

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016089.D
 Acq On : 27 Jul 2018 01:26
 Operator : SJ/JU
 Sample : IDOC-02
 Misc : FOR HP
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:05:04 PM

Quant Time: Jul 27 06:54:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	73269	20.00	ng	-0.03
21) Naphthalene-d8	11.02	136	302023	20.00	ng	-0.04
38) Acenaphthene-d10	14.83	164	171045	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	380988	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	338642	20.00	ng	-0.02
86) Perylene-d12	24.04	264	251116	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	479983	108.82	ng	-0.02
7) Phenol-d6	7.37	99	630798	109.51	ng	-0.02
23) Nitrobenzene-d5	9.39	82	452336	69.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	255615	117.83	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	981677	69.83	ng	-0.02
78) Terphenyl-d14	20.13	244	1577502	97.51	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	52798	25.548	ng	# 100
3) Pyridine	3.93	79	138661	27.852	ng	# 72
4) n-Nitrosodimethylamine	3.85	42	134507	34.639	ng	# 36
6) Aniline	7.53	93	159088	23.987	ng	90
8) 2-Chlorophenol	7.76	128	172093	32.828	ng	96
9) Benzaldehyde	7.35	77	107282	26.508	ng	89
10) Phenol	7.39	94	198976	34.545	ng	97
11) bis(2-Chloroethyl)ether	7.62	93	137078	30.125	ng	88
12) 1,3-Dichlorobenzene	8.09	146	179001	29.171	ng	# 88
13) 1,4-Dichlorobenzene	8.24	146	182394	29.308	ng	# 95
14) 1,2-Dichlorobenzene	8.56	146	177410	29.135	ng	# 94
15) Benzyl Alcohol	8.46	79	160178	34.923	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.72	45	207985	29.865	ng	97
17) 2-Methylphenol	8.66	107	137284	34.871	ng	# 84
18) Hexachloroethane	9.28	117	82975	30.845	ng	98
19) n-Nitroso-di-n-propylamine	9.02	70	131912	31.331	ng	# 72
20) 3+4-Methylphenols	8.99	107	187514	33.105	ng	86
22) Acetophenone	9.05	105	254279	33.436	ng	# 84
24) Nitrobenzene	9.43	77	209232	32.011	ng	95
25) Isophorone	9.95	82	349197	39.314	ng	# 93
26) 2-Nitrophenol	10.15	139	91328	33.471	ng	# 55
27) 2,4-Dimethylphenol	10.19	122	156581	41.191	ng	# 82
28) bis(2-Chloroethoxy)methane	10.43	93	202471	35.072	ng	98
29) 2,4-Dichlorophenol	10.67	162	162160	35.899	ng	98
30) 1,2,4-Trichlorobenzene	10.89	180	166370	30.313	ng	# 96
31) Naphthalene	11.07	128	514339	33.648	ng	99
32) Benzoic acid	10.37	122	105296m	36.337	ng	
33) 4-Chloroaniline	11.20	127	118070	18.928	ng	# 86
34) Hexachlorobutadiene	11.33	225	114301	30.024	ng	98
35) Caprolactam	12.01	113	46656m	37.292	ng	
36) 4-Chloro-3-methylphenol	12.31	107	182137	36.660	ng	87
37) 2-Methylnaphthalene	12.67	142	378209	36.936	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	185747	31.898	ng	# 100
40) Hexachlorocyclopentadiene	12.99	237	223249	78.286	ng	98

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Instrument :
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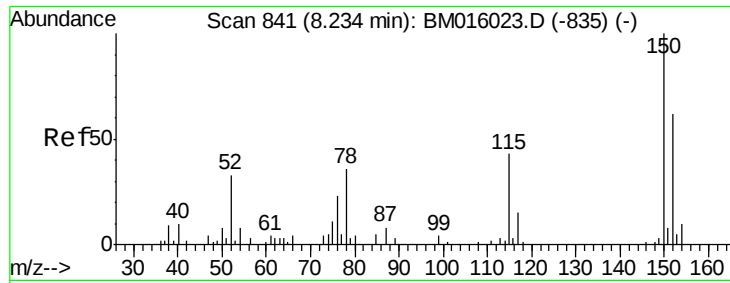
Manual Integrations
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 7/27/2018 2:05:04 PM

Quant Time: Jul 27 06:54:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	129768	35.618	ng	98
43) 2,4,5-Trichlorophenol	13.35	196	136899	36.428	ng	# 81
45) 1,1'-Biphenyl	13.67	154	503331	32.607	ng	99
46) 2-Chloronaphthalene	13.72	162	381015	31.735	ng	# 89
47) 2-Nitroaniline	13.93	65	140557	35.411	ng	# 76
48) Acenaphthylene	14.56	152	646580	36.788	ng	99
49) Dimethylphthalate	14.29	163	528208	35.287	ng	98
50) 2,6-Dinitrotoluene	14.43	165	107603	35.727	ng	# 62
51) Acenaphthene	14.90	154	368411	34.082	ng	98
52) 3-Nitroaniline	14.76	138	69126	21.249	ng	# 72
53) 2,4-Dinitrophenol	14.97	184	55960	46.079	ng	# 70
54) Dibenzofuran	15.23	168	603757	33.894	ng	# 79
55) 4-Nitrophenol	15.06	139	167514	71.831	ng	# 83
56) 2,4-Dinitrotoluene	15.22	165	157122	36.485	ng	90
57) Fluorene	15.87	166	491126	37.103	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	122523	37.931	ng	# 100
59) Diethylphthalate	15.63	149	582975	36.132	ng	95
60) 4-Chlorophenyl-phenylether	15.86	204	244011	33.114	ng	# 83
61) 4-Nitroaniline	15.92	138	99657	31.929	ng	# 15
62) Azobenzene	16.15	77	628373	36.980	ng	# 76
64) 4,6-Dinitro-2-methylphenol	15.97	198	57092	24.689	ng	# 83
65) n-Nitrosodiphenylamine	16.08	169	422908	33.710	ng	96
66) 4-Bromophenyl-phenylether	16.74	248	143770	33.326	ng	# 72
67) Hexachlorobenzene	16.87	284	152605	32.122	ng	# 68
68) Atrazine	17.02	200	154222	34.300	ng	98
69) Pentachlorophenol	17.22	266	161550	54.914	ng	98
70) Phenanthrene	17.60	178	745418	34.947	ng	99
71) Anthracene	17.70	178	764362	36.871	ng	98
72) Carbazole	17.97	167	672683	31.322	ng	# 95
73) Di-n-butylphthalate	18.49	149	980473	36.638	ng	# 97
74) Fluoranthene	19.59	202	827053	34.760	ng	99
76) Benzidine	19.77	184	375835	39.716	ng	98
77) Pyrene	19.95	202	833244	41.059	ng	99
79) Butylbenzylphthalate	20.81	149	426714	41.391	ng	# 82
80) Benzo(a)anthracene	21.67	228	745242	35.731	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	141210	16.809	ng	99
82) Chrysene	21.72	228	683468	34.161	ng	98
83) Bis(2-ethylhexyl)phthalate	21.56	149	603038	40.361	ng	94
84) Di-n-octyl phthalate	22.46	149	886182	35.291	ng	# 89
85) Indeno(1,2,3-cd)pyrene	26.46	276	568813	23.958	ng	# 94
87) Benzo(b)fluoranthene	23.33	252	582807	39.418	ng	# 95
88) Benzo(k)fluoranthene	23.37	252	549132	36.648	ng	98
89) Benzo(a)pyrene	23.94	252	523708	36.846	ng	100
90) Dibenzo(a,h)anthracene	26.46	278	481880	32.723	ng	# 97
91) Benzo(g,h,i)perylene	27.20	276	458154	32.894	ng	# 94

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



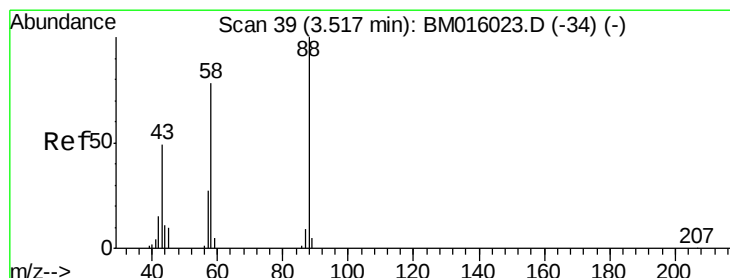
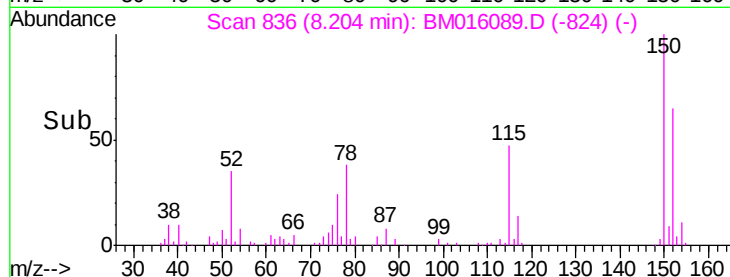
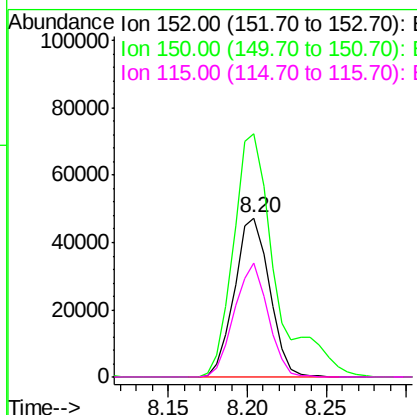
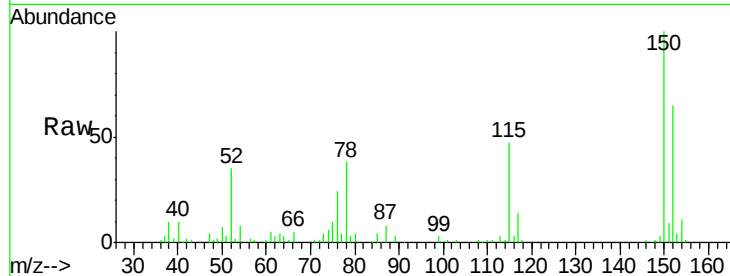
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleID :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.5	179.3
115	71.8	43.0	64.4

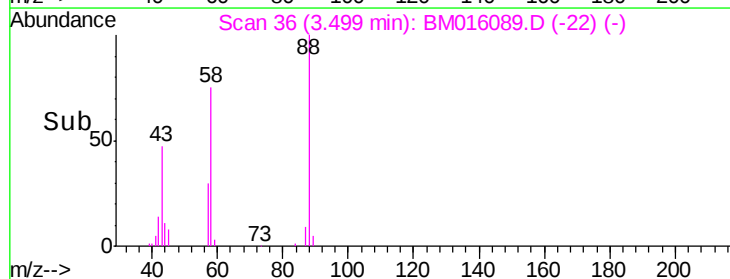
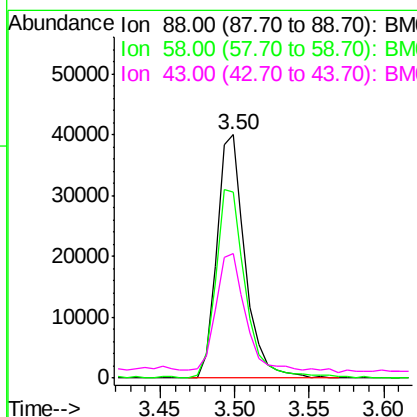
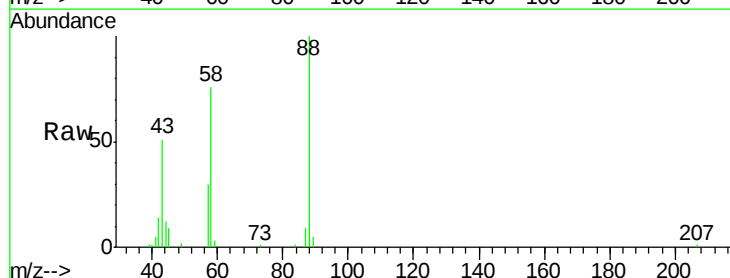
Manual Integrations
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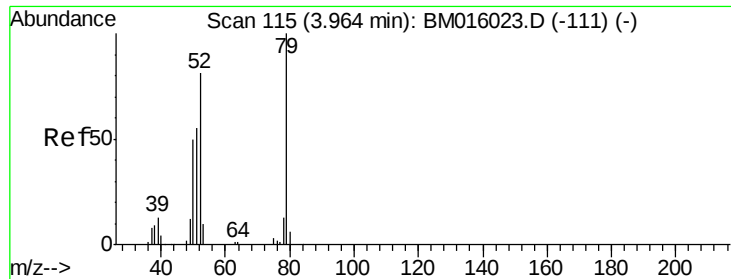
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#2
 1,4-Dioxane
 Concen: 25.548 ng
 RT: 3.50 min Scan# 36
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	0.0	0.0
43	53.4	0.0	0.0





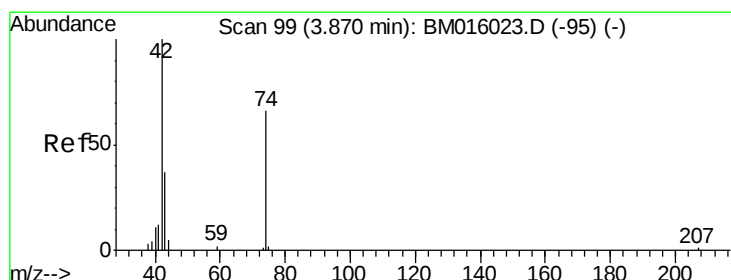
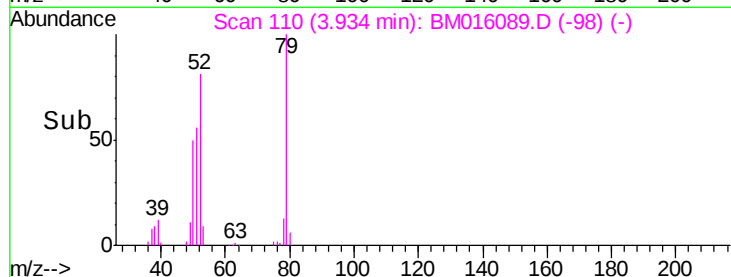
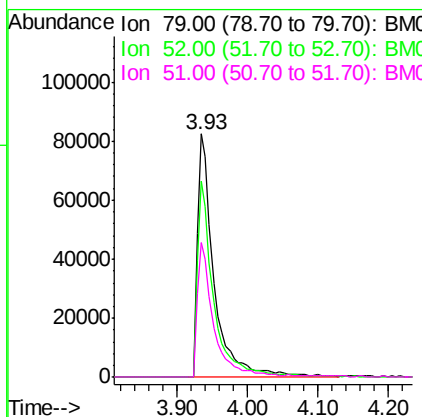
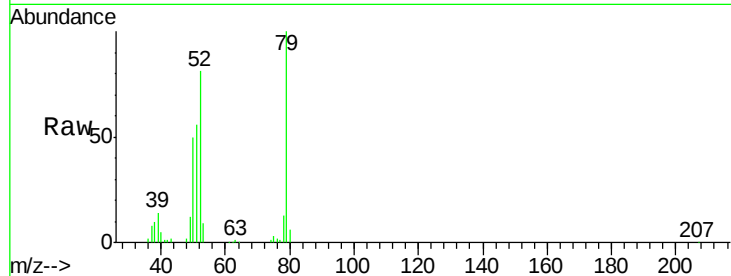
#3
 Pyridine
 Concen: 27.852 ng
 RT: 3.93 min Scan# 110
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.6	51.1	76.7#
51	55.6	26.1	39.1#

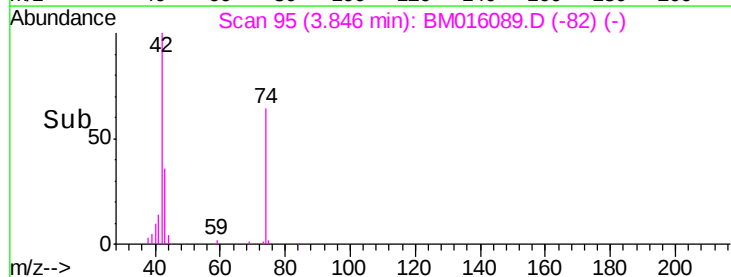
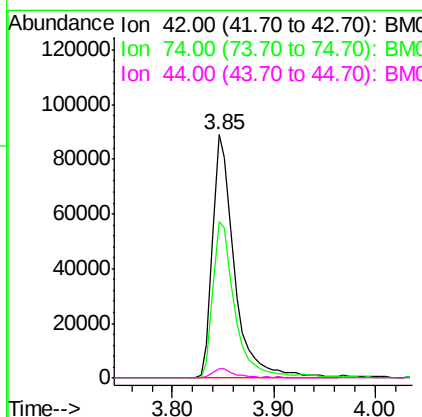
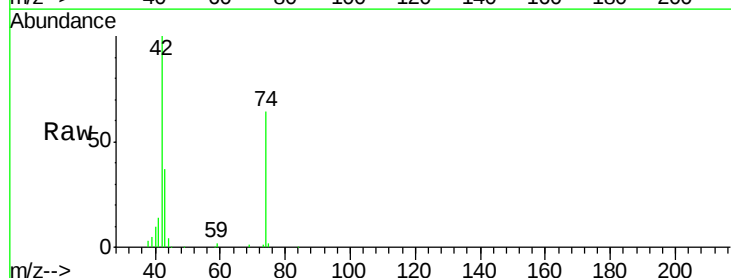
Manual Integrations
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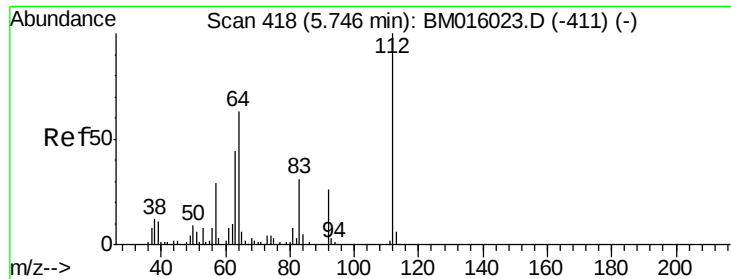
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 7/27/2018 2:05:04 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.639 ng
 RT: 3.85 min Scan# 95
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	64.3	119.3	178.9#
44	4.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 34.639 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

ClientSampleId :

IDOC-02

Tgt Ion: 112 Resp: 479983

Ion Ratio Lower Upper

112 100

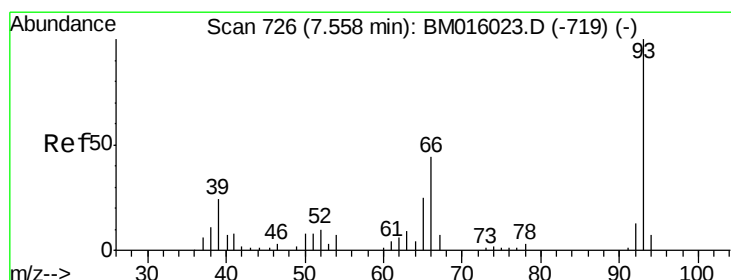
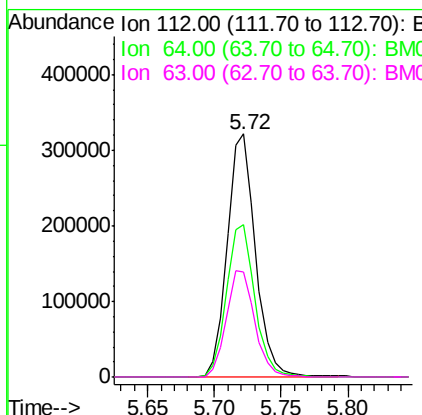
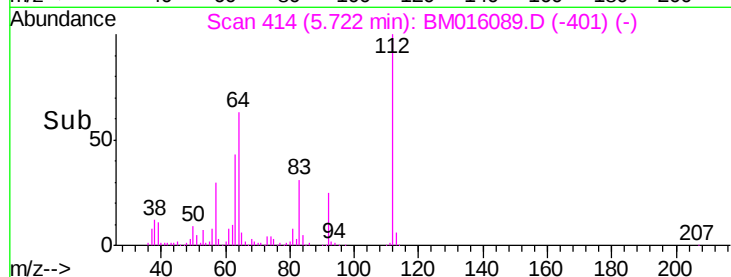
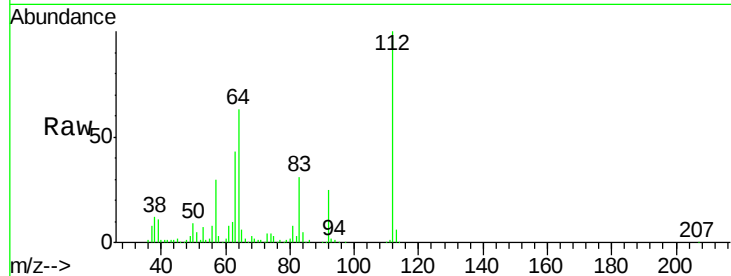
64 62.6 38.6 57.8#

63 43.1 19.3 28.9#

Manual Integrations
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#6

Aniline

Concen: 23.987 ng

RT: 7.53 min Scan# 721

Delta R.T. -0.03 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

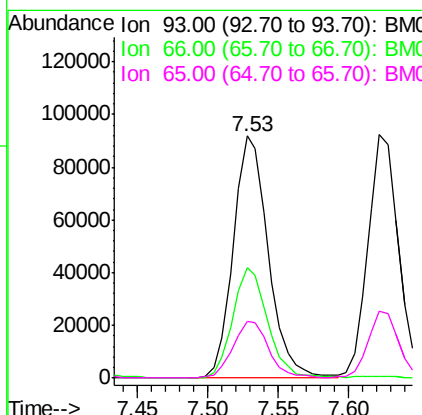
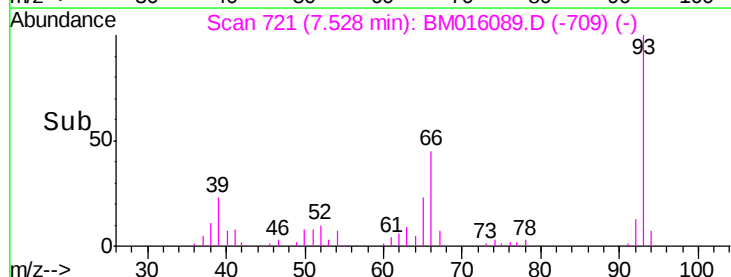
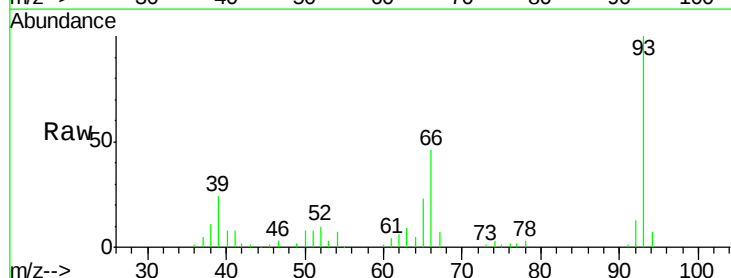
Tgt Ion: 93 Resp: 159088

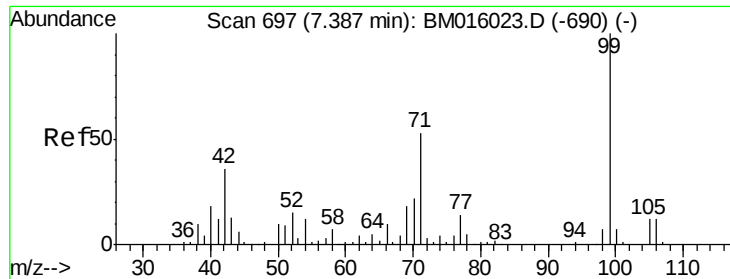
Ion Ratio Lower Upper

93 100

66 45.7 30.8 46.2

65 23.2 16.0 24.0





#7

Phenol-d6

Concen: 23.987 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

ClientSampled :

IDOC-02

Tgt Ion: 99 Resp: 630798
Ion Ratio Lower Upper

99 100

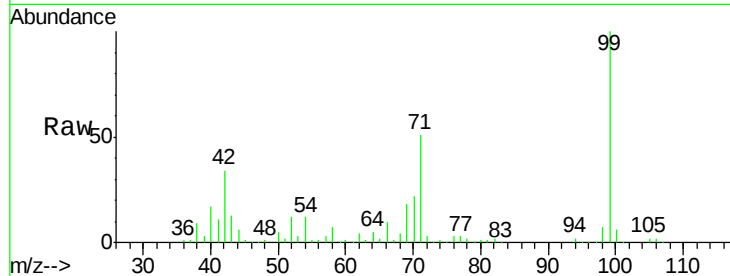
42 34.3 11.0 16.4#

71 50.6 23.4 35.2#

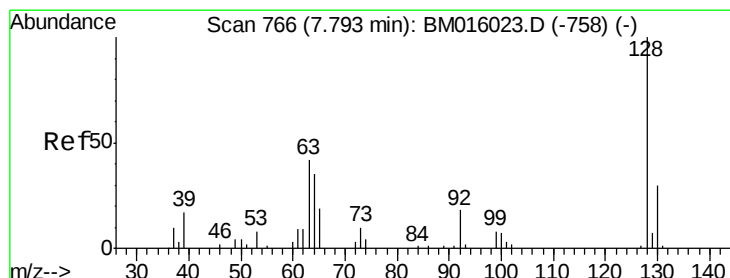
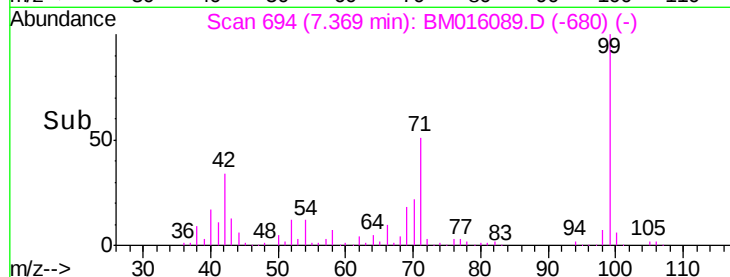
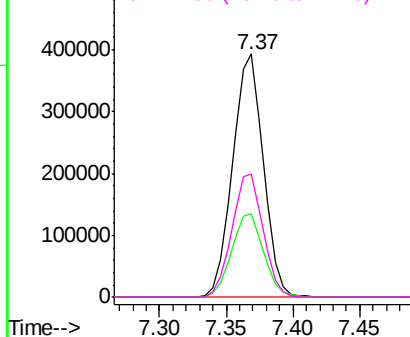
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)
Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)
Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 32.828 ng

RT: 7.76 min Scan# 761

Delta R.T. -0.03 min

Lab File: BM016089.D

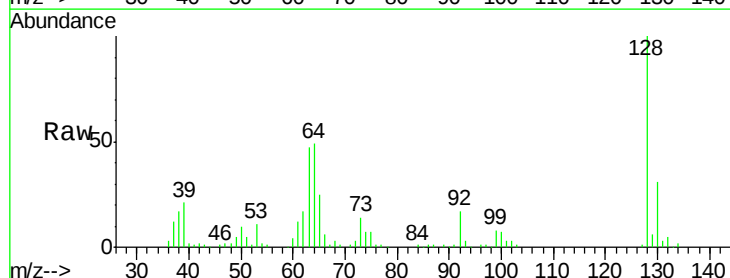
Acq: 27 Jul 2018 01:26

Tgt Ion: 128 Resp: 172093
Ion Ratio Lower Upper

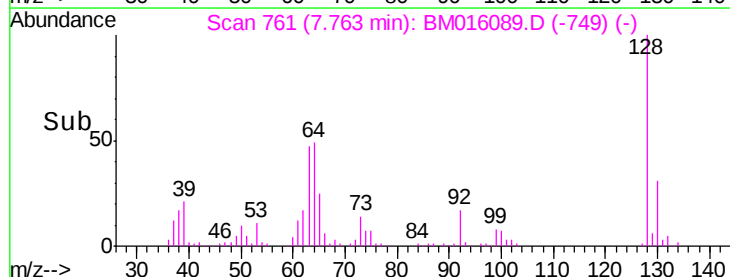
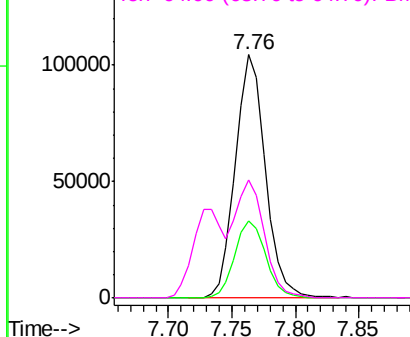
128 100

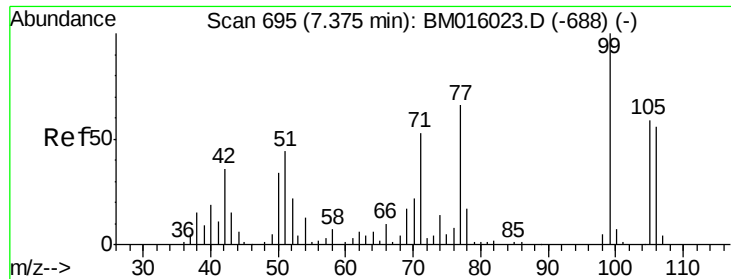
130 31.5 12.0 52.0

64 48.5 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)
Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)
Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)





#9

Benzaldehyde

Concen: 26.508 ng

RT: 7.35 min Scan# 690

Delta R.T. -0.03 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

ClientSampled :

IDOC-02

Tgt Ion: 77 Resp: 107282
Ion Ratio Lower Upper

77 100

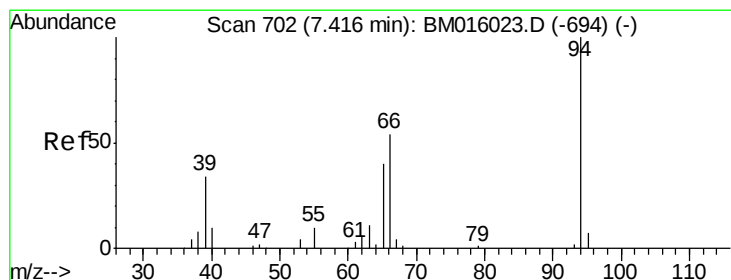
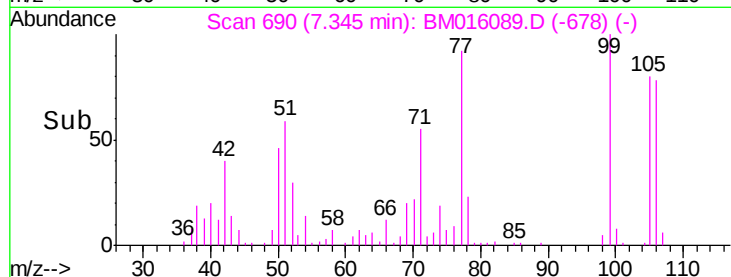
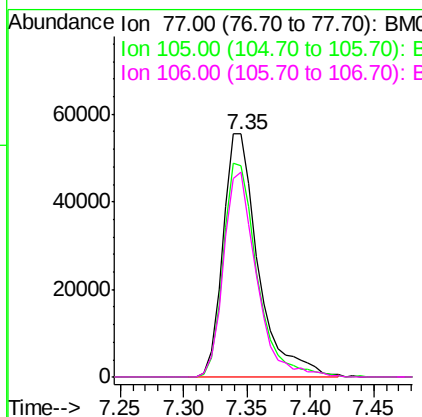
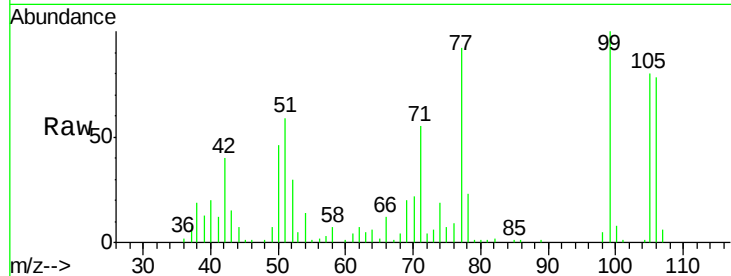
105 87.0 78.8 118.8

106 84.3 73.7 113.7

Manual Integrations
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#10

Phenol

Concen: 34.545 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.02 min

Lab File: BM016089.D

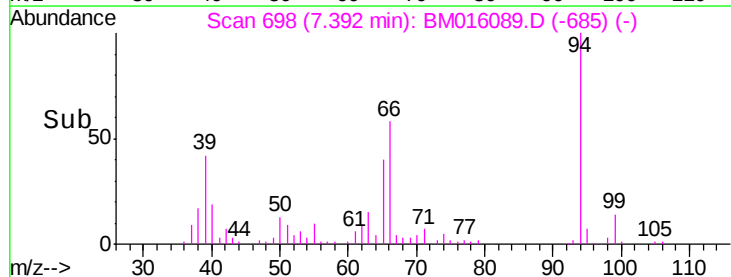
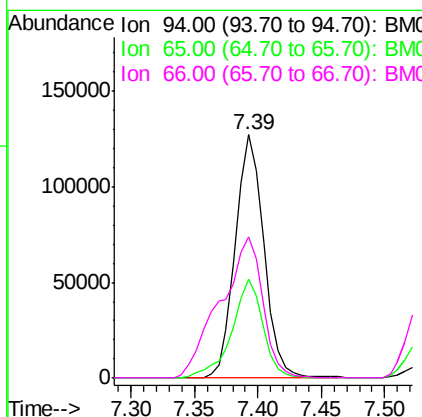
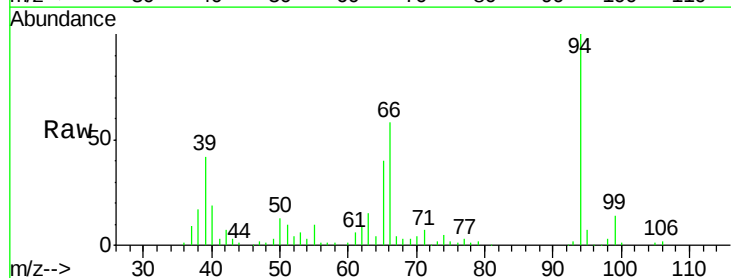
Acq: 27 Jul 2018 01:26

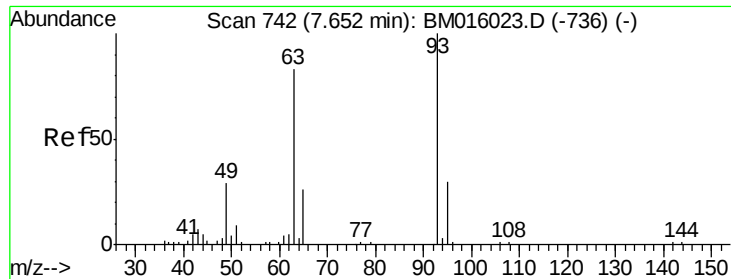
Tgt Ion: 94 Resp: 198976
Ion Ratio Lower Upper

94 100

65 40.5 18.8 58.8

66 57.8 39.9 79.9





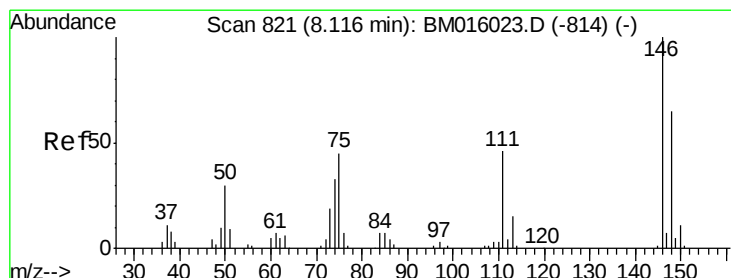
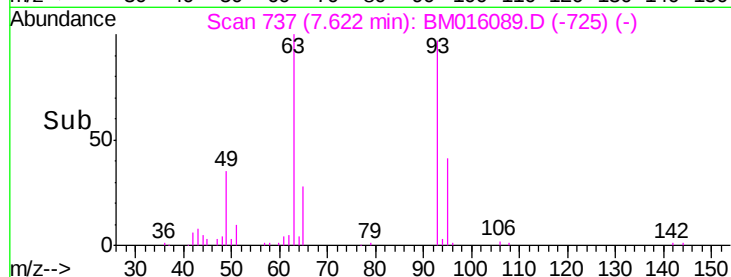
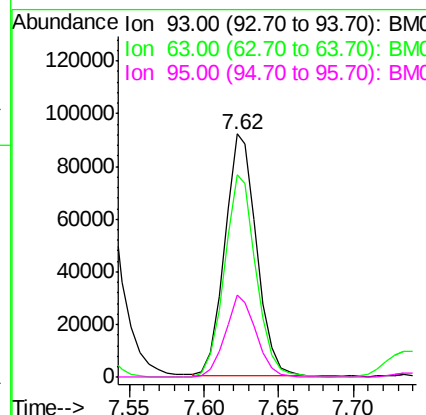
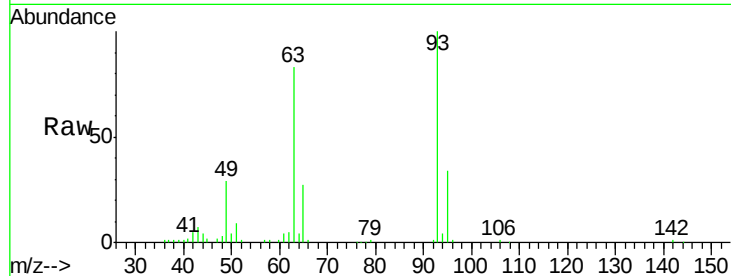
#11
bis(2-Chloroethyl)ether
Concen: 30.125 ng
RT: 7.62 min Scan# 737
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.5	49.5	89.5
95	33.8	13.5	53.5

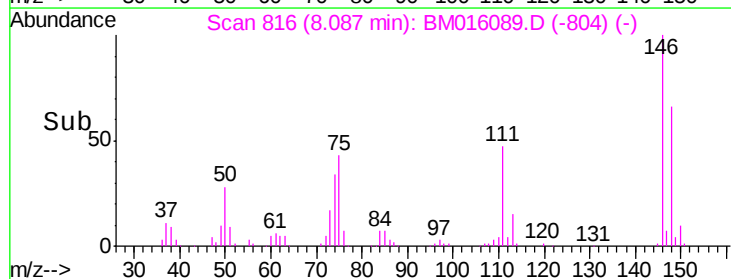
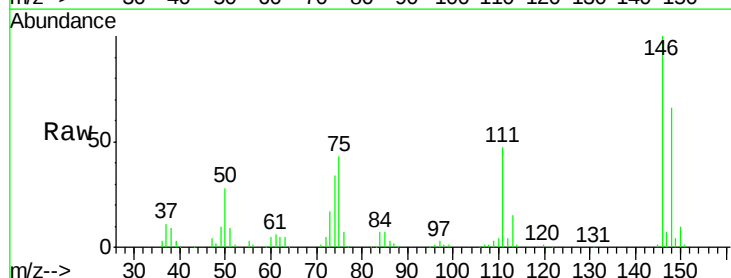
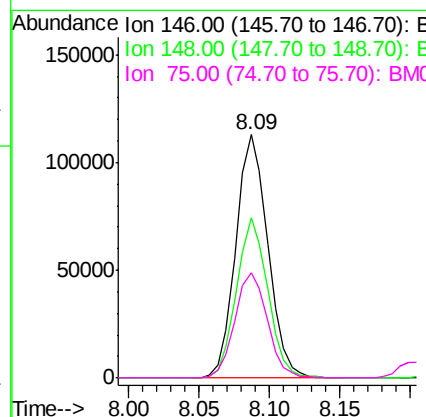
Manual Integrations
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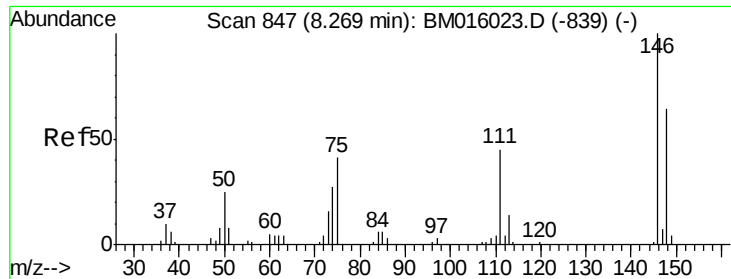
Sohil
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#12
1,3-Dichlorobenzene
Concen: 29.171 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.9	76.3
75	43.2	21.4	32.2





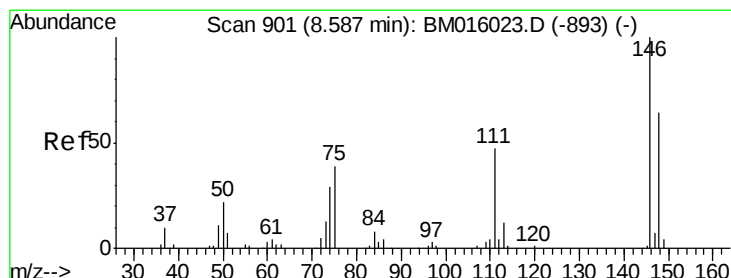
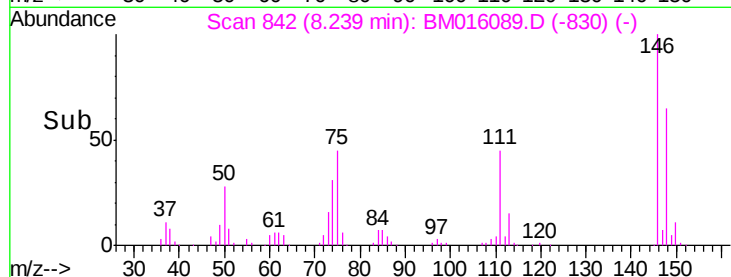
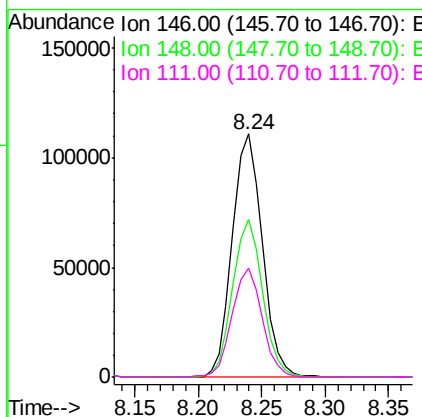
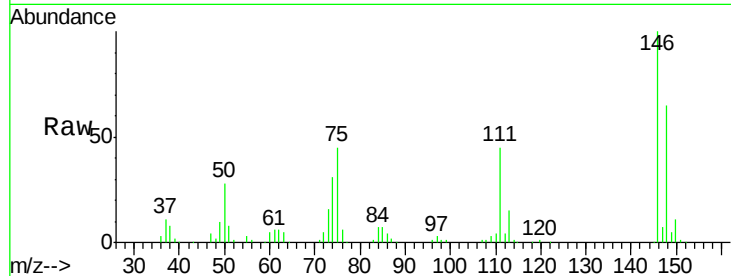
#13
 1,4-Dichlorobenzene
 Concen: 29.308 ng
 RT: 8.24 min Scan# 842
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampled :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	44.9	29.2	43.8#

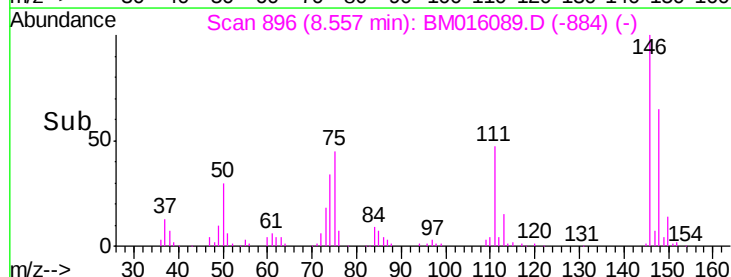
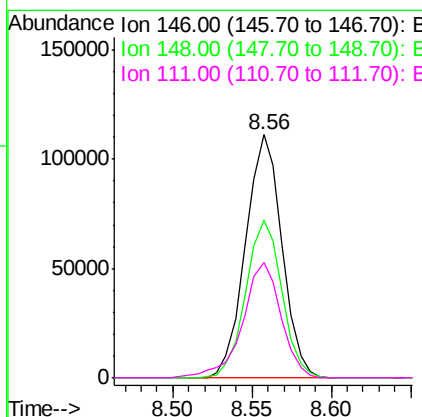
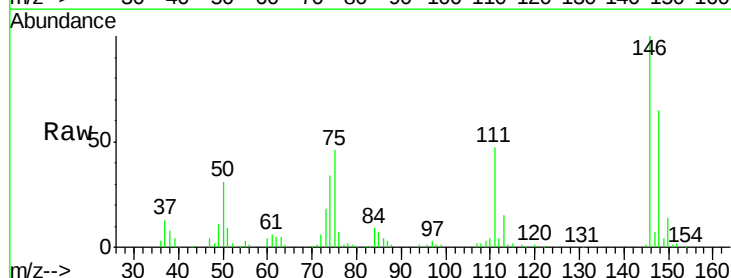
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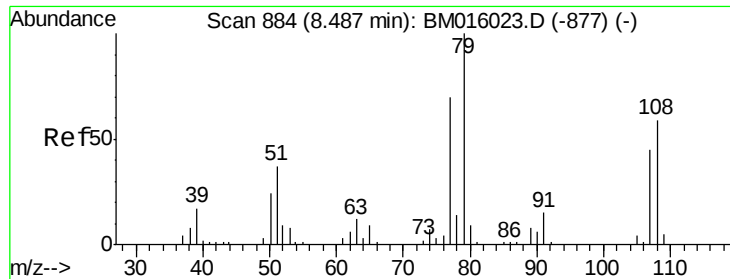
Sohil
 7/27/2018 2:05:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 29.135 ng
 RT: 8.56 min Scan# 896
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
111	47.3	30.6	45.8#





#15

Benzyl Alcohol

Concen: 34.923 ng

RT: 8.46 min Scan# 879

Delta R.T. -0.03 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

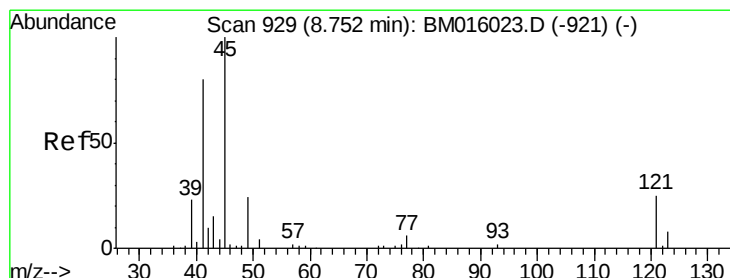
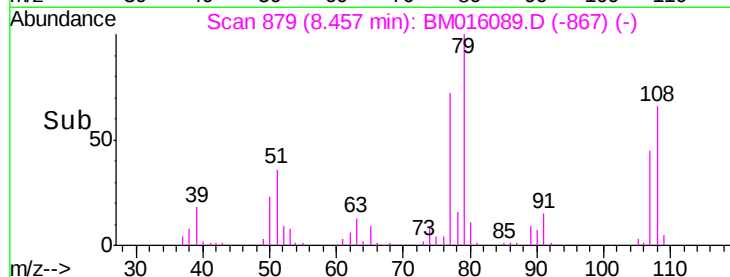
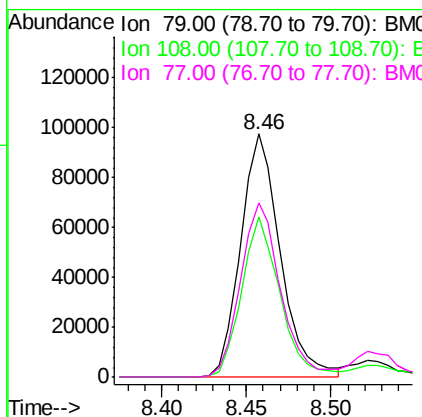
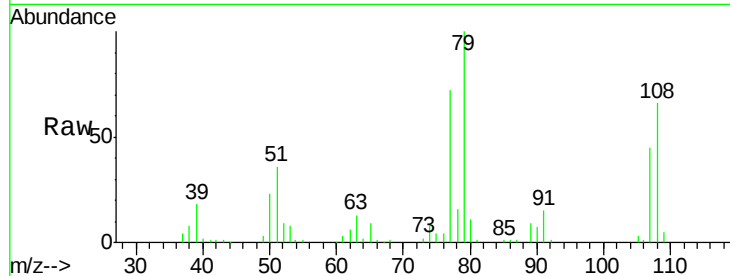
ClientSampled :

IDOC-02

Tgt Ion:	79	Resp:	160178
Ion Ratio	Lower	Upper	
79	100		
108	65.8	65.0	97.4
77	71.8	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.865 ng

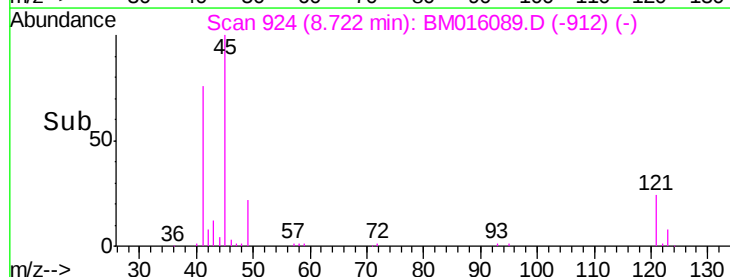
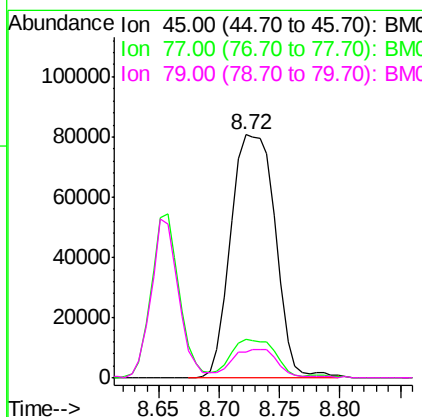
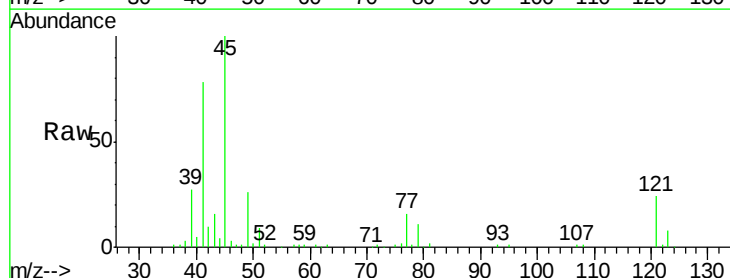
RT: 8.72 min Scan# 924

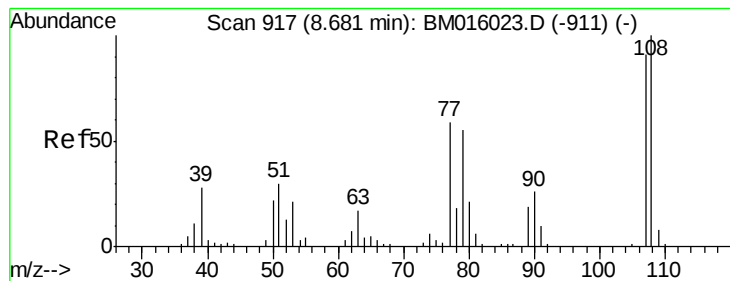
Delta R.T. -0.03 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Tgt Ion:	45	Resp:	207985
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	35.2
79	10.6	0.0	32.0





#17

2-Methylphenol

Concen: 34.871 ng

RT: 8.66 min Scan# 913

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

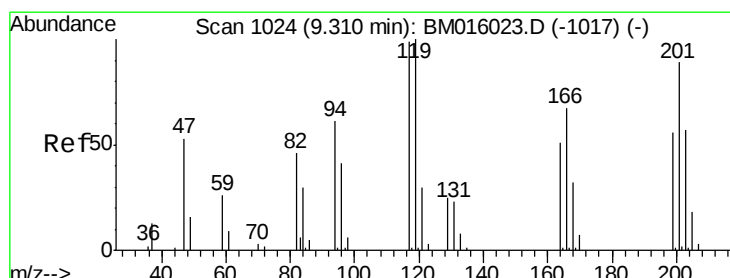
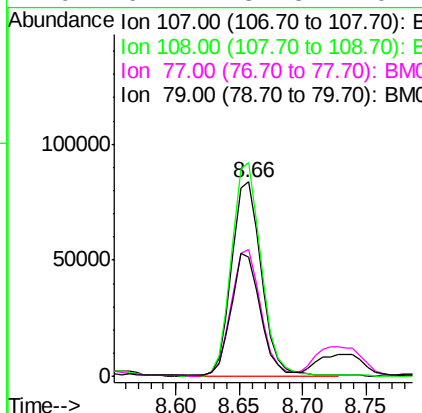
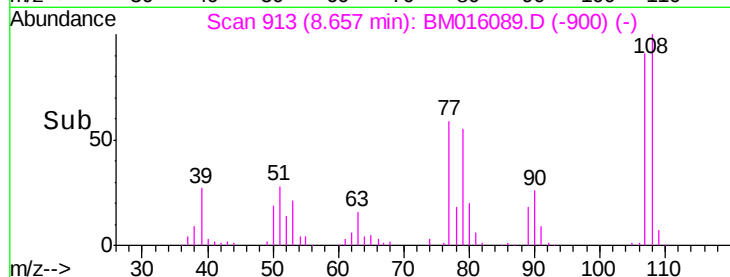
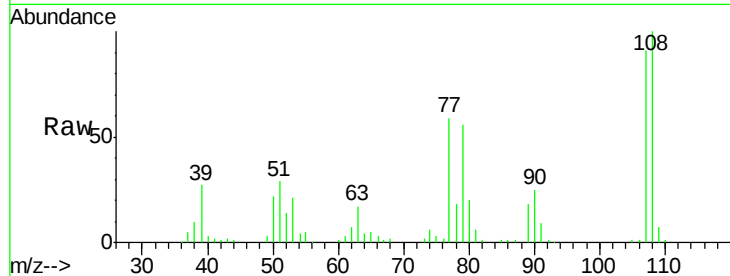
ClientSampleId :

IDOC-02

Tgt Ion:	107	Resp:	137284
Ion Ratio	Lower	Upper	
107	100		
108	109.8	89.8	134.8
77	65.0	32.6	48.8
79	61.1	32.8	49.2

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#18

Hexachloroethane

Concen: 30.845 ng

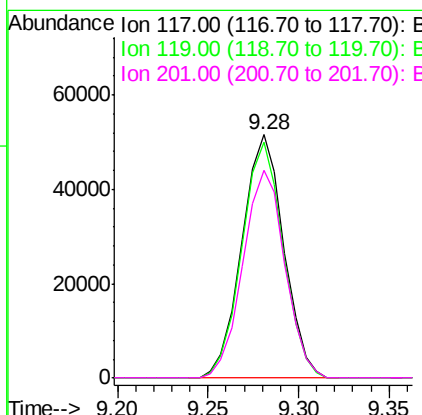
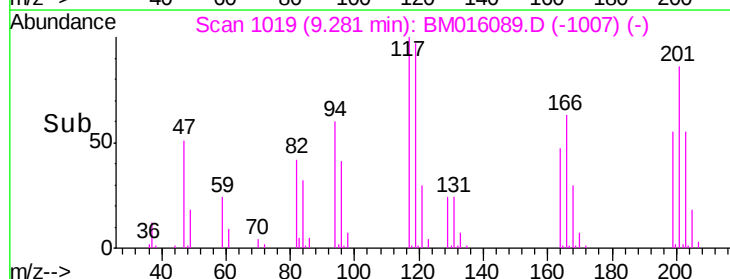
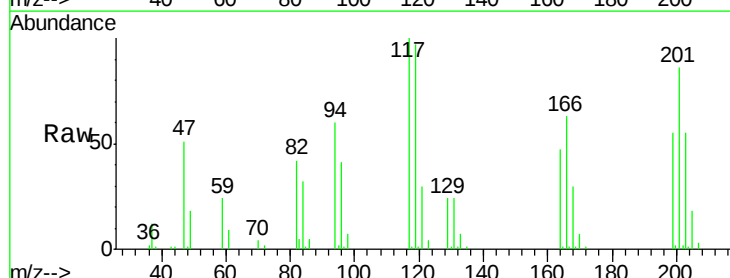
RT: 9.28 min Scan# 1019

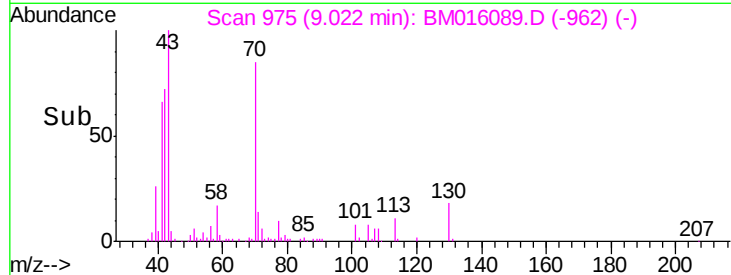
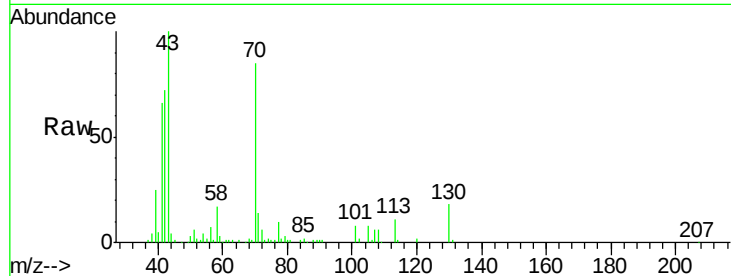
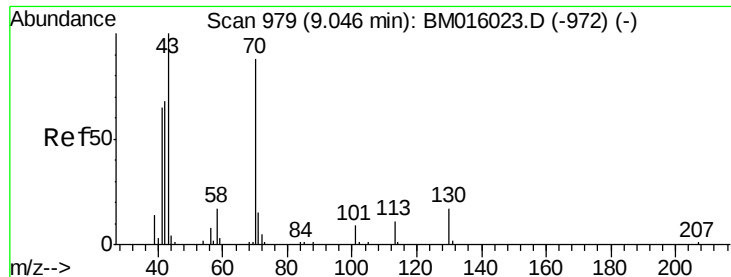
Delta R.T. -0.03 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Tgt Ion:	117	Resp:	82975
Ion Ratio	Lower	Upper	
117	100		
119	96.8	79.2	118.8
201	85.6	69.8	104.6





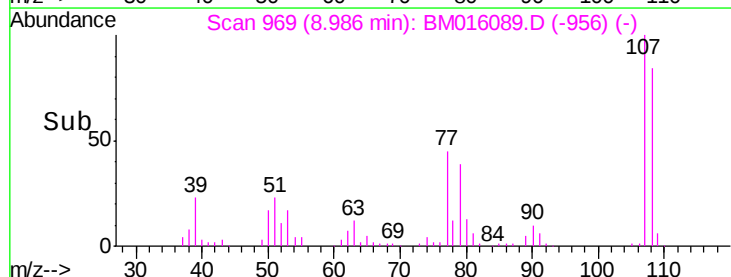
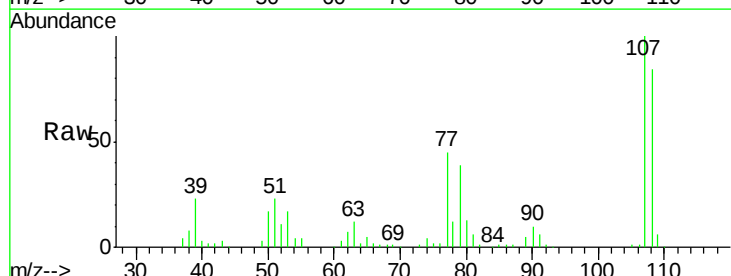
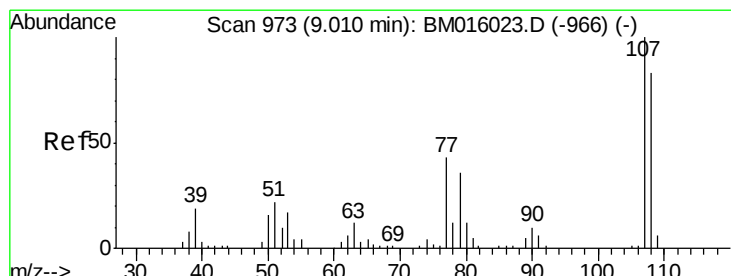
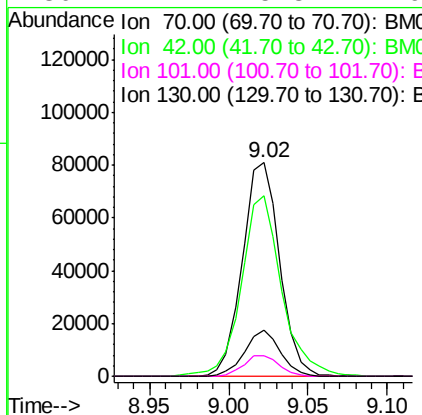
#19
n-Nitroso-di-n-propylamine
Concen: 31.331 ng
RT: 9.02 min Scan# 975
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	84.6	44.5	66.7#
101	9.7	7.4	11.2
130	21.4	15.3	22.9

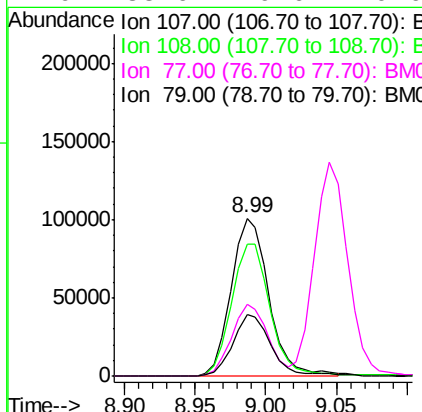
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#20
3+4-Methylphenols
Concen: 33.105 ng
RT: 8.99 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.8	73.2	113.2
77	45.1	10.7	50.7
79	38.6	9.6	49.6





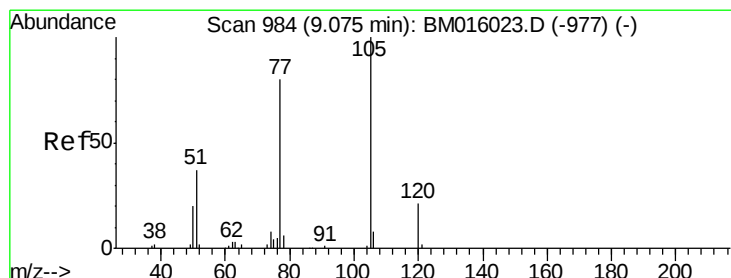
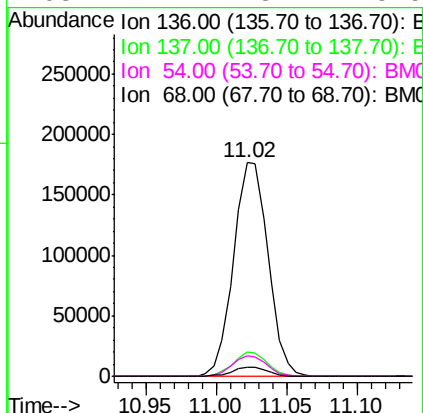
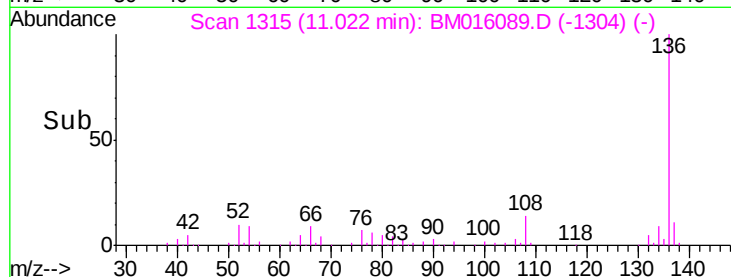
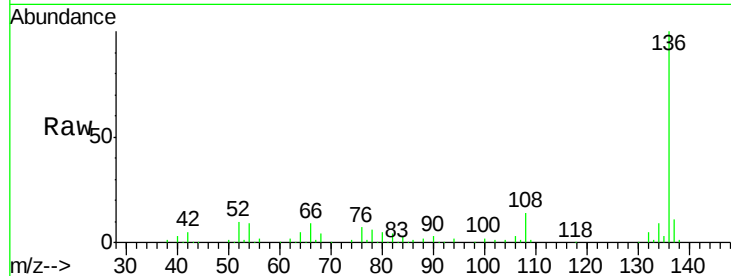
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampled :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	302023		
137	11.2	8.7	13.1	
54	9.5	4.6	6.8#	
68	4.4	3.7	5.5	

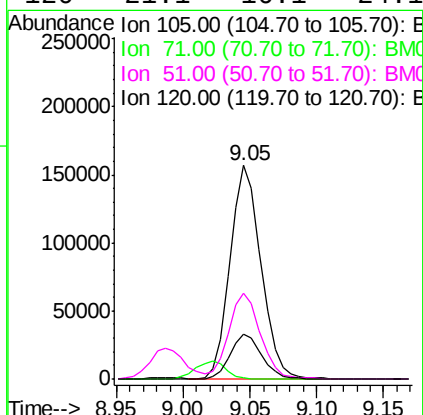
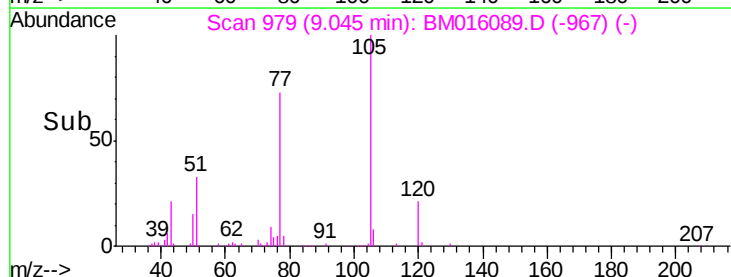
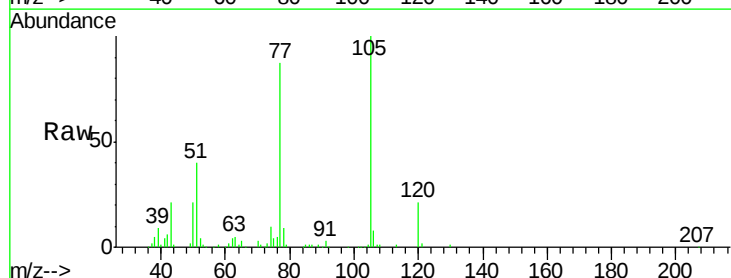
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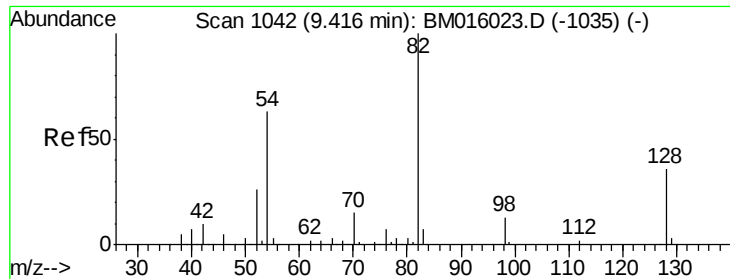
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#22
Acetophenone
Concen: 33.436 ng
RT: 9.05 min Scan# 979
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254279		
71	0.5	0.6	1.0#	
51	40.4	21.6	32.4#	
120	21.1	16.1	24.1	





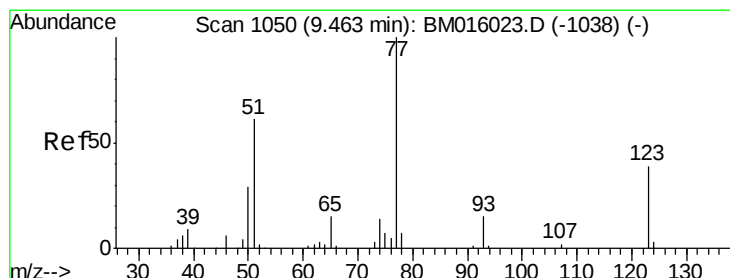
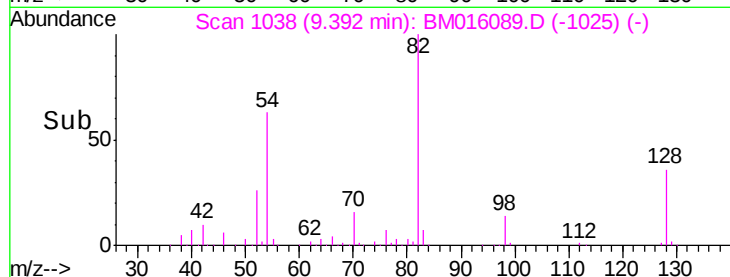
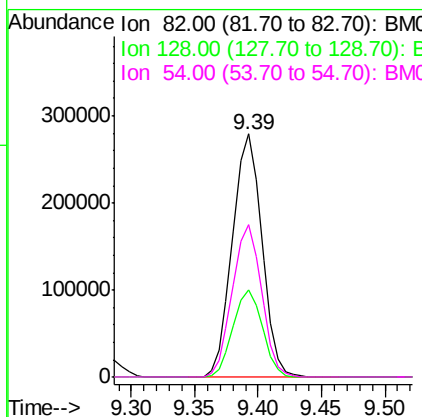
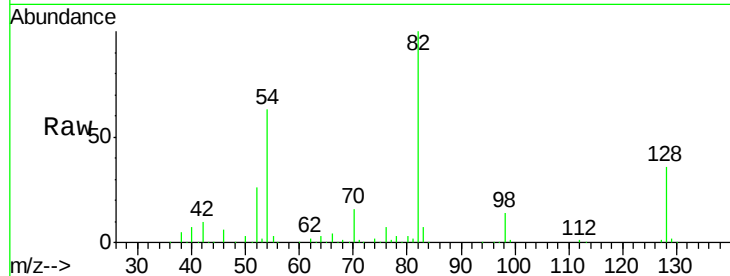
#23
Nitrobenzene-d5
Concen: 33.436 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampled :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	452336		
128	36.0	32.8	49.2	
54	62.7	40.6	60.8	

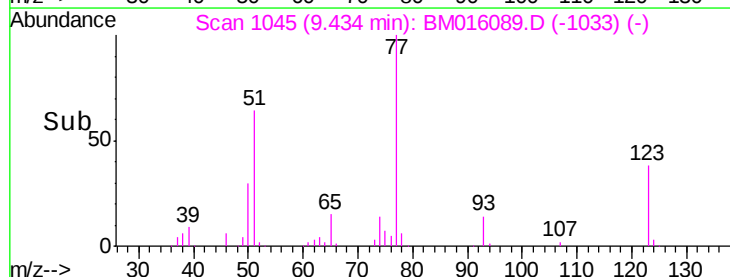
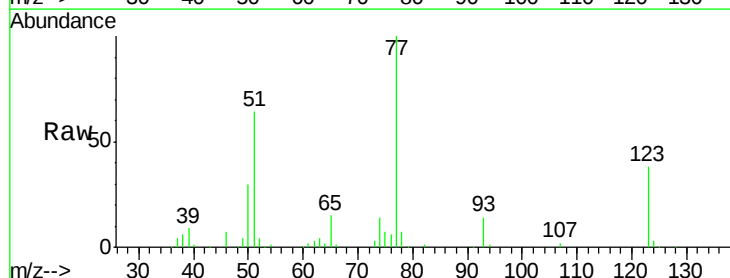
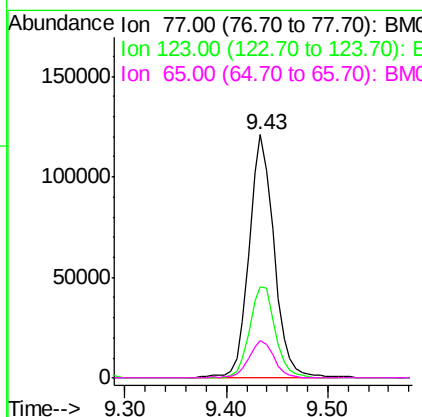
Manual Integrations
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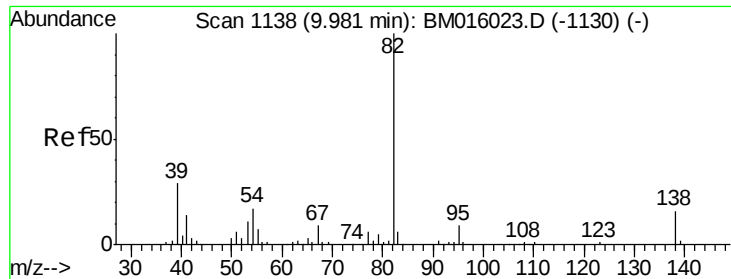
Sohil
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#24
Nitrobenzene
Concen: 32.011 ng
RT: 9.43 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	209232		
123	37.5	32.6	49.0	
65	15.5	10.9	16.3	





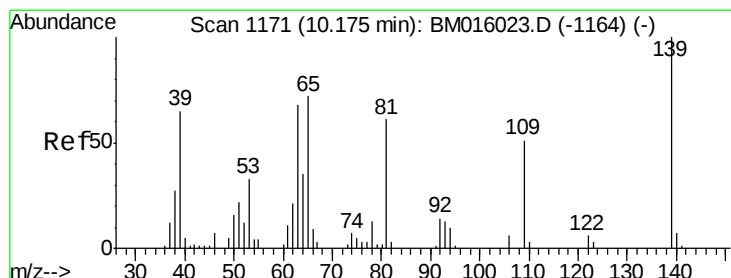
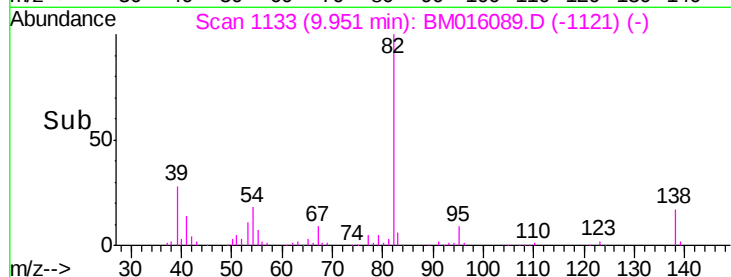
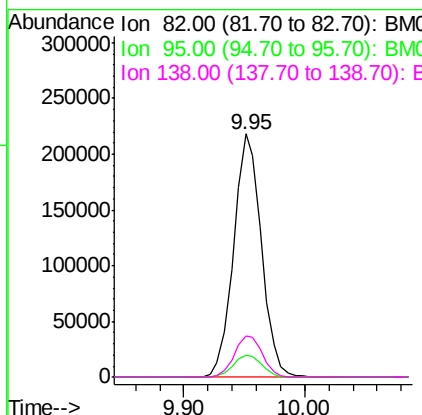
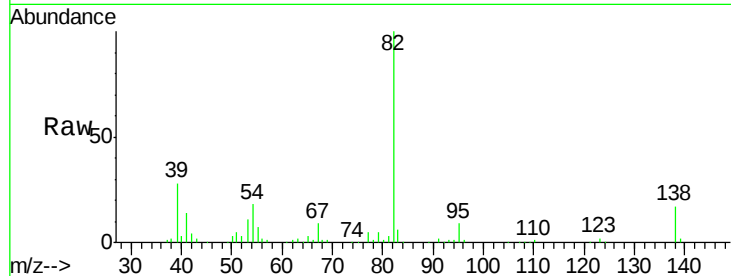
#25
Isophorone
Concen: 39.314 ng
RT: 9.95 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampled :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	349197		
95	9.2	5.8	8.6#	
138	16.8	16.3	24.5	

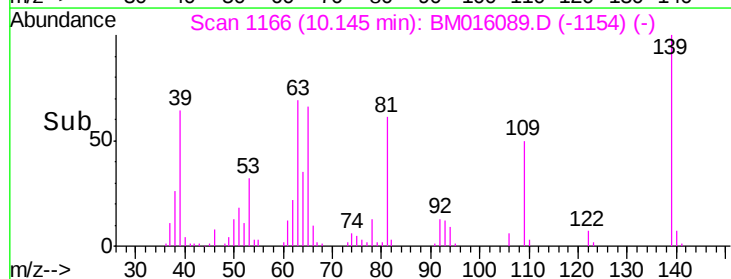
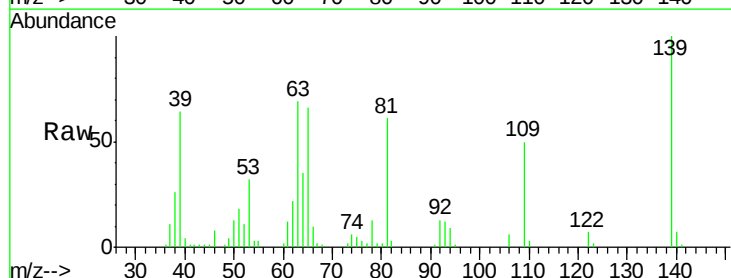
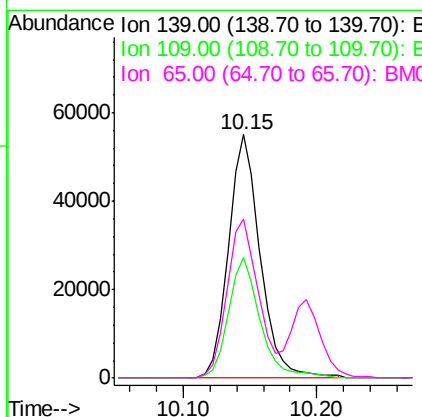
Manual Integrations
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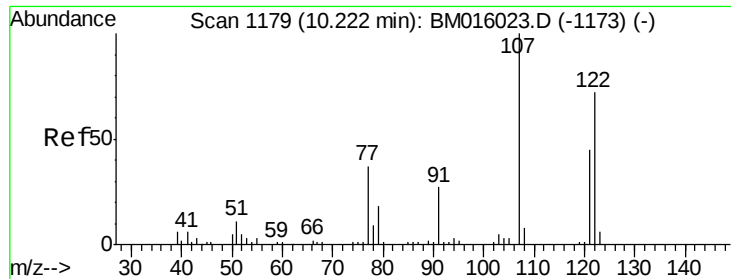
Sohil
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#26
2-Nitrophenol
Concen: 33.471 ng
RT: 10.15 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	91328		
109	49.5	20.1	30.1#	
65	65.6	31.5	47.3#	





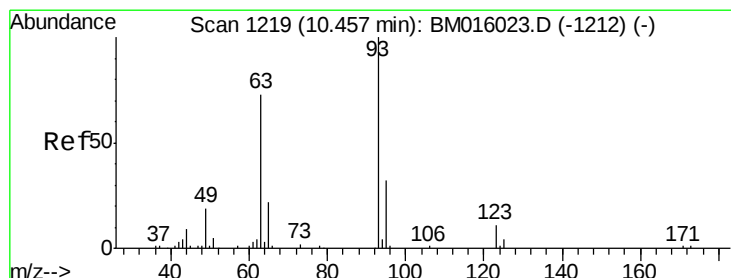
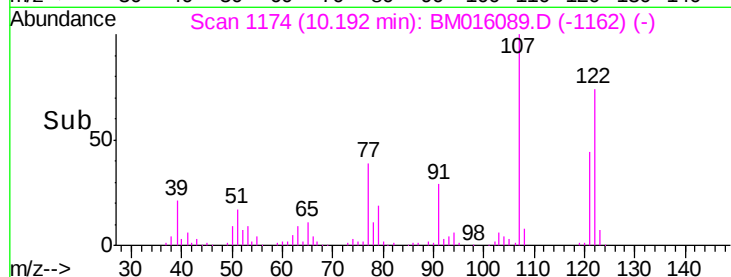
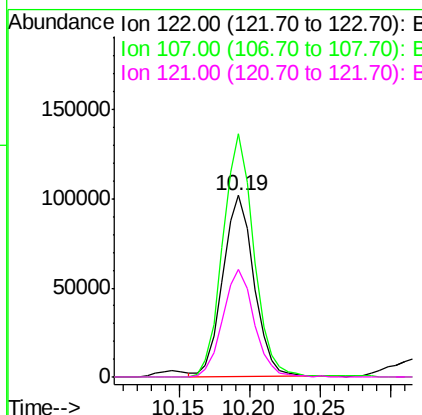
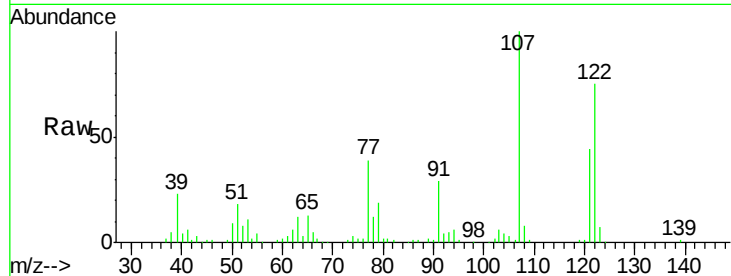
#27
 2,4-Dimethylphenol
 Concen: 41.191 ng
 RT: 10.19 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampled :
 IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	156581		
107	133.8	84.7	127.1#	
121	59.2	46.6	69.8	

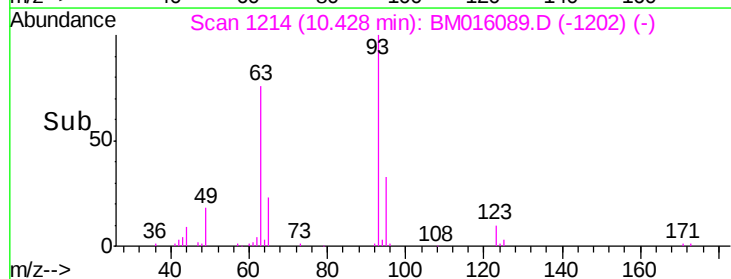
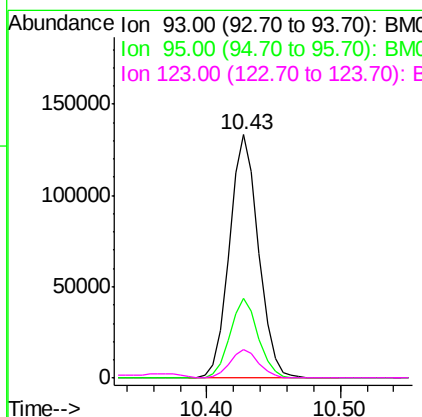
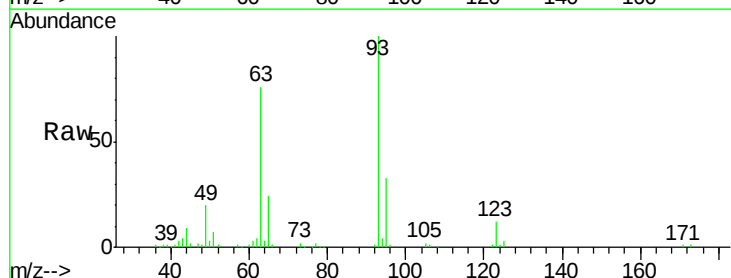
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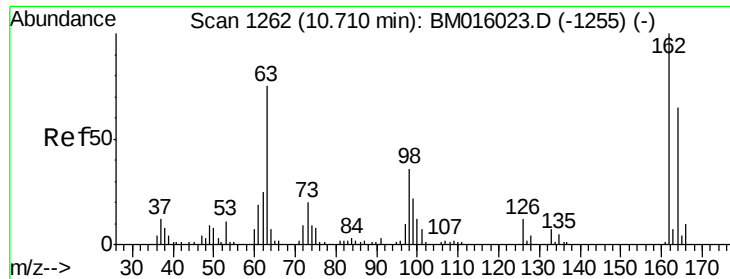
Sohil
 7/27/2018 2:05:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.072 ng
 RT: 10.43 min Scan# 1214
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	202471		
95	32.8	25.5	38.3	
123	11.7	8.6	13.0	





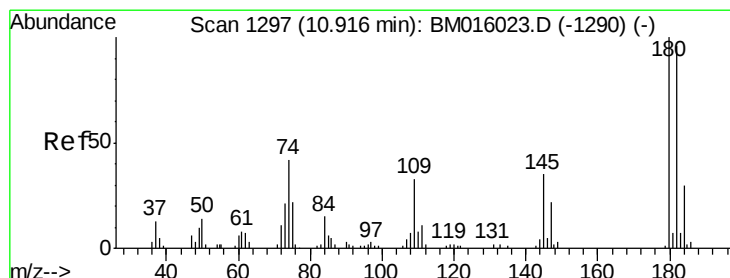
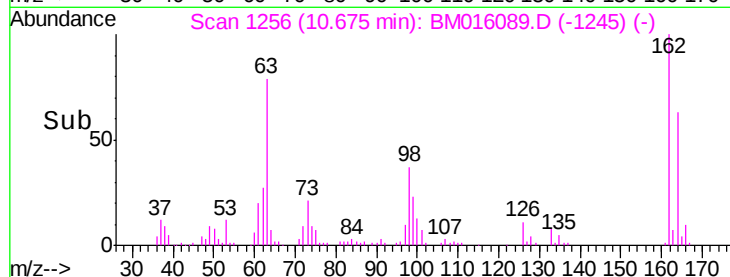
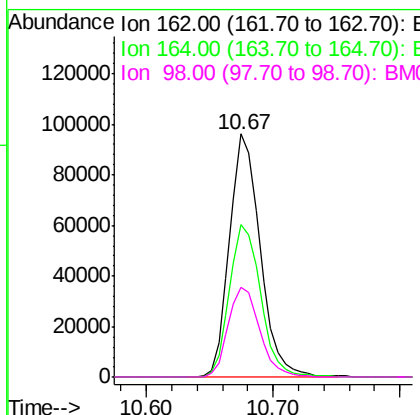
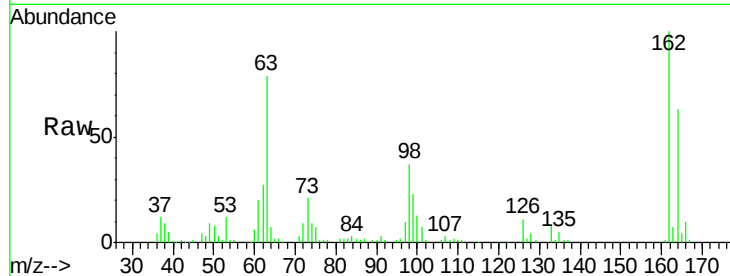
#29
2,4-Dichlorophenol
Concen: 35.899 ng
RT: 10.67 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	162160		
164	62.7	42.8	82.8	
98	36.9	14.5	54.5	

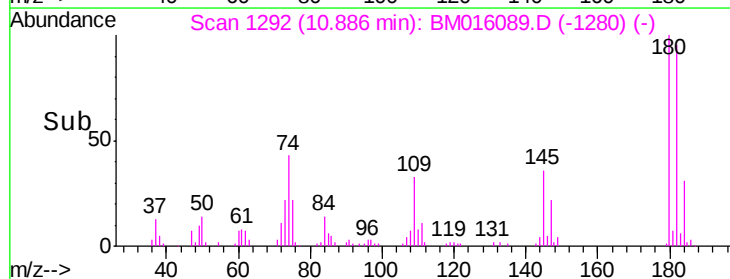
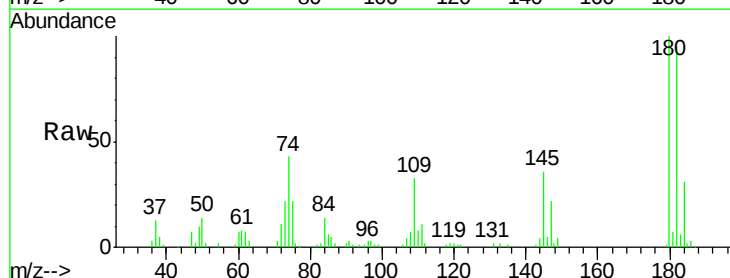
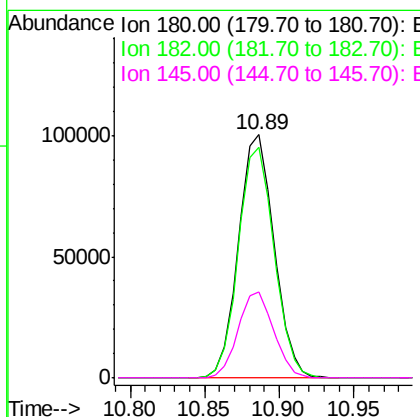
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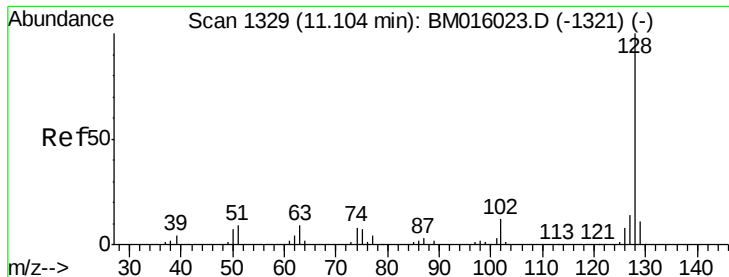
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 30.313 ng
RT: 10.89 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	166370		
182	95.0	77.6	116.4	
145	35.6	23.4	35.2	





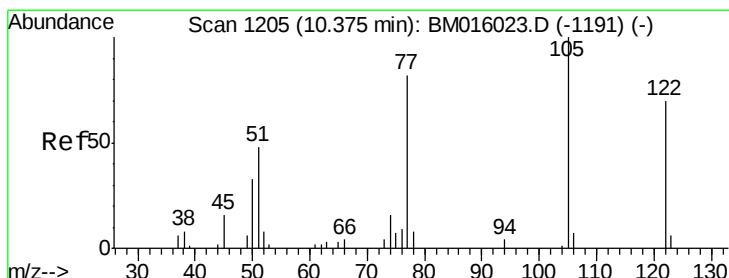
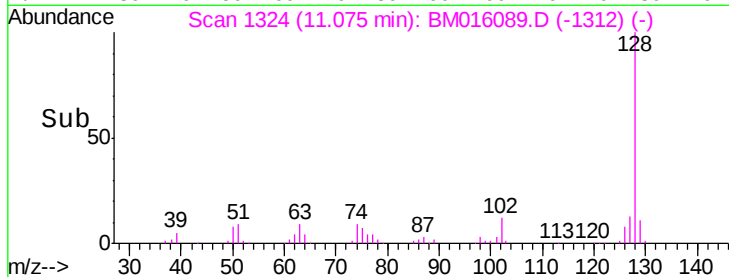
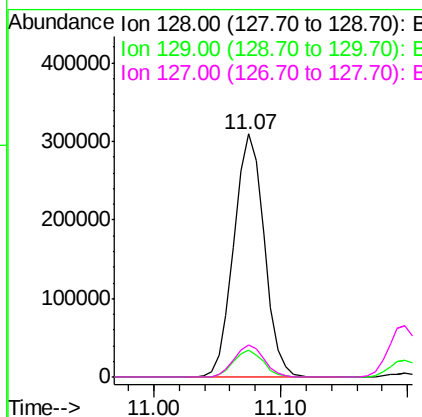
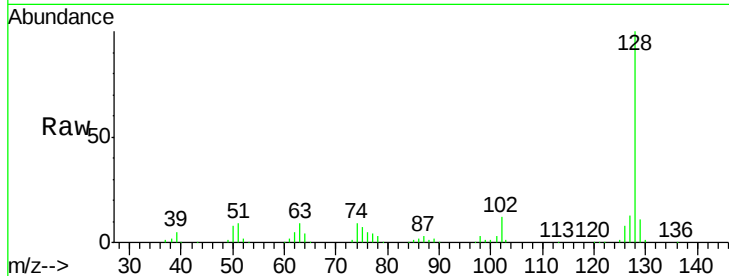
#31
Naphthalene
Concen: 33.648 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	514339		
129	11.3	8.9	13.3	
127	13.4	10.4	15.6	

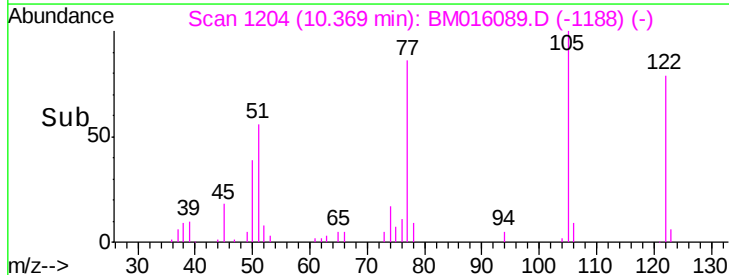
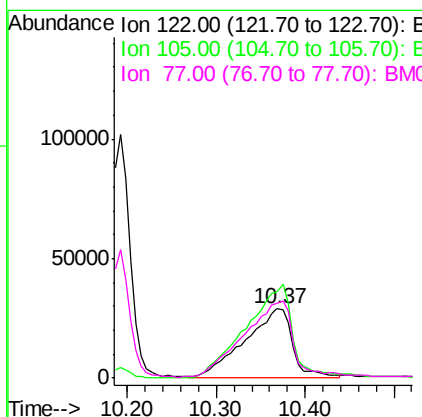
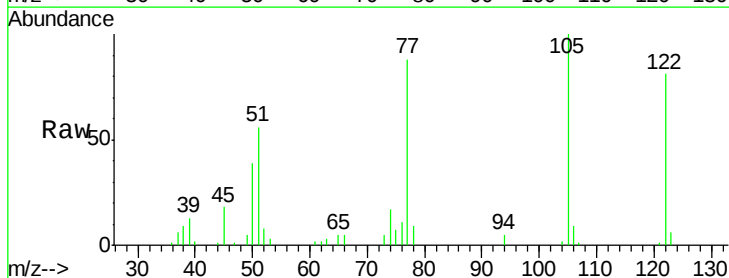
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#32
Benzoic acid
Concen: 36.337 ng m
RT: 10.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	105296		
105	123.9	99.9	139.9	
77	108.9	73.7	113.7	





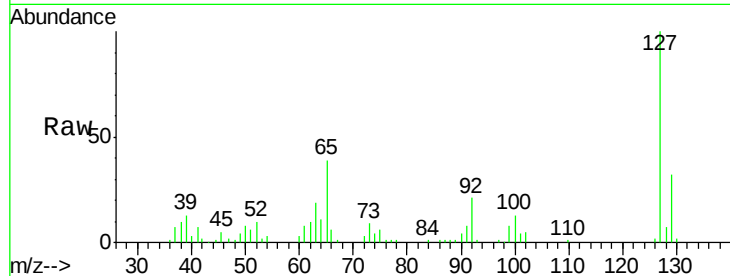
#33
4-Chloroaniline
Concen: 18.928 ng
RT: 11.20 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampled :
IDOC-02

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	38.8	17.6	26.4
92	20.8	13.1	19.7

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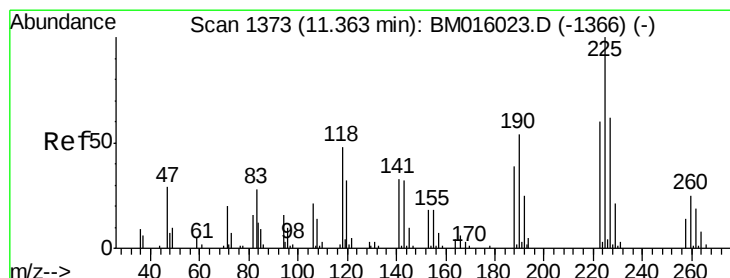
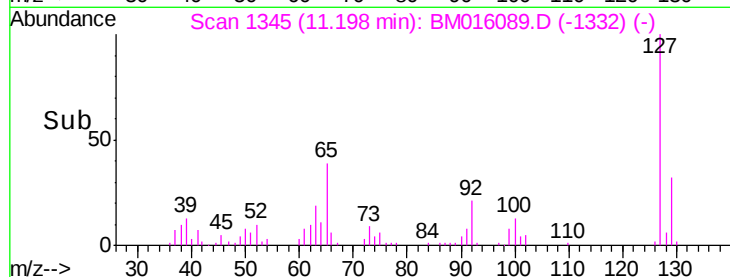
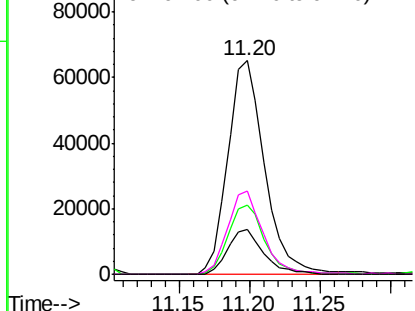
Abundance

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): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 30.024 ng
RT: 11.33 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

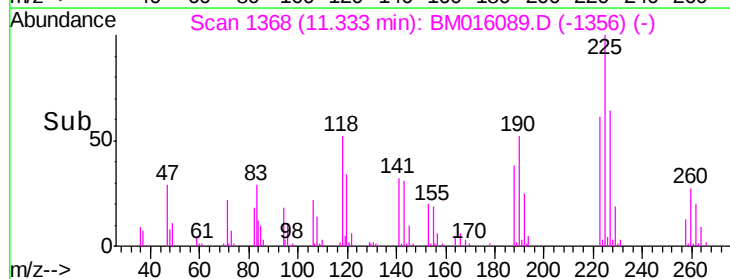
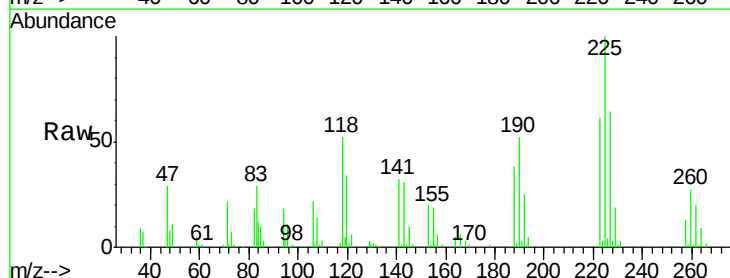
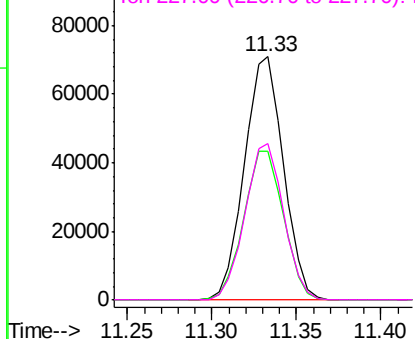
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	47.9	71.9
227	64.5	50.1	75.1

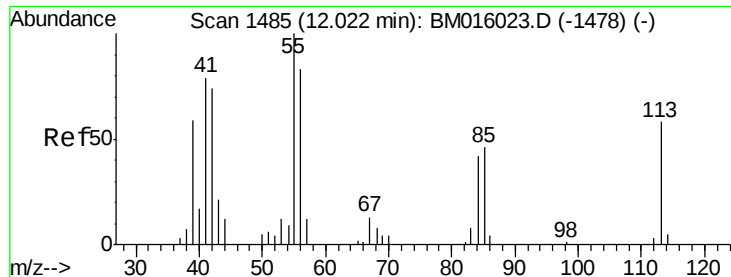
Abundance

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: 37.292 ng m

RT: 12.01 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

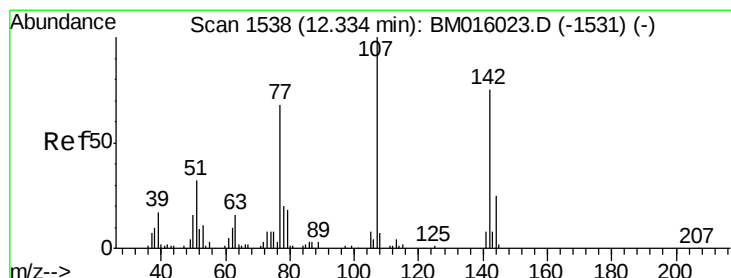
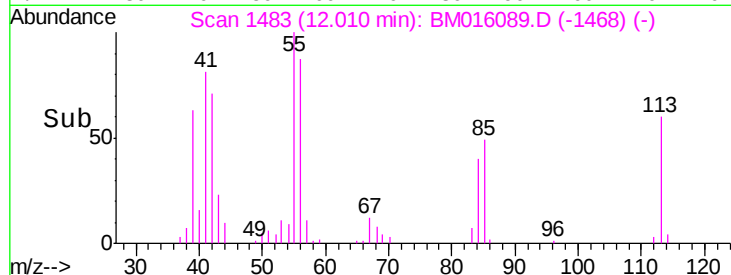
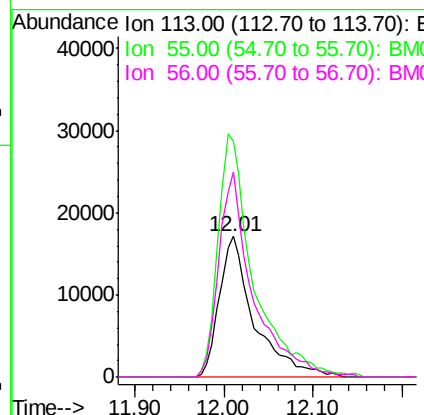
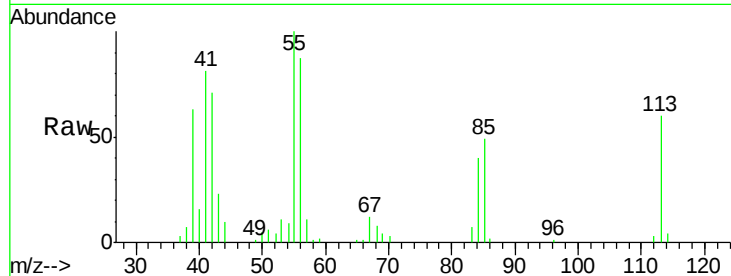
ClientSampled :

IDOC-02

Tgt Ion:113 Resp: 46656
 Ion Ratio Lower Upper
 113 100
 55 166.8 145.9 185.9
 56 145.1 101.0 141.0#

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#36

4-Chloro-3-methylphenol

Concen: 36.660 ng

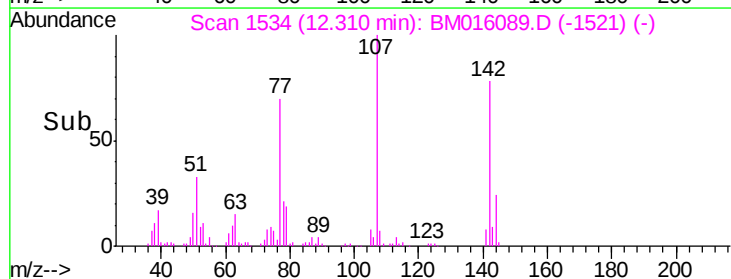
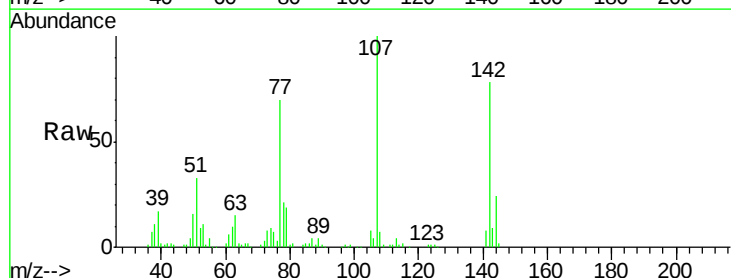
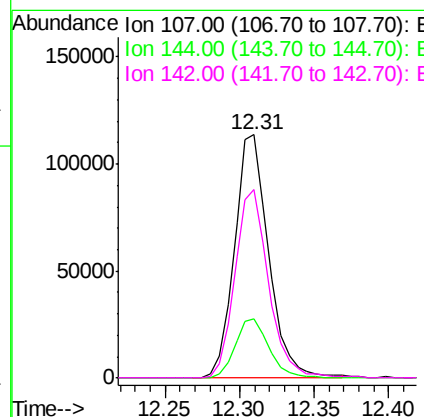
RT: 12.31 min Scan# 1534

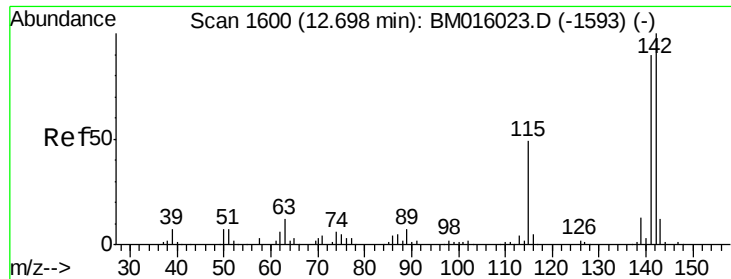
Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Tgt Ion:107 Resp: 182137
 Ion Ratio Lower Upper
 107 100
 144 24.4 23.3 34.9
 142 77.6 72.6 109.0





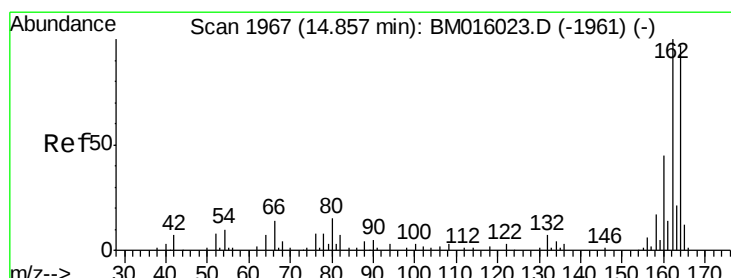
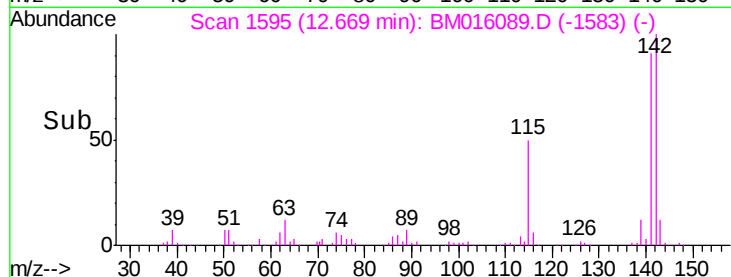
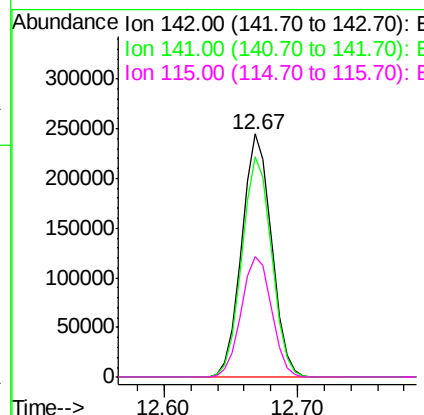
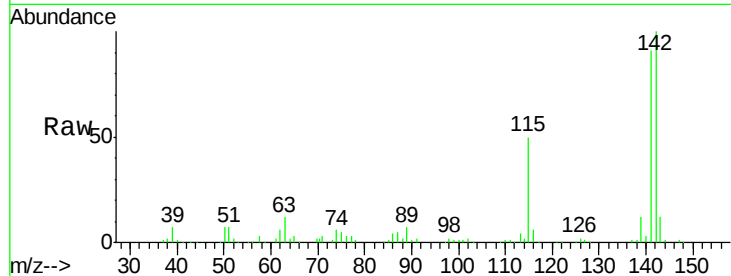
#37
 2-Methylnaphthalene
 Concen: 36.936 ng
 RT: 12.67 min Scan# 1595
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleID :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
115	49.8	25.4	38.0

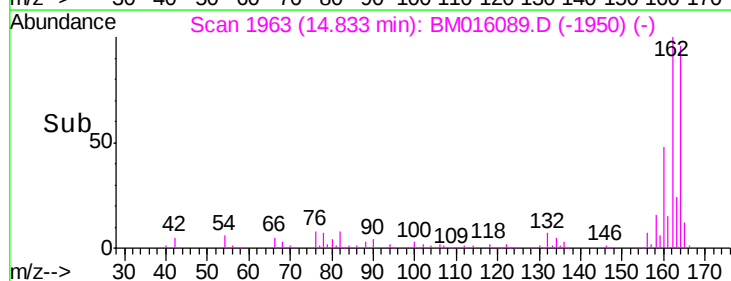
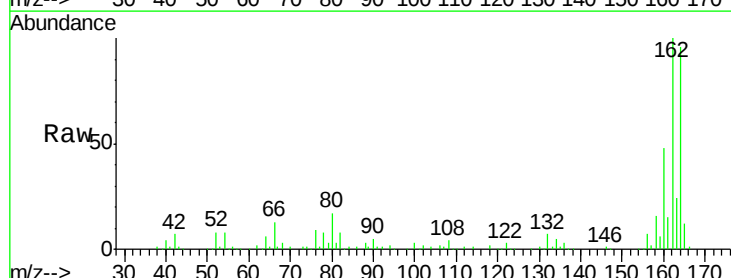
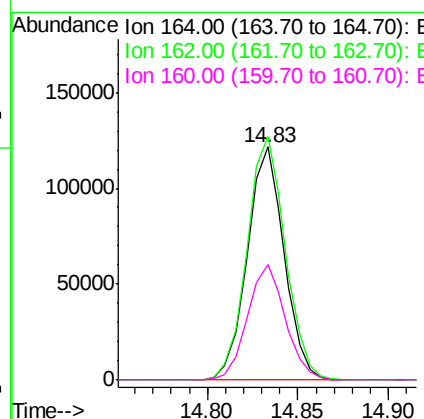
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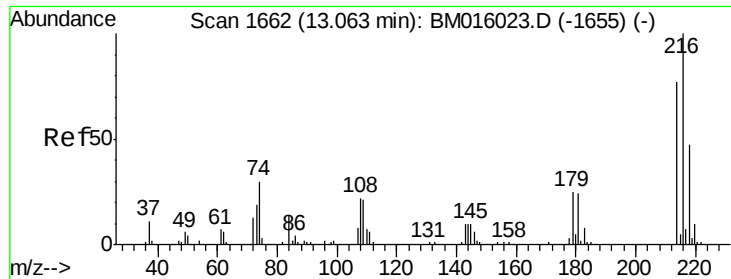
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.83 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.4	123.6
160	49.8	35.8	53.6





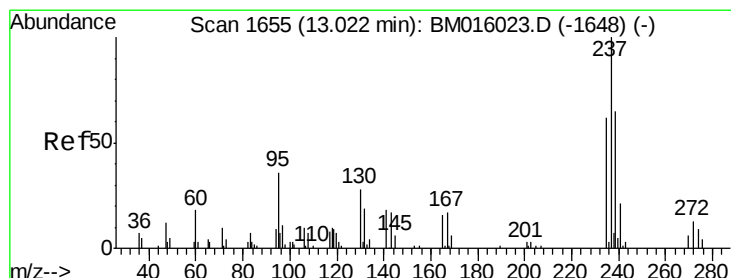
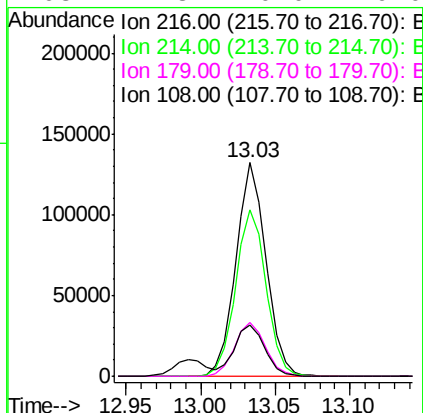
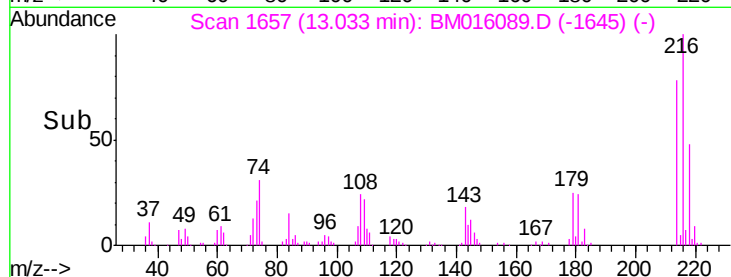
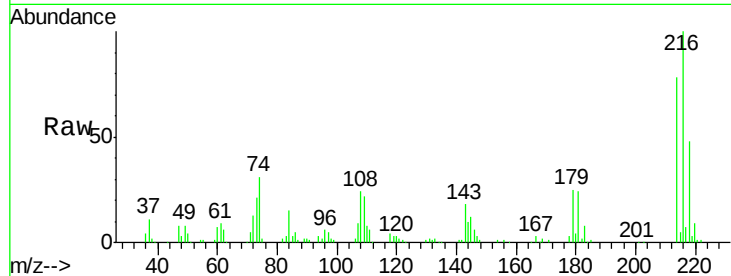
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.898 ng
 RT: 13.03 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	185747		
214	79.2	0.0	0.0	0.0
179	25.6	0.0	0.0	0.0
108	24.3	0.0	0.0	0.0

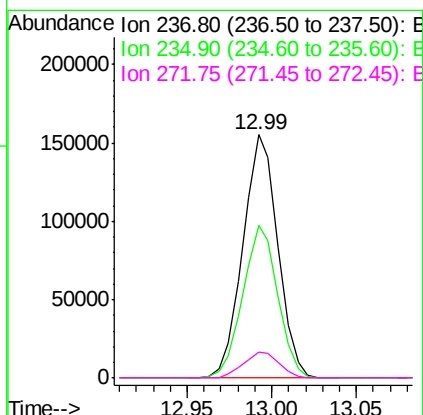
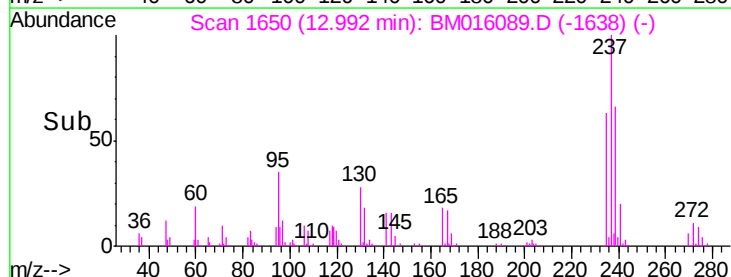
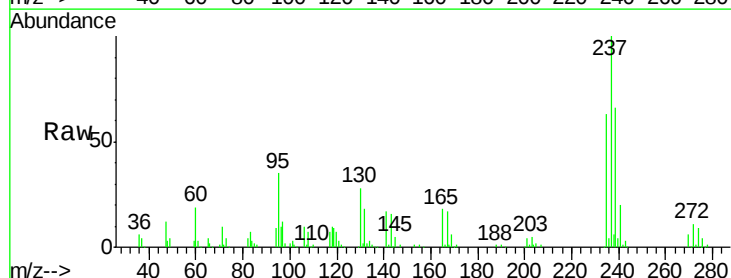
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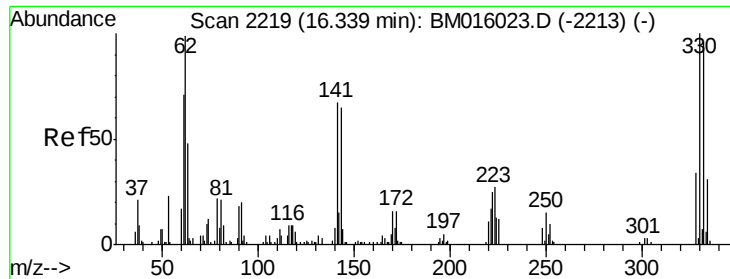
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 78.286 ng
 RT: 12.99 min Scan# 1650
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	223249		
235	62.6	42.0	82.0	
272	10.5	0.0	33.4	





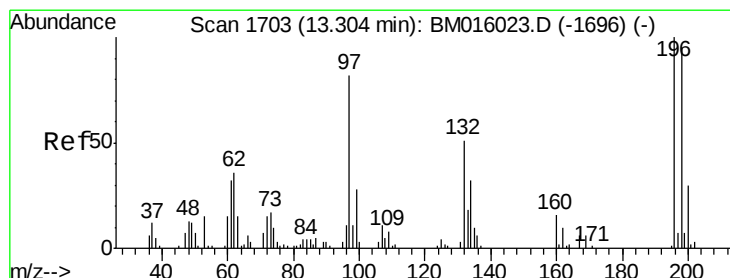
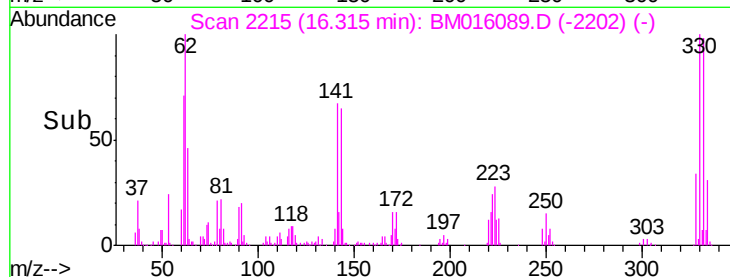
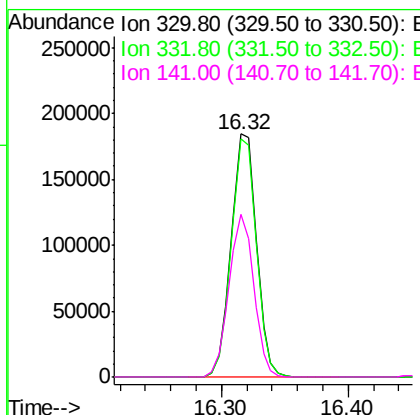
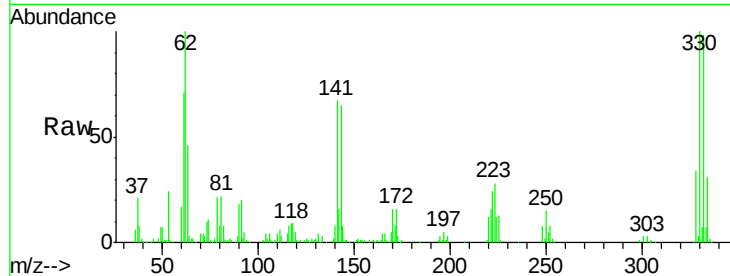
#41
 2,4,6-Tribromophenol
 Concen: 78.286 ng
 RT: 16.32 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampled :
 IDOC-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	0.0	0.0#
141	65.5	0.0	0.0#

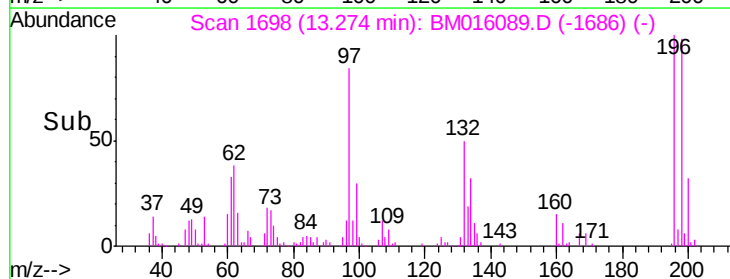
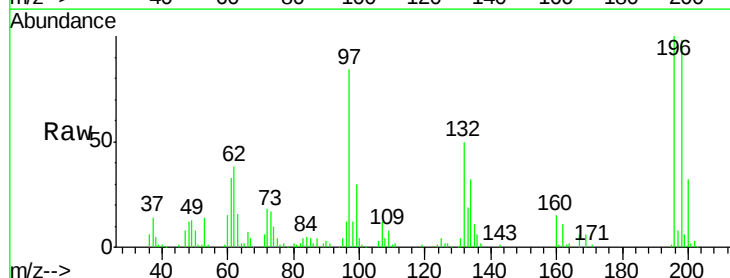
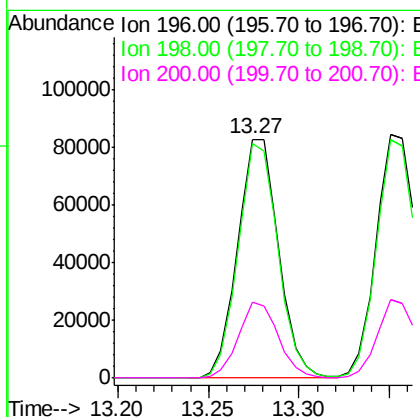
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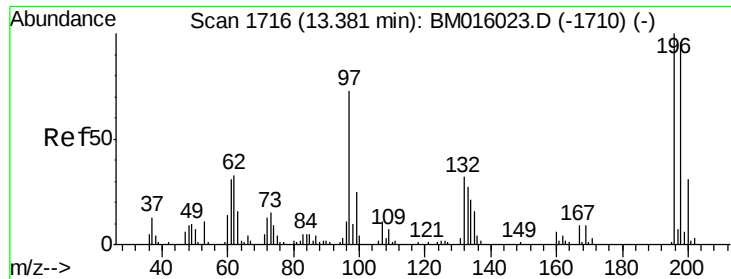
Sohil
 7/27/2018 2:05:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.618 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	98.4	76.3	114.5
200	31.6	25.6	38.4





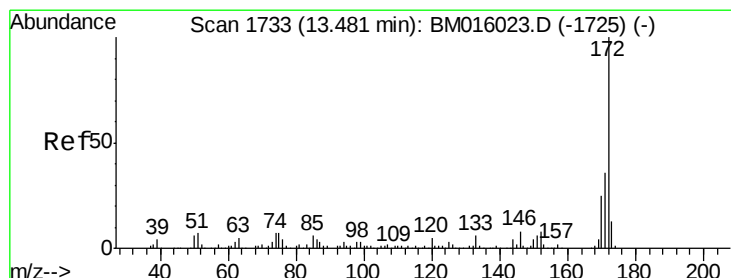
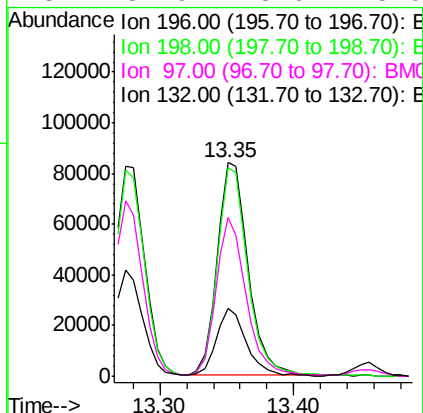
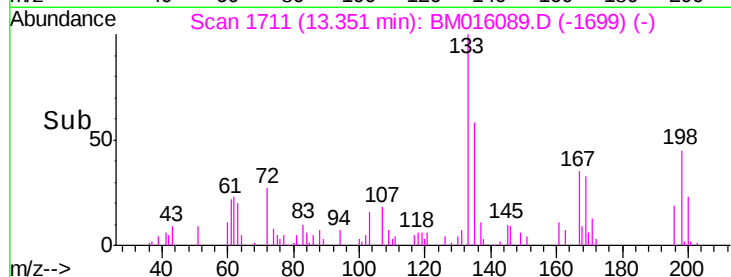
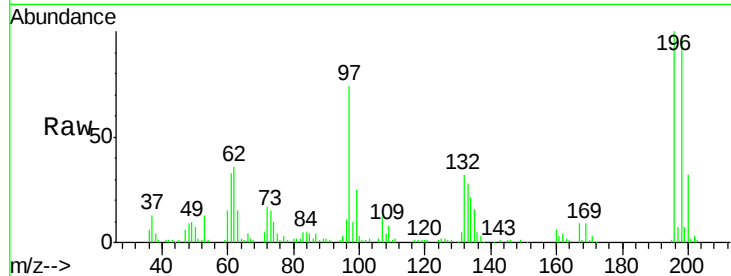
#43
 2,4,5-Trichlorophenol
 Concen: 36.428 ng
 RT: 13.35 min Scan# 1711
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampled :
 IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136899		
198	97.9	79.4	119.0	
97	74.2	26.8	40.2	
132	31.9	18.6	28.0	

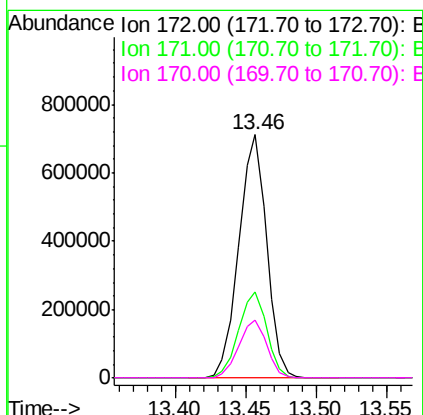
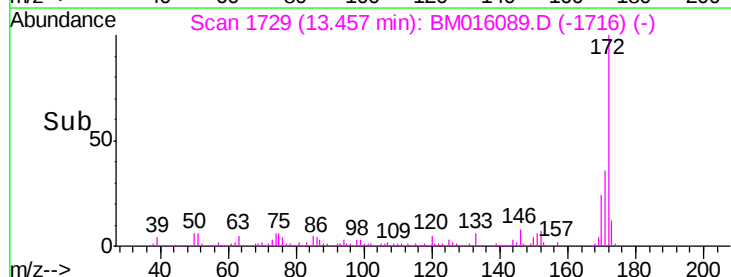
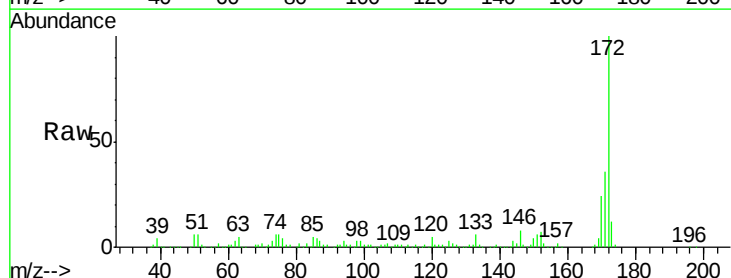
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 36.428 ng
 RT: 13.46 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	981677		
171	35.6	28.5	42.7	
170	23.9	18.8	28.2	





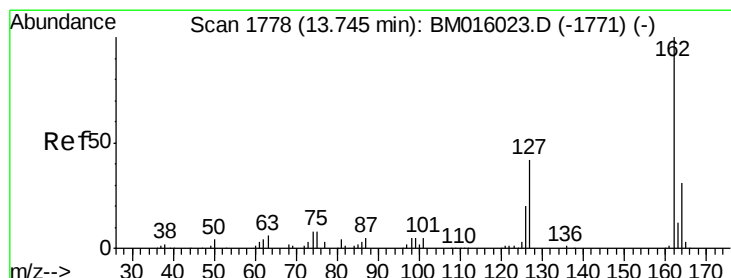
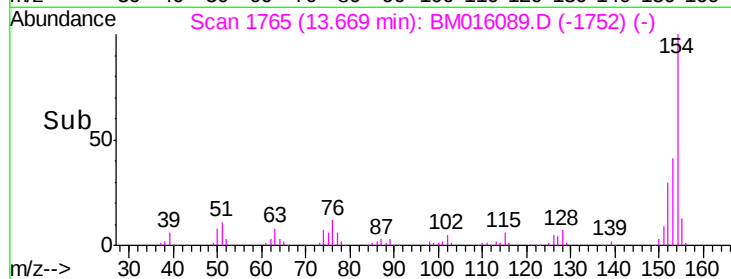
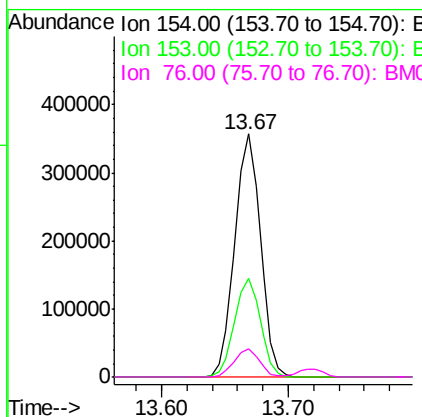
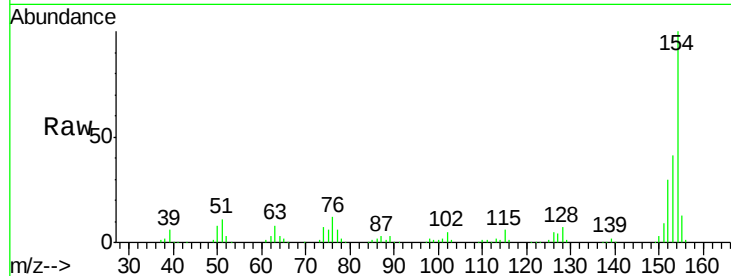
#45
 1,1'-Biphenyl
 Concen: 32.607 ng
 RT: 13.67 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	11.9	0.0	30.9

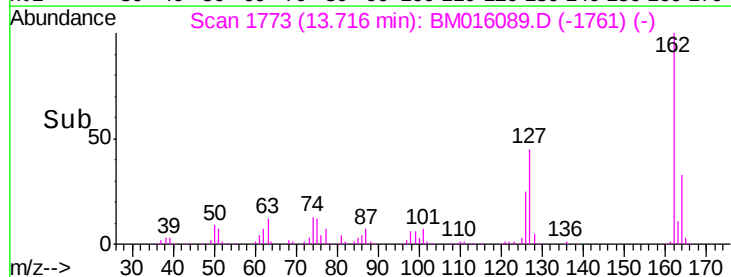
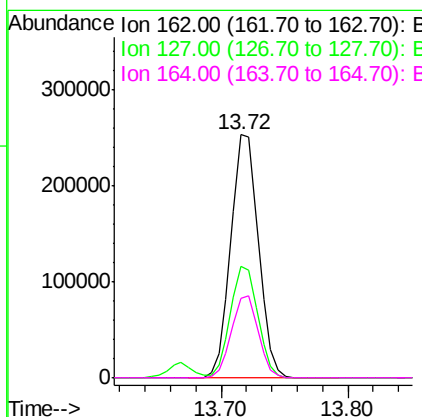
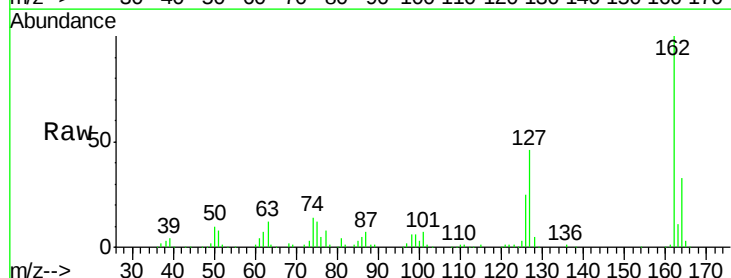
Manual Integrations
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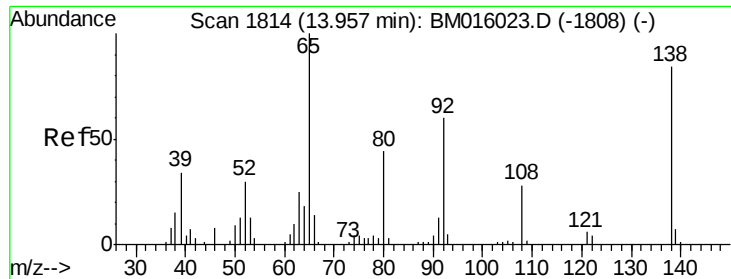
Sohil
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#46
 2-Chloronaphthalene
 Concen: 31.735 ng
 RT: 13.72 min Scan# 1773
 Delta R.T. -0.03 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.8	26.9	40.3#
164	33.0	26.8	40.2





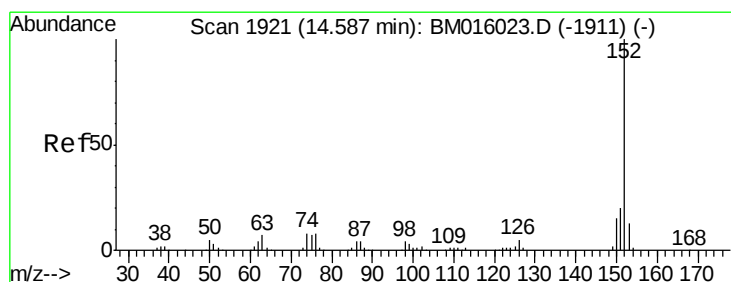
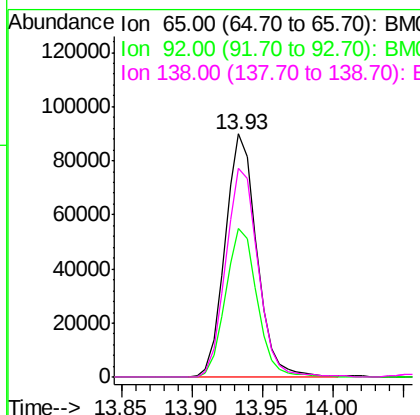
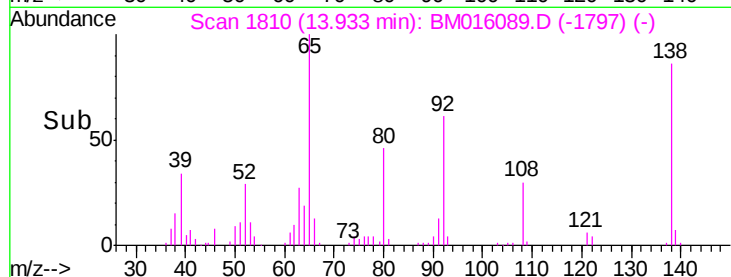
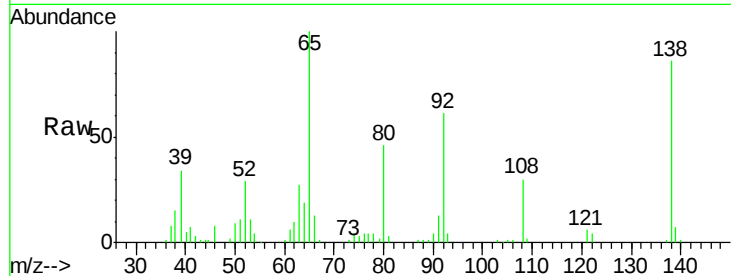
#47
2-Nitroaniline
Concen: 35.411 ng
RT: 13.93 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	59.1	88.7
138	85.6	93.9	140.9

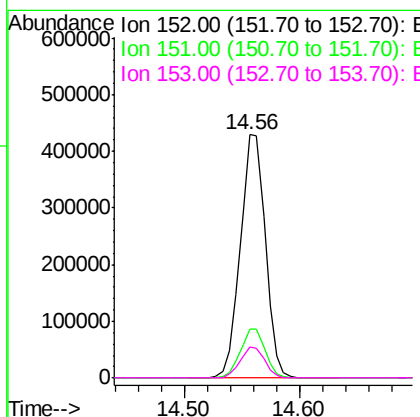
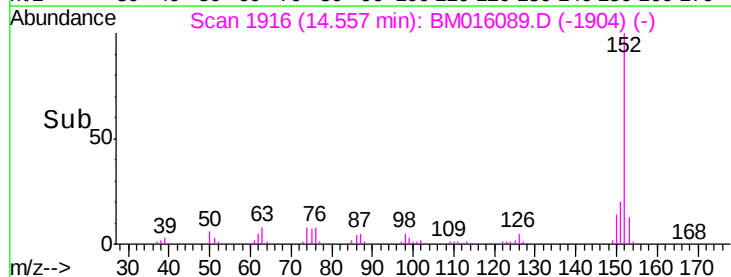
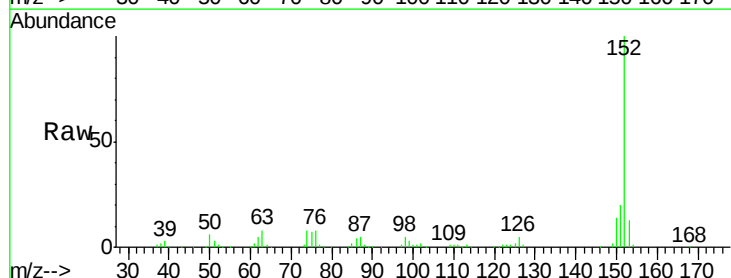
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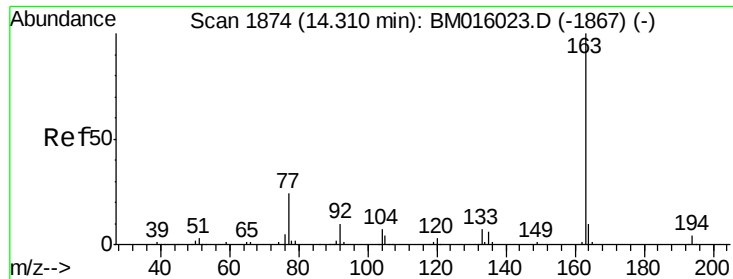
Sohil
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#48
Acenaphthylene
Concen: 36.788 ng
RT: 14.56 min Scan# 1916
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.0	10.6	16.0





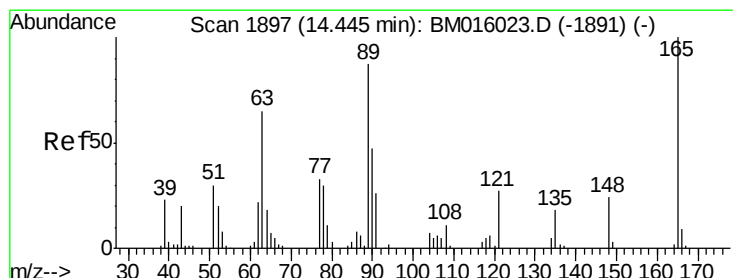
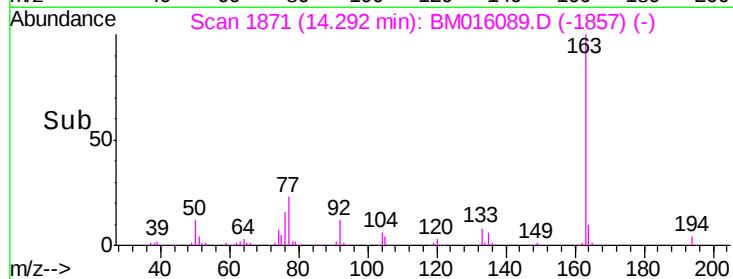
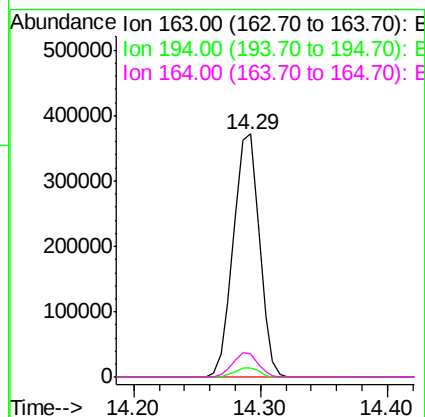
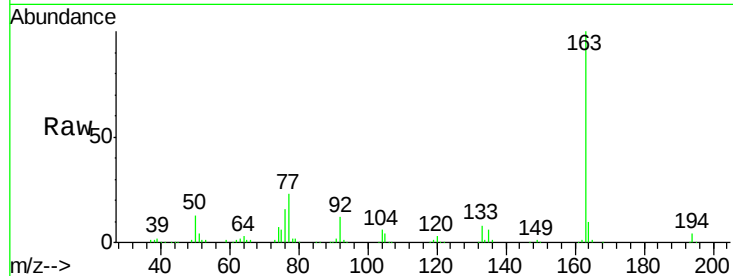
#49
Dimethylphthalate
Concen: 35.287 ng
RT: 14.29 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampled :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	528208		
194	3.9	2.7	4.1	
164	9.6	8.2	12.2	

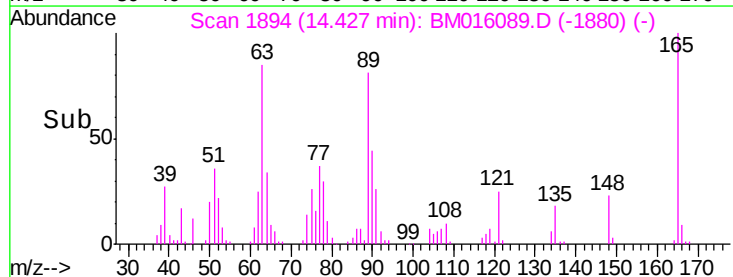
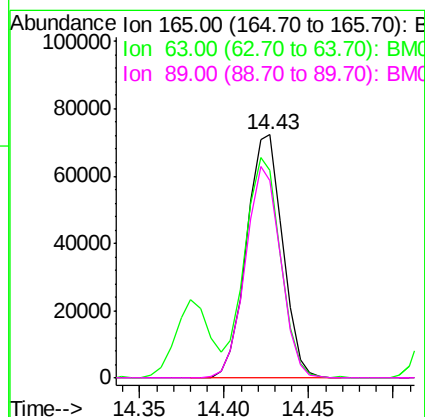
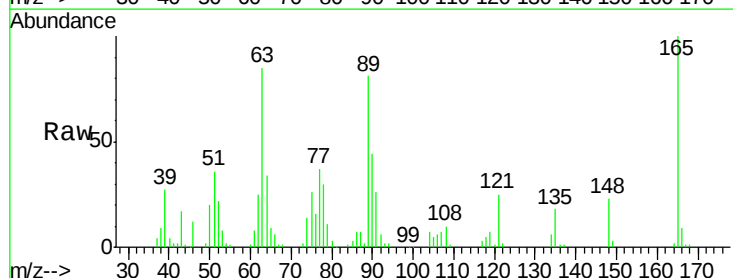
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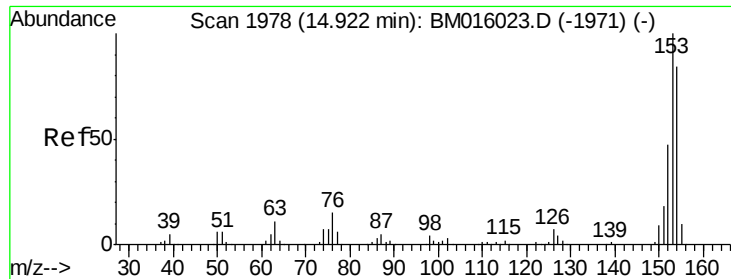
Sohil
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#50
2,6-Dinitrotoluene
Concen: 35.727 ng
RT: 14.43 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	107603		
63	85.3	44.1	66.1#	
89	80.9	44.3	66.5#	





#51

Acenaphthene

Concen: 34.082 ng

RT: 14.90 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BM016089.D

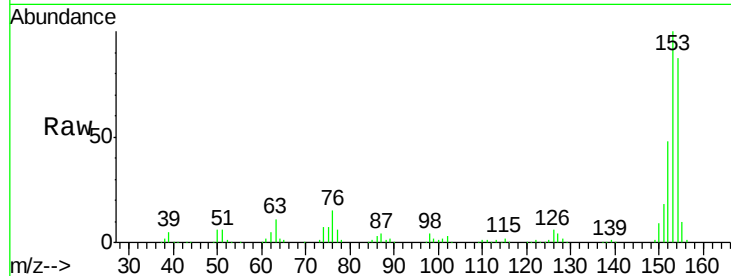
Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

ClientSampleId :

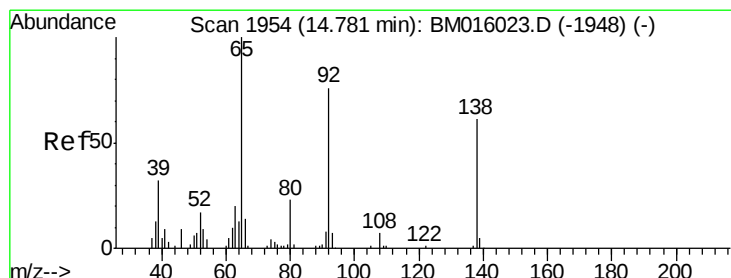
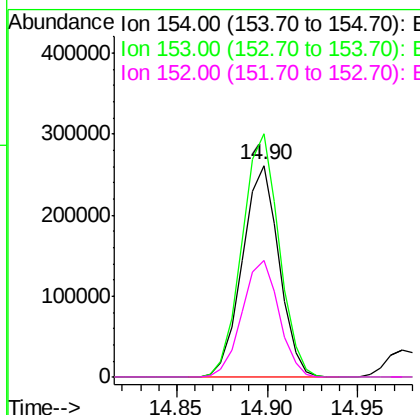
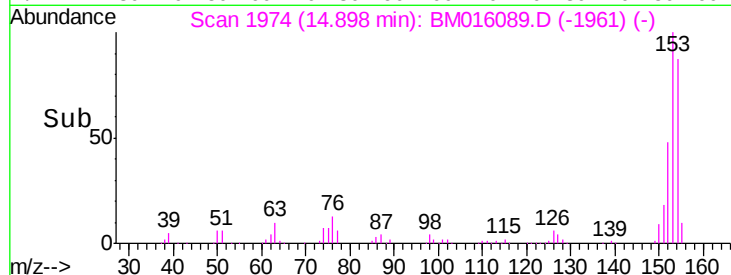
IDOC-02



Tgt Ion:	154	Resp:	368411
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.0	135.0
152	55.2	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

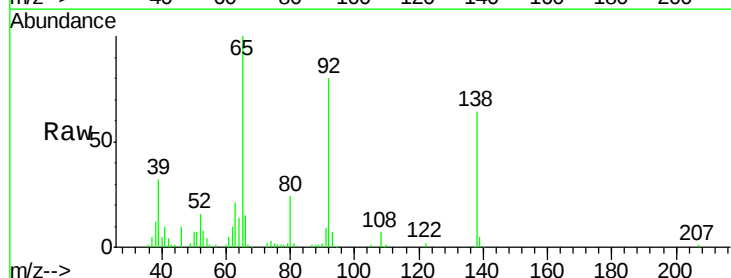
Concen: 21.249 ng

RT: 14.76 min Scan# 1950

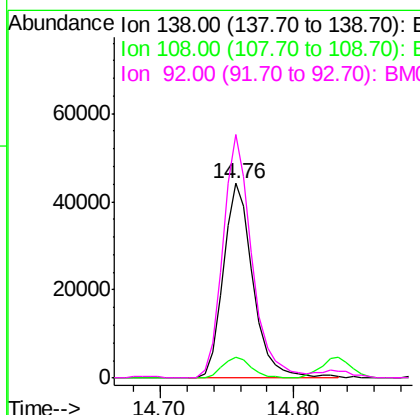
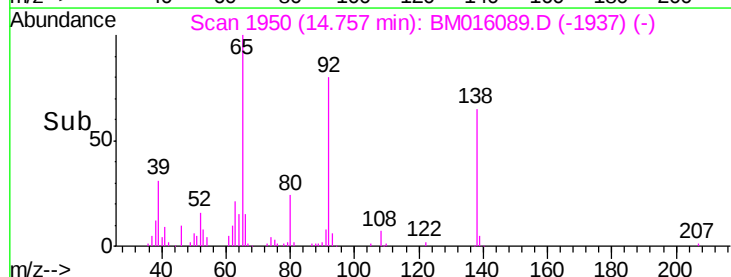
Delta R.T. -0.02 min

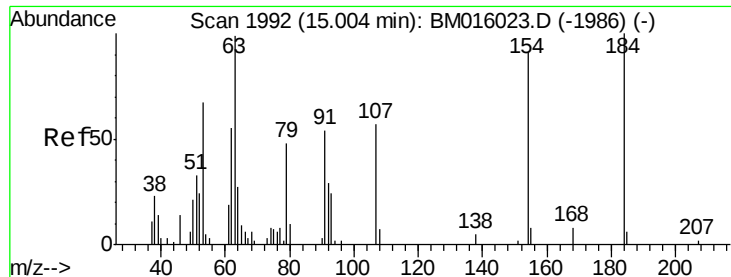
Lab File: BM016089.D

Acq: 27 Jul 2018 01:26



Tgt Ion:	138	Resp:	69126
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.3	10.9
92	125.0	76.6	114.8#





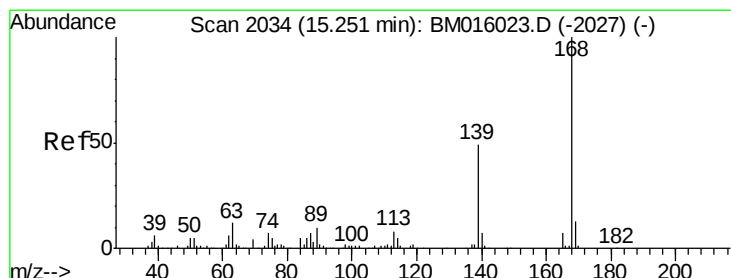
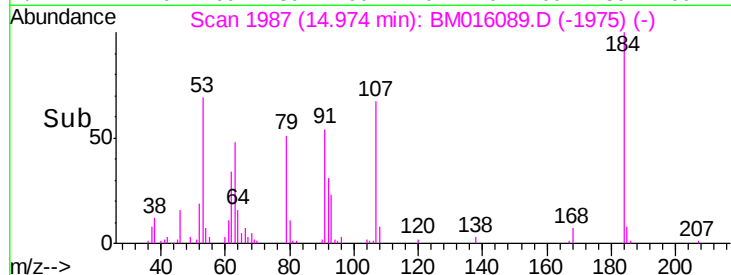
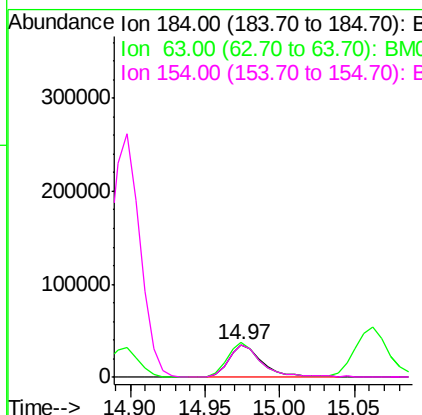
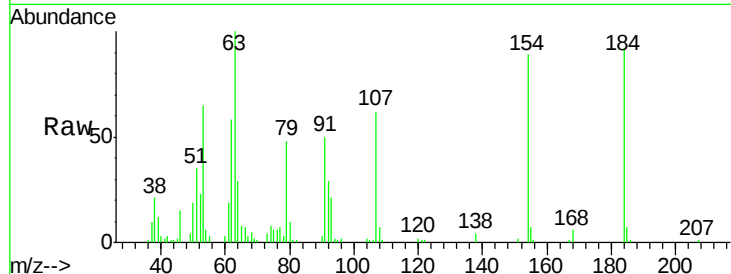
#53
2,4-Dinitrophenol
Concen: 46.079 ng
RT: 14.97 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion:184 Resp: 55960
Ion Ratio Lower Upper
184 100
63 108.3 69.2 103.8#
154 96.8 53.3 79.9#

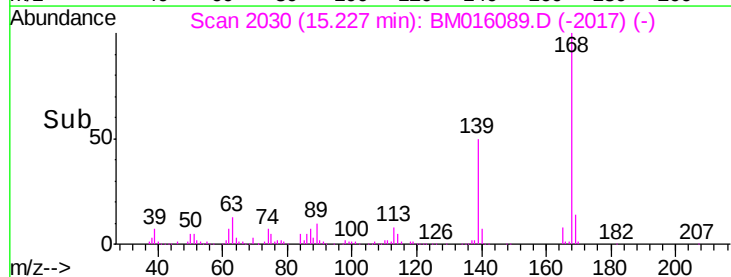
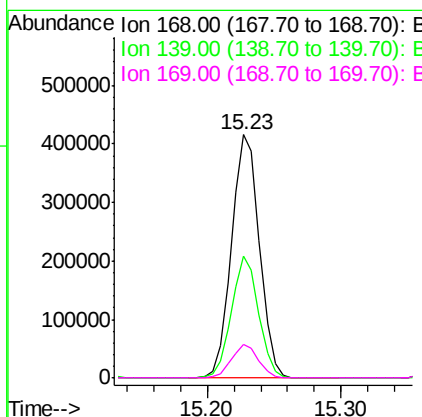
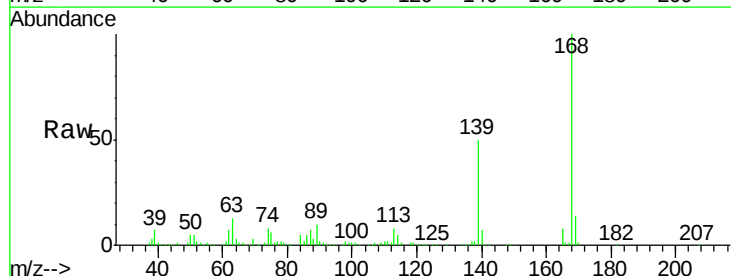
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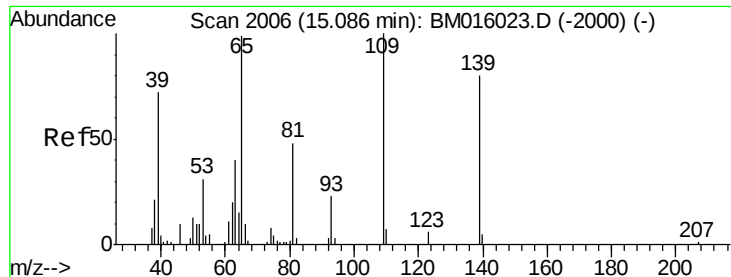
Sohil
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#54
Dibenzofuran
Concen: 33.894 ng
RT: 15.23 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion:168 Resp: 603757
Ion Ratio Lower Upper
168 100
139 50.3 27.3 40.9#
169 13.6 10.6 16.0





#55

4-Nitrophenol

Concen: 71.831 ng

RT: 15.06 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

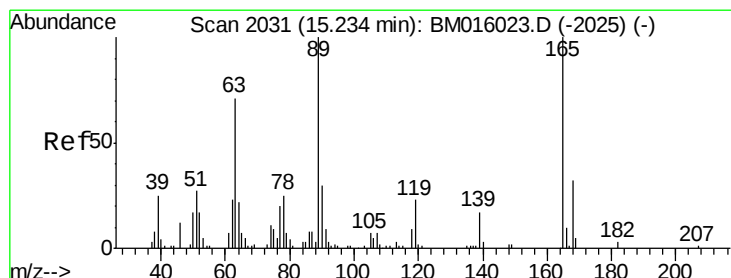
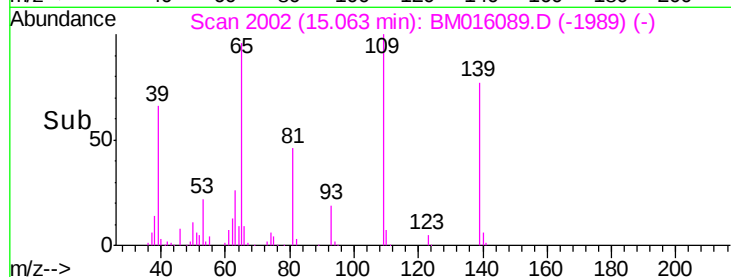
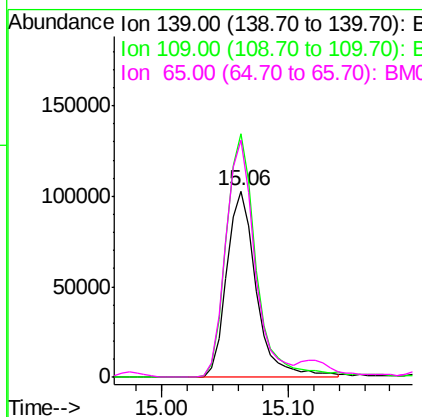
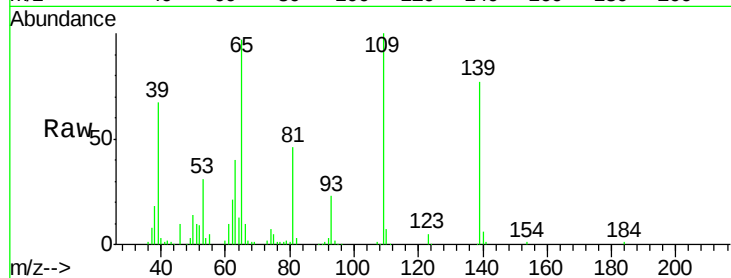
ClientSampleId :

IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	167514		
109	130.5	130.0	170.0	
65	126.8	130.0	170.0	

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#56

2,4-Dinitrotoluene

Concen: 36.485 ng

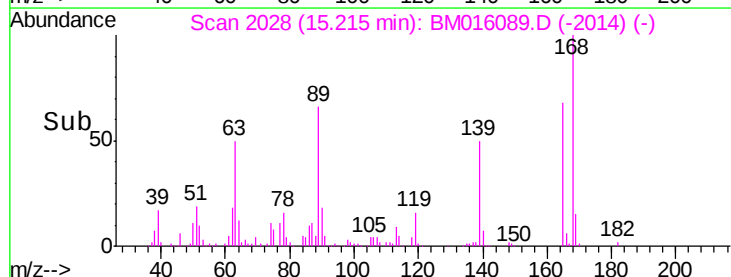
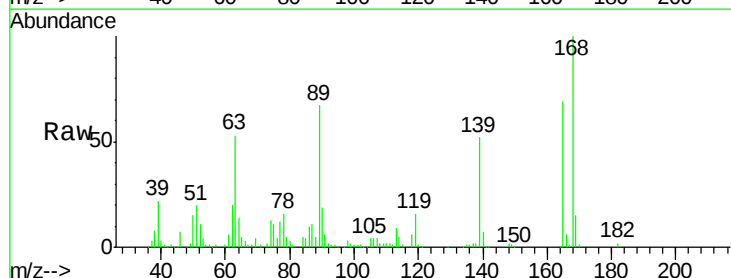
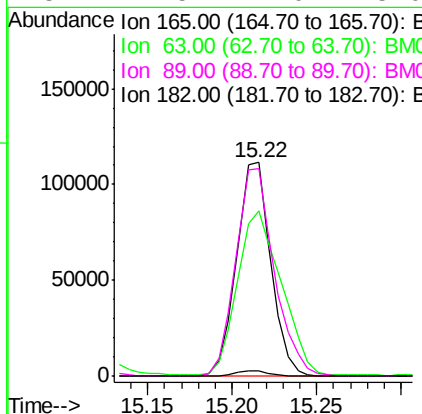
RT: 15.22 min Scan# 2028

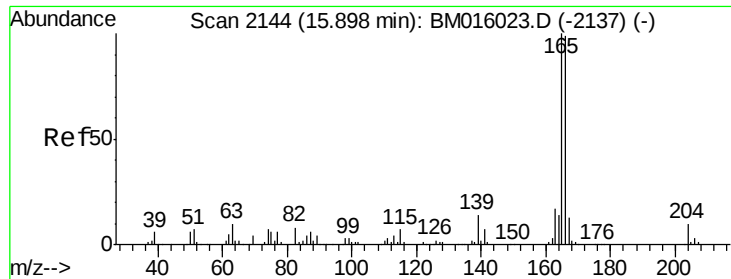
Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157122		
63	77.6	52.4	78.6	
89	97.1	72.4	108.6	
182	2.5	2.0	3.0	





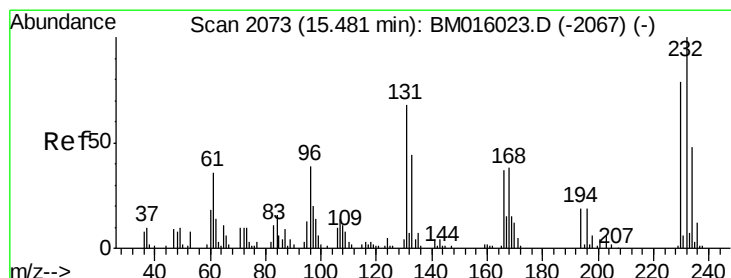
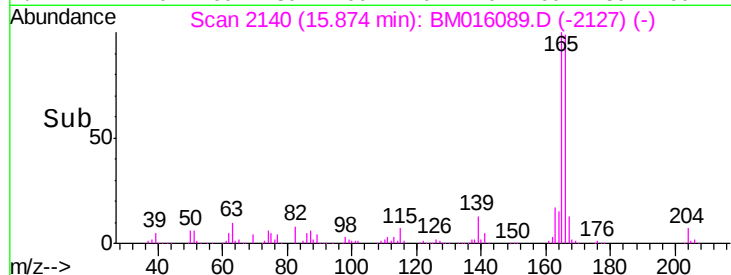
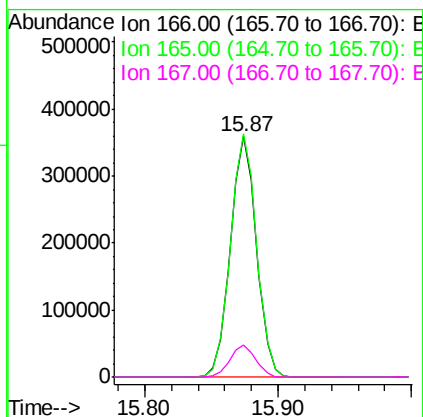
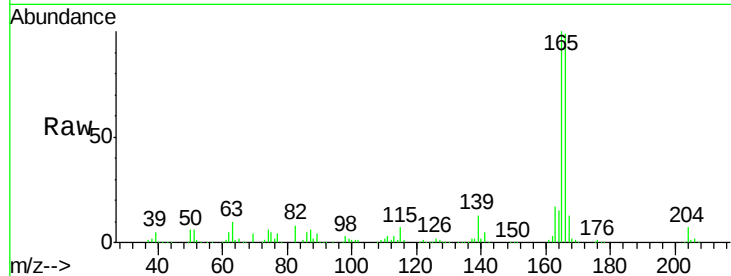
#57
 Fluorene
 Concen: 37.103 ng
 RT: 15.87 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.1	79.0	118.4	
167	13.3	10.3	15.5	

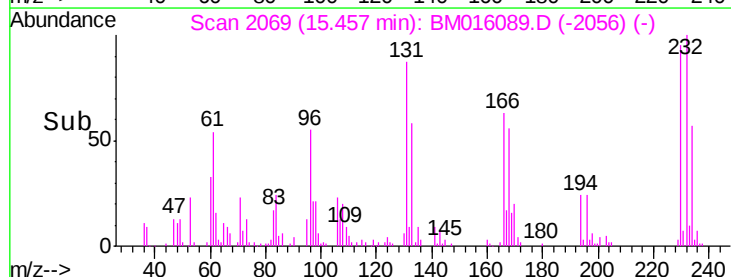
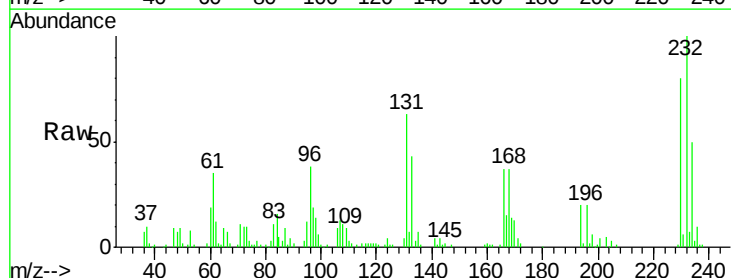
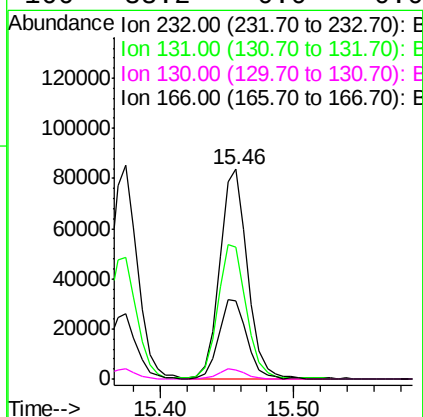
Manual Integrations
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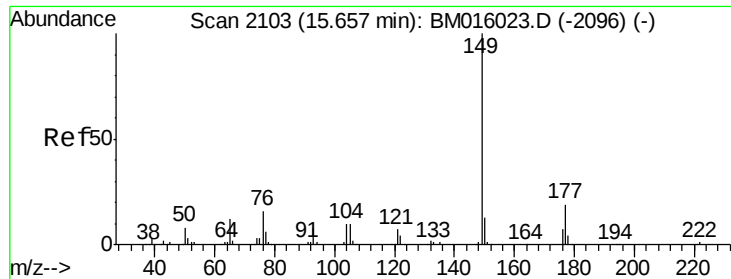
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.931 ng
 RT: 15.46 min Scan# 2069
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	66.2	0.0	0.0#	
130	4.6	0.0	0.0#	
166	38.2	0.0	0.0#	





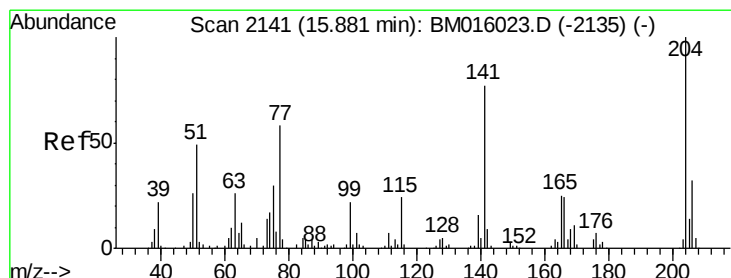
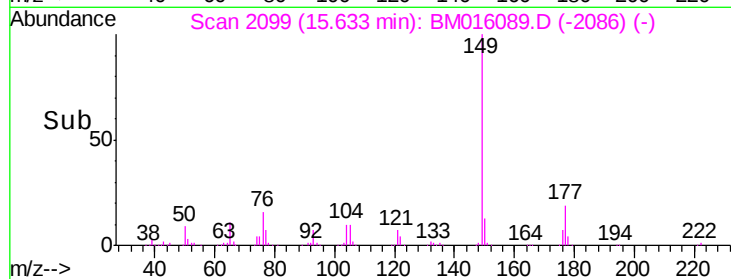
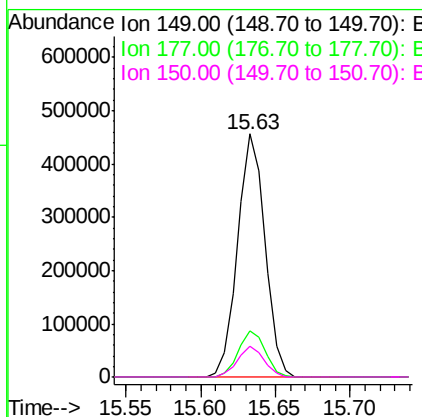
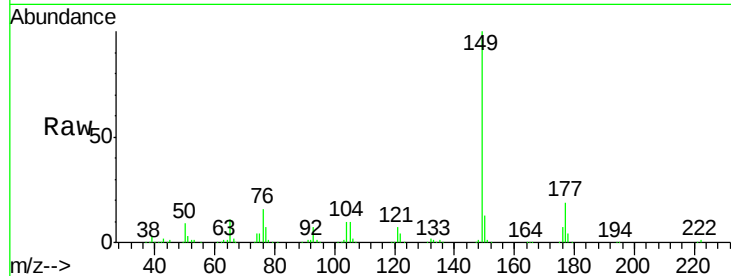
#59
Diethylphthalate
Concen: 36.132 ng
RT: 15.63 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	582975		
177	19.3	18.3	27.5	
150	12.6	9.8	14.8	

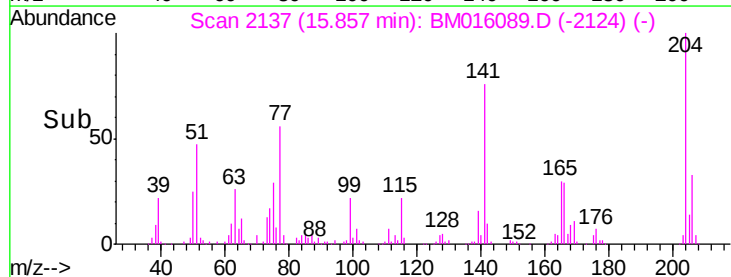
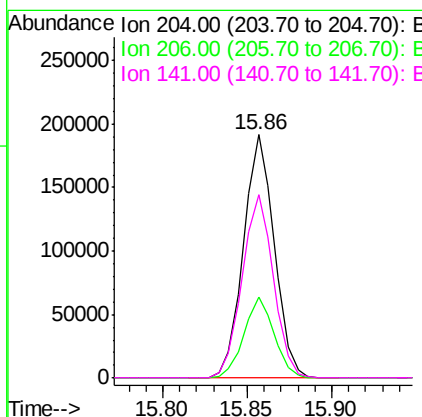
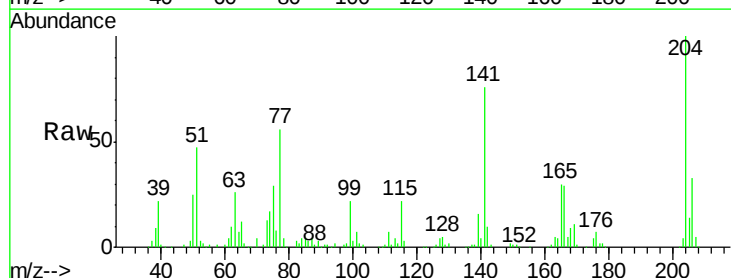
Manual Integrations
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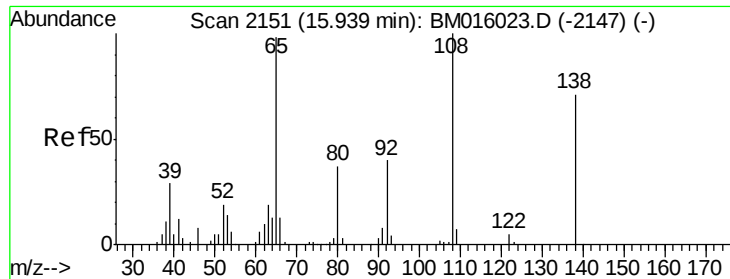
Sohil
7/27/2018 2:05:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.114 ng
RT: 15.86 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	244011		
206	33.5	26.6	39.8	
141	75.5	45.2	67.8#	





#61

4-Nitroaniline

Concen: 31.929 ng

RT: 15.92 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

ClientSampled :

IDOC-02

Tgt Ion: 138 Resp: 99657
Ion Ratio Lower Upper

138 100

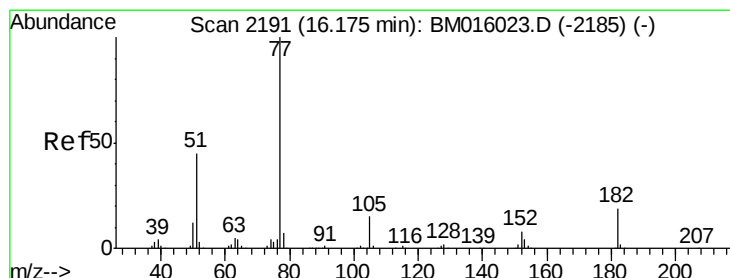
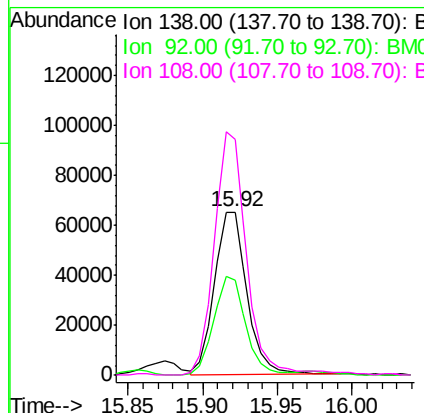
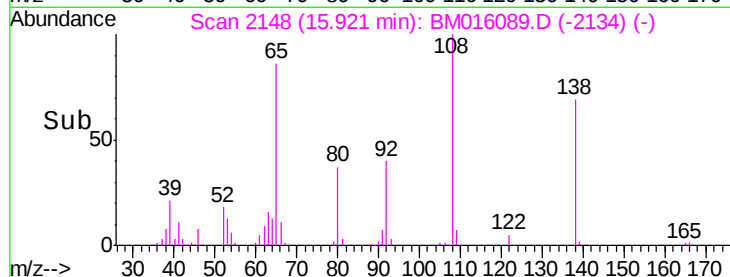
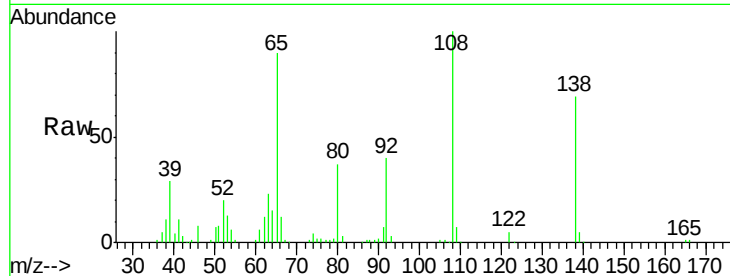
92 58.1 16.7 56.7#

108 144.2 37.6 77.6#

Manual Integrations
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Sohil

7/27/2018 2:05:04 PM



#62

Azobenzene

Concen: 36.980 ng

RT: 16.15 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

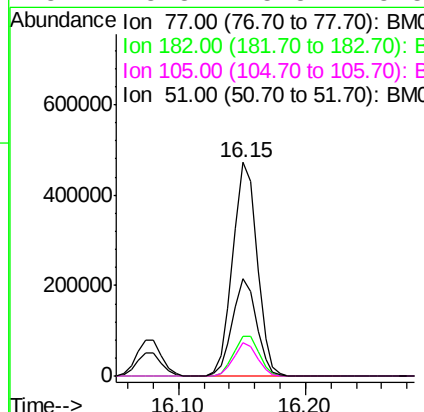
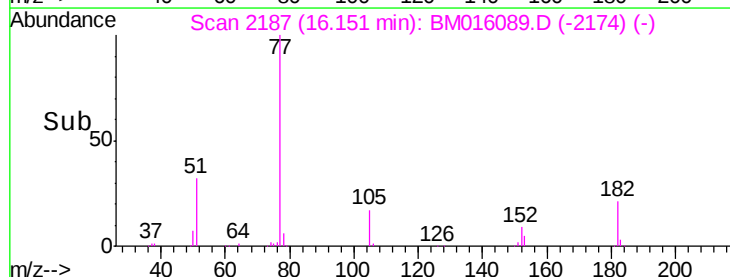
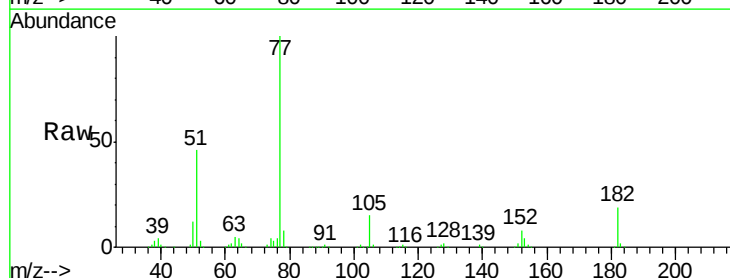
Tgt Ion: 77 Resp: 628373
Ion Ratio Lower Upper

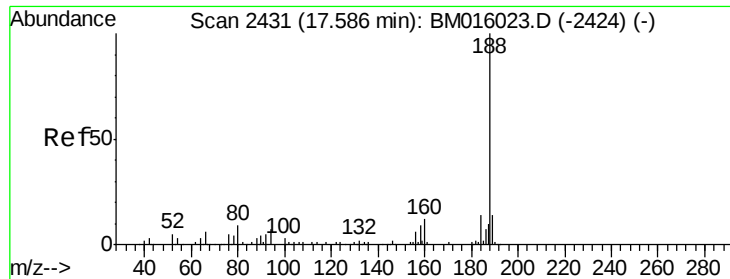
77 100

182 18.9 6.5 46.5

105 15.4 3.8 43.8

51 45.8 5.5 45.5#





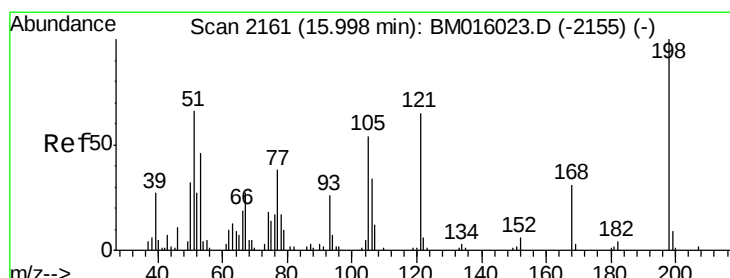
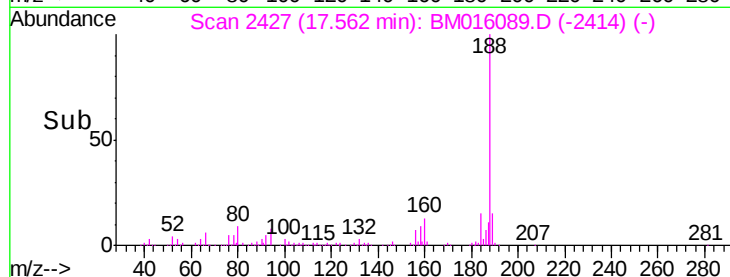
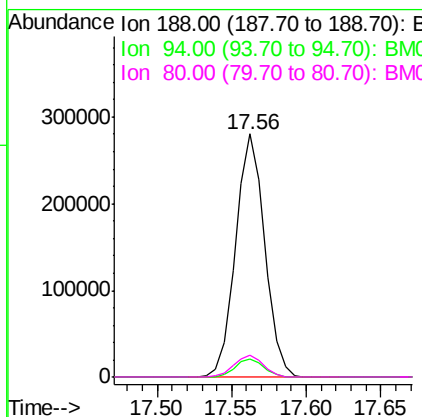
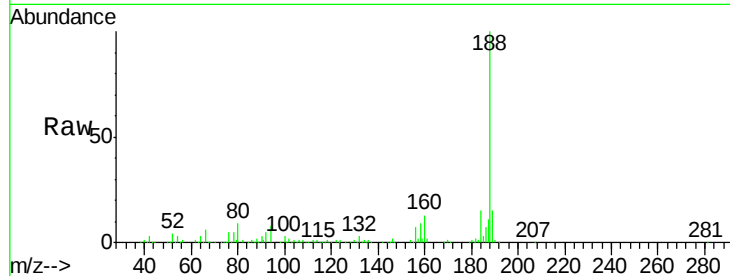
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	8.7	13.1#
80	9.1	9.3	13.9#

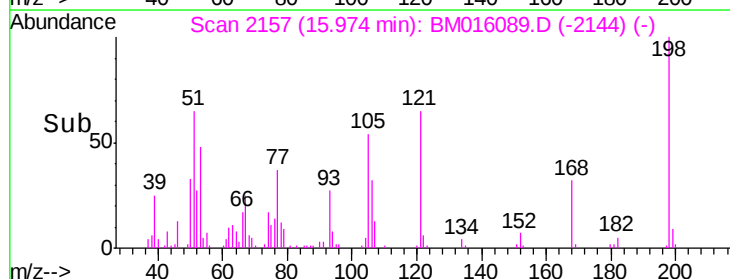
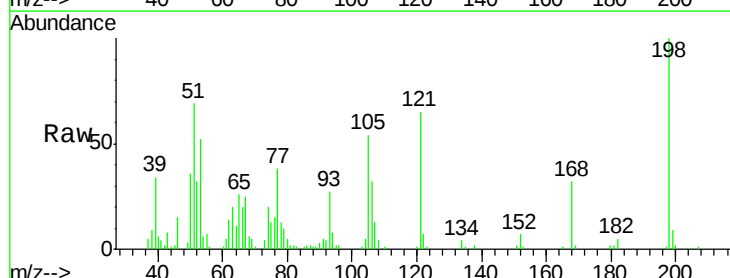
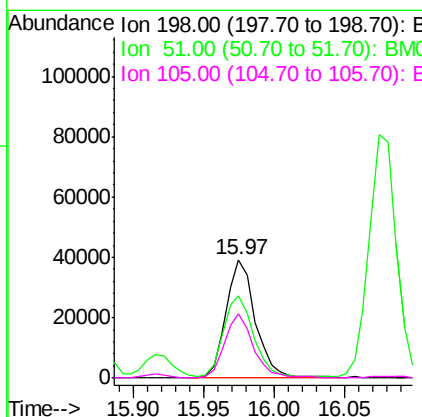
Manual Integrations
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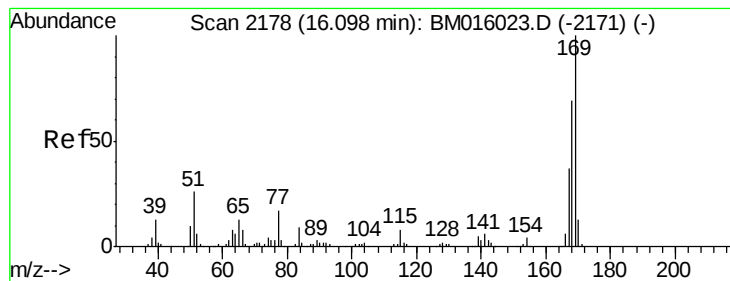
Sohil
7/27/2018 2:05:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 24.689 ng
RT: 15.97 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.4	28.8	68.8#
105	53.8	30.5	70.5





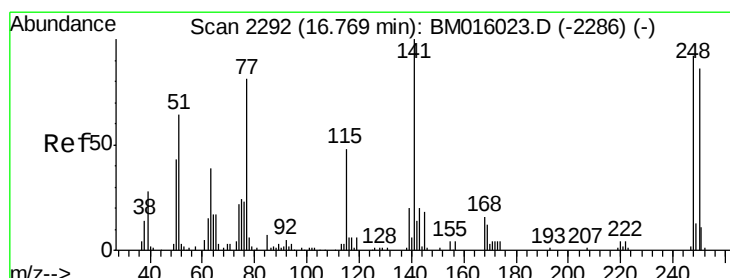
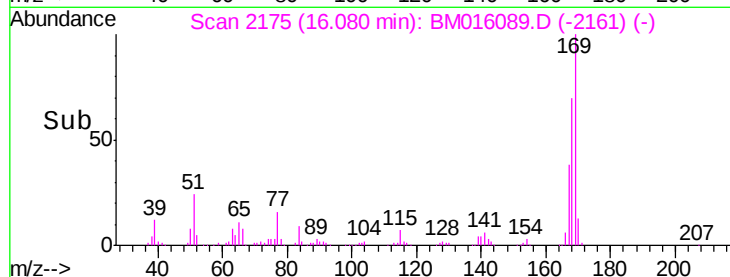
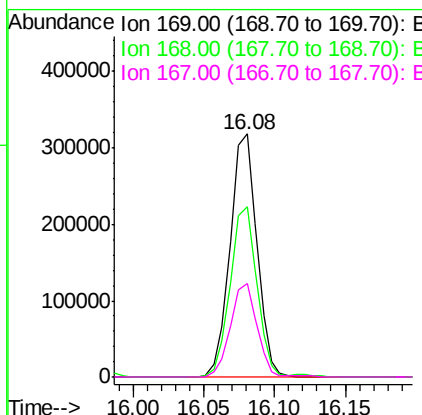
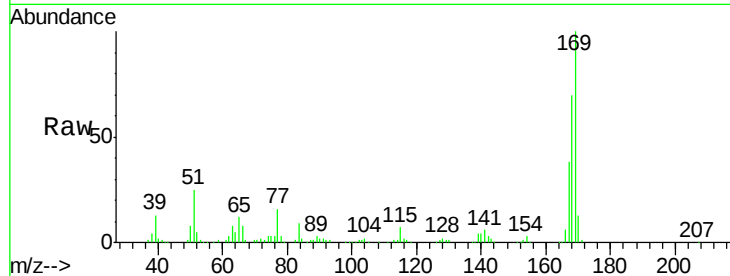
#65
n-Nitrosodiphenylamine
Concen: 33.710 ng
RT: 16.08 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	422908		
168	70.3	53.9	80.9	
167	38.3	28.9	43.3	

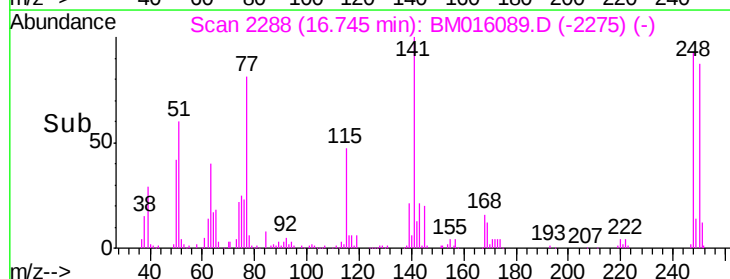
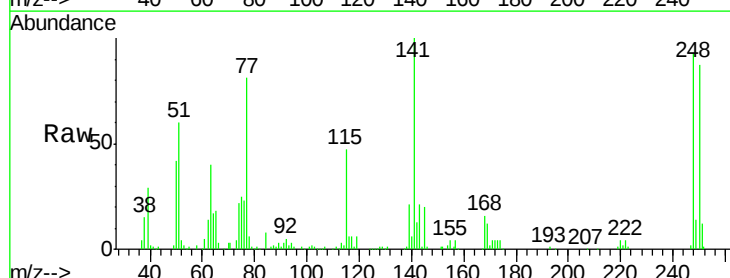
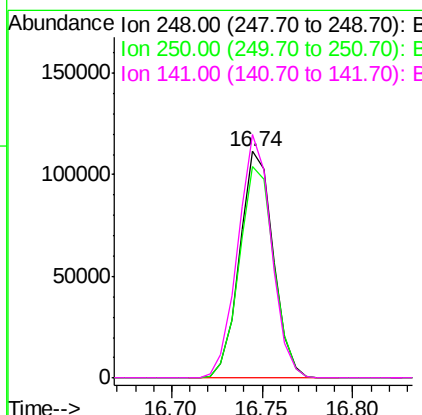
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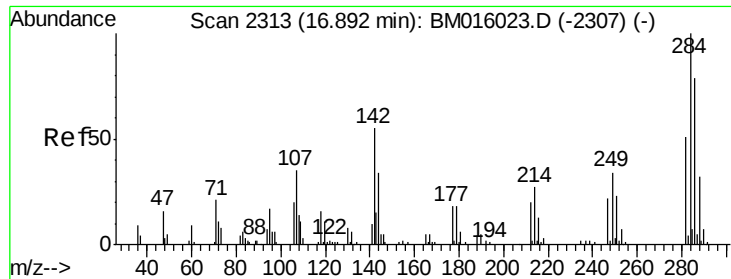
Sohil
7/27/2018 2:05:04 PM



#66
4-Bromophenyl-phenylether
Concen: 33.326 ng
RT: 16.74 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	143770		
250	93.6	77.4	116.0	
141	107.4	45.2	67.8#	





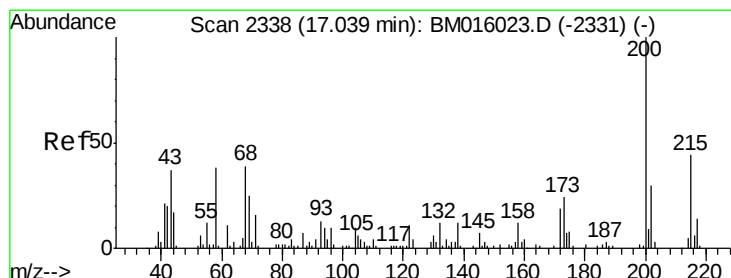
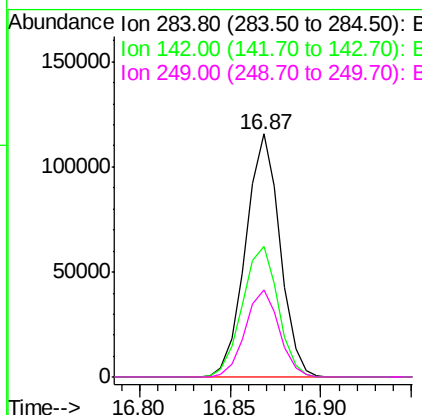
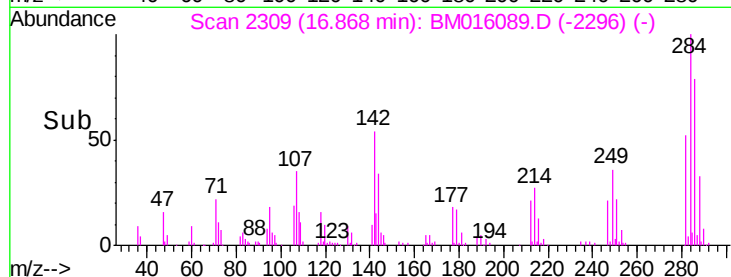
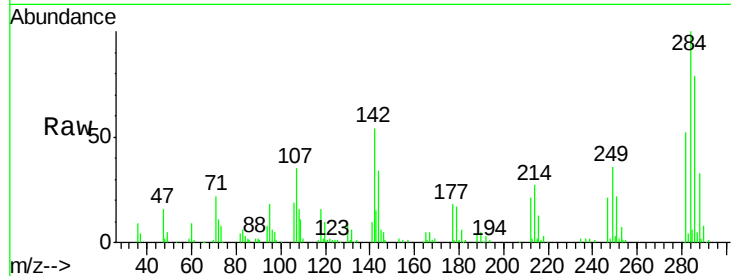
#67
Hexachlorobenzene
Concen: 32.122 ng
RT: 16.87 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	54.0	20.4	30.6#
249	35.7	23.8	35.6#

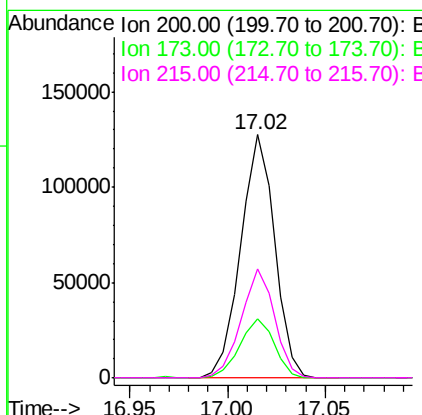
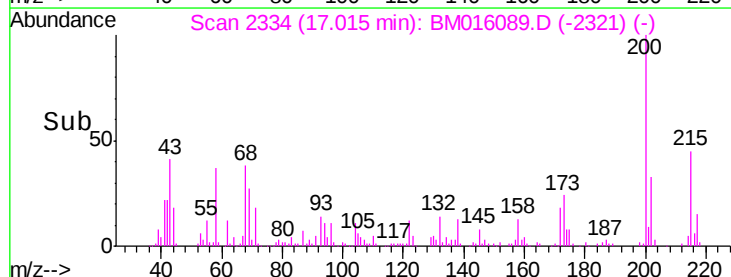
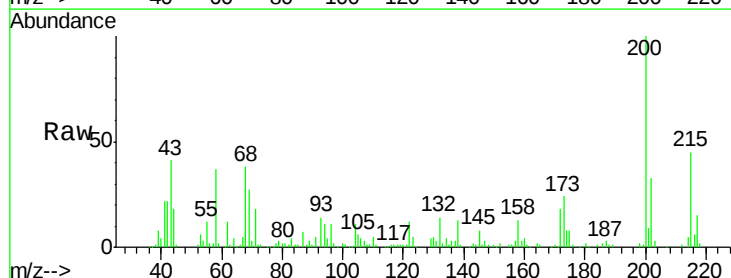
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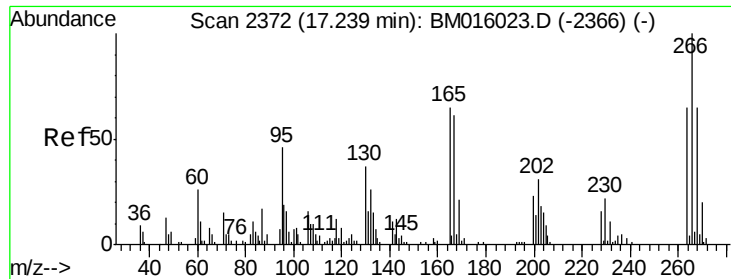
Sohil
7/27/2018 2:05:04 PM



#68
Atrazine
Concen: 34.300 ng
RT: 17.02 min Scan# 2334
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.5	4.8	44.8
215	44.6	26.9	66.9





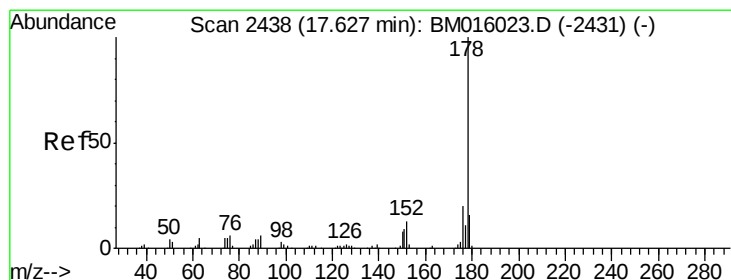
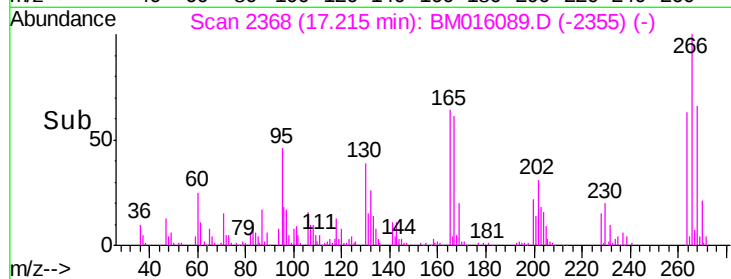
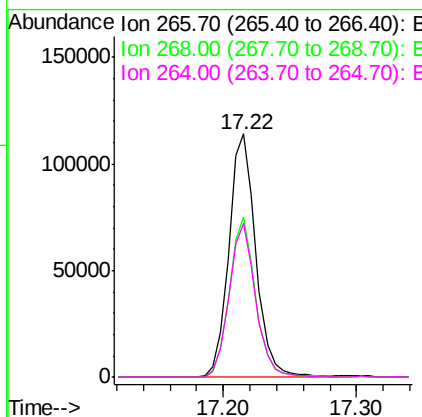
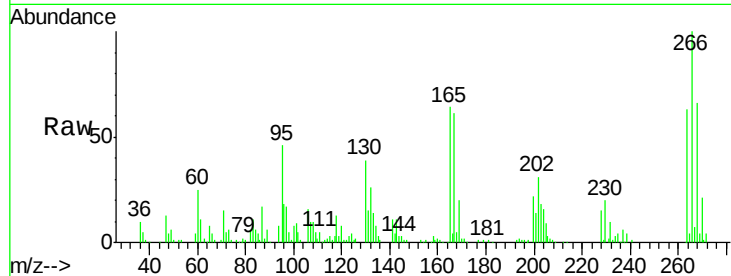
#69
 Pentachlorophenol
 Concen: 54.914 ng
 RT: 17.22 min Scan# 2368
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	52.0	78.0
264	63.4	49.0	73.4

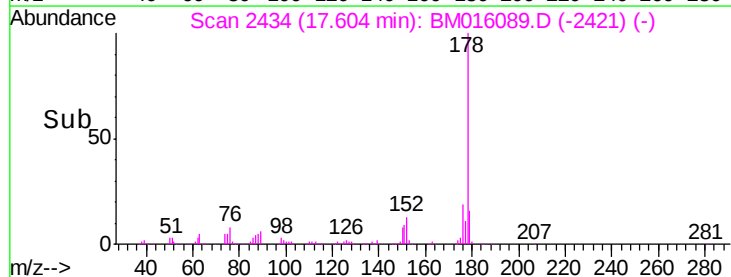
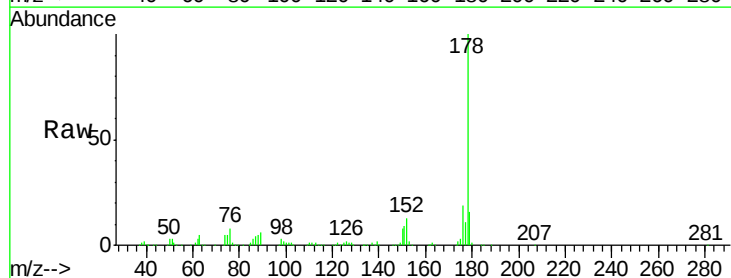
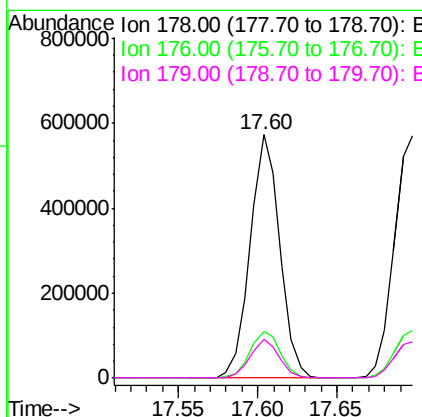
Manual Integrations
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Sohil
 7/27/2018 2:05:04 PM



#70
 Phenanthrene
 Concen: 34.947 ng
 RT: 17.60 min Scan# 2434
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.7	12.1	18.1





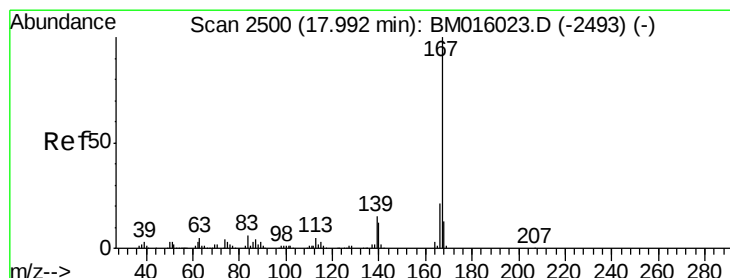
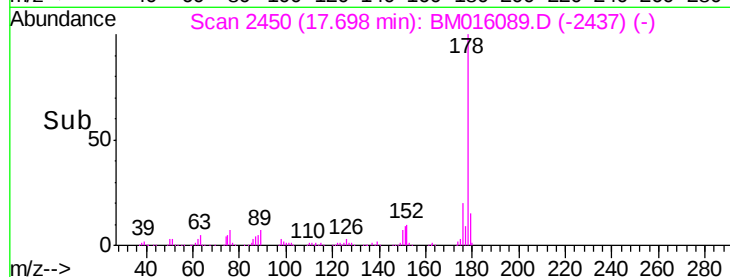
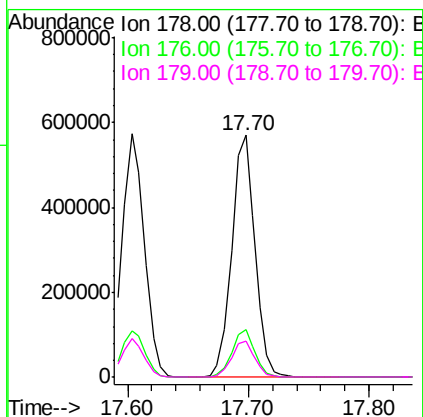
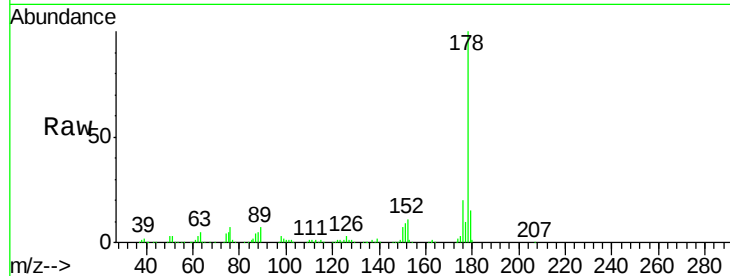
#71
 Anthracene
 Concen: 36.871 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	22.0
179	15.2	12.6	19.0

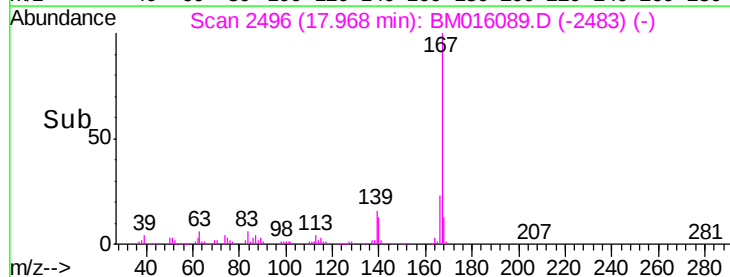
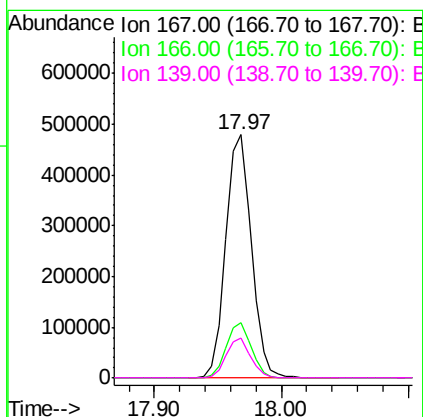
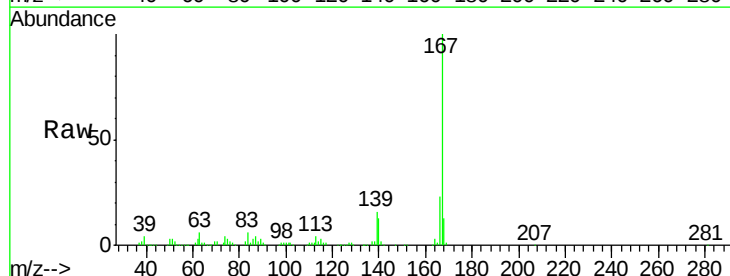
Manual Integrations
 APPROVED

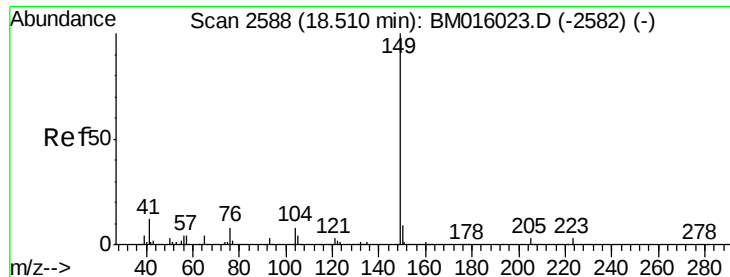
Sohil
 7/27/2018 2:05:04 PM



#72
 Carbazole
 Concen: 31.322 ng
 RT: 17.97 min Scan# 2496
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.2	25.8
139	16.4	10.8	16.2#





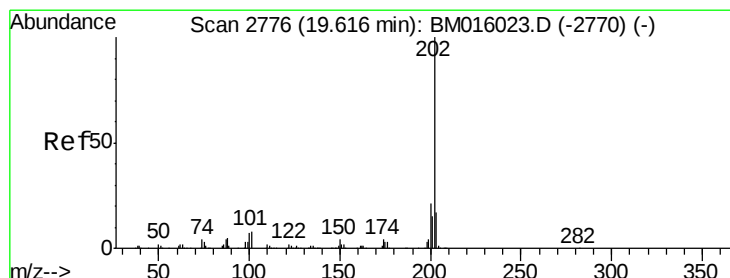
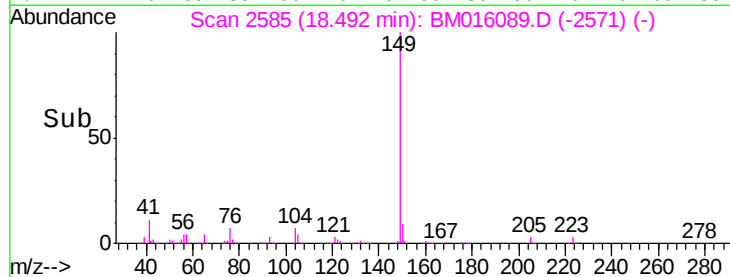
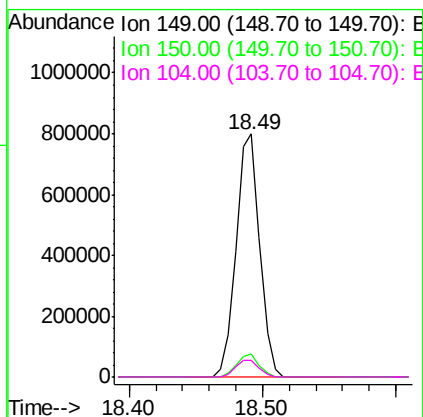
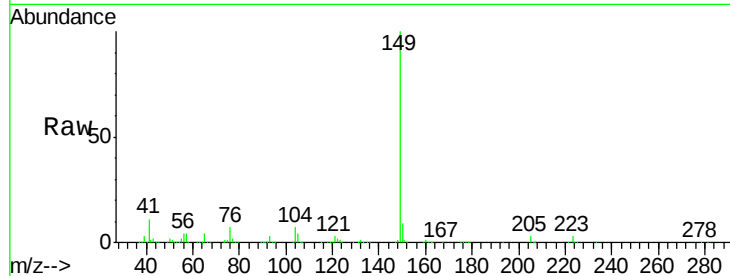
#73
Di-n-butylphthalate
Concen: 36.638 ng
RT: 18.49 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	980473		
150	9.5	7.5	11.3	
104	7.2	3.7	5.5	

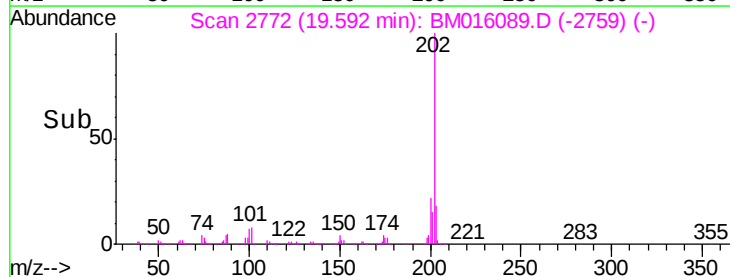
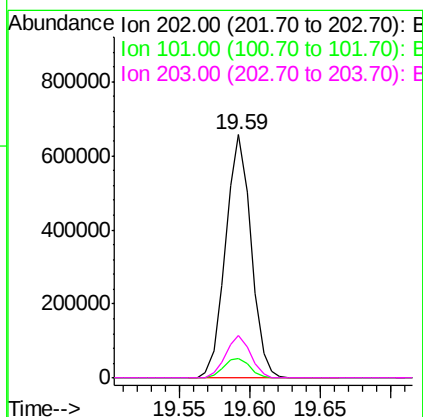
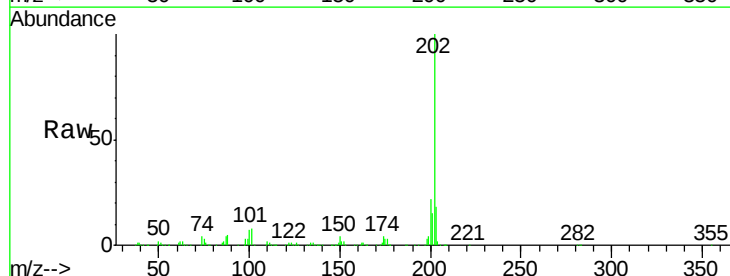
Manual Integrations
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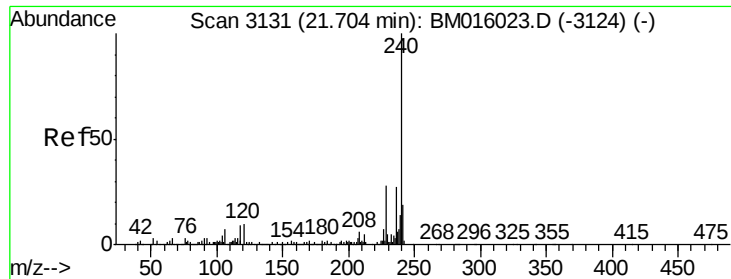
Sohil
7/27/2018 2:05:04 PM



#74
Fluoranthene
Concen: 34.760 ng
RT: 19.59 min Scan# 2772
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	827053		
101	8.2	0.0	28.7	
203	17.5	0.0	37.2	





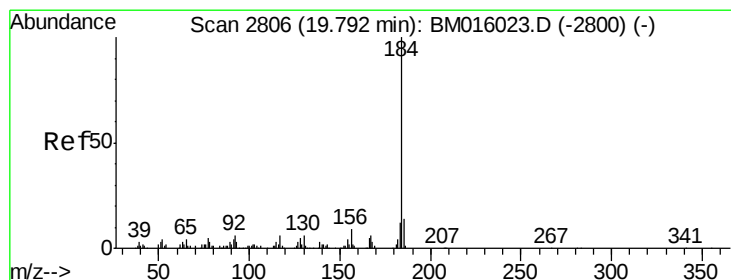
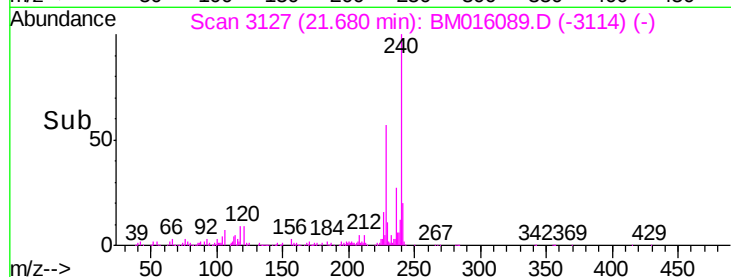
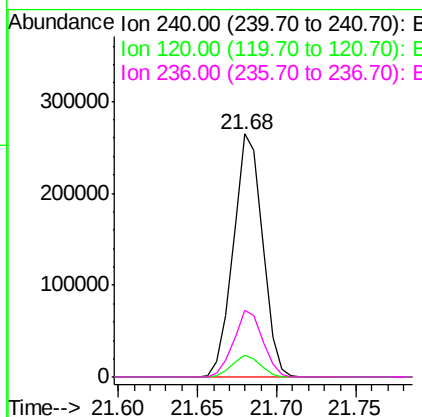
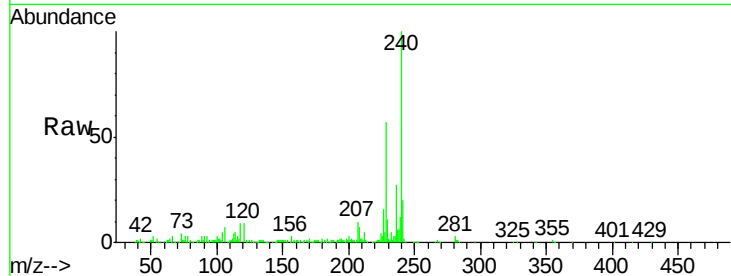
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.2	8.2	12.2		
236	27.4	20.0	30.0		

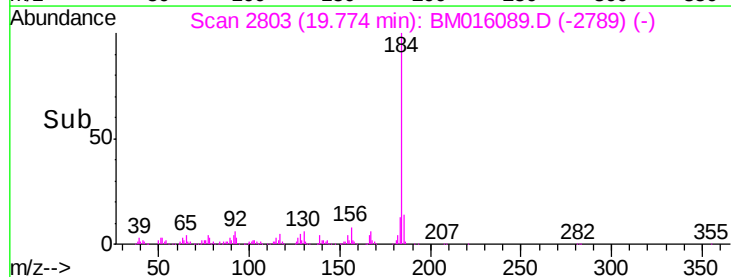
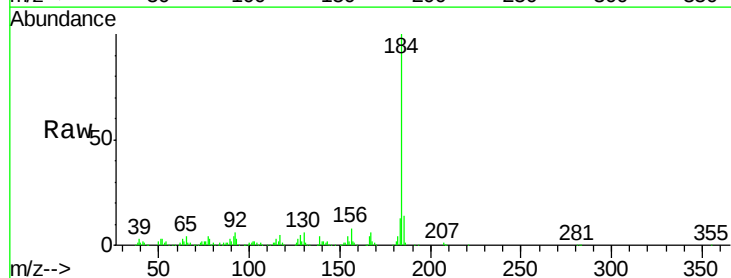
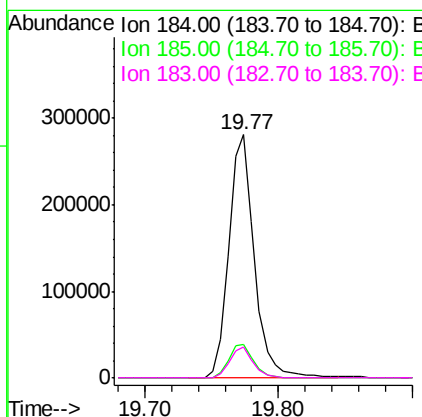
Manual Integrations
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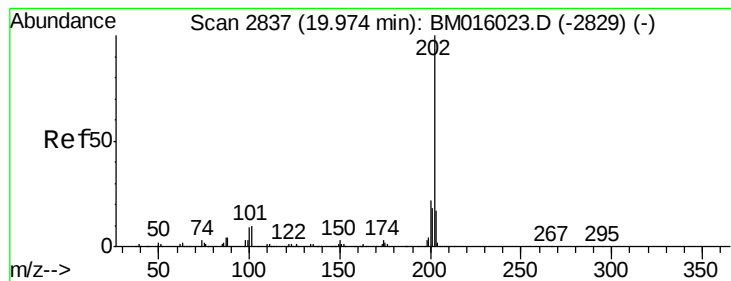
Sohil
7/27/2018 2:05:04 PM



#76
Benzidine
Concen: 39.716 ng
RT: 19.77 min Scan# 2803
Delta R.T. -0.02 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt	Ion	Ratio	Resp	Lower	Upper
184	100				
185	13.7	11.3	16.9		
183	12.6	8.9	13.3		





#77

Pyrene

Concen: 41.059 ng

RT: 19.95 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

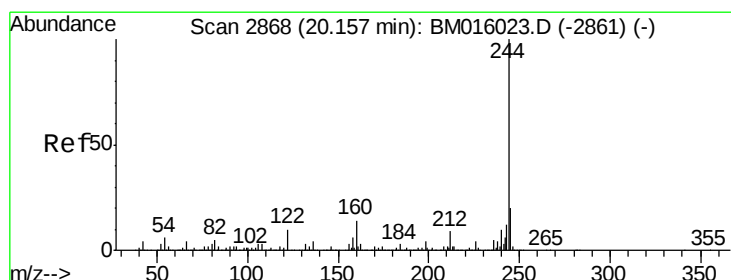
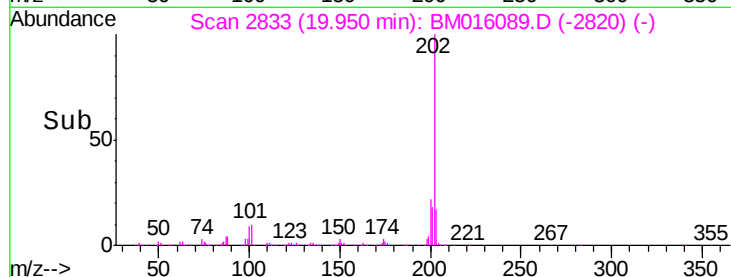
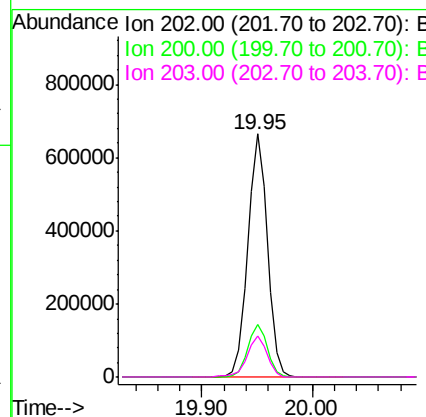
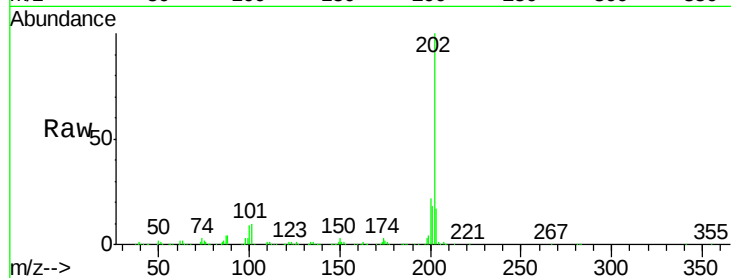
ClientSampleId :

IDOC-02

Tgt Ion:	202	Resp:	833244
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.9	25.3
203	17.1	14.1	21.1

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#78

Terphenyl-d14

Concen: 41.059 ng

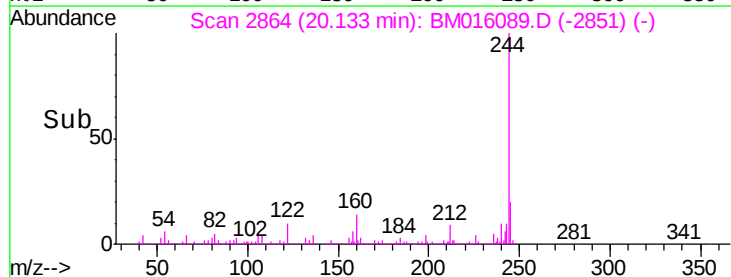
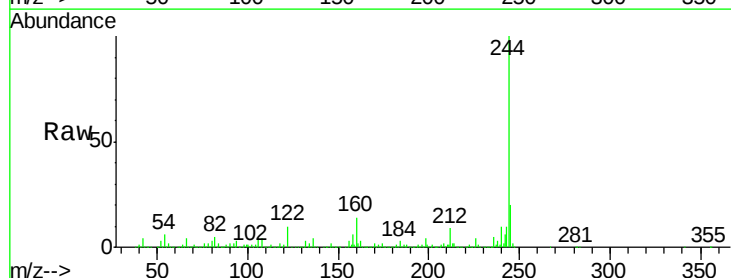
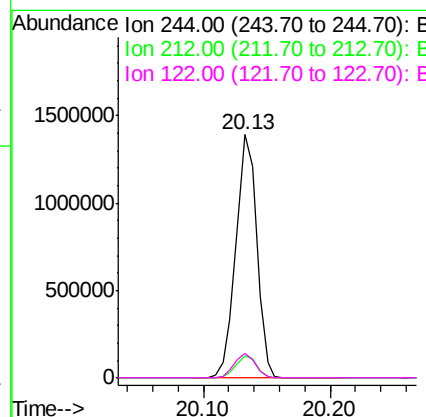
RT: 20.13 min Scan# 2864

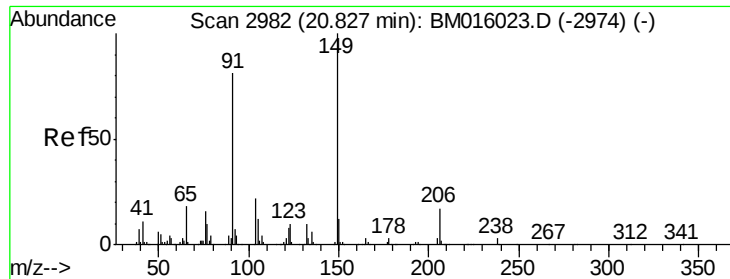
Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Tgt Ion:	244	Resp:	1577502
Ion Ratio	Lower	Upper	
244	100		
212	9.3	4.9	7.3#
122	10.2	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 41.391 ng

RT: 20.81 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

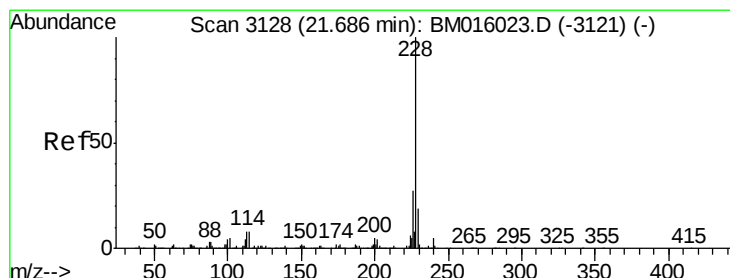
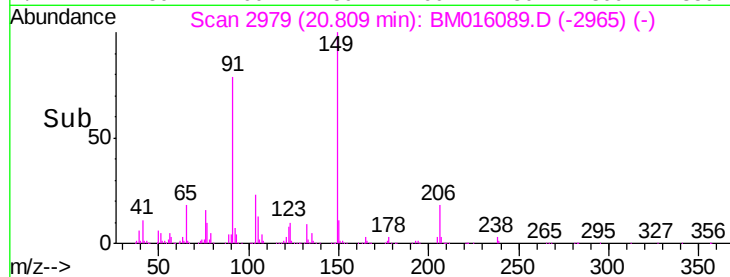
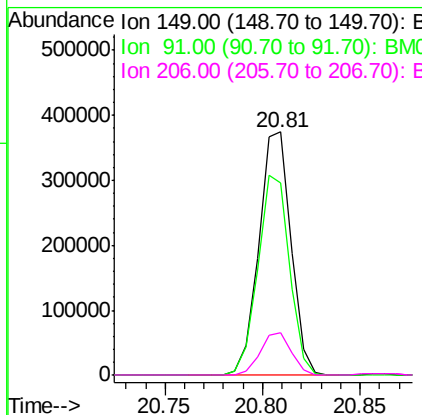
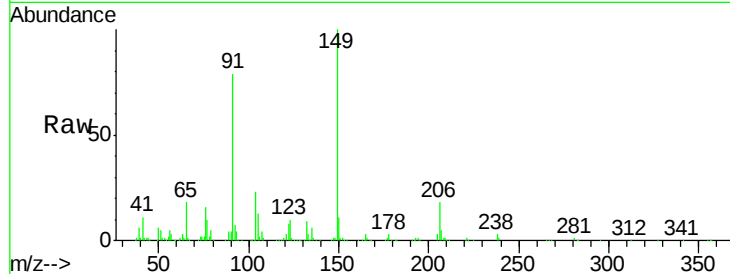
ClientSampleId :

IDOC-02

Tgt Ion:	149	Resp:	426714
Ion Ratio	Lower	Upper	
149	100		
91	79.1	50.1	75.1#
206	17.6	16.2	24.2

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 35.731 ng

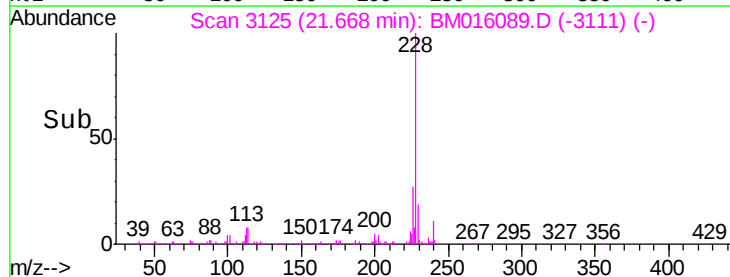
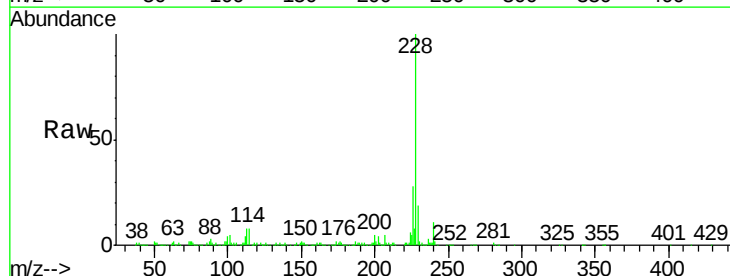
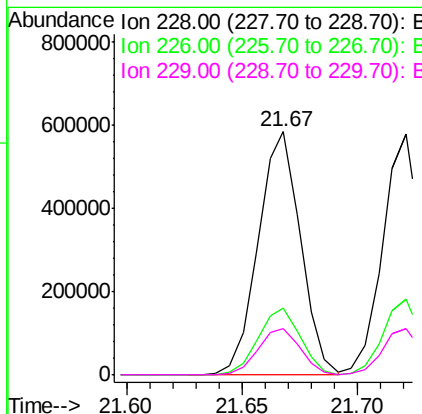
RT: 21.67 min Scan# 3125

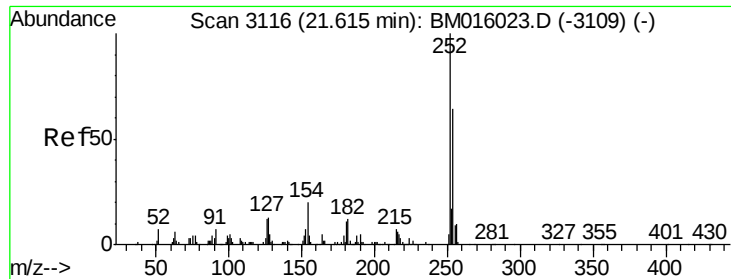
Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Tgt Ion:	228	Resp:	745242
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.7	32.5
229	18.9	16.0	24.0





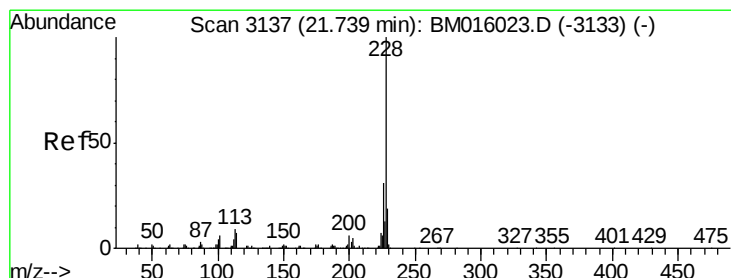
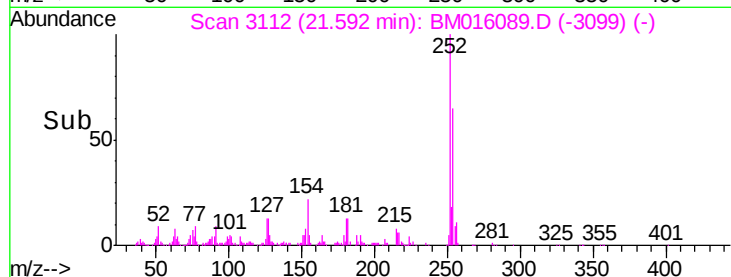
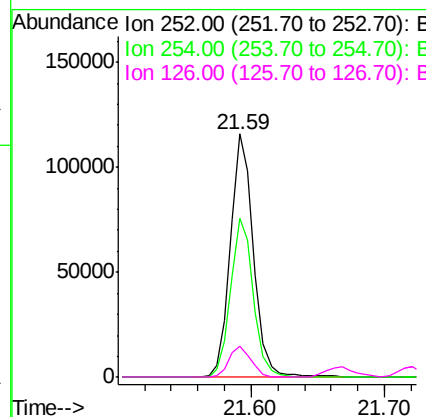
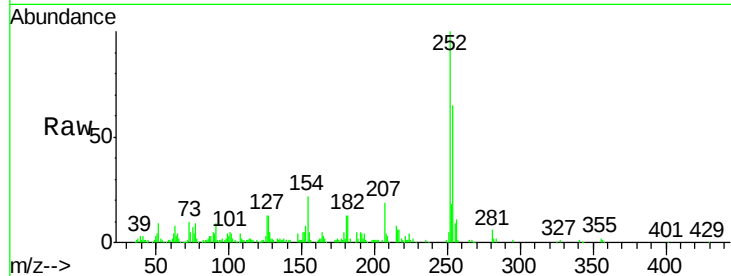
#81
 3,3'-Dichlorobenzidine
 Concen: 16.809 ng
 RT: 21.59 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	12.7	9.8	14.8

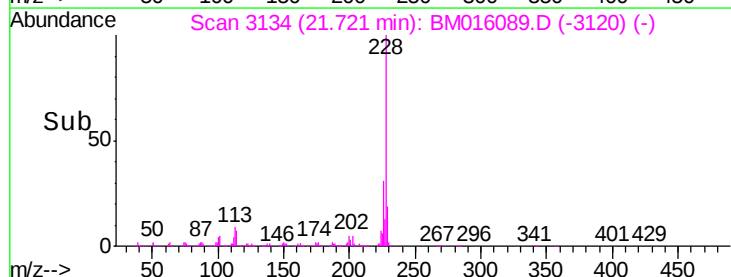
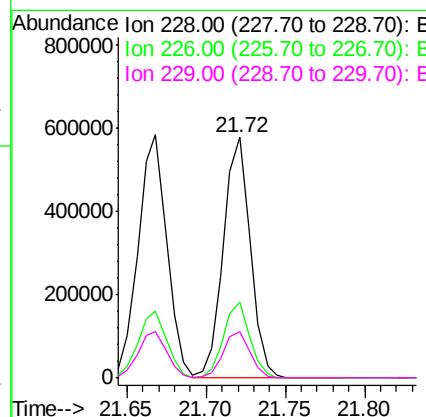
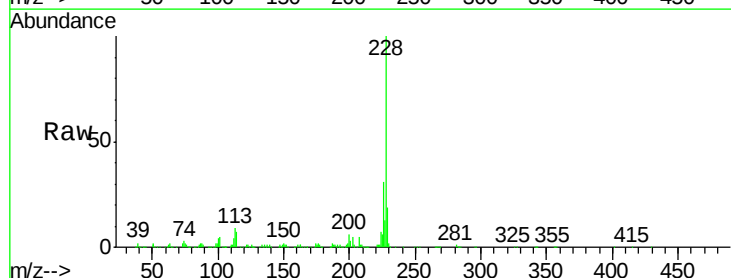
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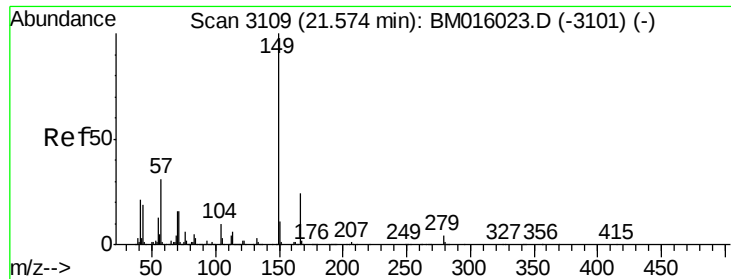
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#82
 Chrysene
 Concen: 34.161 ng
 RT: 21.72 min Scan# 3134
 Delta R.T. -0.02 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.1	36.1
229	19.4	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.361 ng

RT: 21.56 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

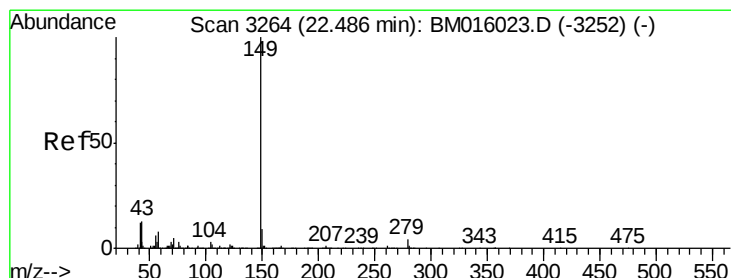
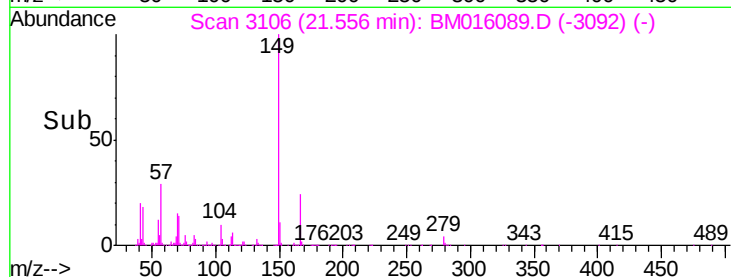
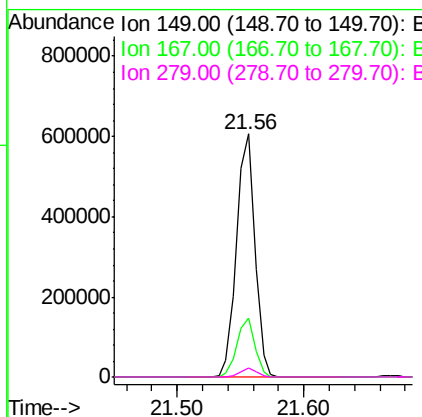
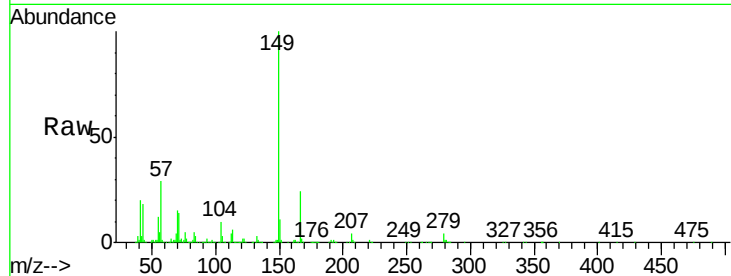
ClientSampleId :

IDOC-02

Tgt Ion:	149	Resp:	603038
Ion Ratio	Lower	Upper	
149	100		
167	24.2	22.4	33.6
279	3.7	3.4	5.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 35.291 ng

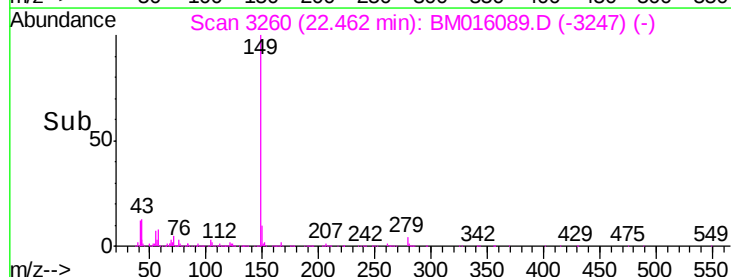
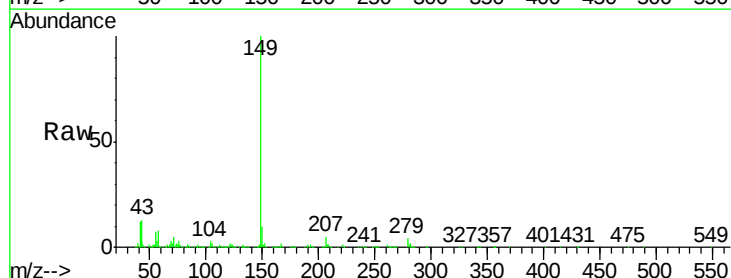
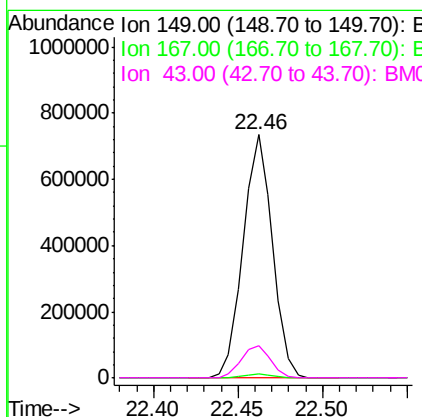
RT: 22.46 min Scan# 3260

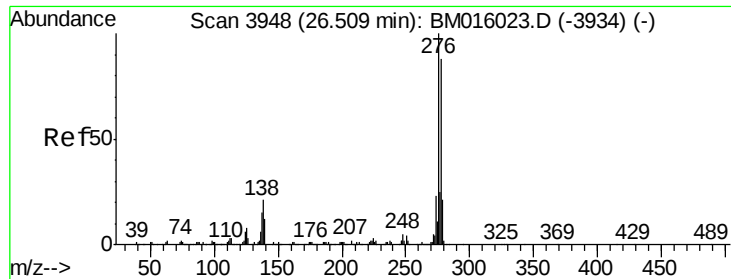
Delta R.T. -0.02 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Tgt Ion:	149	Resp:	886182
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	13.9	7.3	10.9#





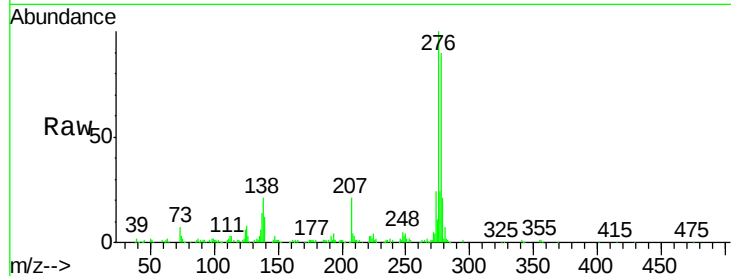
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.958 ng
 RT: 26.46 min Scan# 3940
 Delta R.T. -0.05 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampled :
 IDOC-02

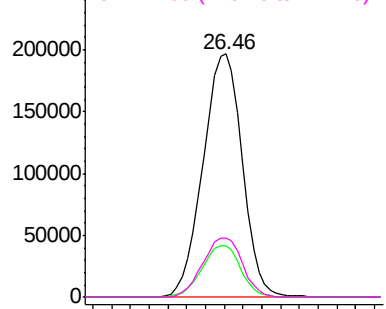
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	12.0	18.0#
277	25.0	20.0	30.0

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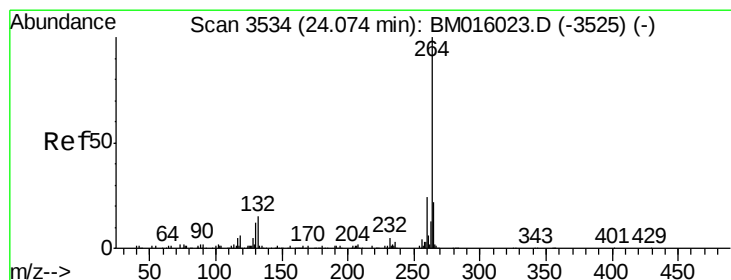
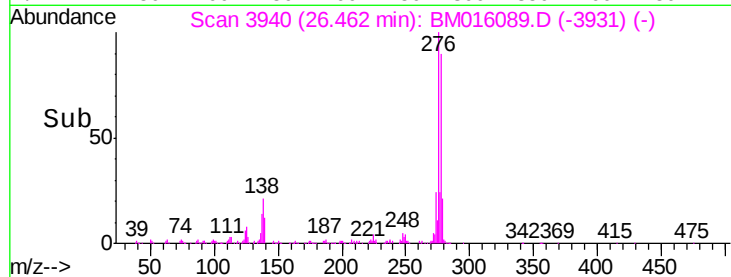
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

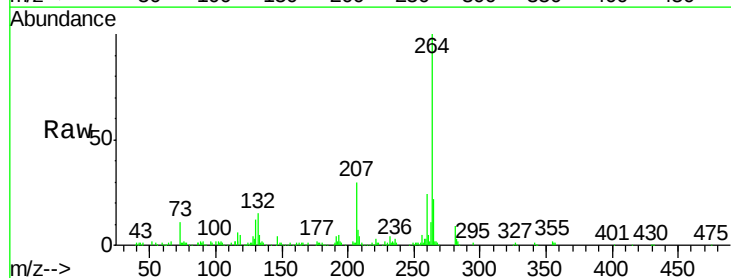


Time-->

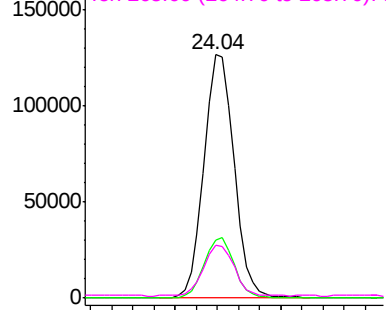


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.04 min Scan# 3528
 Delta R.T. -0.04 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

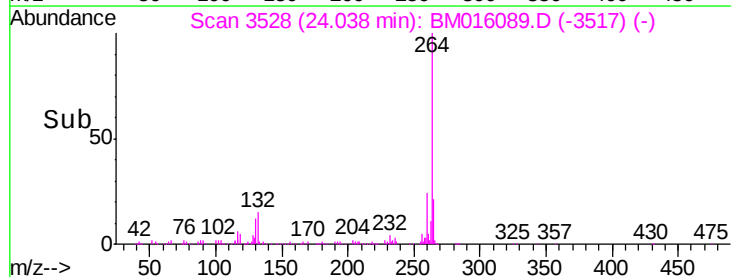
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.6	17.3	25.9

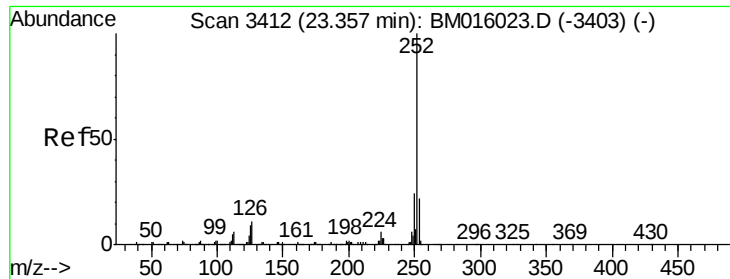


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 39.418 ng

RT: 23.33 min Scan# 3407

Delta R.T. -0.03 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Instrument :

BNA_M

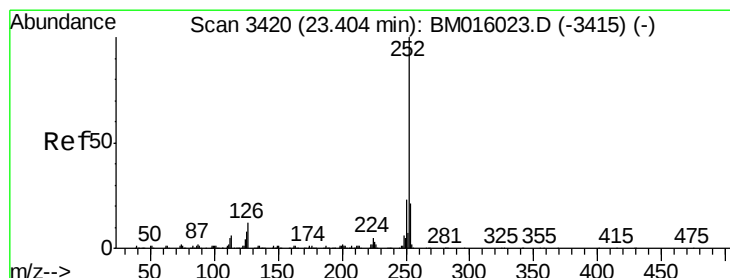
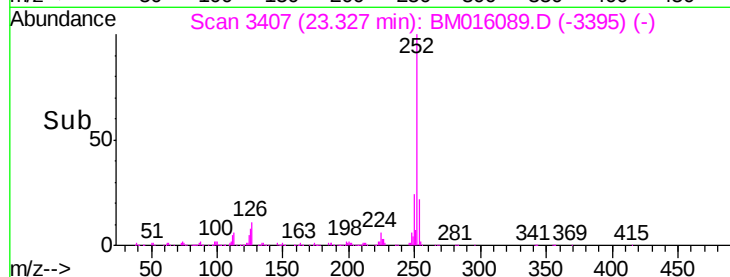
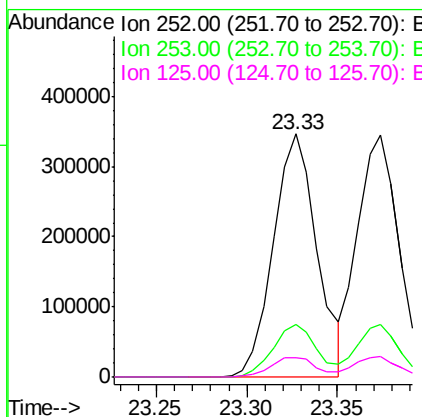
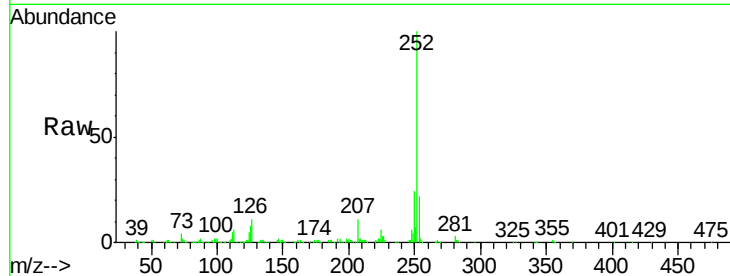
ClientSampleId :

IDOC-02

Tgt Ion:	252	Resp:	582807
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	8.3	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 36.648 ng

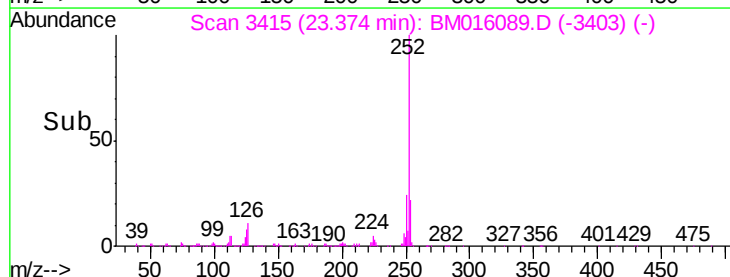
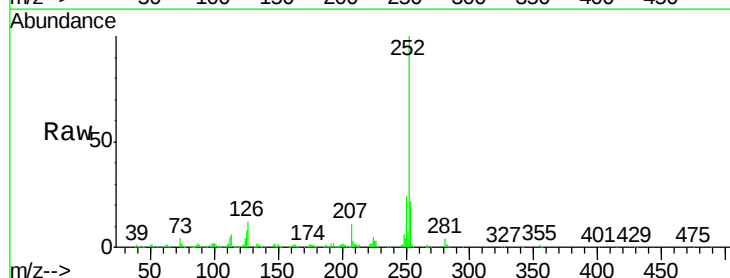
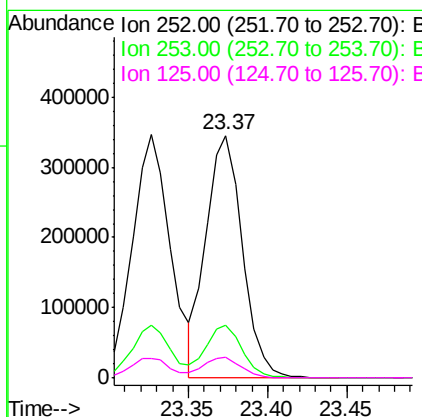
RT: 23.37 min Scan# 3415

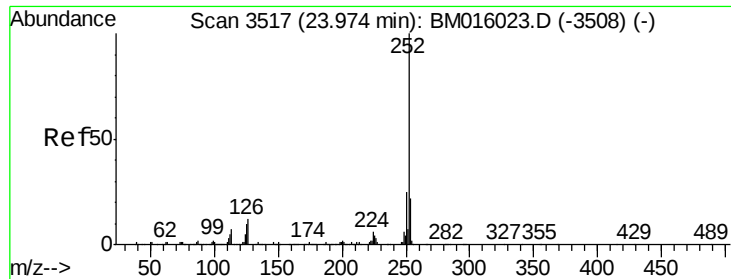
Delta R.T. -0.03 min

Lab File: BM016089.D

Acq: 27 Jul 2018 01:26

Tgt Ion:	252	Resp:	549132
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	8.5	8.1	12.1





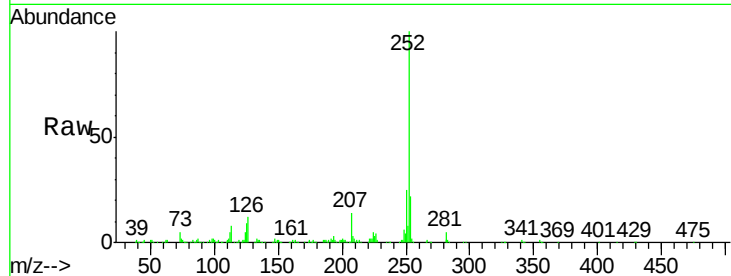
#89
Benzo(a)pyrene
Concen: 36.846 ng
RT: 23.94 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Instrument :
BNA_M
ClientSampleId :
IDOC-02

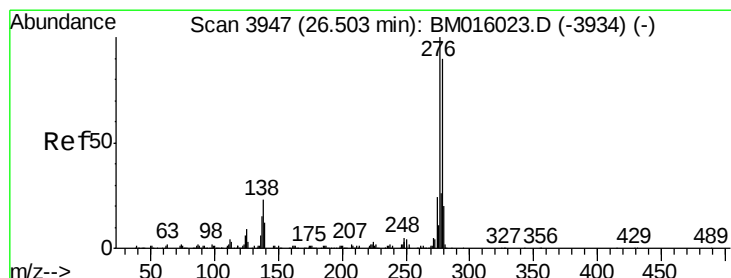
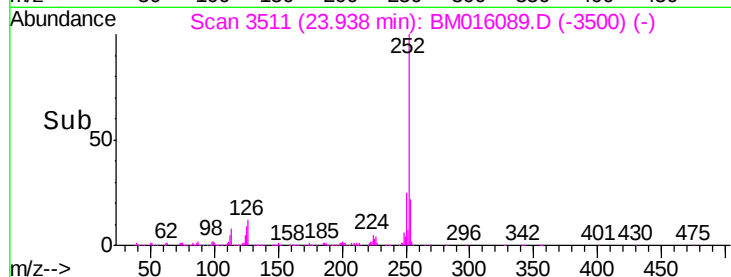
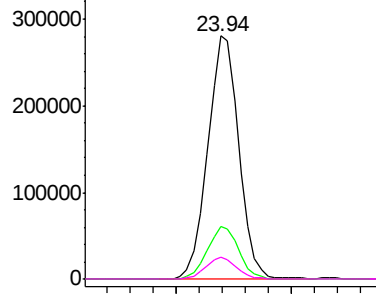
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.0	7.4	11.2

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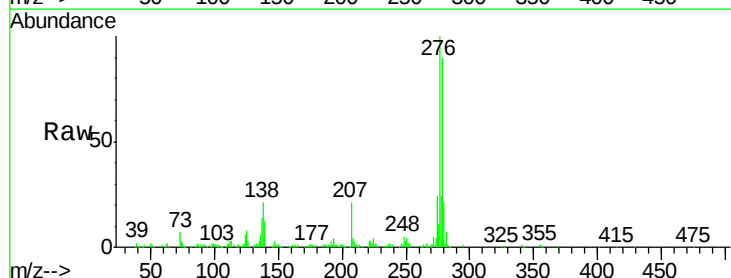


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

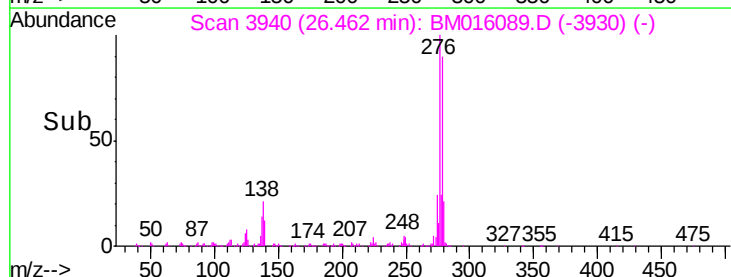
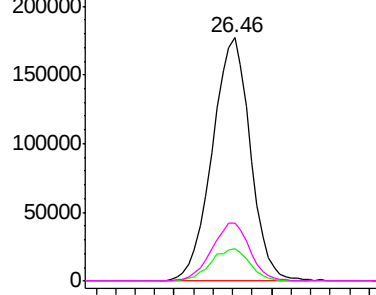


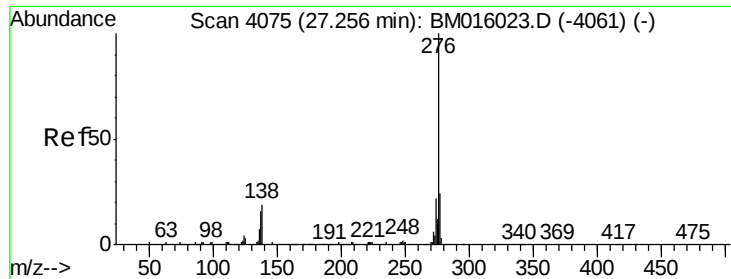
#90
Dibenzo(a,h)anthracene
Concen: 32.723 ng
RT: 26.46 min Scan# 3940
Delta R.T. -0.04 min
Lab File: BM016089.D
Acq: 27 Jul 2018 01:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	13.4	20.0#
279	23.7	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 32.894 ng
 RT: 27.20 min Scan# 4066
 Delta R.T. -0.05 min
 Lab File: BM016089.D
 Acq: 27 Jul 2018 01:26

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	18.0	19.0	28.6

Manual Integrations
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