

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016476.D
 Acq On : 18 Aug 2018 16:31
 Operator : SJ/JU
 Sample : PB112126BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Manual Integrations
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Sohil
 8/20/2018 4:17:11 PM

Quant Time: Aug 20 02:23:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	8231	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	41772	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	33313	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	97170	20.00	ng	-0.01
75) Chrysene-d12	21.58	240	157575	20.00	ng	0.00
86) Perylene-d12	23.89	264	160401	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	80154	163.65	ng	0.00
7) Phenol-d6	7.23	99	115111	174.86	ng	0.00
23) Nitrobenzene-d5	9.24	82	96718	96.43	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	99559	197.87	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	294579	91.95	ng	-0.01
78) Terphenyl-d14	20.03	244	964905	92.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	7128	29.062	ng	# 100
3) Pyridine	3.83	79	14160	28.676	ng	# 51
4) n-Nitrosodimethylamine	3.75	42	24012	42.204	ng	# 17
6) Aniline	7.39	93	25403	37.291	ng	# 82
8) 2-Chlorophenol	7.61	128	30735	50.900	ng	# 99
9) Benzaldehyde	7.21	77	13580	31.373	ng	# 78
10) Phenol	7.25	94	32493	50.954	ng	# 71
11) bis(2-Chloroethyl)ether	7.47	93	20013	41.339	ng	# 82
12) 1,3-Dichlorobenzene	7.93	146	28091	40.591	ng	# 84
13) 1,4-Dichlorobenzene	8.09	146	28241	40.367	ng	# 90
14) 1,2-Dichlorobenzene	8.40	146	29554	43.002	ng	# 93
15) Benzyl Alcohol	8.32	79	29005	48.541	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.57	45	26504	43.492	ng	# 90
17) 2-Methylphenol	8.51	107	25644	55.652	ng	# 71
18) Hexachloroethane	9.12	117	15573	43.226	ng	# 91
19) n-Nitroso-di-n-propylamine	8.87	70	24027	48.072	ng	# 59
20) 3+4-Methylphenols	8.85	107	35818	56.563	ng	# 79
22) Acetophenone	8.90	105	48541	43.328	ng	# 66
24) Nitrobenzene	9.29	77	42623	44.084	ng	# 90
25) Isophorone	9.80	82	70669	52.825	ng	# 90
26) 2-Nitrophenol	9.99	139	17386	42.746	ng	# 24
27) 2,4-Dimethylphenol	10.04	122	32788	60.302	ng	# 71
28) bis(2-Chloroethoxy)methane	10.27	93	36718	47.448	ng	# 94
29) 2,4-Dichlorophenol	10.53	162	38313	52.123	ng	# 97
30) 1,2,4-Trichlorobenzene	10.72	180	37099	42.680	ng	# 92
31) Naphthalene	10.91	128	102477	48.371	ng	# 99
32) Benzoic acid	10.25	122	24407	55.265	ng	# 81
33) 4-Chloroaniline	11.05	127	30186	33.245	ng	# 85
34) Hexachlorobutadiene	11.16	225	30899	41.239	ng	# 93
35) Caprolactam	11.86	113	12261m	65.065	ng	#
36) 4-Chloro-3-methylphenol	12.17	107	47602	56.791	ng	# 83
37) 2-Methylnaphthalene	12.52	142	89961	57.239	ng	# 80
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	56989	41.788	ng	# 100
40) Hexachlorocyclopentadiene	12.84	237	43961	75.228	ng	# 97

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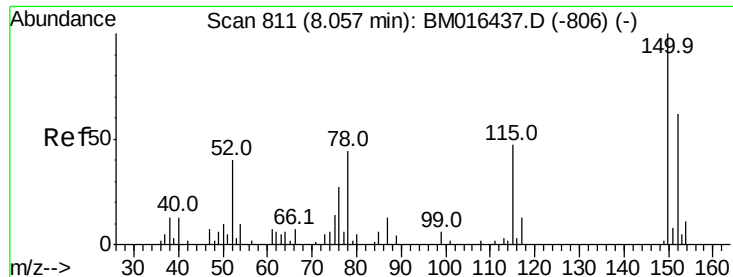
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	39275	46.078	nq	96
43) 2,4,5-Trichlorophenol	13.22	196	43939	52.838	nq #	82
45) 1,1'-Biphenyl	13.53	154	131592	42.678	nq	99
46) 2-Chloronaphthalene	13.57	162	104294	43.357	nq #	88
47) 2-Nitroaniline	13.80	65	39919	47.855	nq #	68
48) Acenaphthylene	14.42	152	180909	50.016	nq	99
49) Dimethylphthalate	14.16	163	167597	51.302	nq	100
50) 2,6-Dinitrotoluene	14.30	165	33090	53.366	nq #	36
51) Acenaphthene	14.76	154	104421	47.838	nq	94
52) 3-Nitroaniline	14.63	138	22918	37.514	nq #	72
53) 2,4-Dinitrophenol	14.86	184	33717	101.347	nq #	55
54) Dibenzofuran	15.09	168	190518	49.535	nq #	76
55) 4-Nitrophenol	14.95	139	48222	120.844	nq #	79
56) 2,4-Dinitrotoluene	15.09	165	54274	52.364	nq #	53
57) Fluorene	15.74	166	161808	55.066	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.33	232	46569	59.771	nq #	100
59) Diethylphthalate	15.50	149	194443	52.453	nq #	94
60) 4-Chlorophenyl-phenylether	15.73	204	90864	48.878	nq #	86
61) 4-Nitroaniline	15.80	138	32893	55.687	nq #	1
62) Azobenzene	16.02	77	224397	52.490	nq #	67
64) 4,6-Dinitro-2-methylphenol	15.86	198	28246	41.685	nq	86
65) n-Nitrosodiphenylamine	15.95	169	142846	43.443	nq	94
66) 4-Bromophenyl-phenylether	16.62	248	57299	43.842	nq #	75
67) Hexachlorobenzene	16.74	284	55752	43.470	nq #	51
68) Atrazine	16.90	200	66880	55.485	nq	97
69) Pentachlorophenol	17.09	266	64081	87.261	nq	97
70) Phenanthrene	17.48	178	276741	50.268	nq	98
71) Anthracene	17.57	178	286942	52.503	nq	97
72) Carbazole	17.84	167	258636	48.894	nq #	96
73) Di-n-butylphthalate	18.37	149	374601	49.345	nq #	95
74) Fluoranthene	19.47	202	389728	58.601	nq	97
76) Benzidine	19.67	184	220674	63.630	nq	97
77) Pyrene	19.84	202	405164	38.964	nq	99
79) Butylbenzylphthalate	20.70	149	212261	43.554	nq #	78
80) Benzo(a)anthracene	21.56	228	523098	51.309	nq	99
81) 3,3'-Dichlorobenzidine	21.49	252	129250	35.611	nq	99
82) Chrysene	21.62	228	480565	50.158	nq	99
83) Bis(2-ethylhexyl)phthalate	21.45	149	322224	46.349	nq	92
84) Di-n-octyl phthalate	22.34	149	582288	55.841	nq #	88
85) Indeno(1,2,3-cd)pyrene	26.24	276	668796	85.339	nq	99
87) Benzo(b)fluoranthene	23.19	252	522415	49.169	nq #	92
88) Benzo(k)fluoranthene	23.24	252	532537	50.153	nq #	96
89) Benzo(a)pyrene	23.79	252	513732	53.417	nq #	96
90) Dibenzo(a,h)anthracene	26.24	278	565070	65.519	nq #	93
91) Benzo(g,h,i)perylene	26.96	276	491078	63.353	nq #	87

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



#1

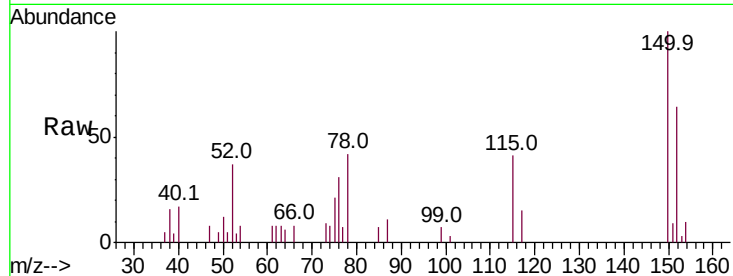
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.5	179.3
115	64.9	43.0	64.4

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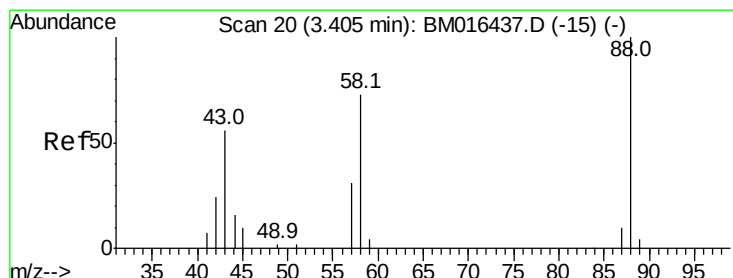
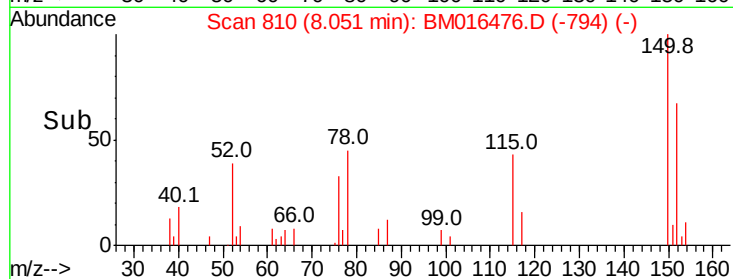
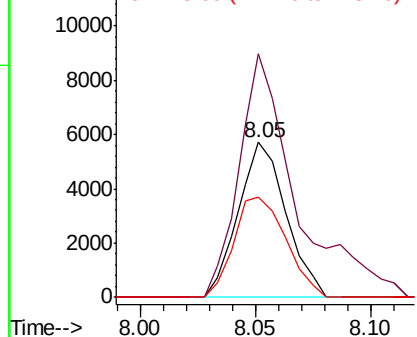


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

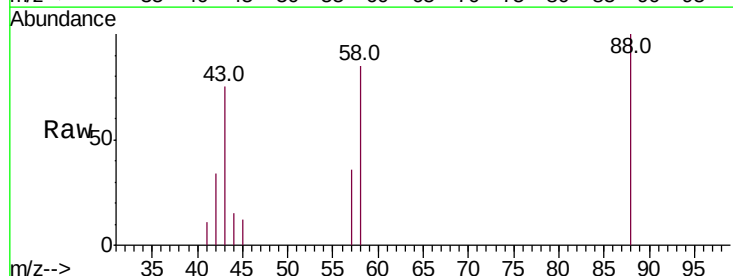
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.062 ng
RT: 3.39 min Scan# 17
Delta R.T. -0.02 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	0.0	0.0
43	62.6	0.0	0.0

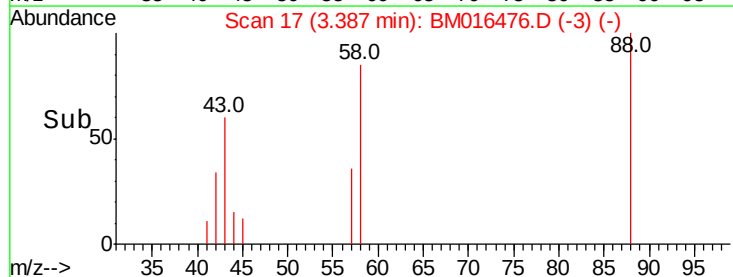
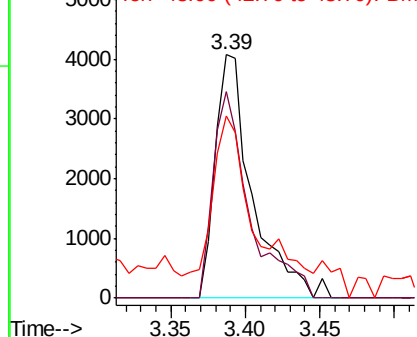


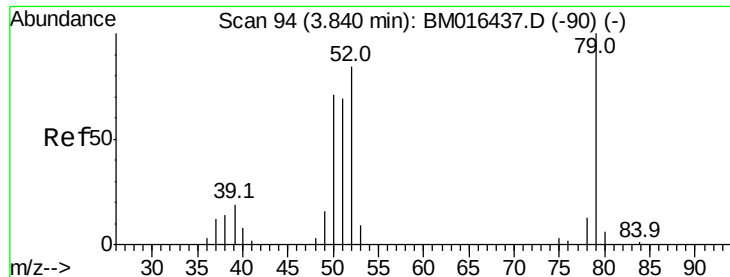
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 28.676 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Instrument :

BNA_M

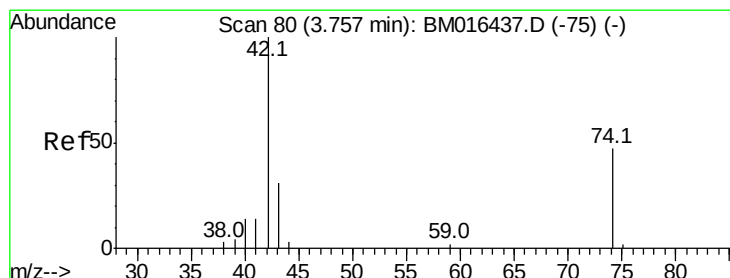
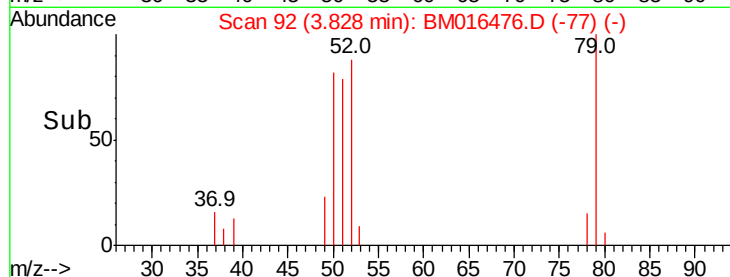
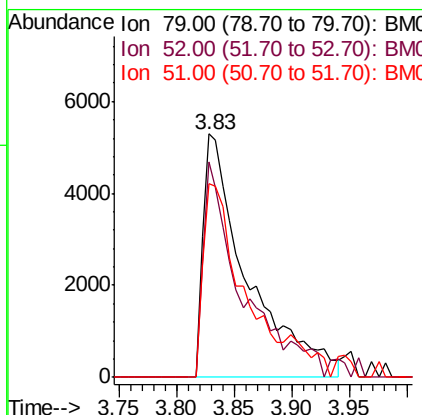
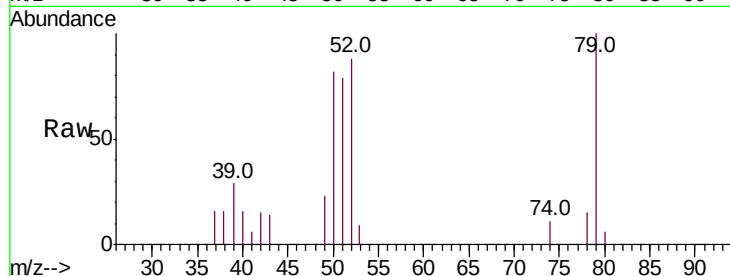
ClientSampleId :

PB112126BS

Tot Ion:	79	Resp:	14160
Ion Ratio	Lower	Upper	
79	100		
52	88.3	51.1	76.7#
51	79.4	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 42.204 ng

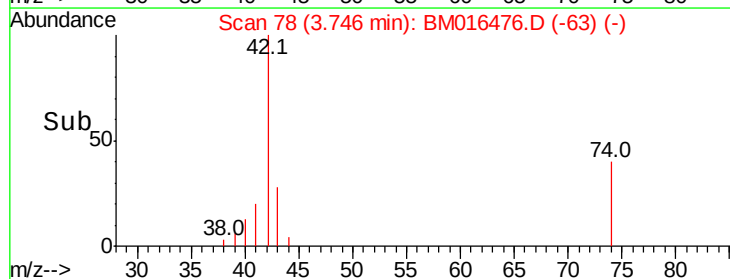
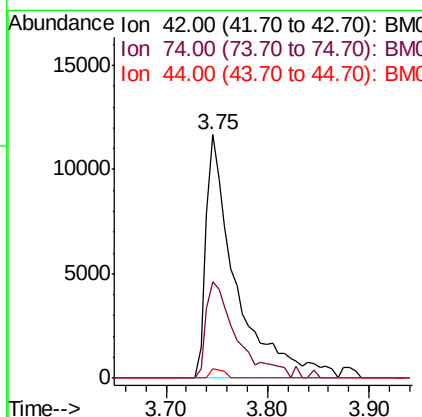
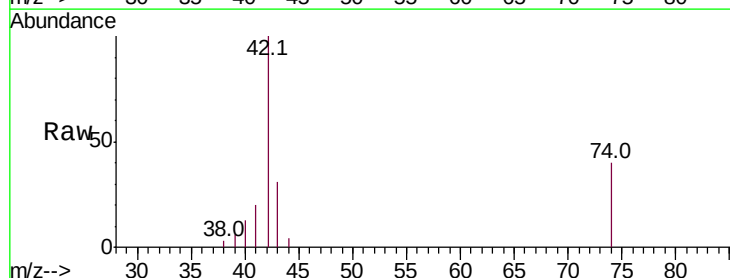
RT: 3.75 min Scan# 78

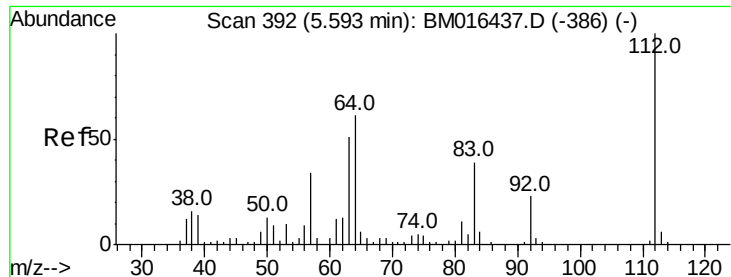
Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Tgt Ion:	42	Resp:	24012
Ion Ratio	Lower	Upper	
42	100		
74	39.6	119.3	178.9#
44	4.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 42.204 ng

RT: 5.59 min Scan# 391

Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Instrument :

BNA_M

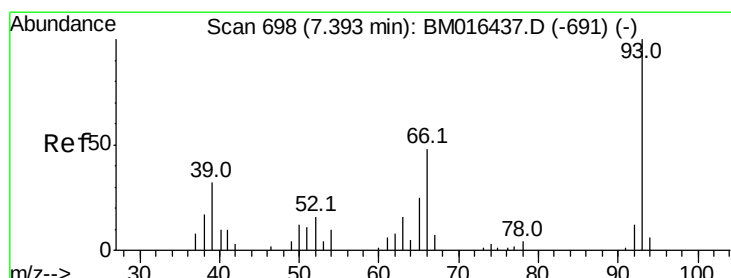
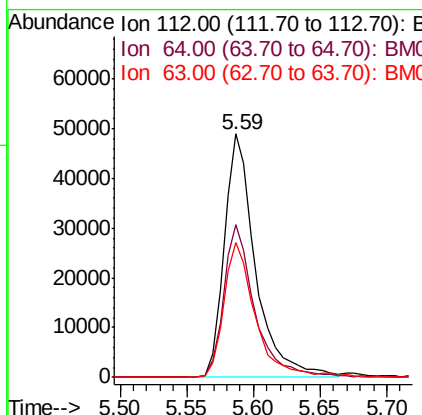
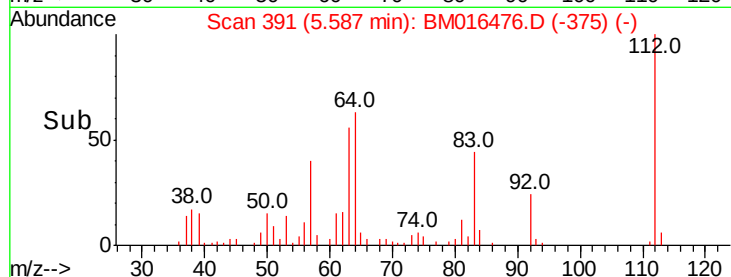
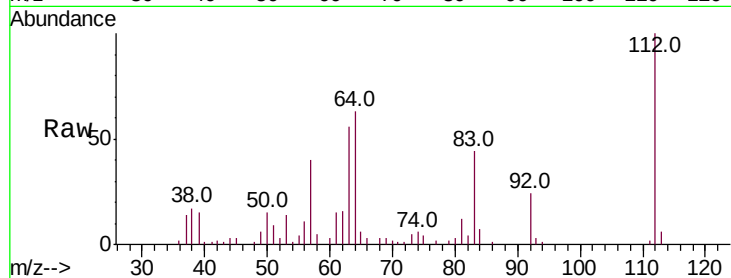
ClientSampled :

PB112126BS

Tot Ion:	112	Resp:	80154
Ion Ratio	Lower	Upper	
112	100		
64	63.0	38.6	57.8#
63	55.5	19.3	28.9#

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#6

Aniline

Concen: 37.291 ng

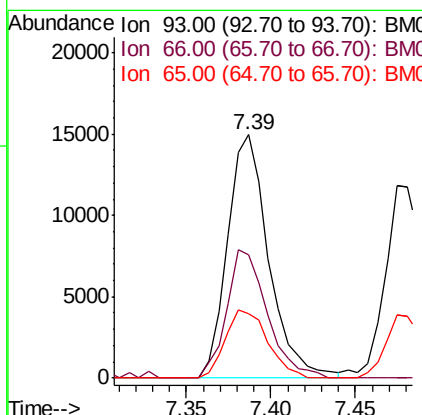
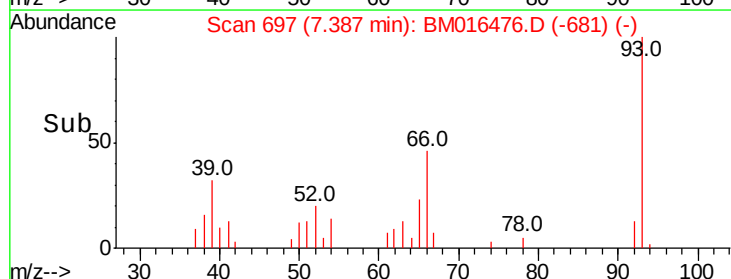
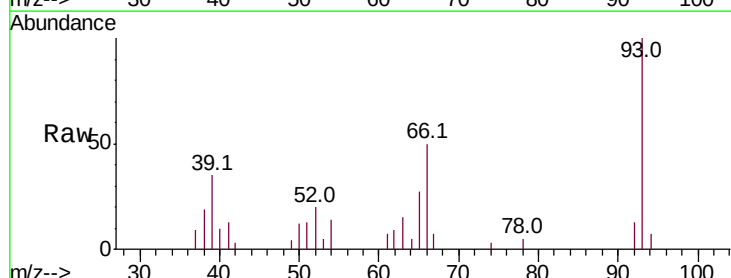
RT: 7.39 min Scan# 697

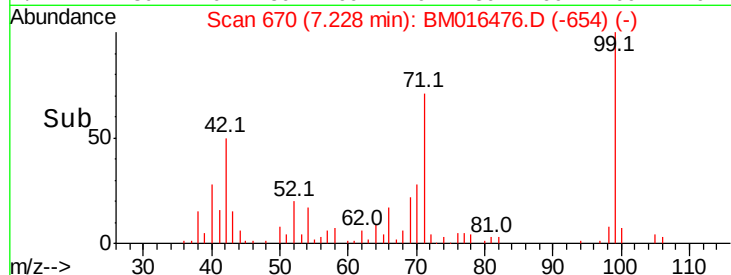
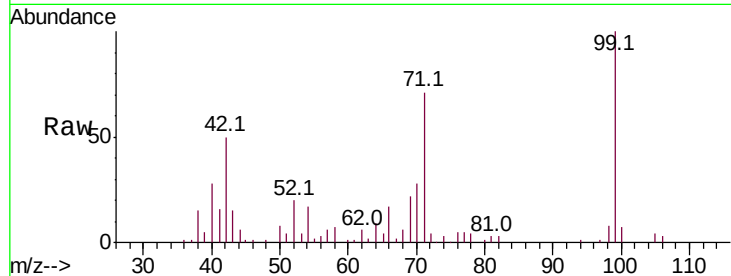
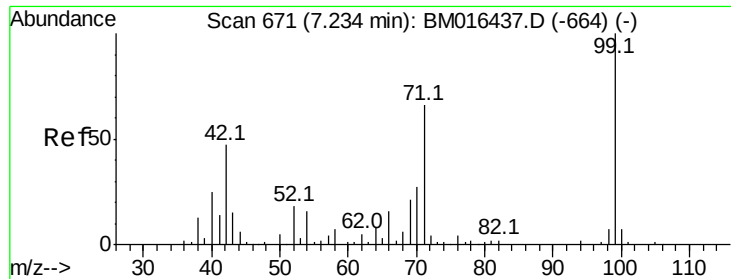
Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Tgt Ion:	93	Resp:	25403
Ion Ratio	Lower	Upper	
93	100		
66	50.4	30.8	46.2#
65	26.7	16.0	24.0#





#7

Phenol-d6

Concen: 37.291 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016476.D

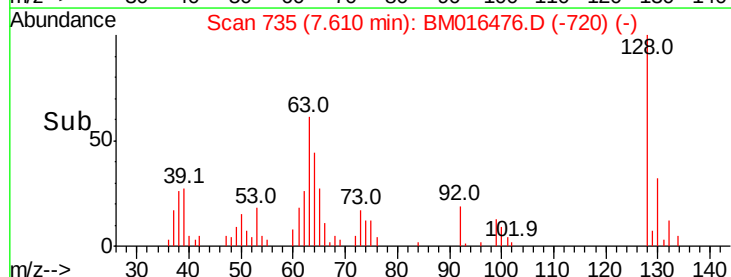
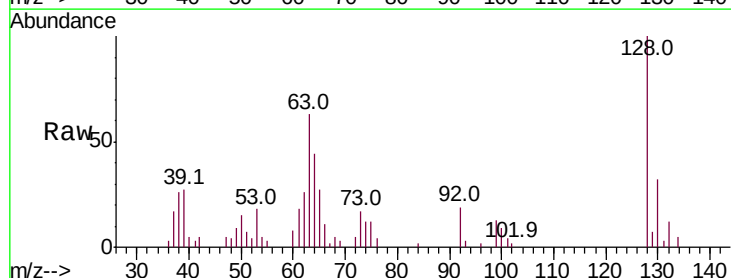
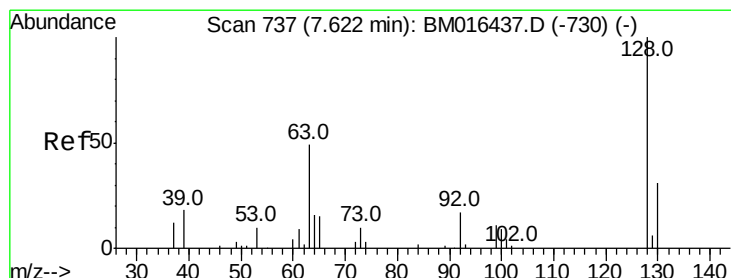
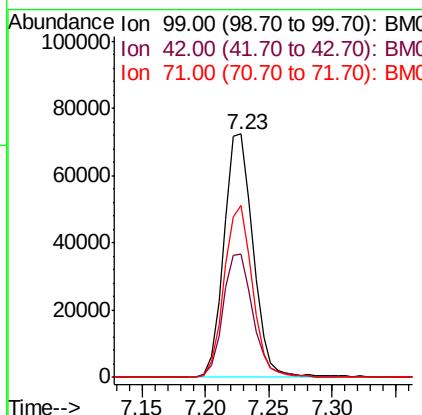
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Tot Ion	Ratio	Resp	Lower	Upper
99	100	115111		
42	50.4	11.0	16.4#	
71	70.6	23.4	35.2#	

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#8

2-Chlorophenol

Concen: 50.900 ng

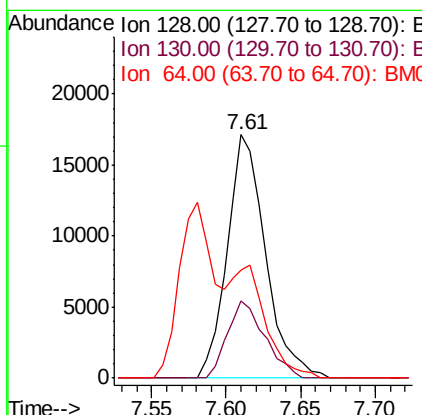
RT: 7.61 min Scan# 735

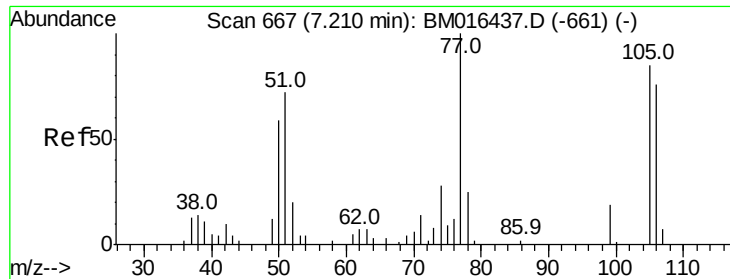
Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	30735		
130	31.8	12.0	52.0	
64	44.2	24.9	64.9	





#9

Benzaldehyde

Concen: 31.373 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Instrument :

BNA_M

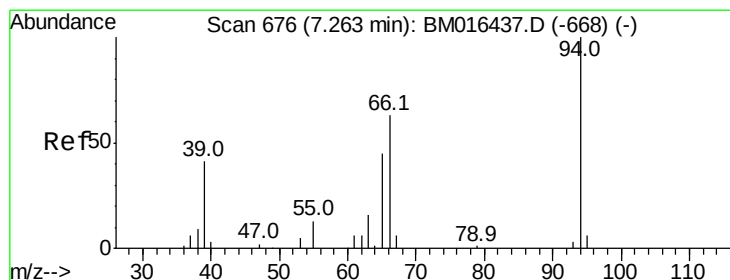
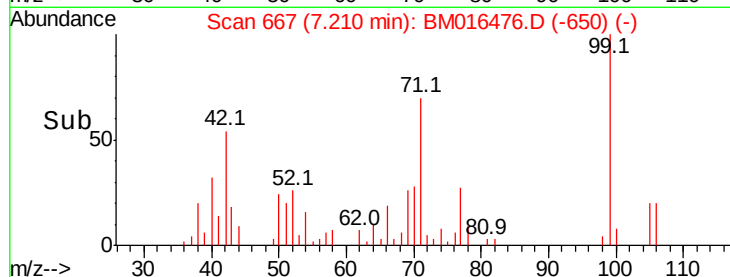
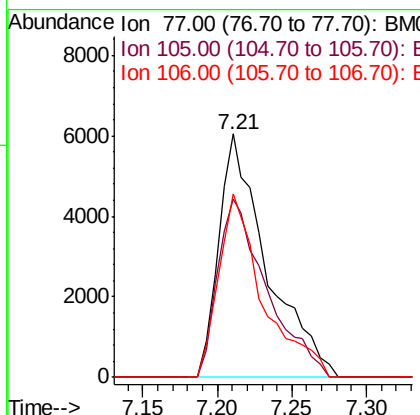
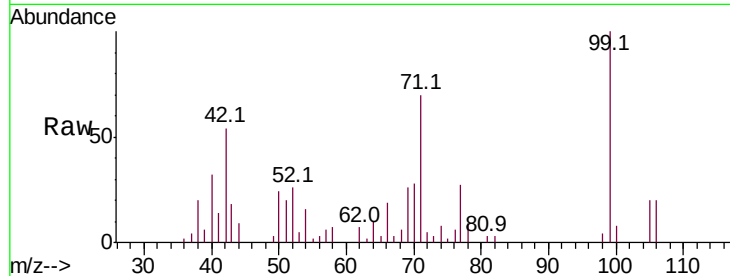
ClientSampleId :

PB112126BS

Tot Ion:	77	Resp:	13580
Ion	Ratio	Lower	Upper
77	100		
105	73.2	78.8	118.8#
106	75.4	73.7	113.7

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#10

Phenol

Concen: 50.954 ng

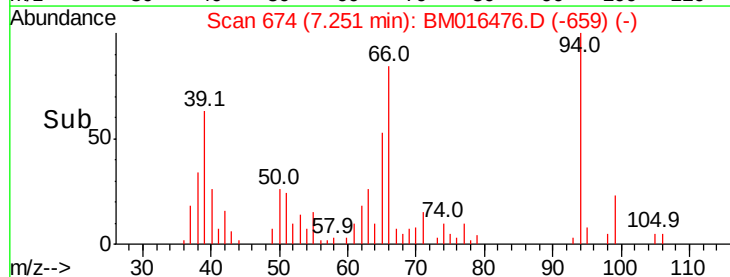
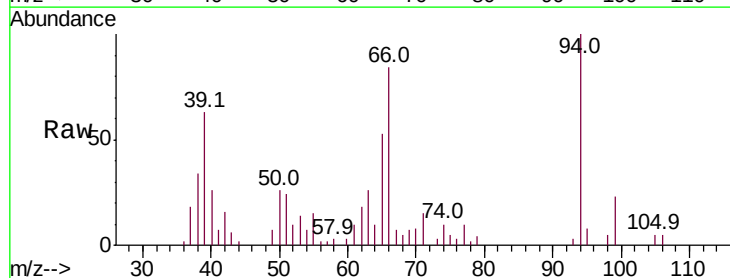
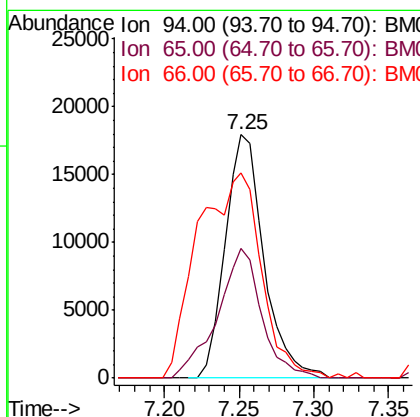
RT: 7.25 min Scan# 674

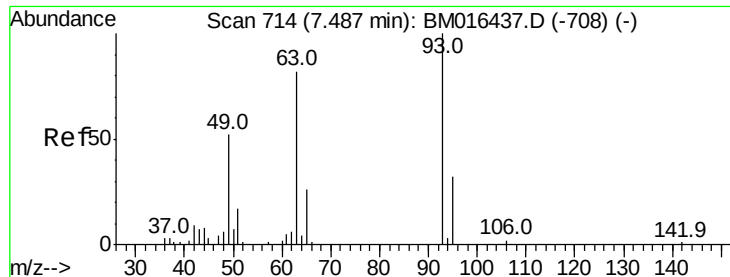
Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Tgt Ion:	94	Resp:	32493
Ion	Ratio	Lower	Upper
94	100		
65	53.2	18.8	58.8
66	84.3	39.9	79.9#





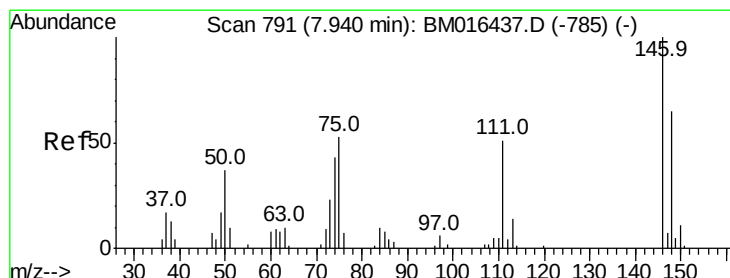
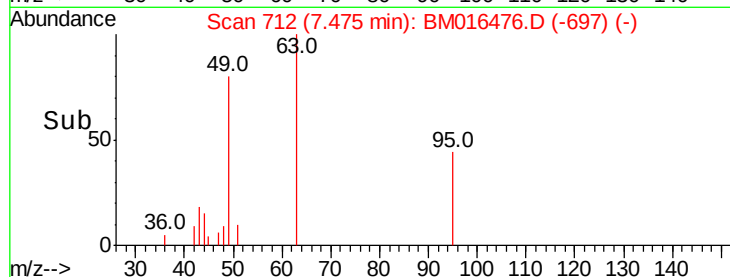
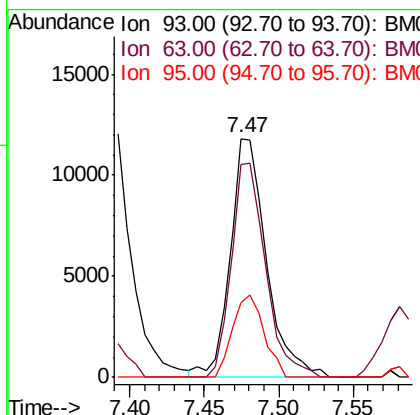
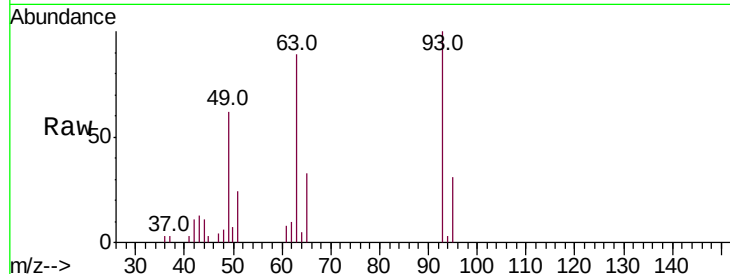
#11
bis(2-Chloroethyl)ether
Concen: 41.339 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	49.5	89.5
95	31.2	13.5	53.5

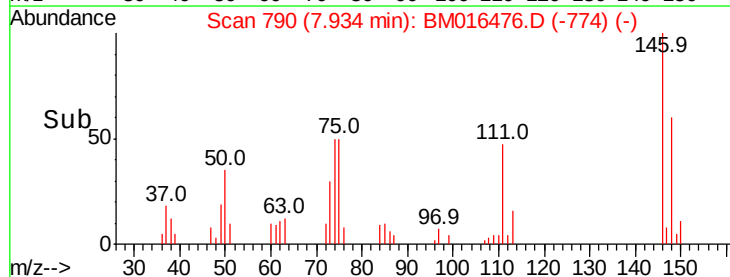
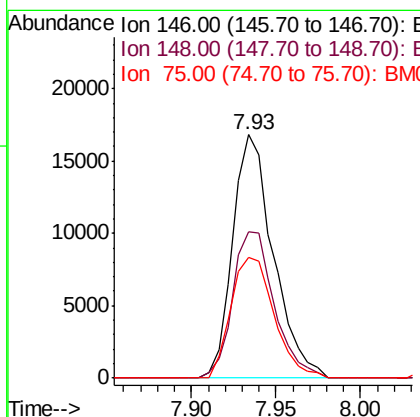
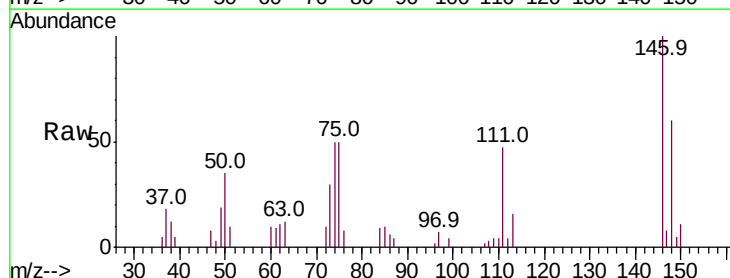
Manual Integrations
APPROVED

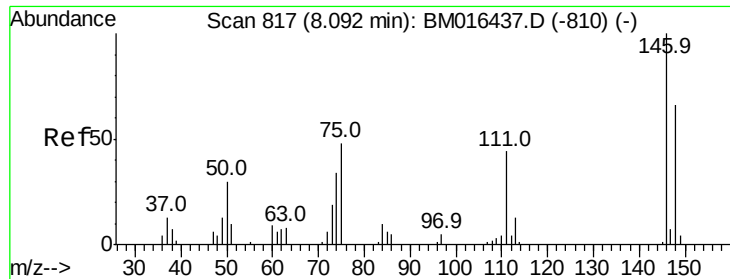
Sohil
8/20/2018 4:17:11 PM



#12
1,3-Dichlorobenzene
Concen: 40.591 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	50.9	76.3
75	49.6	21.4	32.2#





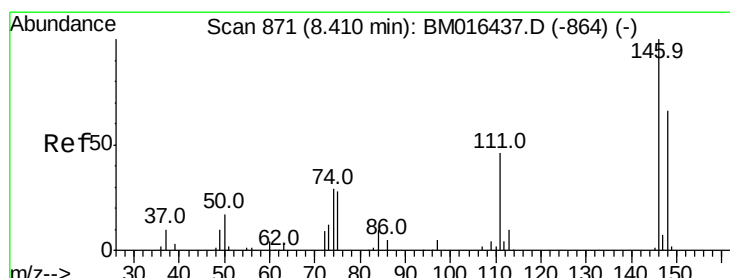
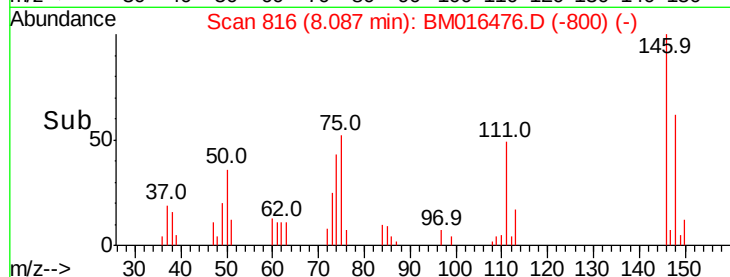
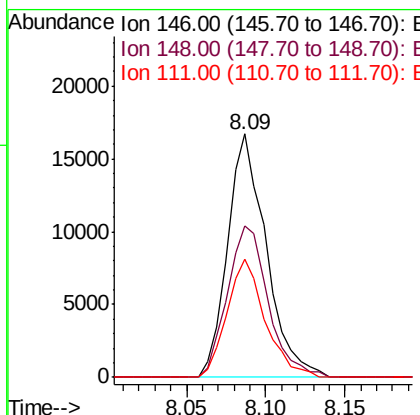
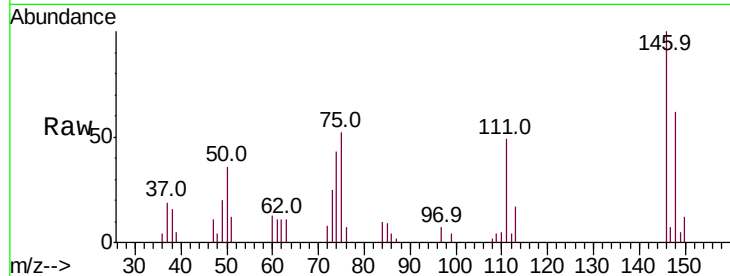
#13
 1,4-Dichlorobenzene
 Concen: 40.367 ng
 RT: 8.09 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampled :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.9	77.9
111	48.5	29.2	43.8#

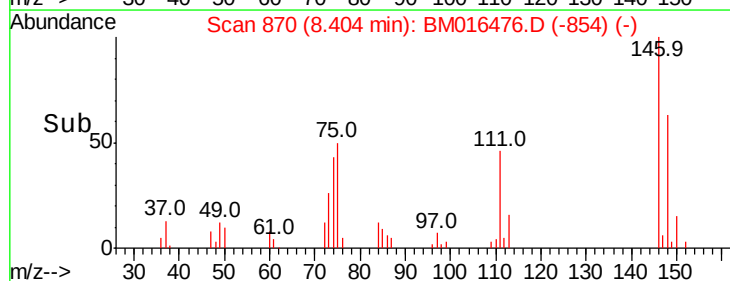
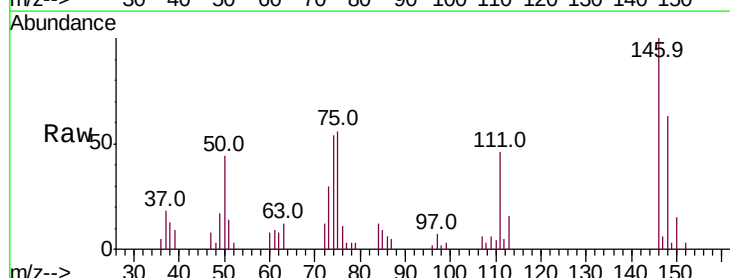
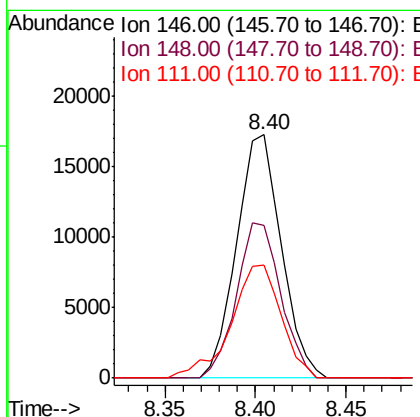
Manual Integrations
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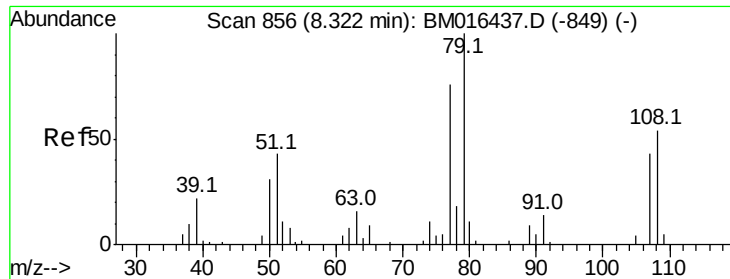
Sohil
 8/20/2018 4:17:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.002 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.3	78.5
111	46.3	30.6	45.8#





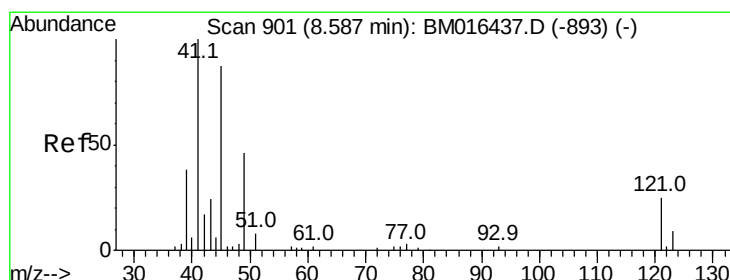
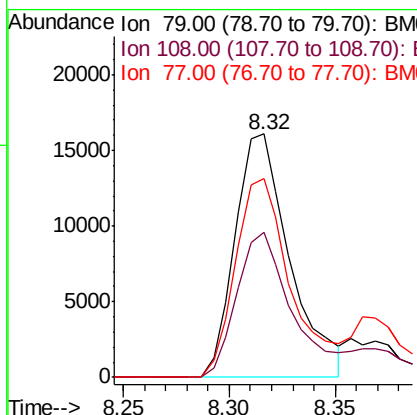
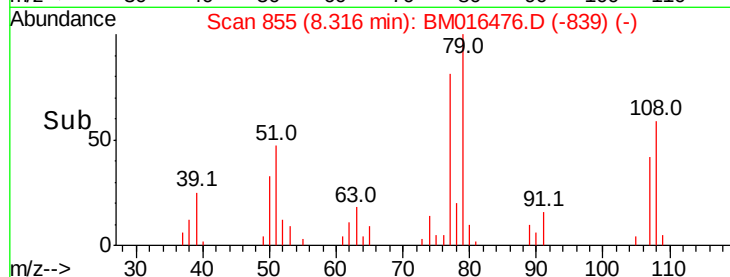
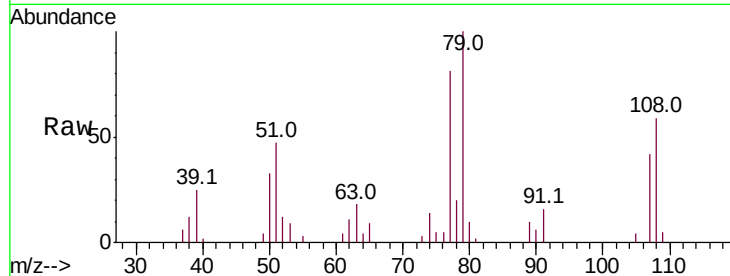
#15
Benzyl Alcohol
Concen: 48.541 ng
RT: 8.32 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampled :
PB112126BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	59.4	65.0	97.4#
77	81.4	53.0	79.6#

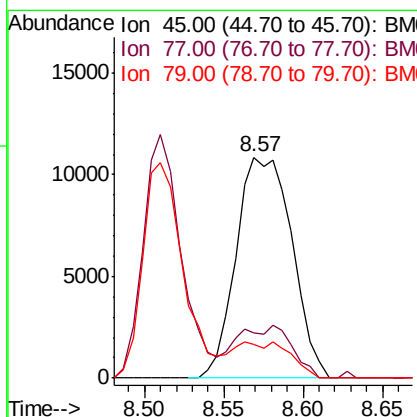
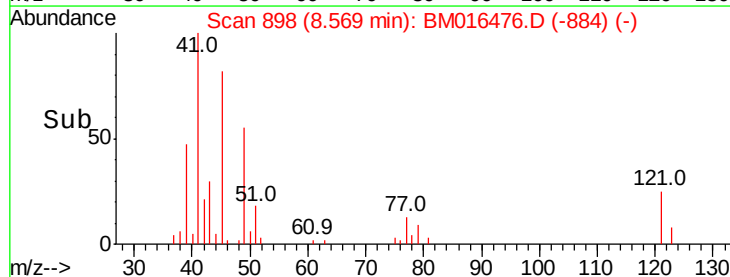
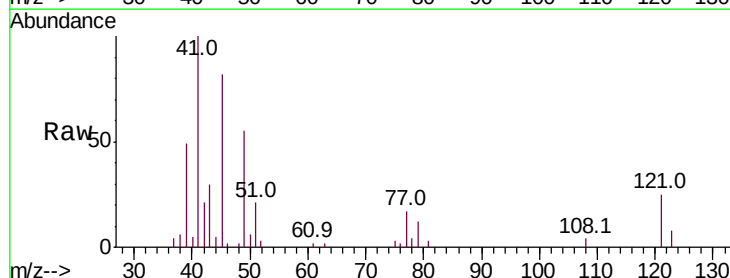
Manual Integrations
APPROVED

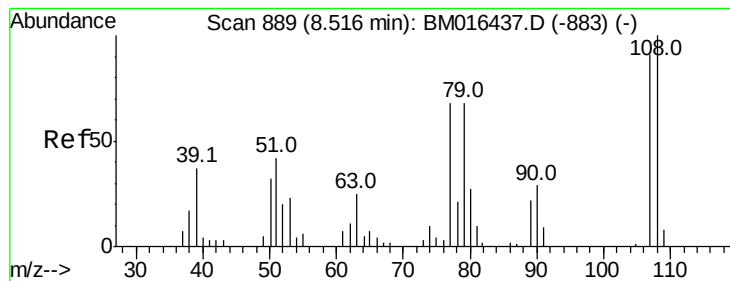
Sohil
8/20/2018 4:17:11 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.492 ng
RT: 8.57 min Scan# 898
Delta R.T. -0.02 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	35.2
79	15.0	0.0	32.0





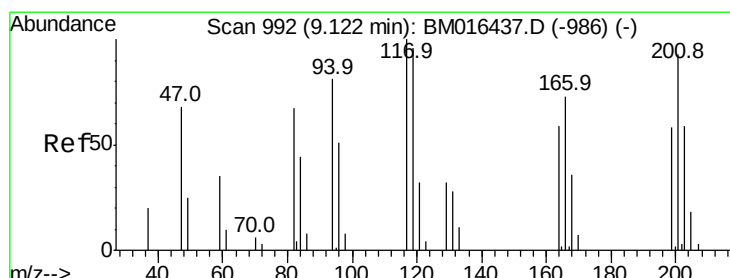
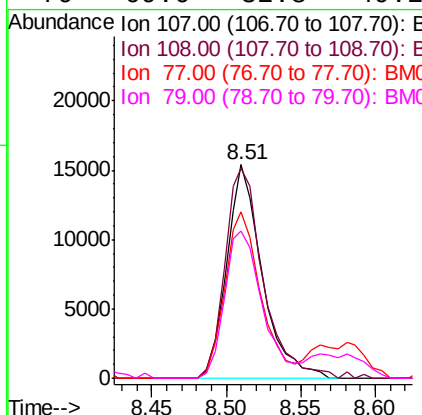
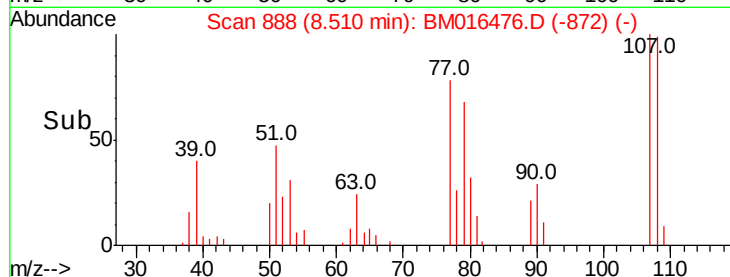
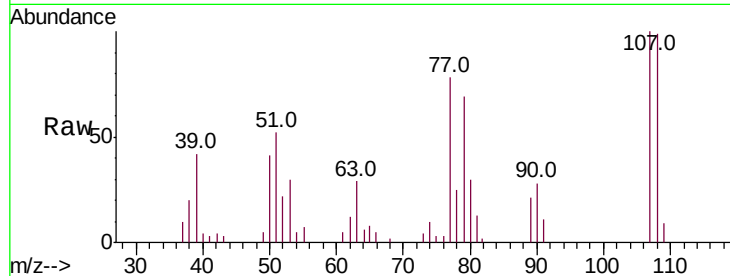
#17
2-Methylphenol
Concen: 55.652 ng
RT: 8.51 min Scan# 888
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampled :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	98.6	89.8	134.8	
77	77.7	32.6	48.8	
79	69.0	32.8	49.2	

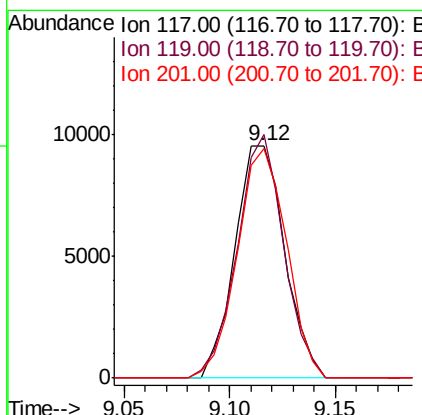
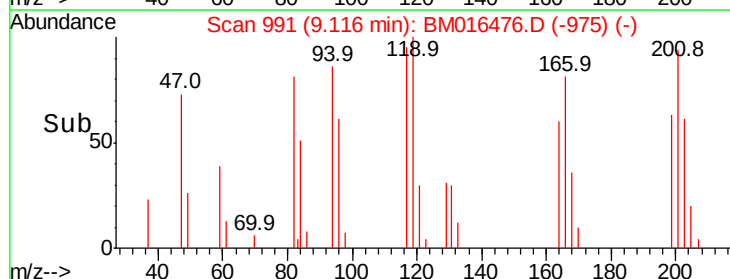
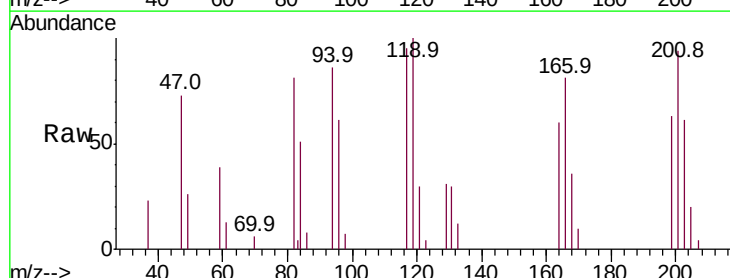
Manual Integrations
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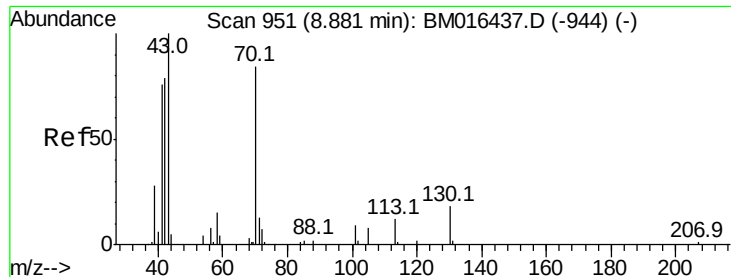
Sohil
8/20/2018 4:17:11 PM



#18
Hexachloroethane
Concen: 43.226 ng
RT: 9.12 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.7	79.2	118.8	
201	98.6	69.8	104.6	





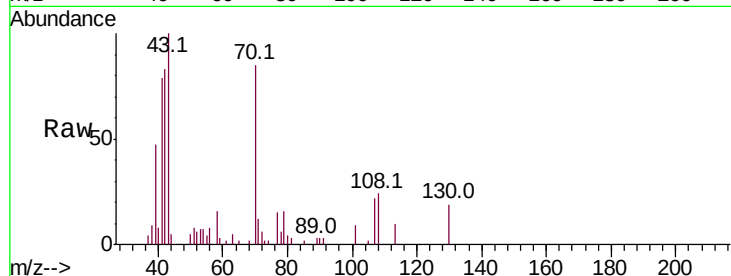
#19
n-Nitroso-di-n-propylamine
Concen: 48.072 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	98.4	44.5	66.7#	
101	11.0	7.4	11.2	
130	22.4	15.3	22.9	

Manual Integrations
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Sohil
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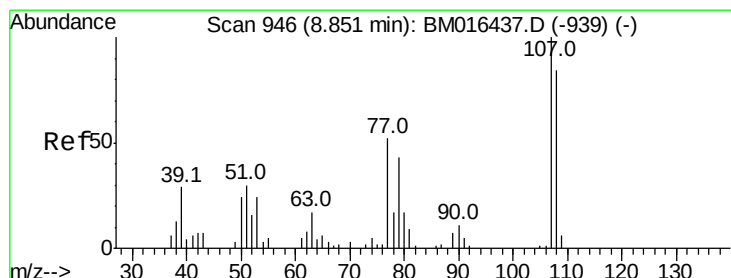
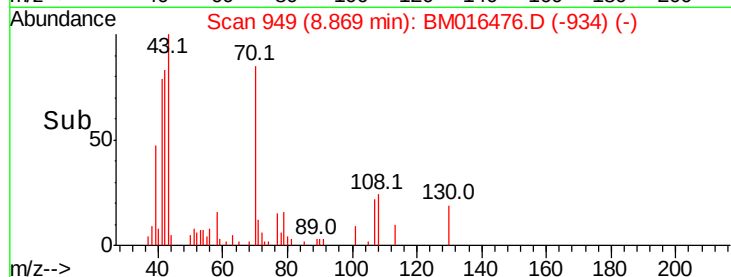
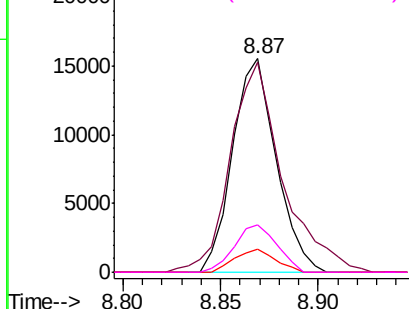
Abundance

Ion 70.00 (69.70 to 70.70): BM016437.D (-944) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-944) (-)

Ion 101.00 (100.70 to 101.70): BM016437.D (-944) (-)

Ion 130.00 (129.70 to 130.70): BM016437.D (-944) (-)



#20
3+4-Methylphenols
Concen: 56.563 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.1	73.2	113.2	
77	56.4	10.7	50.7#	
79	48.4	9.6	49.6	

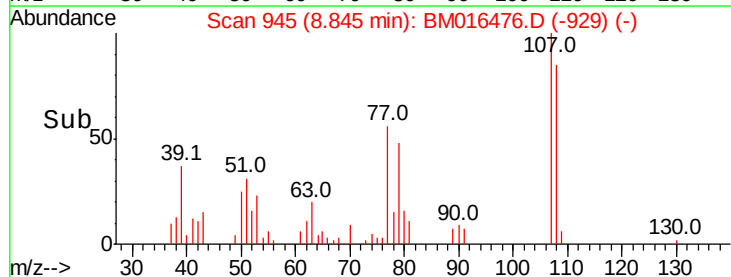
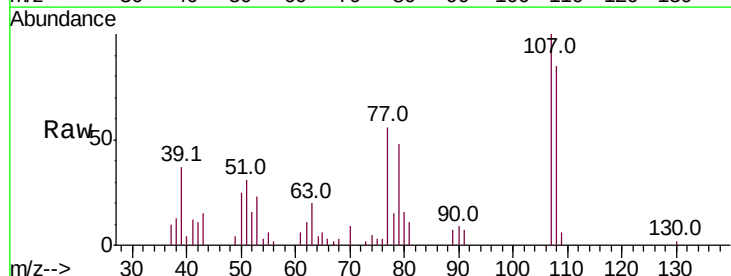
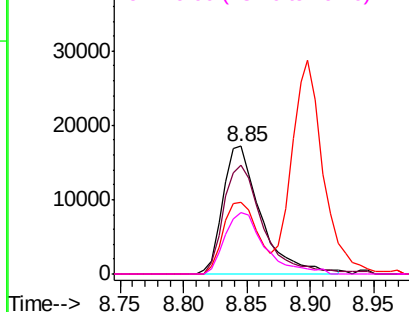
Abundance

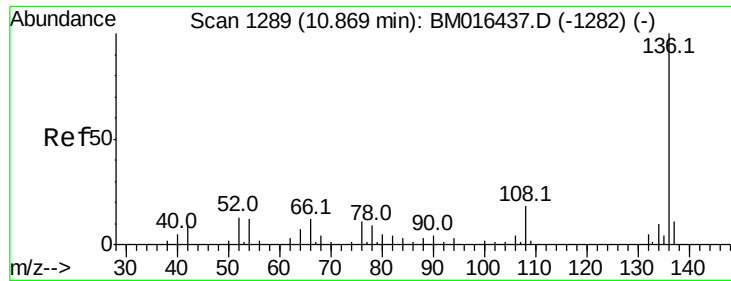
Ion 107.00 (106.70 to 107.70): BM016437.D (-939) (-)

Ion 108.00 (107.70 to 108.70): BM016437.D (-939) (-)

Ion 77.00 (76.70 to 77.70): BM016437.D (-939) (-)

Ion 79.00 (78.70 to 79.70): BM016437.D (-939) (-)





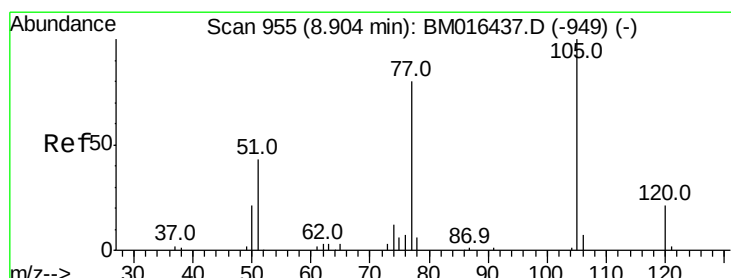
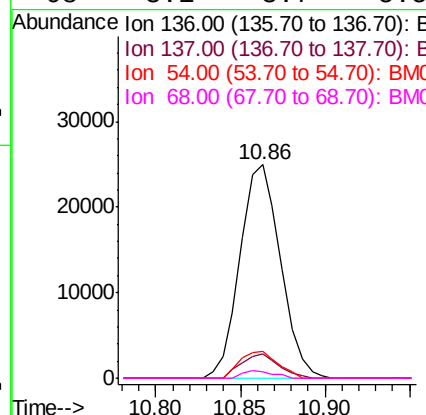
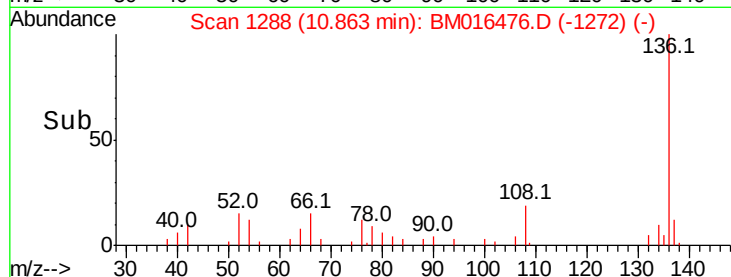
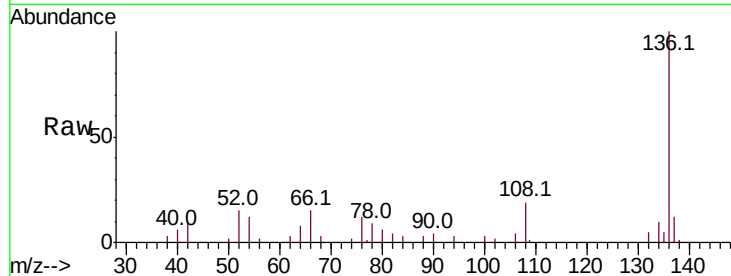
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	41772		
137	11.7	8.7	13.1	
54	12.4	4.6	6.8#	
68	3.1	3.7	5.5#	

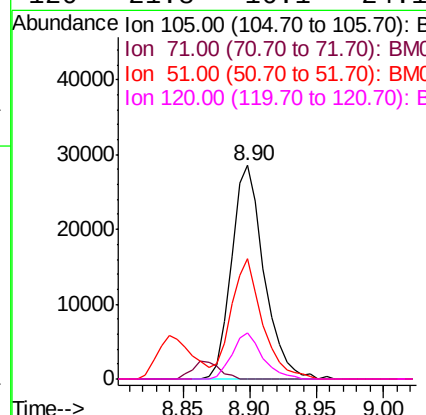
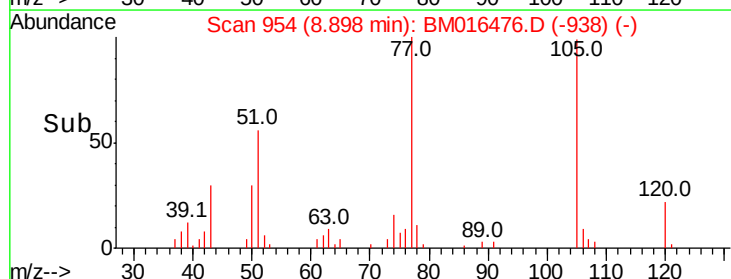
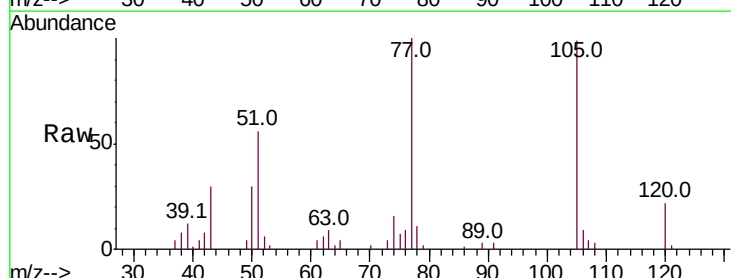
Manual Integrations
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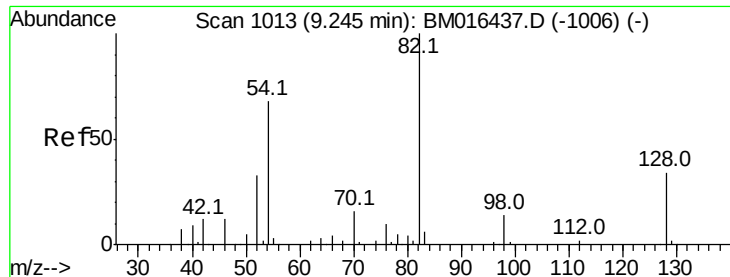
Sohil
8/20/2018 4:17:11 PM



#22
Acetophenone
Concen: 43.328 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	48541		
71	0.0	0.6	1.0#	
51	56.6	21.6	32.4#	
120	21.8	16.1	24.1	





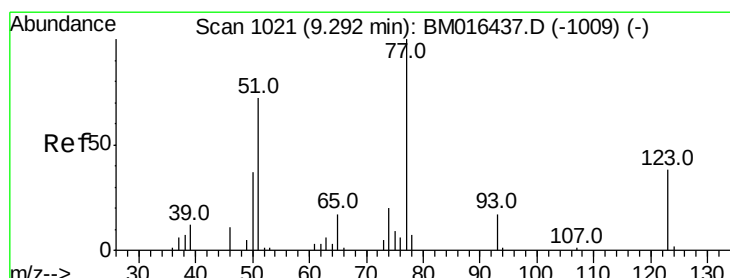
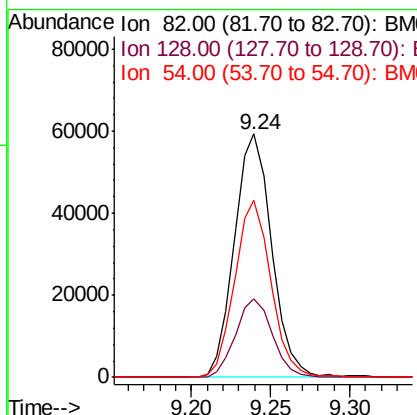
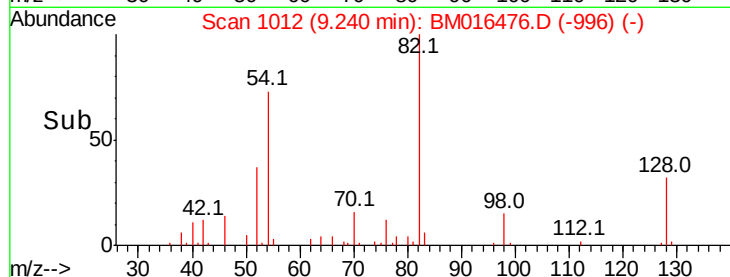
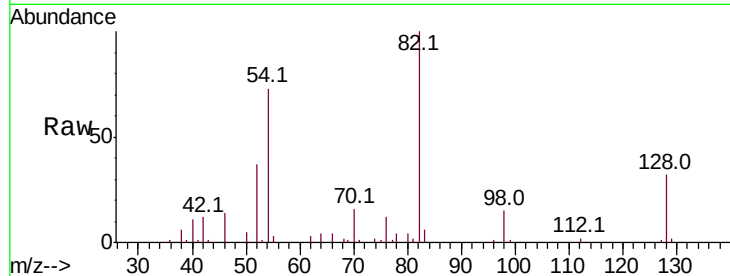
#23
Nitrobenzene-d5
Concen: 43.328 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.8	49.2#
54	72.6	40.6	60.8#

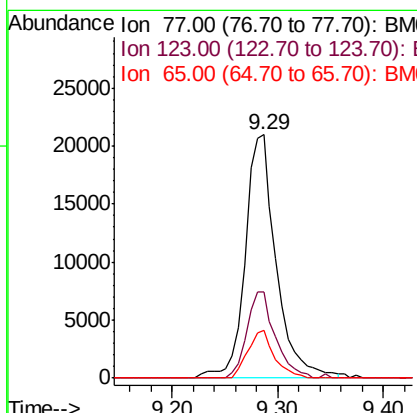
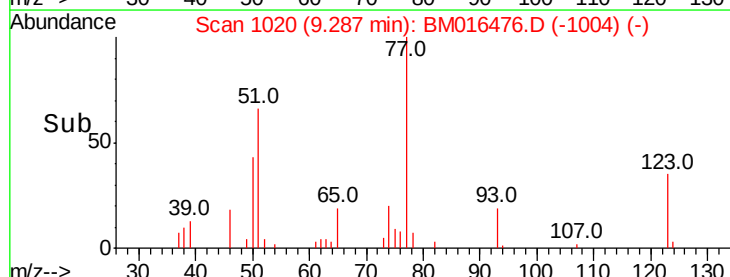
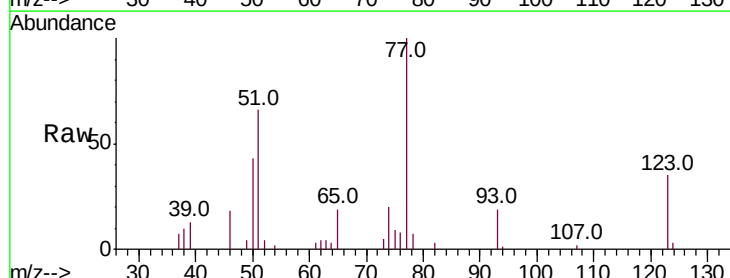
Manual Integrations
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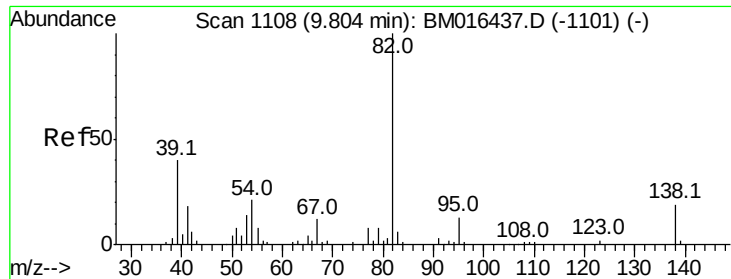
Sohil
8/20/2018 4:17:11 PM



#24
Nitrobenzene
Concen: 44.084 ng
RT: 9.29 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.3	32.6	49.0
65	19.5	10.9	16.3#





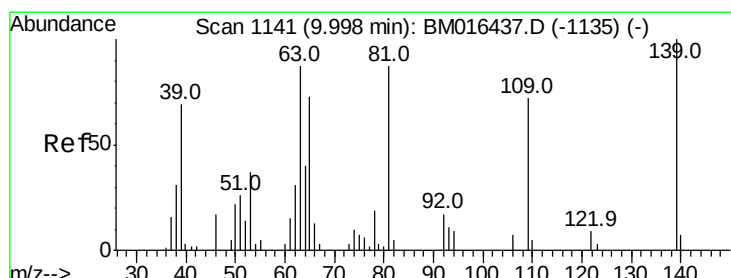
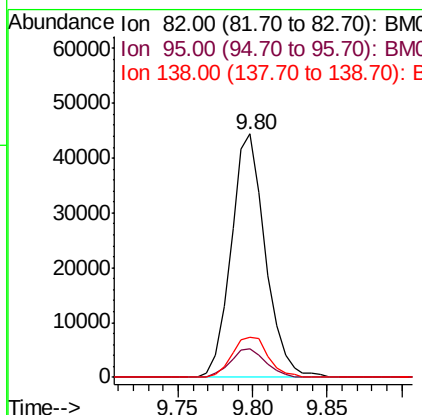
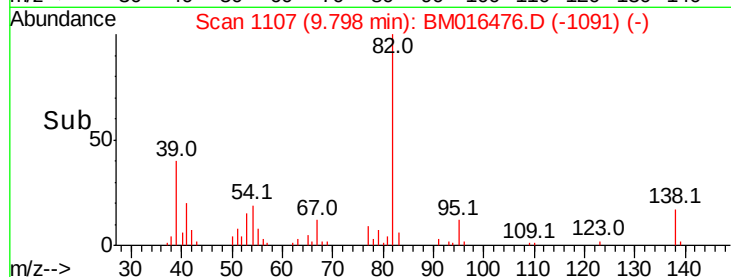
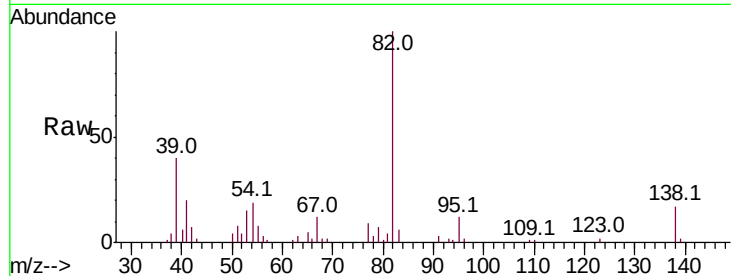
#25
Isophorone
Concen: 52.825 ng
RT: 9.80 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	11.9	5.8	8.6#	
138	16.7	16.3	24.5	

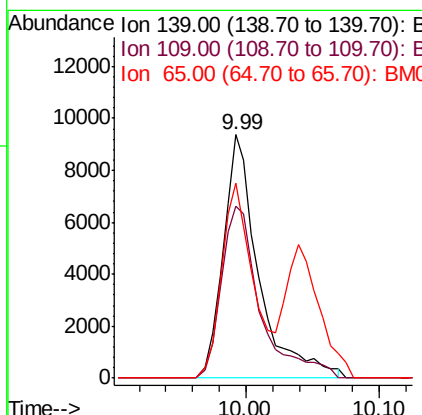
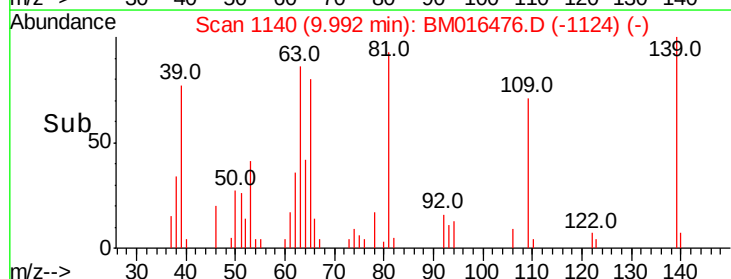
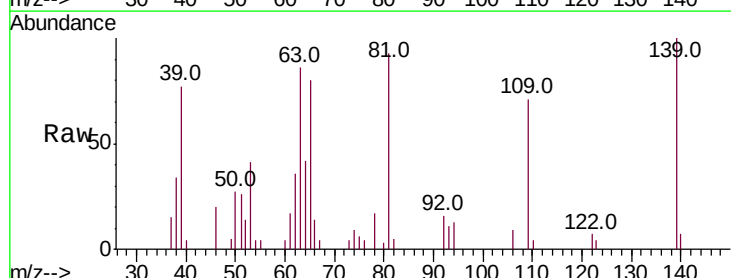
Manual Integrations
APPROVED

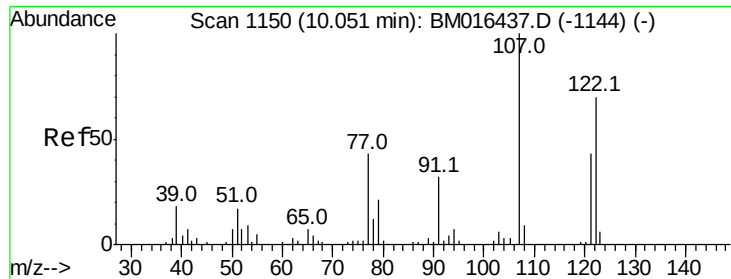
Sohil
8/20/2018 4:17:11 PM



#26
2-Nitrophenol
Concen: 42.746 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.6	20.1	30.1#	
65	80.0	31.5	47.3#	





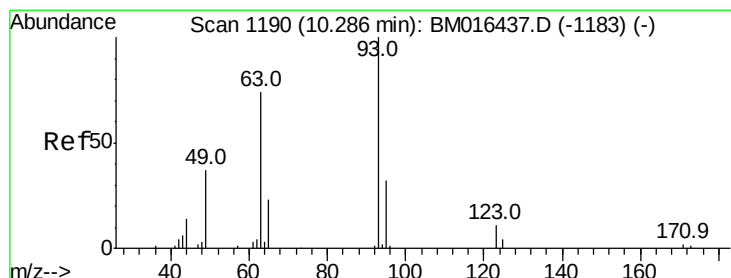
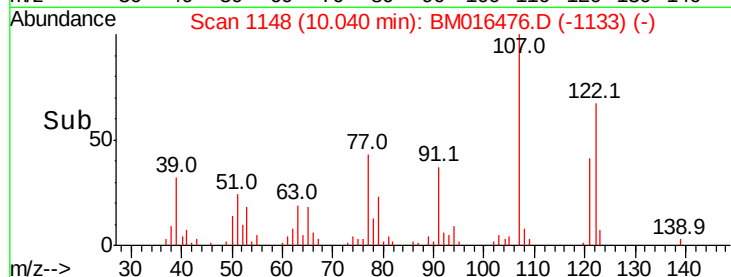
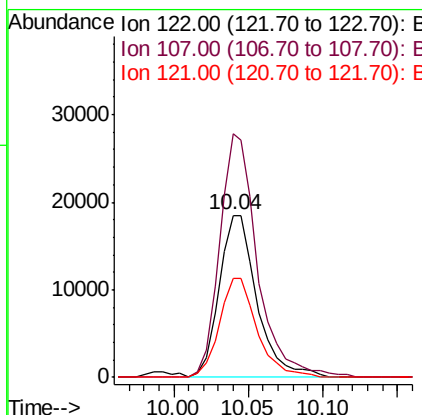
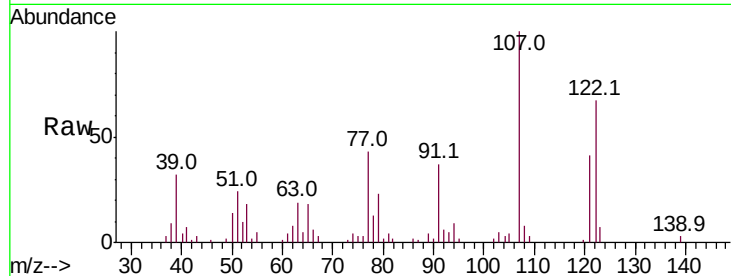
#27
 2,4-Dimethylphenol
 Concen: 60.302 ng
 RT: 10.04 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	150.0	84.7	127.1#
121	61.2	46.6	69.8

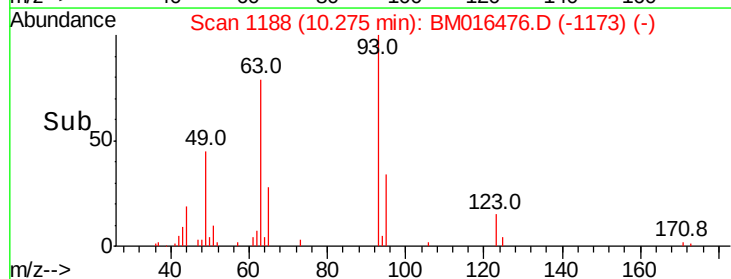
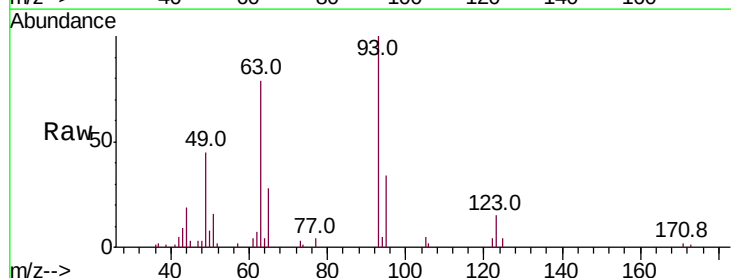
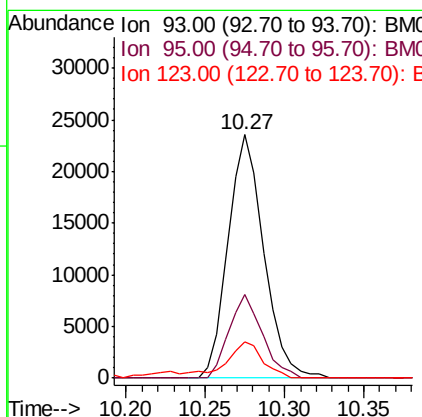
Manual Integrations
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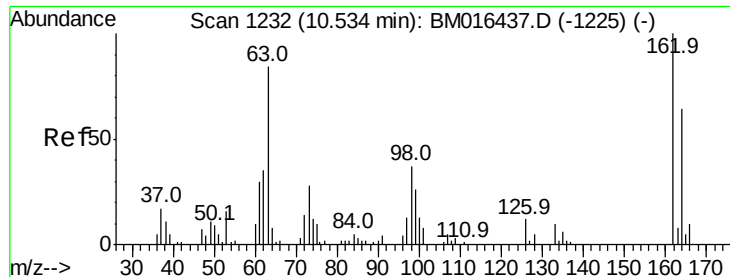
Sohil
 8/20/2018 4:17:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.448 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	25.5	38.3
123	14.7	8.6	13.0#





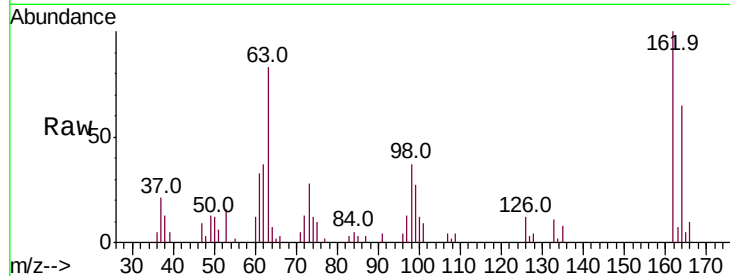
#29
 2,4-Dichlorophenol
 Concen: 52.123 ng
 RT: 10.53 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	38313		
164	64.9	42.8	82.8	
98	37.0	14.5	54.5	

Manual Integrations
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Sohil
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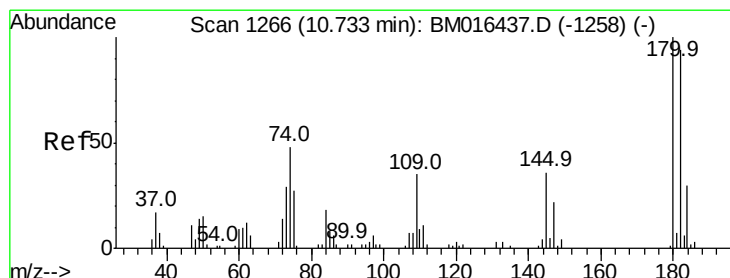
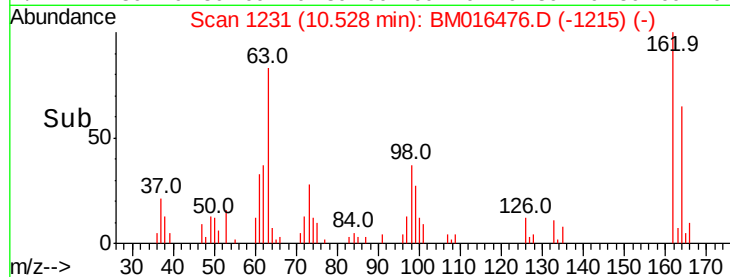
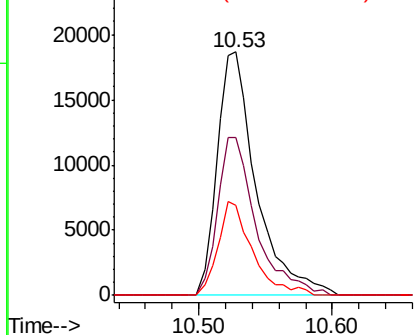


Abundance

Ion 162.00 (161.70 to 162.70): E

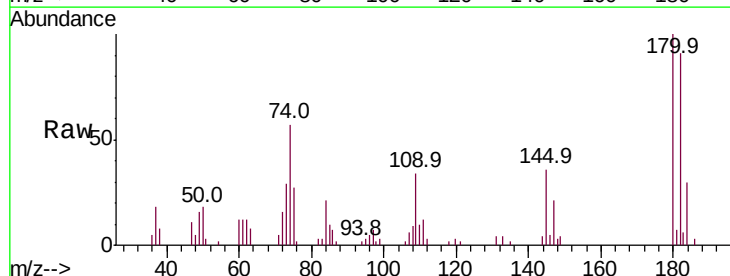
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.680 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	37099		
182	90.5	77.6	116.4	
145	36.1	23.4	35.2#	

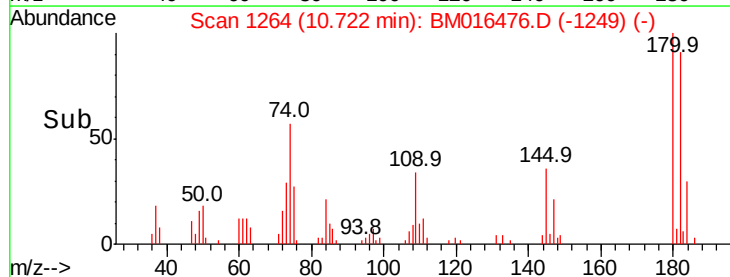
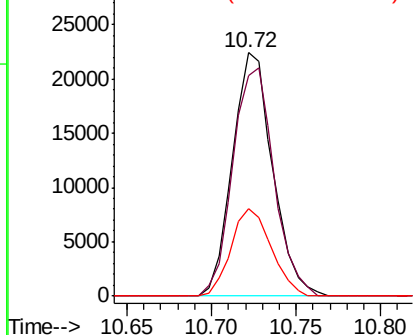


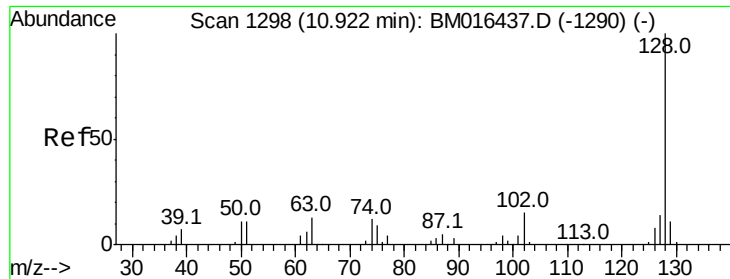
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





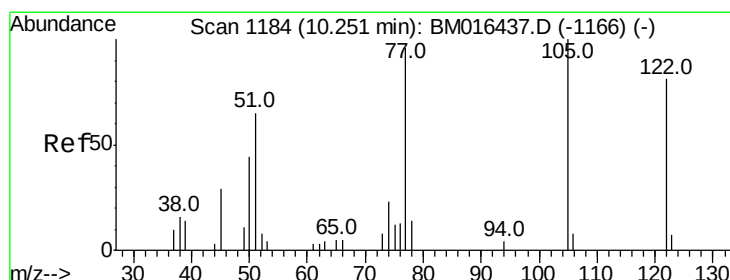
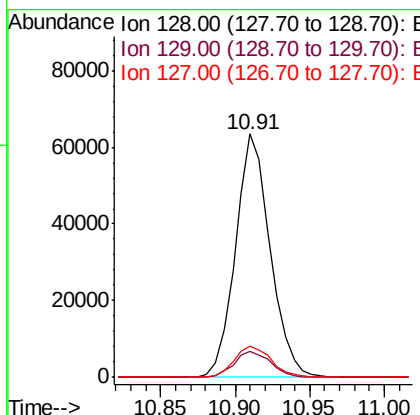
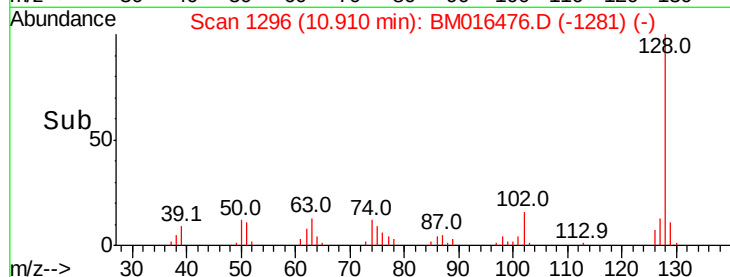
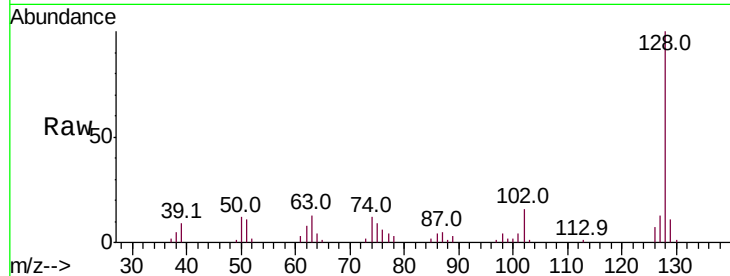
#31
Naphthalene
Concen: 48.371 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.7	10.4	15.6

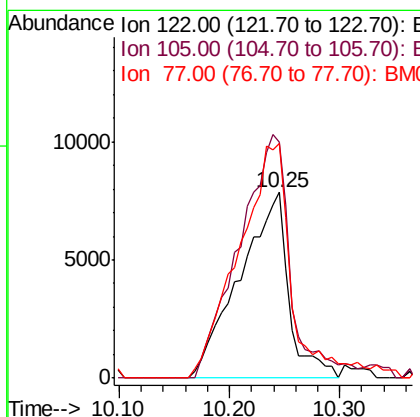
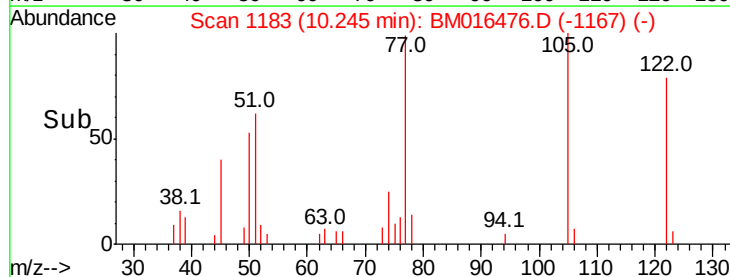
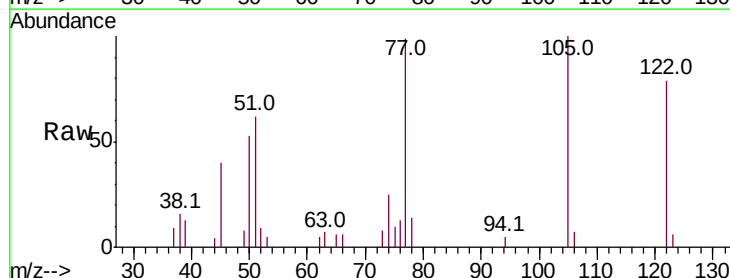
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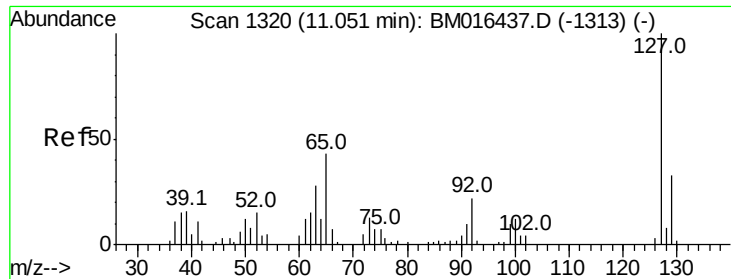
Sohil
8/20/2018 4:17:11 PM



#32
Benzoic acid
Concen: 55.265 ng
RT: 10.25 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	99.9	139.9
77	126.3	73.7	113.7#





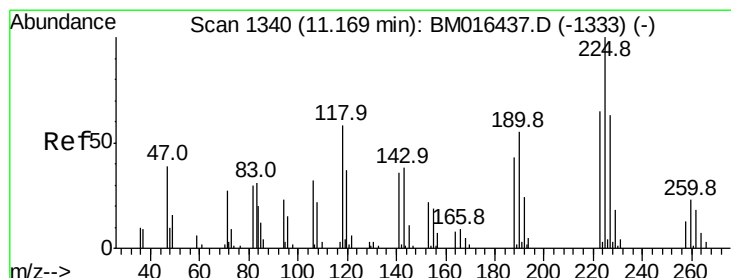
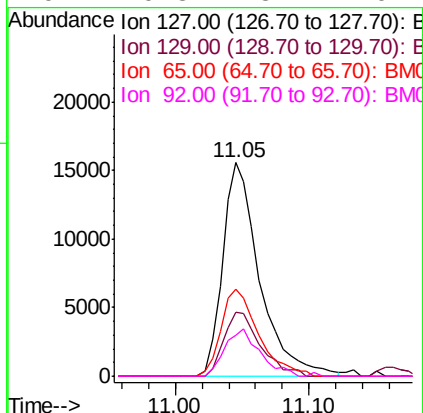
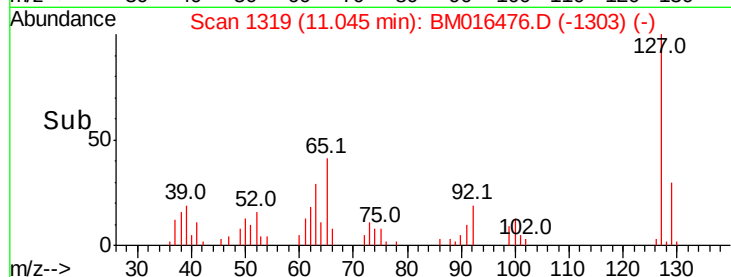
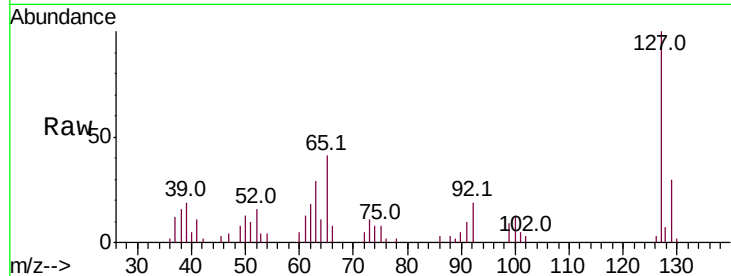
#33
4-Chloroaniline
Concen: 33.245 ng
RT: 11.05 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.1	25.3	37.9
65	40.6	17.6	26.4
92	19.3	13.1	19.7

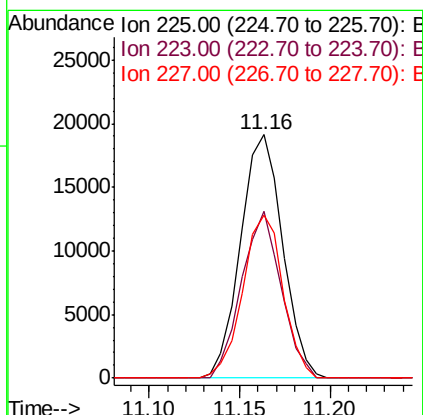
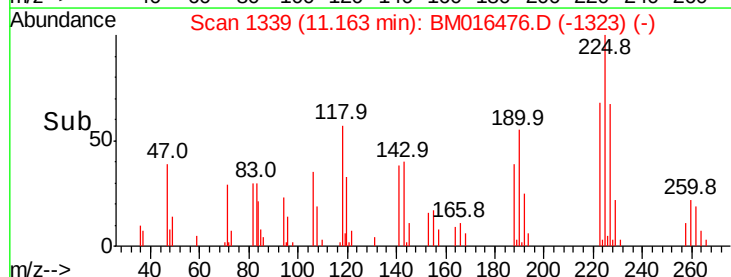
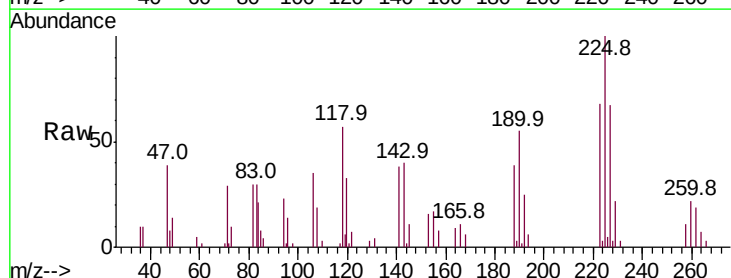
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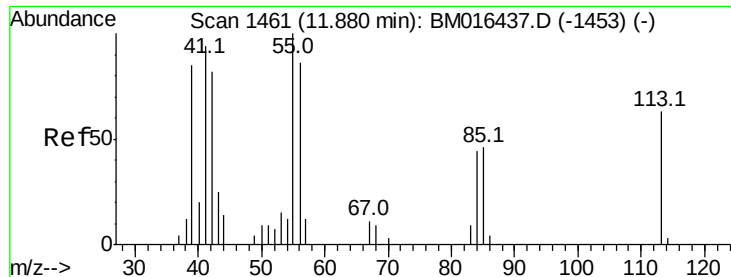
Sohil
8/20/2018 4:17:11 PM



#34
Hexachlorobutadiene
Concen: 41.239 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	47.9	71.9
227	67.3	50.1	75.1





#35

Caprolactam

Concen: 65.065 ng/mL

RT: 11.86 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Instrument :

BNA_M

ClientSampled :

PB112126BS

Tot Ion: 113 Resp: 12261

Ion Ratio Lower Upper

113 100

55 157.4 145.9 185.9

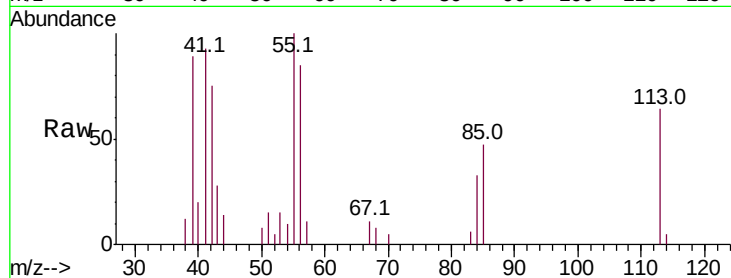
56 134.0 101.0 141.0

Manual Integrations

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Sohil

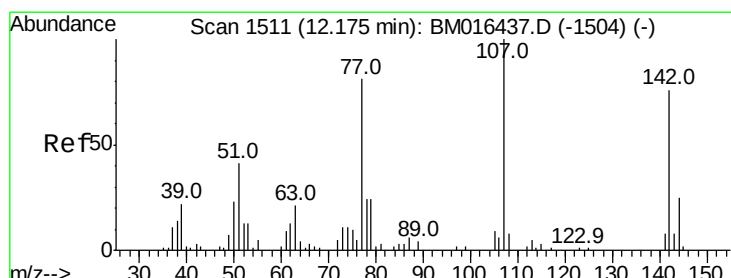
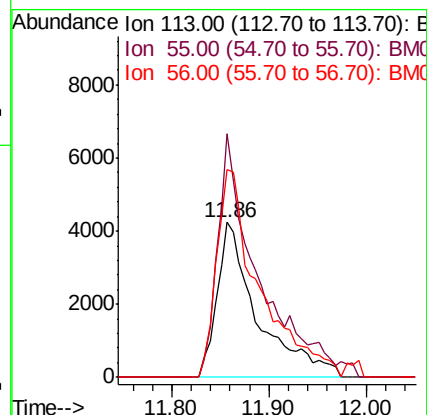
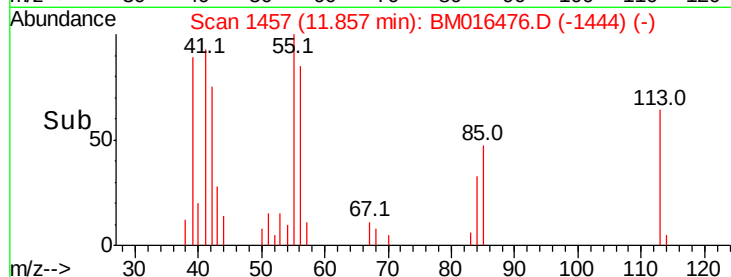
8/20/2018 4:17:11 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 56.791 ng/mL

RT: 12.17 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

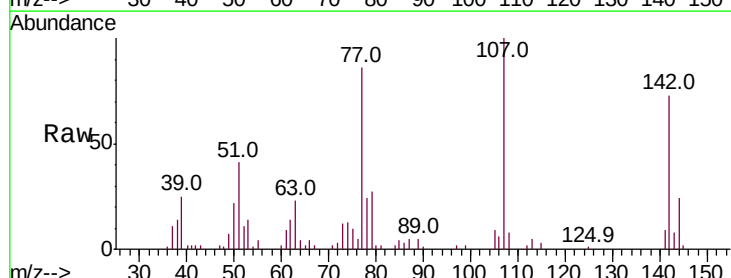
Tgt Ion: 107 Resp: 47602

Ion Ratio Lower Upper

107 100

144 23.8 23.3 34.9

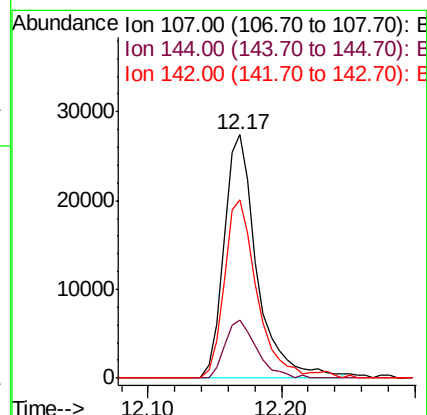
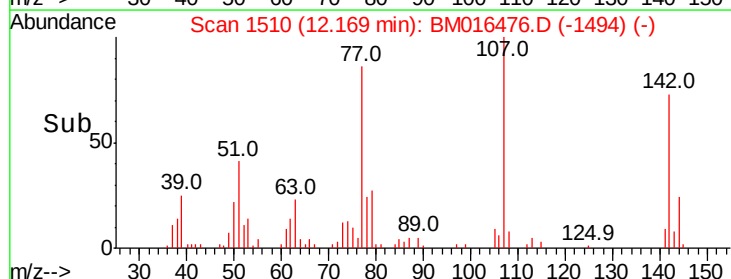
142 73.0 72.6 109.0

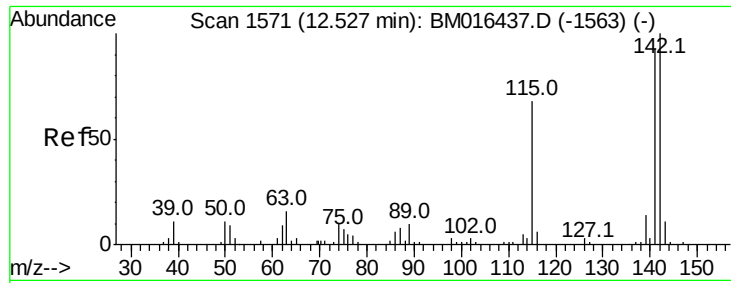


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





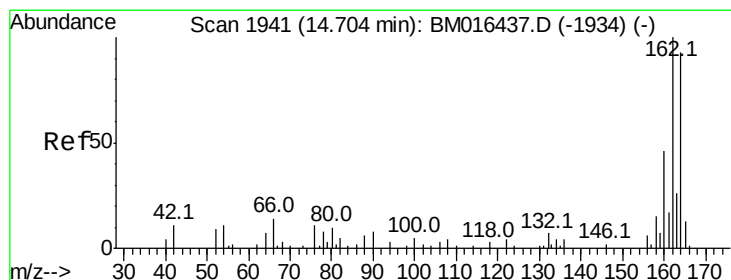
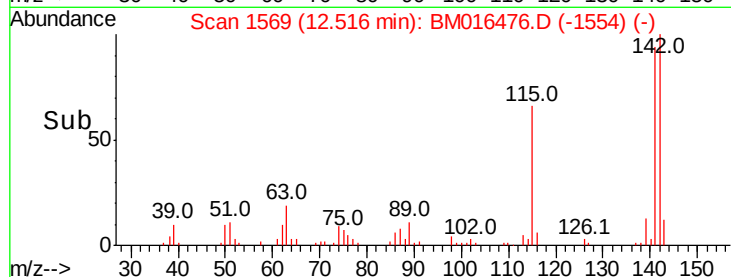
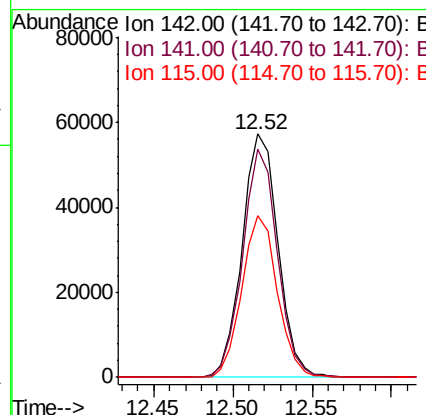
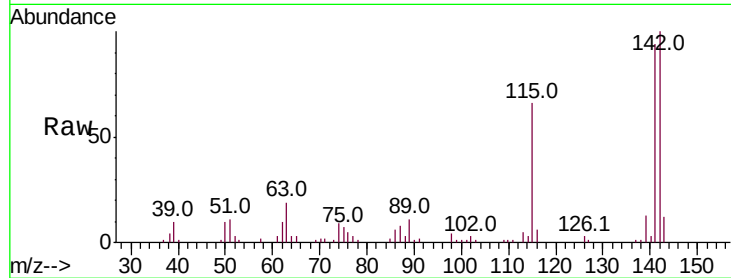
#37
2-Methylnaphthalene
Concen: 57.239 ng
RT: 12.52 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.0	71.9	107.9
115	66.4	25.4	38.0

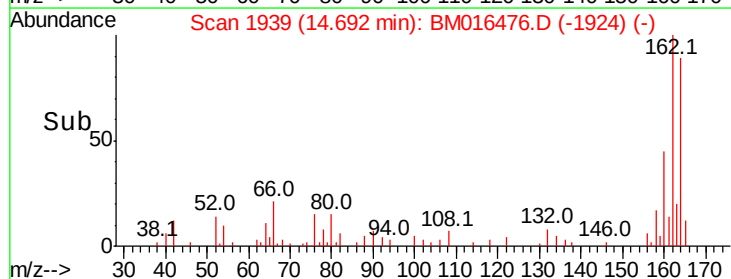
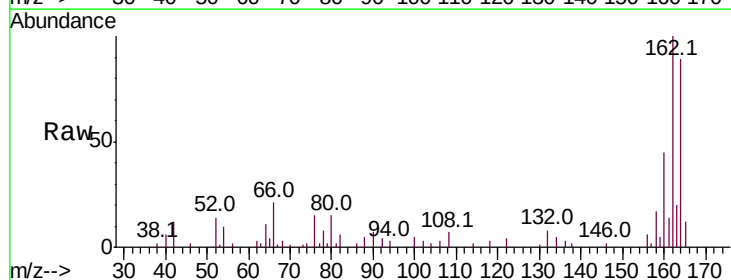
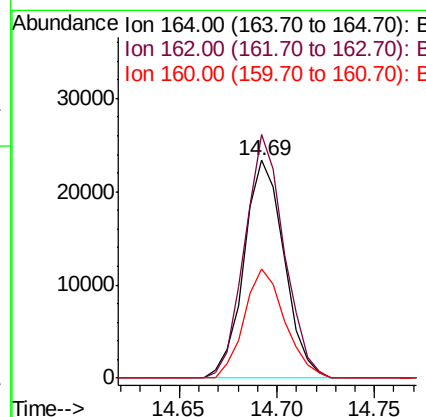
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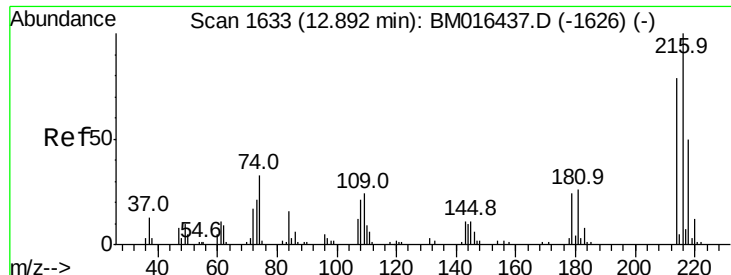
Sohil
8/20/2018 4:17:11 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.9	82.4	123.6
160	50.1	35.8	53.6





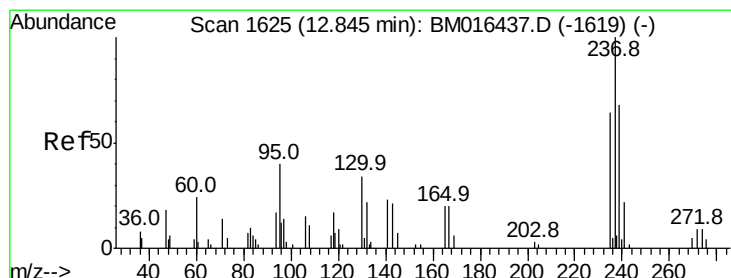
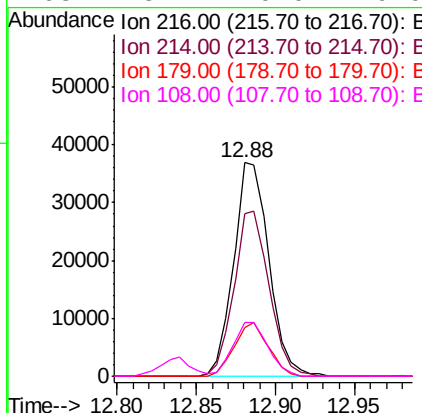
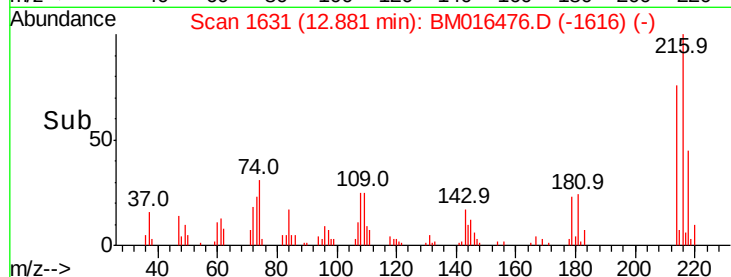
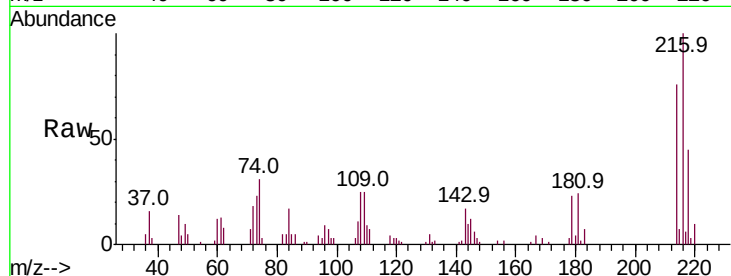
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.788 ng
 RT: 12.88 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.7	0.0	0.0#
179	24.1	0.0	0.0#
108	25.2	0.0	0.0#

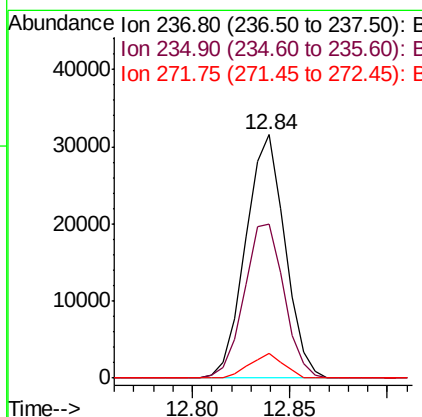
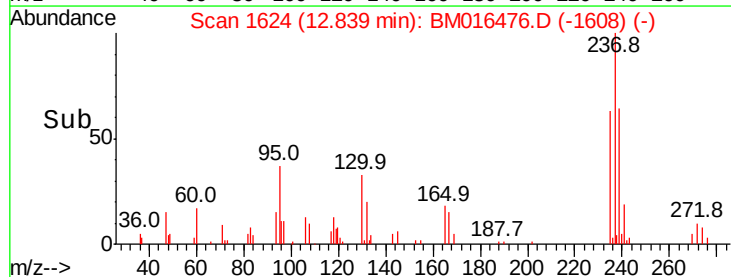
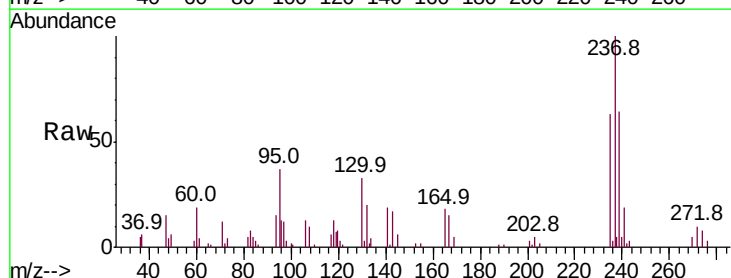
Manual Integrations
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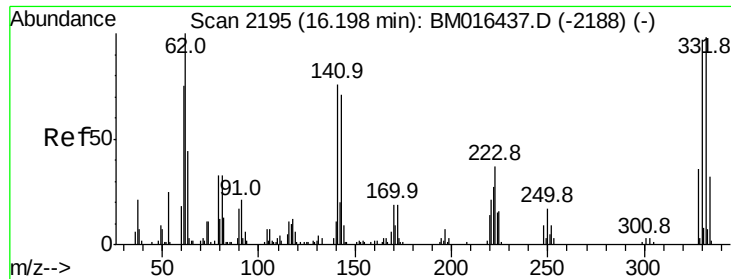
Sohil
 8/20/2018 4:17:11 PM



#40
 Hexachlorocyclopentadiene
 Concen: 75.228 ng
 RT: 12.84 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	42.0	82.0
272	10.0	0.0	33.4





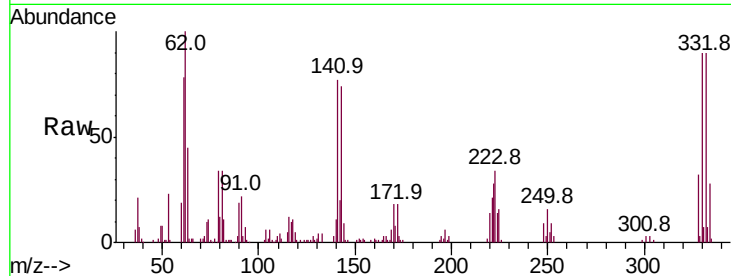
#41
 2,4,6-Tribromophenol
 Concen: 75.228 ng
 RT: 16.19 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

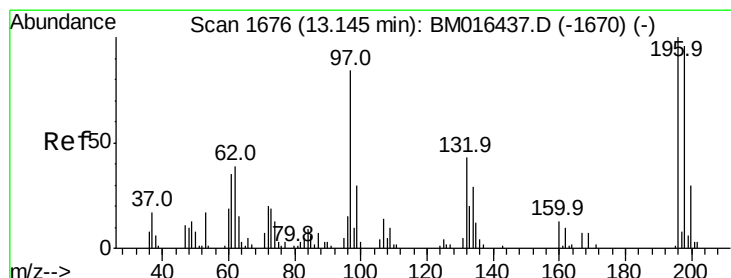
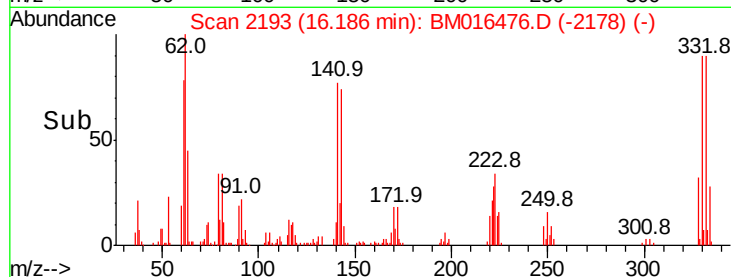
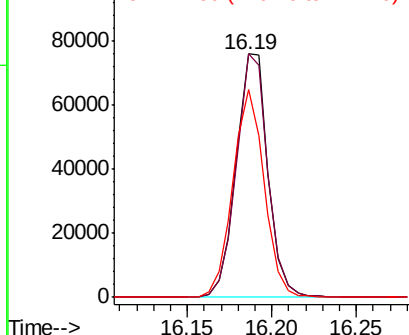
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	83.8	0.0	0.0#

Manual Integrations
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 8/20/2018 4:17:11 PM

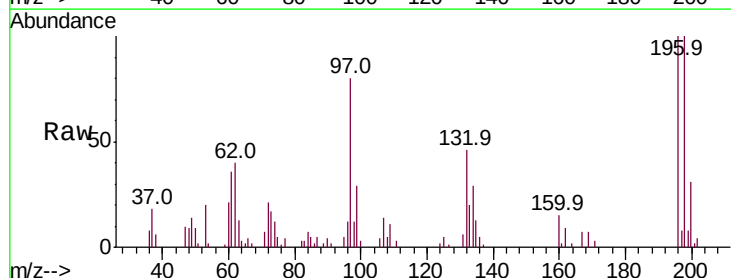


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

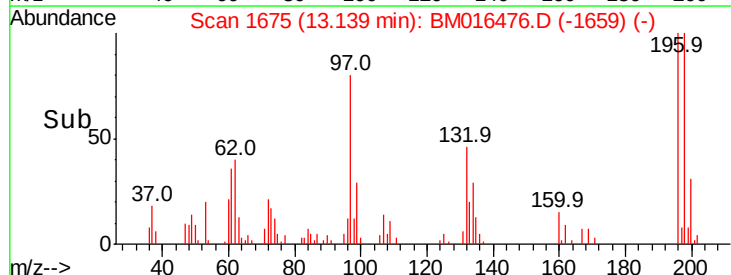
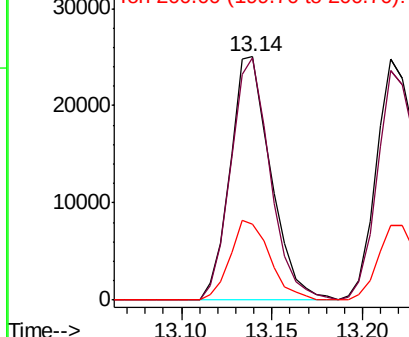


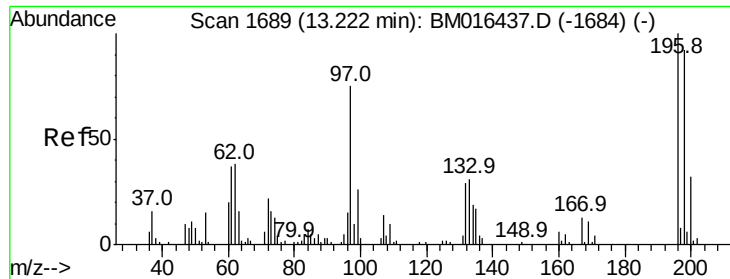
#42
 2,4,6-Trichlorophenol
 Concen: 46.078 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	99.6	76.3	114.5
200	31.4	25.6	38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





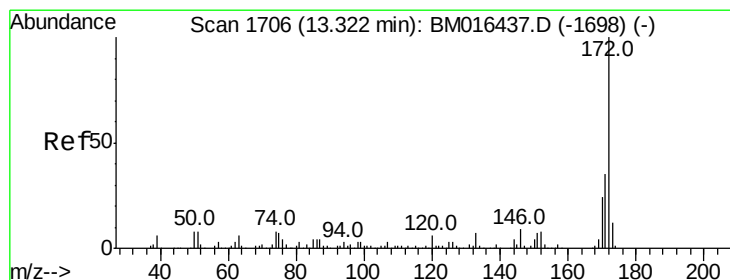
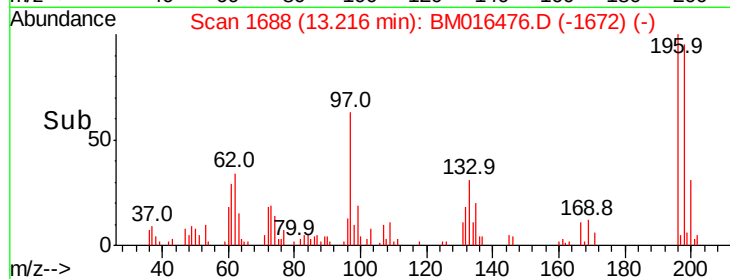
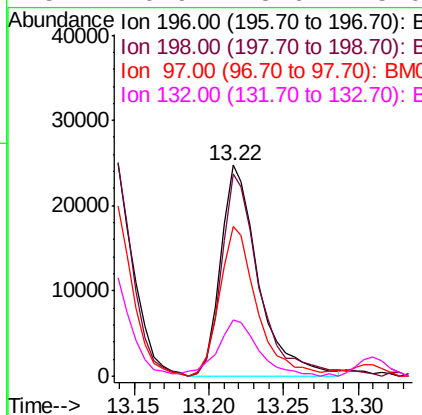
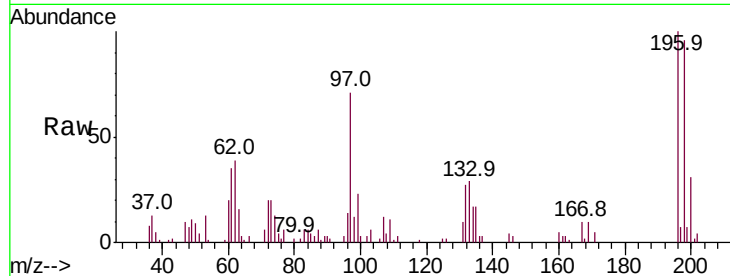
#43
 2,4,5-Trichlorophenol
 Concen: 52.838 ng
 RT: 13.22 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	196	Resp	43939
Ion Ratio	Lower	Upper	
196	100		
198	95.6	79.4	119.0
97	71.2	26.8	40.2#
132	26.9	18.6	28.0

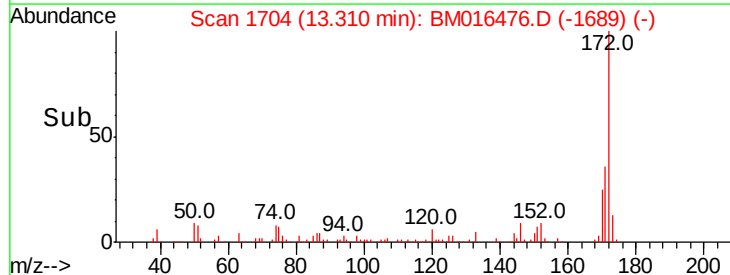
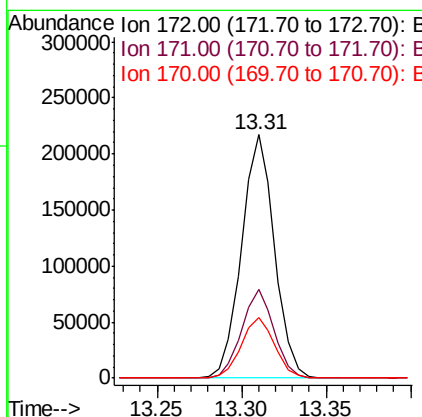
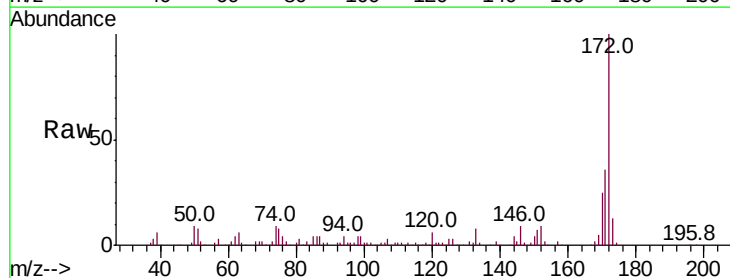
Manual Integrations
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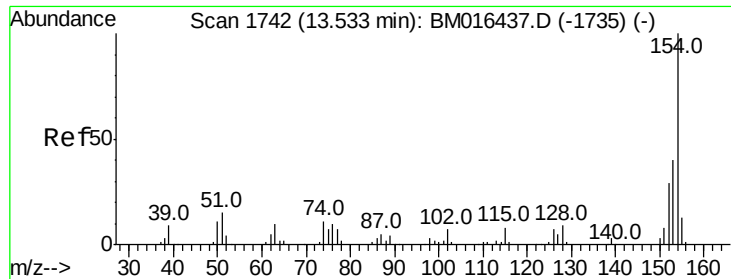
Sohil
 8/20/2018 4:17:11 PM



#44
 2-Fluorobiphenyl
 Concen: 52.838 ng
 RT: 13.31 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	172	Resp	294579
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.5	42.7
170	25.0	18.8	28.2





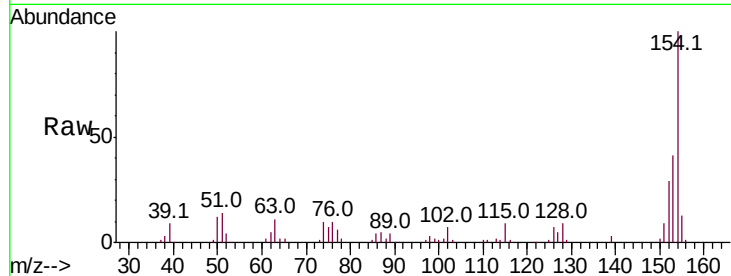
#45
 1,1'-Biphenyl
 Concen: 42.678 ng
 RT: 13.53 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.3	20.7	60.7
76	9.8	0.0	30.9

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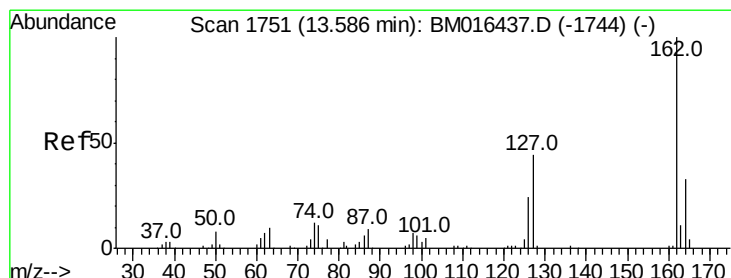
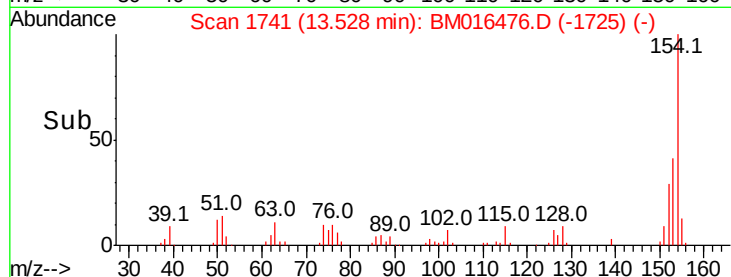
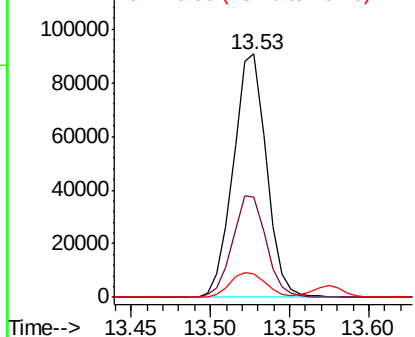


Abundance

Ion 154.00 (153.70 to 154.70): E

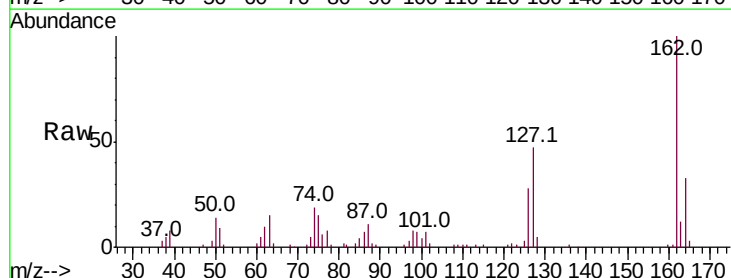
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46
 2-Chloronaphthalene
 Concen: 43.357 ng
 RT: 13.57 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	46.8	26.9	40.3#
164	32.9	26.8	40.2

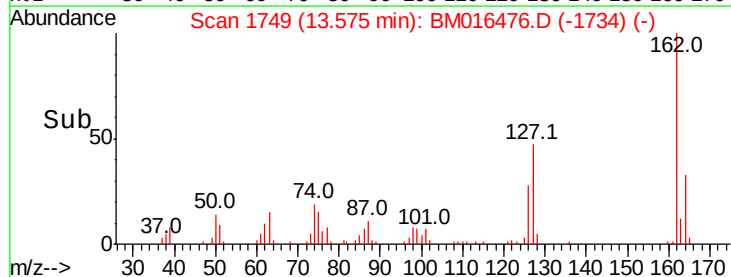
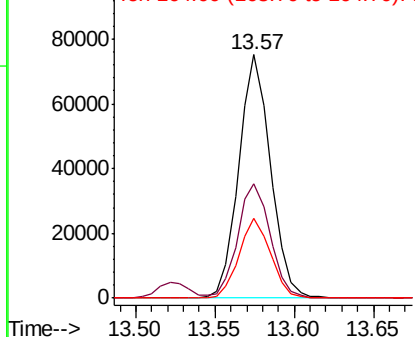


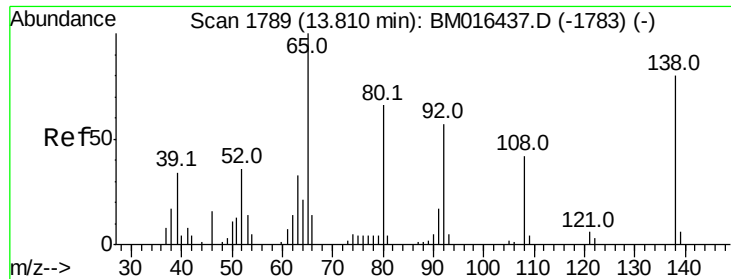
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





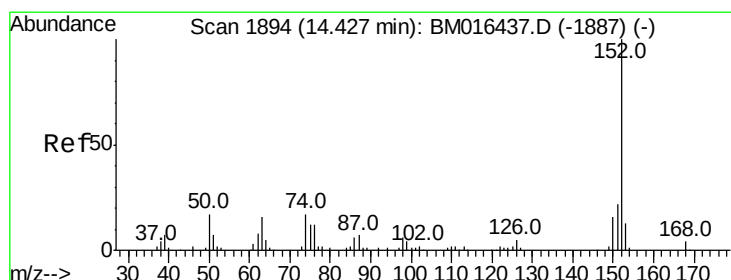
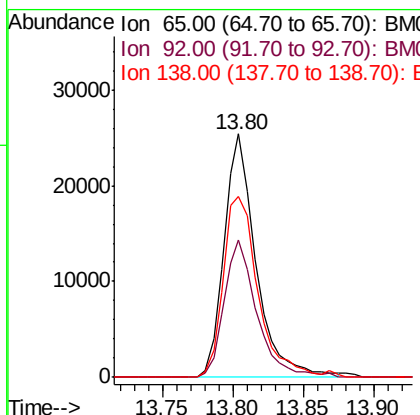
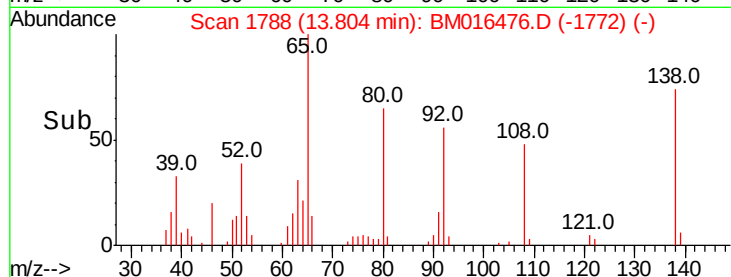
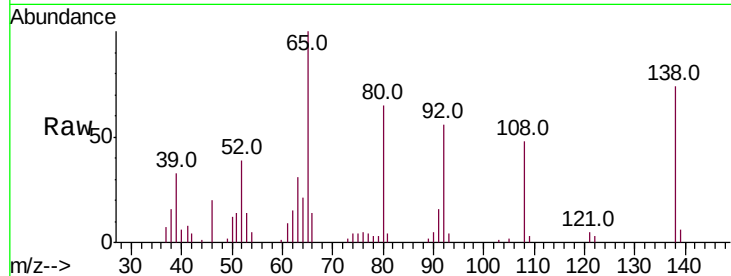
#47
2-Nitroaniline
Concen: 47.855 ng
RT: 13.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampled :
PB112126BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.4	59.1	88.7#
138	74.4	93.9	140.9#

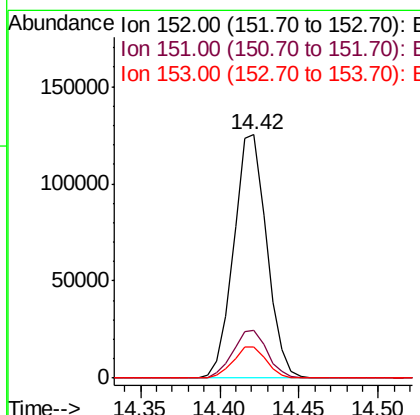
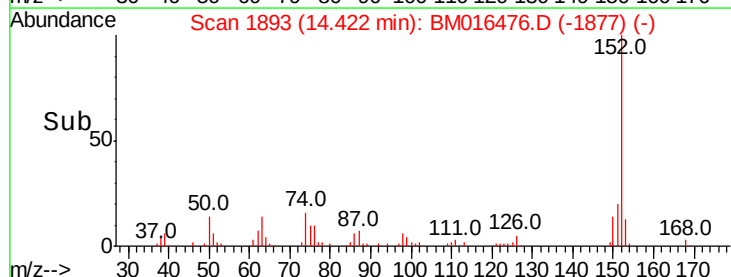
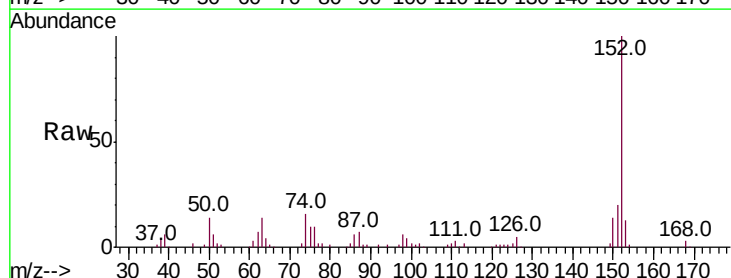
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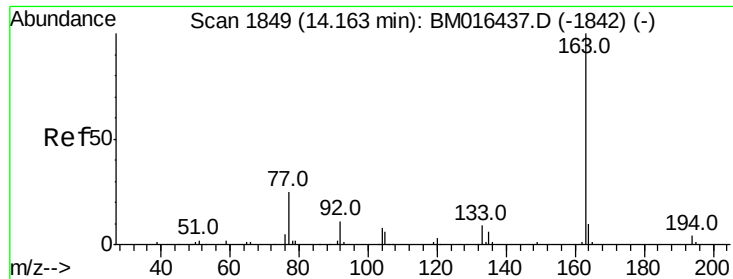
Sohil
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#48
Acenaphthylene
Concen: 50.016 ng
RT: 14.42 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.6	16.0





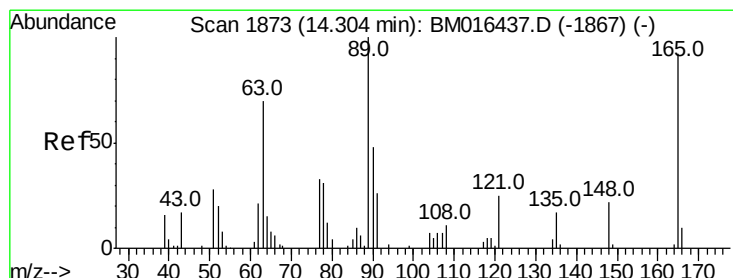
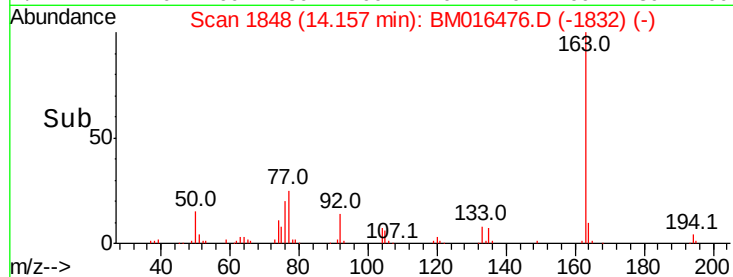
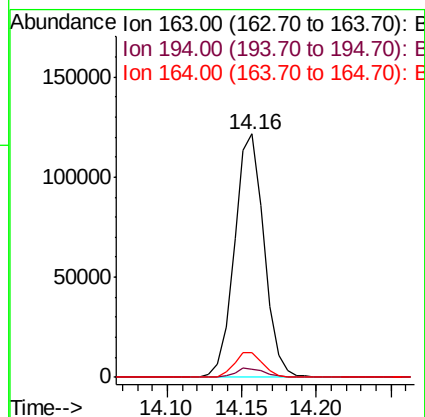
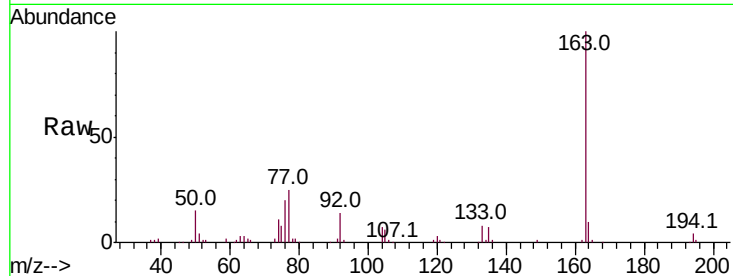
#49
Dimethylphthalate
Concen: 51.302 ng
RT: 14.16 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.3	8.2	12.2	

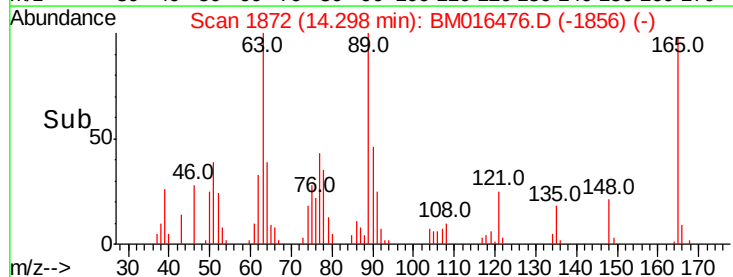
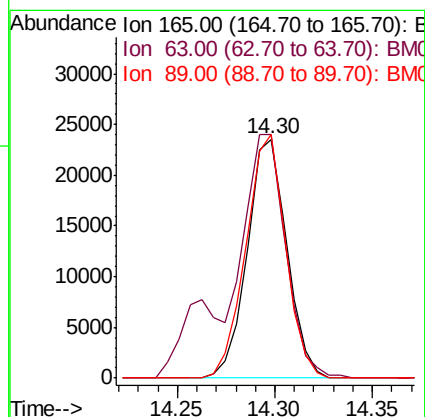
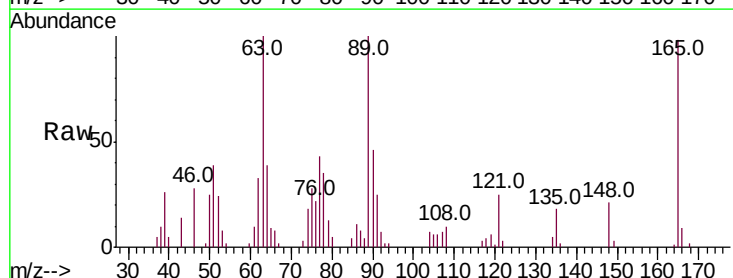
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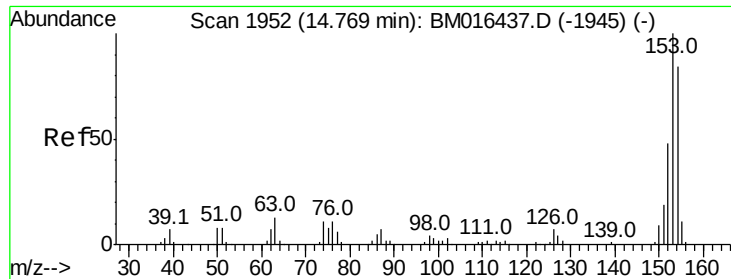
Sohil
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#50
2,6-Dinitrotoluene
Concen: 53.366 ng
RT: 14.30 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	101.8	44.1	66.1#	
89	101.8	44.3	66.5#	





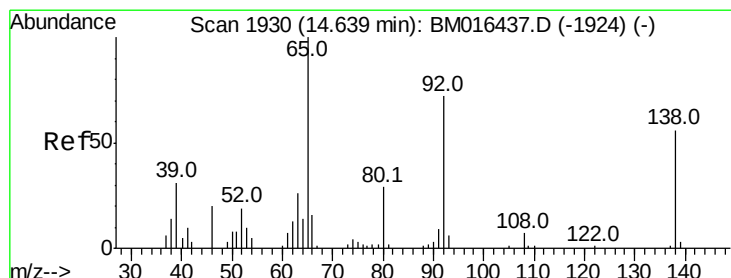
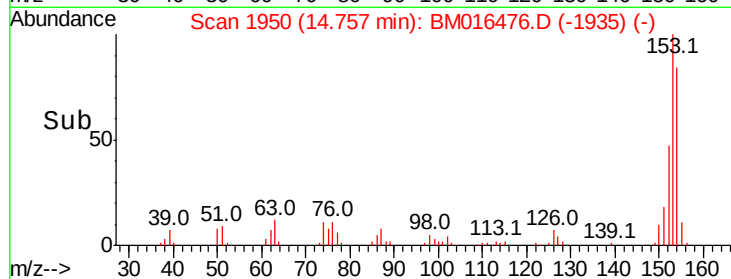
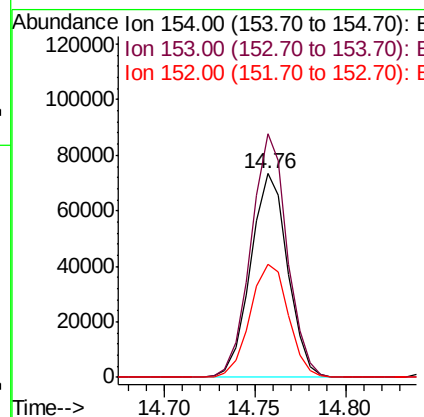
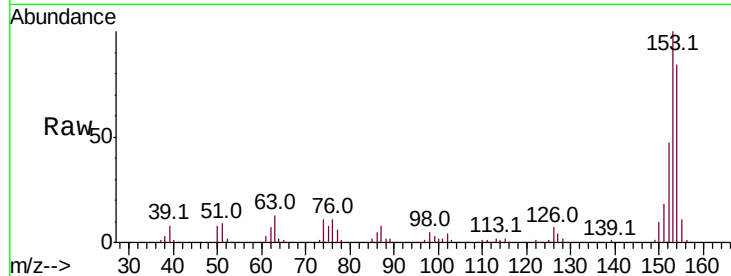
#51
Acenaphthene
Concen: 47.838 ng
RT: 14.76 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	119.4	90.0	135.0
152	55.7	42.6	63.8

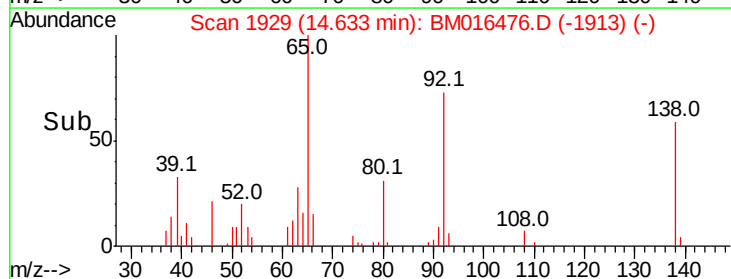
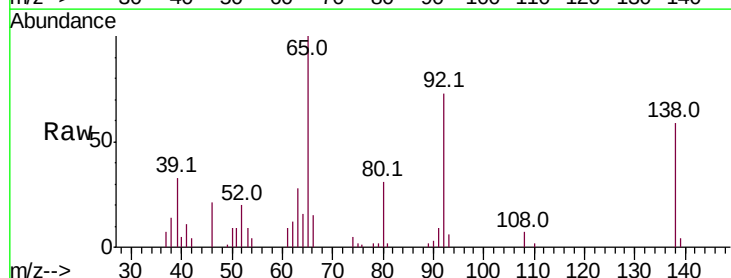
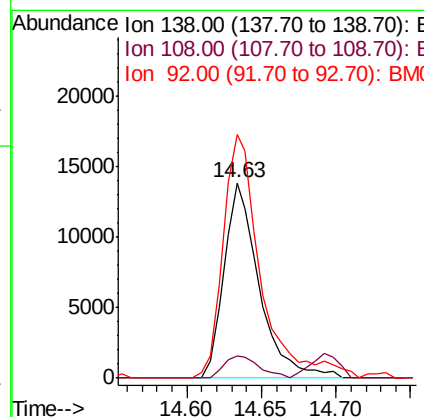
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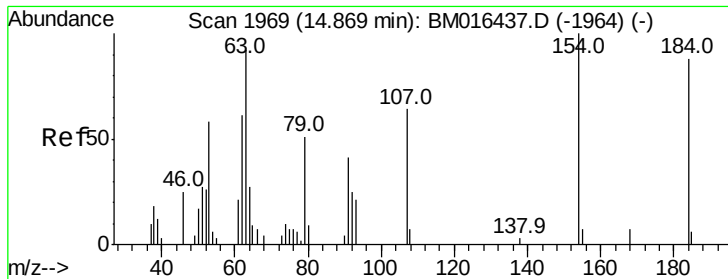
Sohil
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#52
3-Nitroaniline
Concen: 37.514 ng
RT: 14.63 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	7.3	10.9#
92	124.8	76.6	114.8#





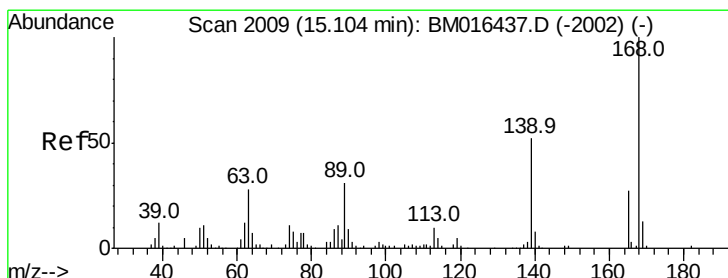
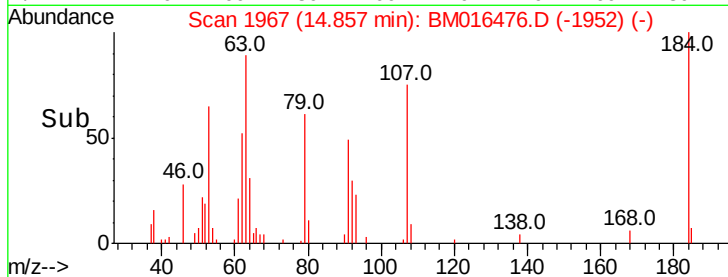
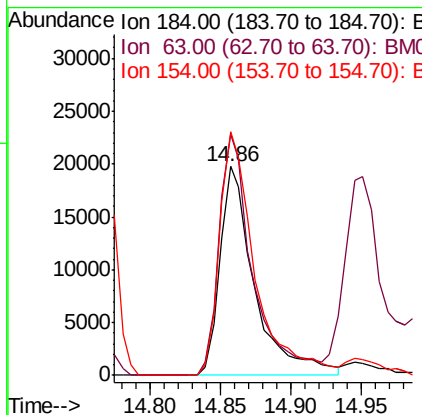
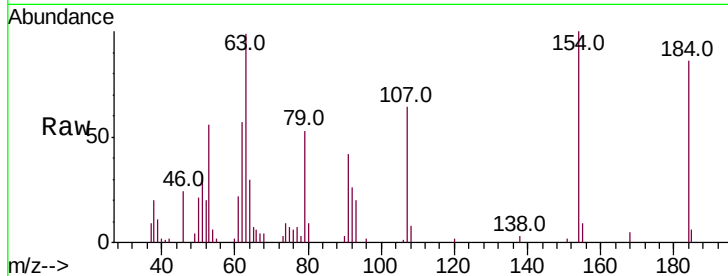
#53
 2,4-Dinitrophenol
 Concen: 101.347 ng
 RT: 14.86 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	115.5	69.2	103.8#
154	116.6	53.3	79.9#

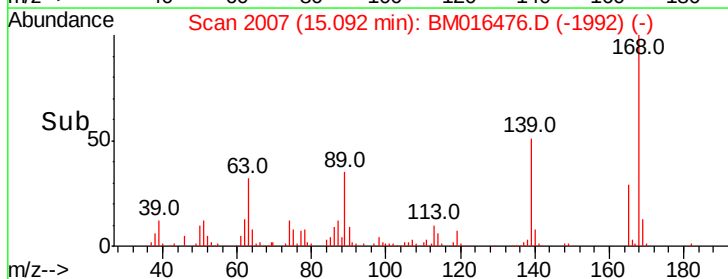
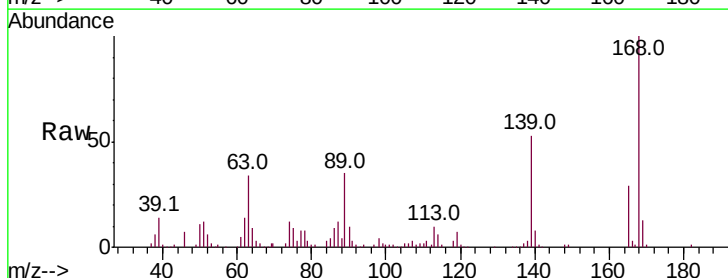
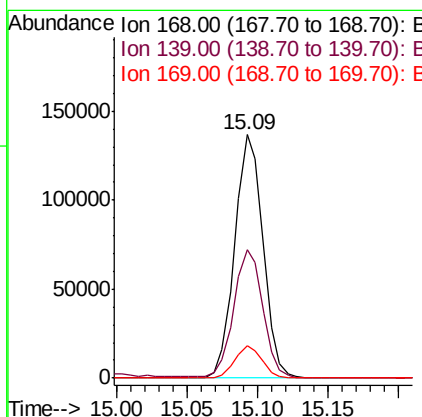
Manual Integrations
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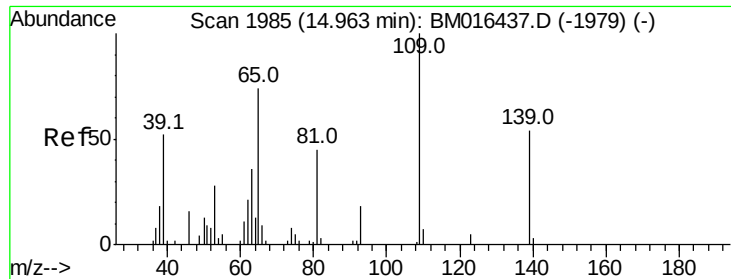
Sohil
 8/20/2018 4:17:11 PM



#54
 Dibenzofuran
 Concen: 49.535 ng
 RT: 15.09 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	52.9	27.3	40.9#
169	13.3	10.6	16.0





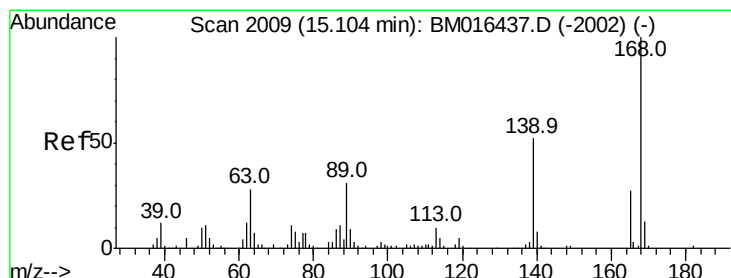
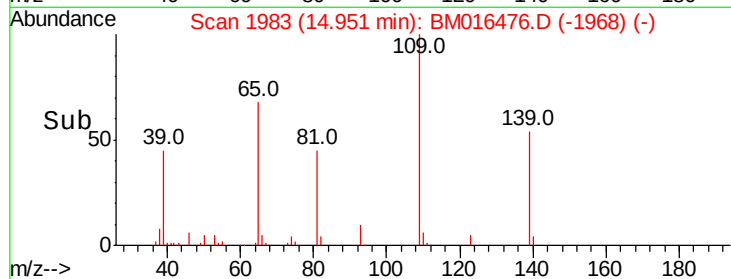
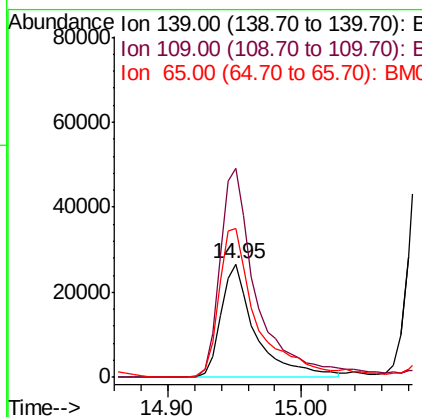
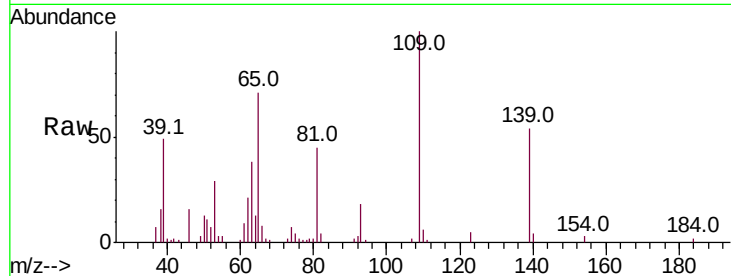
#55
4-Nitrophenol
Concen: 120.844 ng
RT: 14.95 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampled :
PB112126BS

Tot Ion:139 Resp: 48222
Ion Ratio Lower Upper
139 100
109 184.5 130.0 170.0#
65 131.1 130.0 170.0

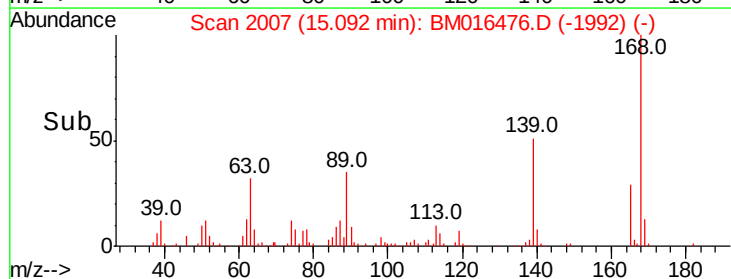
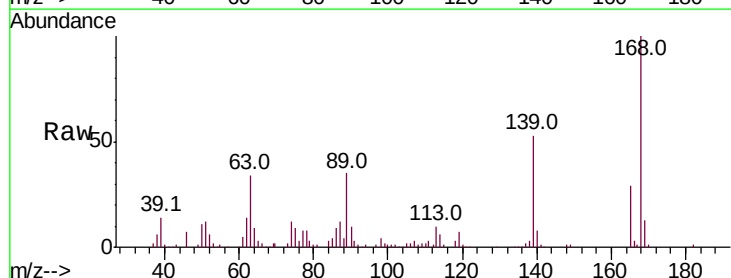
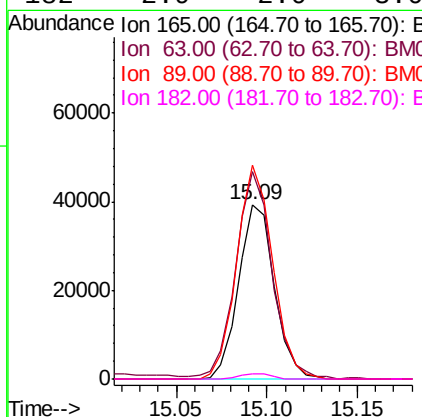
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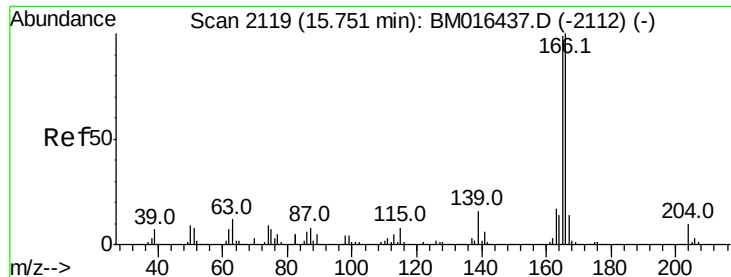
Sohil
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#56
2,4-Dinitrotoluene
Concen: 52.364 ng
RT: 15.09 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion:165 Resp: 54274
Ion Ratio Lower Upper
165 100
63 118.7 52.4 78.6#
89 122.5 72.4 108.6#
182 2.9 2.0 3.0





#57

Fluorene

Concen: 55.066 ng

RT: 15.74 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Instrument :

BNA_M

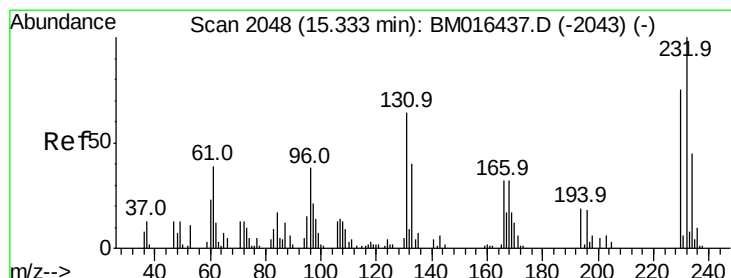
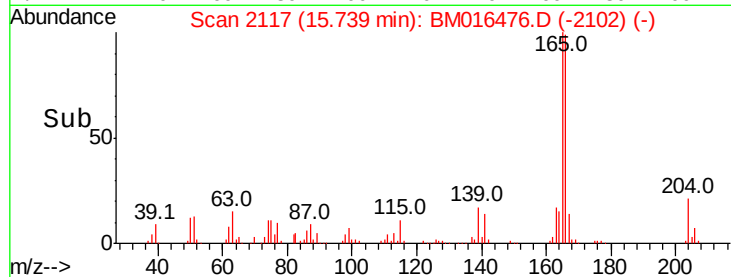
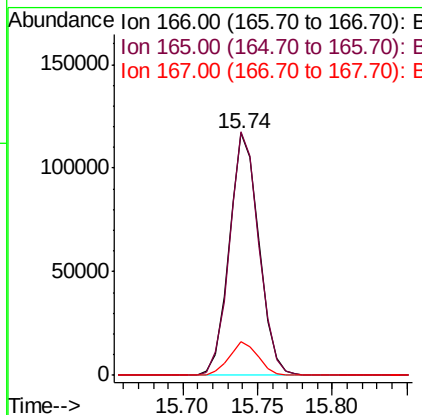
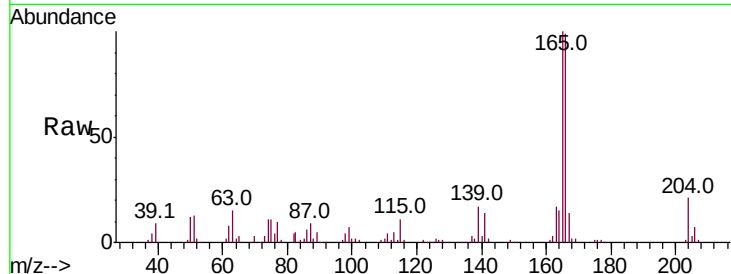
ClientSampleId :

PB112126BS

Tot Ion:	166	Resp:	161808
Ion Ratio	Lower	Upper	
166	100		
165	100.7	79.0	118.4
167	13.8	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.771 ng

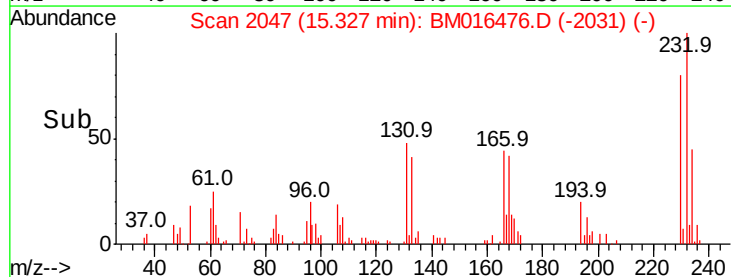
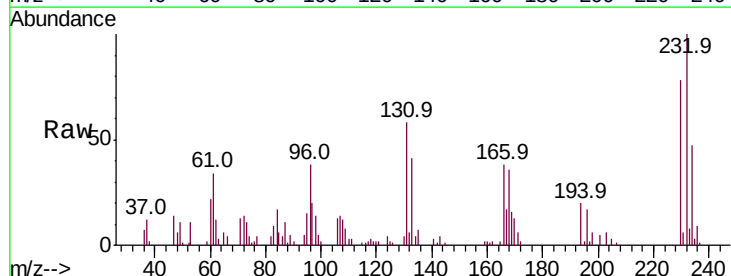
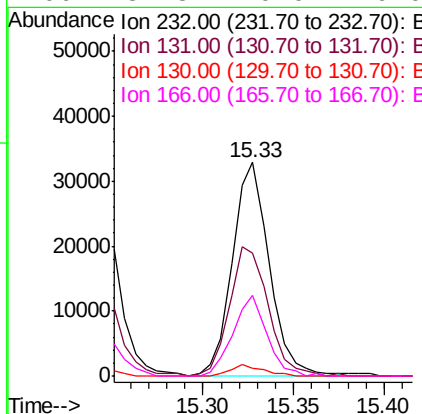
RT: 15.33 min Scan# 2047

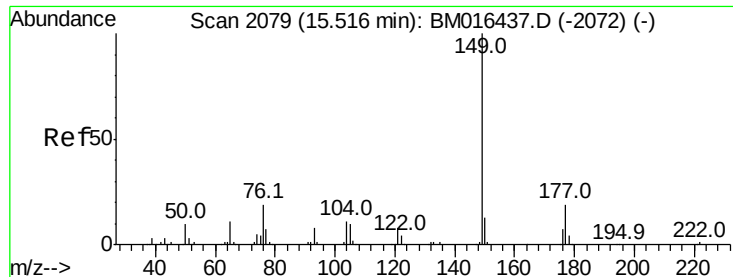
Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Tgt Ion:	232	Resp:	46569
Ion Ratio	Lower	Upper	
232	100		
131	63.4	0.0	0.0#
130	4.7	0.0	0.0#
166	34.8	0.0	0.0#





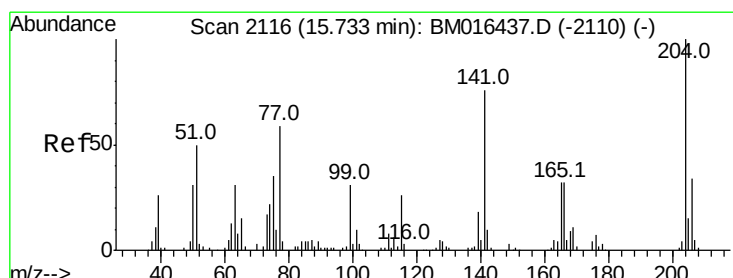
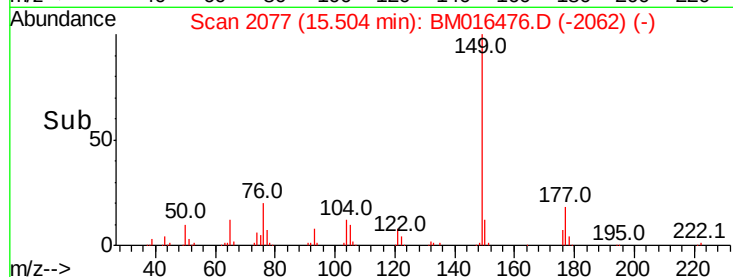
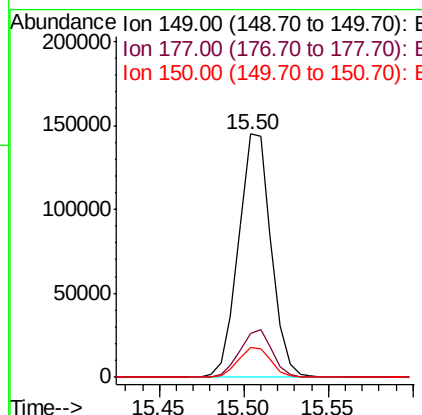
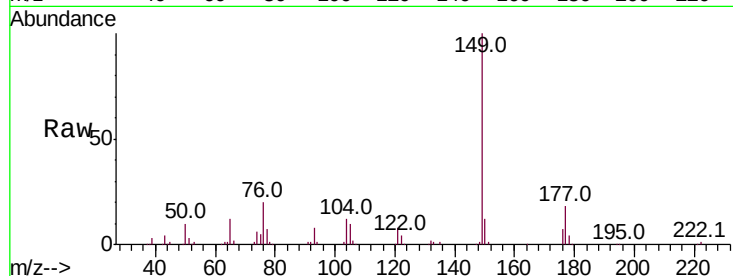
#59
Diethylphthalate
Concen: 52.453 ng
RT: 15.50 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	194443		
177	18.3	18.3	27.5#	
150	12.2	9.8	14.8	

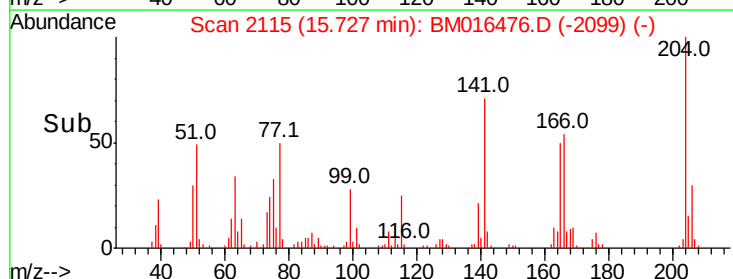
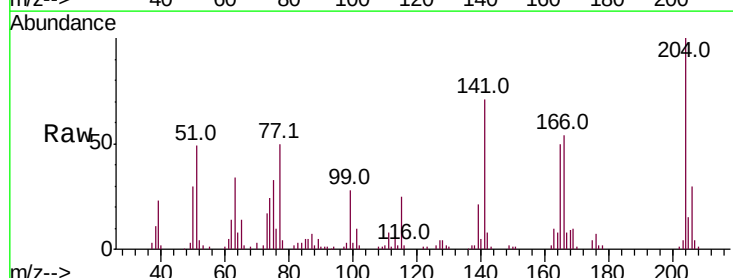
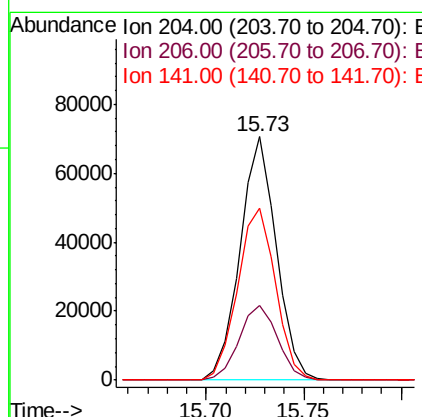
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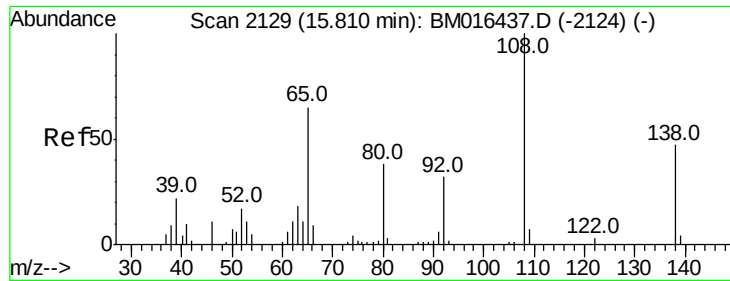
Sohil
8/20/2018 4:17:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.878 ng
RT: 15.73 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	90864		
206	30.5	26.6	39.8	
141	70.6	45.2	67.8#	





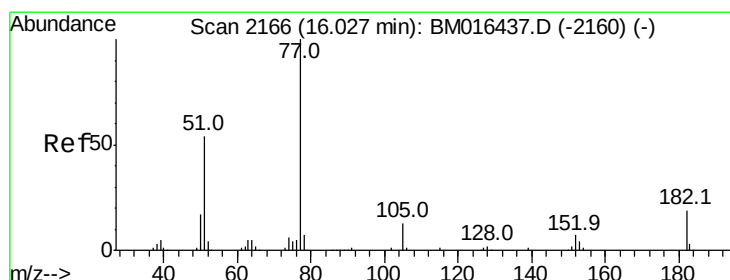
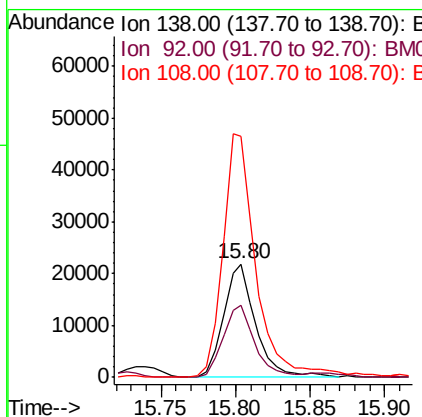
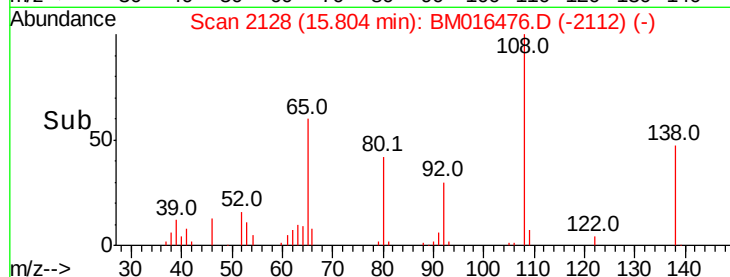
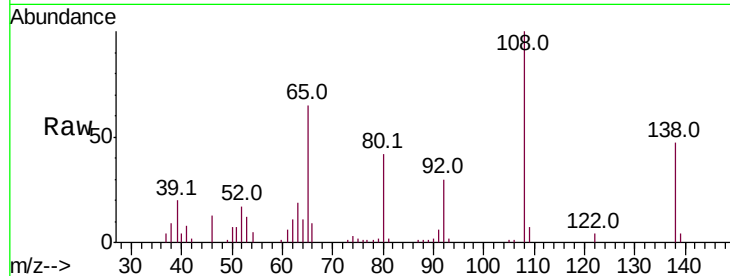
#61
4-Nitroaniline
Concen: 55.687 ng
RT: 15.80 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampled :
PB112126BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.7	16.7	56.7#
108	212.1	37.6	77.6#

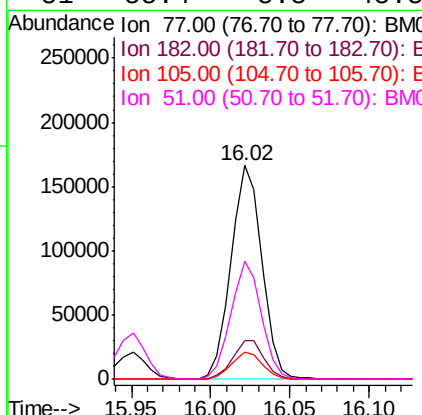
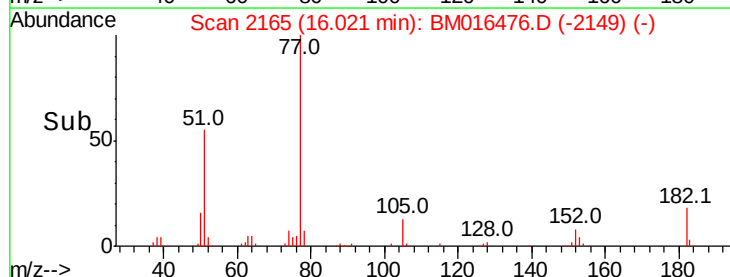
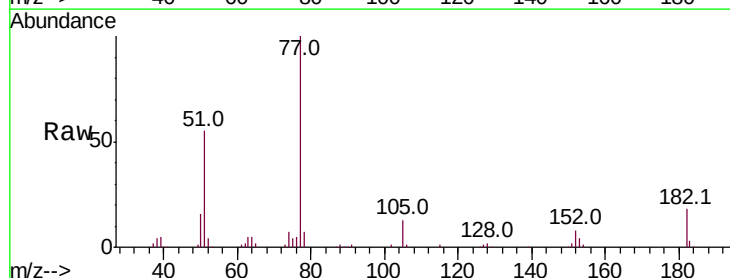
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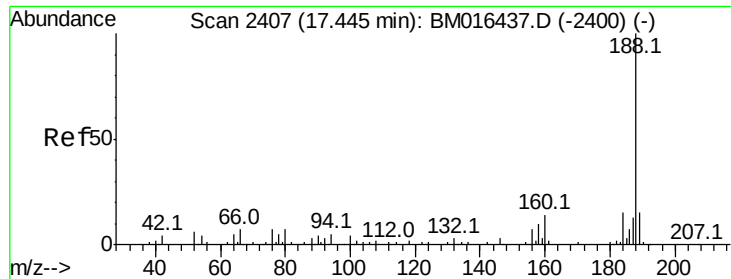
Sohil
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#62
Azobenzene
Concen: 52.490 ng
RT: 16.02 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.1	6.5	46.5
105	12.7	3.8	43.8
51	55.4	5.5	45.5#





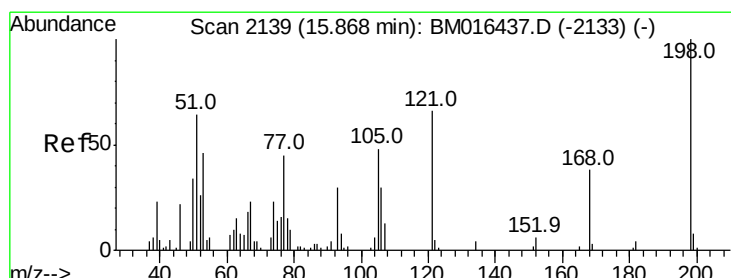
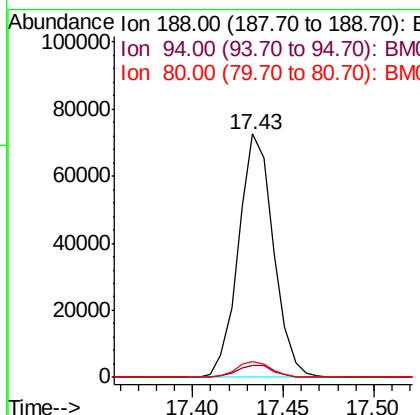
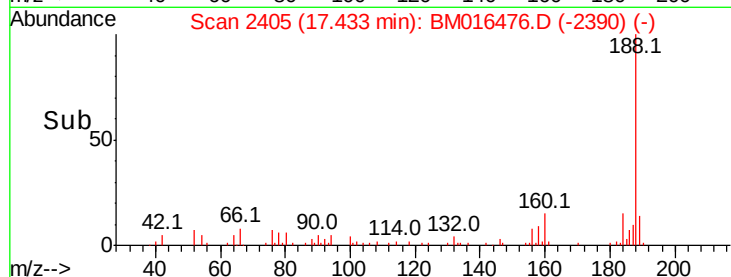
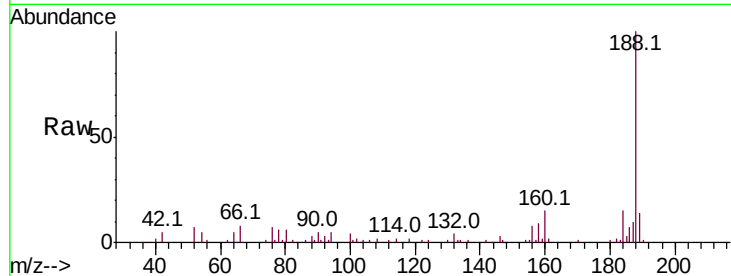
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	97170		
94	4.8	8.7	13.1#	
80	6.2	9.3	13.9#	

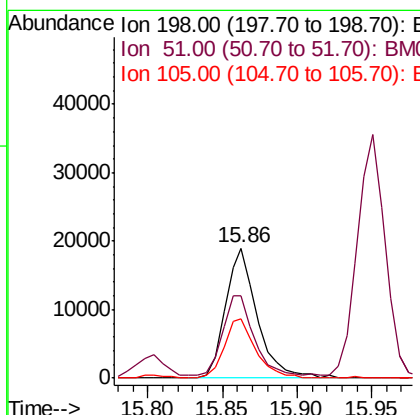
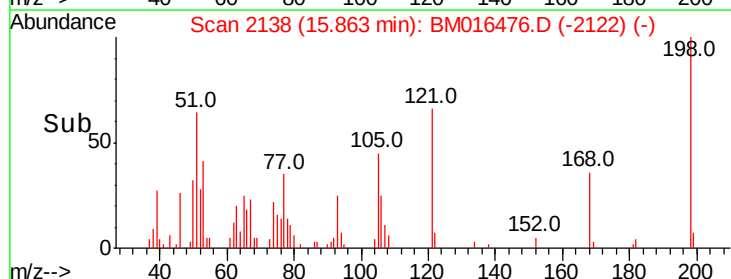
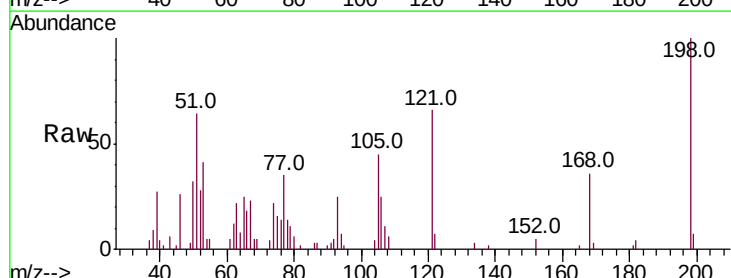
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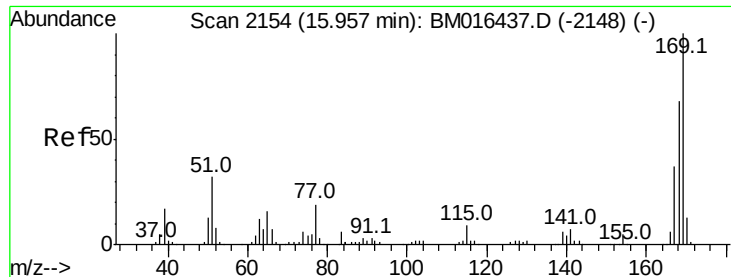
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.685 ng
 RT: 15.86 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28246		
51	63.5	28.8	68.8	
105	45.5	30.5	70.5	





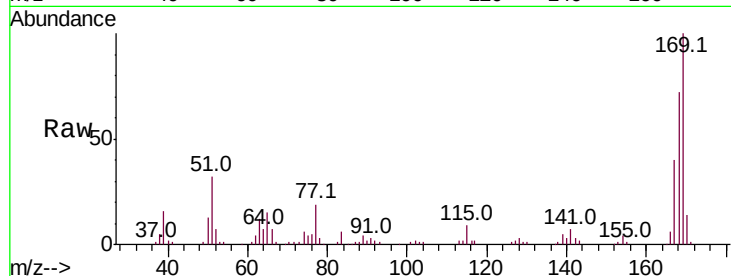
#65
 n-Nitrosodiphenylamine
 Concen: 43.443 ng
 RT: 15.95 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	72.4	53.9	80.9	
167	39.7	28.9	43.3	

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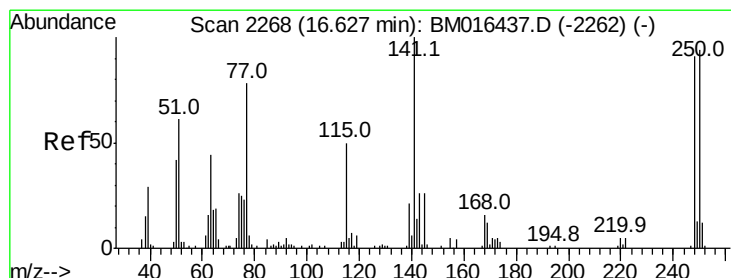
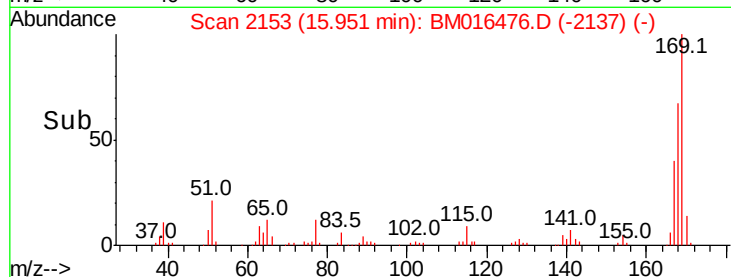
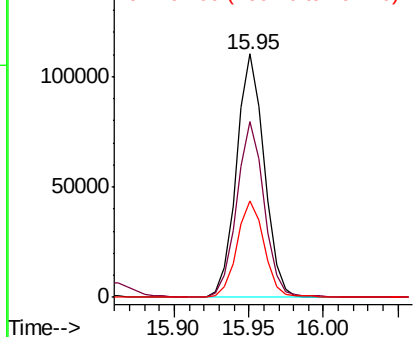


Abundance

Ion 169.00 (168.70 to 169.70): E

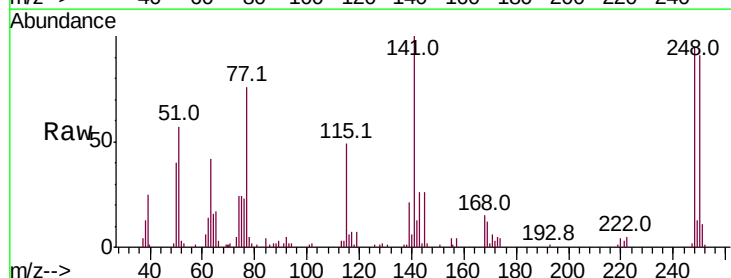
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 43.842 ng
 RT: 16.62 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.1	77.4	116.0	
141	105.2	45.2	67.8	

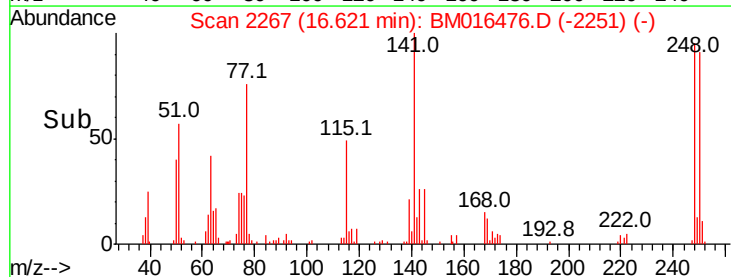
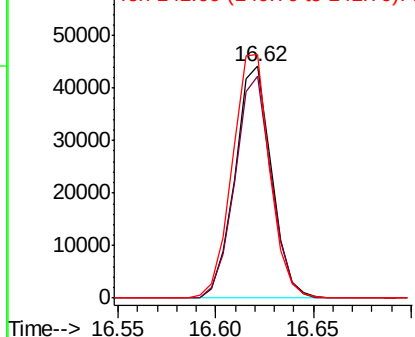


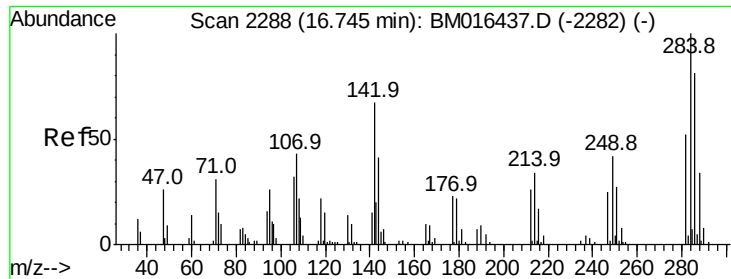
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





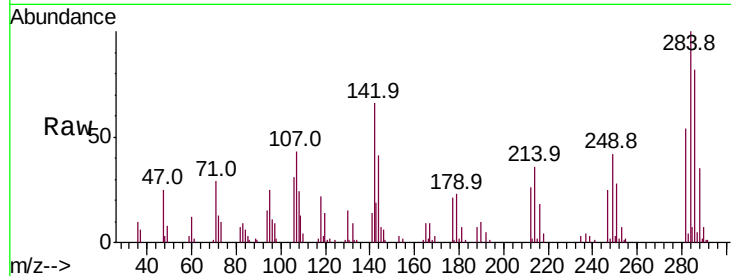
#67
Hexachlorobenzene
Concen: 43.470 ng
RT: 16.74 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampled :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	66.0	20.4	30.6#	
249	42.0	23.8	35.6#	

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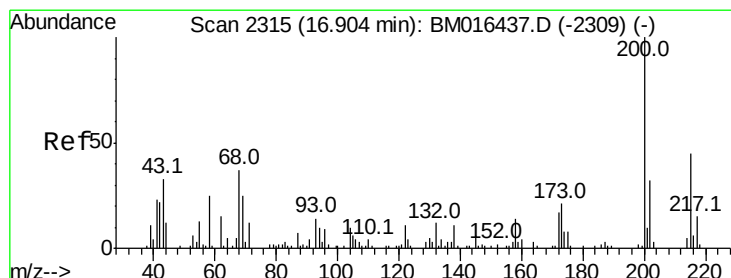
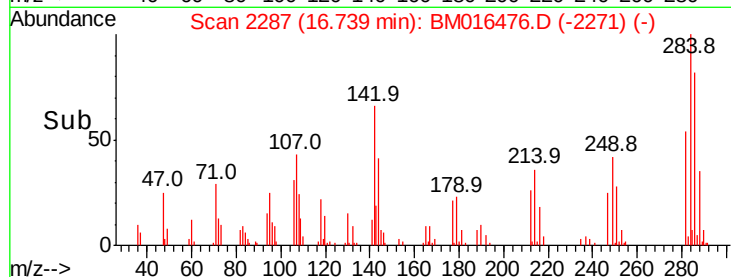
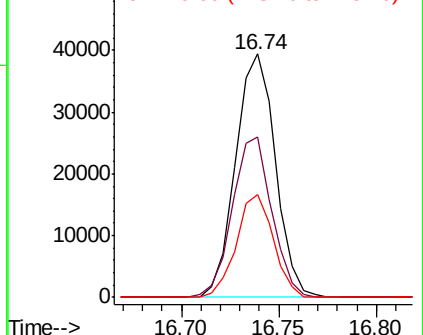


Abundance

Ion 283.80 (283.50 to 284.50): E

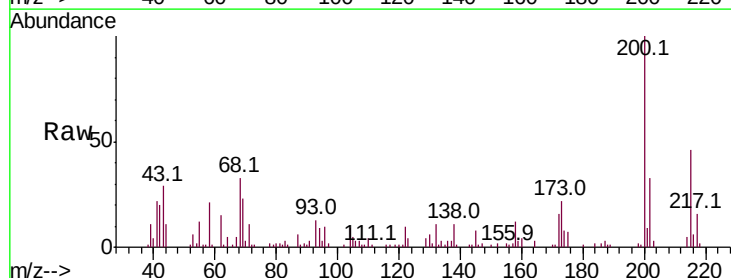
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 55.485 ng
RT: 16.90 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	21.9	4.8	44.8	
215	45.8	26.9	66.9	

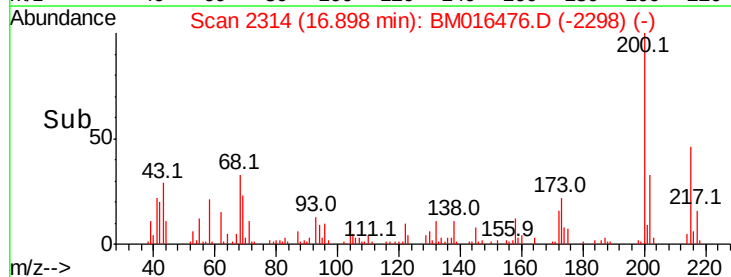
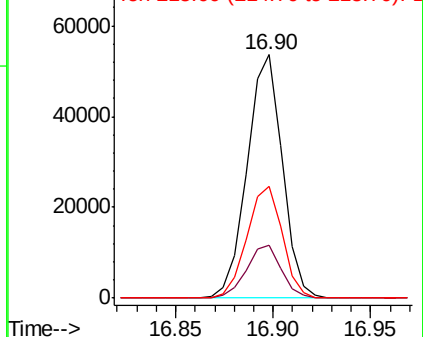


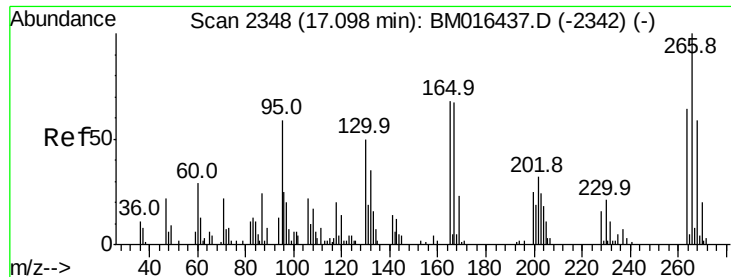
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





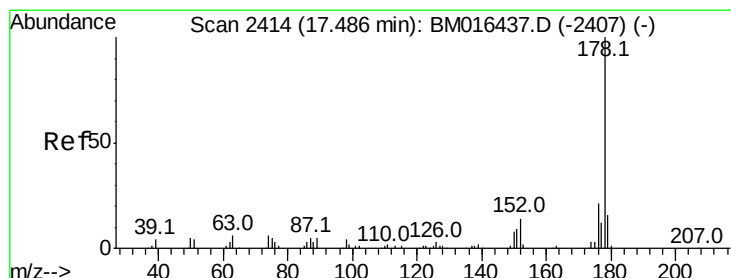
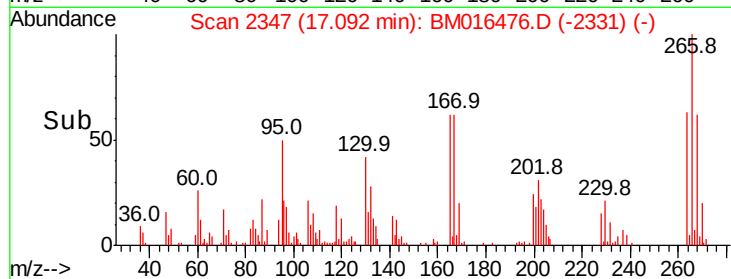
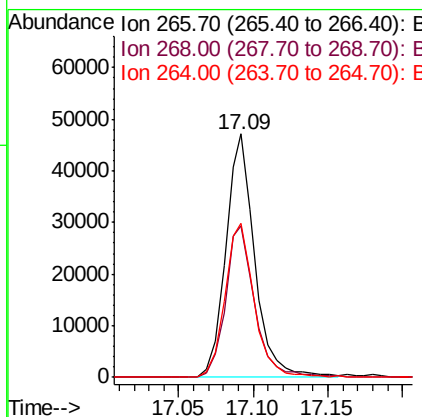
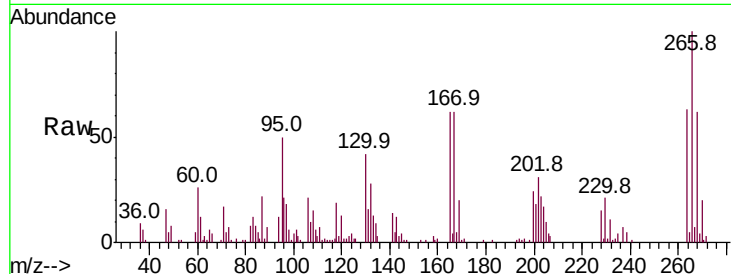
#69
 Pentachlorophenol
 Concen: 87.261 ng
 RT: 17.09 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	64081		
268	62.4	52.0	78.0	
264	63.2	49.0	73.4	

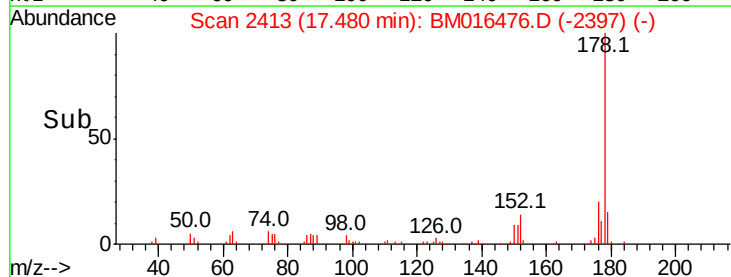
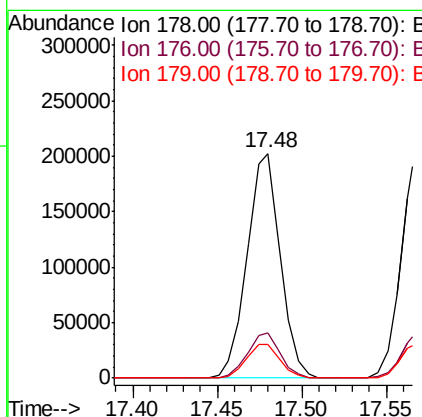
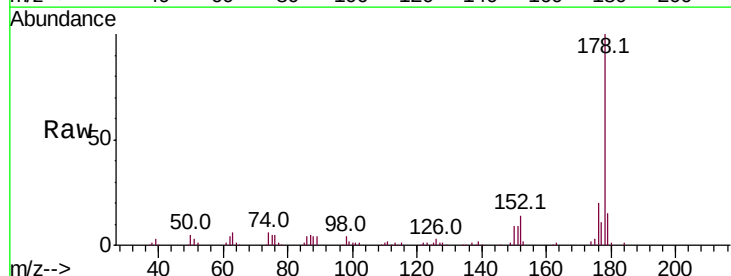
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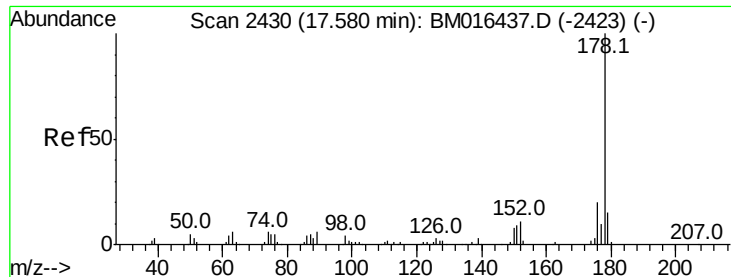
Sohil
 8/20/2018 4:17:11 PM



#70
 Phenanthrene
 Concen: 50.268 ng
 RT: 17.48 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	276741		
176	20.3	15.2	22.8	
179	15.0	12.1	18.1	





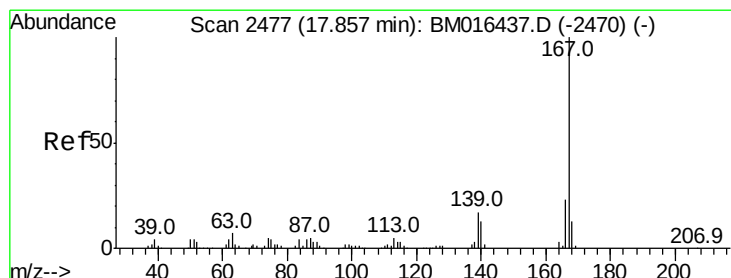
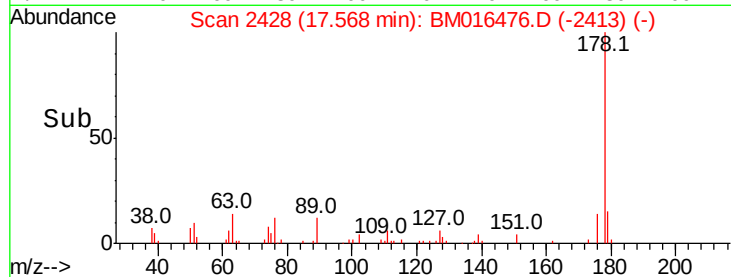
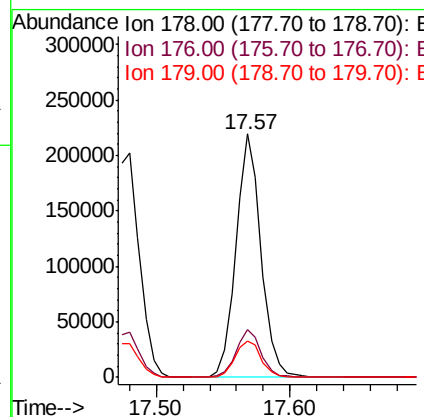
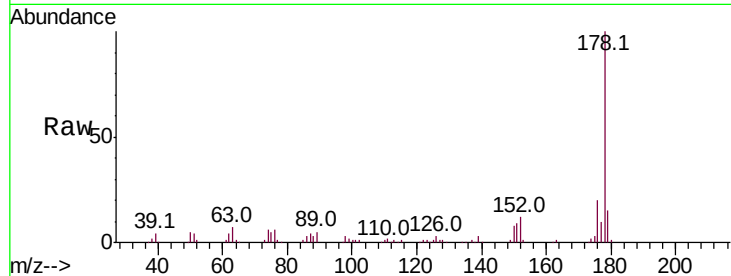
#71
 Anthracene
 Concen: 52.503 ng
 RT: 17.57 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	286942		
176	19.8		14.6	22.0
179	15.0		12.6	19.0

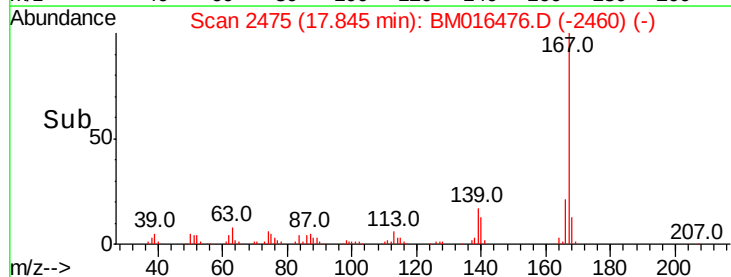
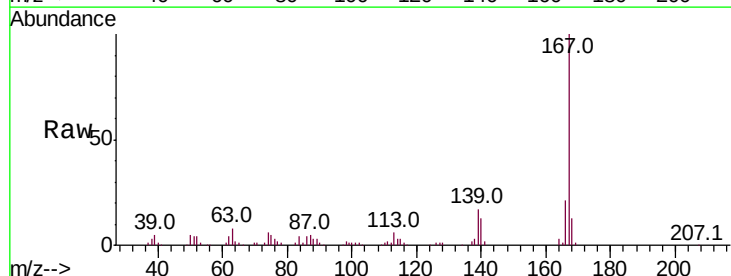
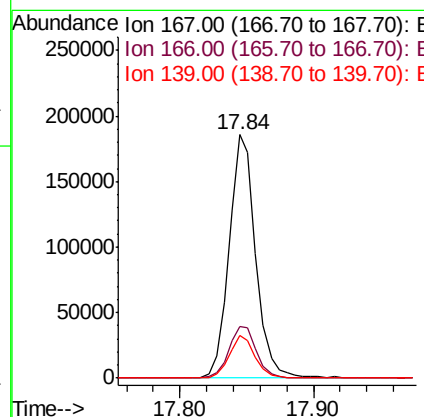
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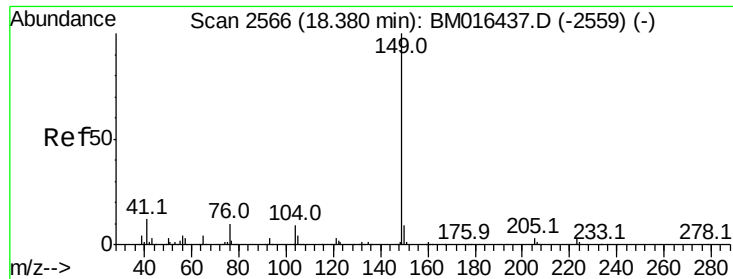
Sohil
 8/20/2018 4:17:11 PM



#72
 Carbazole
 Concen: 48.894 ng
 RT: 17.84 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	258636		
166	21.4		17.2	25.8
139	17.4		10.8	16.2#





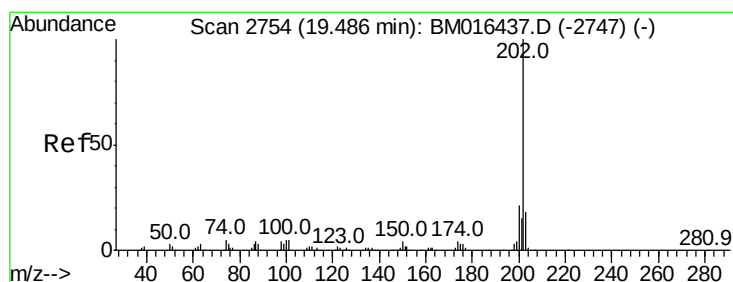
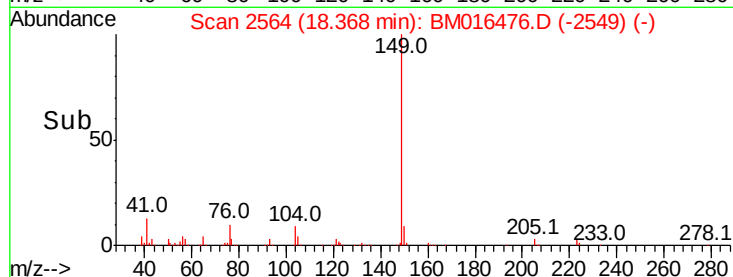
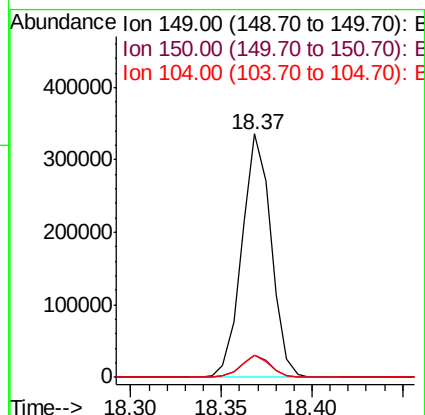
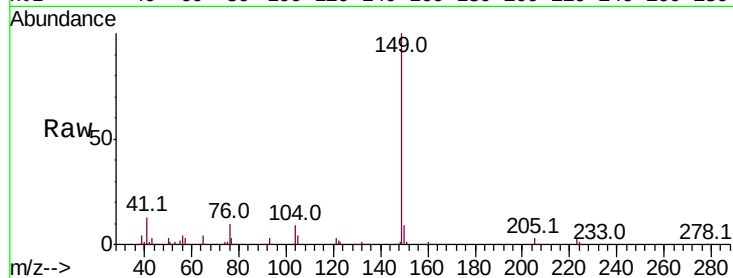
#73
Di-n-butylphthalate
Concen: 49.345 ng
RT: 18.37 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	7.5	11.3
104	9.2	3.7	5.5

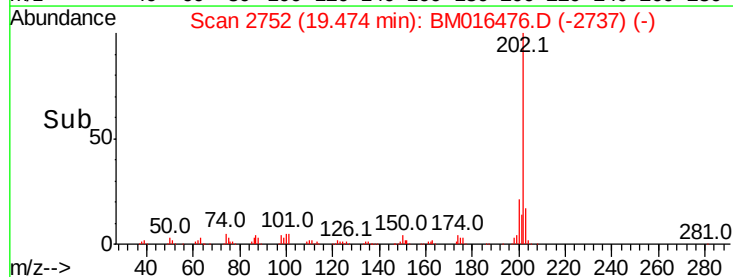
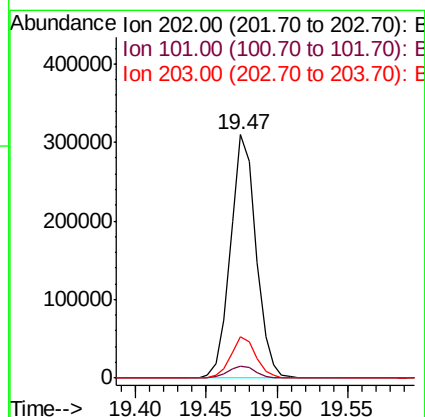
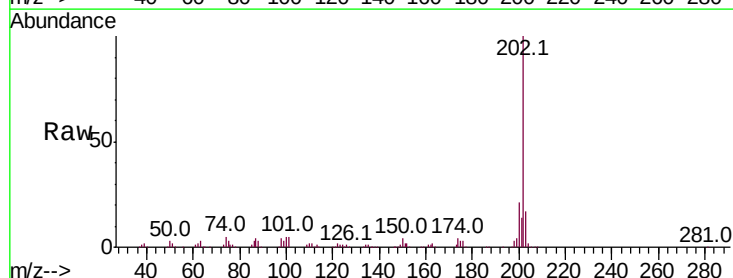
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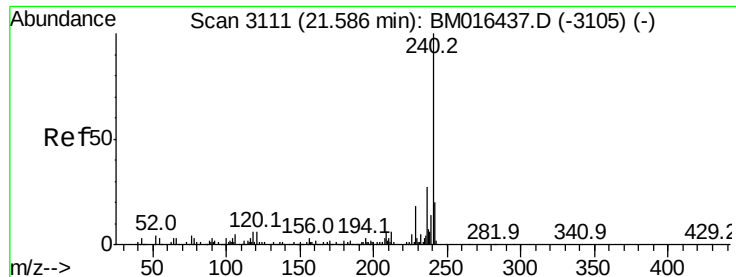
Sohil
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#74
Fluoranthene
Concen: 58.601 ng
RT: 19.47 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	5.1	0.0	28.7
203	17.2	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Instrument :

BNA_M

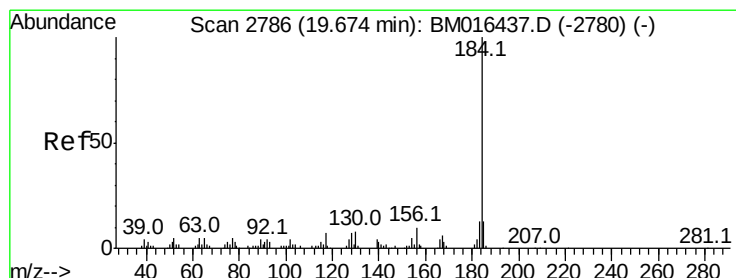
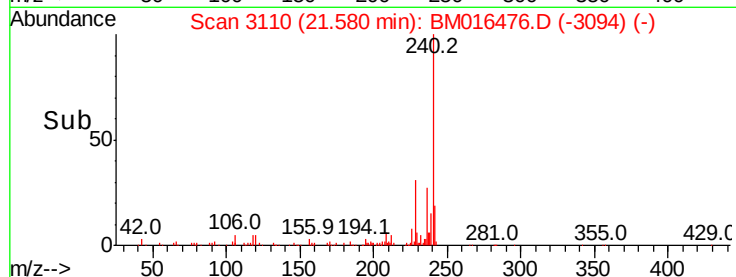
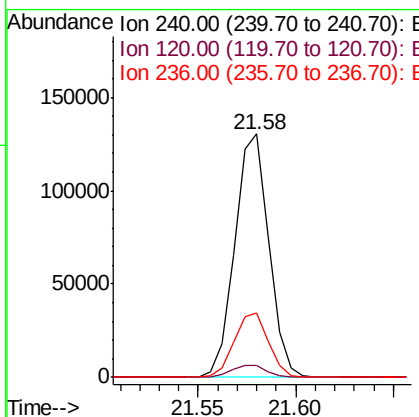
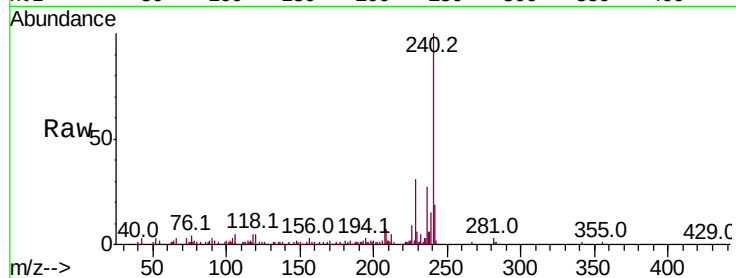
ClientSampleId :

PB112126BS

Tot Ion:	240	Resp:	157575
Ion Ratio	Lower	Upper	
240	100		
120	4.9	8.2	12.2#
236	26.7	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 63.630 ng

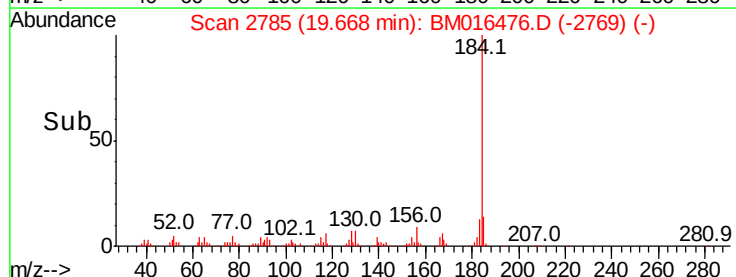
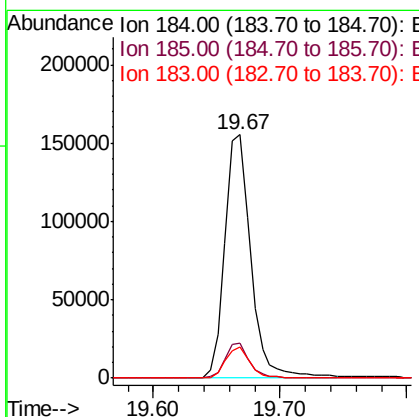
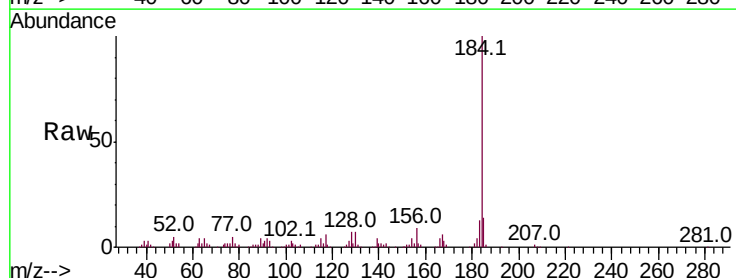
RT: 19.67 min Scan# 2785

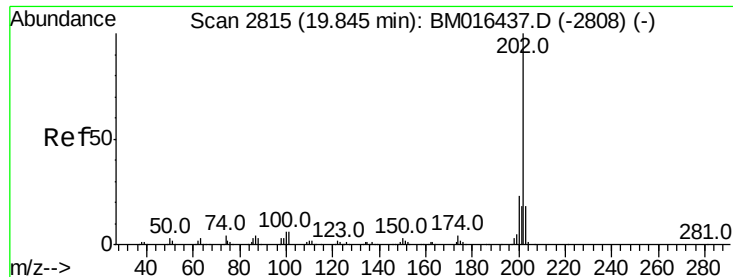
Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Tgt Ion:	184	Resp:	220674
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.3	16.9
183	13.0	8.9	13.3





#77

Pvrene

Concen: 38.964 ng

RT: 19.84 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Instrument :

BNA_M

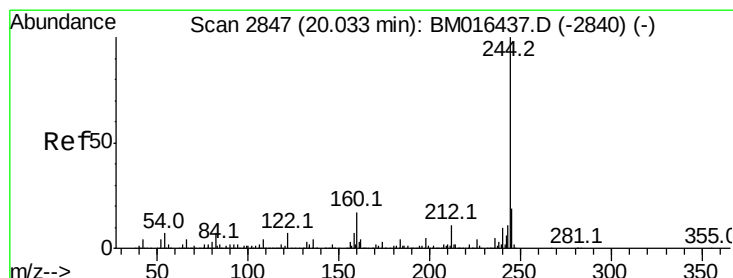
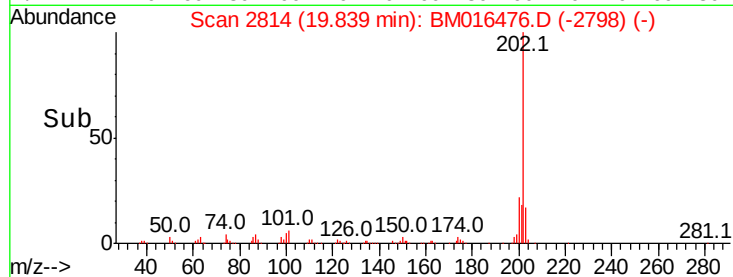
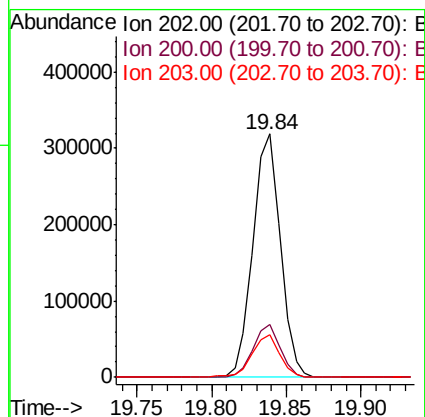
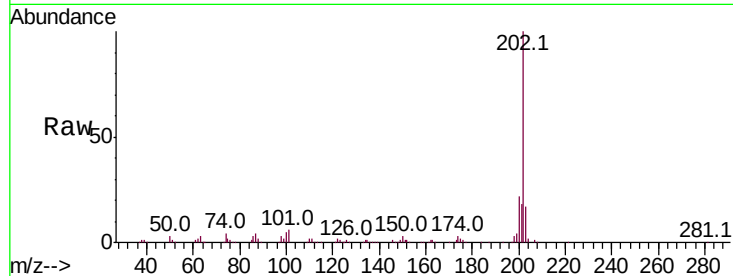
ClientSampleId :

PB112126BS

Tot Ion:	202	Resp:	405164
Ion Ratio		Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.5	14.1	21.1

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#78

Terphenyl-d14

Concen: 38.964 ng

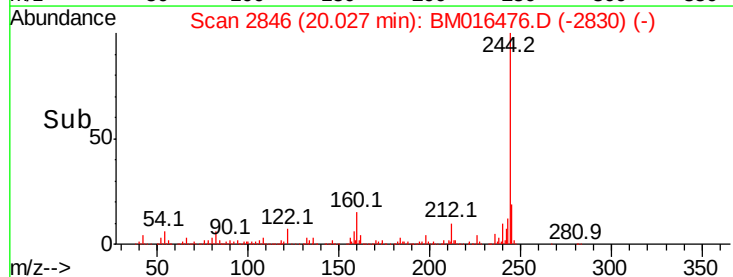
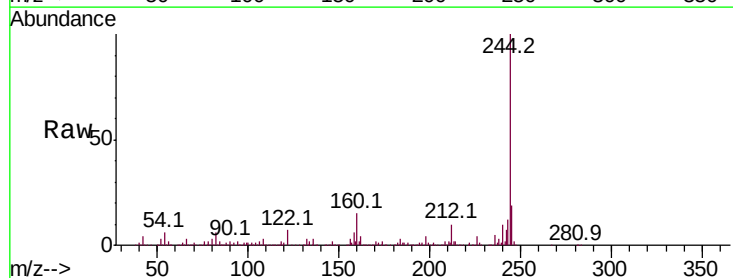
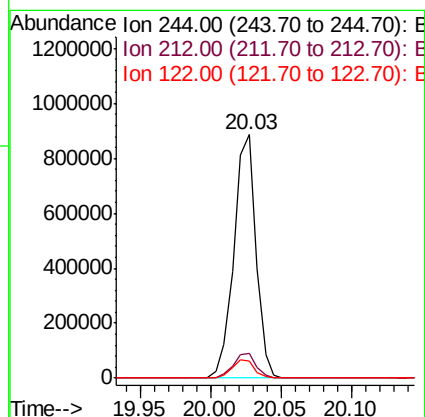
RT: 20.03 min Scan# 2846

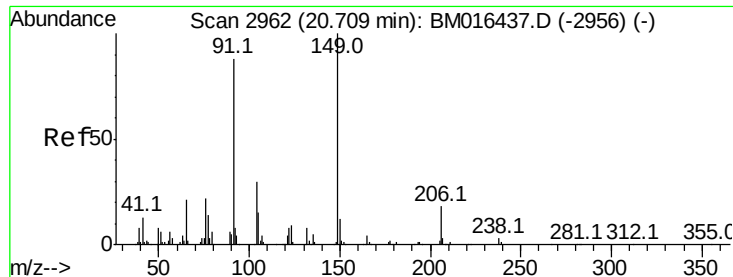
Delta R.T. -0.00 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Tgt Ion:	244	Resp:	964905
Ion Ratio		Lower	Upper
244	100		
212	10.3	4.9	7.3#
122	7.0	6.2	9.4





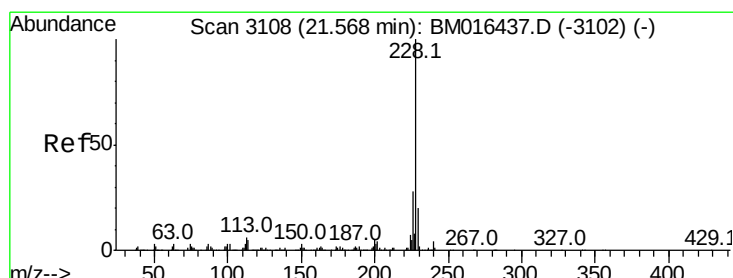
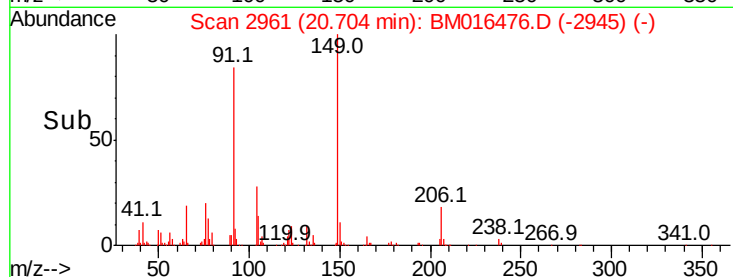
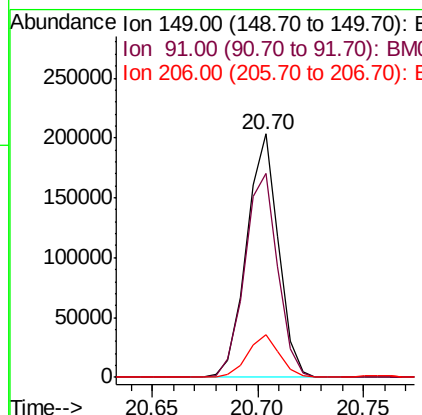
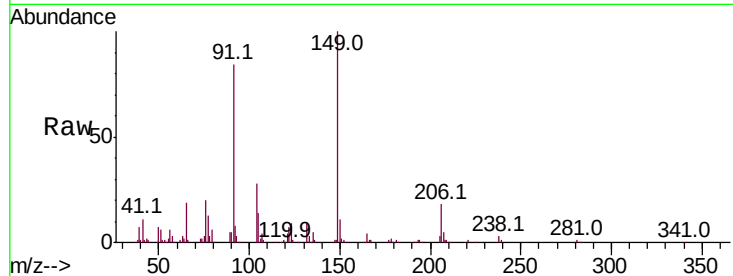
#79
Butylbenzylphthalate
Concen: 43.554 ng
RT: 20.70 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampled :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	212261		
91	83.5	50.1	75.1#	
206	17.6	16.2	24.2	

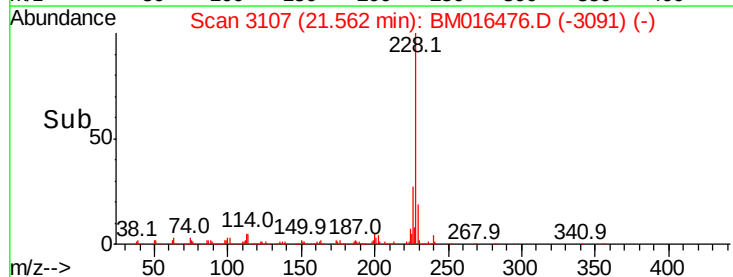
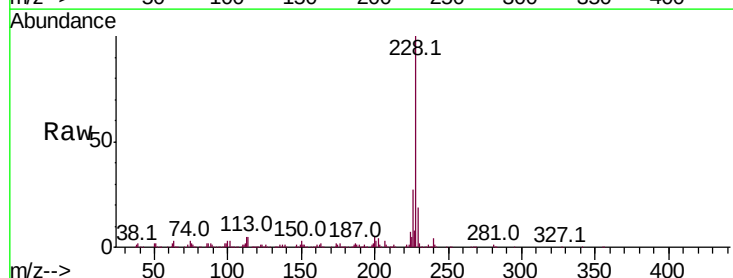
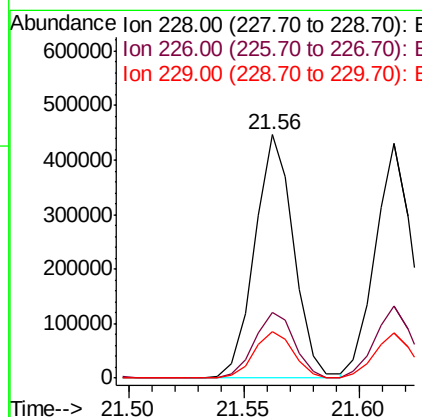
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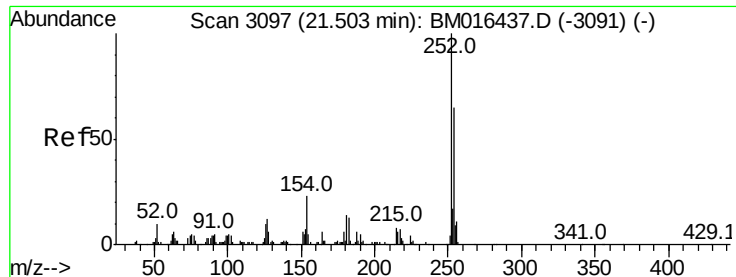
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#80
Benzo(a)anthracene
Concen: 51.309 ng
RT: 21.56 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	523098		
226	27.1	21.7	32.5	
229	19.2	16.0	24.0	





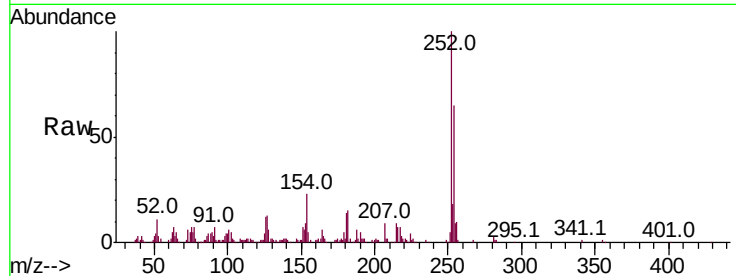
#81
 3,3'-Dichlorobenzidine
 Concen: 35.611 ng
 RT: 21.49 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampled :
 PB112126BS

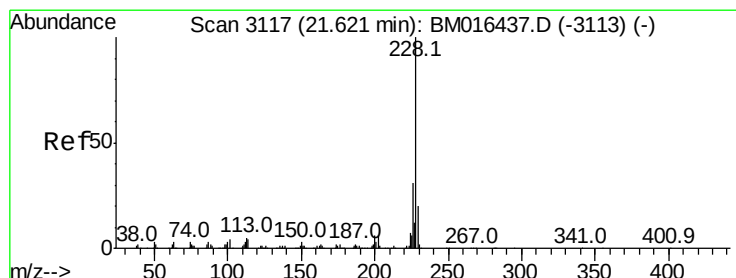
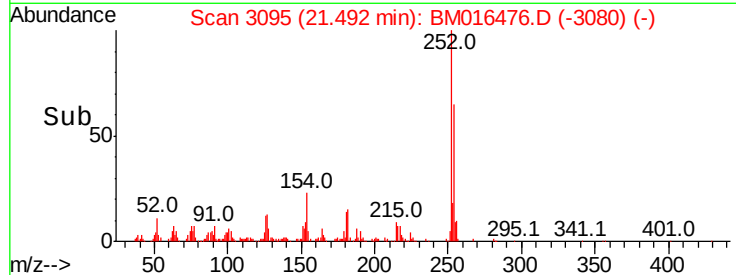
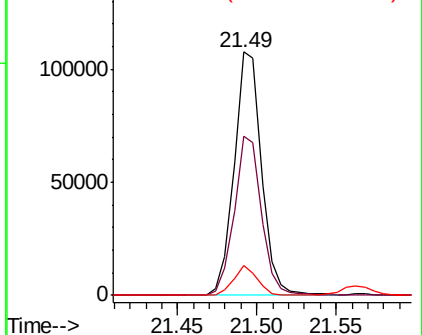
Tot Ion	Ratio	Resp	Lower	Upper
252	100	129250		
254	65.4	51.9	77.9	
126	12.1	9.8	14.8	

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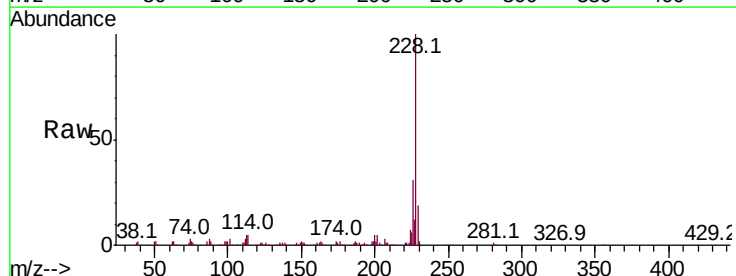


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

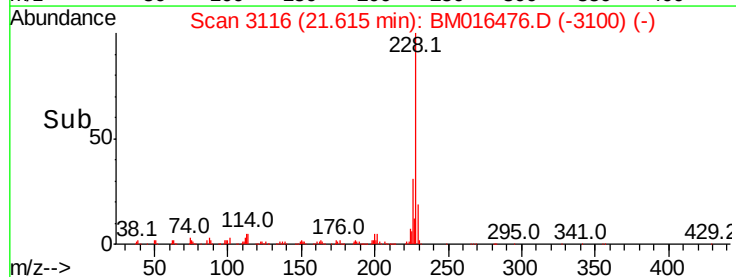
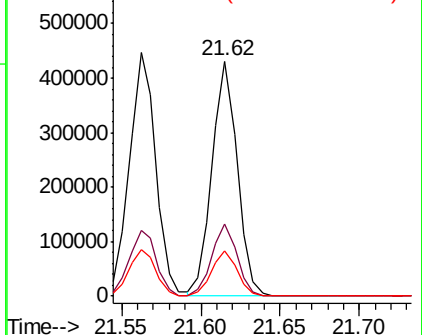


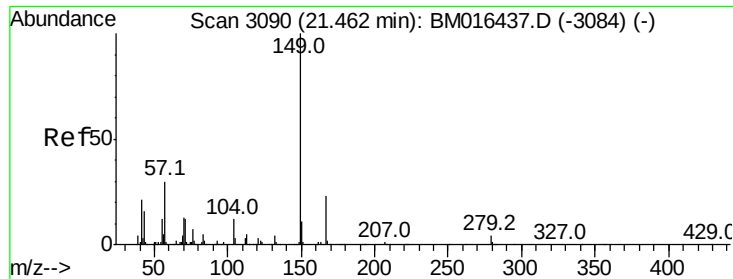
#82
 Chrysene
 Concen: 50.158 ng
 RT: 21.62 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	480565		
226	30.7	24.1	36.1	
229	19.0	15.5	23.3	



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.349 ng

RT: 21.45 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Instrument :

BNA_M

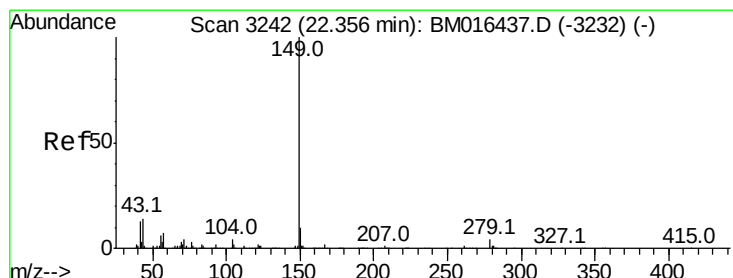
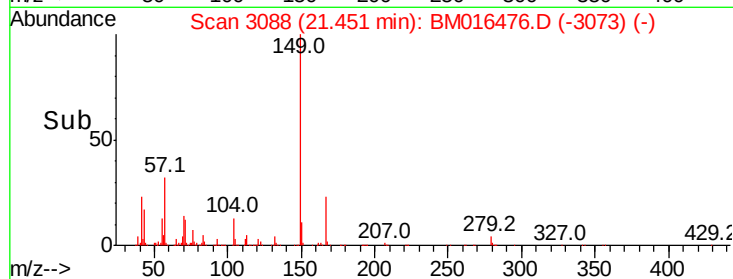
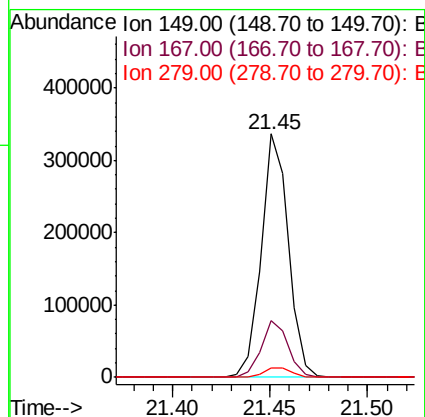
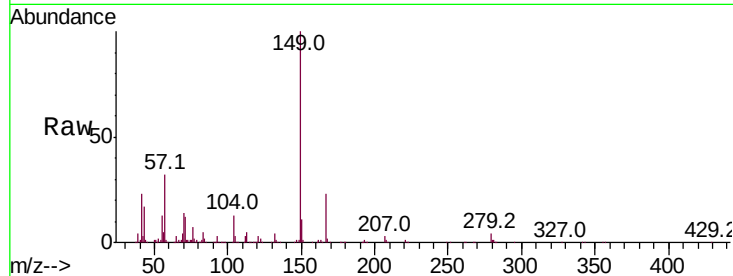
ClientSampleId :

PB112126BS

Tot Ion:	149	Resp:	322224
Ion Ratio	Lower	Upper	
149	100		
167	23.1	22.4	33.6
279	3.9	3.4	5.0

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#84

Di-n-octyl phthalate

Concen: 55.841 ng

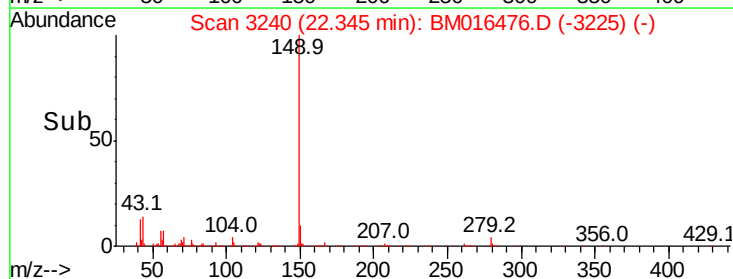
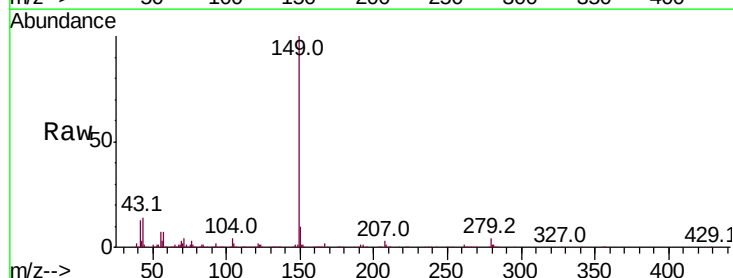
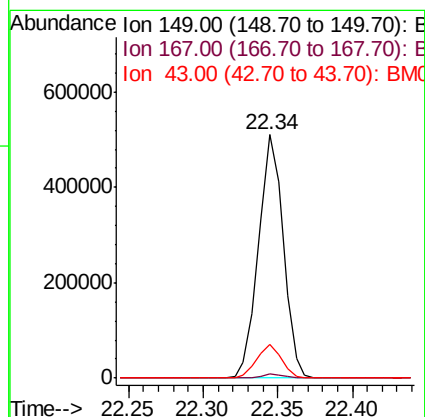
RT: 22.34 min Scan# 3240

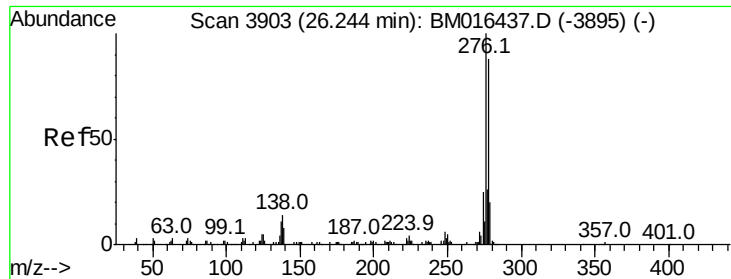
Delta R.T. -0.01 min

Lab File: BM016476.D

Acq: 18 Aug 2018 16:31

Tgt Ion:	149	Resp:	582288
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	14.1	7.3	10.9#





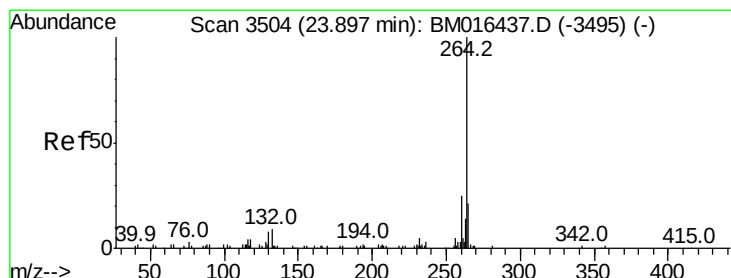
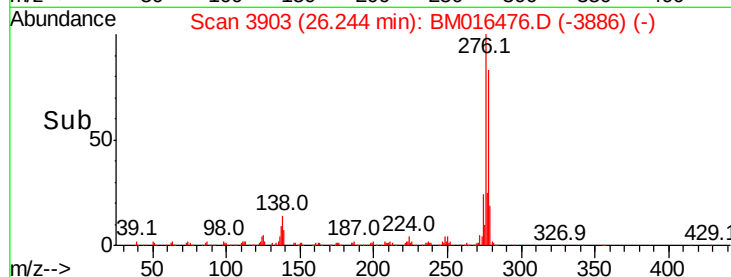
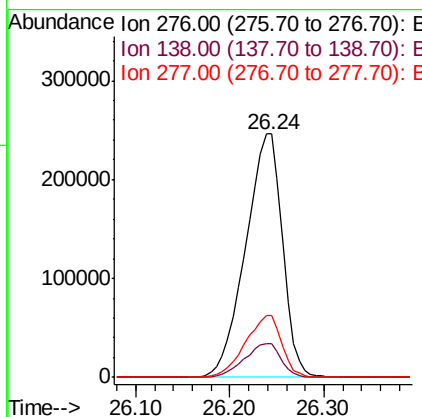
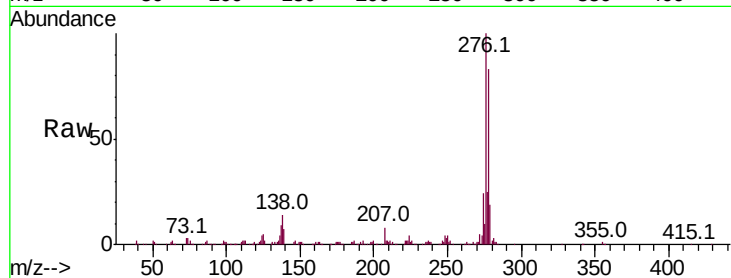
#85
Indeno(1,2,3-cd)pyrene
Concen: 85.339 ng
RT: 26.24 min Scan# 3903
Delta R.T. 0.00 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.0	18.0
277	25.1	20.0	30.0

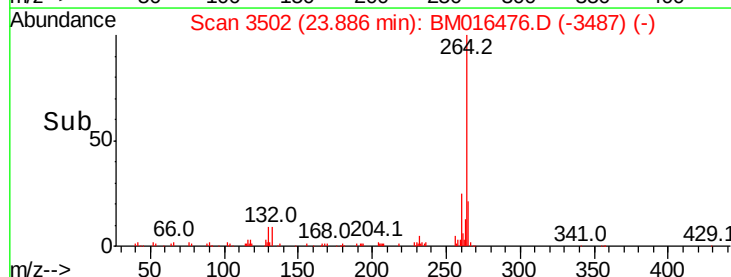
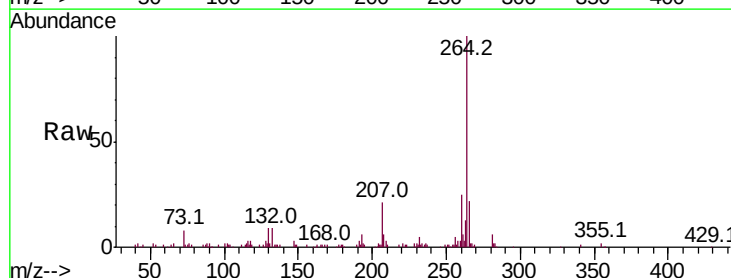
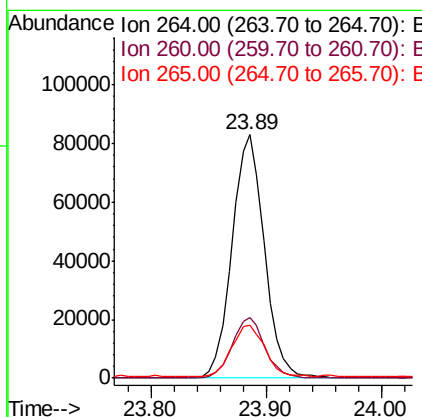
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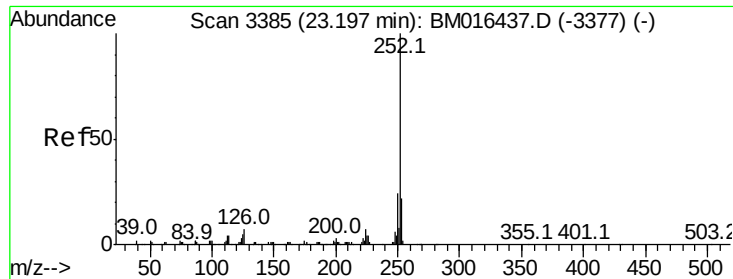
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.9	17.3	25.9





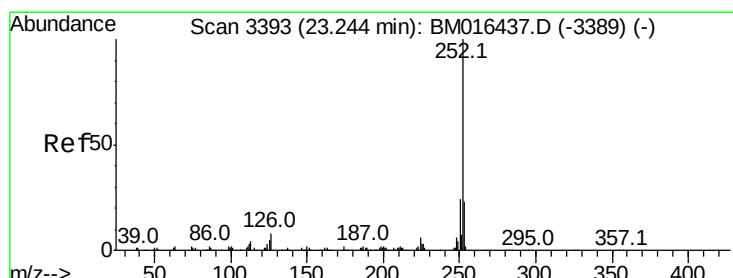
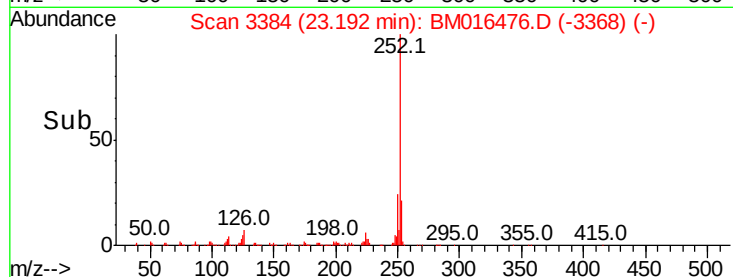
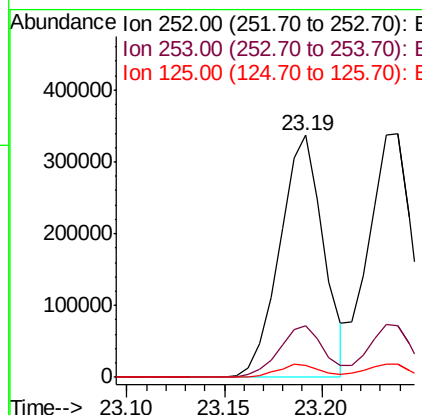
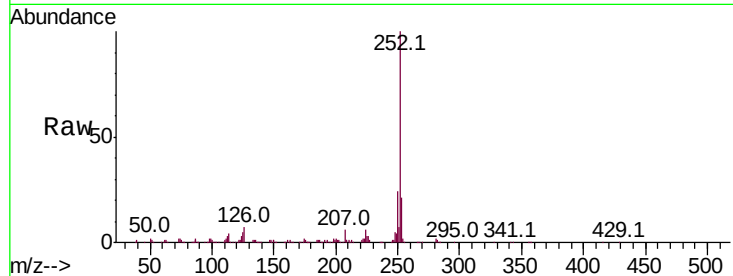
#87
Benzo(b)fluoranthene
Concen: 49.169 ng
RT: 23.19 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.3	18.0	27.0
125	5.0	9.9	14.9#

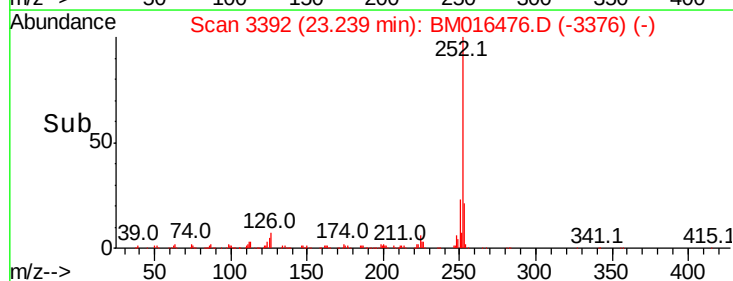
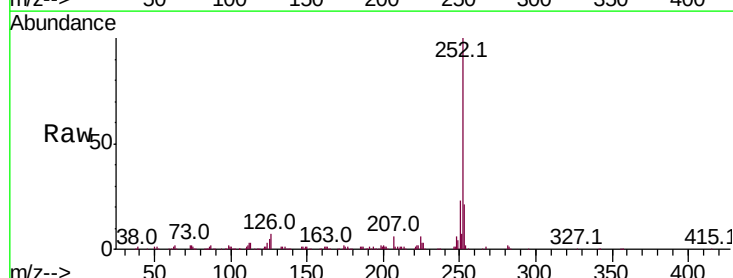
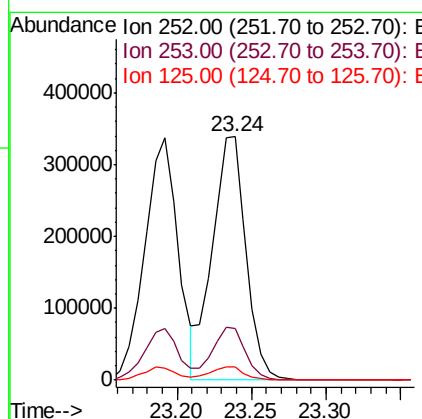
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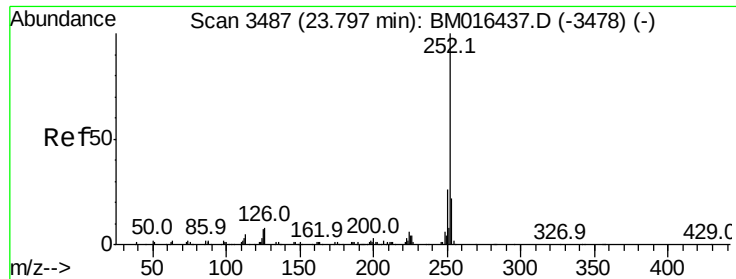
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#88
Benzo(k)fluoranthene
Concen: 50.153 ng
RT: 23.24 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	17.2	25.8
125	5.4	8.1	12.1#





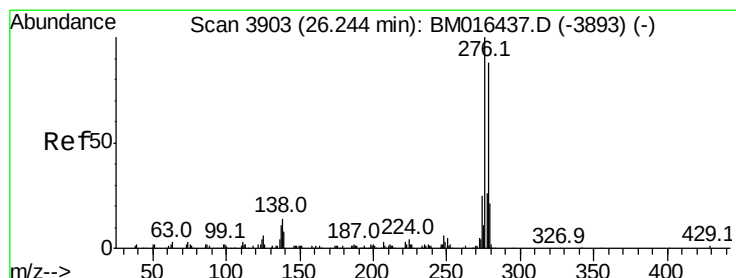
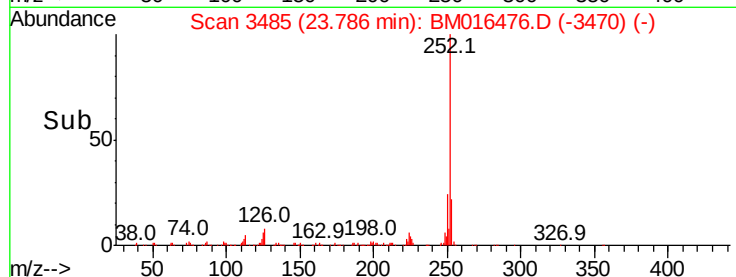
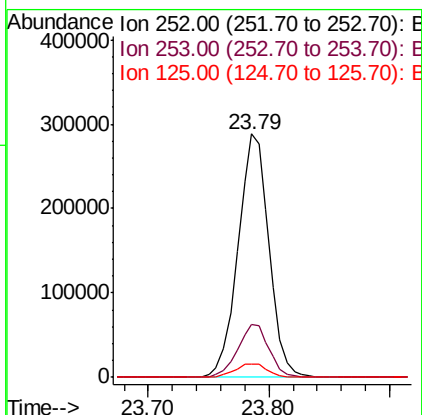
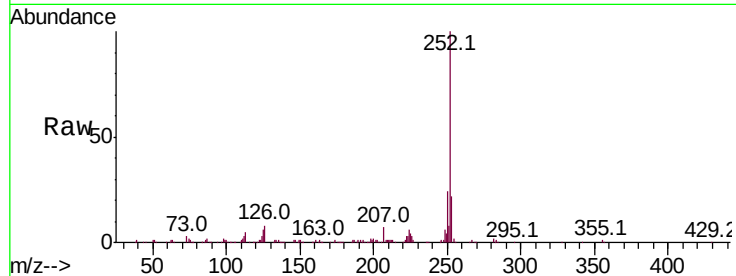
#89
Benzo(a)pyrene
Concen: 53.417 ng
RT: 23.79 min Scan# 3485
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	5.6	7.4	11.2

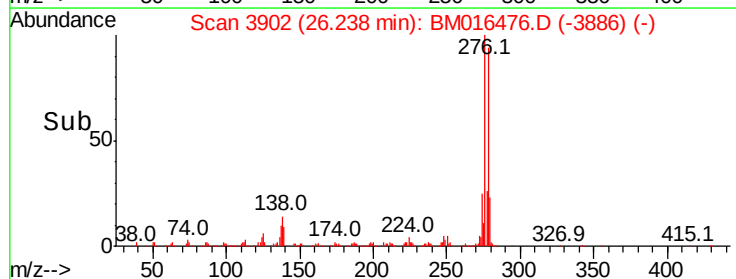
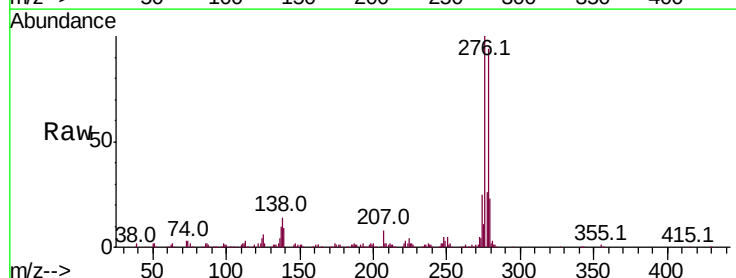
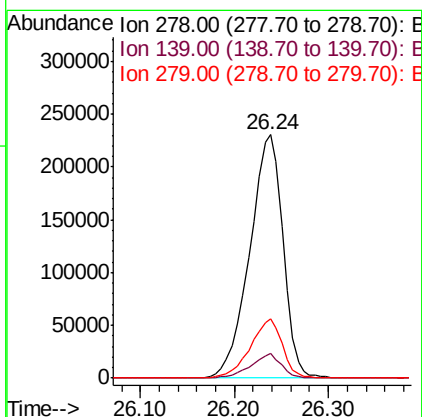
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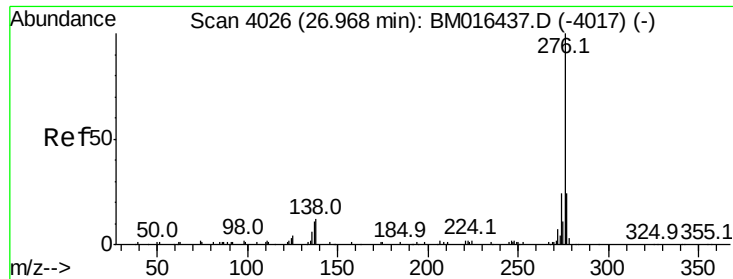
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#90
Dibenzo(a,h)anthracene
Concen: 65.519 ng
RT: 26.24 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM016476.D
Acq: 18 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.1	13.4	20.0
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 63.353 ng
 RT: 26.96 min Scan# 4024
 Delta R.T. -0.01 min
 Lab File: BM016476.D
 Acq: 18 Aug 2018 16:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	11.6	19.0	28.6

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