

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111418\
 Data File : BM017650.D
 Acq On : 14 Nov 2018 16:49
 Operator : MJ/SJ
 Sample : J5918-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FDSB-05(25-27)MSD

Manual Integrations
 APPROVED

Sohil
 11/16/2018 10:17:10 AM

Quant Time: Nov 15 10:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	221073	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	924382	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	553243	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1252190	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1303744	20.00	ng	0.00
87) Perylene-d12	23.40	264	1114769	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2177987	166.27	ng	0.00
7) Phenol-d6	6.81	99	2979601	162.86	ng	0.00
23) Nitrobenzene-d5	8.77	82	1856714	103.69	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1297475	163.22	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4139988	97.08	ng	0.00
79) Terphenyl-d14	19.66	244	6168467	107.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	186735	34.228	ng	100
3) Pyridine	3.61	79	581375	36.329	ng	100
4) n-Nitrosodimethylamine	3.53	42	320976	45.533	ng	97
6) Aniline	6.96	93	801515	35.328	ng	99
8) 2-Chlorophenol	7.19	128	725572	46.282	ng	99
9) Benzaldehyde	6.78	77	393488	29.524	ng	96
10) Phenol	6.83	94	1050687	54.714	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	638284	42.104	ng	98
12) 1,3-Dichlorobenzene	7.50	146	705175	40.092	ng	97
13) 1,4-Dichlorobenzene	7.65	146	723129	40.110	ng	99
14) 1,2-Dichlorobenzene	7.96	146	709157	40.567	ng	100
15) Benzyl Alcohol	7.86	79	653954	44.884	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	937896	40.635	ng	99
17) 2-Methylphenol	8.06	107	606761	46.903	ng	99
18) Hexachloroethane	8.67	117	258015	40.606	ng	97
19) n-Nitroso-di-n-propylamine	8.42	70	545071	41.493	ng	99
20) 3+4-Methylphenols	8.39	107	837267	46.582	ng	99
22) Acetophenone	8.44	105	1049553	45.492	ng	# 98
24) Nitrobenzene	8.81	77	810377	44.607	ng	99
25) Isophorone	9.33	82	1442719	52.167	ng	99
26) 2-Nitrophenol	9.51	139	393162	46.984	ng	99
27) 2,4-Dimethylphenol	9.58	122	650416	53.932	ng	98
28) bis(2-Chloroethoxy)methane	9.82	93	895772	47.824	ng	97
29) 2,4-Dichlorophenol	10.04	162	696386	49.744	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	706982	43.420	ng	97
31) Naphthalene	10.43	128	2148015	47.262	ng	100
32) Benzoic acid	9.67	122	31248m	2.860	ng	
33) 4-Chloroaniline	10.56	127	444663	22.340	ng	98
34) Hexachlorobutadiene	10.71	225	412937	40.852	ng	99
35) Caprolactam	11.36	113	222899m	43.235	ng	
36) 4-Chloro-3-methylphenol	11.69	107	778677	48.176	ng	98
37) 2-Methylnaphthalene	12.06	142	1589694	49.489	ng	100
38) 1-Methylnaphthalene	12.27	142	1510298	47.952	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	819091	41.985	ng	98

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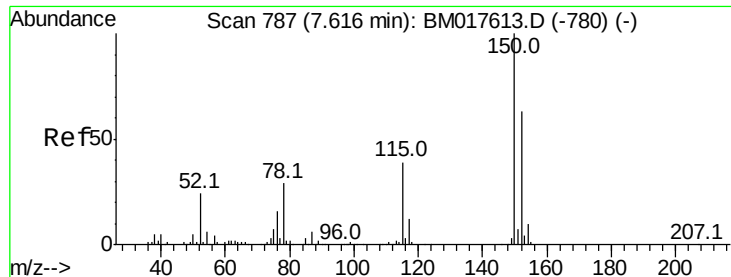
Manual Integrations
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 11/16/2018 10:17:10 AM

Quant Time: Nov 15 10:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1009500	100.140	nq	99
43) 2,4,6-Trichlorophenol	12.68	196	583017	47.711	nq	96
44) 2,4,5-Trichlorophenol	12.75	196	624073	48.369	nq	98
46) 1,1'-Biphenyl	13.09	154	2033767	40.954	nq	99
47) 2-Chloronaphthalene	13.12	162	1594213	43.251	nq	98
48) 2-Nitroaniline	13.35	65	537335	47.138	nq	98
49) Acenaphthylene	13.98	152	2624339	47.388	nq	100
50) Dimethylphthalate	13.73	163	2427058	53.958	nq	100
51) 2,6-Dinitrotoluene	13.85	165	461566	46.082	nq	99
52) Acenaphthene	14.32	154	1514054	44.548	nq	100
53) 3-Nitroaniline	14.19	138	362304	33.224	nq	97
54) 2,4-Dinitrophenol	14.39	184	181171	34.113	nq	99
55) Dibenzofuran	14.66	168	2461247	44.314	nq	99
56) 4-Nitrophenol	14.50	139	761341	82.870	nq	99
57) 2,4-Dinitrotoluene	14.65	165	653844	48.427	nq	98
58) Fluorene	15.32	166	2016590	47.427	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	583224	49.145	nq	99
60) Diethylphthalate	15.10	149	2072266	42.638	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	1013932	41.971	nq	99
62) 4-Nitroaniline	15.36	138	476946	46.407	nq	98
63) Azobenzene	15.61	77	1982892	44.135	nq	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	300325	34.621	nq	97
66) n-Nitrosodiphenylamine	15.53	169	1785213	44.343	nq	99
67) 4-Bromophenyl-phenylether	16.21	248	628925	42.468	nq	97
68) Hexachlorobenzene	16.32	284	705940	42.284	nq	96
69) Atrazine	16.50	200	649537	43.866	nq	96
70) Pentachlorophenol	16.67	266	888957	75.993	nq	99
71) Phenanthrene	17.06	178	3180981	46.816	nq	100
72) Anthracene	17.15	178	3240332	49.008	nq	100
73) Carbazole	17.43	167	2948957	44.138	nq	99
74) Di-n-butylphthalate	17.99	149	3496530	47.013	nq	99
75) Fluoranthene	19.08	202	3689629	47.993	nq	99
77) Benzidine	19.28	184	2069951	48.756	nq	100
78) Pyrene	19.44	202	3796249	47.192	nq	100
80) Butylbenzylphthalate	20.36	149	1578216	48.304	nq	99
81) Benzo(a)anthracene	21.20	228	3585383	47.734	nq	99
82) 3,3'-Dichlorobenzidine	21.14	252	1044266	36.023	nq	99
83) Chrysene	21.25	228	3399507	46.599	nq	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2220608	45.975	nq	99
85) Di-n-octyl phthalate	22.00	149	3708287	47.947	nq	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	2952230	50.641	nq	99
88) Benzo(b)fluoranthene	22.75	252	3296944	50.501	nq	99
89) Benzo(k)fluoranthene	22.80	252	3036852	46.023	nq	99
90) Benzo(a)pyrene	23.31	252	2950162	49.561	nq	99
91) Dibenzo(a,h)anthracene	25.60	278	2502722	50.011	nq	100
92) Benzo(g,h,i)perylene	26.26	276	2384925	50.679	nq	98

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



#1

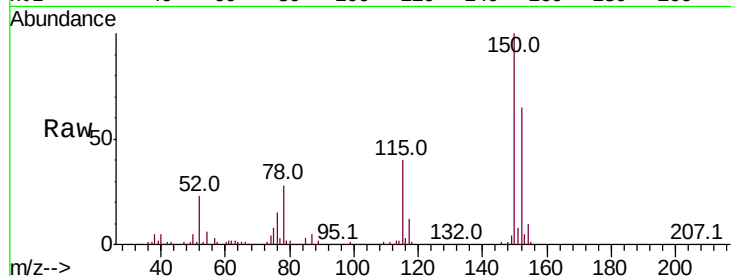
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.4	189.6
115	61.0	49.4	74.0

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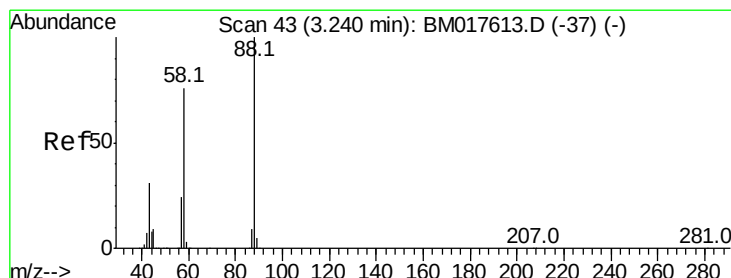
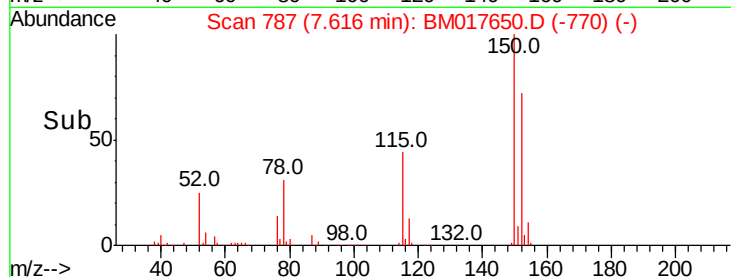
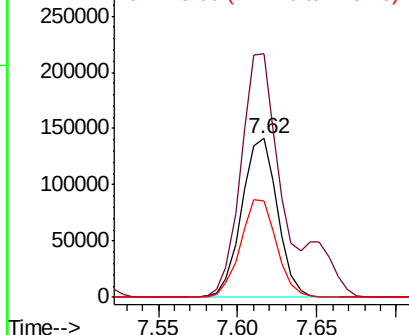


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

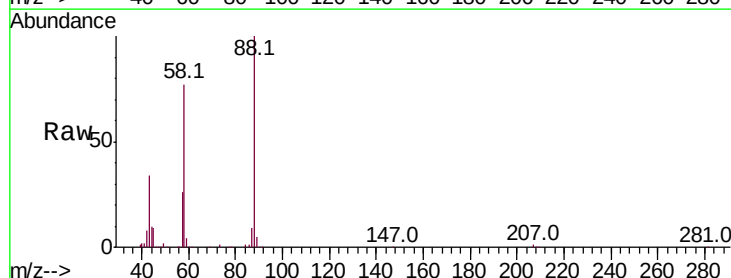
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.228 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	62.0	93.0
43	34.1	26.8	40.2

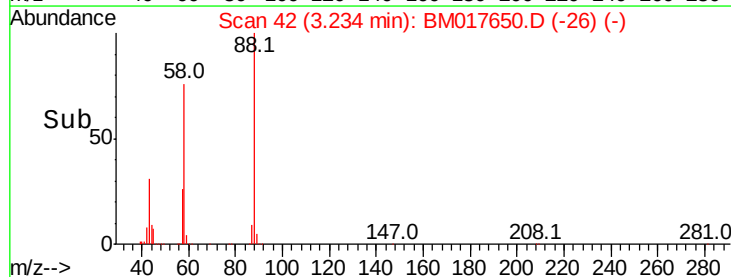
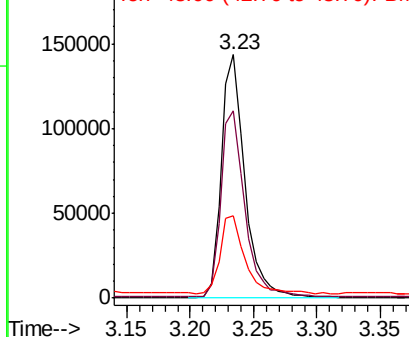


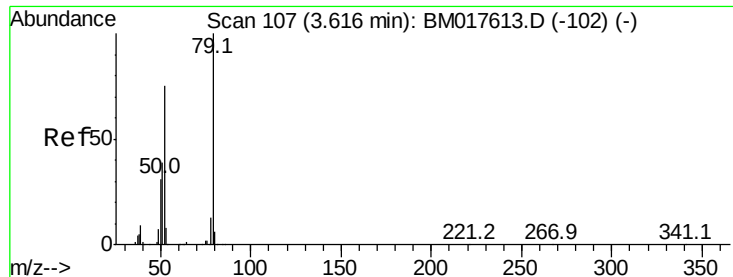
Abundance

Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

Pvridine

Concen: 36.329 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

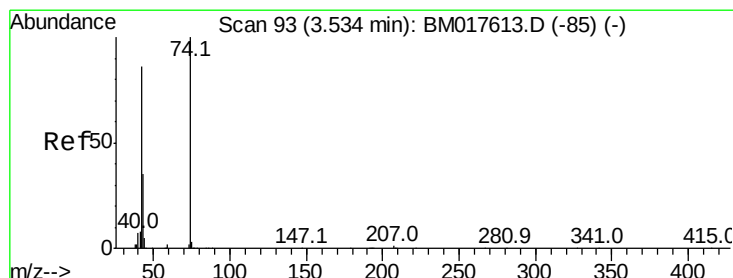
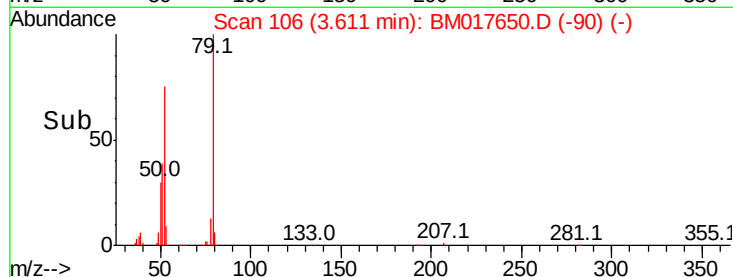
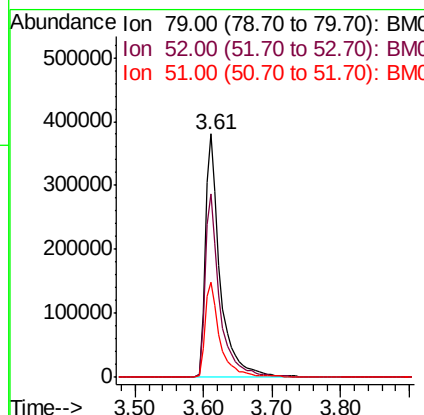
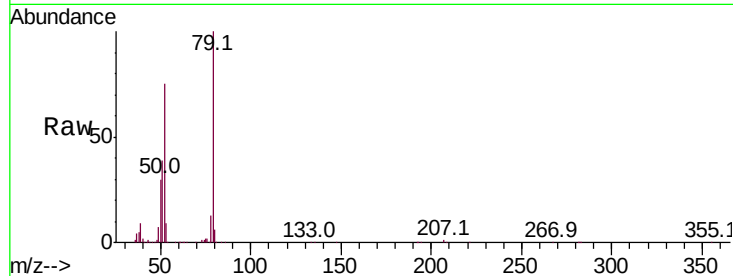
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:	79	Resp:	581375
Ion Ratio	Lower	Upper	
79	100		
52	75.4	60.1	90.1
51	39.3	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 45.533 ng

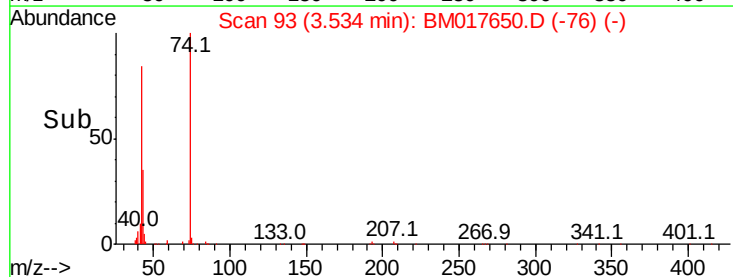
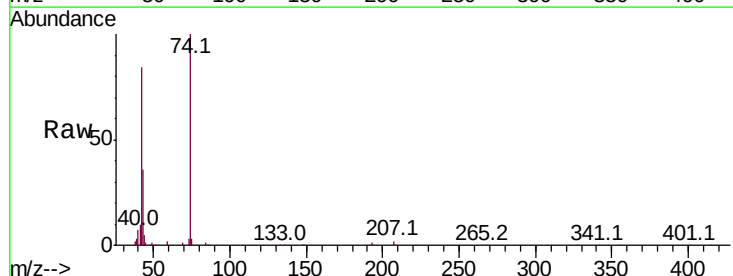
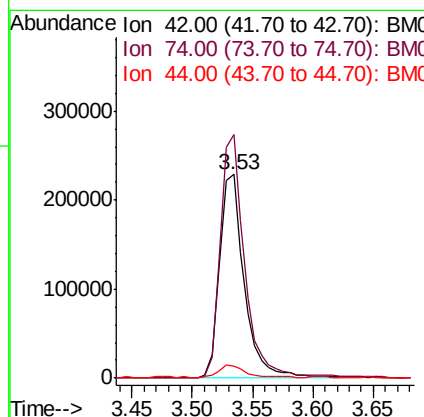
RT: 3.53 min Scan# 93

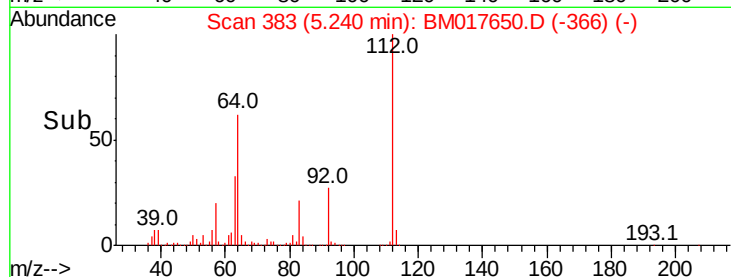
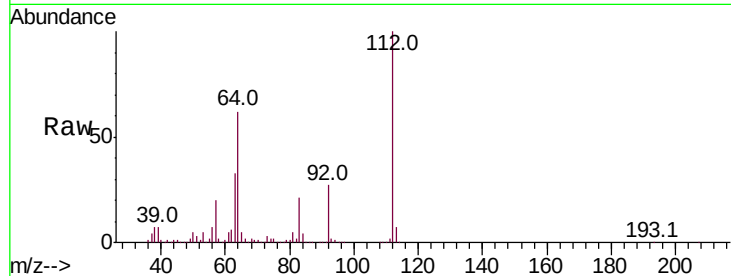
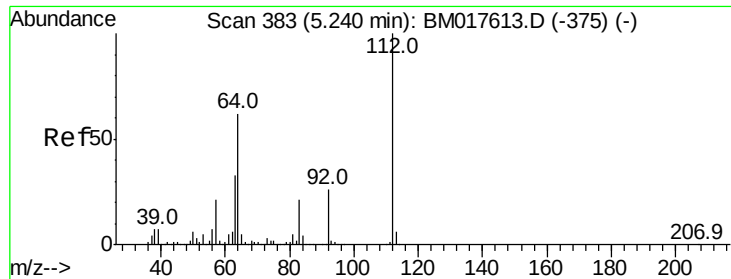
Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion:	42	Resp:	320976
Ion Ratio	Lower	Upper	
42	100		
74	119.7	93.1	139.7
44	6.0	5.0	7.6





#5

2-Fluorophenol

Concen: 166.265 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tot Ion:	112	Resp:	2177987
Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.3	73.9
63	32.9	26.2	39.4

Instrument :

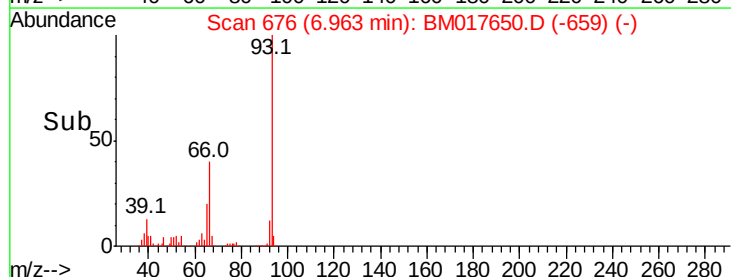
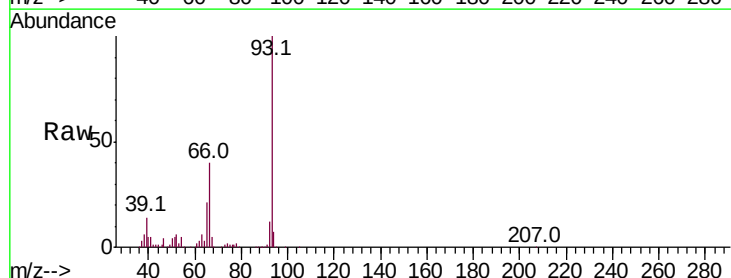
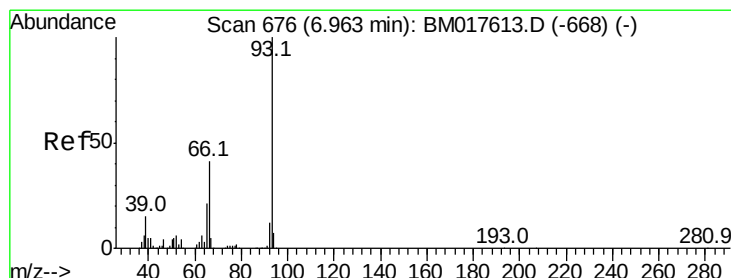
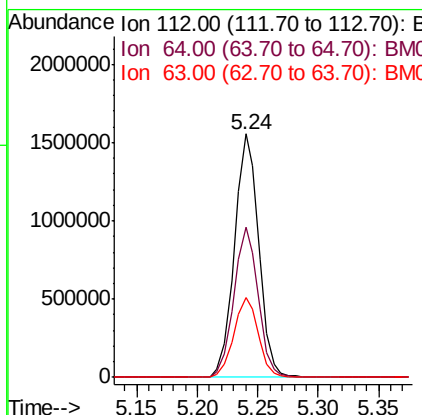
BNA_M

ClientSampleId :

FDSB-05(25-27)MSD

Manual Integrations
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#6

Aniline

Concen: 35.328 ng

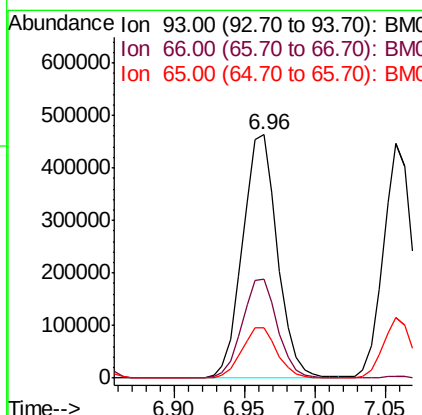
RT: 6.96 min Scan# 676

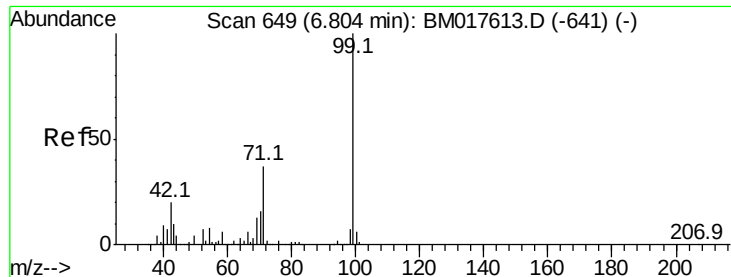
Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion:	93	Resp:	801515
Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.8	49.2
65	20.5	16.6	25.0





#7

Phenol-d6

Concen: 162.861 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion: 99 Resp: 2979601

Ion Ratio Lower Upper

99 100

42 20.3 16.3 24.5

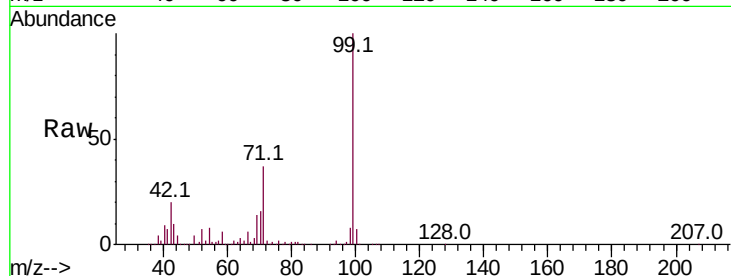
71 37.3 29.8 44.8

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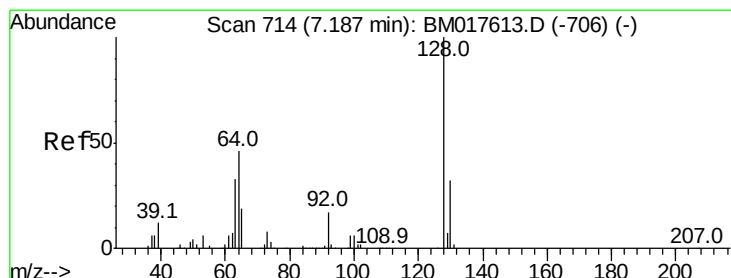
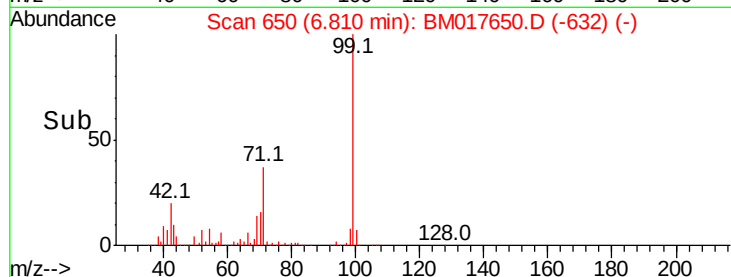
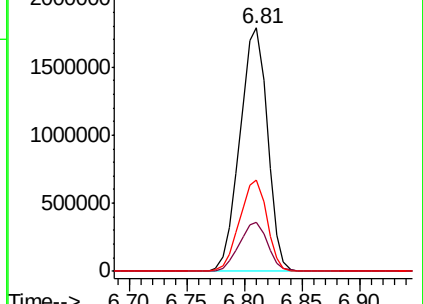
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Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#8

2-Chlorophenol

Concen: 46.282 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

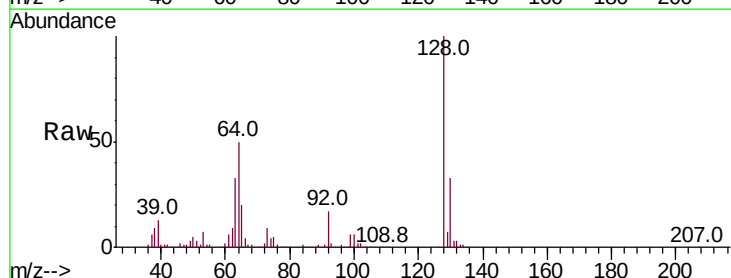
Tgt Ion: 128 Resp: 725572

Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

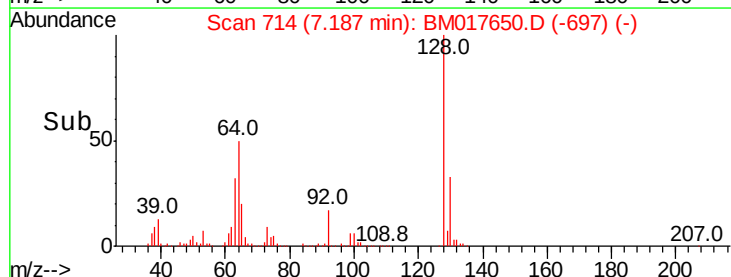
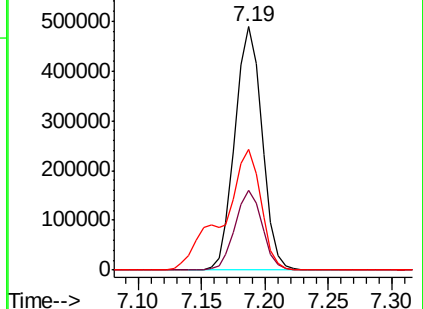
64 49.6 30.0 70.0

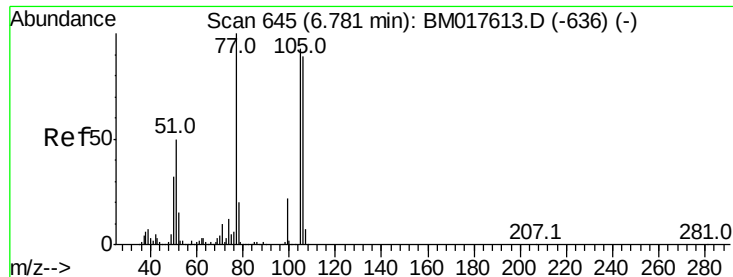


Abundance Ion 128.00 (127.70 to 128.70): BM017613.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM017613.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM017613.D (-706) (-)





#9

Benzaldehyde

Concen: 29.524 ng

RT: 6.78 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

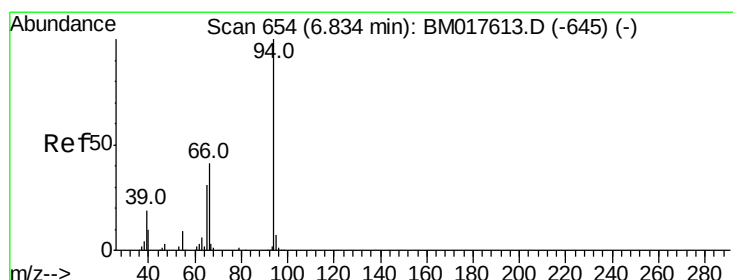
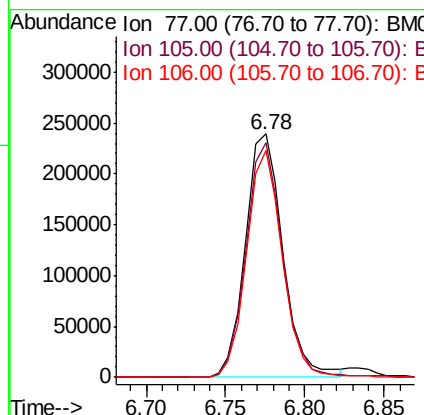
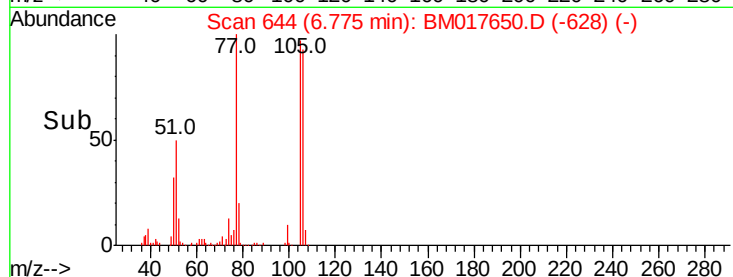
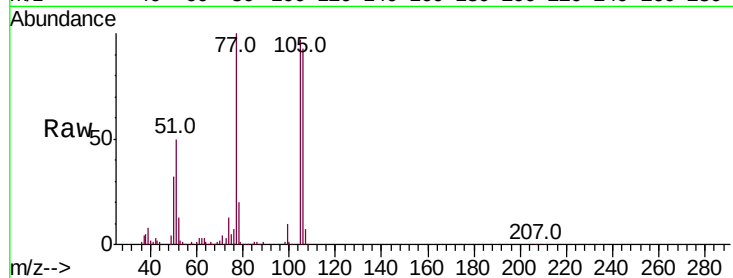
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:	77	Resp:	393488
Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.7	112.7
106	93.3	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 54.714 ng

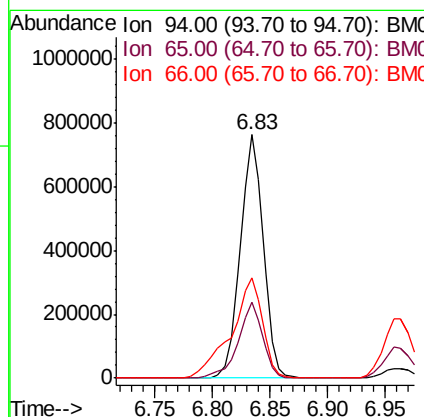
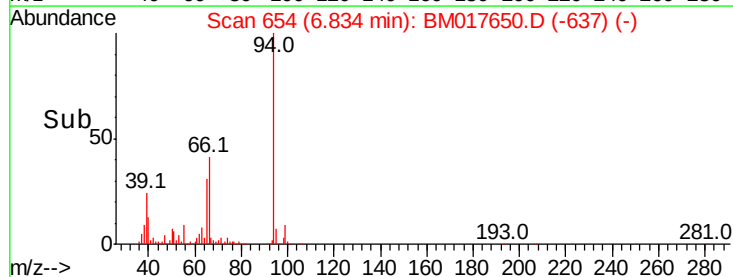
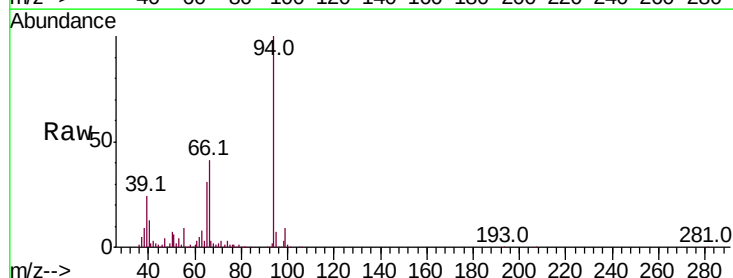
RT: 6.83 min Scan# 654

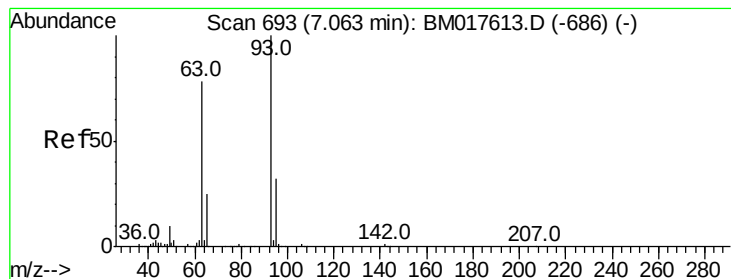
Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion:	94	Resp:	1050687
Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.4	51.4
66	41.0	21.4	61.4





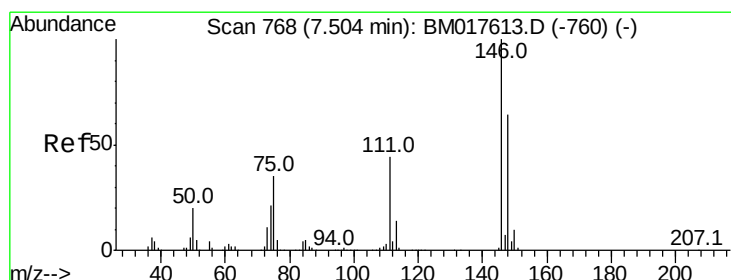
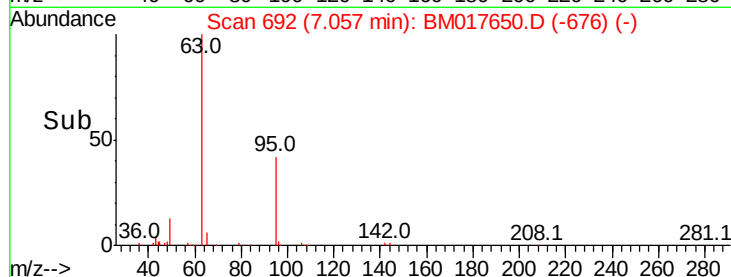
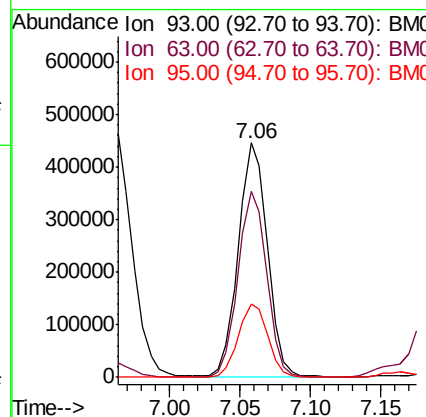
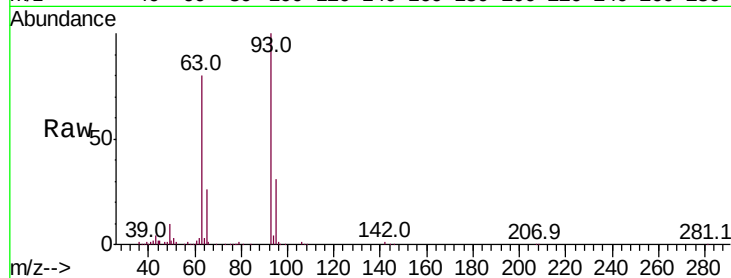
#11
bis(2-Chloroethyl)ether
Concen: 42.104 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	57.9	97.9
95	31.4	12.3	52.3

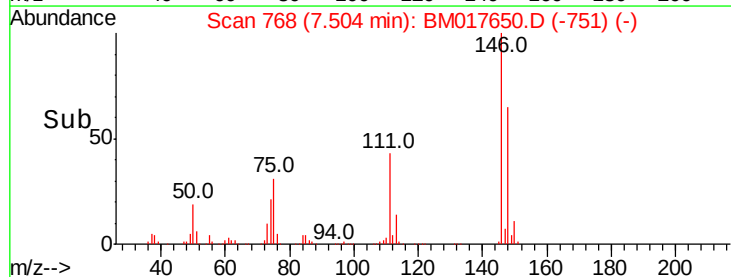
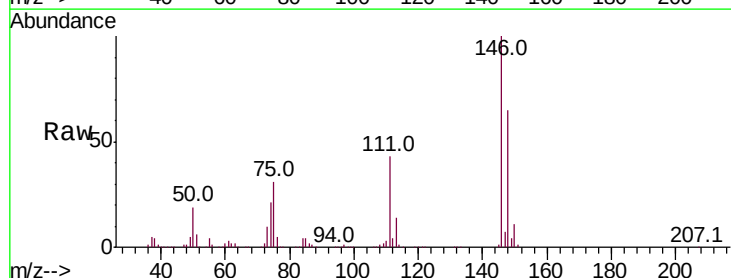
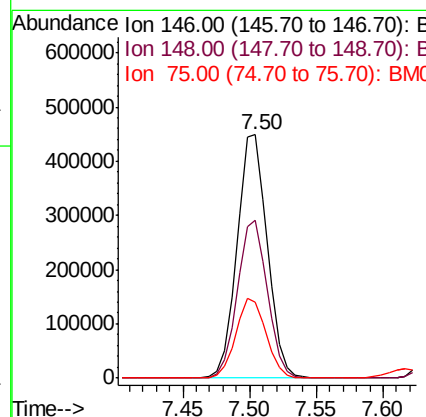
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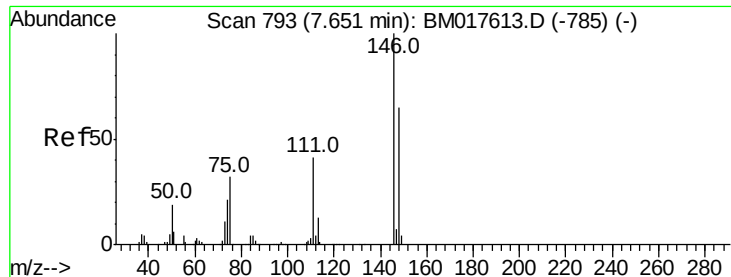
Sohil
11/16/2018 10:17:10 AM



#12
1,3-Dichlorobenzene
Concen: 40.092 ng
RT: 7.50 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
75	31.3	28.2	42.2





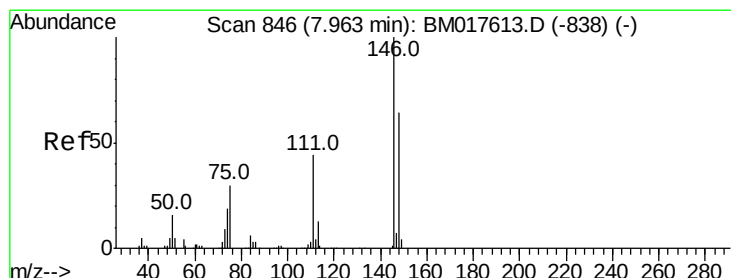
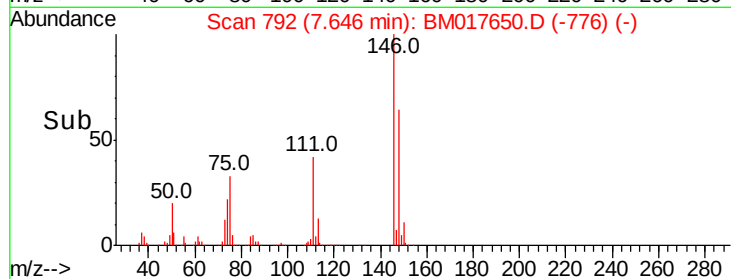
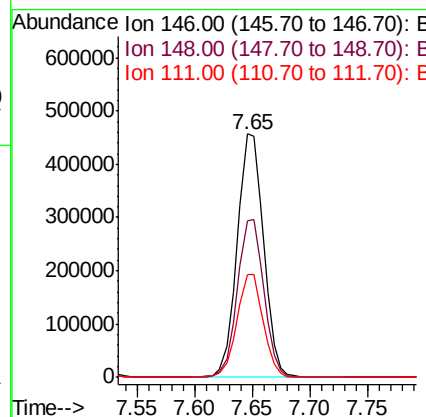
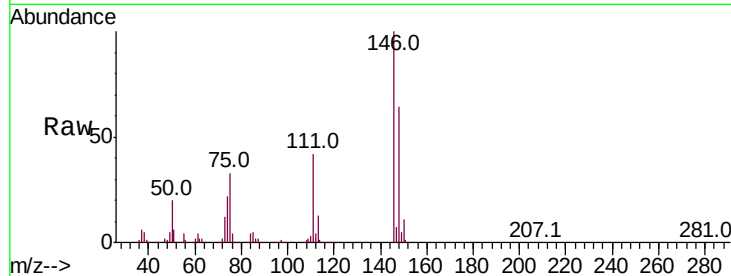
#13
1,4-Dichlorobenzene
Concen: 40.110 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	42.2	33.2	49.8

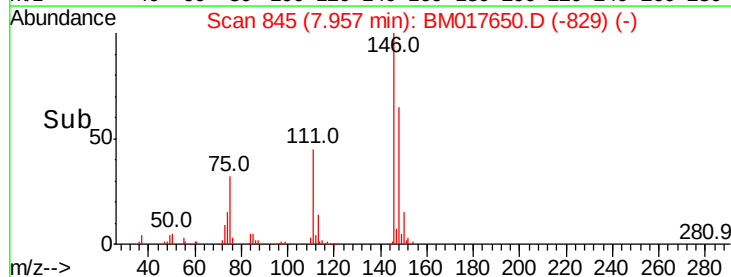
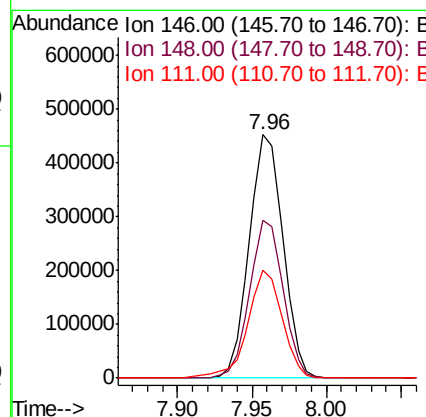
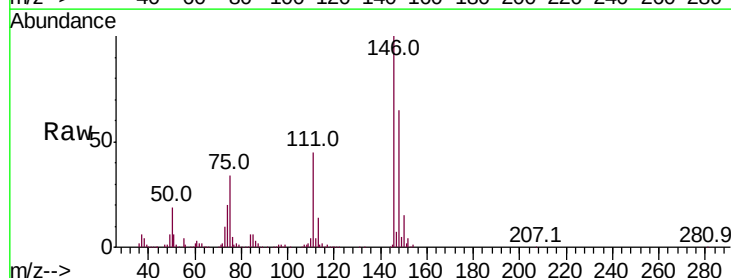
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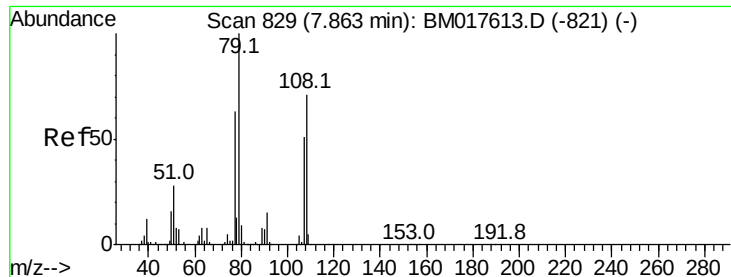
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.567 ng
RT: 7.96 min Scan# 845
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	44.6	35.8	53.8





#15

Benzyl Alcohol

Concen: 44.884 ng

RT: 7.86 min Scan# 829

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

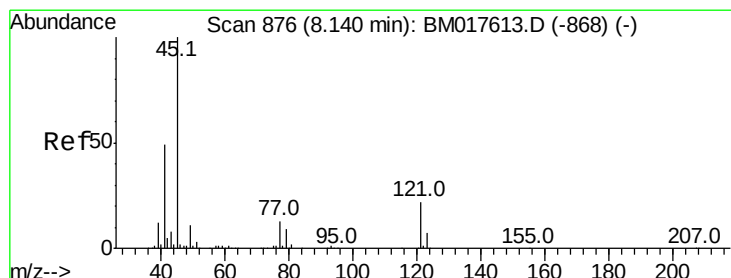
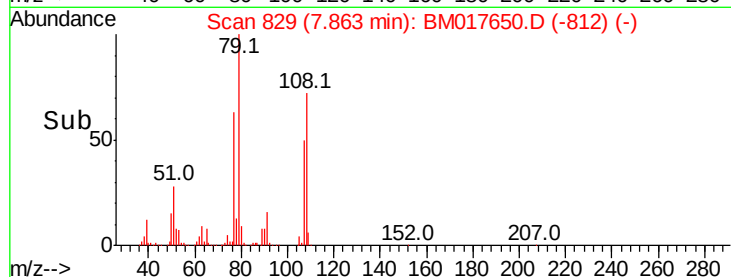
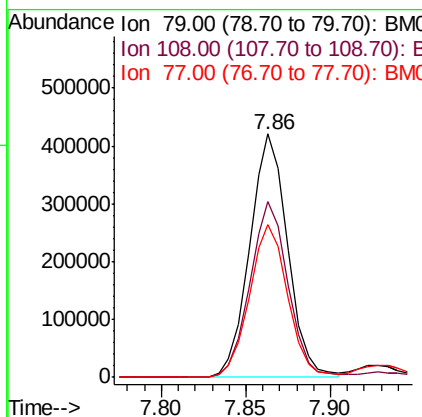
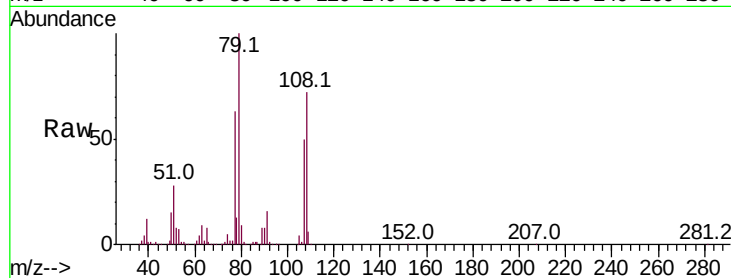
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:	79	Resp:	653954
Ion Ratio	Lower	Upper	
79	100		
108	72.4	57.1	85.7
77	63.0	50.4	75.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.635 ng

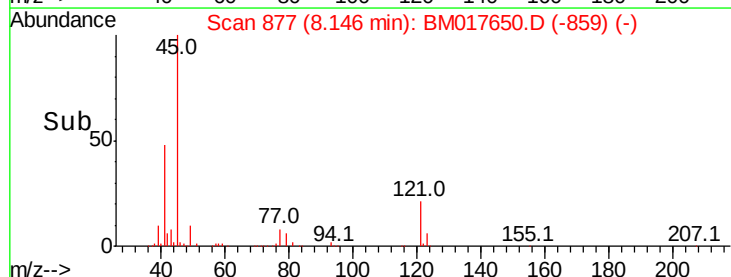
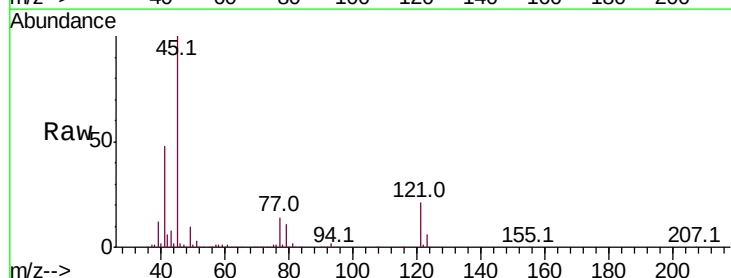
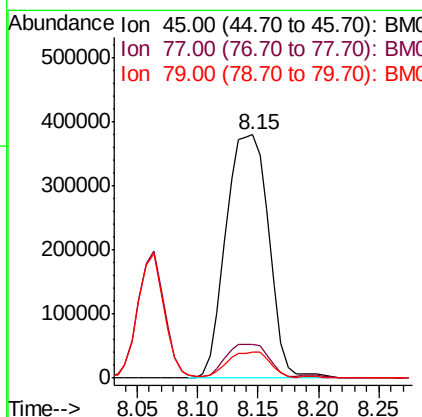
RT: 8.15 min Scan# 877

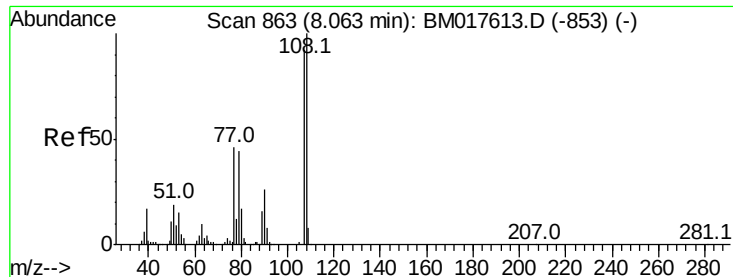
Delta R.T. 0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion:	45	Resp:	937896
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	34.2
79	10.9	0.0	30.5





#17

2-Methylphenol

Concen: 46.903 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

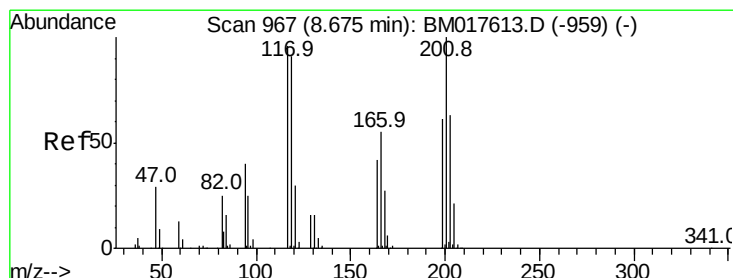
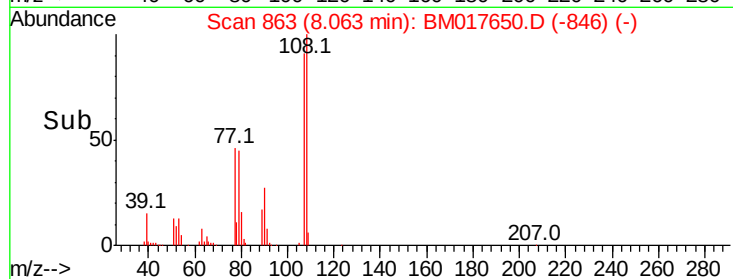
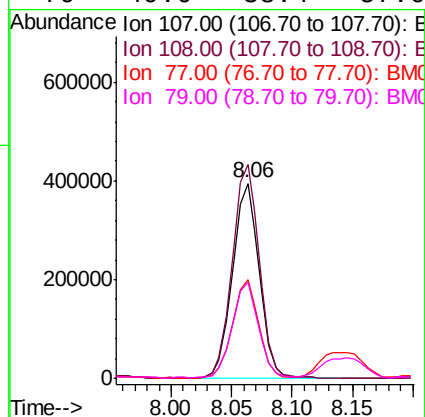
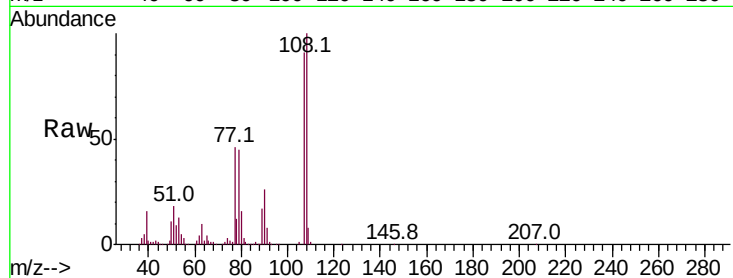
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	86.7	130.1	
77	50.3	39.8	59.6	
79	49.0	38.4	57.6	

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#18

Hexachloroethane

Concen: 40.606 ng

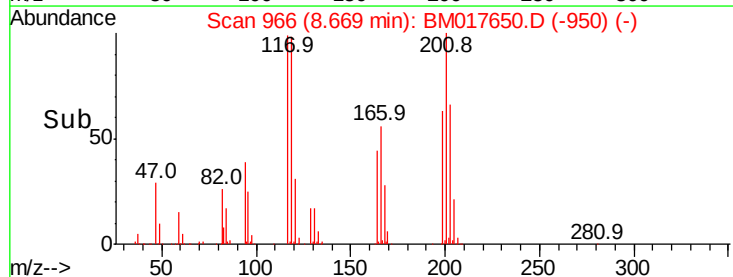
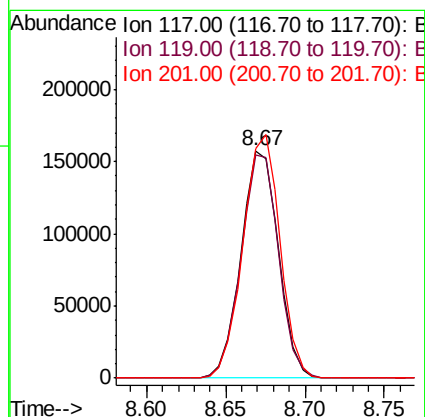
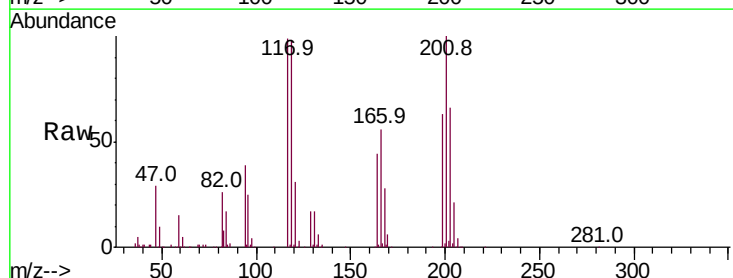
RT: 8.67 min Scan# 966

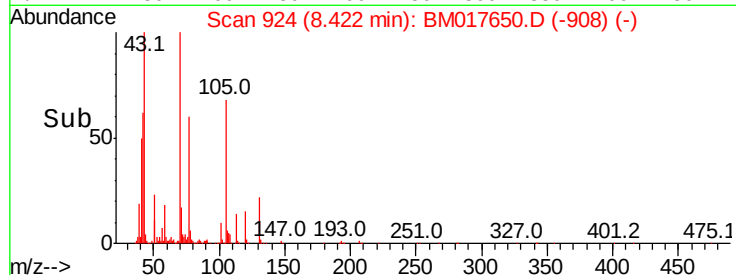
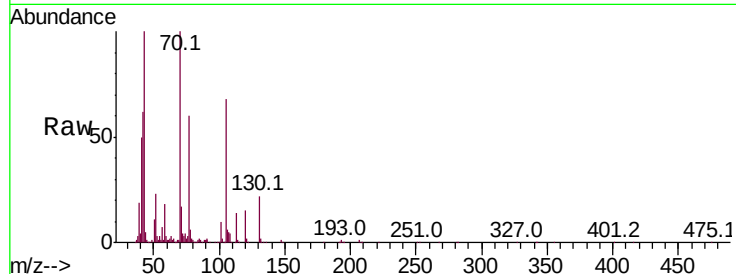
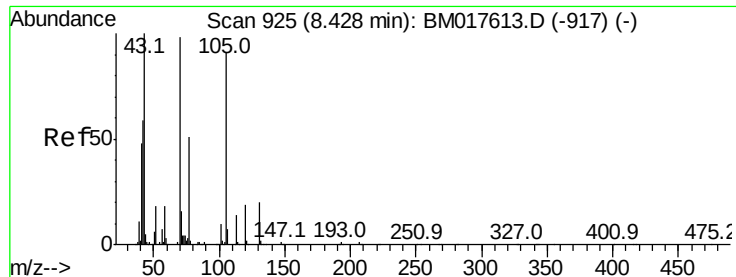
Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	75.8	113.8	
201	100.8	83.0	124.4	





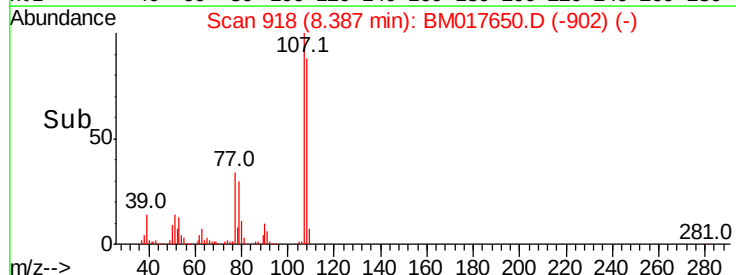
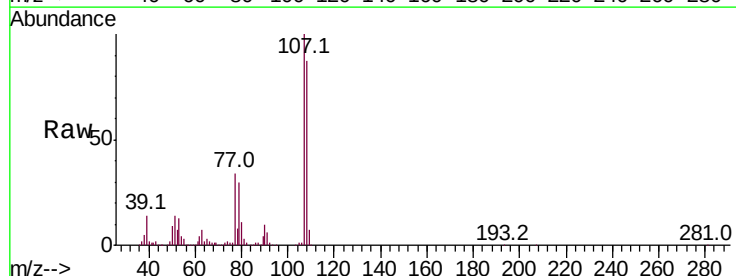
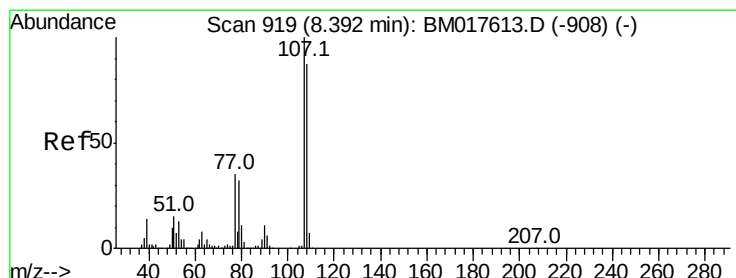
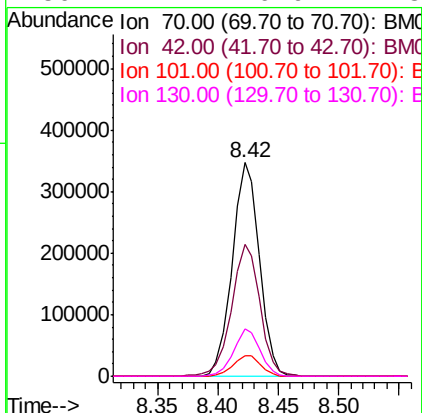
#19
n-Nitroso-di-n-propylamine
Concen: 41.493 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	48.6	73.0
101	9.8	7.9	11.9
130	22.1	16.6	24.8

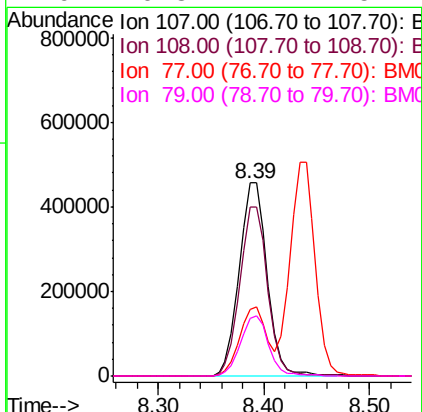
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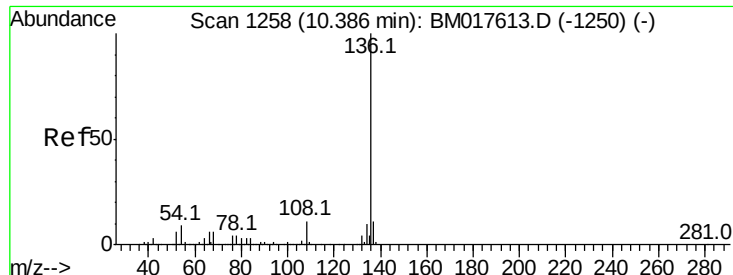
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#20
3+4-Methylphenols
Concen: 46.582 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.0	107.0
77	34.4	15.6	55.6
79	29.8	11.7	51.7





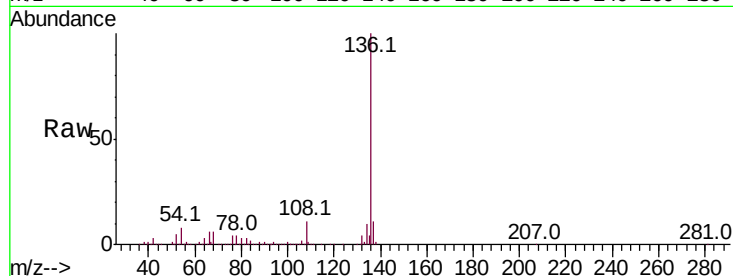
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.6	12.8	
54	8.3	7.0	10.6	
68	6.2	4.9	7.3	

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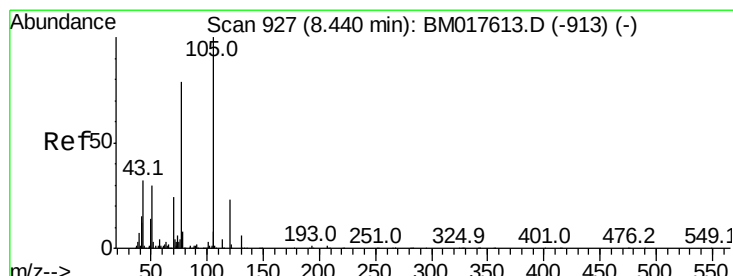
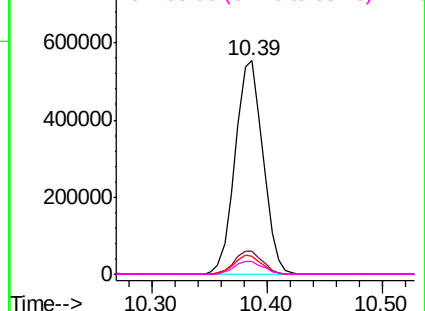
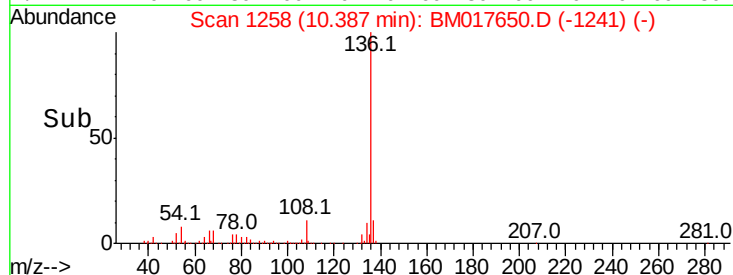
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

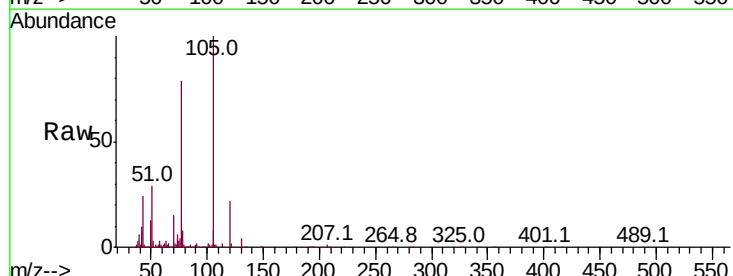
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 45.492 ng
RT: 8.44 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.4	3.1	4.7#	
51	28.8	23.8	35.8	
120	22.2	18.0	27.0	



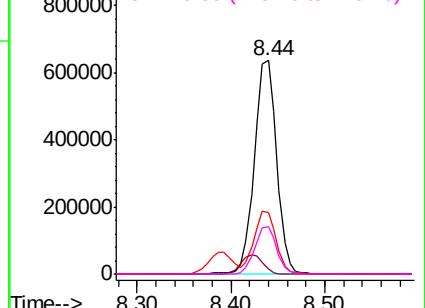
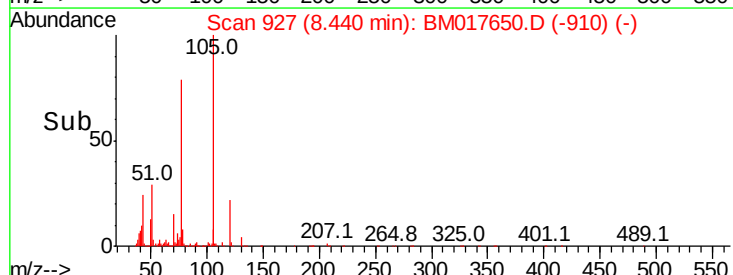
Abundance

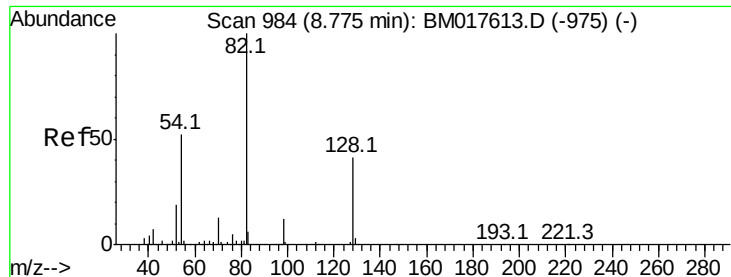
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





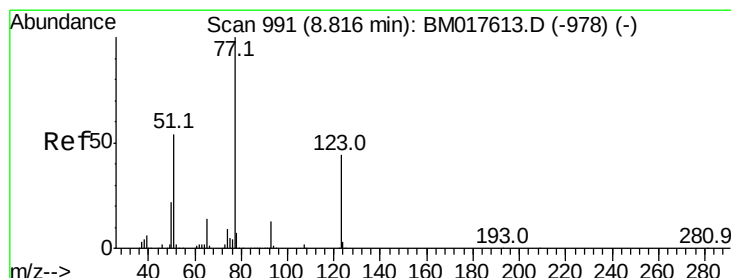
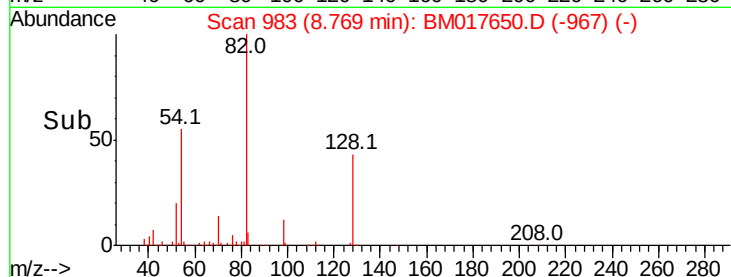
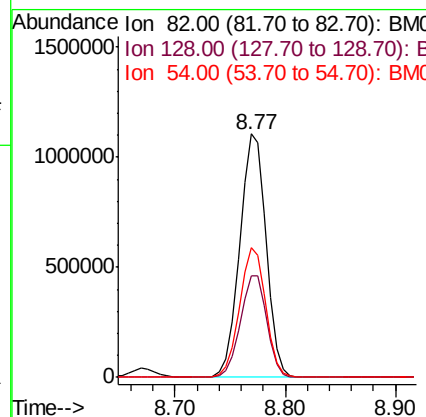
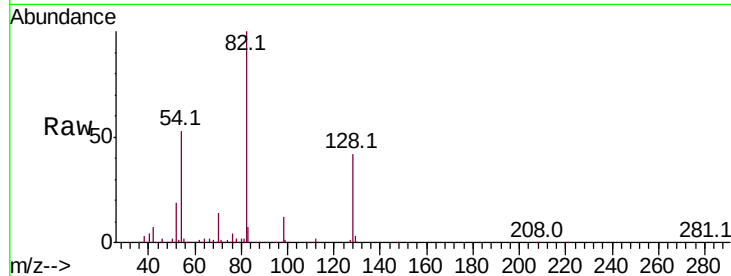
#23
Nitrobenzene-d5
Concen: 103.695 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	53.1	41.4	62.2

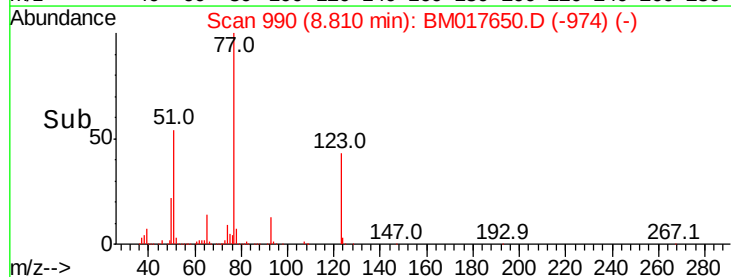
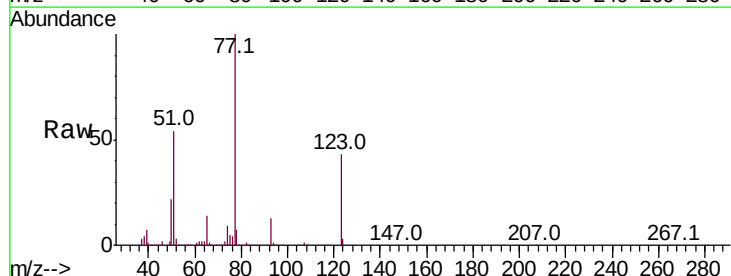
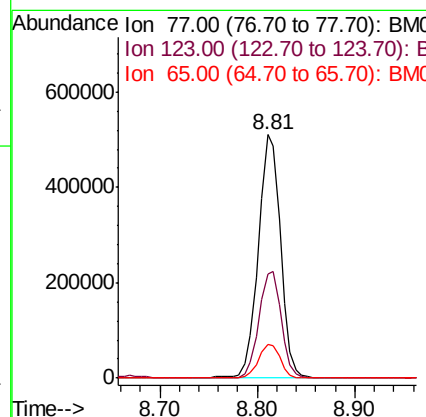
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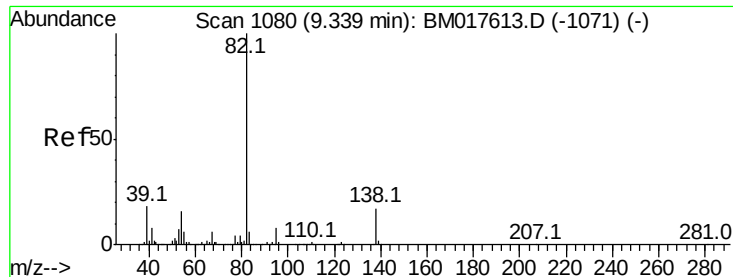
Sohil
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#24
Nitrobenzene
Concen: 44.607 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	35.1	52.7
65	14.0	11.0	16.6





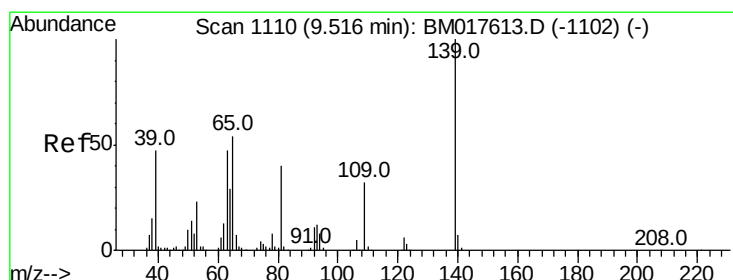
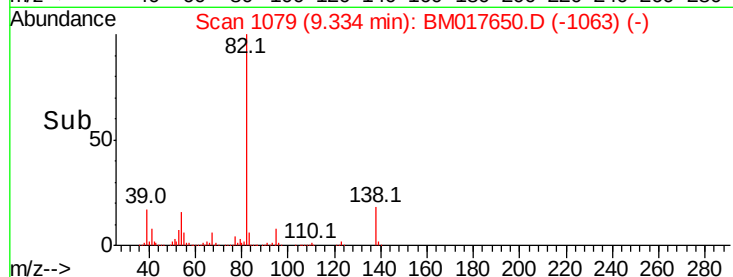
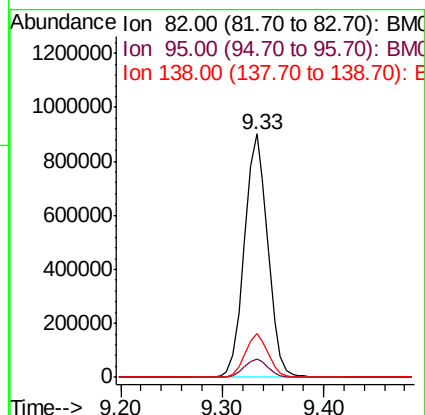
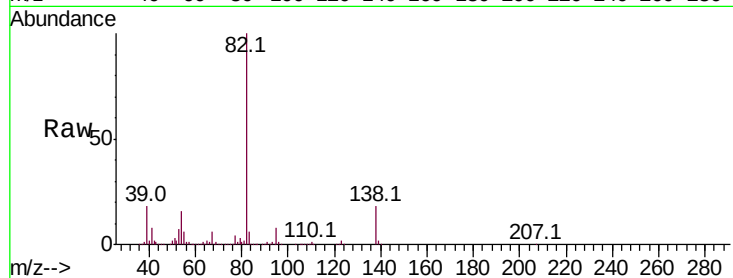
#25
Isophorone
Concen: 52.167 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	17.8	13.9	20.9

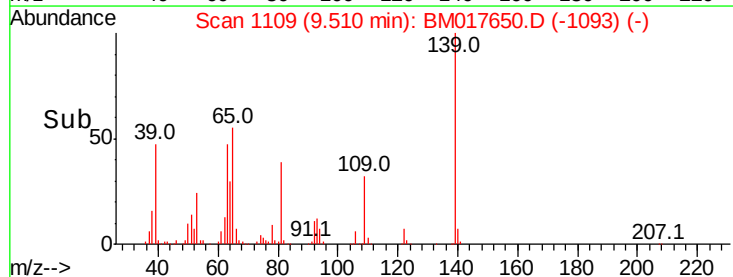
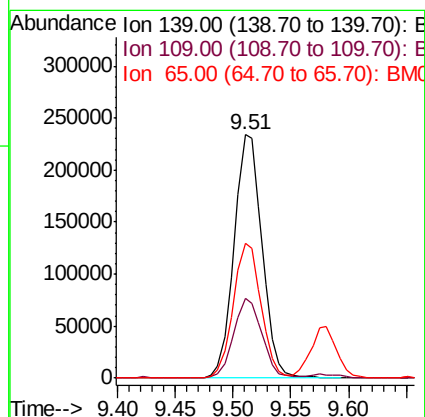
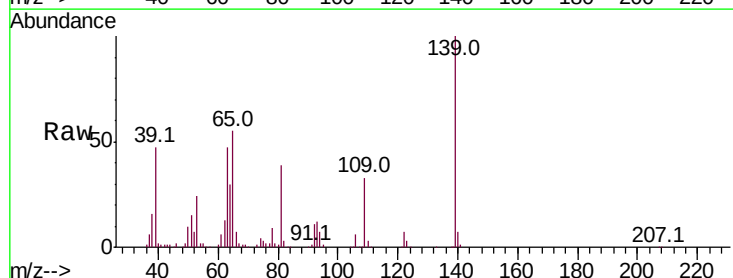
Manual Integrations
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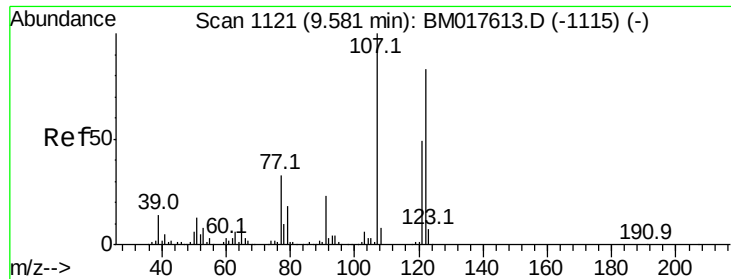
Sohil
11/16/2018 10:17:10 AM



#26
2-Nitrophenol
Concen: 46.984 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.7	25.9	38.9
65	55.2	43.0	64.4





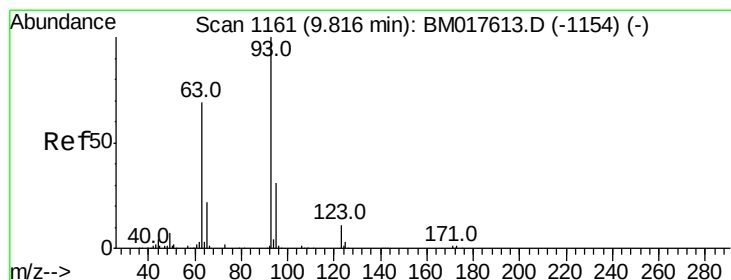
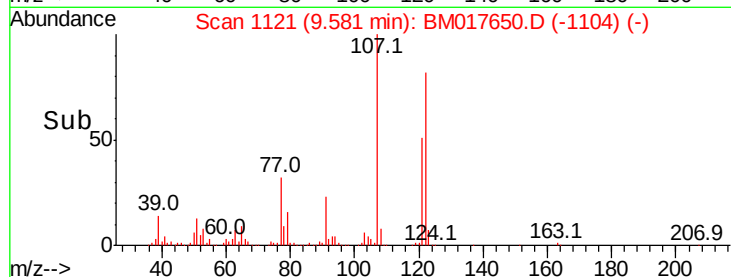
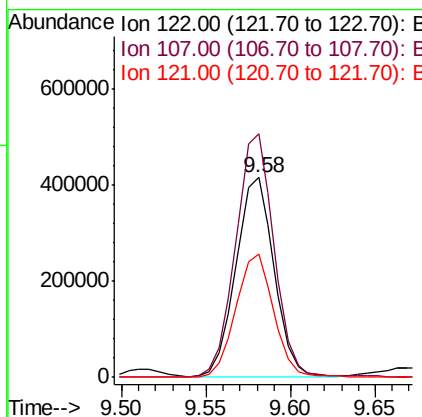
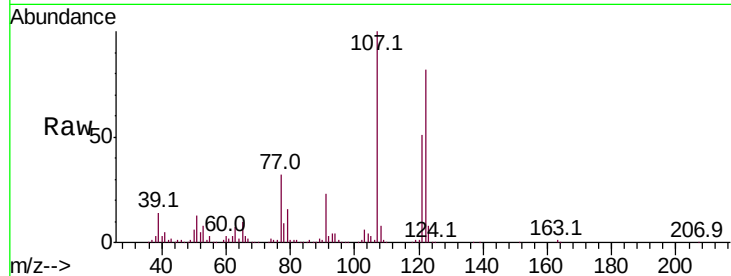
#27
 2,4-Dimethylphenol
 Concen: 53.932 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BM017650.D
 Acq: 14 Nov 2018 16:49

Instrument :
 BNA_M
 ClientSampleId :
 FDSB-05(25-27)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	650416		
107	121.8	95.8	143.8	
121	61.8	47.2	70.8	

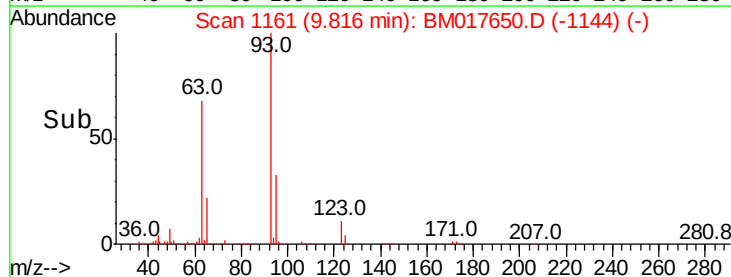
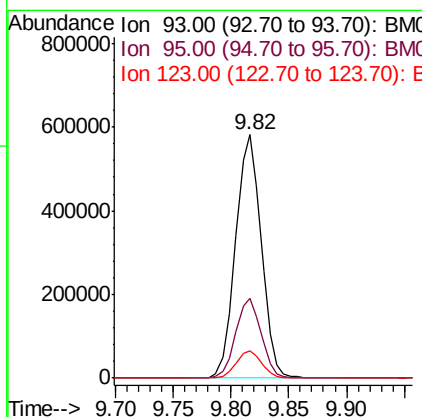
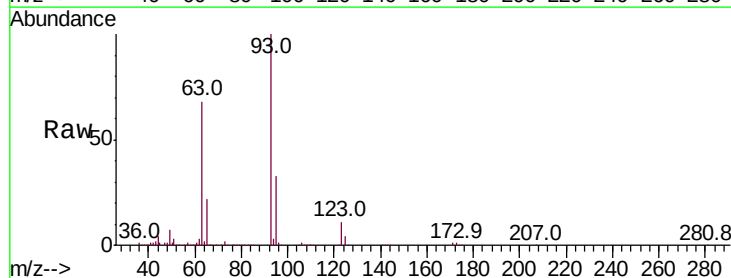
Manual Integrations
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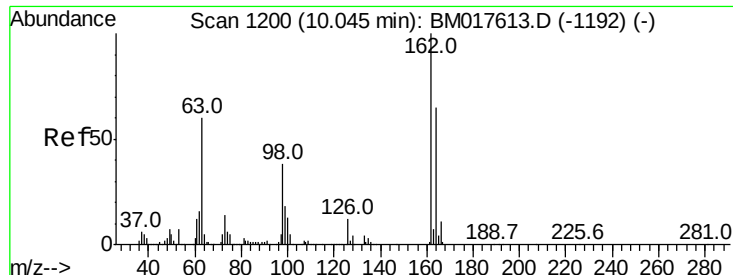
Sohil
 11/16/2018 10:17:10 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.824 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BM017650.D
 Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	895772		
95	32.7	24.9	37.3	
123	11.4	8.7	13.1	





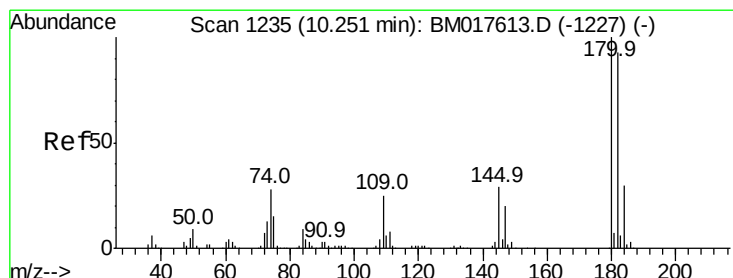
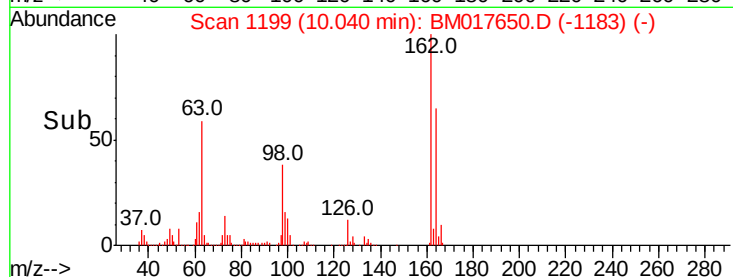
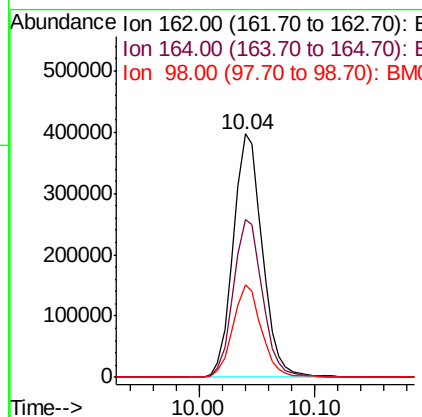
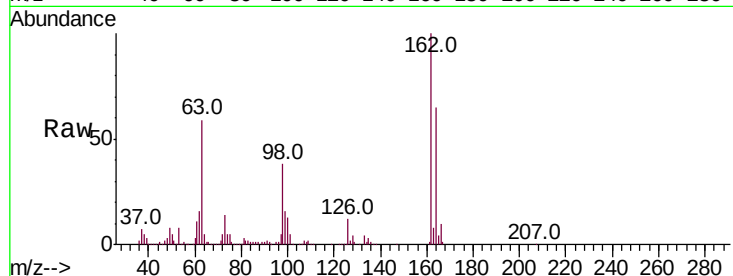
#29
2,4-Dichlorophenol
Concen: 49.744 ng
RT: 10.04 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	696386		
164	65.0	45.0	85.0	
98	38.0	17.5	57.5	

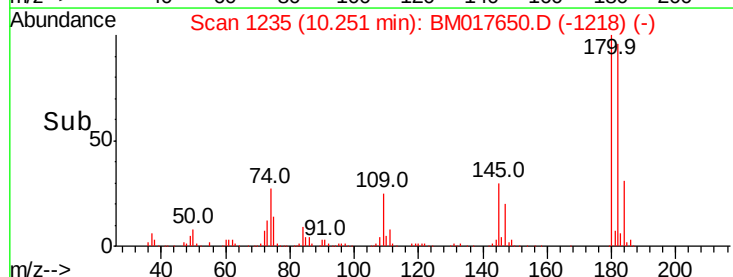
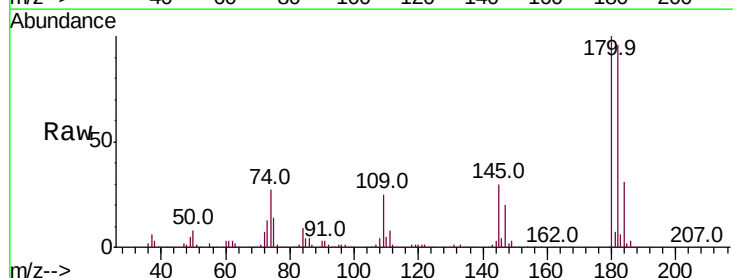
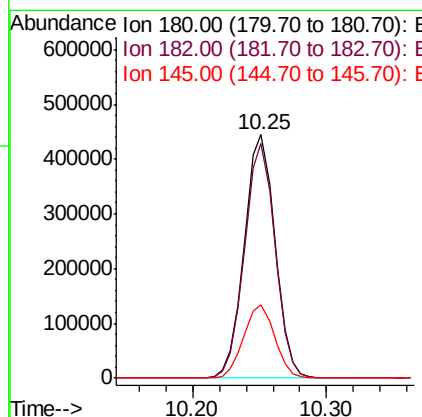
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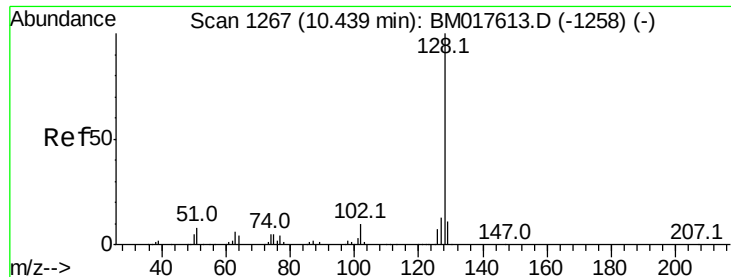
Sohil
11/16/2018 10:17:10 AM



#30
1,2,4-Trichlorobenzene
Concen: 43.420 ng
RT: 10.25 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	706982		
182	96.3	74.4	111.6	
145	30.1	23.5	35.3	





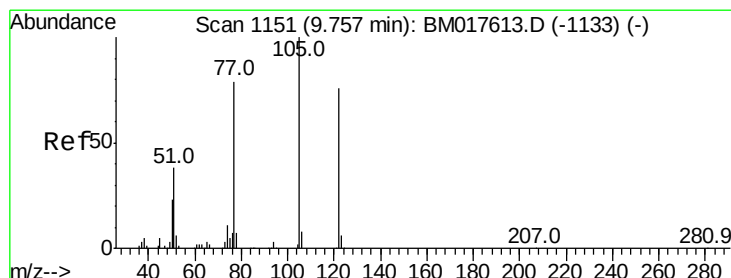
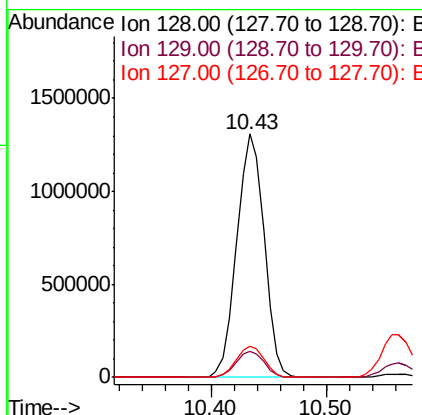
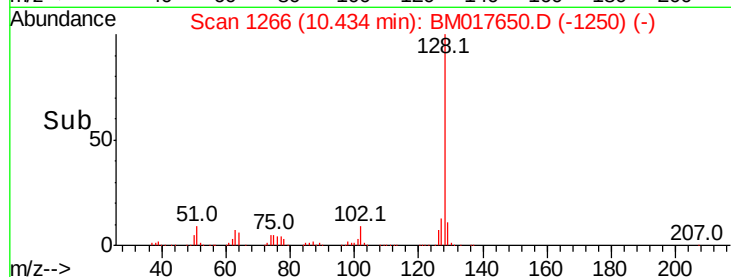
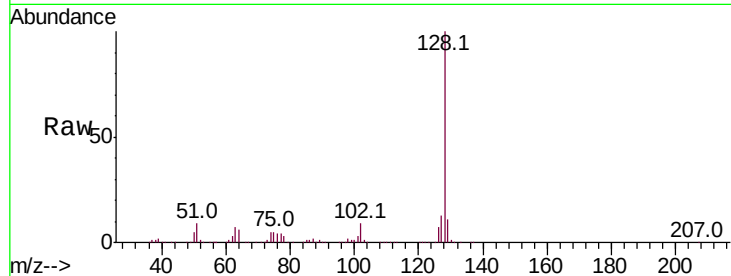
#31
Naphthalene
Concen: 47.262 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion:128 Resp: 2148015
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.0 10.3 15.5

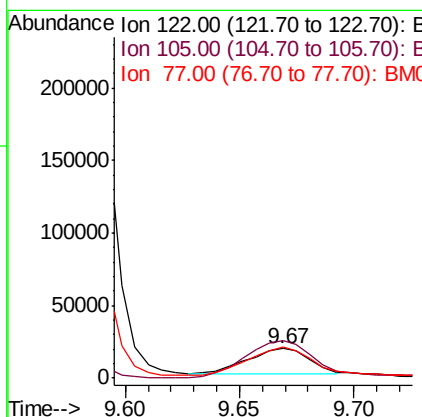
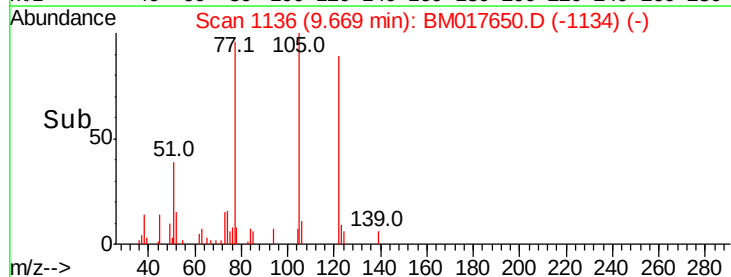
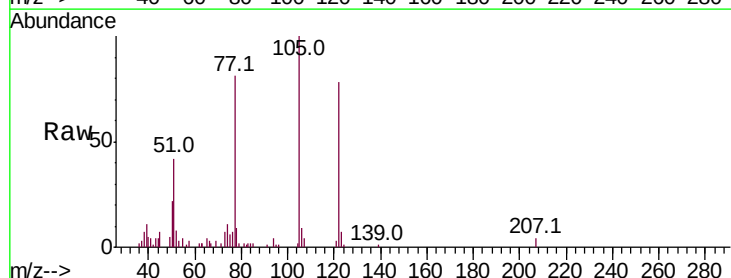
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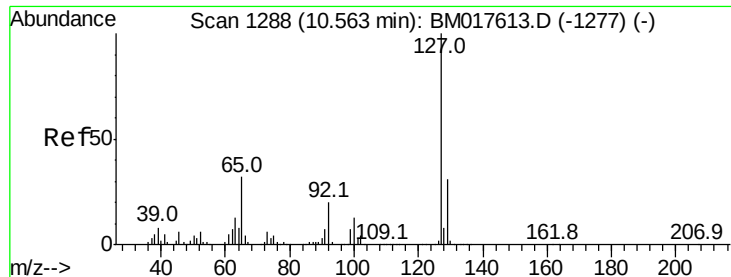
Sohil
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#32
Benzoic acid
Concen: 2.860 ng m
RT: 9.67 min Scan# 1136
Delta R.T. -0.09 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion:122 Resp: 31248
Ion Ratio Lower Upper
122 100
105 128.5 109.1 149.1
77 104.1 82.1 122.1





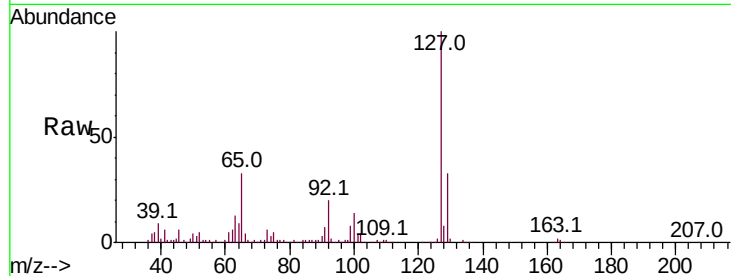
#33
4-Chloroaniline
Concen: 22.340 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

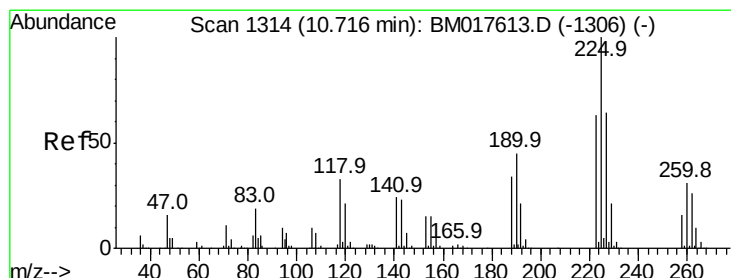
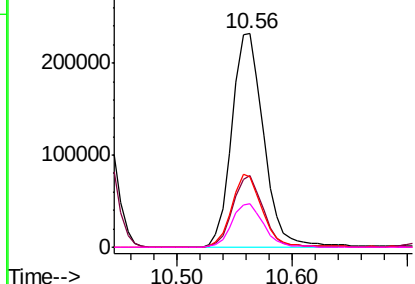
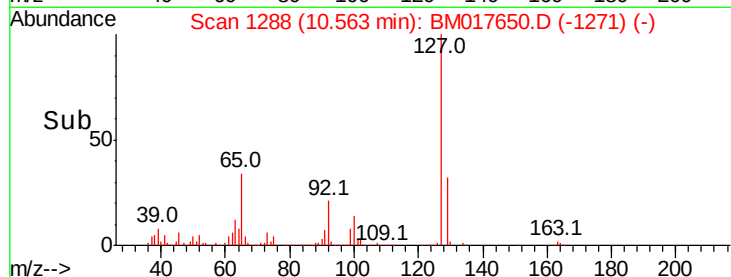
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	25.0	37.4	
65	33.1	25.8	38.8	
92	20.4	15.8	23.6	

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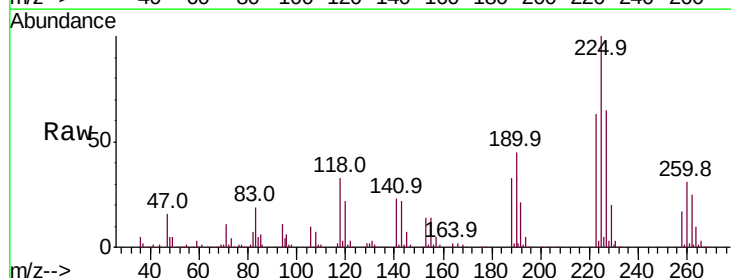


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

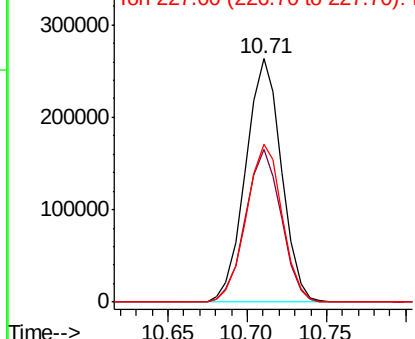
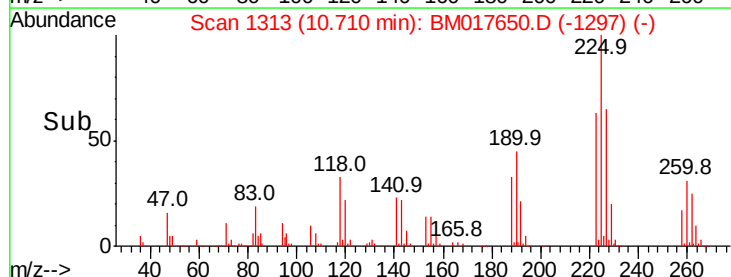


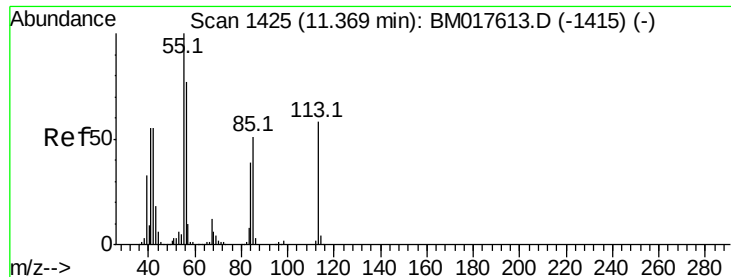
#34
Hexachlorobutadiene
Concen: 40.852 ng
RT: 10.71 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.7	76.1	
227	65.1	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





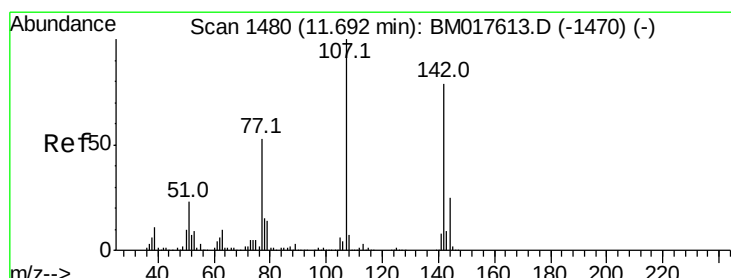
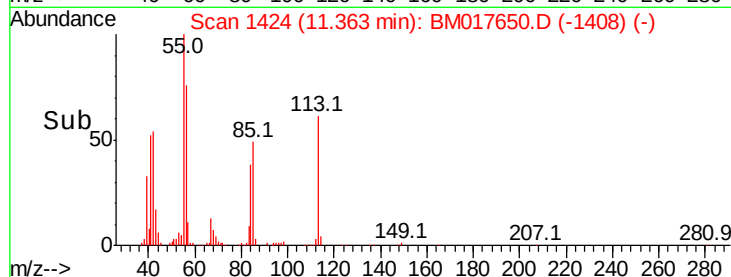
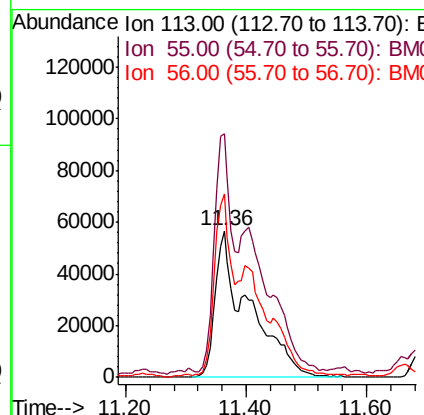
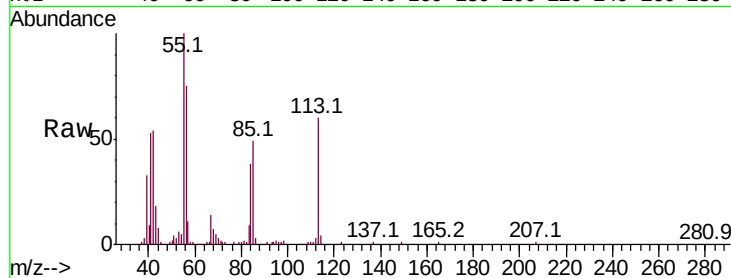
#35
Caprolactam
Concen: 43.235 ng/ml
RT: 11.36 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.8	153.1	193.1
56	124.9	112.7	152.7

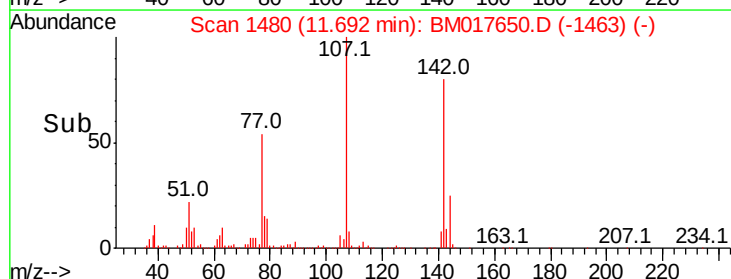
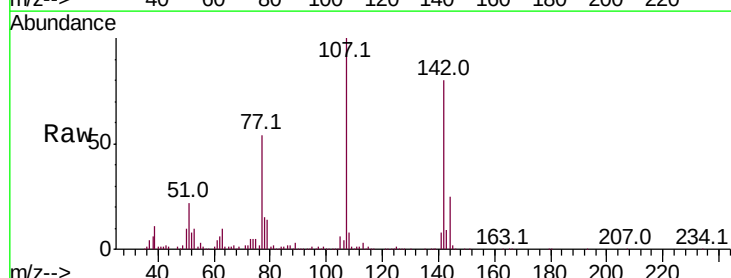
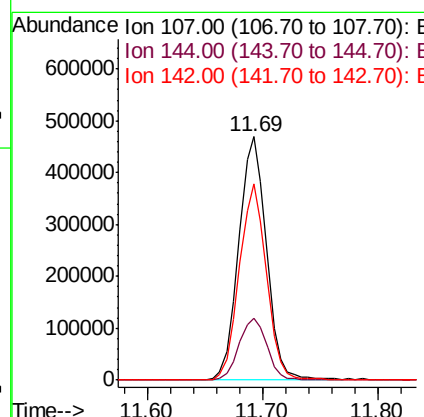
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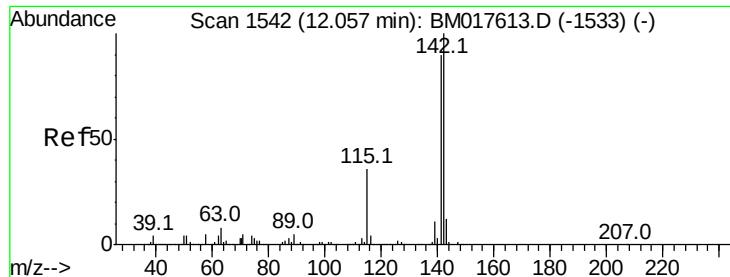
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 48.176 ng
RT: 11.69 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.9	29.9
142	80.4	63.0	94.4





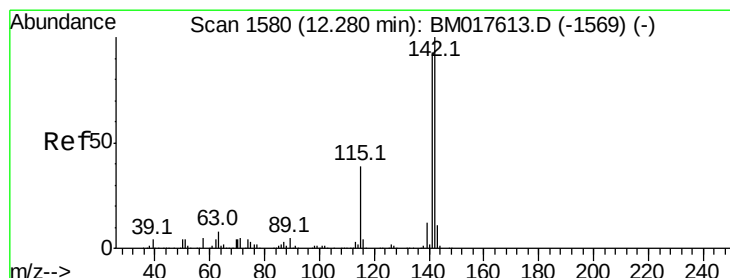
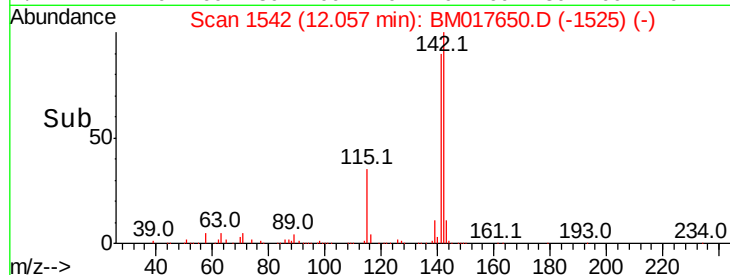
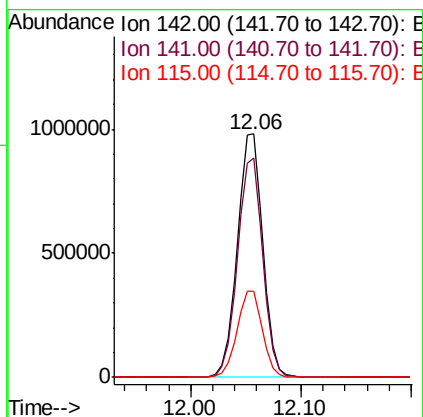
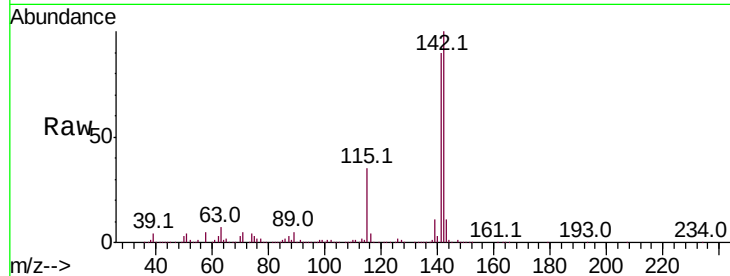
#37
2-Methylnaphthalene
Concen: 49.489 ng
RT: 12.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.2	108.4
115	35.2	28.5	42.7

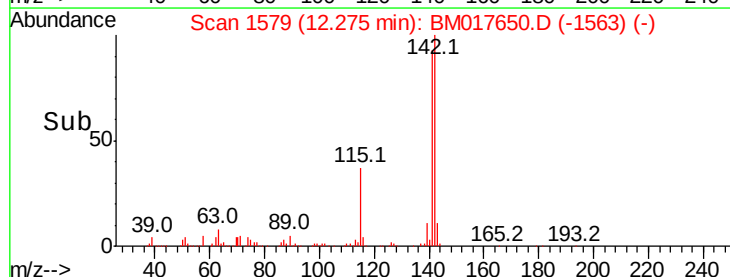
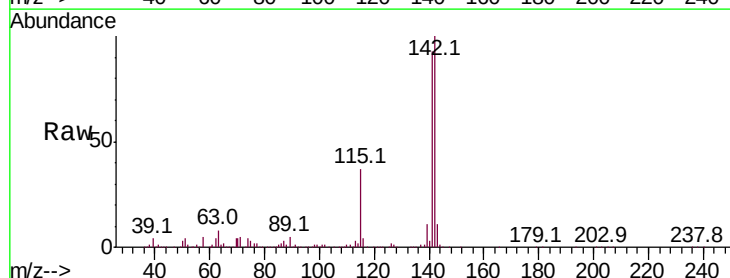
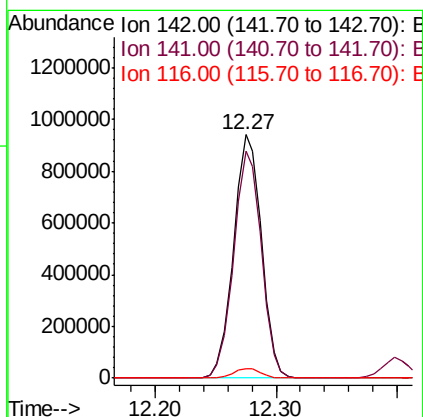
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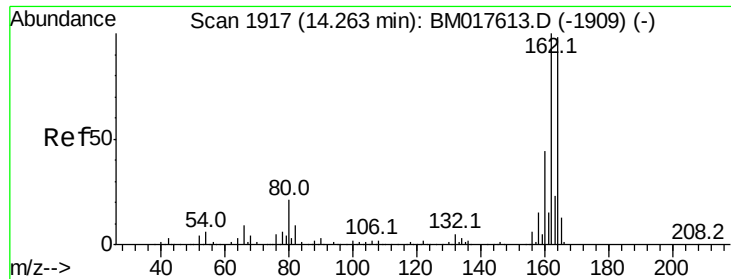
Sohil
11/16/2018 10:17:10 AM



#38
1-Methylnaphthalene
Concen: 47.952 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

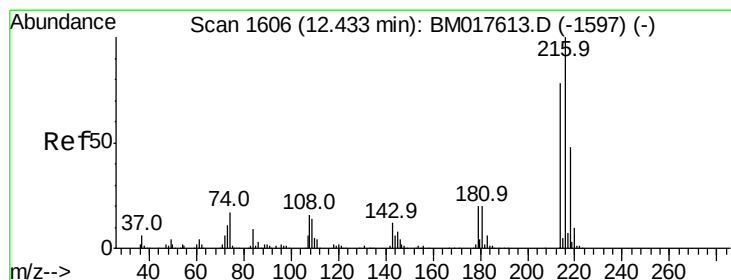
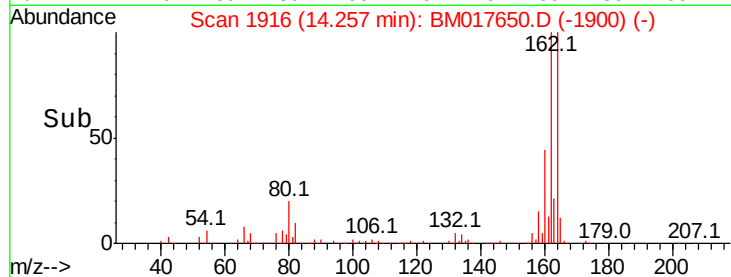
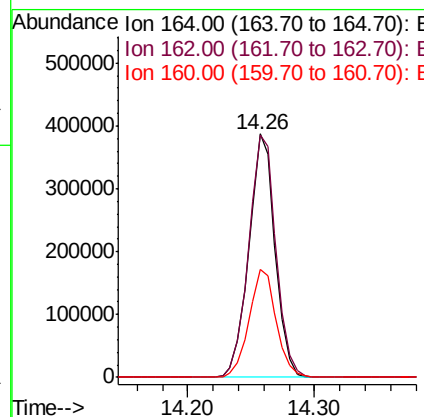
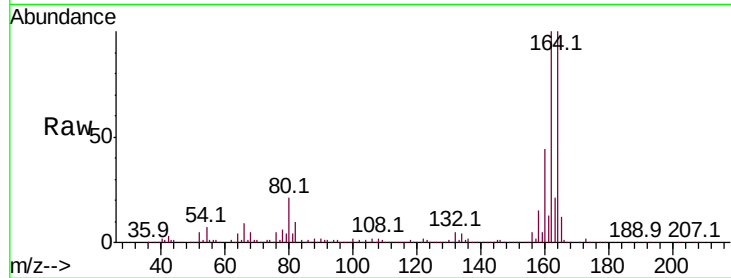
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:	164	Resp:	553243
Ion Ratio	Lower	Upper	
164	100		
162	99.8	81.4	122.0
160	44.3	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.985 ng

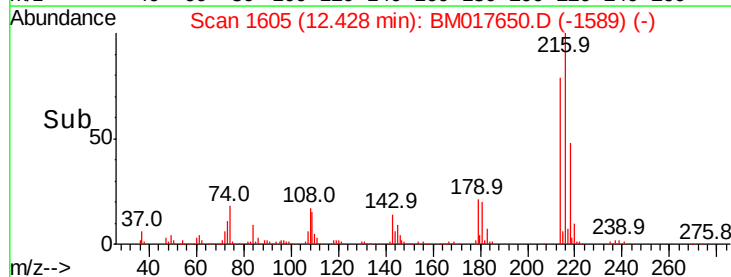
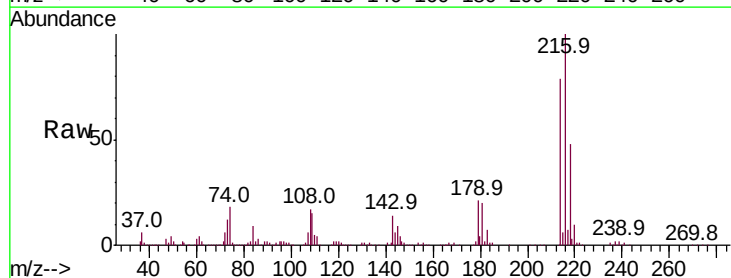
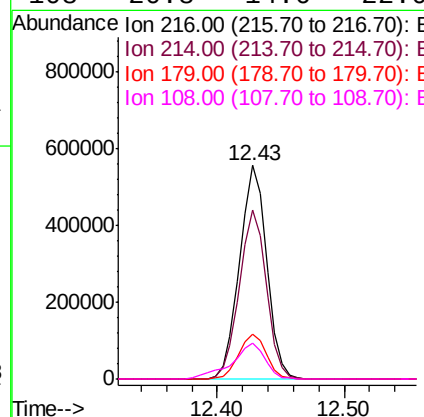
RT: 12.43 min Scan# 1605

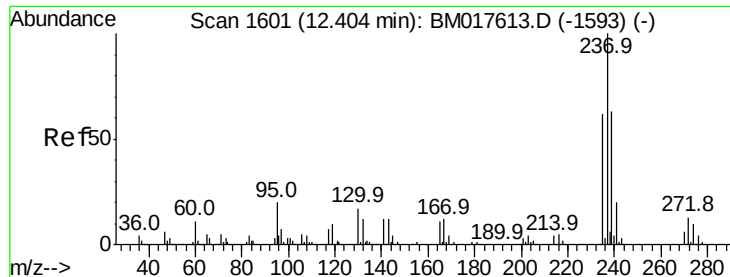
Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion:	216	Resp:	819091
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.5	93.7
179	21.6	16.8	25.2
108	20.8	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 100.140 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:237 Resp: 1009500

Ion Ratio Lower Upper

237 100

235 62.8 42.2 82.2

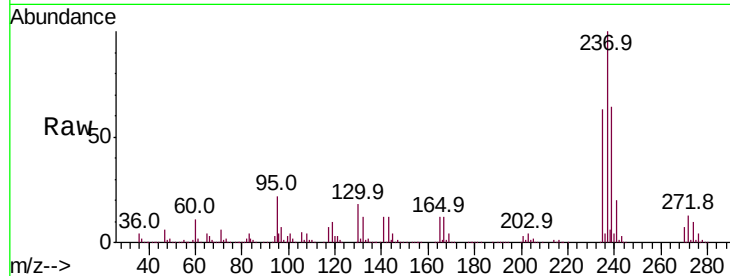
272 12.5 0.0 32.6

Manual Integrations

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Sohil

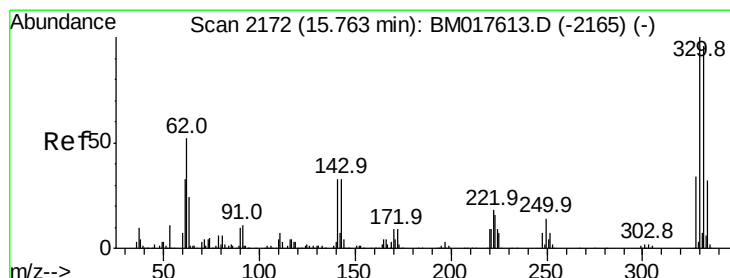
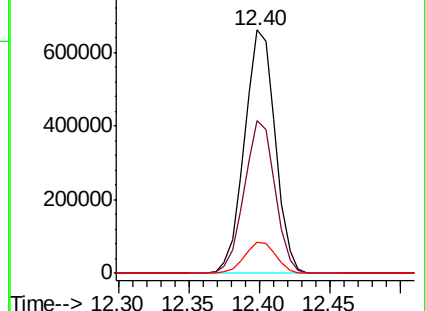
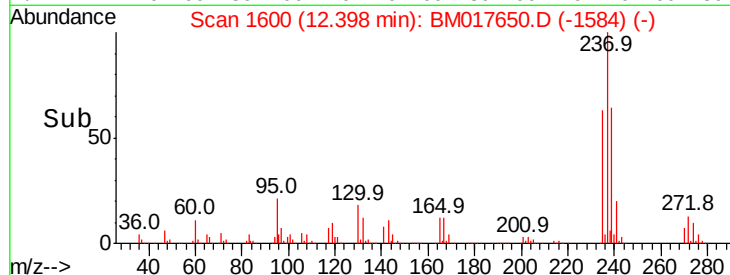
11/16/2018 10:17:10 AM



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: 163.218 ng

RT: 15.76 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

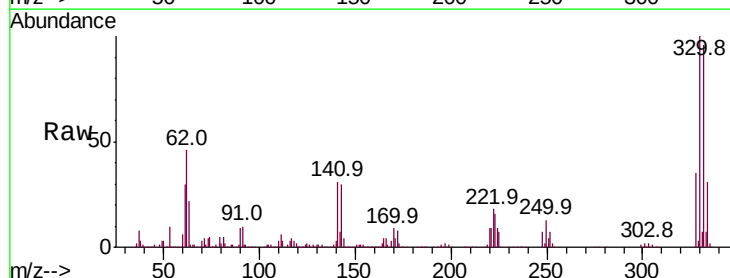
Tgt Ion:330 Resp: 1297475

Ion Ratio Lower Upper

330 100

332 96.6 77.9 116.9

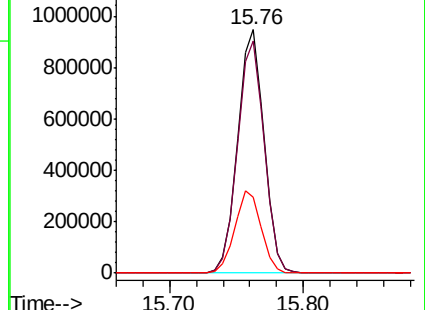
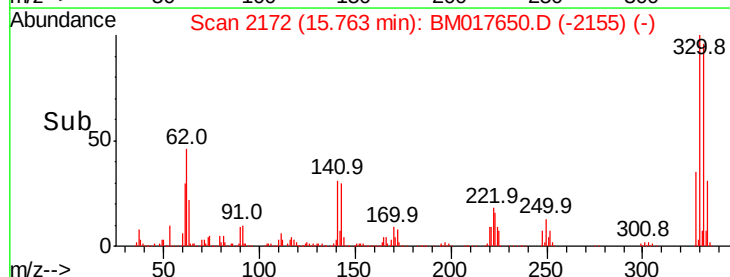
141 33.8 27.5 41.3

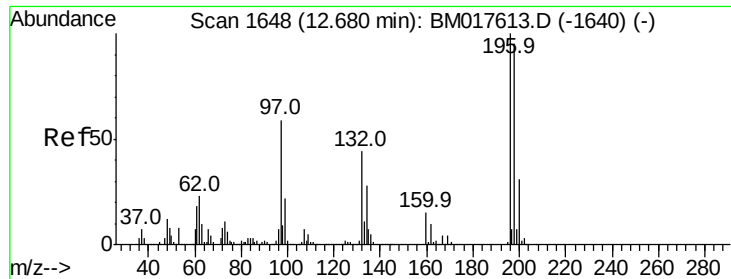


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





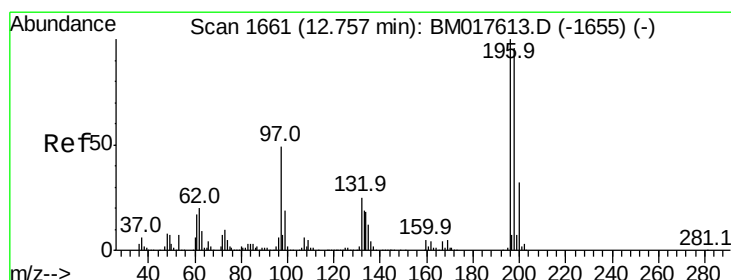
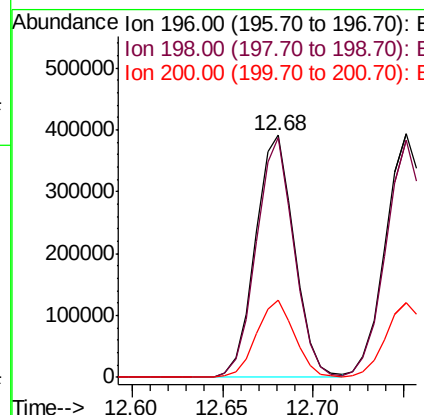
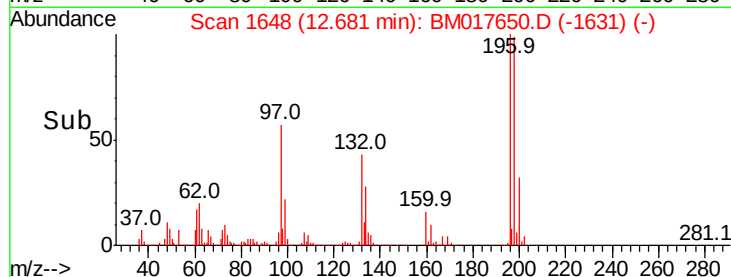
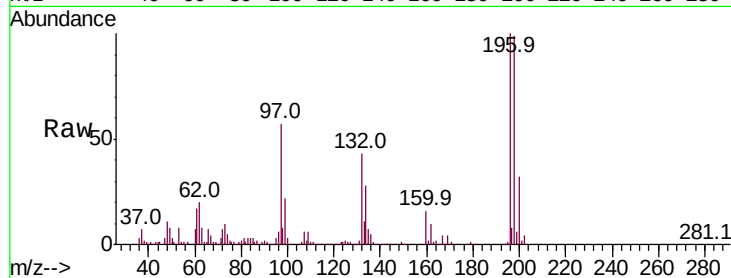
#43
 2,4,6-Trichlorophenol
 Concen: 47.711 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM017650.D
 Acq: 14 Nov 2018 16:49

Instrument :
 BNA_M
 ClientSampleId :
 FDSB-05(25-27)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	583017		
198	99.0	75.6	113.4	
200	31.9	24.8	37.2	

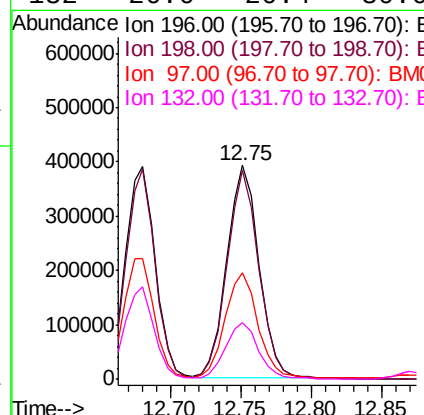
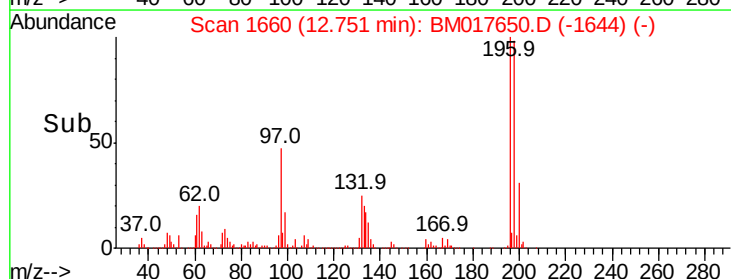
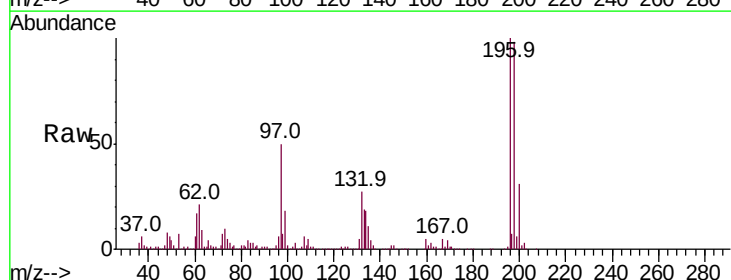
Manual Integrations
 APPROVED

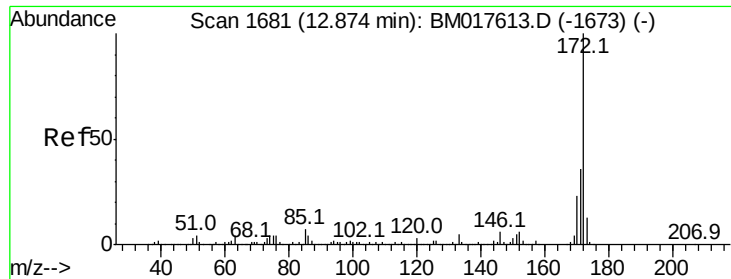
Sohil
 11/16/2018 10:17:10 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.369 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017650.D
 Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	624073		
198	97.7	76.8	115.2	
97	49.8	39.0	58.6	
132	26.6	20.4	30.6	





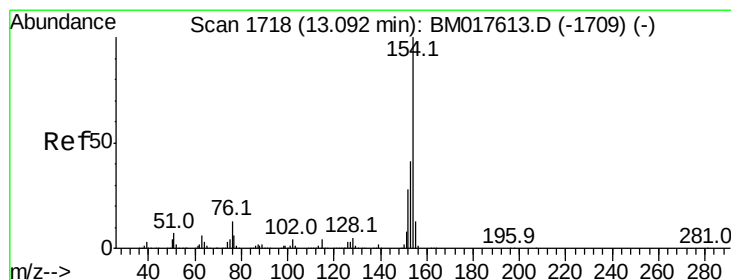
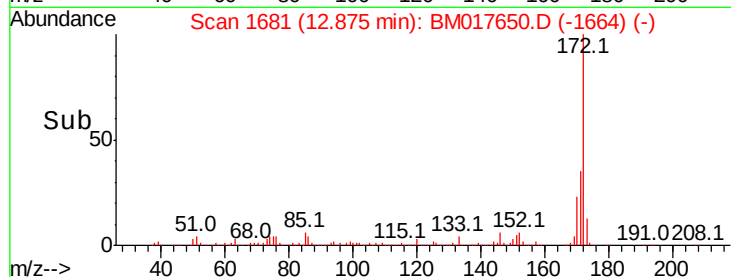
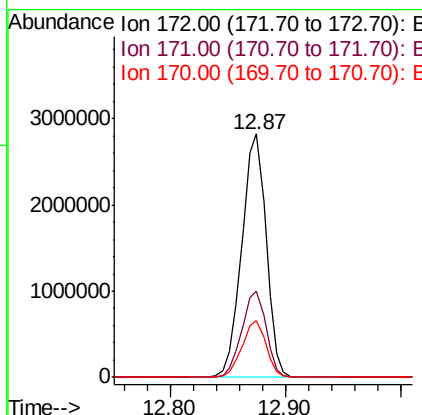
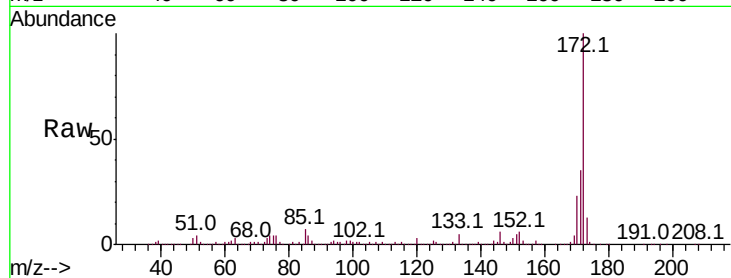
#45
2-Fluorobiphenyl
Concen: 97.081 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.1	18.3	27.5

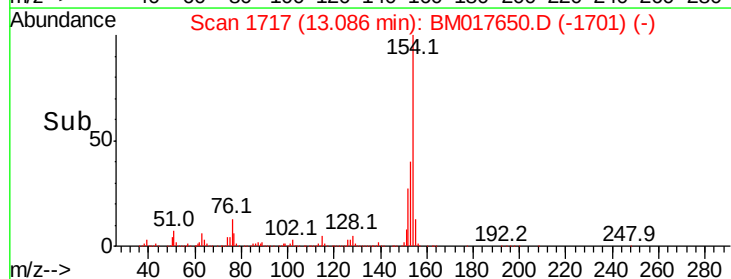
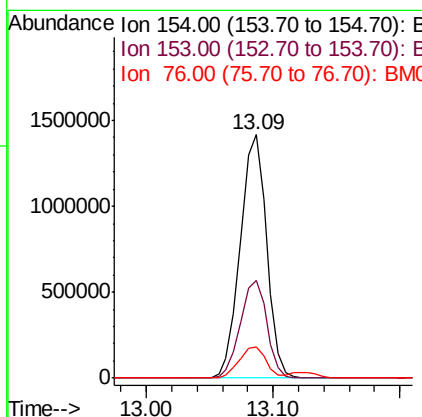
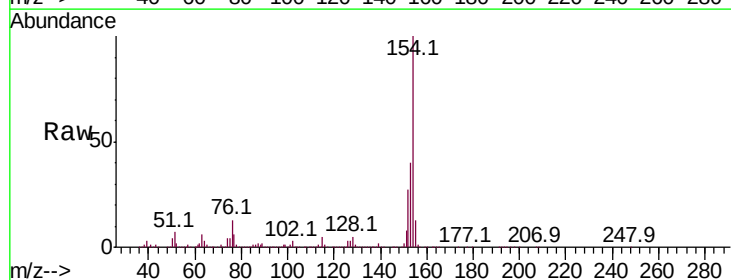
Manual Integrations
APPROVED

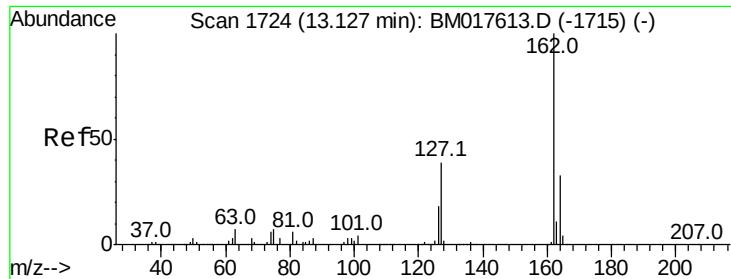
Sohil
11/16/2018 10:17:10 AM



#46
1,1'-Biphenyl
Concen: 40.954 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	12.9	0.0	32.8





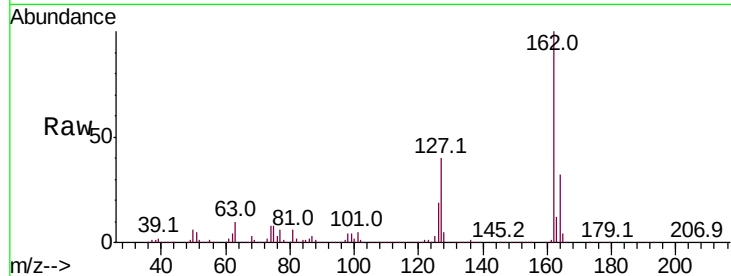
#47
2-Chloronaphthalene
Concen: 43.251 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.6	48.8
164	32.4	26.5	39.7

Manual Integrations
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11/16/2018 10:17:10 AM

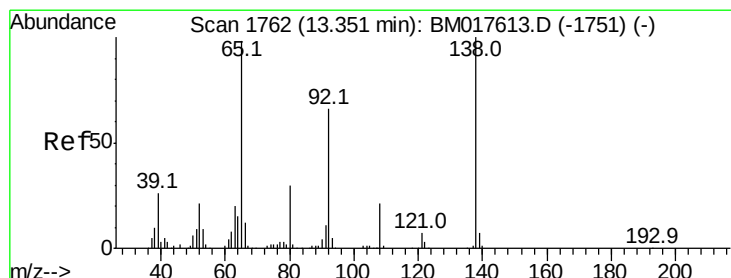
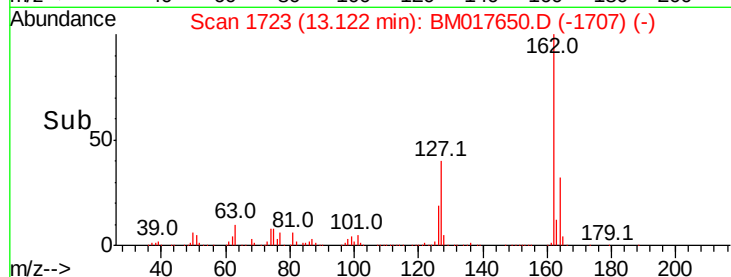
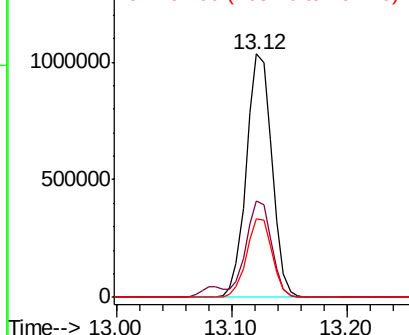


Abundance

Ion 162.00 (161.70 to 162.70): E

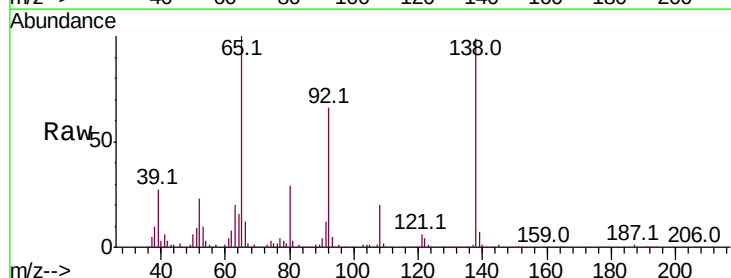
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.138 ng
RT: 13.35 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.7	80.5
138	99.3	81.5	122.3

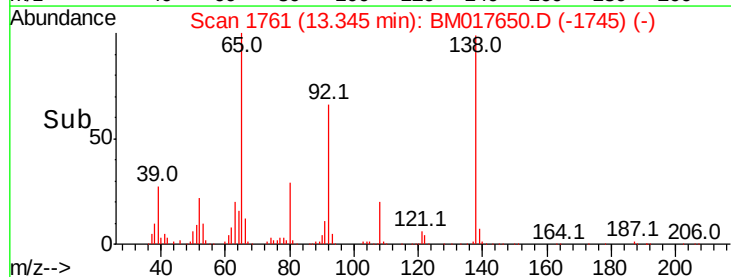
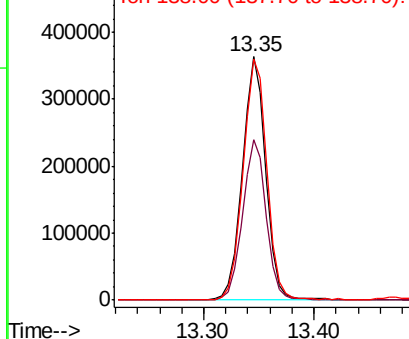


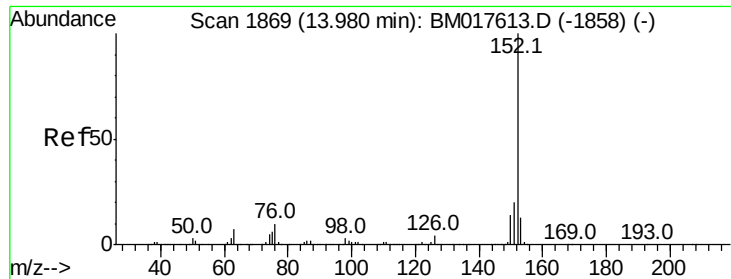
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.388 ng

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:152 Resp: 2624339

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

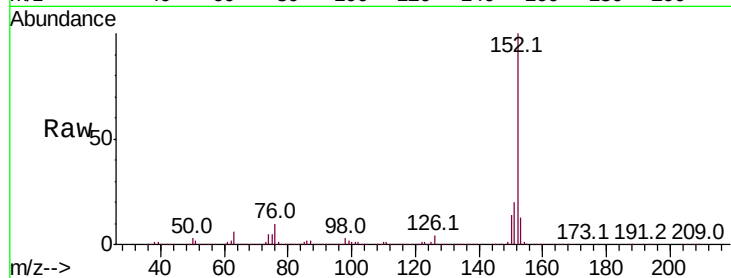
153 12.9 10.5 15.7

Manual Integrations

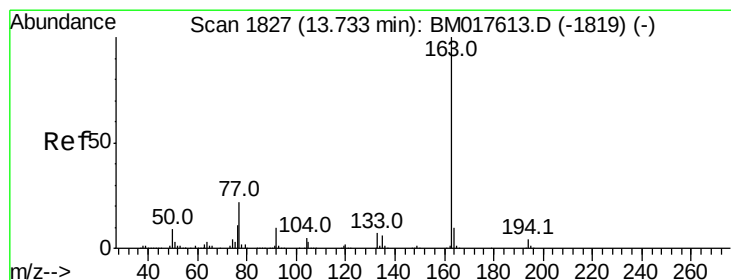
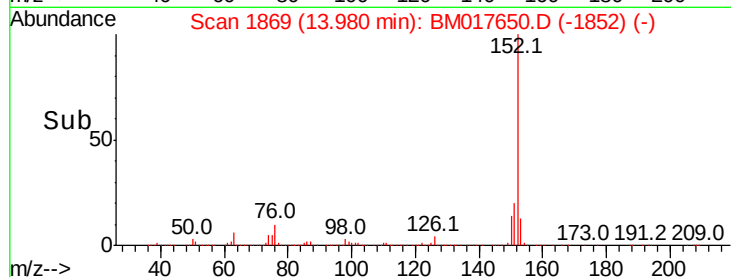
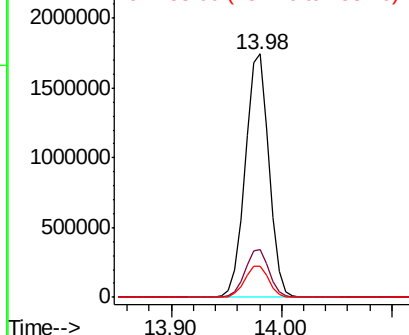
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11/16/2018 10:17:10 AM



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



#50

Dimethylphthalate

Concen: 53.958 ng

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

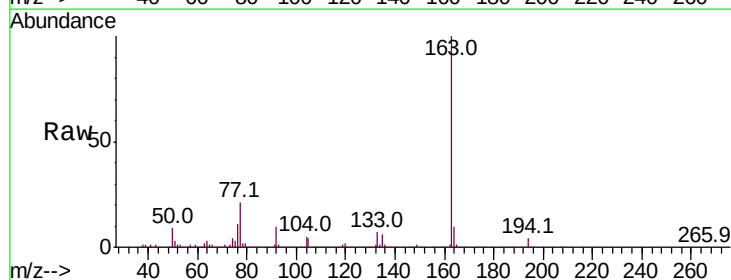
Tgt Ion:163 Resp: 2427058

Ion Ratio Lower Upper

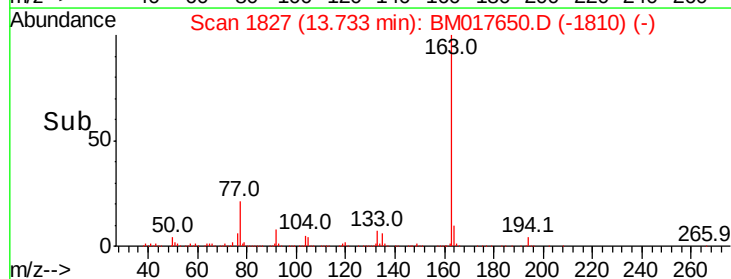
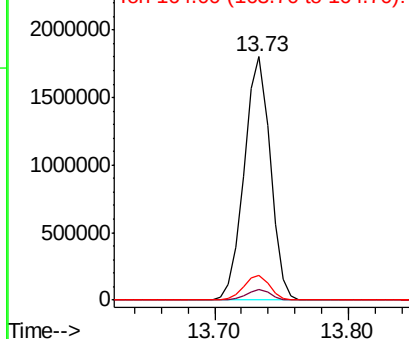
163 100

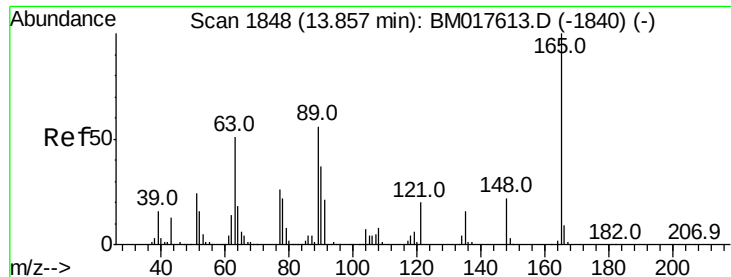
194 4.3 3.1 4.7

164 10.2 8.2 12.4



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





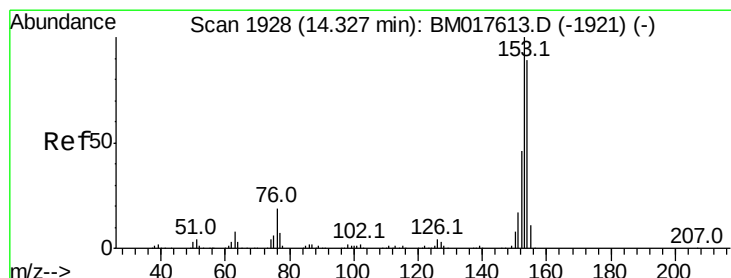
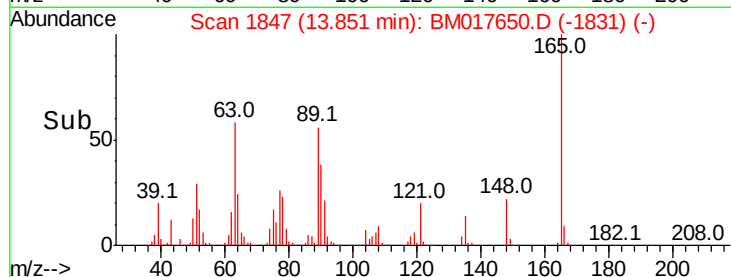
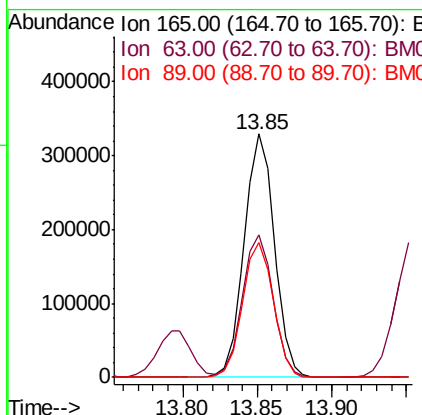
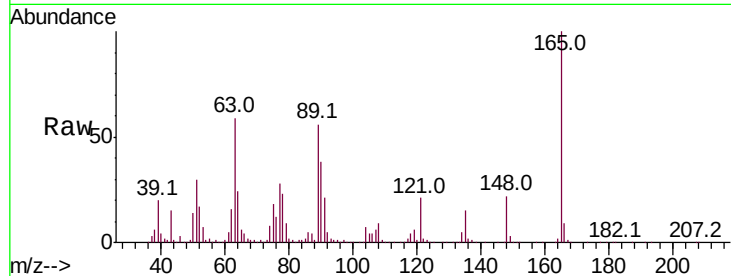
#51
2,6-Dinitrotoluene
Concen: 46.082 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	47.3	70.9
89	55.6	44.8	67.2

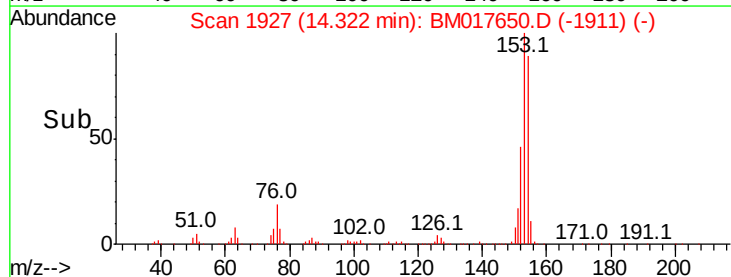
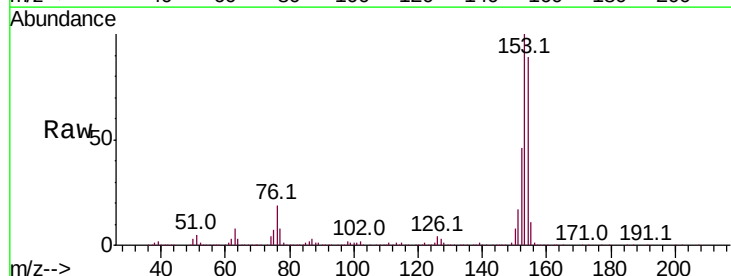
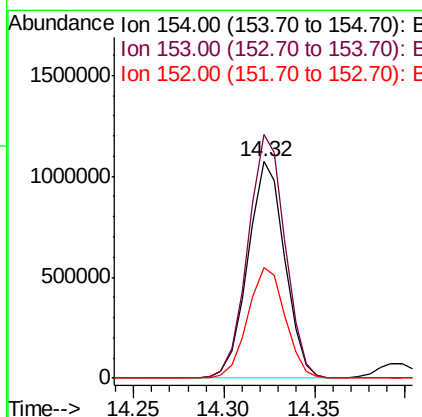
Manual Integrations
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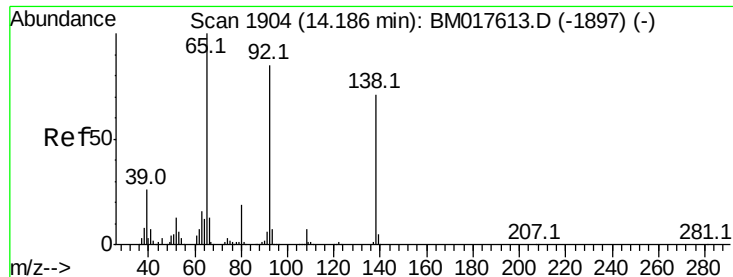
Sohil
11/16/2018 10:17:10 AM



#52
Acenaphthene
Concen: 44.548 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.2	135.4
152	51.3	41.6	62.4





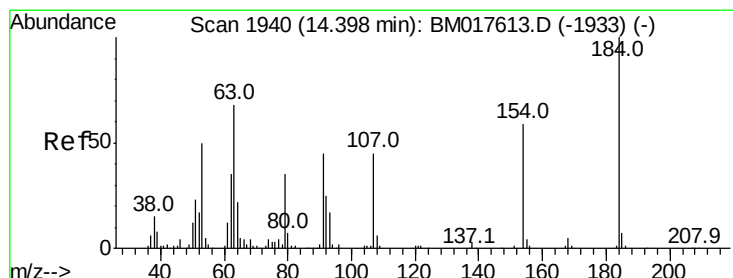
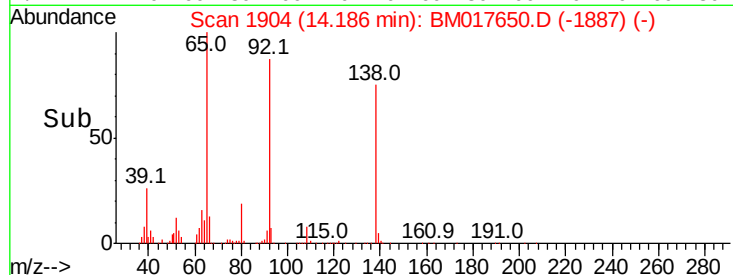
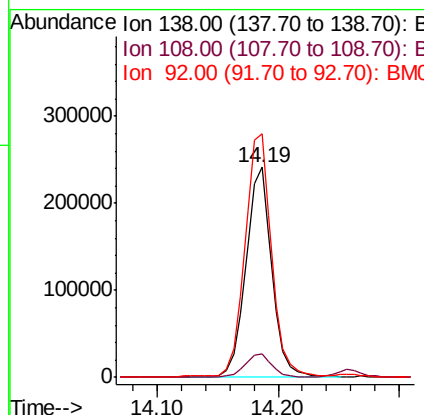
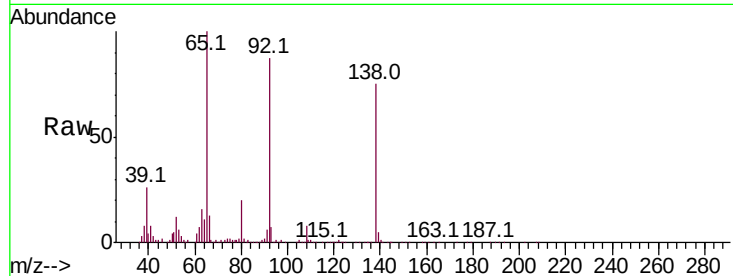
#53
3-Nitroaniline
Concen: 33.224 ng
RT: 14.19 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.2	12.2
92	116.0	95.4	143.2

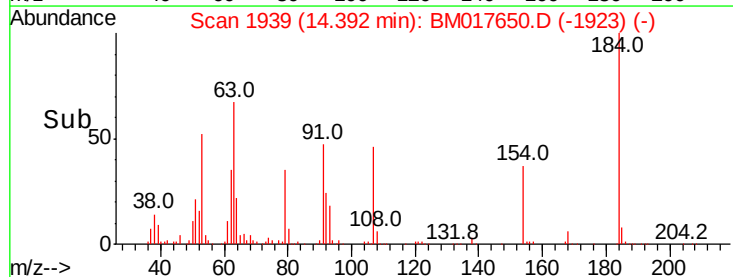
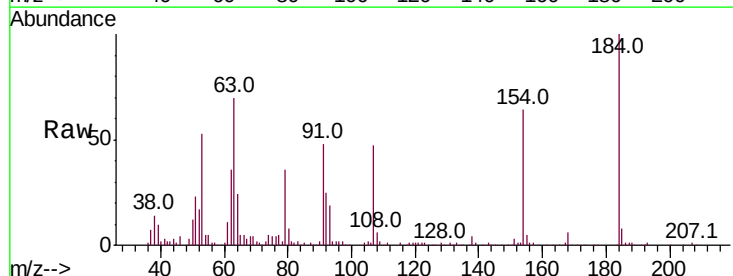
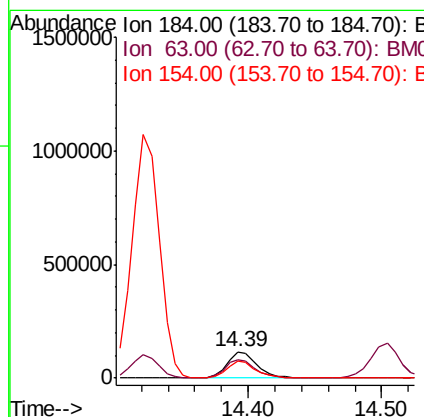
Manual Integrations
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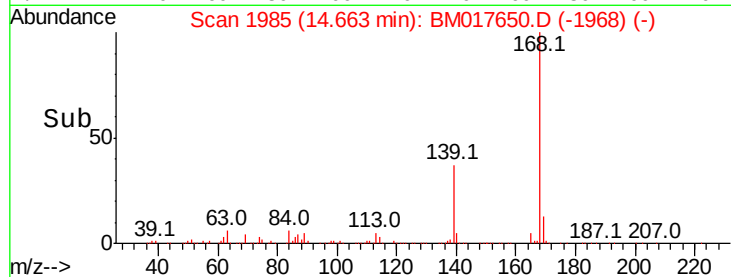
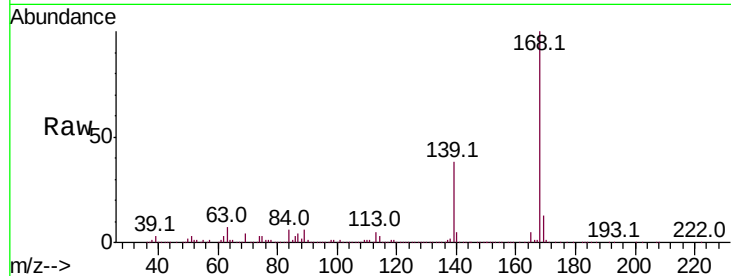
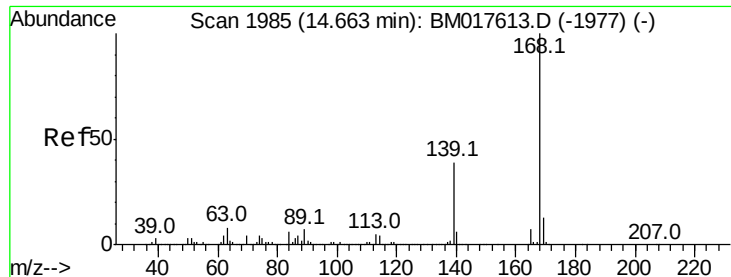
Sohil
11/16/2018 10:17:10 AM



#54
2,4-Dinitrophenol
Concen: 34.113 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.5	55.1	82.7
154	63.8	51.3	76.9





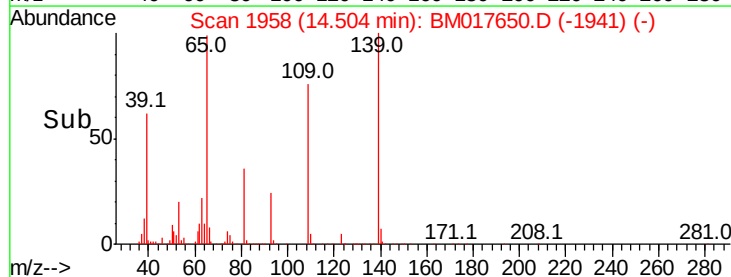
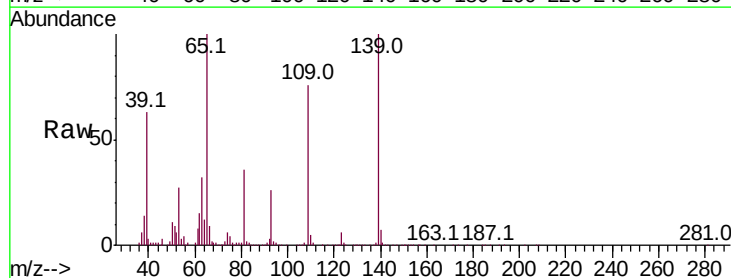
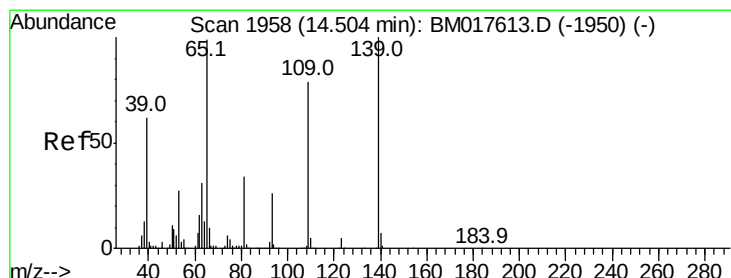
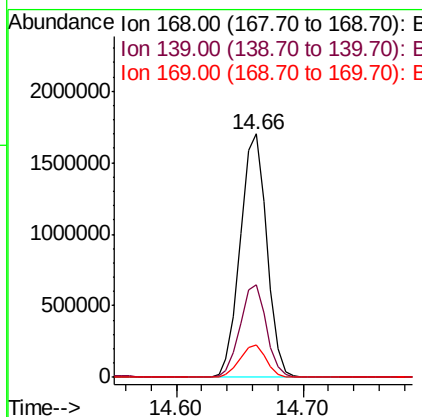
#55
Dibenzofuran
Concen: 44.314 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion:168 Resp: 2461247
Ion Ratio Lower Upper
168 100
139 37.8 31.0 46.6
169 13.2 10.6 16.0

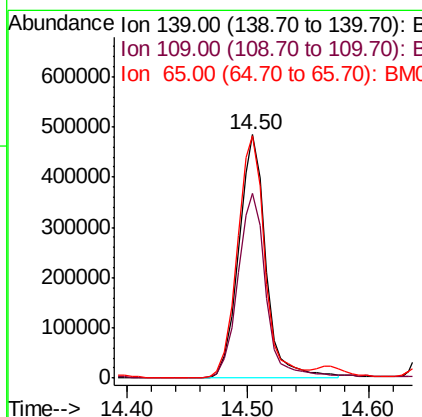
Manual Integrations
APPROVED

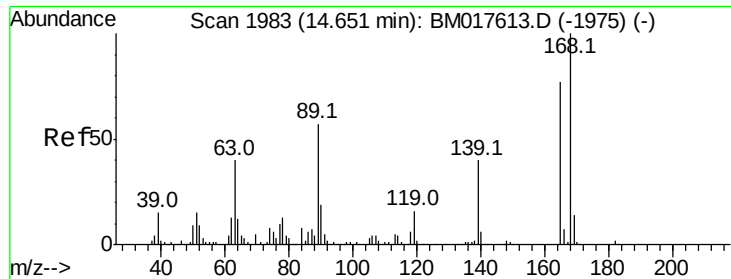
Sohil
11/16/2018 10:17:10 AM



#56
4-Nitrophenol
Concen: 82.870 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion:139 Resp: 761341
Ion Ratio Lower Upper
139 100
109 76.0 58.6 98.6
65 99.8 79.5 119.5





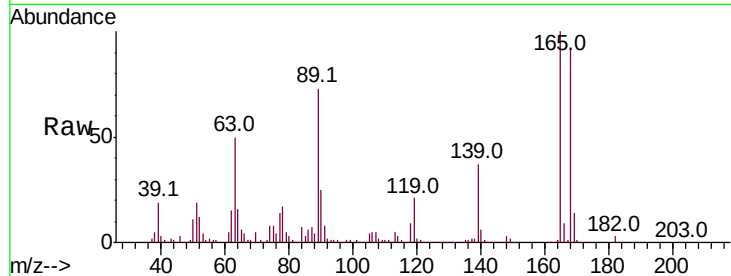
#57
2,4-Dinitrotoluene
Concen: 48.427 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	653844		
63	50.1	41.8	62.8	
89	73.3	59.5	89.3	
182	2.7	2.3	3.5	

Manual Integrations
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Sohil
11/16/2018 10:17:10 AM



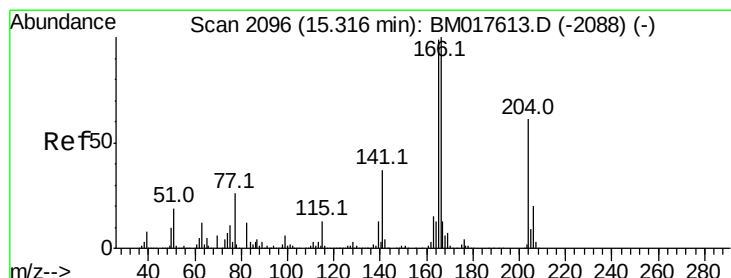
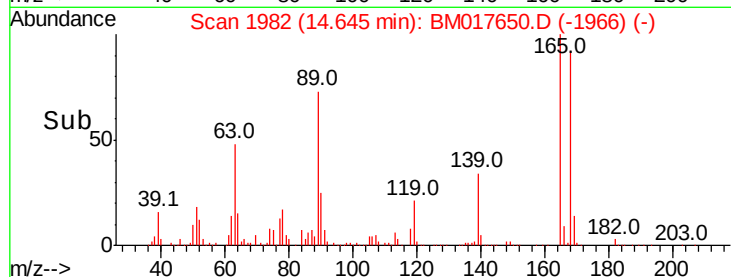
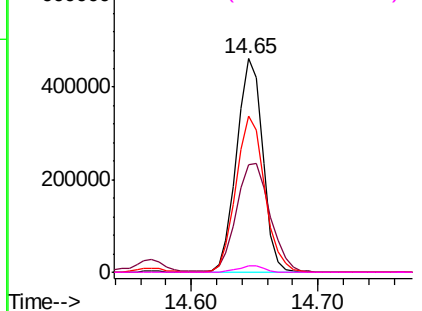
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.427 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

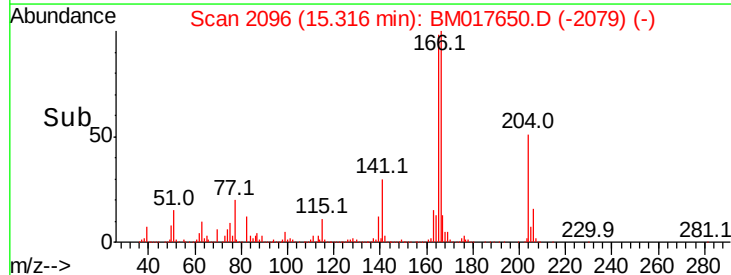
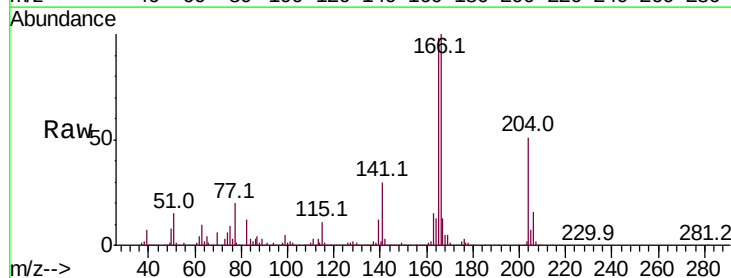
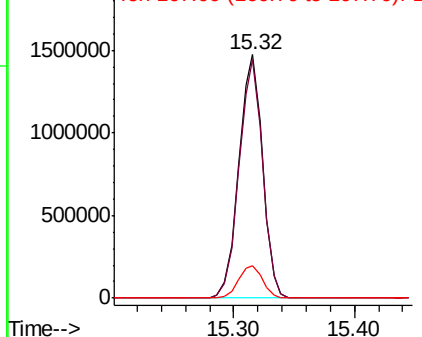
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2016590		
165	98.0	79.0	118.6	
167	13.3	10.8	16.2	

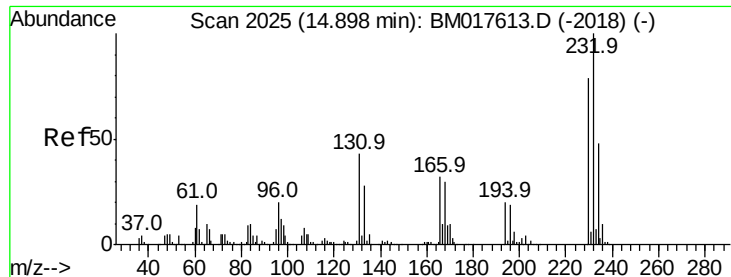
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.145 ng

RT: 14.89 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

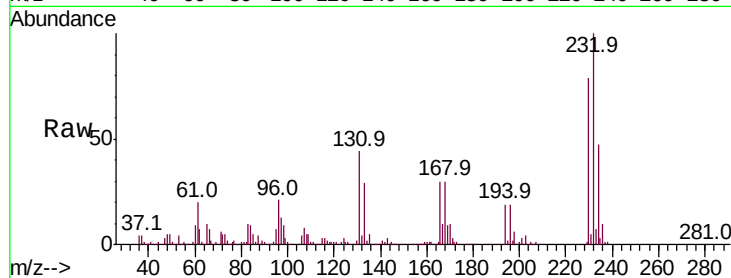
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	34.8	52.2
130	2.6	1.9	2.9
166	31.2	25.3	37.9

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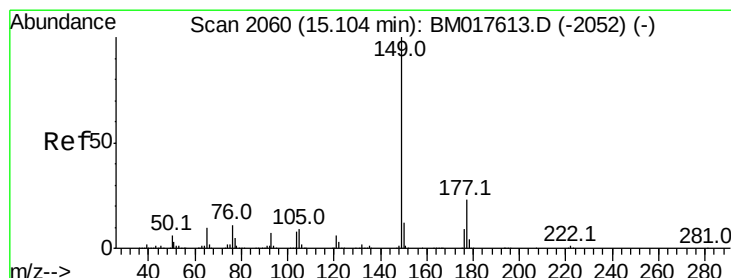
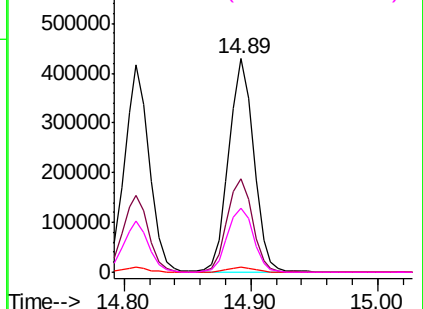
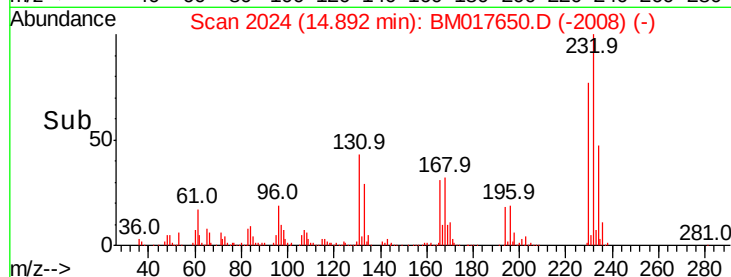
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.638 ng

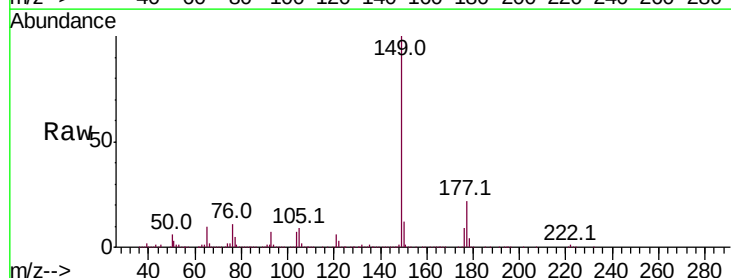
RT: 15.10 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.1	27.1
150	12.1	9.9	14.9

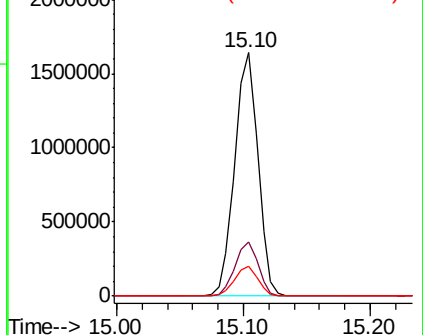
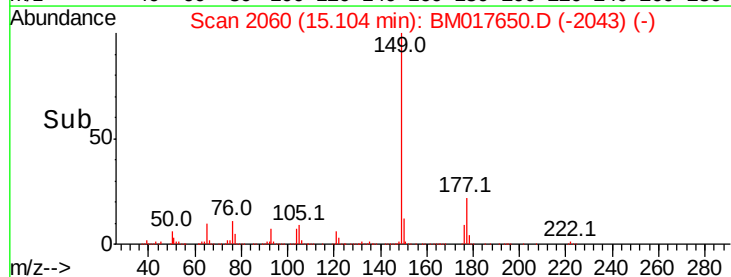


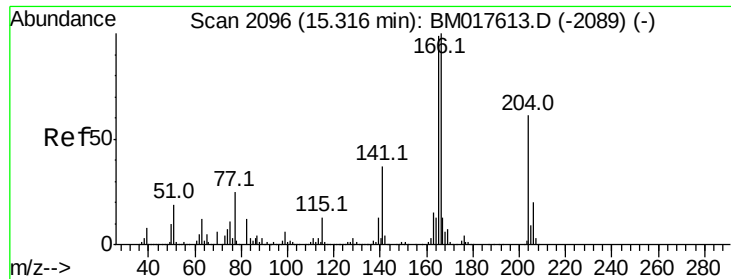
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





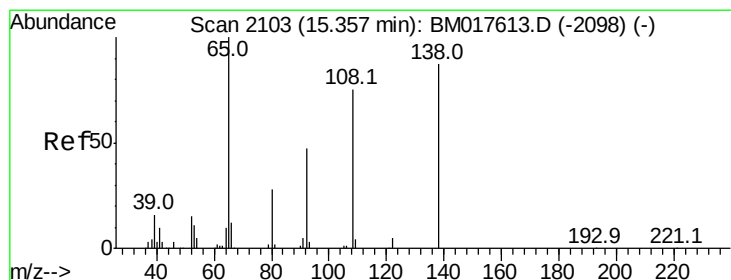
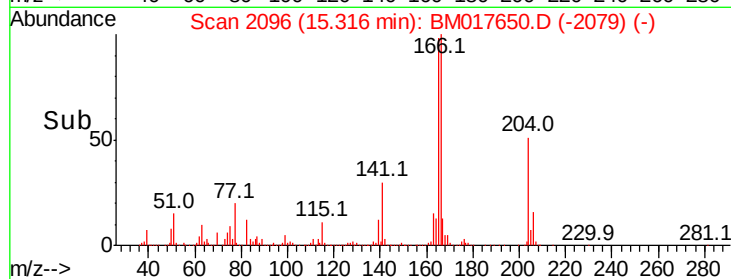
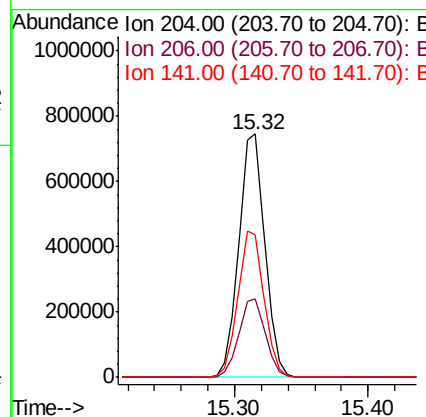
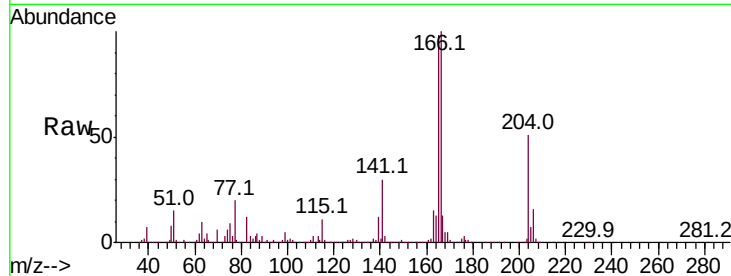
#61
4-Chlorophenyl-phenylether
Concen: 41.971 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion:204 Resp: 1013932
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 58.4 47.9 71.9

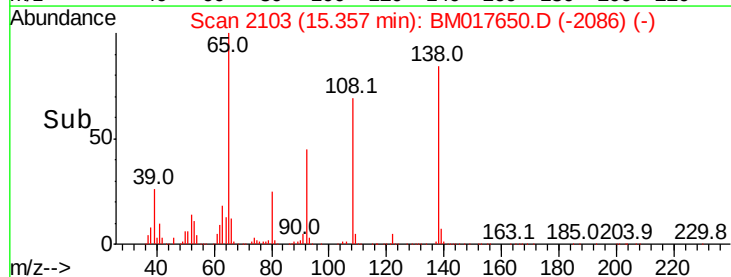
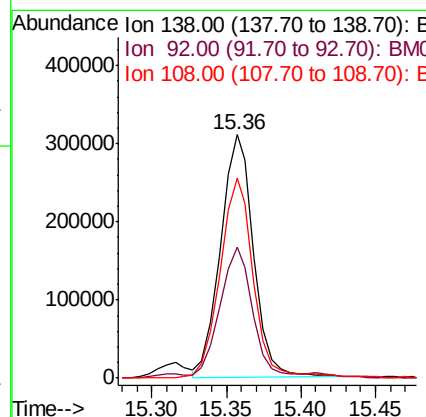
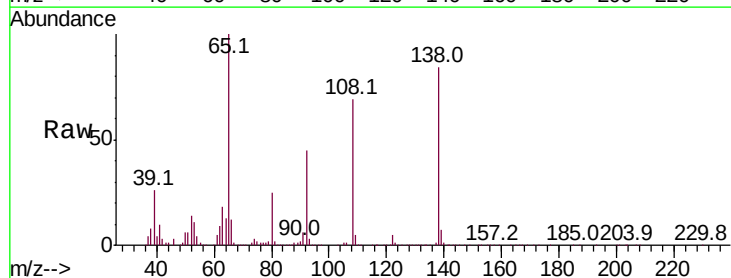
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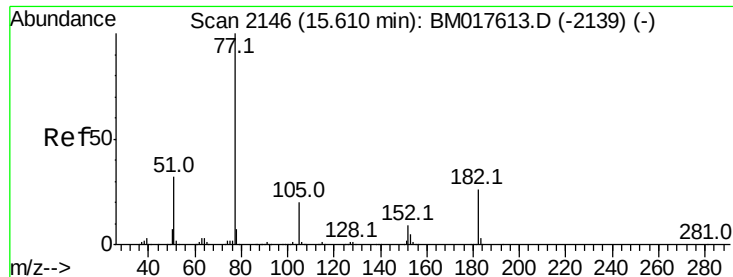
Sohil
11/16/2018 10:17:10 AM



#62
4-Nitroaniline
Concen: 46.407 ng
RT: 15.36 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion:138 Resp: 476946
Ion Ratio Lower Upper
138 100
92 53.8 33.4 73.4
108 82.2 64.3 104.3





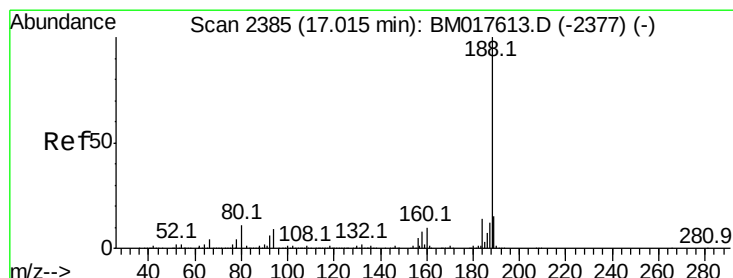
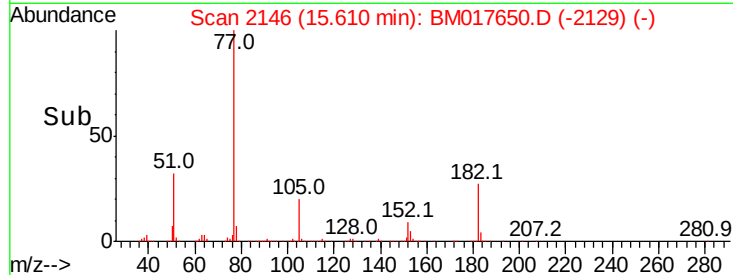
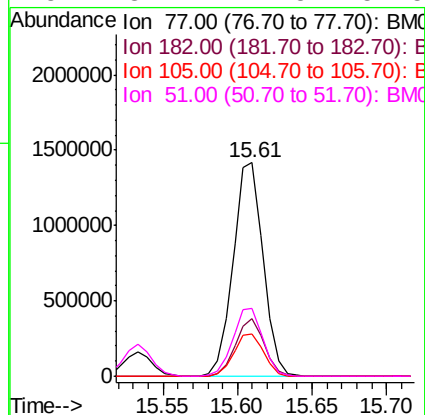
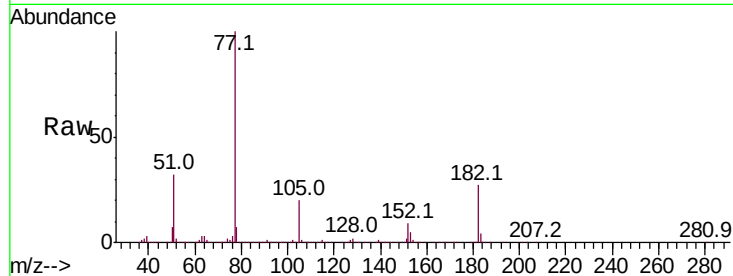
#63
Azobenzene
Concen: 44.135 ng
RT: 15.61 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	5.8	45.8
105	20.1	0.0	40.0
51	32.1	12.5	52.5

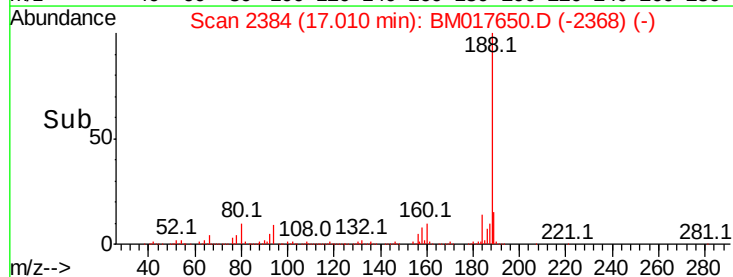
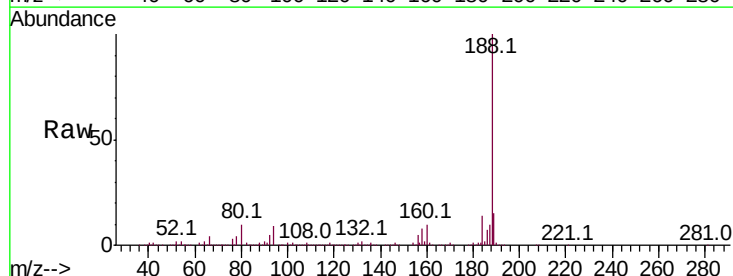
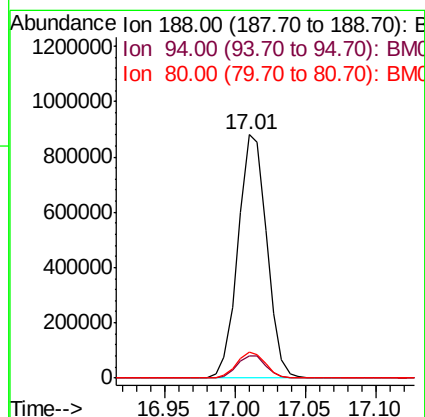
Manual Integrations
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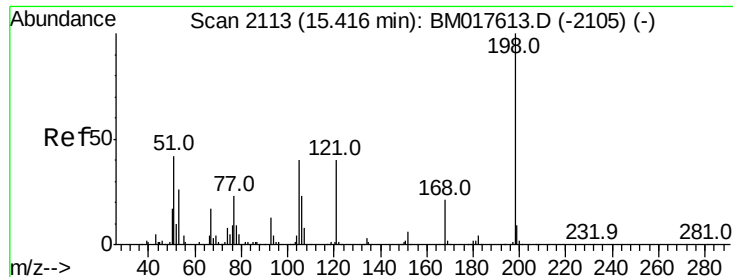
Sohil
11/16/2018 10:17:10 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	10.5	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 34.621 ng

RT: 15.41 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

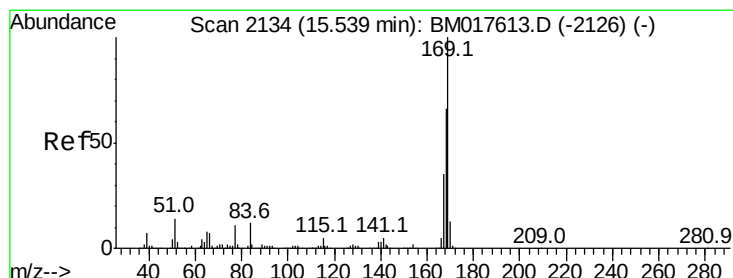
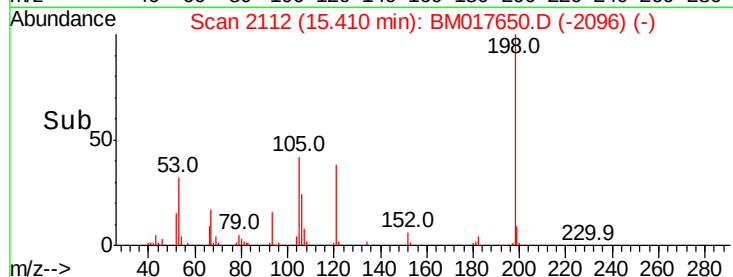
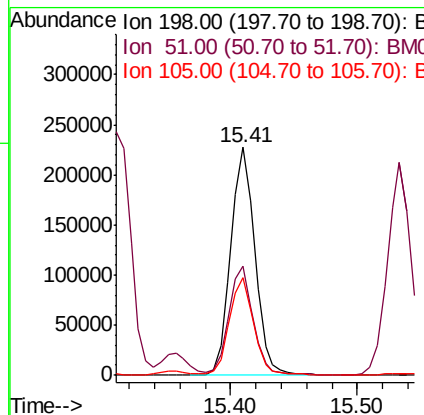
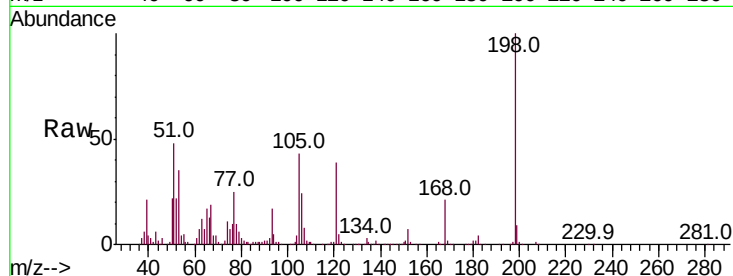
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:	198	Resp:	300325
Ion Ratio	Lower	Upper	
198	100		
51	48.0	25.9	65.9
105	42.6	20.6	60.6

Manual Integrations
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11/16/2018 10:17:10 AM



#66

n-Nitrosodiphenylamine

Concen: 44.343 ng

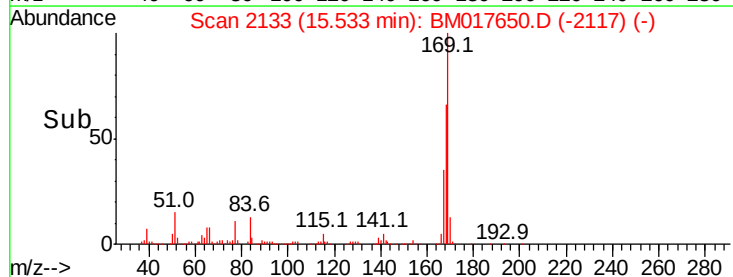
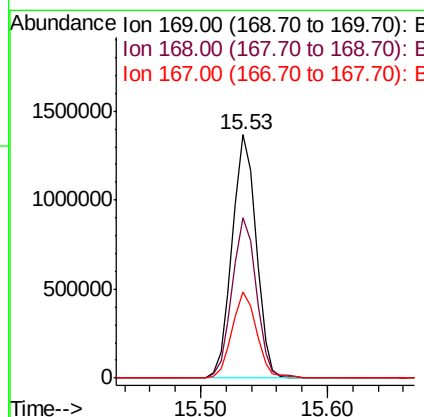
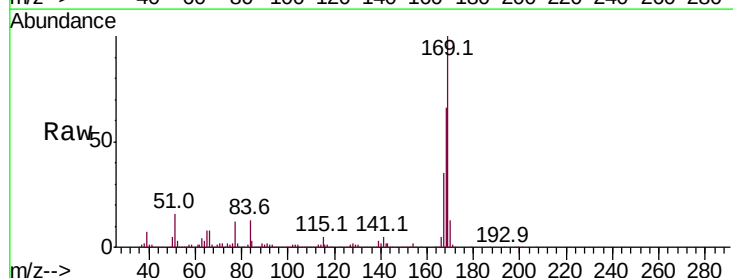
RT: 15.53 min Scan# 2133

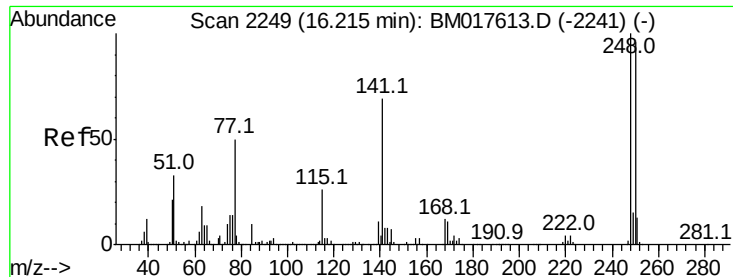
Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion:	169	Resp:	1785213
Ion Ratio	Lower	Upper	
169	100		
168	65.7	53.0	79.6
167	35.3	28.0	42.0





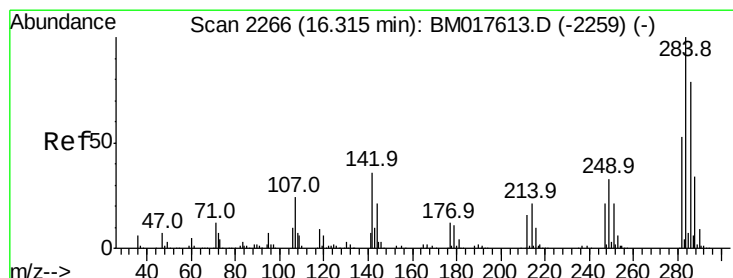
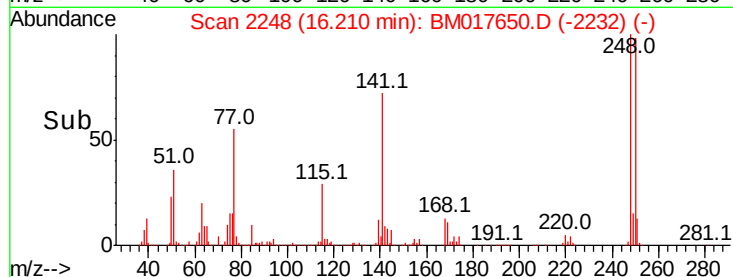
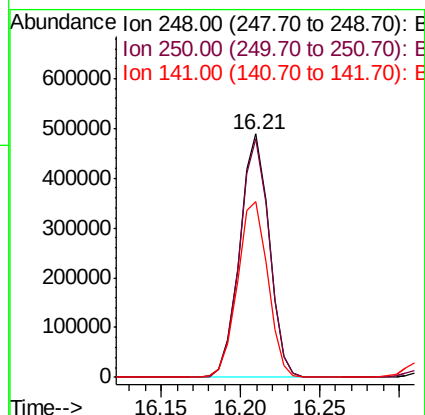
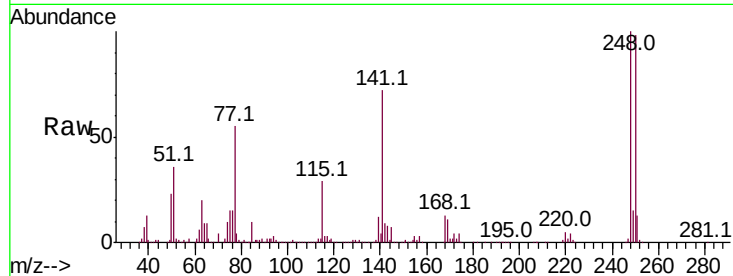
#67
4-Bromophenyl-phenylether
Concen: 42.468 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.5	114.7
141	72.3	54.9	82.3

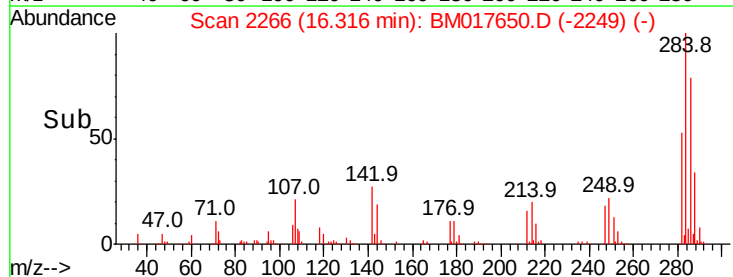
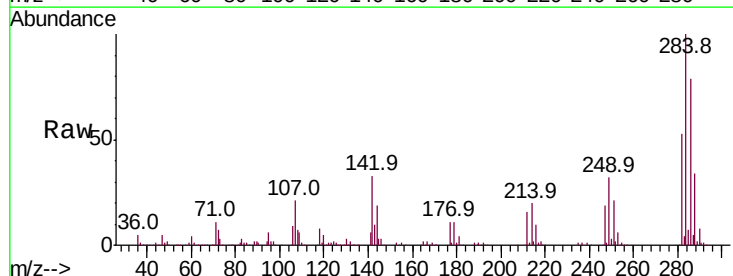
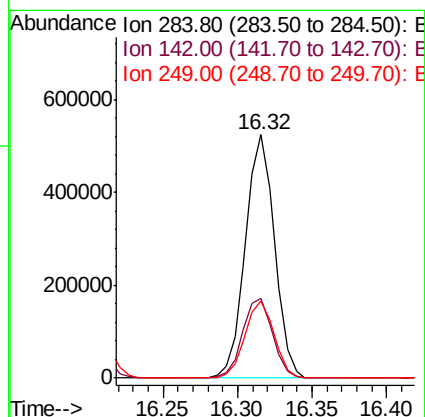
Manual Integrations
APPROVED

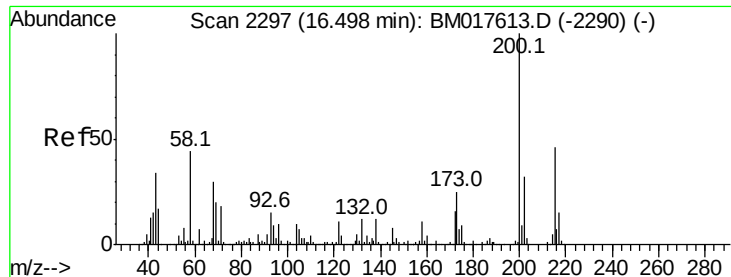
Sohil
11/16/2018 10:17:10 AM



#68
Hexachlorobenzene
Concen: 42.284 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	28.4	42.6
249	31.8	26.4	39.6





#69

Atrazine

Concen: 43.866 ng

RT: 16.50 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

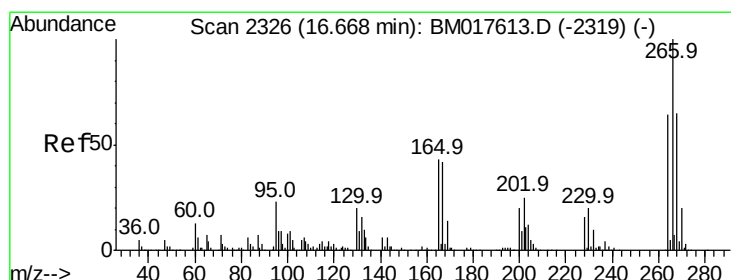
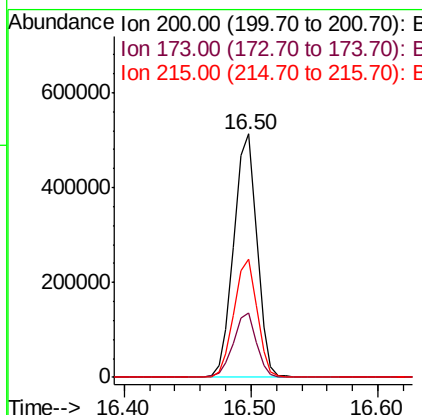
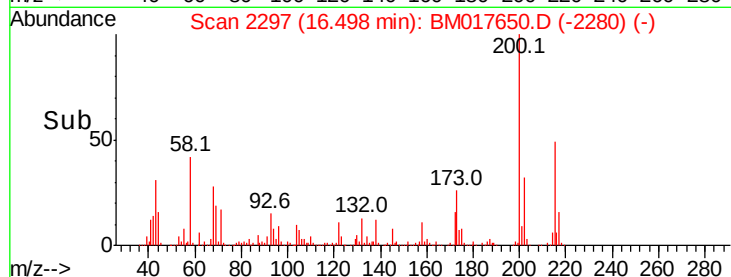
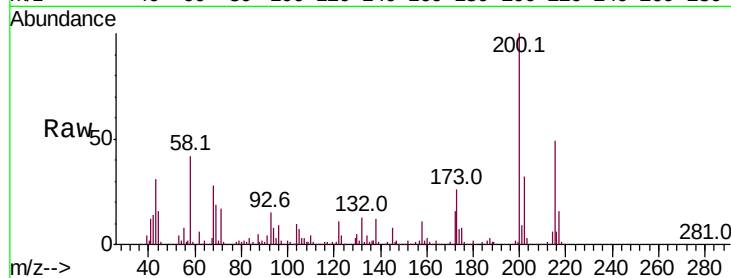
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:	200	Resp:	649537
Ion Ratio	Lower	Upper	
200	100		
173	26.4	5.1	45.1
215	48.8	25.8	65.8

Manual Integrations
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#70

Pentachlorophenol

Concen: 75.993 ng

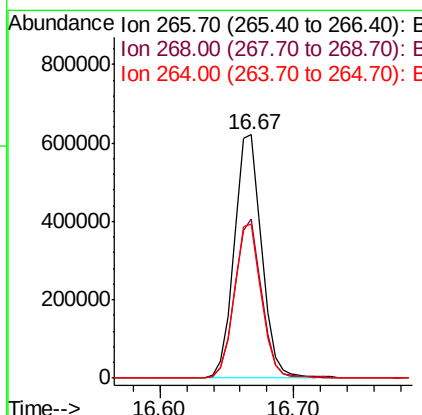
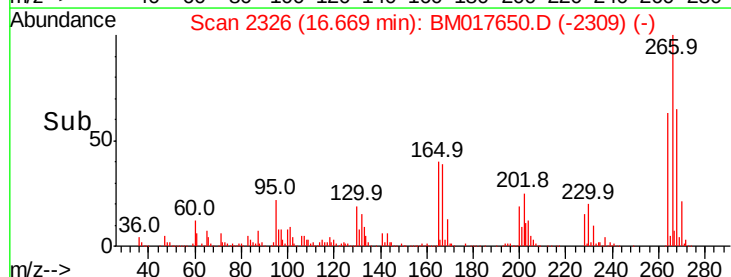
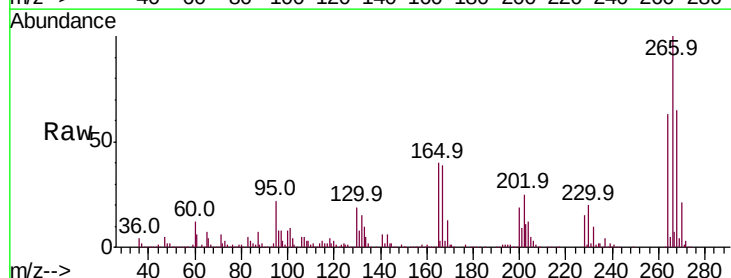
RT: 16.67 min Scan# 2326

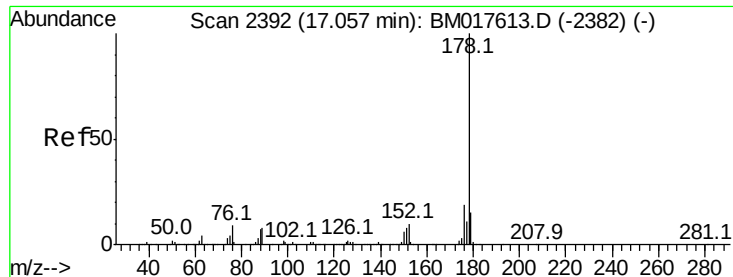
Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion:	266	Resp:	888957
Ion Ratio	Lower	Upper	
266	100		
268	65.4	51.7	77.5
264	63.2	51.3	76.9





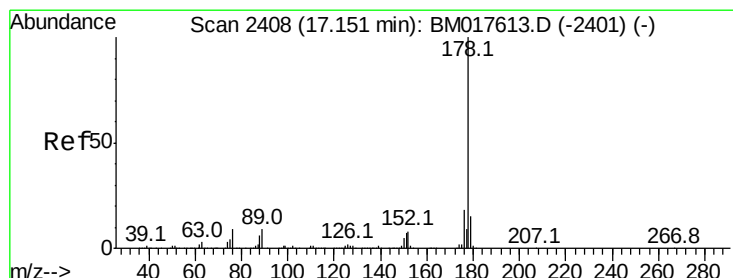
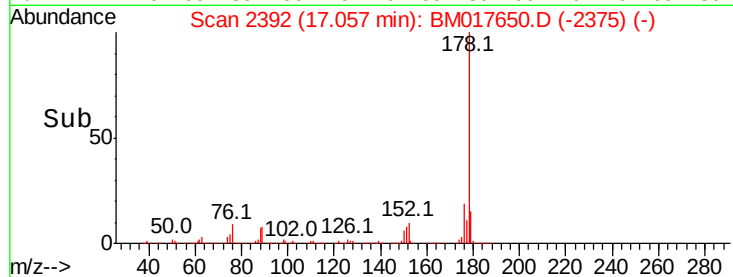
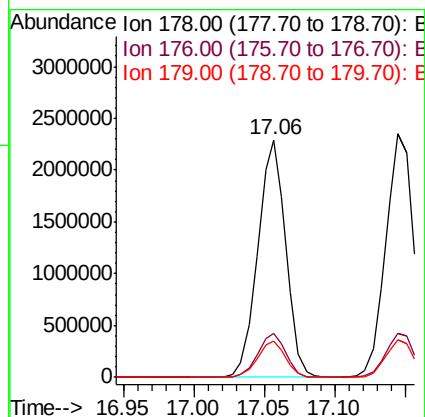
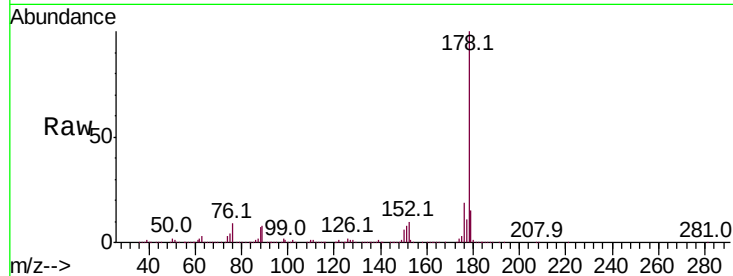
#71
Phenanthrene
Concen: 46.816 ng
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.4	18.6

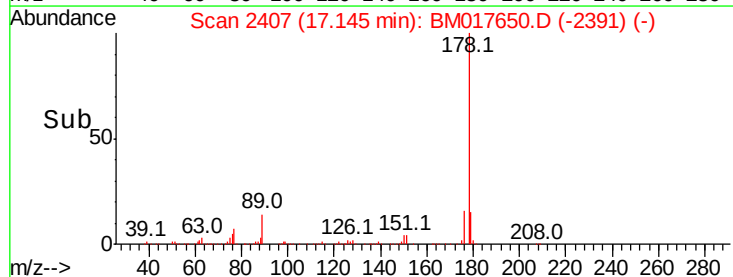
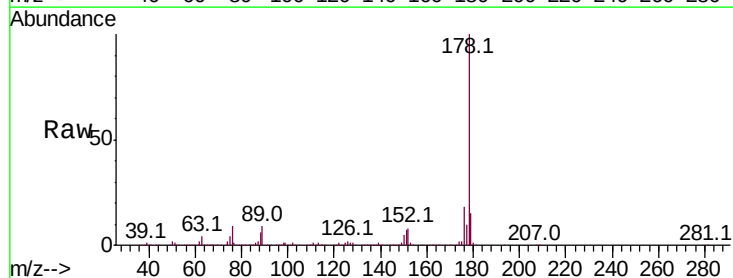
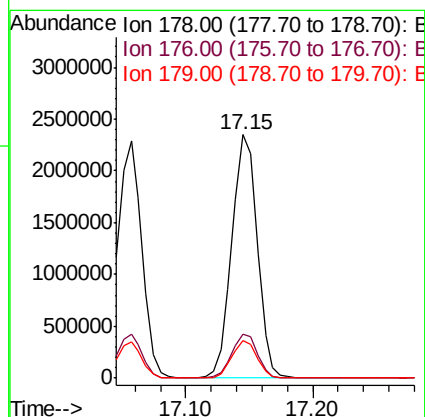
Manual Integrations
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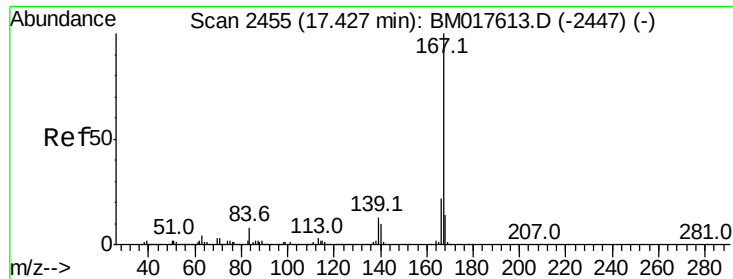
Sohil
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#72
Anthracene
Concen: 49.008 ng
RT: 17.15 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.4	12.3	18.5





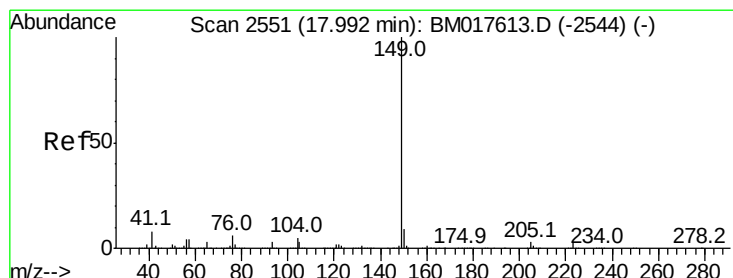
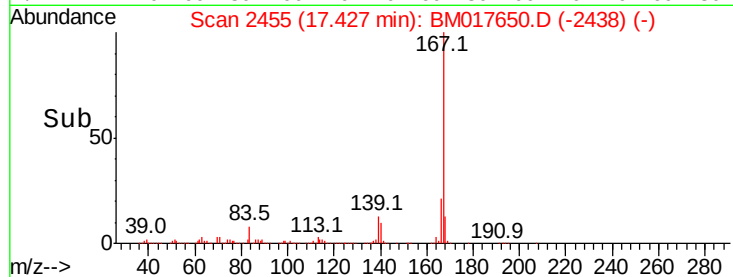
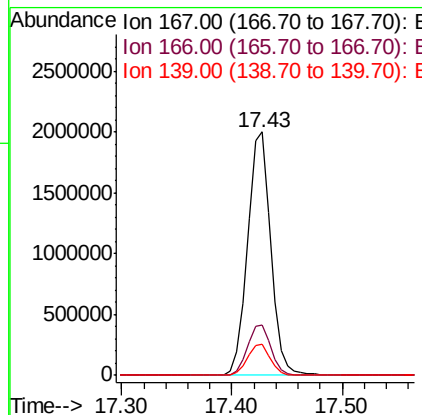
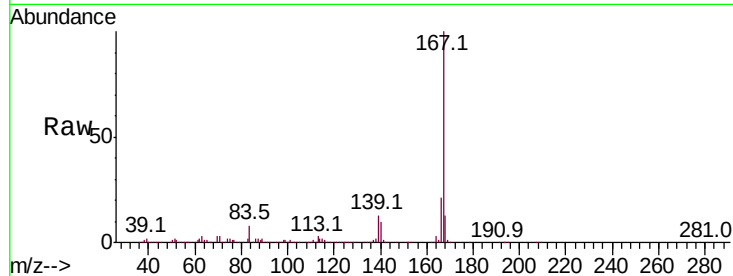
#73
 Carbazole
 Concen: 44.138 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM017650.D
 Acq: 14 Nov 2018 16:49

Instrument :
 BNA_M
 ClientSampleId :
 FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	12.7	10.2	15.4

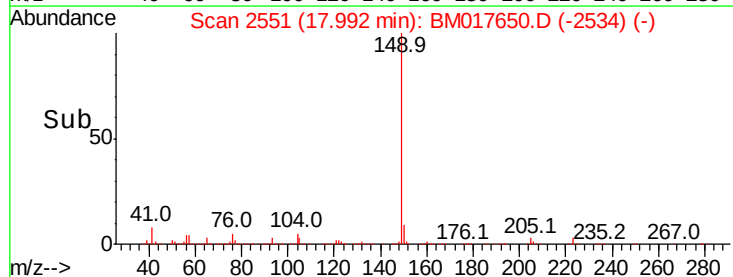
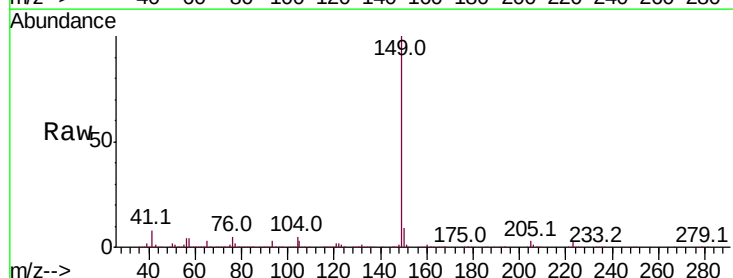
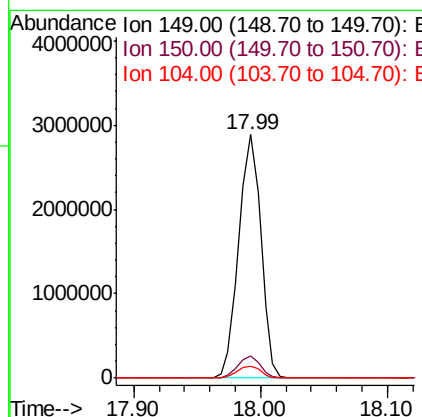
Manual Integrations
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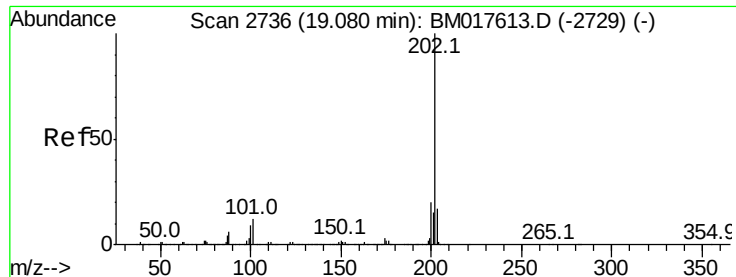
Sohil
 11/16/2018 10:17:10 AM



#74
 Di-n-butylphthalate
 Concen: 47.013 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BM017650.D
 Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 47.993 ng

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

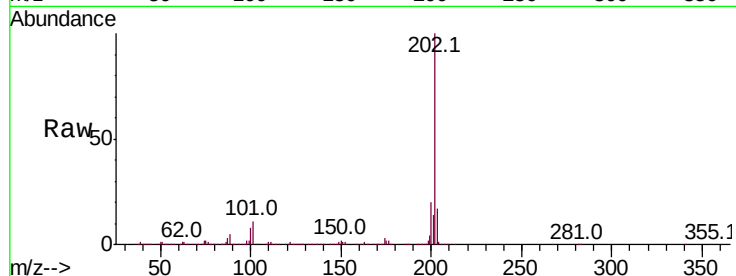
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.5
203	16.8	0.0	37.2

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11/16/2018 10:17:10 AM

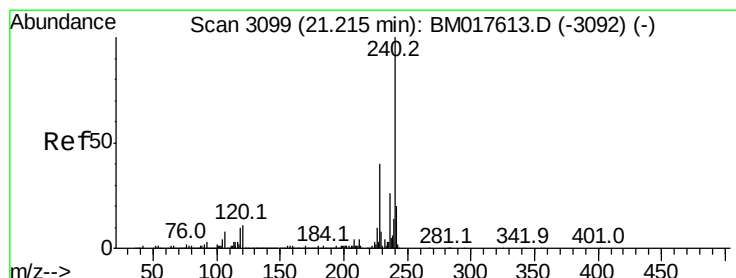
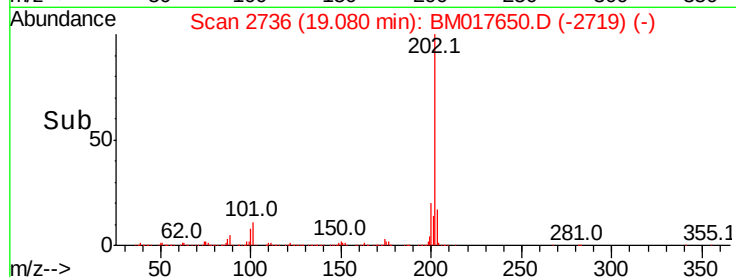
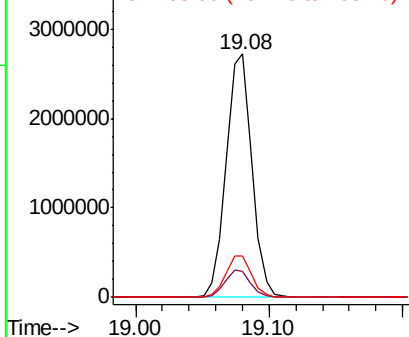


Abundance

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

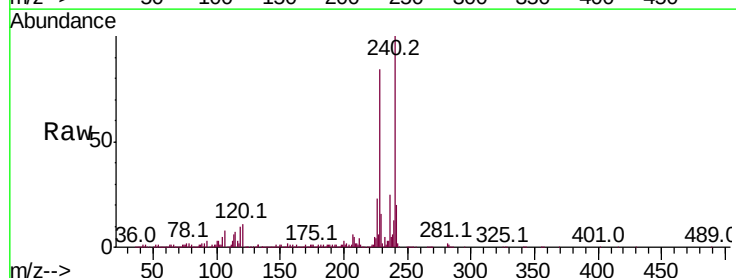
RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.5	12.7
236	25.3	20.4	30.6

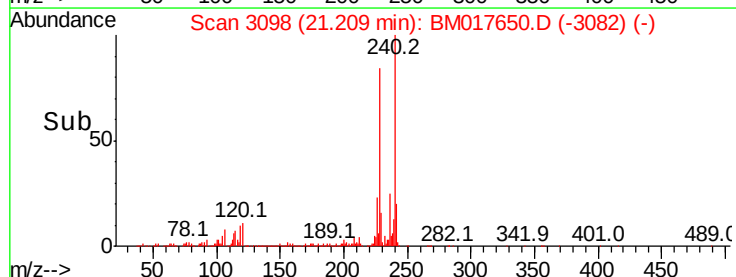
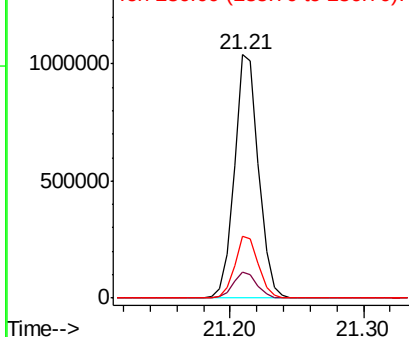


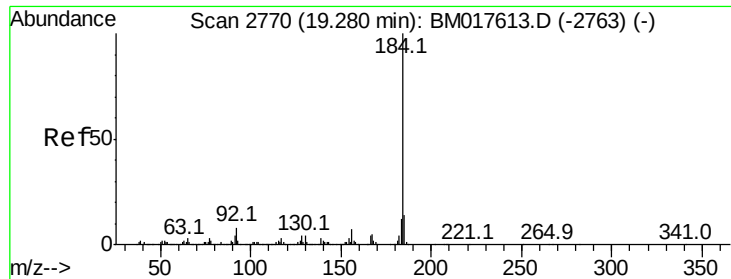
Abundance

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





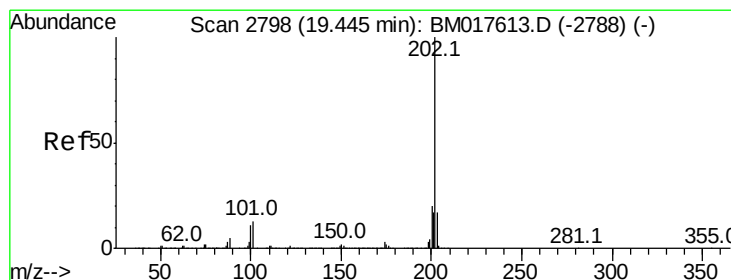
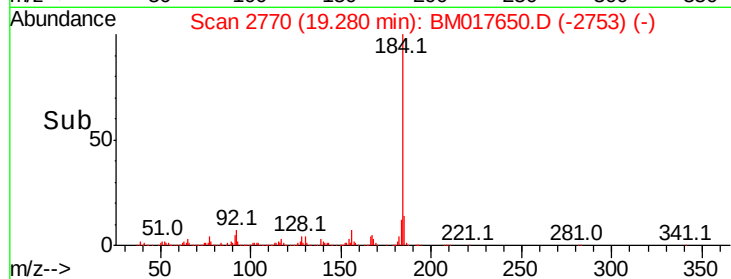
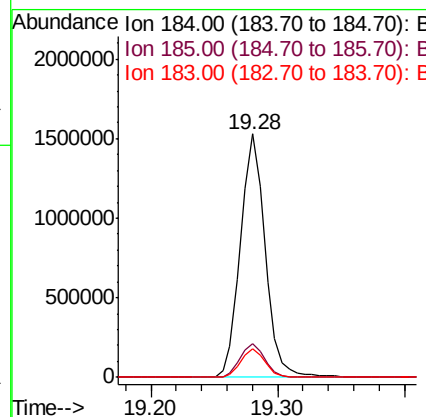
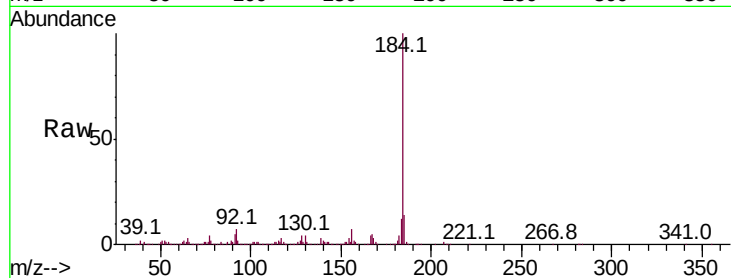
#77
Benzidine
Concen: 48.756 ng
RT: 19.28 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	11.8	9.5	14.3

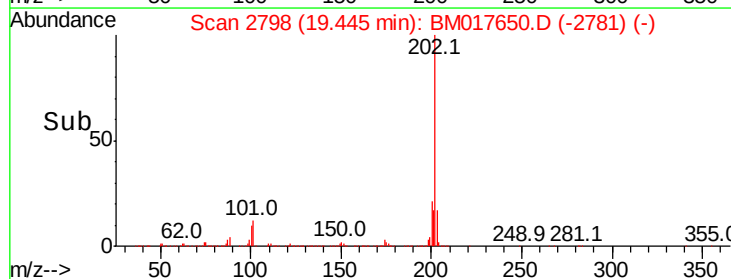
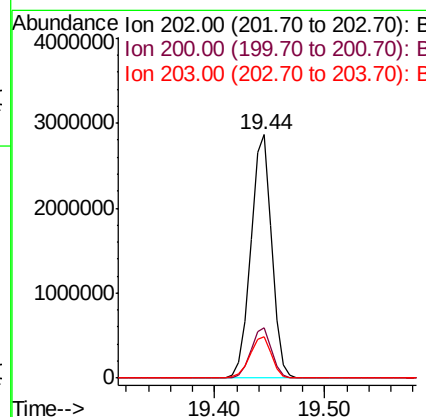
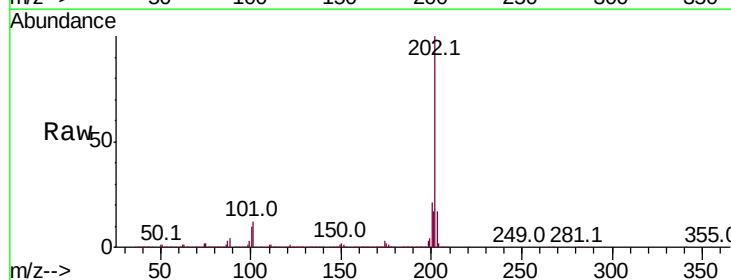
Manual Integrations
APPROVED

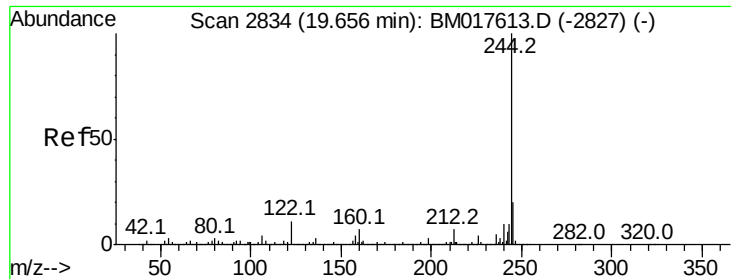
Sohil
11/16/2018 10:17:10 AM



#78
Pyrene
Concen: 47.192 ng
RT: 19.44 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.2	13.8	20.8





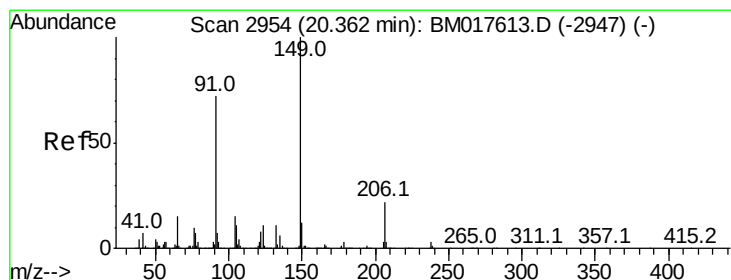
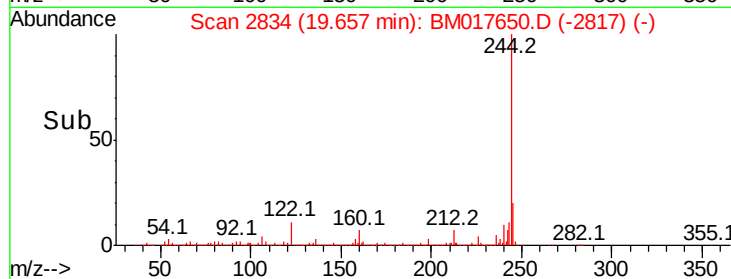
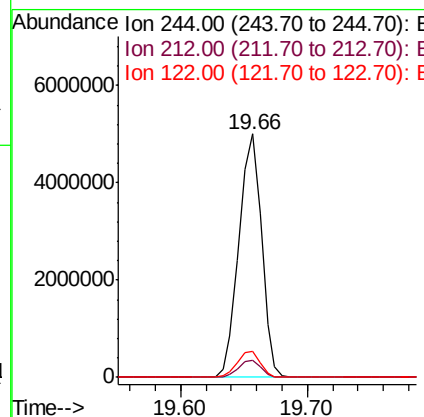
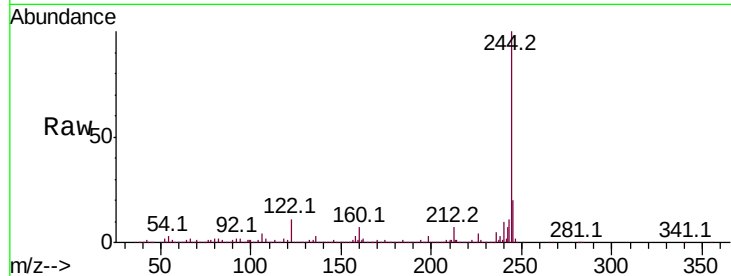
#79
 Terphenyl-d14
 Concen: 107.232 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM017650.D
 Acq: 14 Nov 2018 16:49

Instrument :
 BNA_M
 ClientSampleId :
 FDSB-05(25-27)MSD

Tot Ion:244 Resp: 6168467
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.7 9.0 13.6

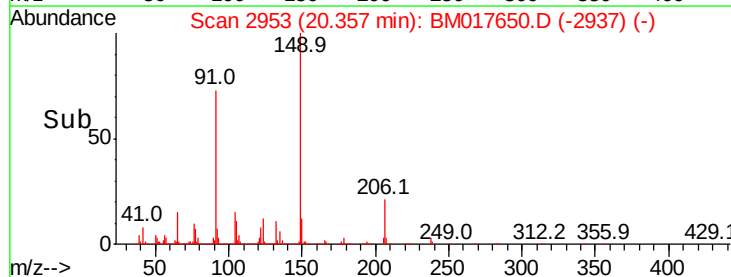
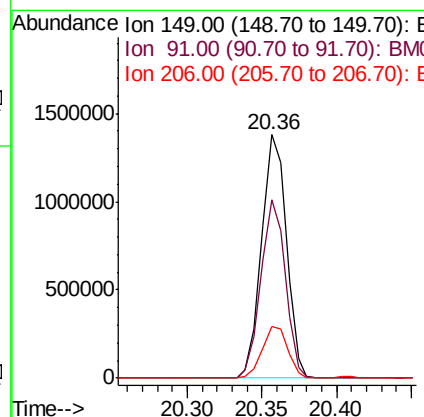
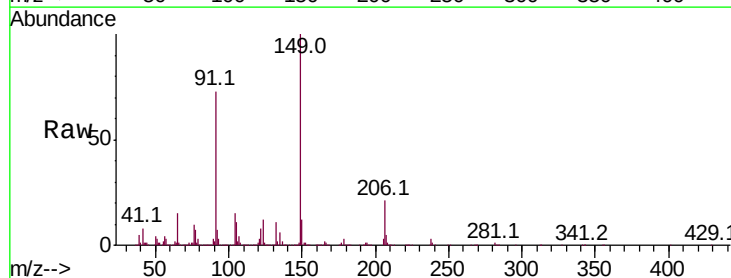
Manual Integrations
 APPROVED

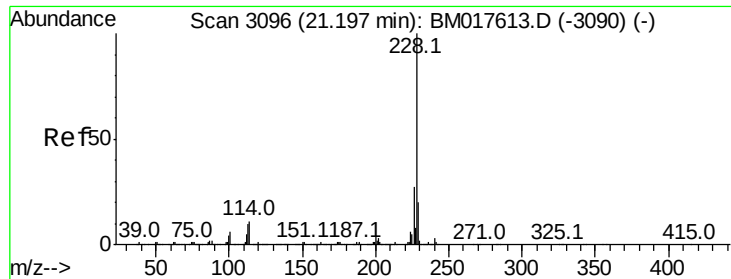
Sohil
 11/16/2018 10:17:10 AM



#80
 Butylbenzylphthalate
 Concen: 48.304 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017650.D
 Acq: 14 Nov 2018 16:49

Tgt Ion:149 Resp: 1578216
 Ion Ratio Lower Upper
 149 100
 91 73.2 57.6 86.4
 206 21.4 17.4 26.0





#81

Benzo(a)anthracene

Concen: 47.734 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

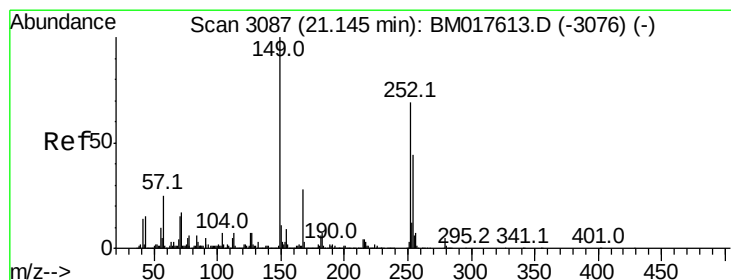
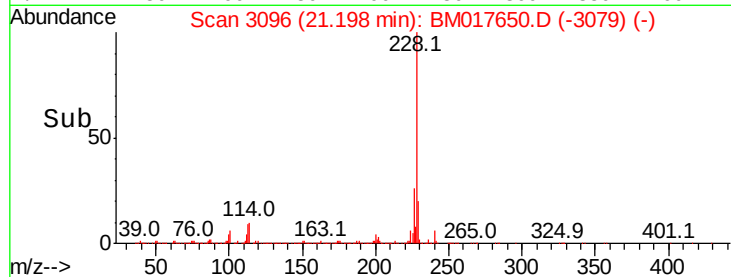
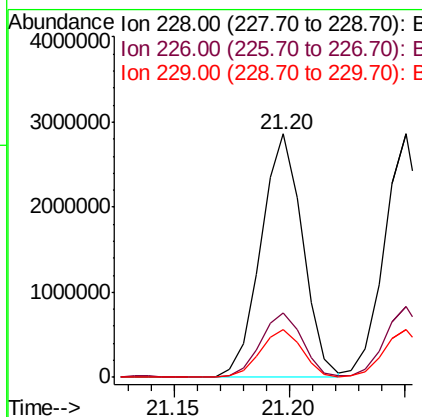
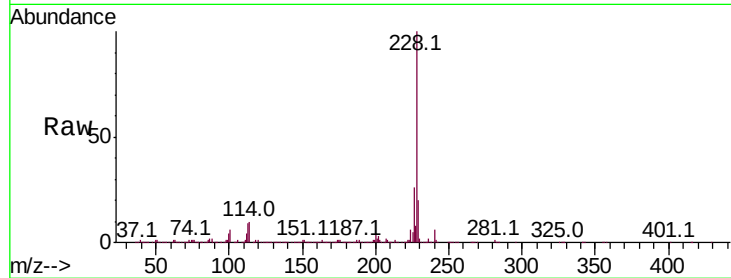
ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:	228	Resp:	3585383
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	19.6	16.0	24.0

Manual Integrations
APPROVED

Sohil
11/16/2018 10:17:10 AM



#82

3,3'-Dichlorobenzidine

Concen: 36.023 ng

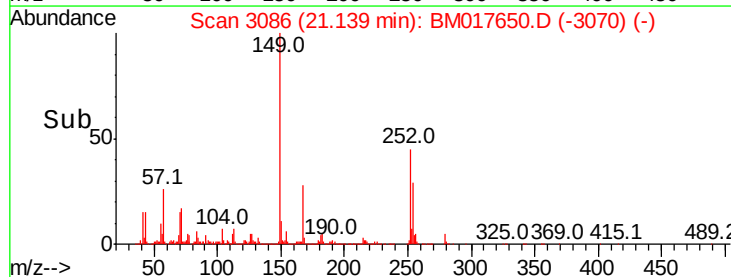
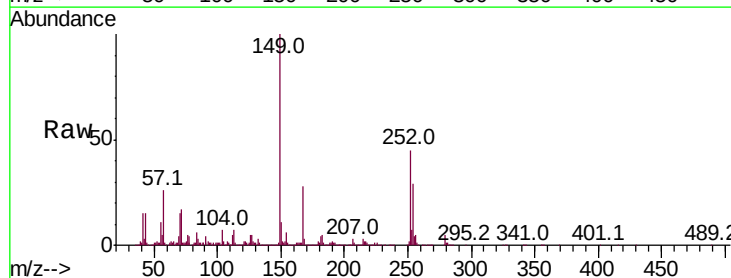
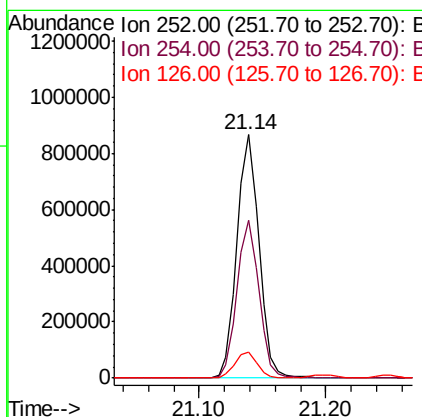
RT: 21.14 min Scan# 3086

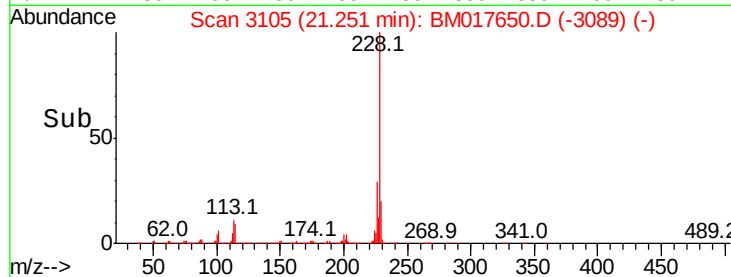
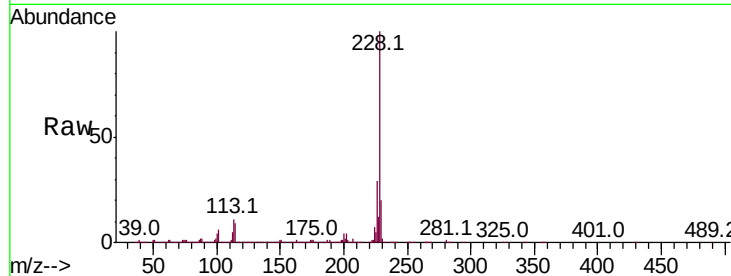
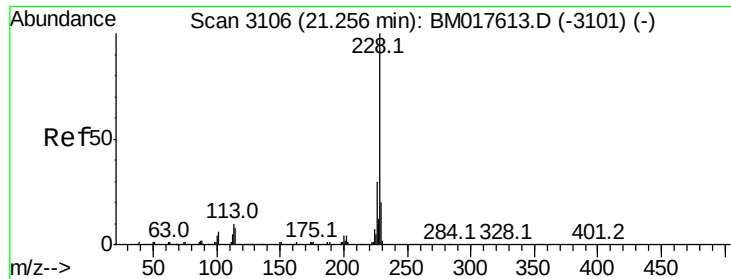
Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Tgt Ion:	252	Resp:	1044266
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	10.7	8.0	12.0





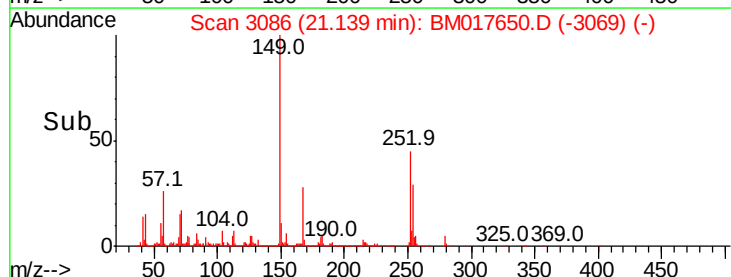
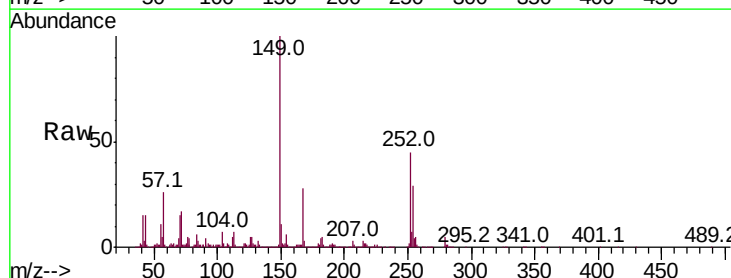
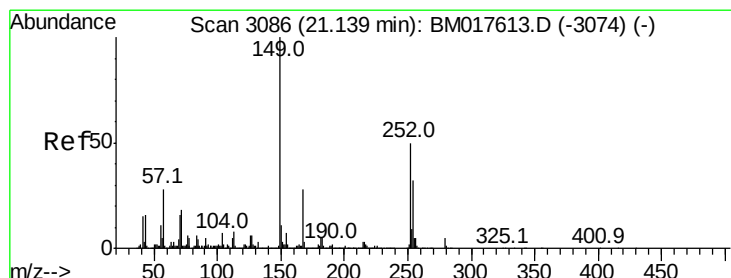
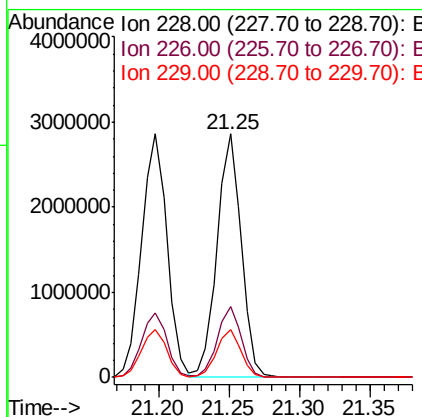
#83
Chrysene
Concen: 46.599 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tot Ion: 228 Resp: 3399507
Ion Ratio Lower Upper
228 100
226 29.1 23.6 35.4
229 19.5 15.8 23.6

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

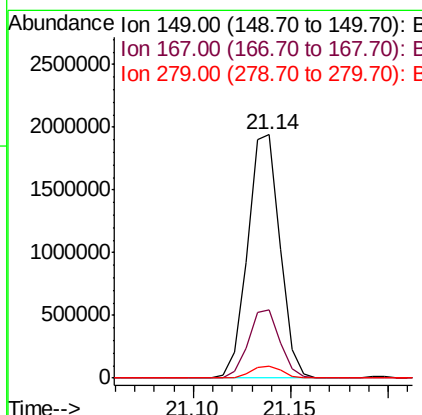
Manual Integrations
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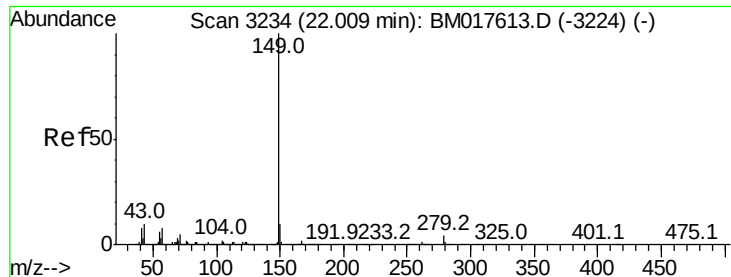
Sohil
11/16/2018 10:17:10 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.975 ng
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion: 149 Resp: 2220608
Ion Ratio Lower Upper
149 100
167 28.2 22.2 33.4
279 5.0 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 47.947 ng

RT: 22.00 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:149 Resp: 3708287

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

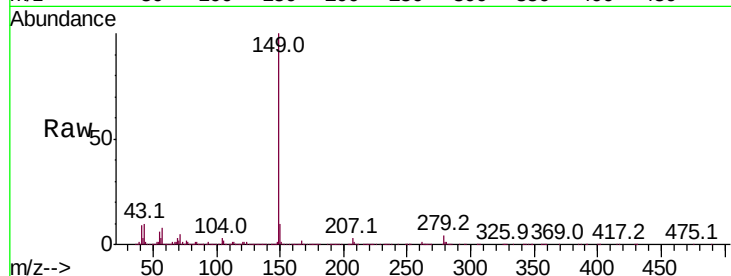
43 10.3 8.3 12.5

Manual Integrations

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Sohil

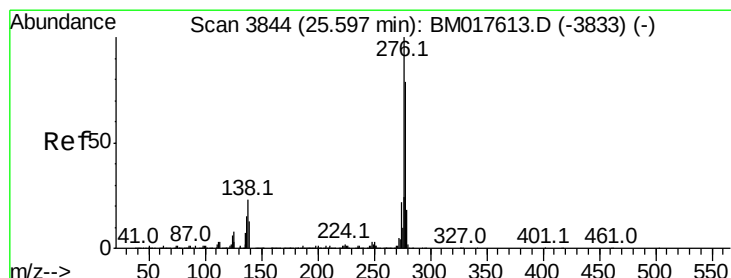
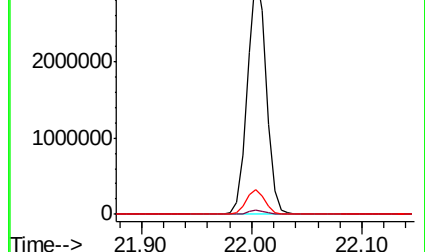
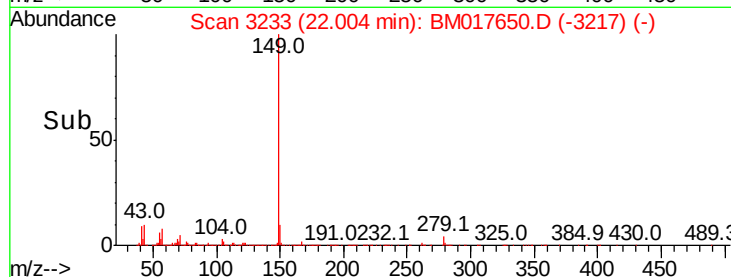
11/16/2018 10:17:10 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.641 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

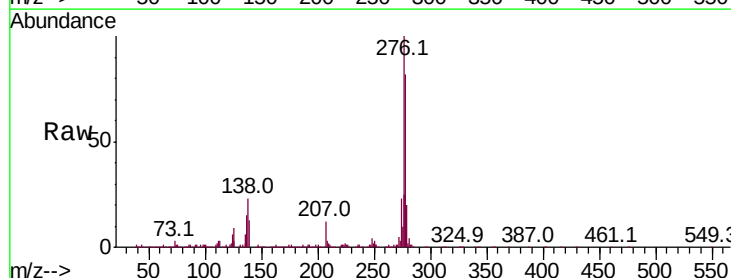
Tgt Ion:276 Resp: 2952230

Ion Ratio Lower Upper

276 100

138 23.2 19.1 28.7

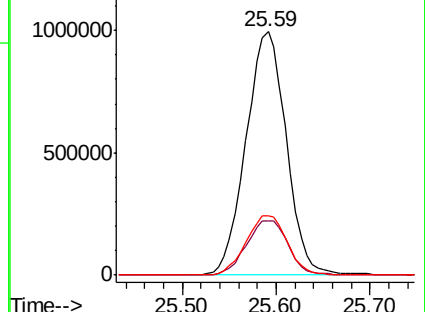
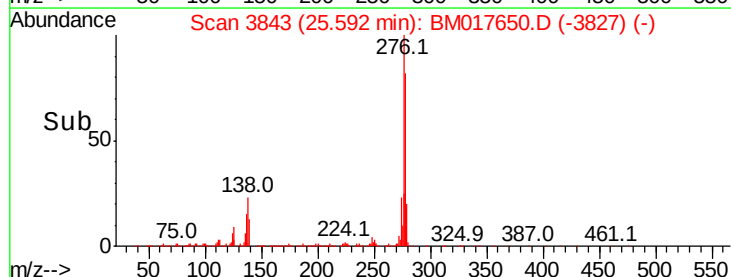
277 25.0 20.0 30.0

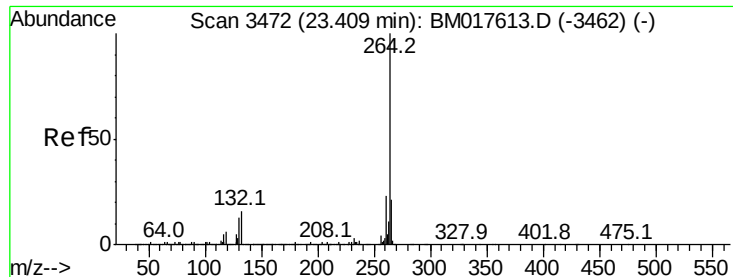


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

Instrument :

BNA_M

ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:264 Resp: 1114769

Ion Ratio Lower Upper

264 100

260 22.0 18.2 27.2

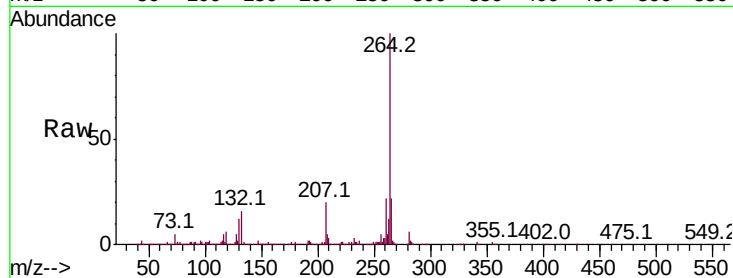
265 22.0 17.5 26.3

Manual Integrations

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Sohil

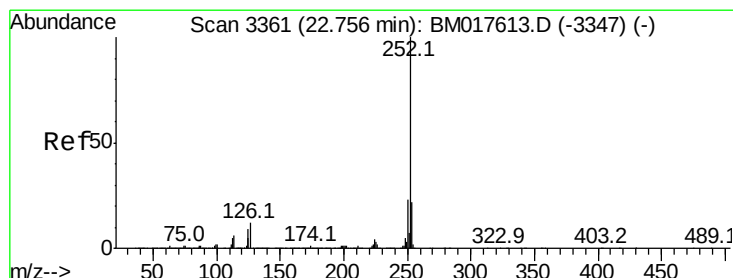
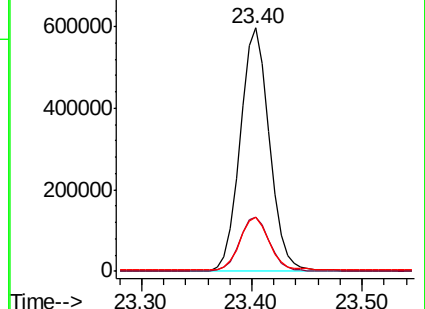
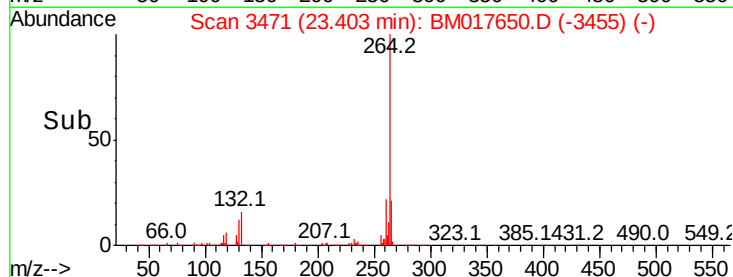
11/16/2018 10:17:10 AM



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: 50.501 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017650.D

Acq: 14 Nov 2018 16:49

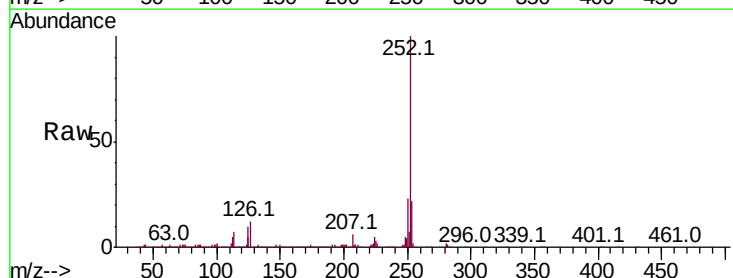
Tgt Ion:252 Resp: 3296944

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

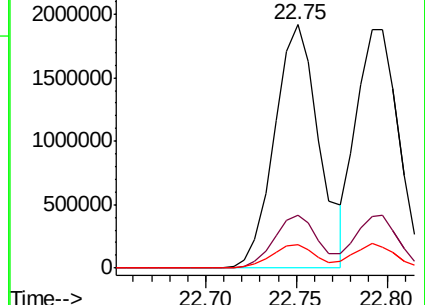
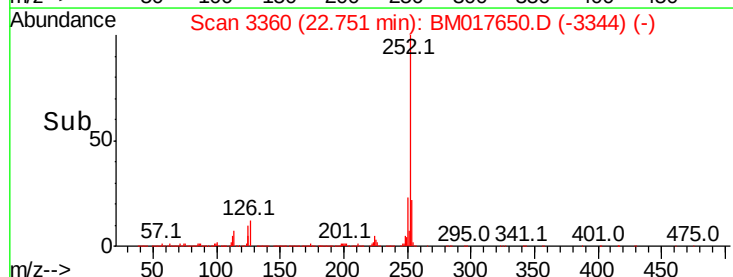
125 9.8 7.6 11.4

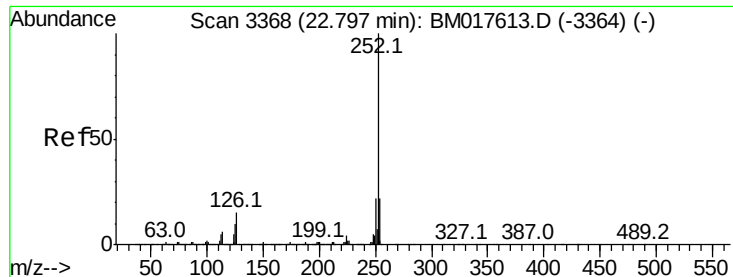


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





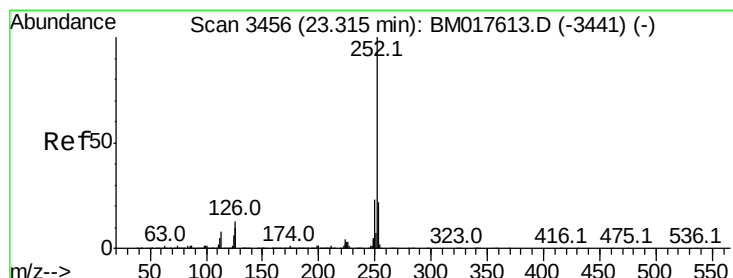
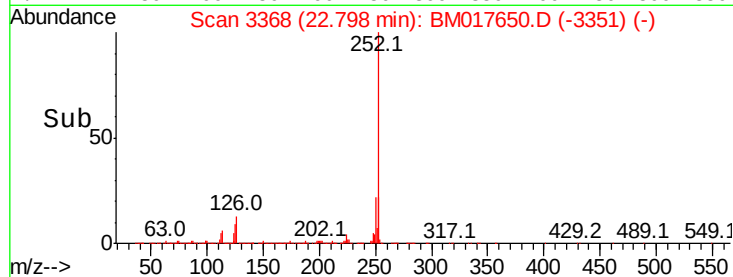
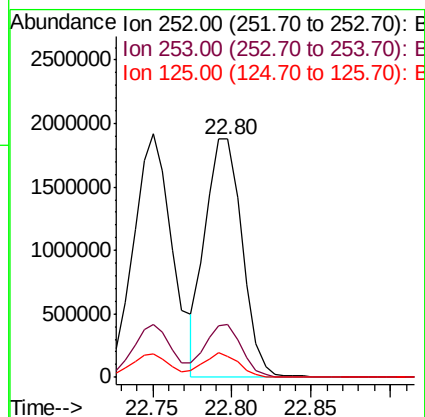
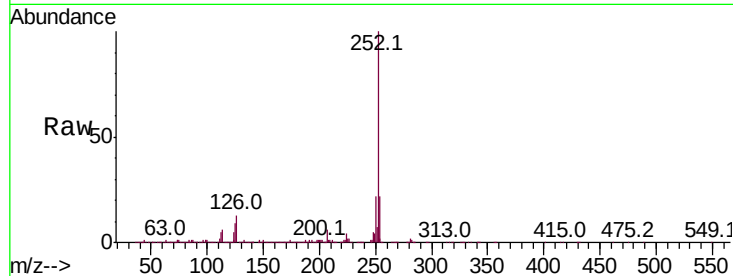
#89
Benzo(k)fluoranthene
Concen: 46.023 ng
RT: 22.80 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.0	7.9	11.9

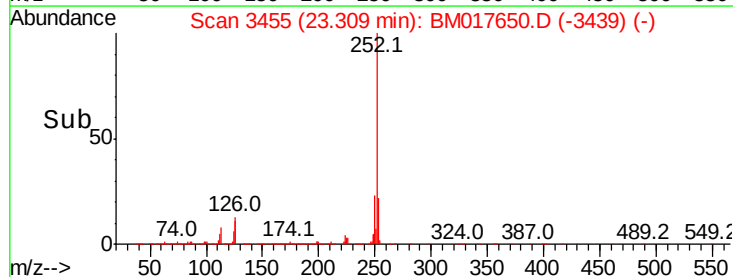
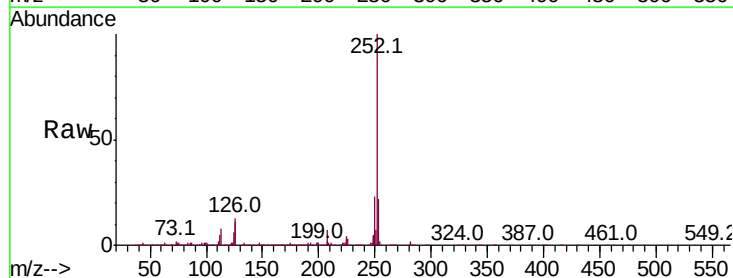
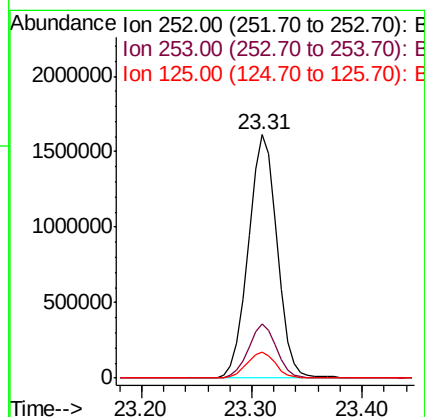
Manual Integrations
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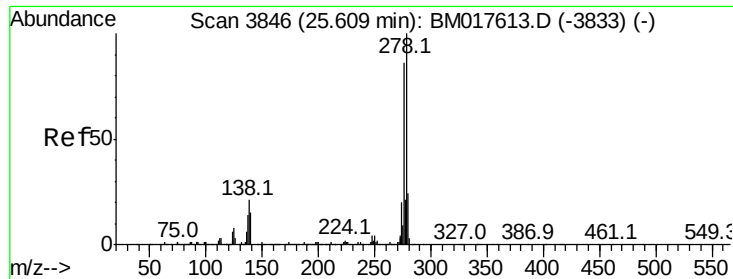
Sohil
11/16/2018 10:17:10 AM



#90
Benzo(a)pyrene
Concen: 49.561 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.7	8.2	12.2





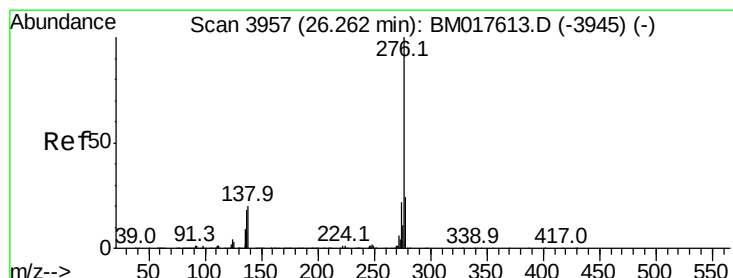
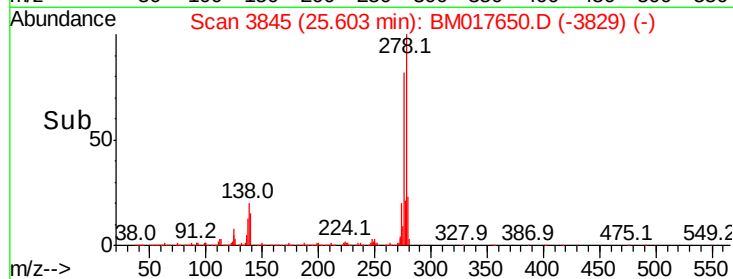
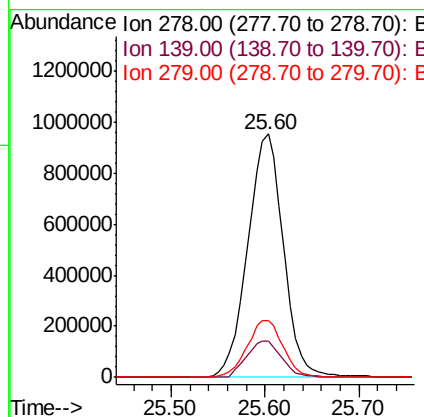
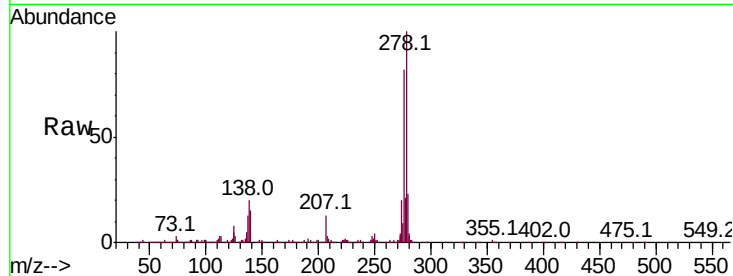
#91
Dibenzo(a,h)anthracene
Concen: 50.011 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.6
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/16/2018 10:17:10 AM



#92
Benzo(g,h,i)perylene
Concen: 50.679 ng
RT: 26.26 min Scan# 3957
Delta R.T. 0.00 min
Lab File: BM017650.D
Acq: 14 Nov 2018 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	18.3	15.9	23.9

