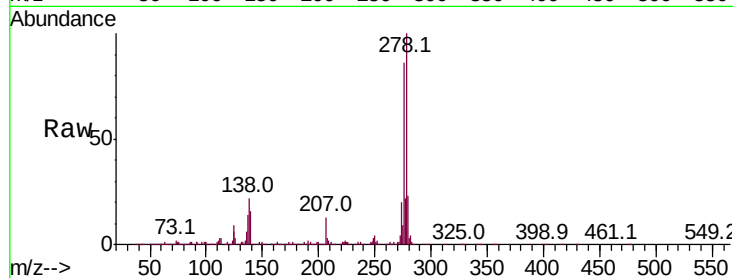
#91
Dibenzo(a,h)anthracene
Concen: 59.651 ng
RT: 25.89 min Scan# 3876
Delta R.T. 0.01 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.2	19.8
279	23.3	19.0	28.4

Manual Integrations
APPROVED

mohammad
2/5/2019 8:41:25 AM



#92
Benzo(g,h,i)perylene
Concen: 61.762 ng
RT: 26.58 min Scan# 3994
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	20.9	18.1	27.1

