

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
 Data File : BM016637.D
 Acq On : 31 Aug 2018 14:50
 Operator : SJ/JU
 Sample : PB112520BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Manual Integrations
 APPROVED

Sohil
 9/4/2018 4:39:11 PM

Quant Time: Aug 31 17:23:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	98425	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	427829	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	313566	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	996062	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1404372	20.00	ng	0.00
86) Perylene-d12	23.81	264	1242104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	604928	120.44	ng	0.00
7) Phenol-d6	7.18	99	744619	112.03	ng	0.00
23) Nitrobenzene-d5	9.19	82	668907	71.39	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	996516	113.69	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2412883	73.97	ng	0.00
78) Terphenyl-d14	19.97	244	5497557	82.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	104137	37.529	ng	# 100
3) Pyridine	3.80	79	182312	31.579	ng	# 83
4) n-Nitrosodimethylamine	3.72	42	125586	48.828	ng	# 59
6) Aniline	7.33	93	265868	35.747	ng	# 88
8) 2-Chlorophenol	7.56	128	269965	45.170	ng	# 96
9) Benzaldehyde	7.15	77	164912	35.752	ng	# 77
10) Phenol	7.21	94	287874	43.796	ng	# 93
11) bis(2-Chloroethyl)ether	7.43	93	194595	39.480	ng	# 92
12) 1,3-Dichlorobenzene	7.88	146	296571	37.427	ng	# 84
13) 1,4-Dichlorobenzene	8.03	146	307388	37.800	ng	# 97
14) 1,2-Dichlorobenzene	8.35	146	307985	38.550	ng	# 92
15) Benzyl Alcohol	8.26	79	233053	37.758	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.53	45	131292	38.684	ng	# 47
17) 2-Methylphenol	8.46	107	209636	44.043	ng	# 70
18) Hexachloroethane	9.06	117	177272	47.319	ng	# 46
19) n-Nitroso-di-n-propylamine	8.82	70	214521	41.167	ng	# 82
20) 3+4-Methylphenols	8.80	107	267428	40.635	ng	# 80
22) Acetophenone	8.85	105	414232	40.208	ng	# 96
24) Nitrobenzene	9.23	77	369140	39.429	ng	# 92
25) Isophorone	9.75	82	578617	46.204	ng	# 94
26) 2-Nitrophenol	9.94	139	154150	38.514	ng	# 52
27) 2,4-Dimethylphenol	9.99	122	236659	45.373	ng	# 76
28) bis(2-Chloroethoxy)methane	10.22	93	291563	39.002	ng	# 94
29) 2,4-Dichlorophenol	10.47	162	339289	43.463	ng	# 94
30) 1,2,4-Trichlorobenzene	10.66	180	512357	43.254	ng	# 95
31) Naphthalene	10.85	128	820345	40.245	ng	# 98
32) Benzoic acid	10.22	122	137967	31.614	ng	# 59
33) 4-Chloroaniline	10.99	127	199388	23.243	ng	# 83
34) Hexachlorobutadiene	11.10	225	569894	50.408	ng	# 99
35) Caprolactam	11.83	113	66246m	35.366	ng	# 85
36) 4-Chloro-3-methylphenol	12.12	107	293871	39.158	ng	# 84
37) 2-Methylnaphthalene	12.46	142	705068	44.185	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	850081	48.002	ng	# 100
40) Hexachlorocyclopentadiene	12.78	237	1054010	112.930	ng	# 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	490731	46.339	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	476232	46.037	nq #	96
45) 1,1'-Biphenyl	13.47	154	990728	36.033	nq	98
46) 2-Chloronaphthalene	13.52	162	828168	37.075	nq	97
47) 2-Nitroaniline	13.76	65	207916	34.945	nq #	76
48) Acenaphthylene	14.37	152	1230408	39.022	nq	99
49) Dimethylphthalate	14.10	163	1163205	38.612	nq #	97
50) 2,6-Dinitrotoluene	14.25	165	225378	38.356	nq #	70
51) Acenaphthene	14.70	154	705112	36.399	nq	94
52) 3-Nitroaniline	14.59	138	127526	23.852	nq #	80
53) 2,4-Dinitrophenol	14.82	184	242290	82.397	nq #	73
54) Dibenzofuran	15.05	168	1463031	39.453	nq	92
55) 4-Nitrophenol	14.91	139	204467	59.960	nq #	76
56) 2,4-Dinitrotoluene	15.05	165	354511	36.181	nq #	90
57) Fluorene	15.69	166	1160732	41.435	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	481345	48.413	nq #	100
59) Diethylphthalate	15.46	149	1141995	36.357	nq	94
60) 4-Chlorophenyl-phenylether	15.67	204	1047589	44.592	nq #	84
61) 4-Nitroaniline	15.76	138	148574	28.434	nq #	1
62) Azobenzene	15.97	77	1397835	41.781	nq	90
64) 4,6-Dinitro-2-methylphenol	15.82	198	249265	32.935	nq #	58
65) n-Nitrosodiphenylamine	15.90	169	993529	35.456	nq	97
66) 4-Bromophenyl-phenylether	16.57	248	661574	43.226	nq	97
67) Hexachlorobenzene	16.69	284	730677	40.938	nq	97
68) Atrazine	16.85	200	608202	47.560	nq	92
69) Pentachlorophenol	17.04	266	646878	68.499	nq	97
70) Phenanthrene	17.43	178	1971036	38.286	nq	99
71) Anthracene	17.52	178	2002569	39.173	nq	100
72) Carbazole	17.80	167	1361265	29.630	nq	99
73) Di-n-butylphthalate	18.32	149	1883812	33.634	nq #	96
74) Fluoranthene	19.43	202	2944898	39.013	nq	94
76) Benzidine	19.62	184	936363	34.670	nq	98
77) Pyrene	19.79	202	2989704	39.172	nq	99
79) Butylbenzylphthalate	20.65	149	877364	33.303	nq #	68
80) Benzo(a)anthracene	21.52	228	3192356	38.665	nq	99
81) 3,3'-Dichlorobenzidine	21.44	252	856262	23.298	nq #	96
82) Chrysene	21.56	228	2860949	36.317	nq	98
83) Bis(2-ethylhexyl)phthalate	21.40	149	1269945	32.426	nq #	97
84) Di-n-octyl phthalate	22.29	149	2011349	30.904	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.11	276	3473686	30.662	nq #	91
87) Benzo(b)fluoranthene	23.12	252	3073722	42.928	nq #	90
88) Benzo(k)fluoranthene	23.16	252	3007468	41.281	nq #	92
89) Benzo(a)pyrene	23.71	252	2887709	41.449	nq #	94
90) Dibenzo(a,h)anthracene	26.11	278	2924605	37.457	nq #	87
91) Benzo(g,h,i)perylene	26.83	276	2681674	38.262	nq #	81

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

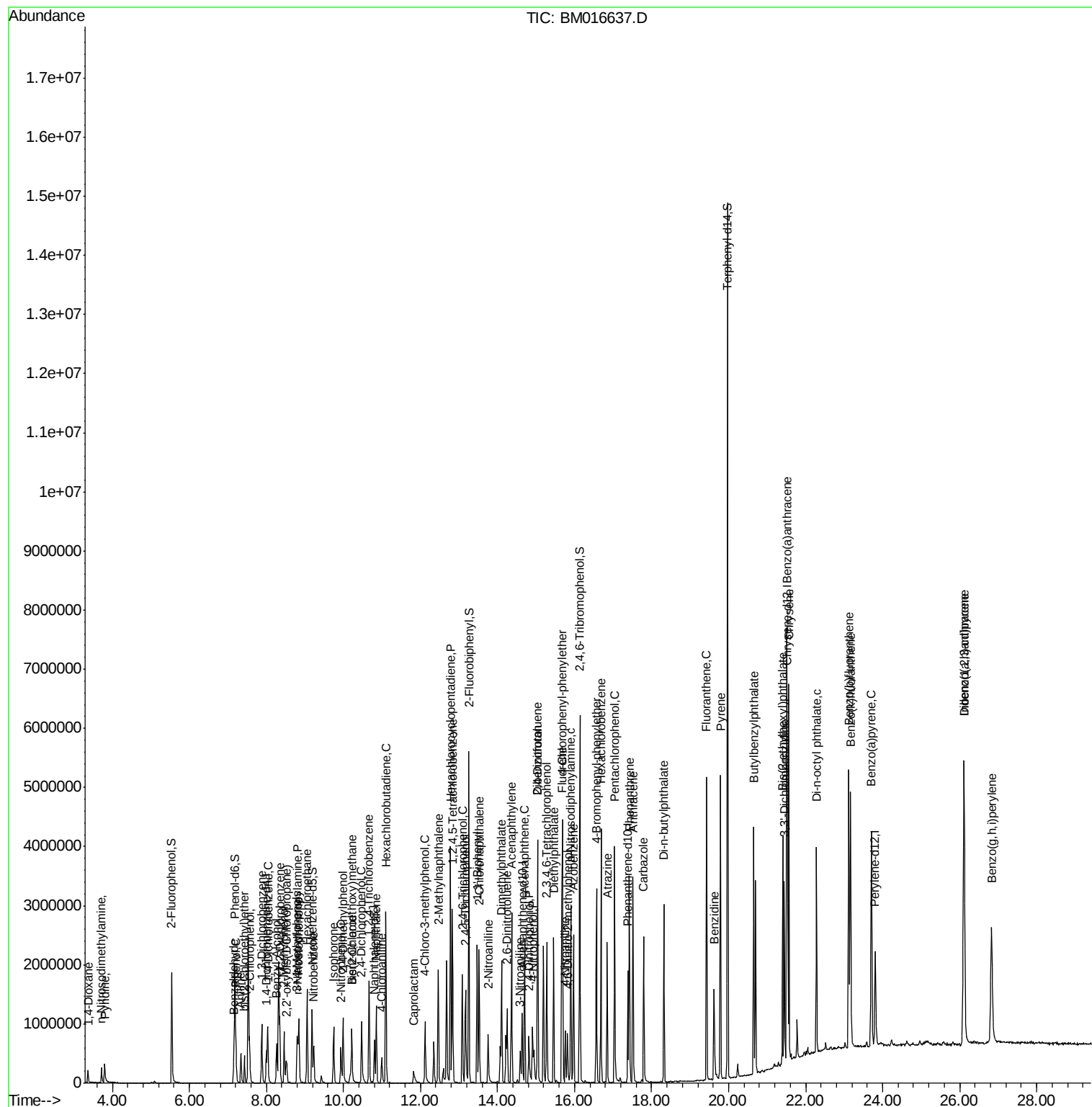
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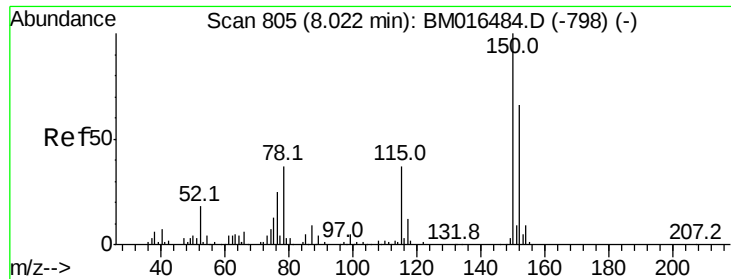
Instrument :
BNA_M
ClientSampleId :
PB112520BS

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#1

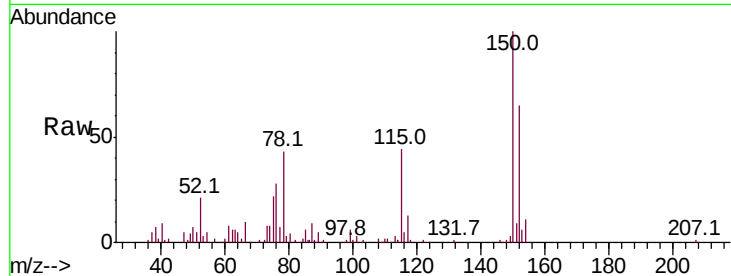
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampled :
PB112520BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.5	179.3
115	67.2	43.0	64.4

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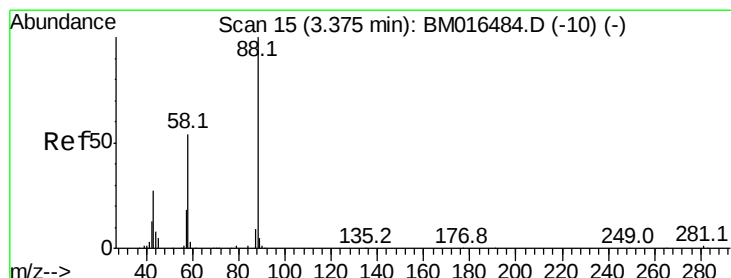
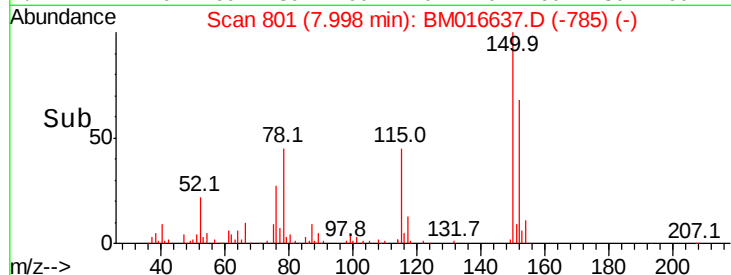
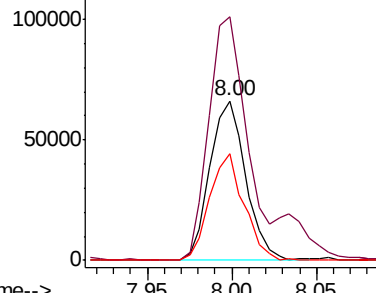


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

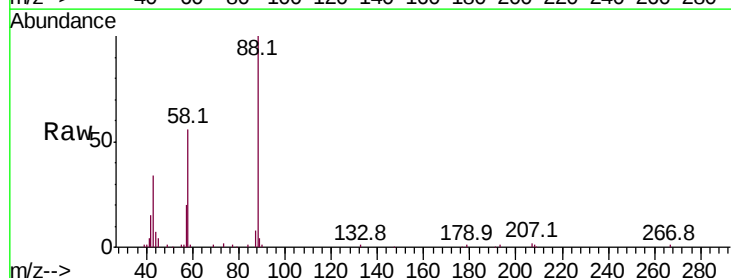
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.529 ng
RT: 3.37 min Scan# 14
Delta R.T. 0.00 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.7	0.0	0.0
43	36.7	0.0	0.0

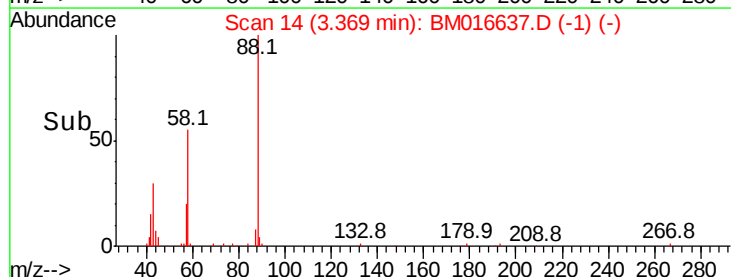
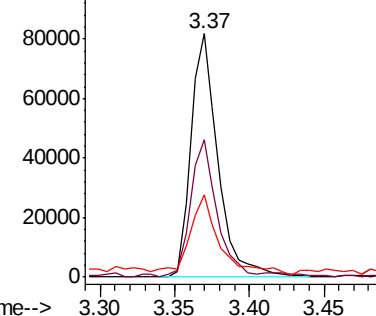


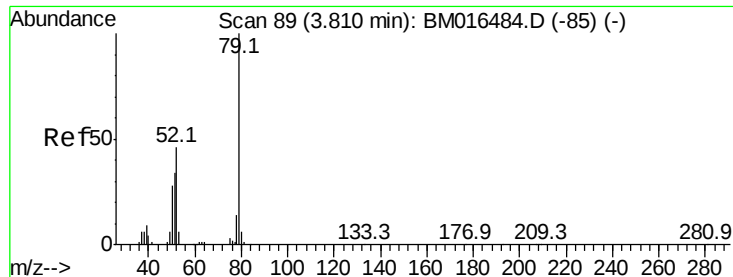
Abundance

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: 31.579 ng

RT: 3.80 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

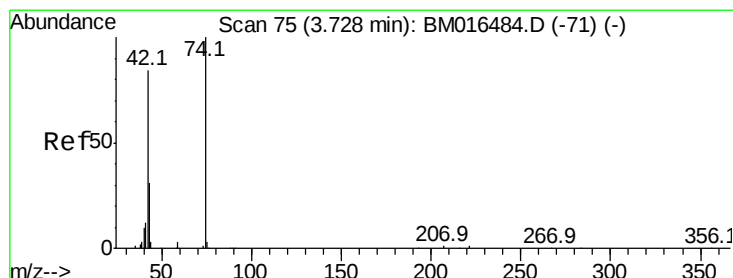
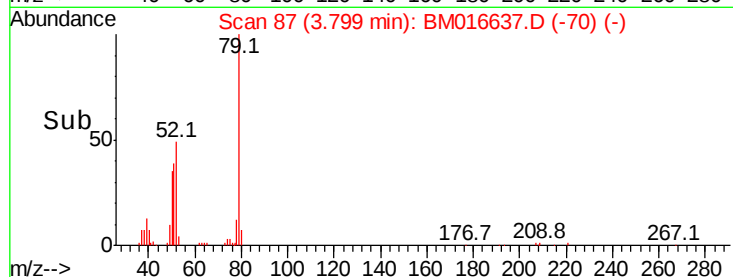
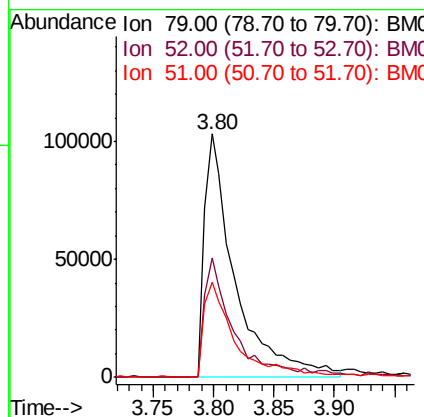
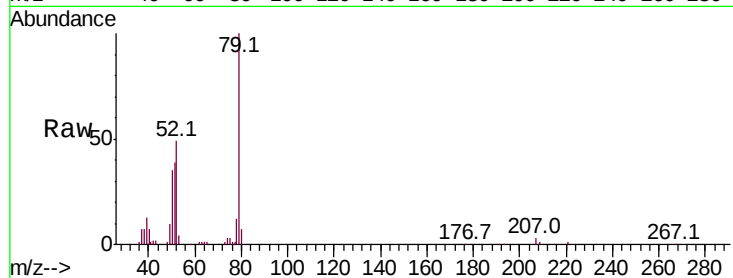
ClientSampleId :

PB112520BS

Tot Ion:	79	Resp:	182312
Ion Ratio	Lower	Upper	
79	100		
52	49.1	51.1	76.7#
51	39.3	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 48.828 ng

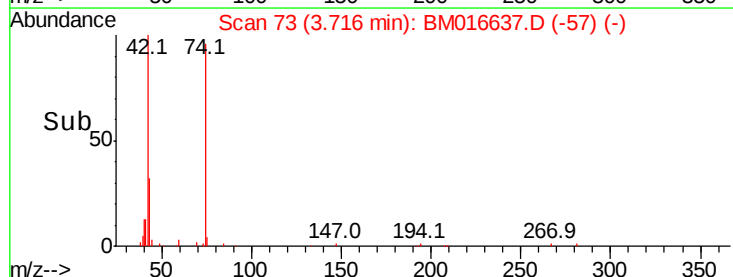
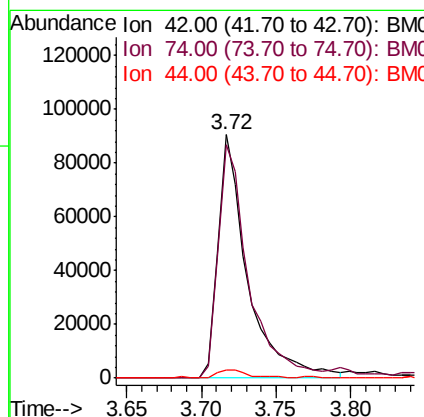
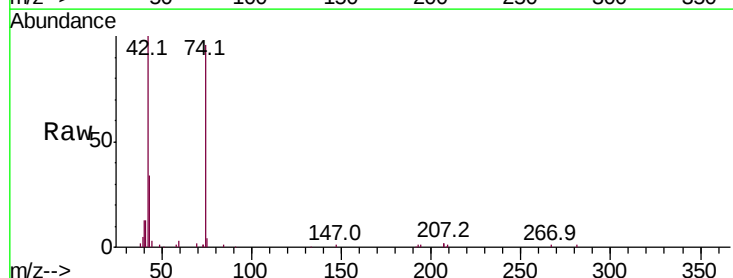
RT: 3.72 min Scan# 73

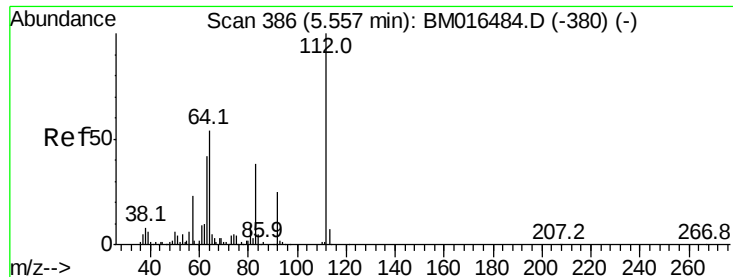
Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	42	Resp:	125586
Ion Ratio	Lower	Upper	
42	100		
74	95.9	119.3	178.9#
44	3.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 120.438 ng

RT: 5.54 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

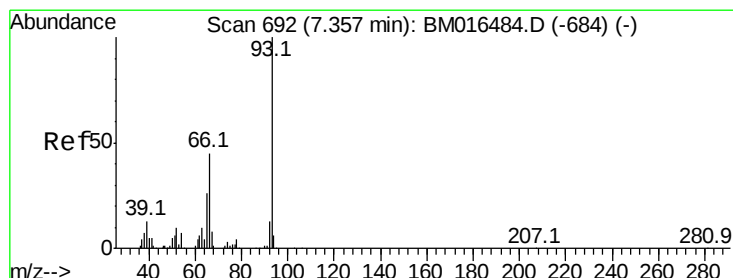
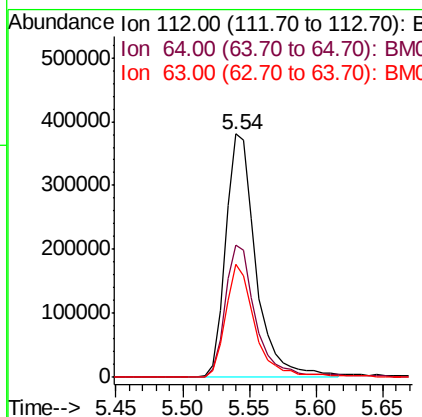
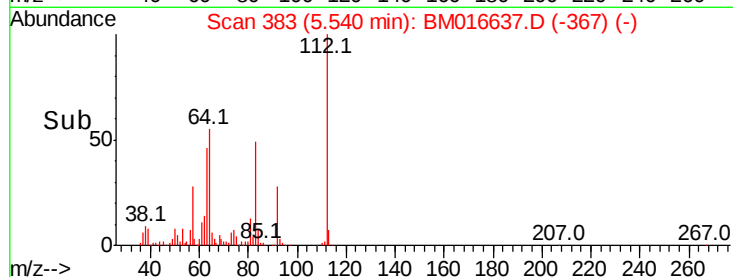
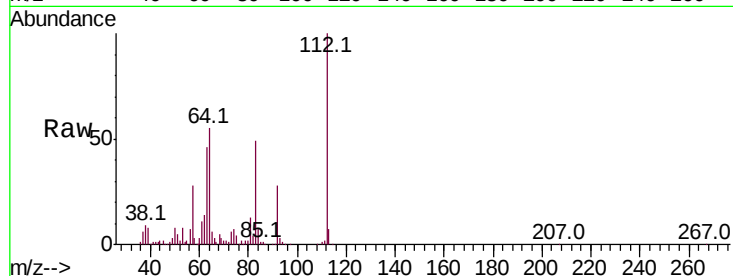
ClientSampleId :

PB112520BS

Tot Ion:	112	Resp:	604928
Ion Ratio	Lower	Upper	
112	100		
64	54.5	38.6	57.8
63	46.4	19.3	28.9#

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#6

Aniline

Concen: 35.747 ng

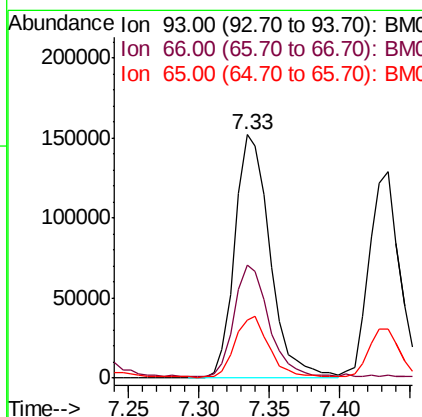
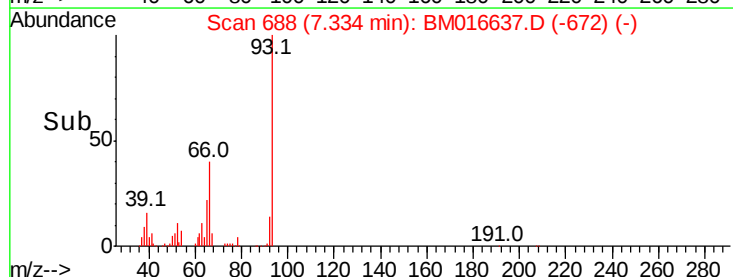
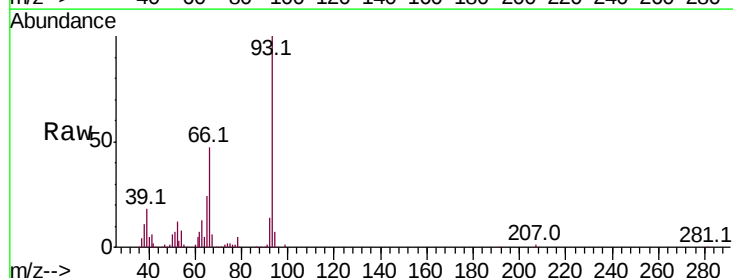
RT: 7.33 min Scan# 688

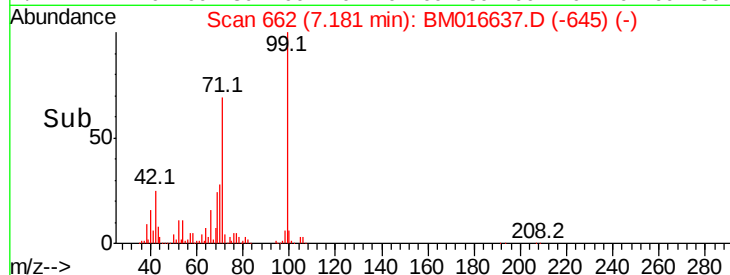
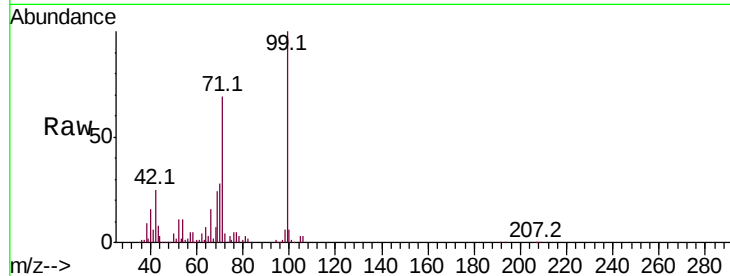
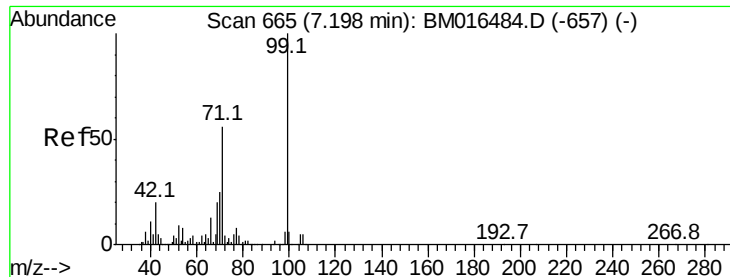
Delta R.T. -0.01 min

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Tgt Ion:	93	Resp:	265868
Ion Ratio	Lower	Upper	
93	100		
66	46.7	30.8	46.2#
65	24.1	16.0	24.0#





#7

Phenol-d6

Concen: 112.032 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tot Ion	99	Resp	744619
Ion Ratio	Lower	Upper	
99	100		
42	24.6	11.0	16.4#
71	69.5	23.4	35.2#

Instrument :

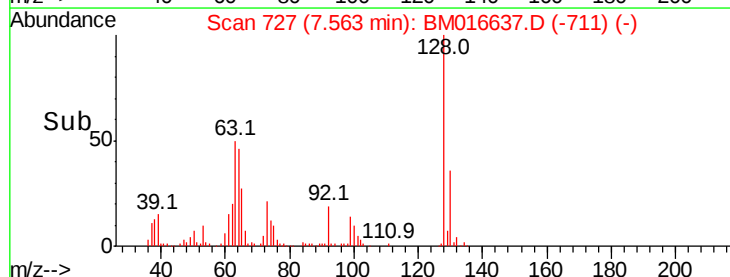
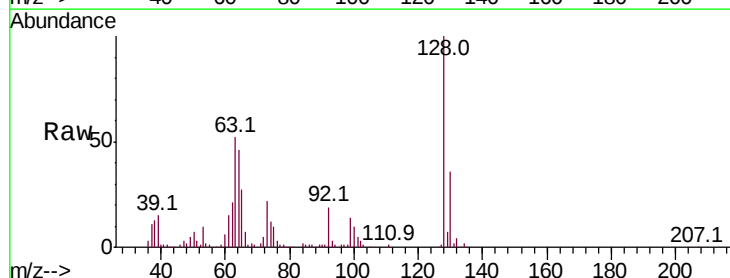
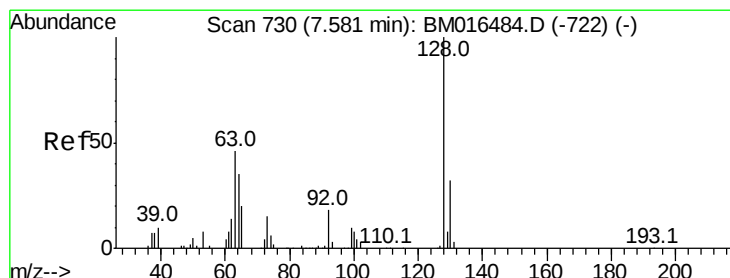
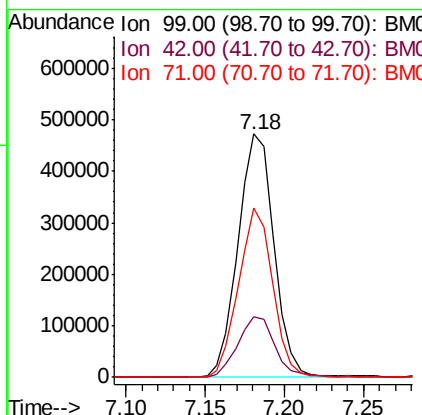
BNA_M

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#8

2-Chlorophenol

Concen: 45.170 ng

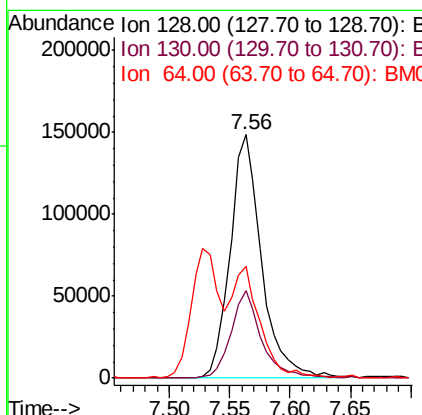
RT: 7.56 min Scan# 727

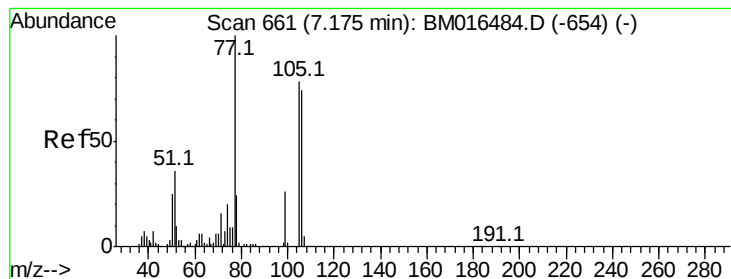
Delta R.T. -0.01 min

Lab File: BM016637.D

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Tgt Ion	128	Resp	269965
Ion Ratio	Lower	Upper	
128	100		
130	36.1	12.0	52.0
64	46.0	24.9	64.9





#9

Benzaldehyde

Concen: 35.752 ng

RT: 7.15 min Scan# 657

Delta R.T. -0.01 min

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Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

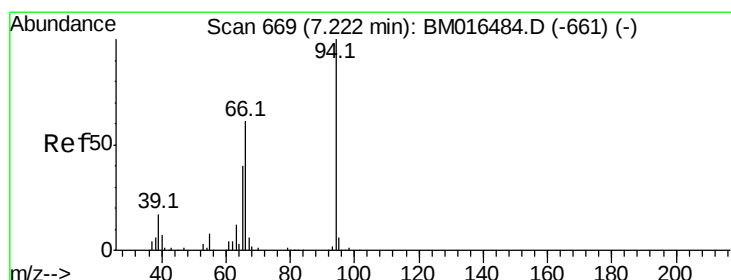
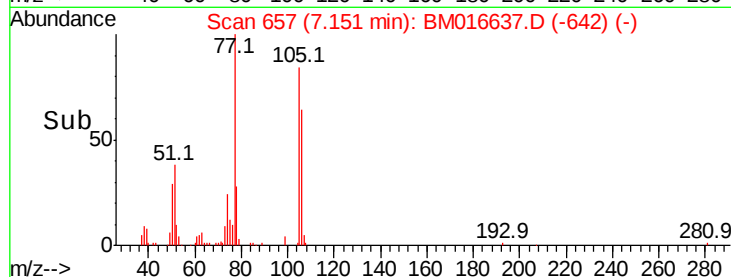
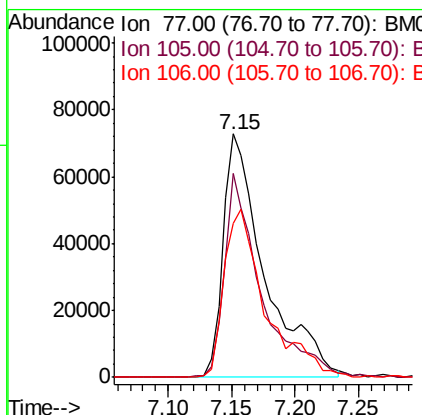
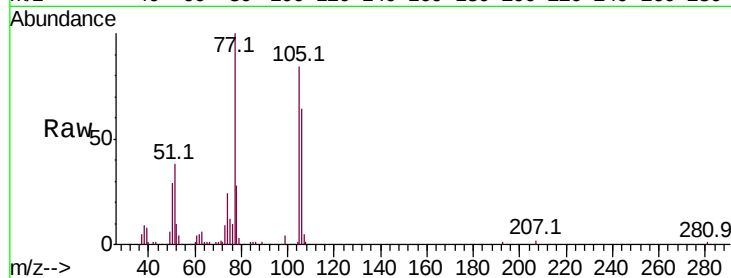
ClientSampleID :

PB112520BS

Tot Ion:	77	Resp:	164912
Ion	Ratio	Lower	Upper
77	100		
105	83.6	78.8	118.8
106	63.5	73.7	113.7#

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#10

Phenol

Concen: 43.796 ng

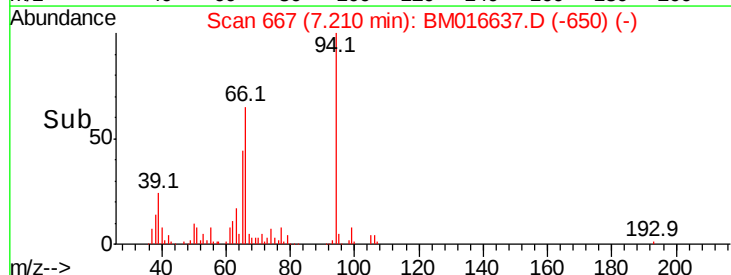
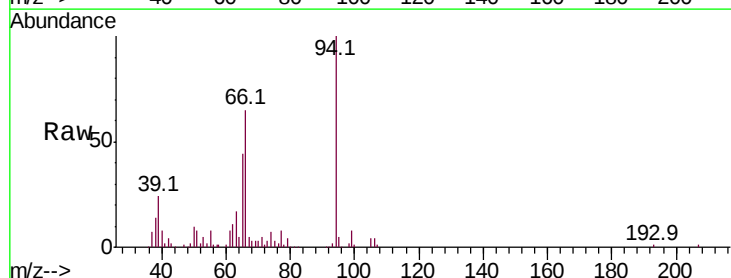
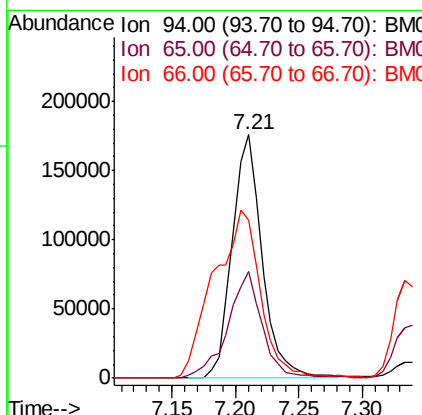
RT: 7.21 min Scan# 667

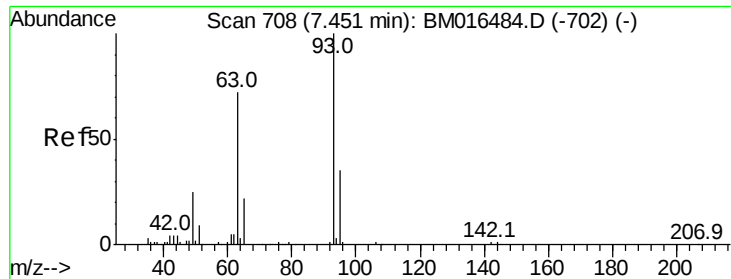
Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	94	Resp:	287874
Ion	Ratio	Lower	Upper
94	100		
65	43.9	18.8	58.8
66	64.7	39.9	79.9





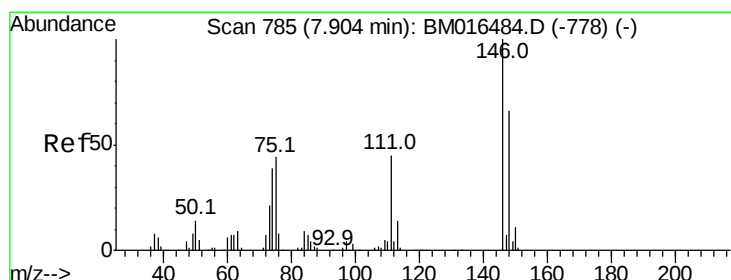
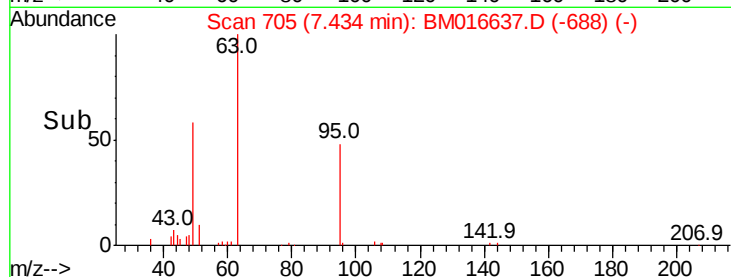
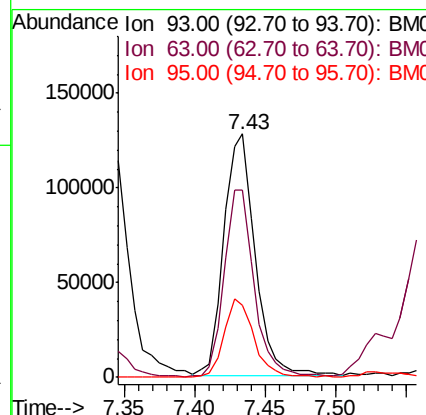
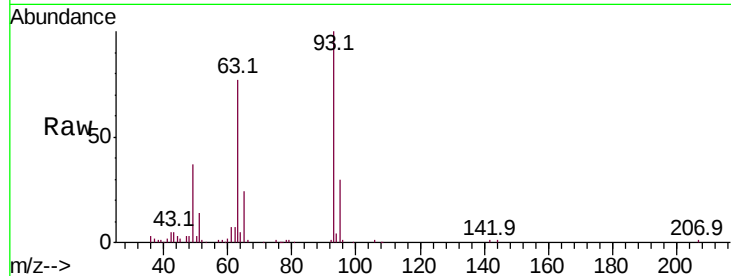
#11
bis(2-Chloroethyl)ether
Concen: 39.480 ng
RT: 7.43 min Scan# 705
Delta R.T. 0.00 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	194595		
63	77.1	49.5	89.5	
95	29.6	13.5	53.5	

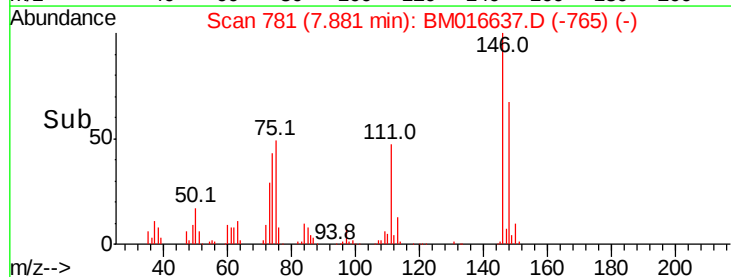
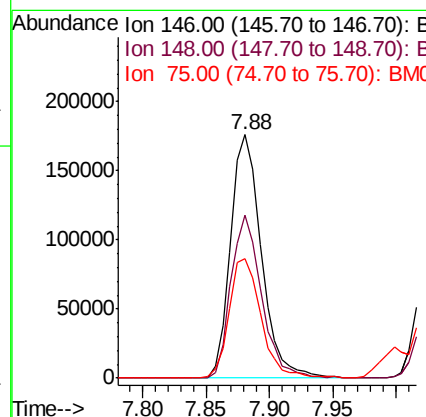
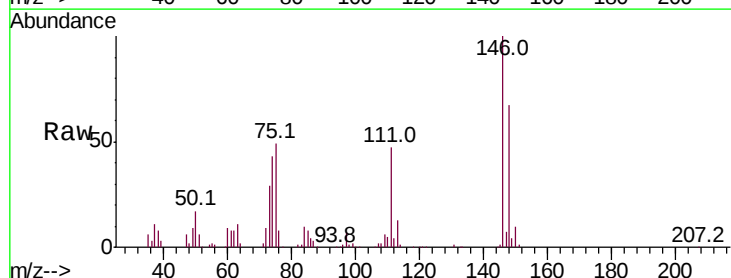
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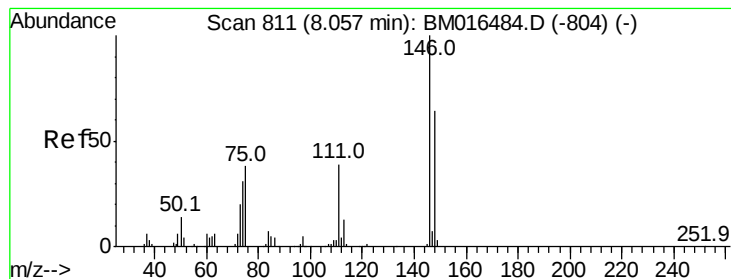
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#12
1,3-Dichlorobenzene
Concen: 37.427 ng
RT: 7.88 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296571		
148	67.1	50.9	76.3	
75	48.9	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 37.800 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

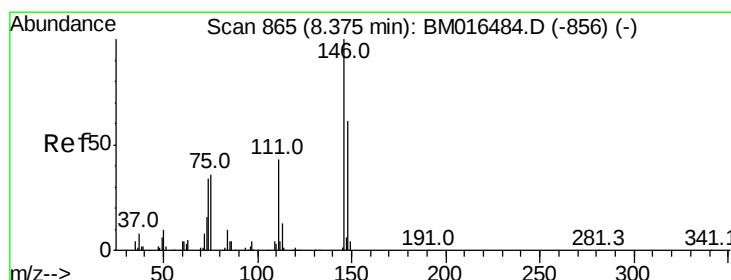
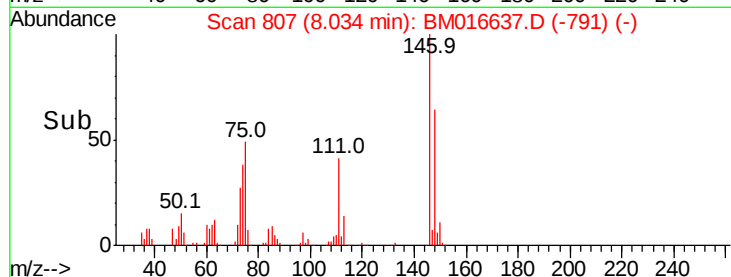
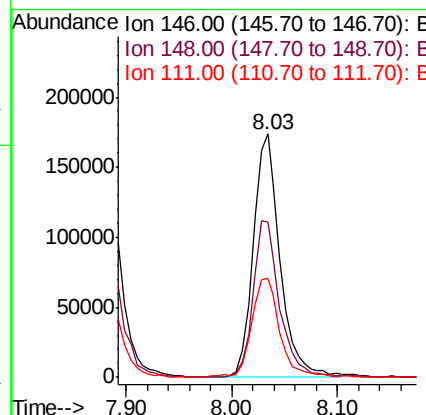
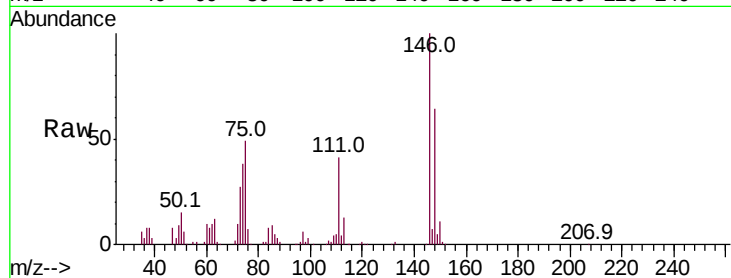
ClientSampleId :

PB112520BS

Tot Ion:	146	Resp:	307388
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.9	77.9
111	40.7	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 38.550 ng

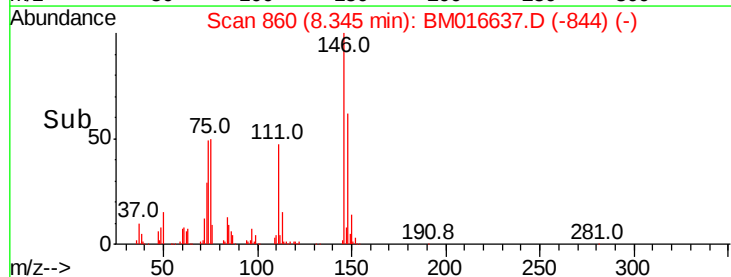
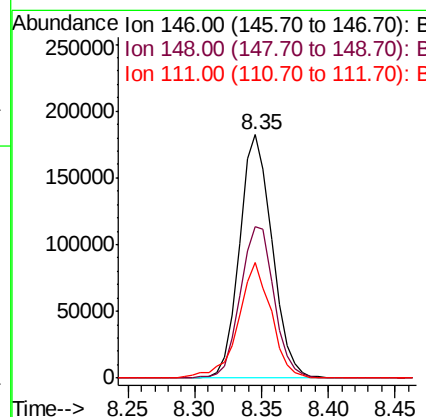
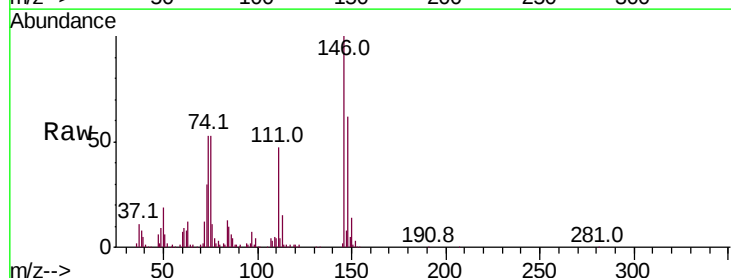
RT: 8.35 min Scan# 860

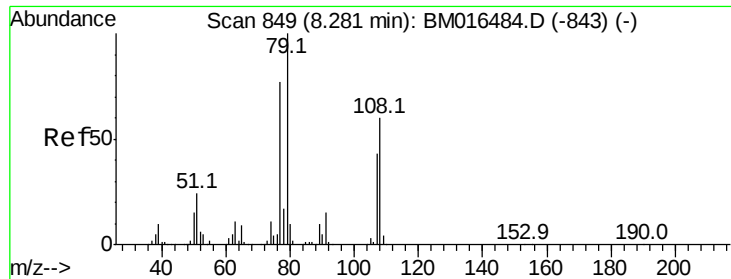
Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	146	Resp:	307985
Ion Ratio	Lower	Upper	
146	100		
148	62.0	52.3	78.5
111	47.4	30.6	45.8#





#15

Benzyl Alcohol

Concen: 37.758 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

ClientSampled :

PB112520BS

Tot Ion: 79 Resp: 233053

Ion Ratio Lower Upper

79 100

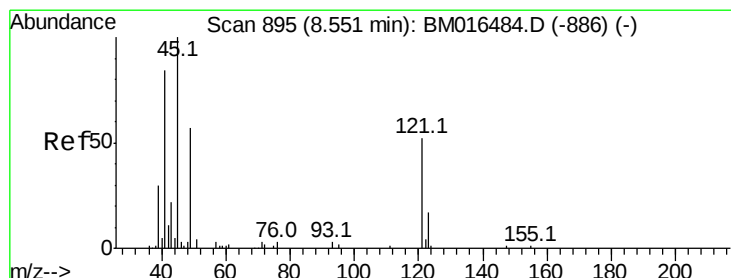
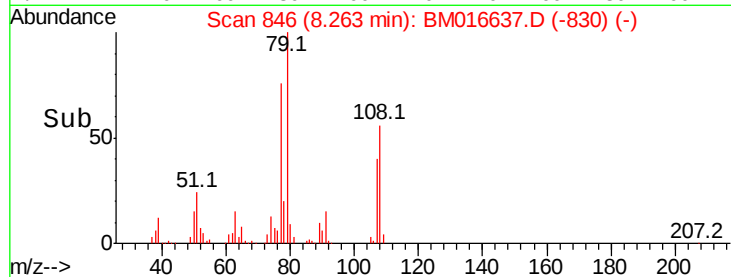
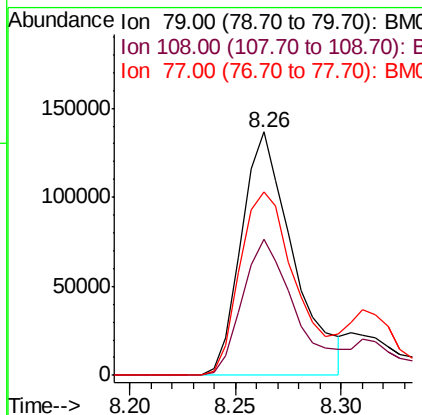
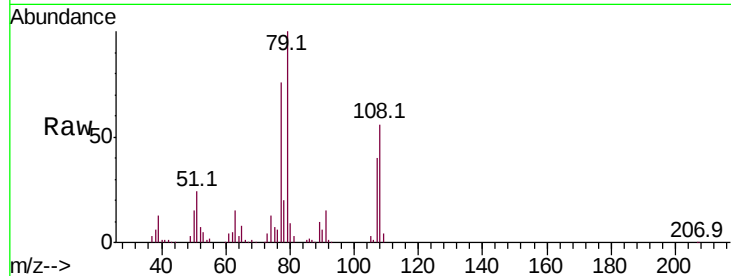
108 55.7 65.0 97.4#

77 75.5 53.0 79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.684 ng

RT: 8.53 min Scan# 891

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

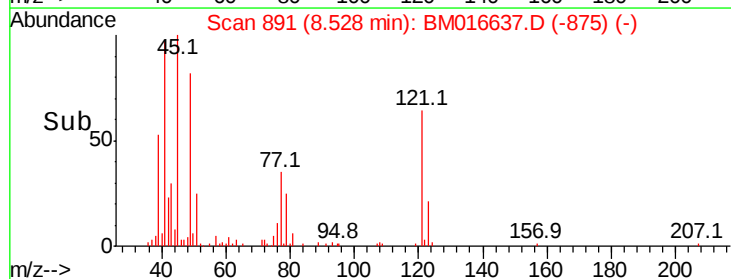
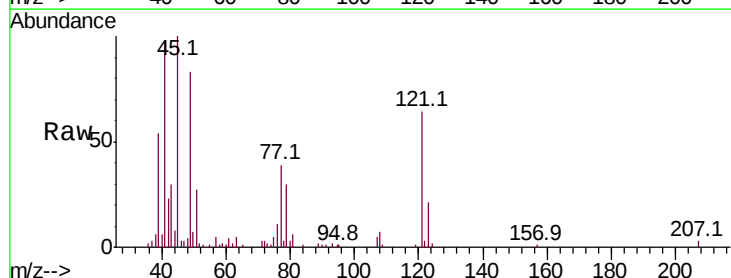
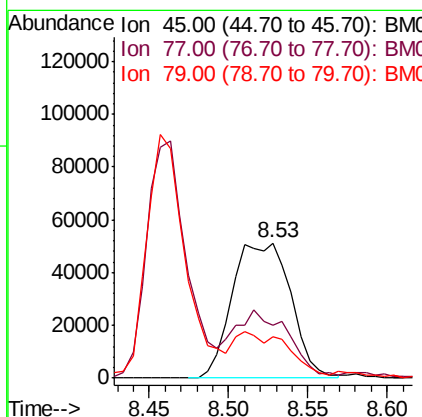
Tgt Ion: 45 Resp: 131292

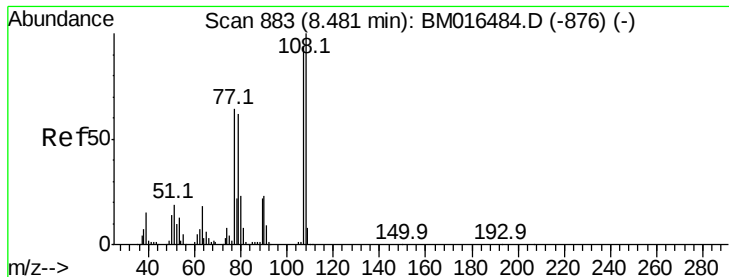
Ion Ratio Lower Upper

45 100

77 39.1 0.0 35.2#

79 30.2 0.0 32.0





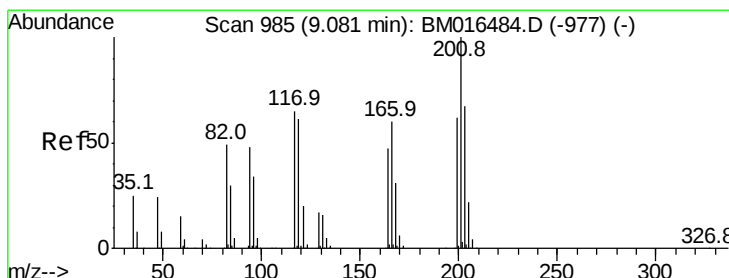
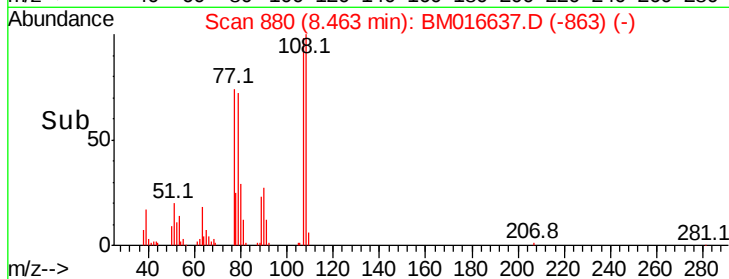
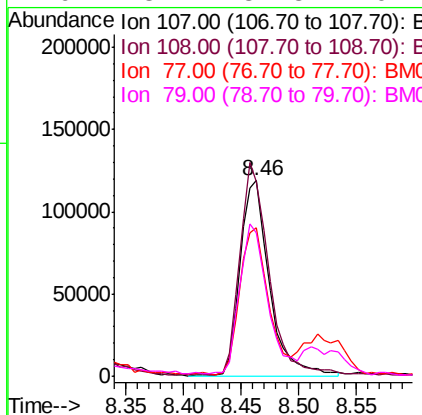
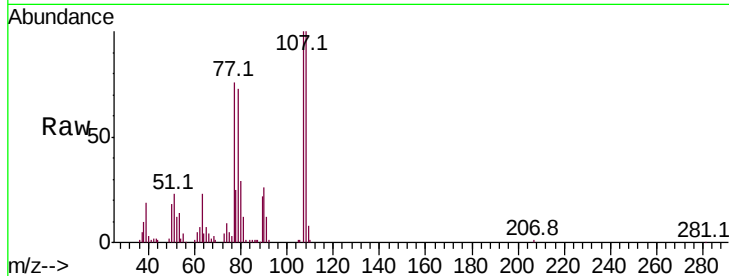
#17
2-Methylphenol
Concen: 44.043 ng
RT: 8.46 min Scan# 880
Delta R.T. 0.00 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	99.6	89.8	134.8
77	75.6	32.6	48.8#
79	73.2	32.8	49.2#

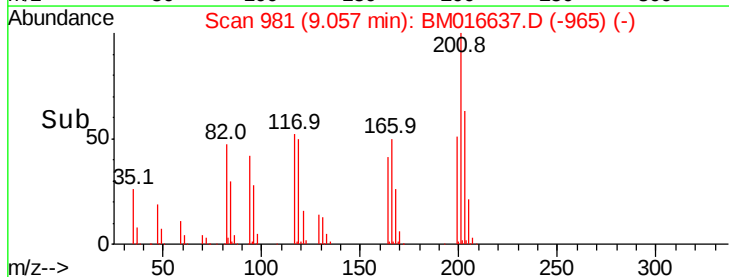
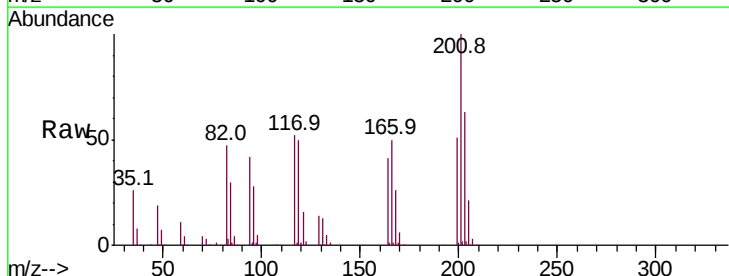
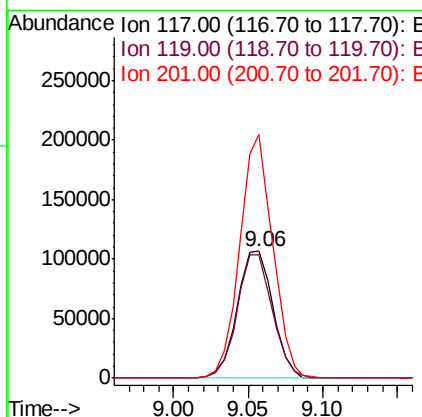
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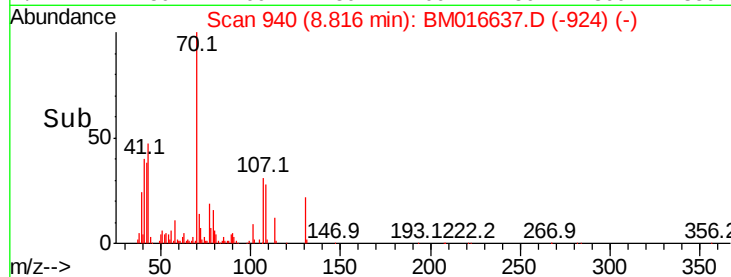
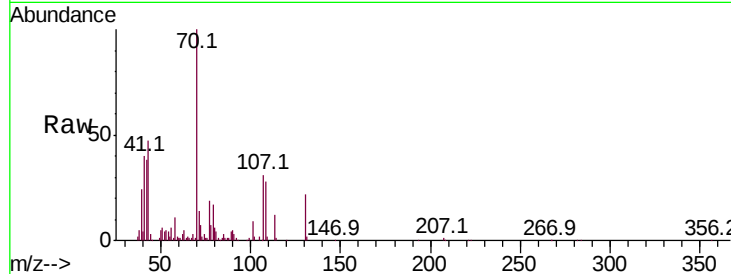
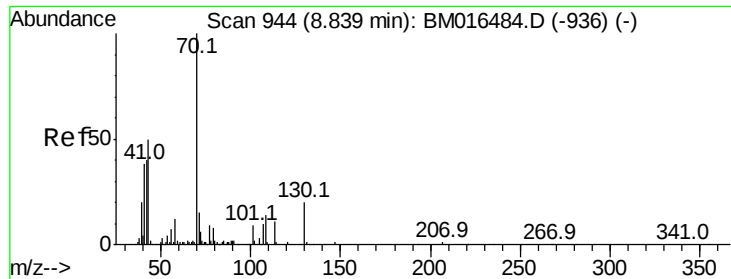
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#18
Hexachloroethane
Concen: 47.319 ng
RT: 9.06 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	97.0	79.2	118.8
201	192.4	69.8	104.6#





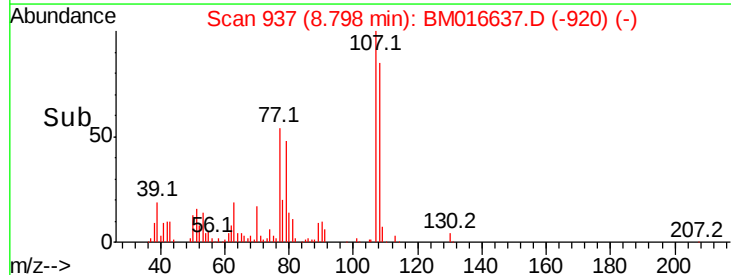
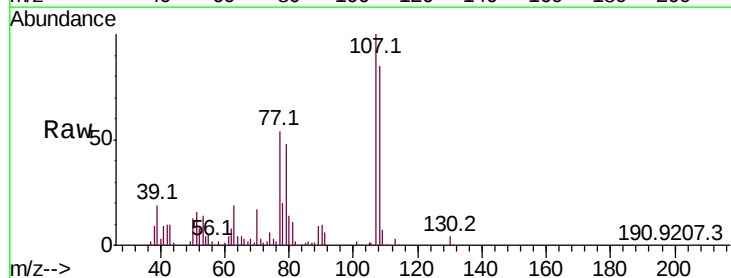
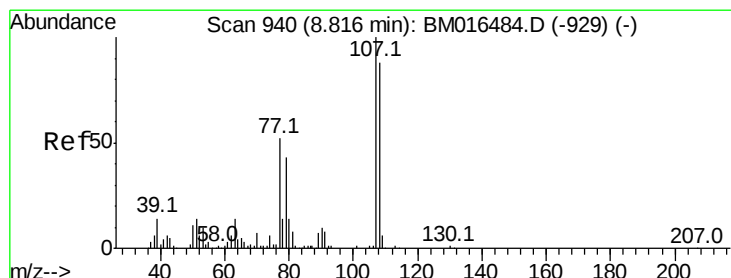
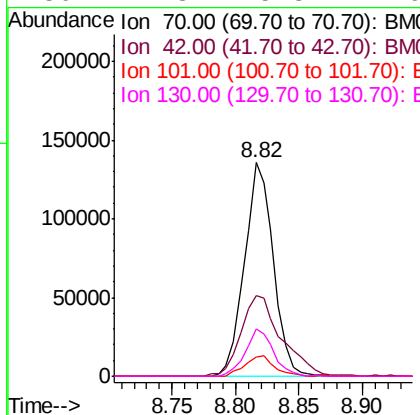
#19
n-Nitroso-di-n-propylamine
Concen: 41.167 ng
RT: 8.82 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		214521		
42	37.8	44.5	66.7#		
101	9.1	7.4	11.2		
130	22.3	15.3	22.9		

Instrument :
BNA_M
ClientSampleId :
PB112520BS

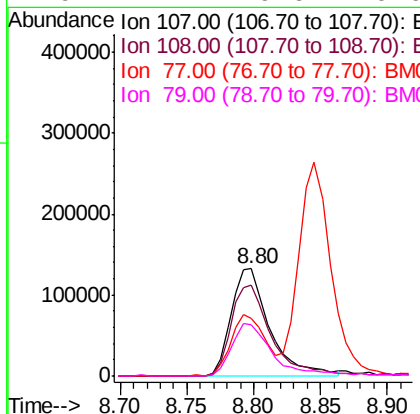
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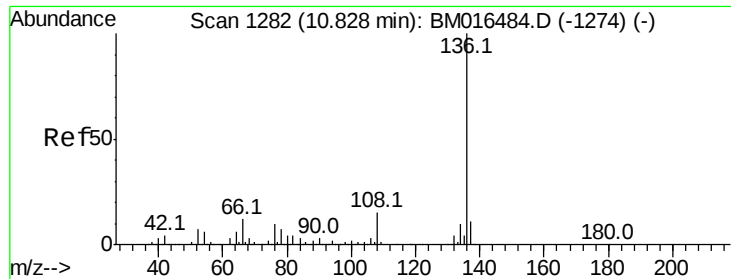
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#20
3+4-Methylphenols
Concen: 40.635 ng
RT: 8.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		267428		
108	84.8	73.2	113.2		
77	54.3	10.7	50.7#		
79	47.7	9.6	49.6		





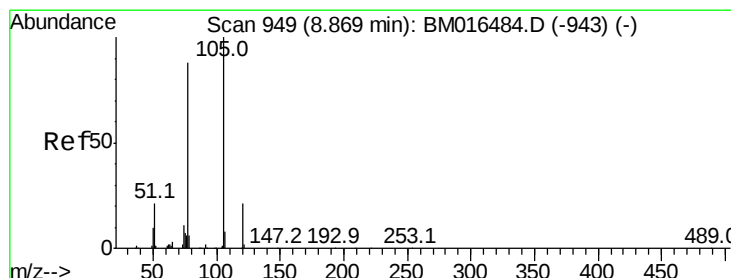
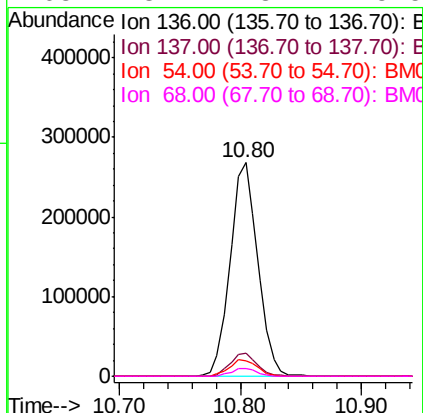
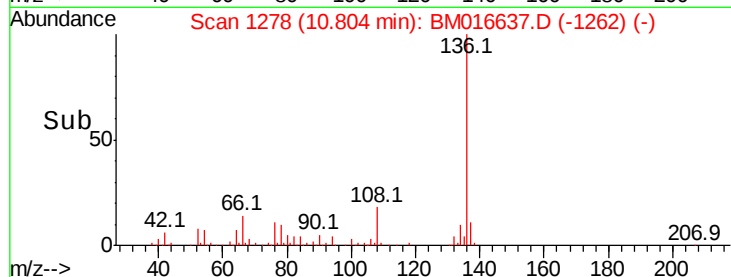
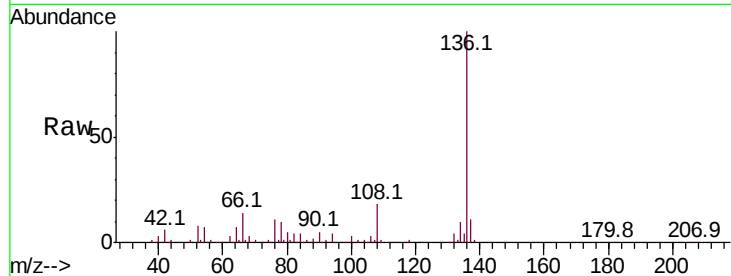
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	427829		
137	10.8		8.7	13.1
54	7.1		4.6	6.8#
68	3.4		3.7	5.5#

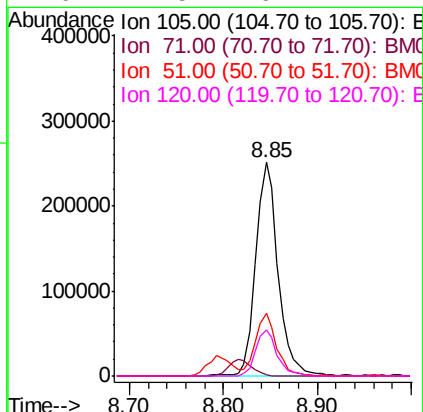
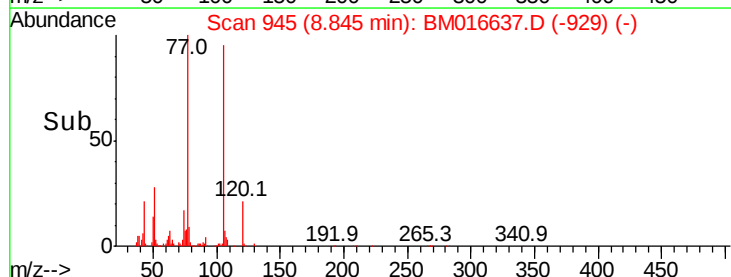
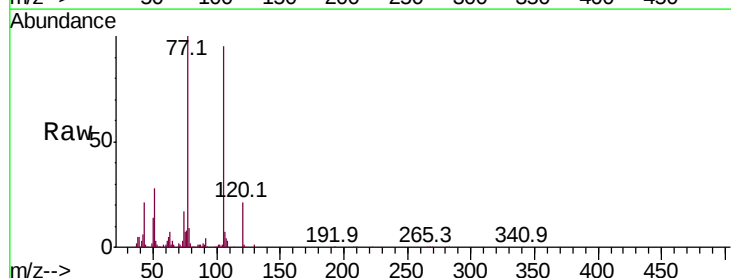
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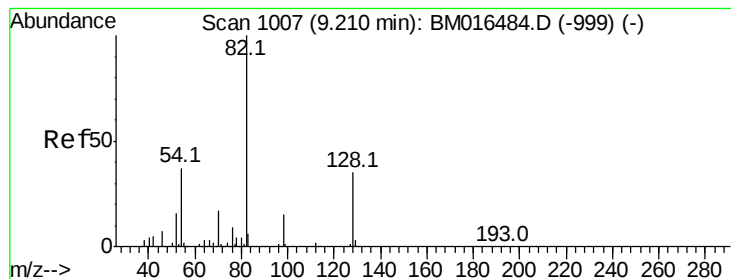
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#22
Acetophenone
Concen: 40.208 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	414232		
71	0.9		0.6	1.0
51	29.2		21.6	32.4
120	21.5		16.1	24.1





#23

Nitrobenzene-d5

Concen: 71.387 ng

RT: 9.19 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

ClientSampleId :

PB112520BS

Tot Ion: 82 Resp: 668907

Ion Ratio Lower Upper

82 100

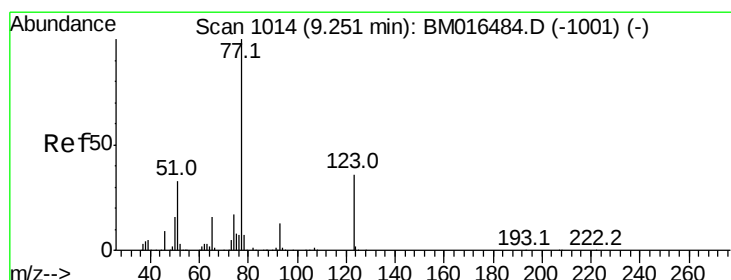
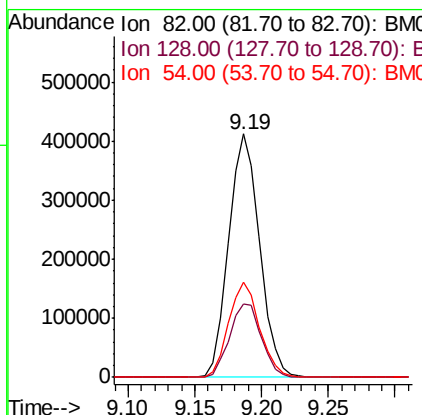
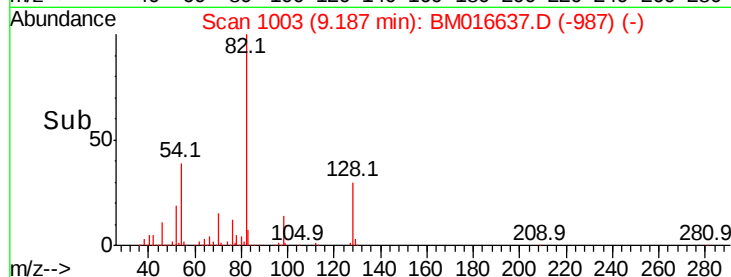
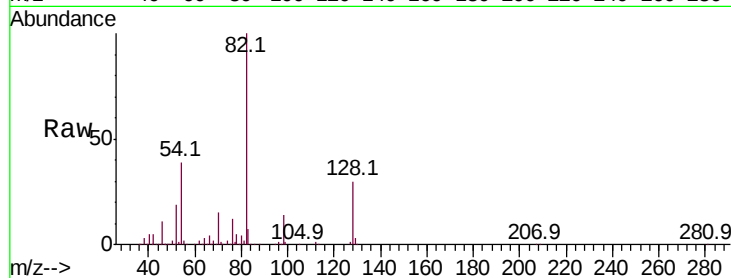
128 30.3 32.8 49.2#

54 39.2 40.6 60.8#

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#24

Nitrobenzene

Concen: 39.429 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

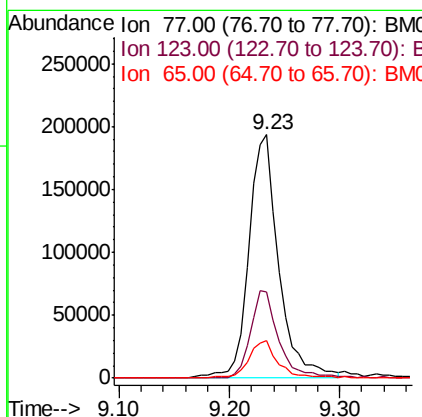
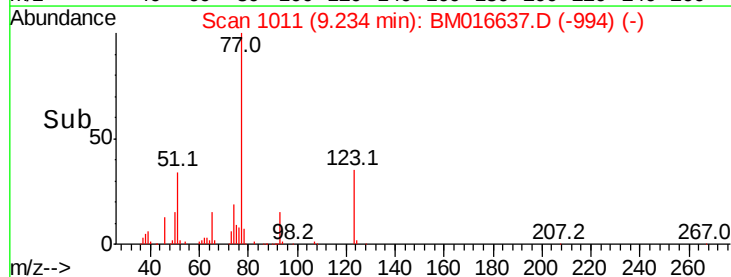
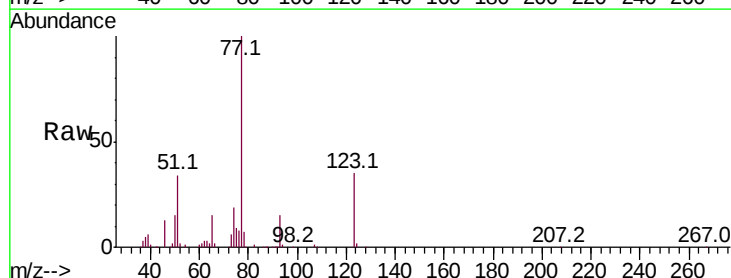
Tgt Ion: 77 Resp: 369140

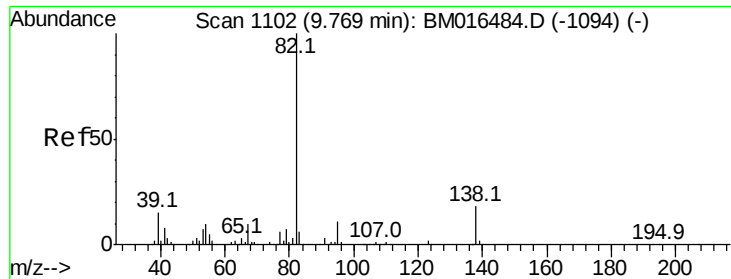
Ion Ratio Lower Upper

77 100

123 35.1 32.6 49.0

65 15.2 10.9 16.3





#25

Isophorone

Concen: 46.204 ng

RT: 9.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

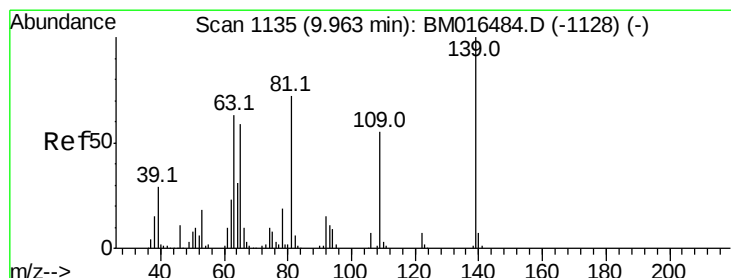
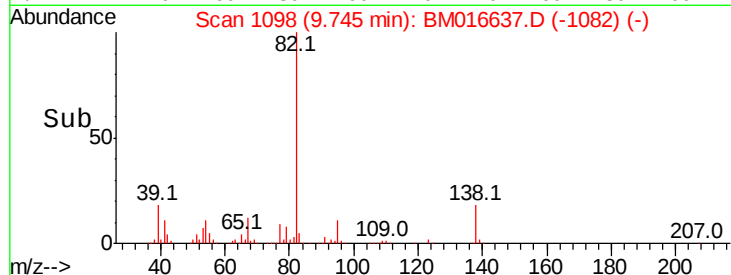
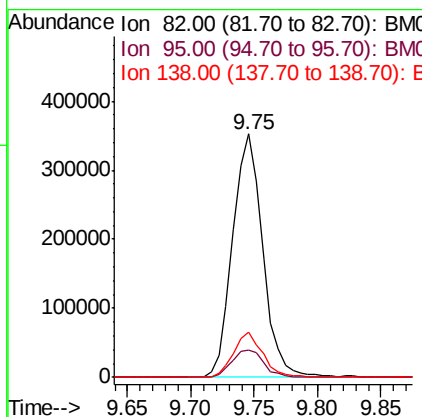
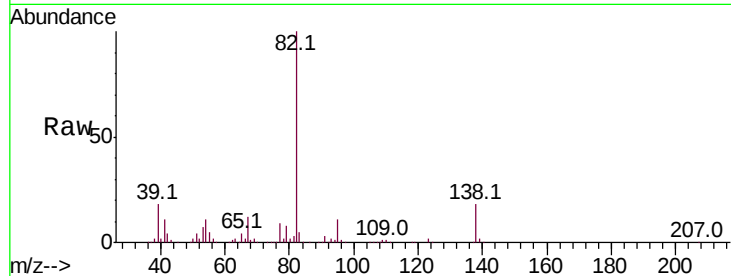
ClientSampleId :

PB112520BS

Tot Ion:	82	Resp:	578617
Ion Ratio	Lower	Upper	
82	100		
95	11.1	5.8	8.6#
138	18.5	16.3	24.5

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#26

2-Nitrophenol

Concen: 38.514 ng

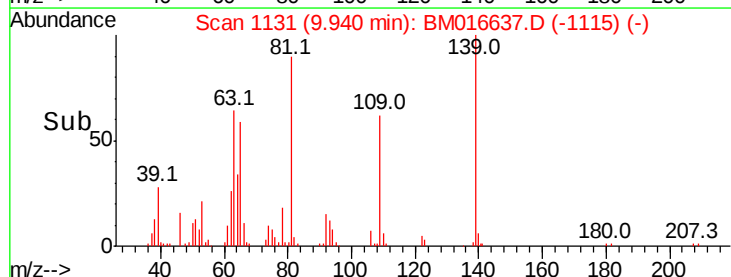
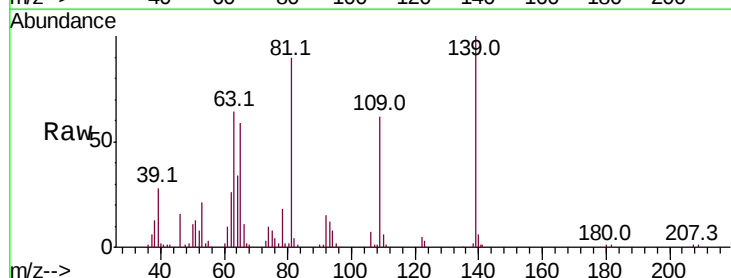
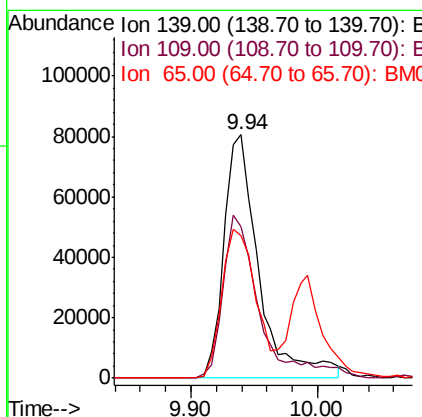
RT: 9.94 min Scan# 1131

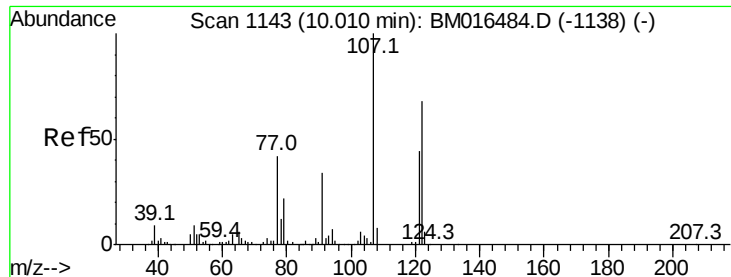
Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	139	Resp:	154150
Ion Ratio	Lower	Upper	
139	100		
109	62.1	20.1	30.1#
65	58.7	31.5	47.3#





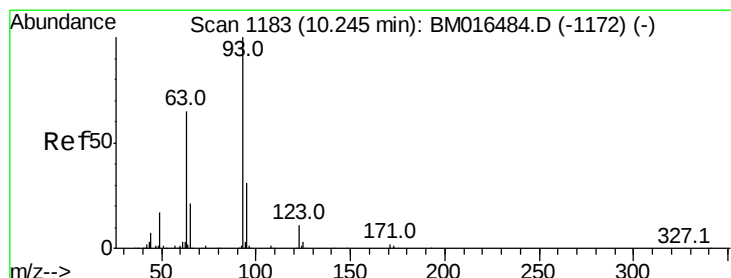
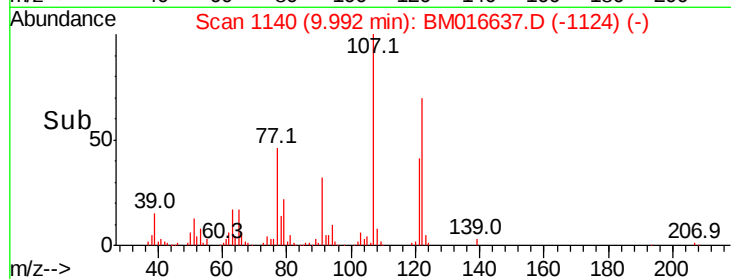
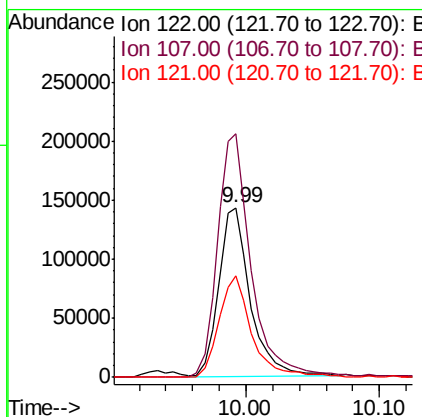
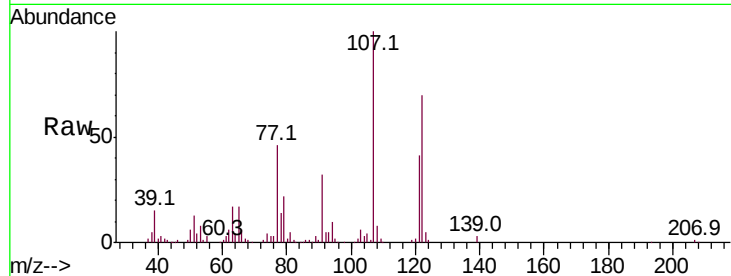
#27
 2,4-Dimethylphenol
 Concen: 45.373 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampled :
 PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	236659		
107	143.8	84.7	127.1#	
121	59.6	46.6	69.8	

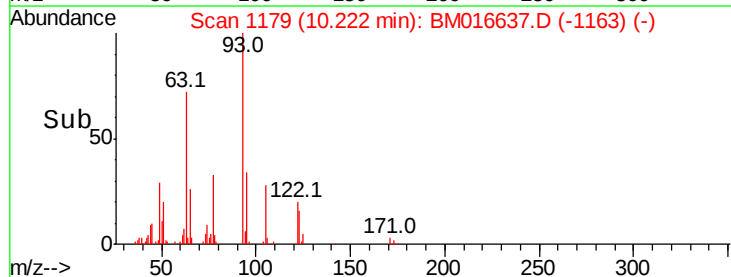
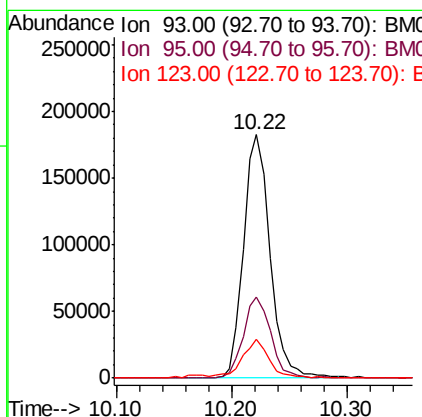
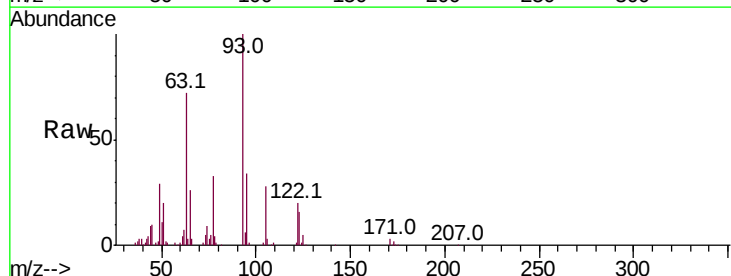
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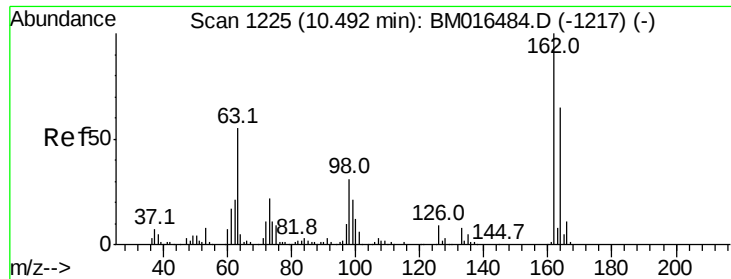
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.002 ng
 RT: 10.22 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	291563		
95	33.5	25.5	38.3	
123	16.1	8.6	13.0#	





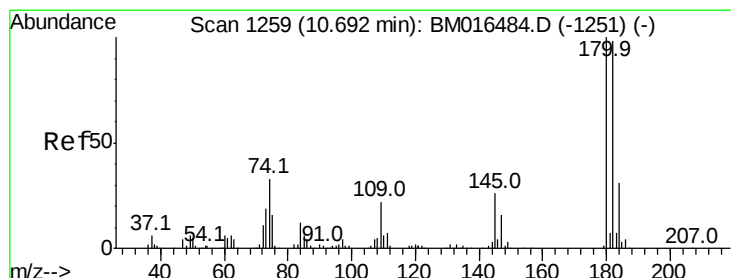
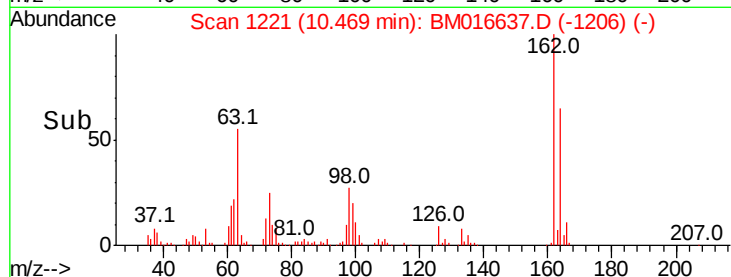
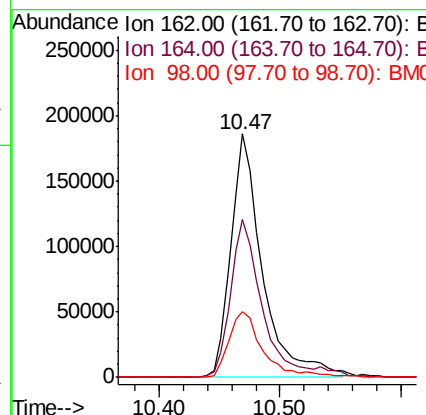
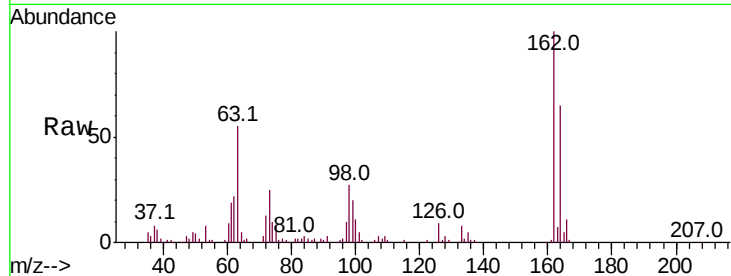
#29
 2,4-Dichlorophenol
 Concen: 43.463 ng
 RT: 10.47 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleID :
 PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	42.8	82.8	
98	27.1	14.5	54.5	

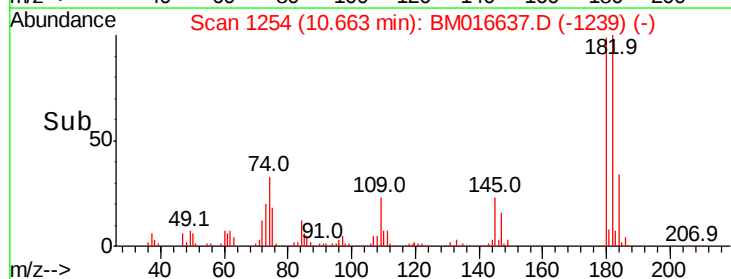
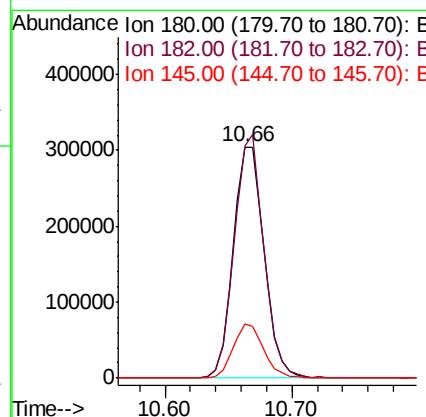
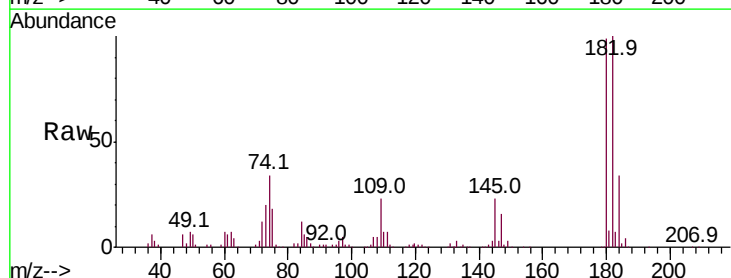
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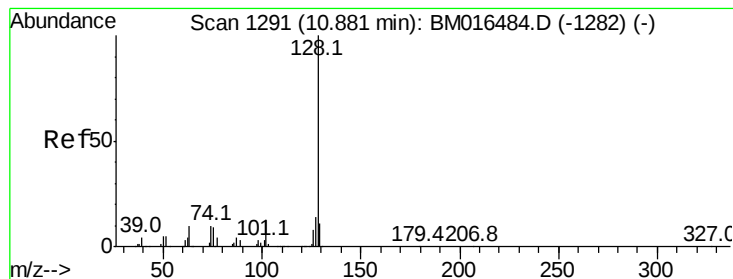
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.254 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	100.7	77.6	116.4	
145	23.3	23.4	35.2	





#31

Naphthalene

Concen: 40.245 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

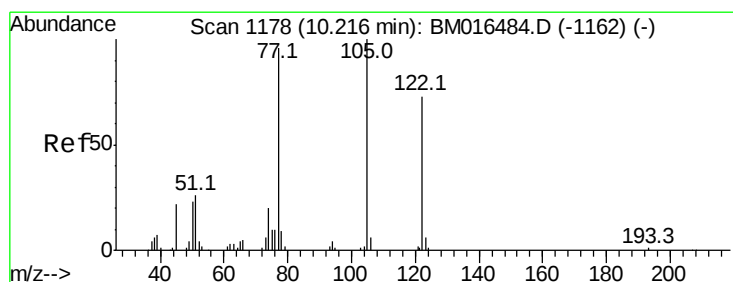
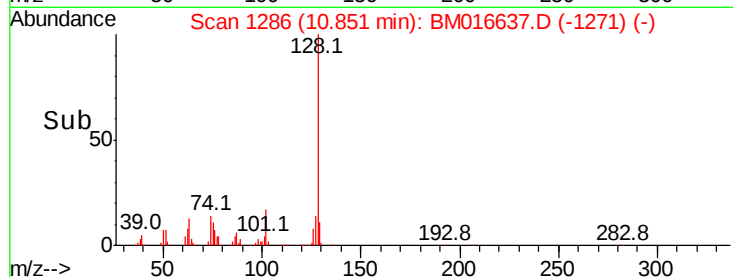
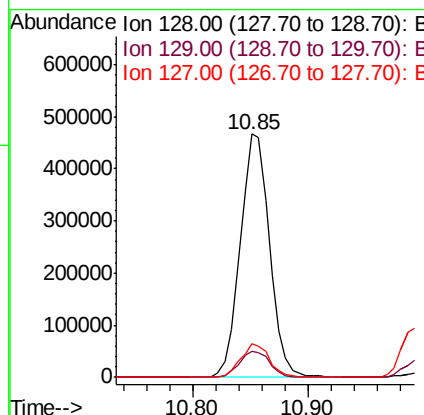
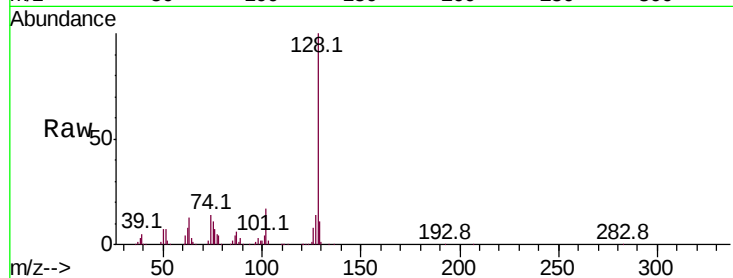
ClientSampleId :

PB112520BS

Tot Ion:	128	Resp:	820345
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.9	13.3
127	13.9	10.4	15.6

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#32

Benzoic acid

Concen: 31.614 ng

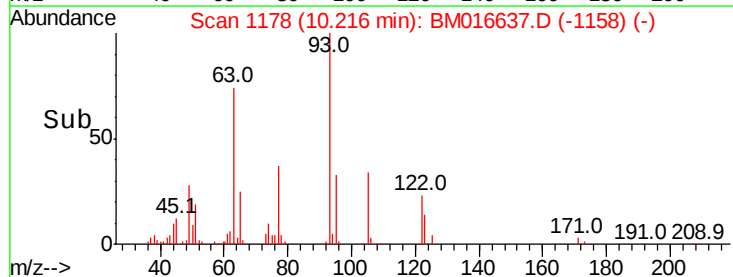
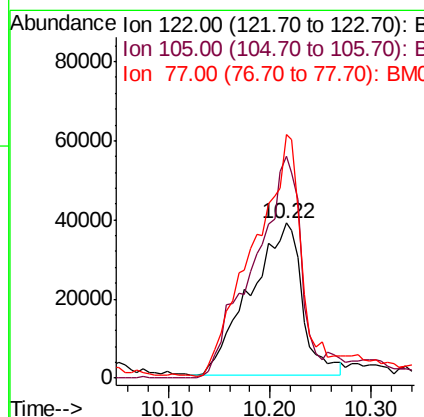
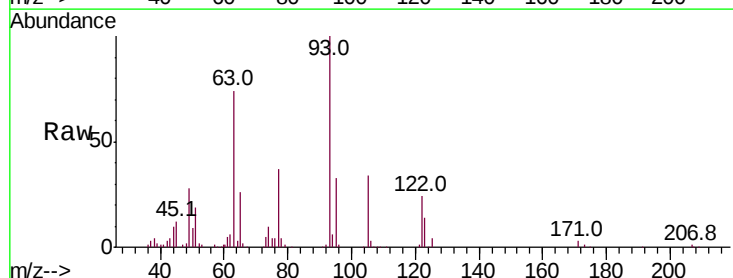
RT: 10.22 min Scan# 1178

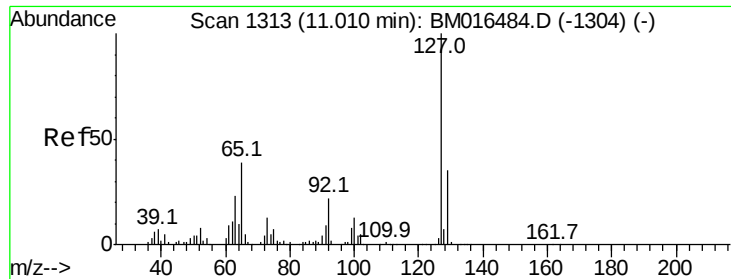
Delta R.T. 0.02 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	122	Resp:	137967
Ion Ratio	Lower	Upper	
122	100		
105	143.4	99.9	139.9#
77	157.4	73.7	113.7#





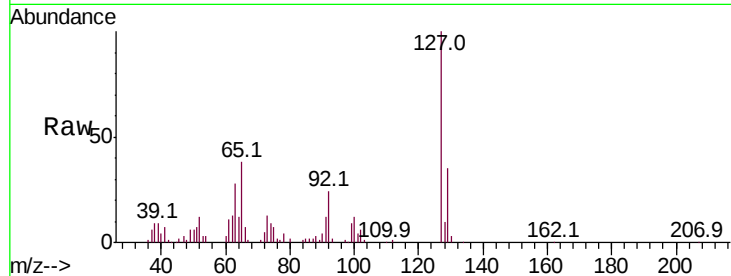
#33
4-Chloroaniline
Concen: 23.243 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.7	25.3	37.9	
65	37.6	17.6	26.4	
92	23.9	13.1	19.7	

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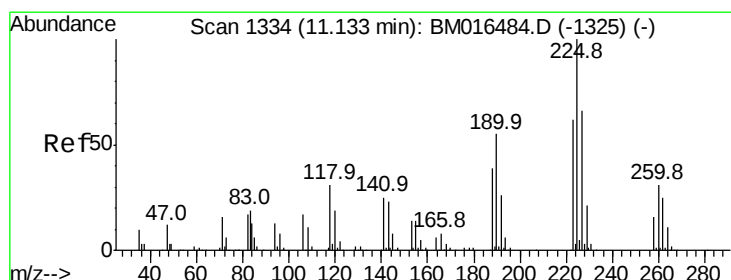
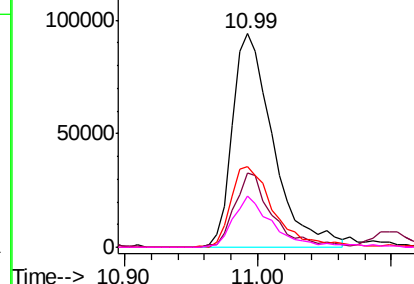
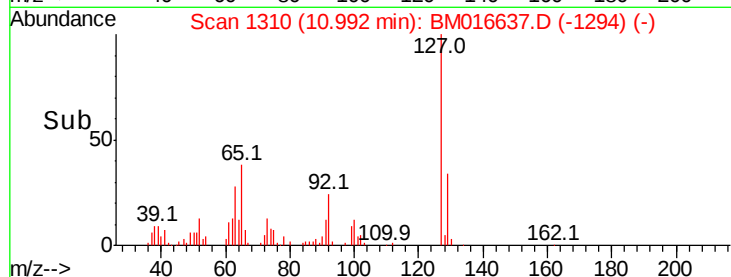
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

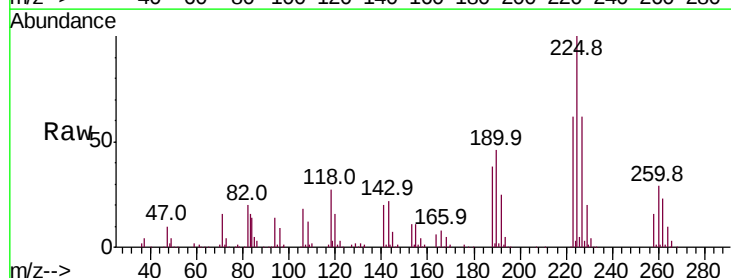
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 50.408 ng
RT: 11.10 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	47.9	71.9	
227	62.1	50.1	75.1	

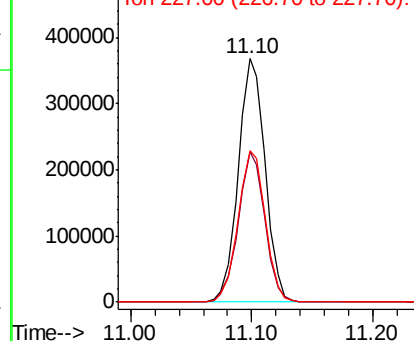
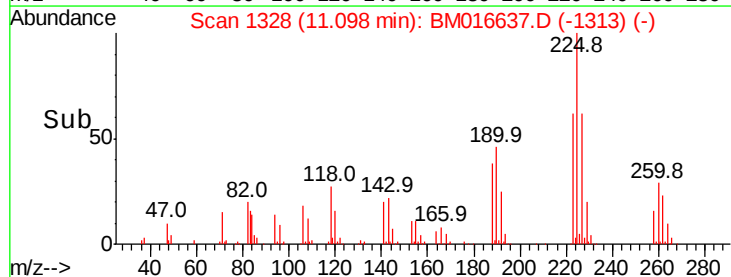


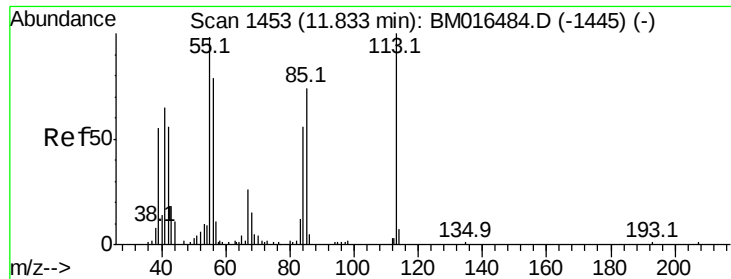
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.366 ng/mL

RT: 11.83 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

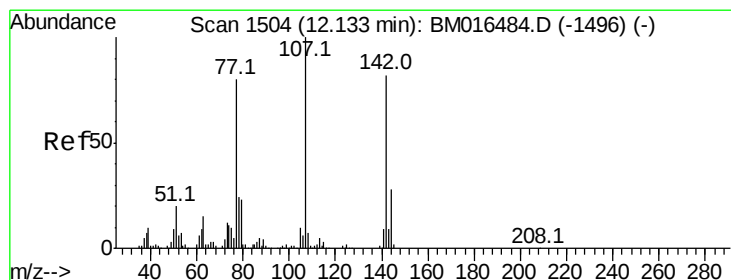
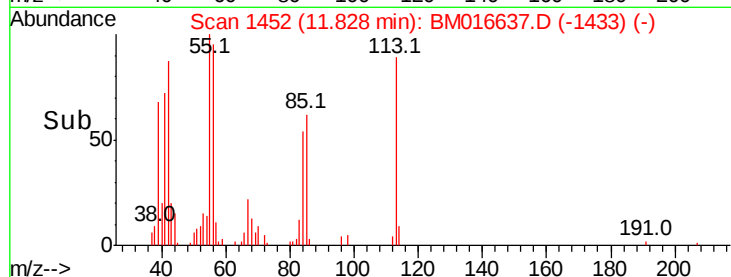
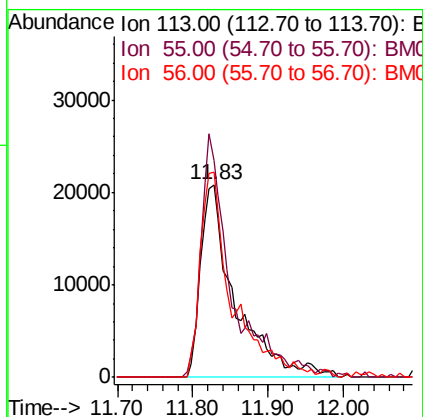
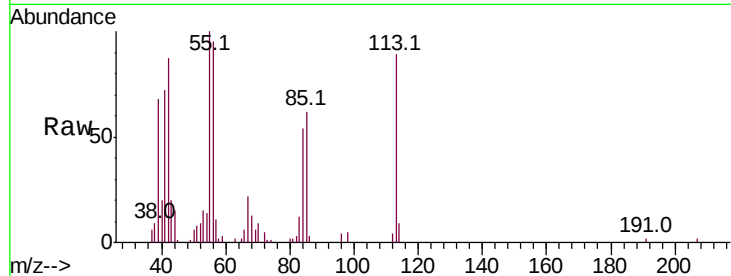
ClientSampleId :

PB112520BS

Tot Ion:	113	Resp:	66246
Ion Ratio	Lower	Upper	
113	100		
55	112.3	145.9	185.9#
56	106.5	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 39.158 ng/mL

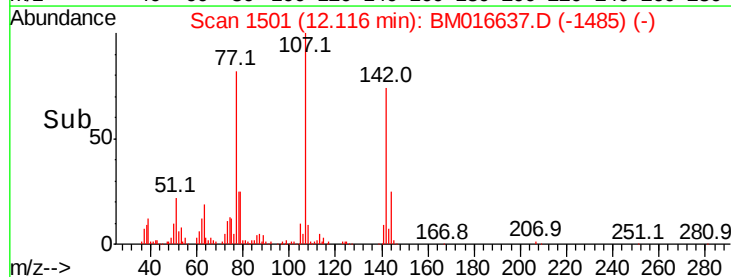
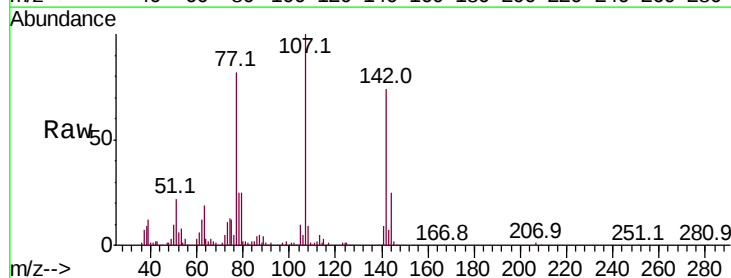
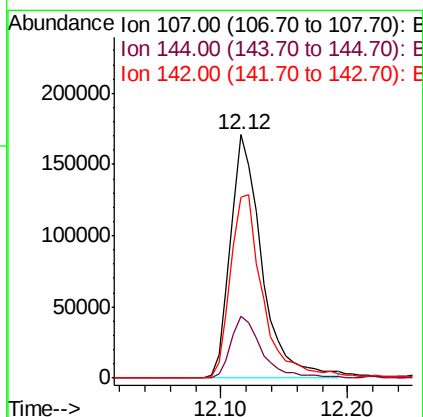
RT: 12.12 min Scan# 1501

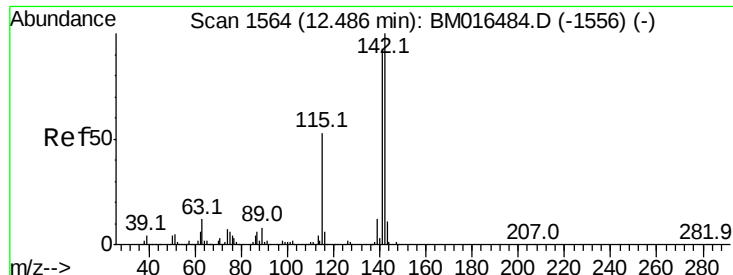
Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	107	Resp:	293871
Ion Ratio	Lower	Upper	
107	100		
144	25.5	23.3	34.9
142	74.1	72.6	109.0





#37

2-Methylnaphthalene

Concen: 44.185 ng

RT: 12.46 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

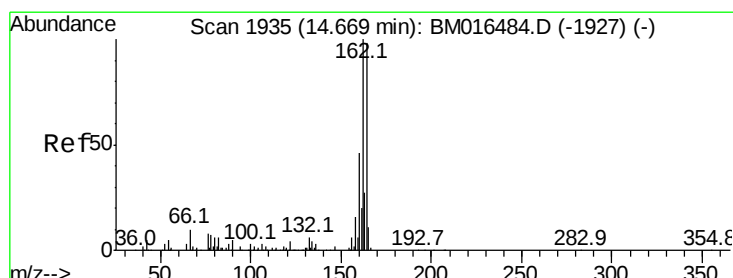
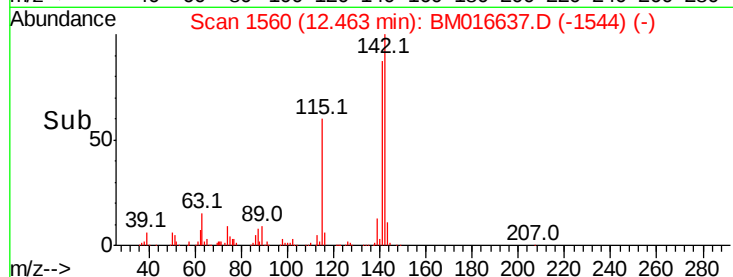
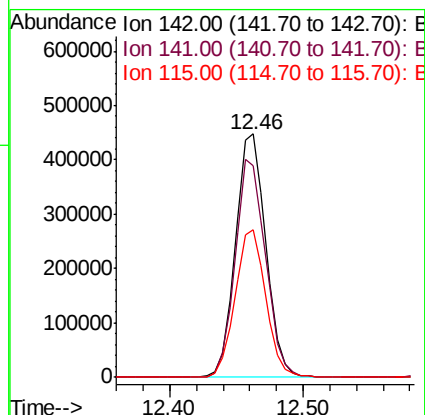
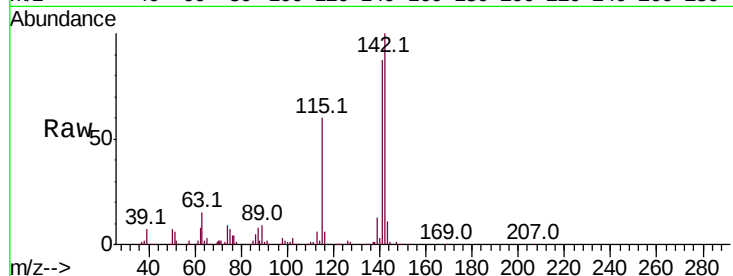
ClientSampleId :

PB112520BS

Tot Ion:	142	Resp:	705068
Ion Ratio	Lower	Upper	
142	100		
141	86.8	71.9	107.9
115	60.5	25.4	38.0#

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#38

Acenaphthene-d10

Concen: 20.000 ng

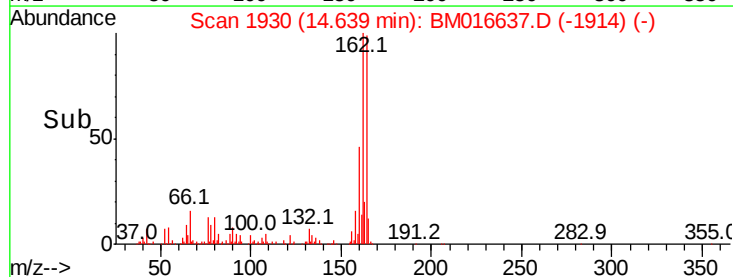
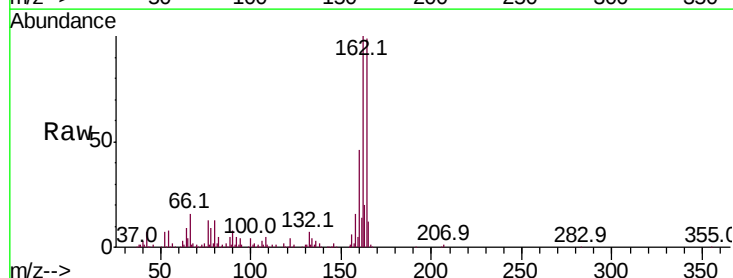
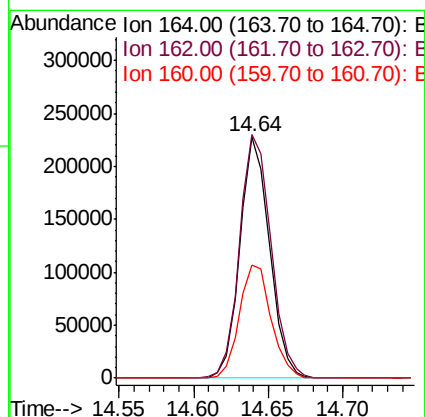
RT: 14.64 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	164	Resp:	313566
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.4	123.6
160	46.8	35.8	53.6





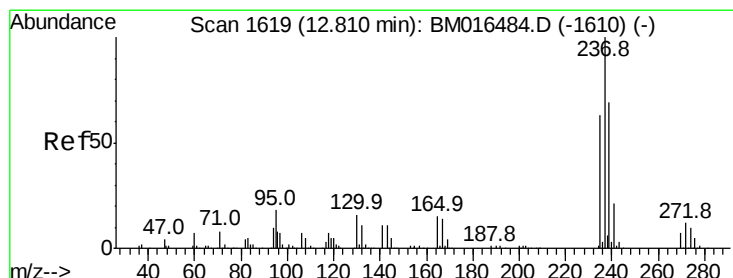
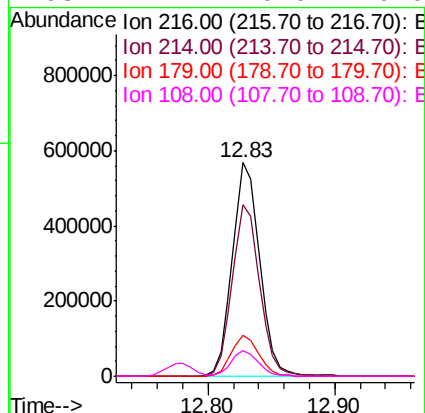
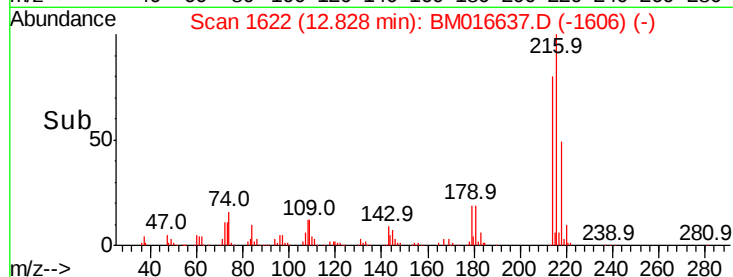
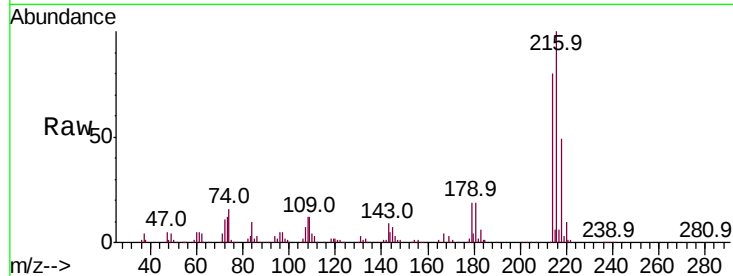
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.002 ng
 RT: 12.83 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	850081		
214	80.6	0.0	0.0	0.0#
179	19.2	0.0	0.0	0.0#
108	12.2	0.0	0.0	0.0#

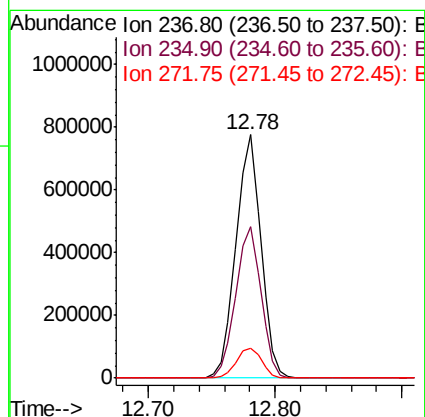
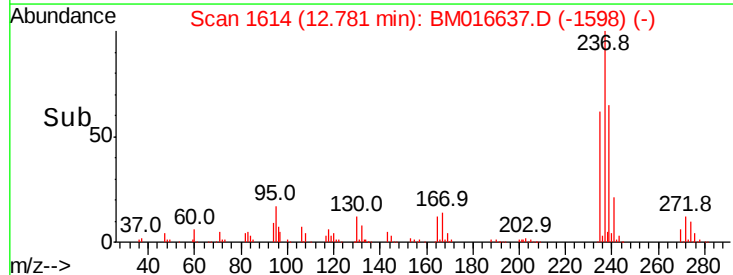
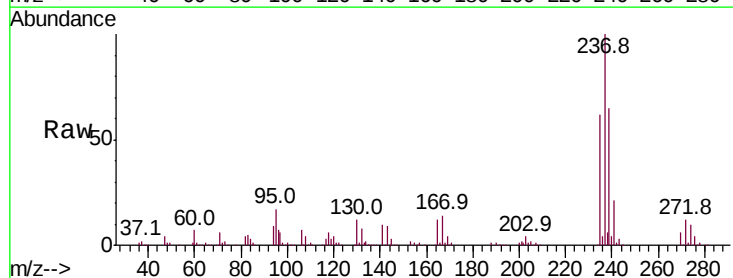
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#40
 Hexachlorocyclopentadiene
 Concen: 112.930 ng
 RT: 12.78 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1054010		
235	62.0	42.0	82.0	
272	12.3	0.0	33.4	





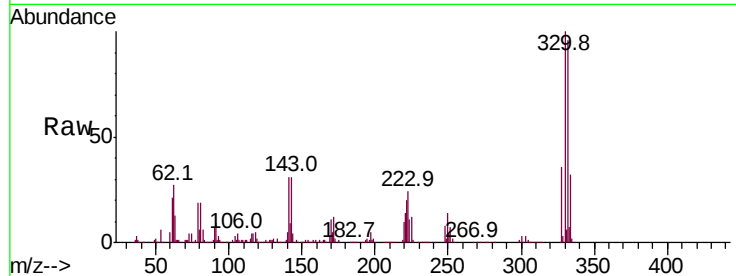
#41
2,4,6-Tribromophenol
Concen: 113.686 ng
RT: 16.14 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

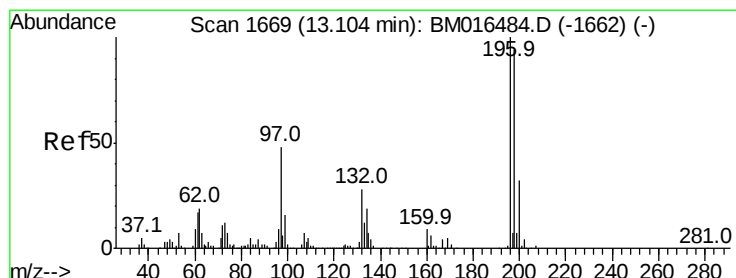
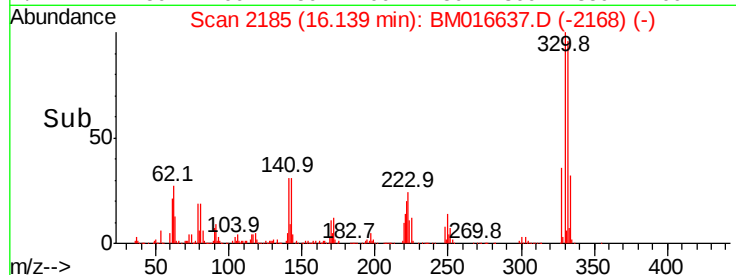
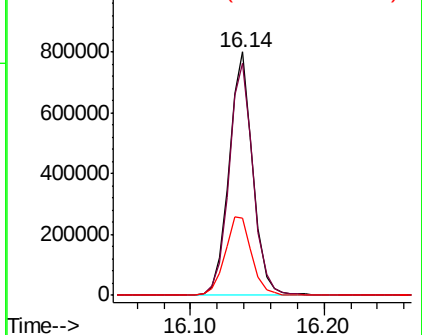
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	36.4	0.0	0.0#

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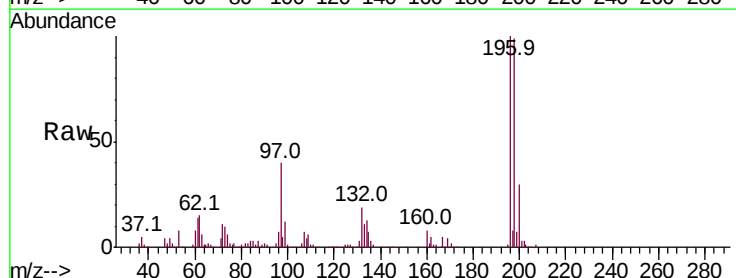


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

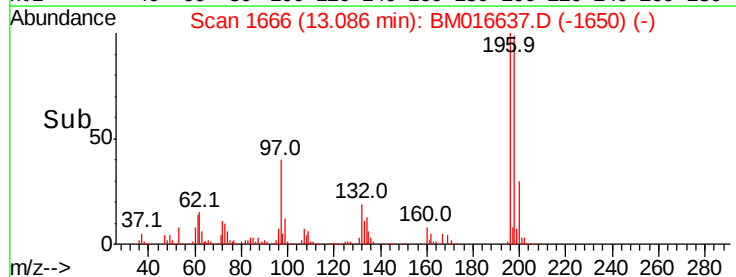
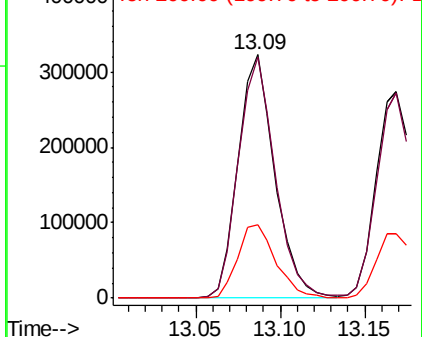


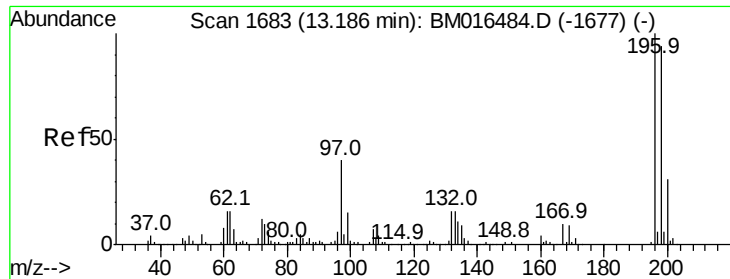
#42
2,4,6-Trichlorophenol
Concen: 46.339 ng
RT: 13.09 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	98.8	76.3	114.5
200	30.4	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





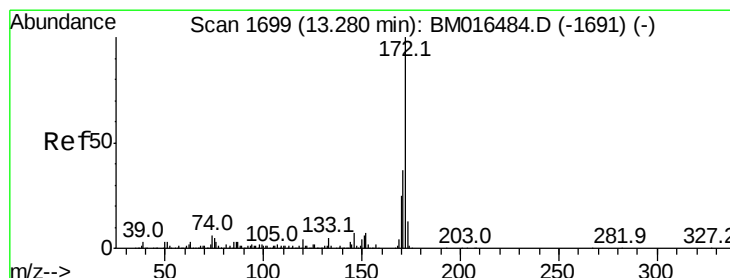
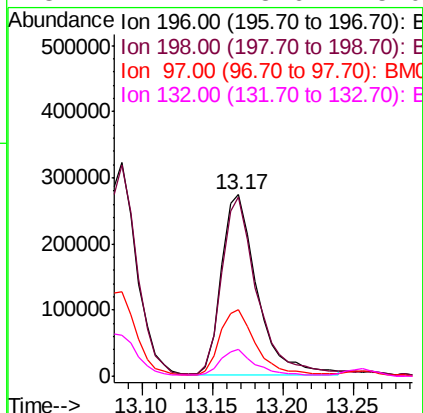
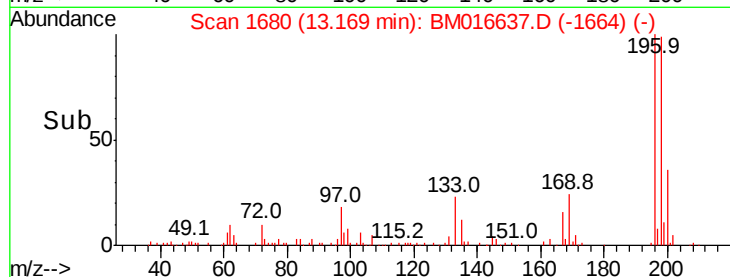
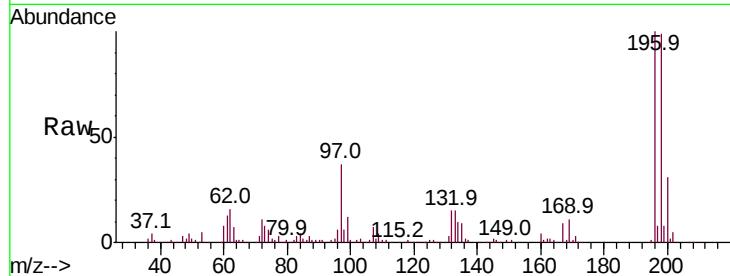
#43
 2,4,5-Trichlorophenol
 Concen: 46.037 ng
 RT: 13.17 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	476232		
198	99.0	79.4	119.0	
97	36.8	26.8	40.2	
132	14.7	18.6	28.0	

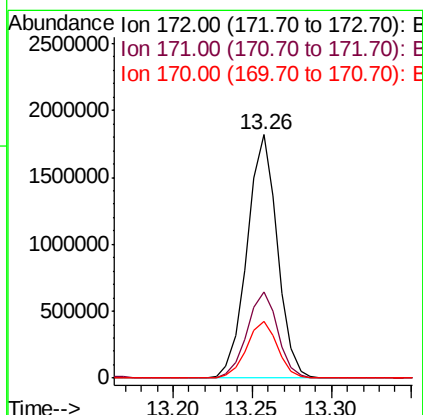
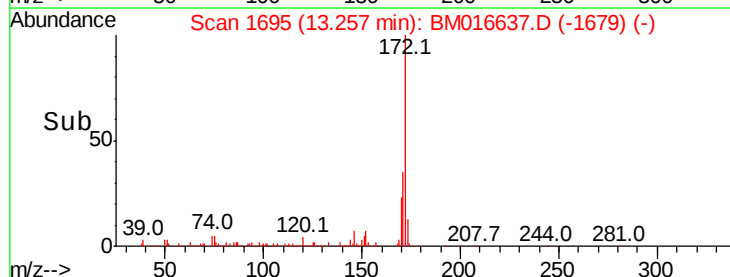
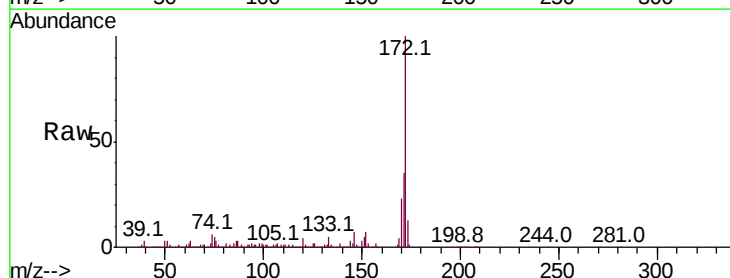
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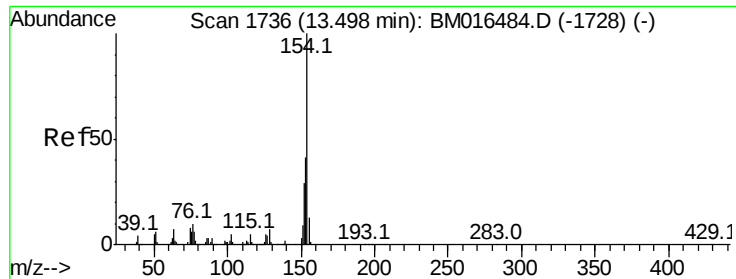
Sohil
 9/4/2018 4:39:11 PM



#44
 2-Fluorobiphenyl
 Concen: 73.966 ng
 RT: 13.26 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2412883		
171	35.5	28.5	42.7	
170	23.1	18.8	28.2	





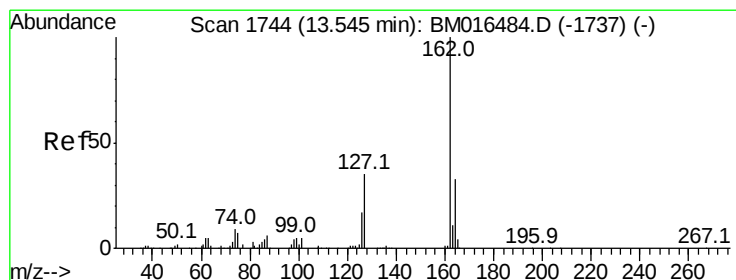
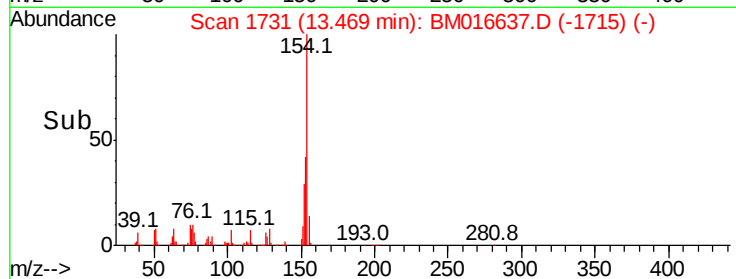
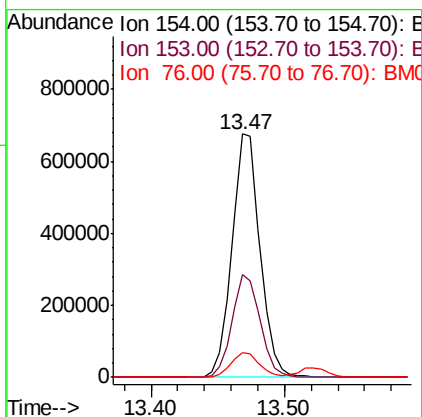
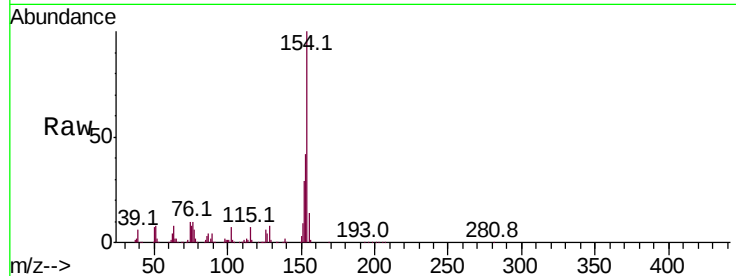
#45
 1,1'-Biphenyl
 Concen: 36.033 ng
 RT: 13.47 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.7	60.7
76	10.3	0.0	30.9

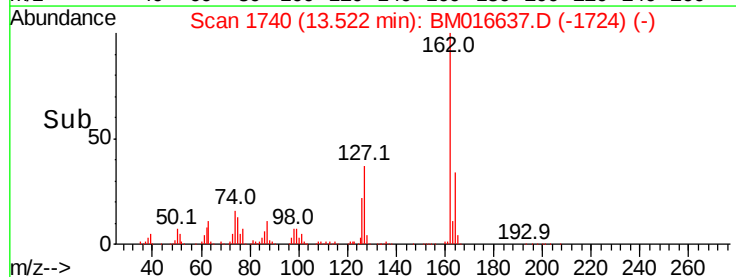
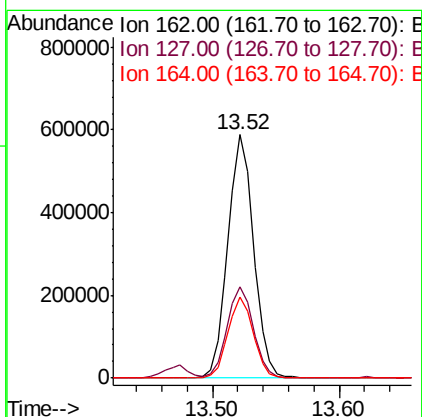
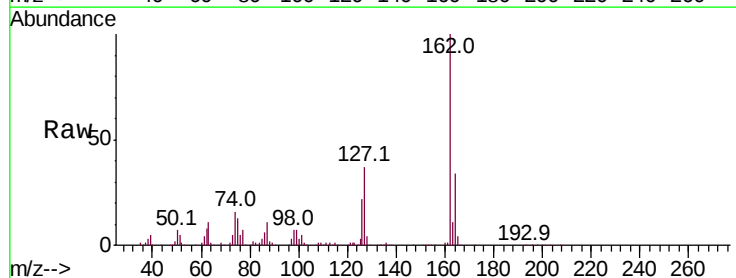
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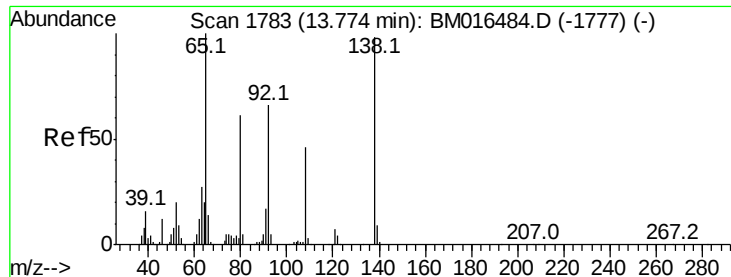
Sohil
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#46
 2-Chloronaphthalene
 Concen: 37.075 ng
 RT: 13.52 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	26.9	40.3
164	33.5	26.8	40.2





#47

2-Nitroaniline

Concen: 34.945 ng

RT: 13.76 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

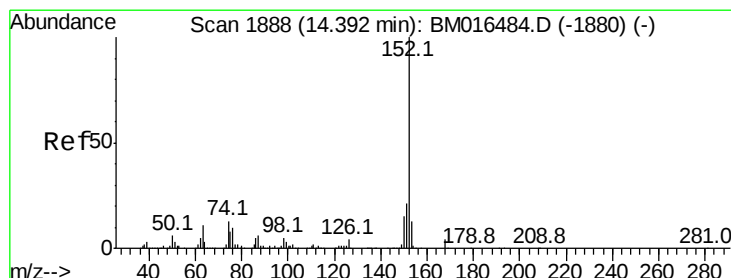
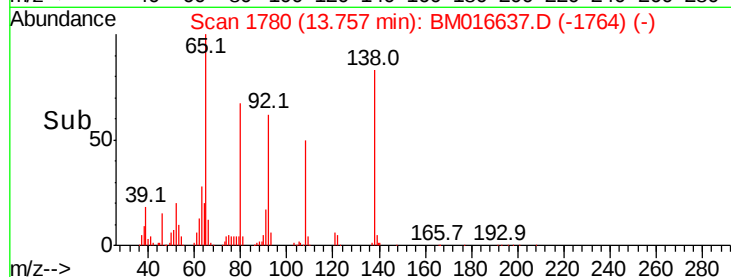
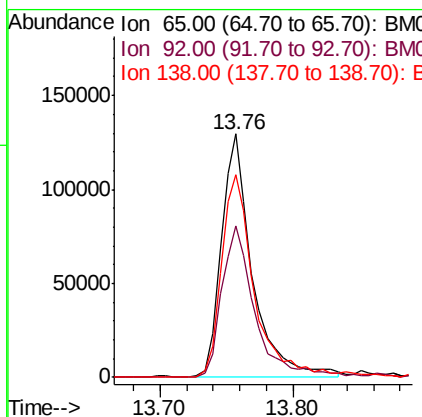
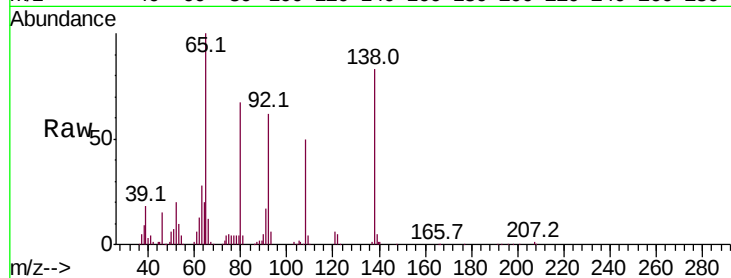
ClientSampleId :

PB112520BS

Tot Ion:	65	Resp:	207916
Ion Ratio	Lower	Upper	
65	100		
92	62.4	59.1	88.7
138	83.3	93.9	140.9#

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#48

Acenaphthylene

Concen: 39.022 ng

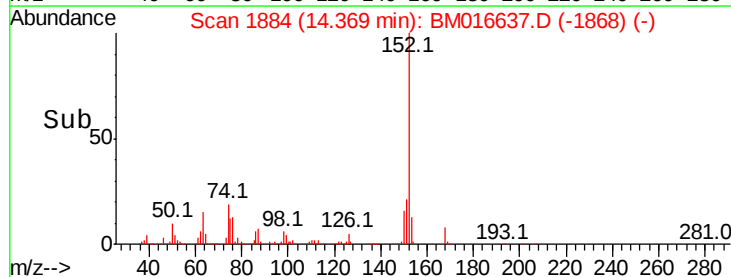
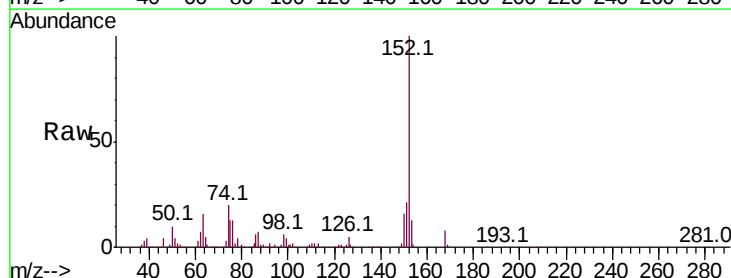
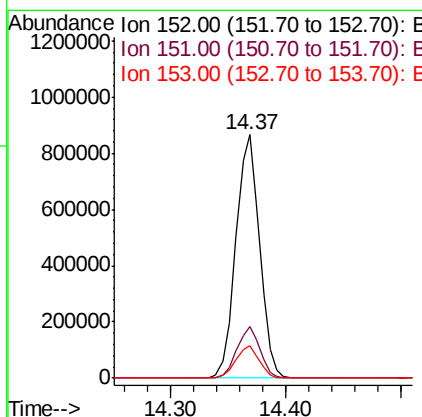
RT: 14.37 min Scan# 1884

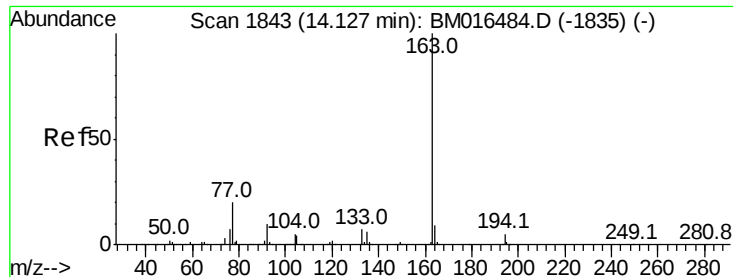
Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	152	Resp:	1230408
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.9	23.9
153	13.3	10.6	16.0





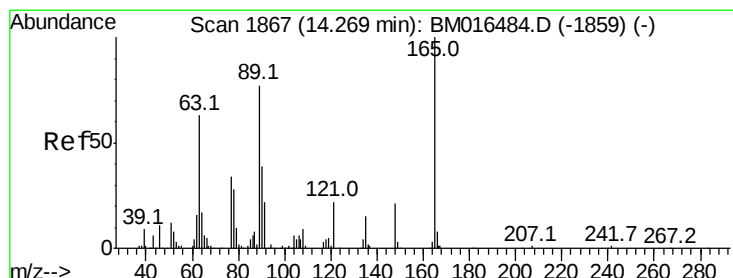
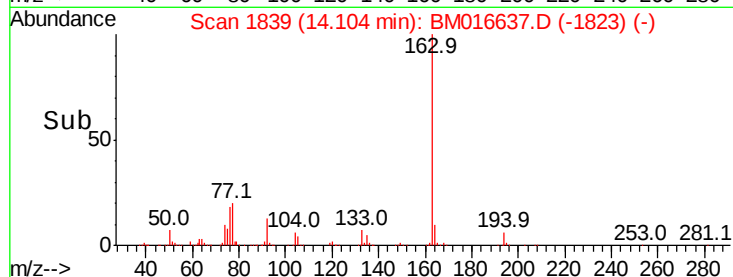
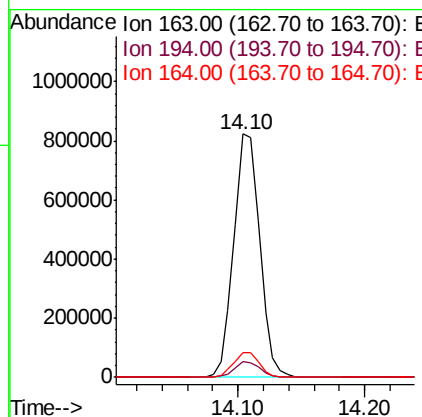
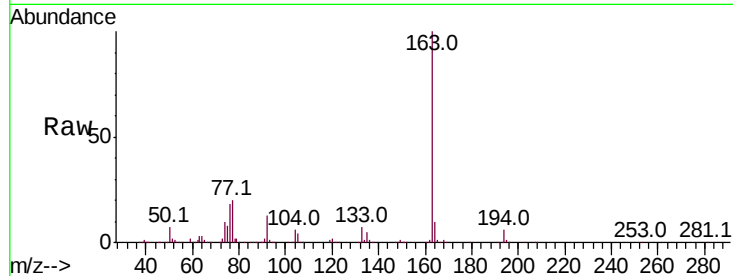
#49
Dimethylphthalate
Concen: 38.612 ng
RT: 14.10 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.3	2.7	4.1#
164	10.0	8.2	12.2

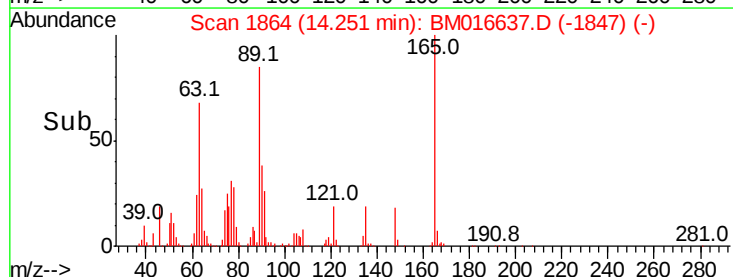
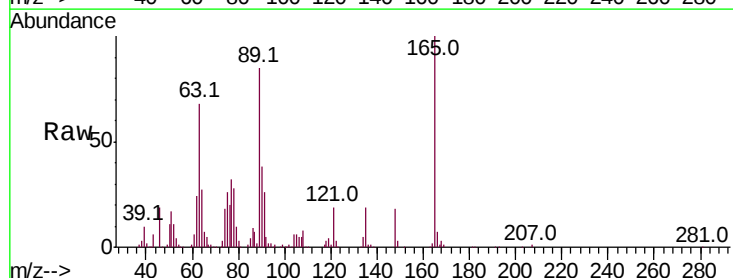
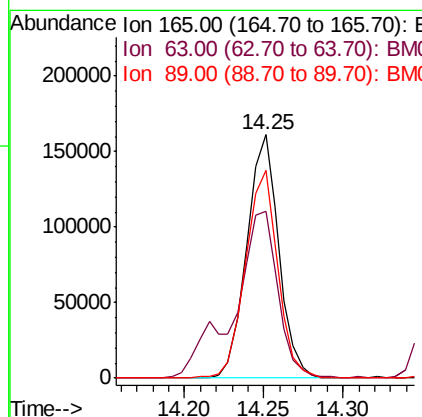
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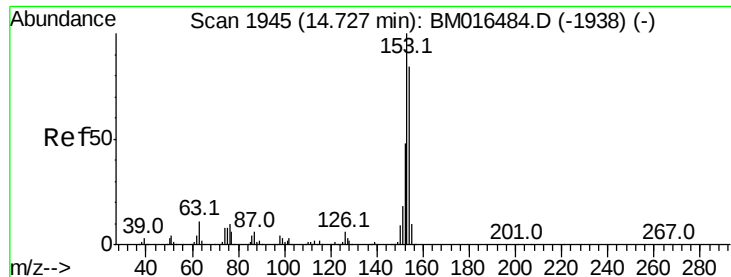
Sohil
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#50
2,6-Dinitrotoluene
Concen: 38.356 ng
RT: 14.25 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.5	44.1	66.1#
89	85.1	44.3	66.5#





#51

Acenaphthene

Concen: 36.399 ng

RT: 14.70 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

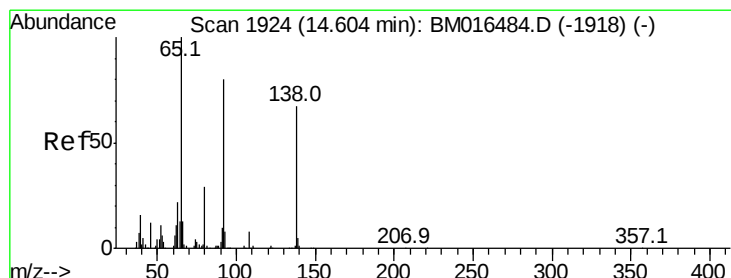
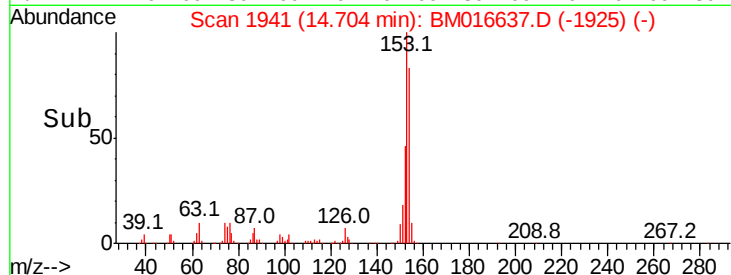
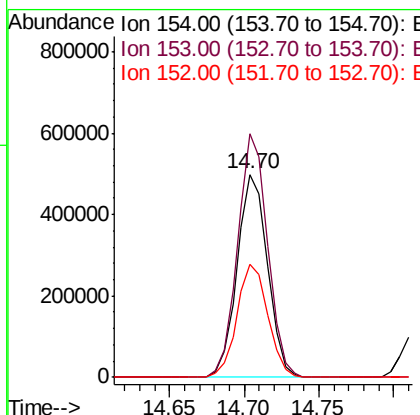
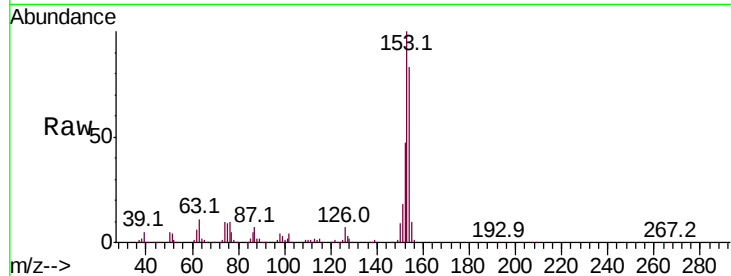
ClientSampleId :

PB112520BS

Tot Ion:	154	Resp:	705112
Ion Ratio	Lower	Upper	
154	100		
153	119.9	90.0	135.0
152	55.8	42.6	63.8

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#52

3-Nitroaniline

Concen: 23.852 ng

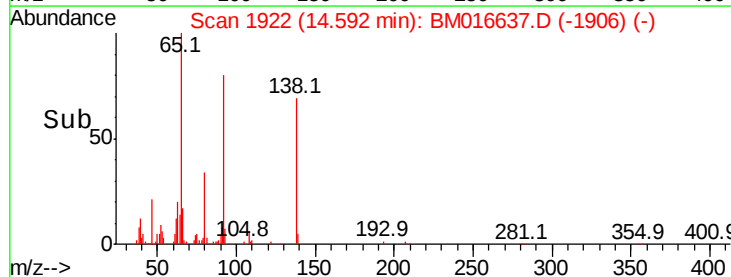
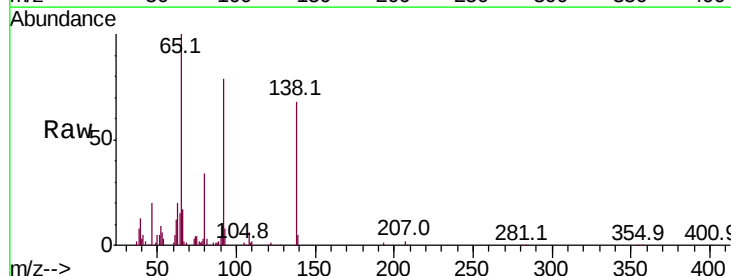
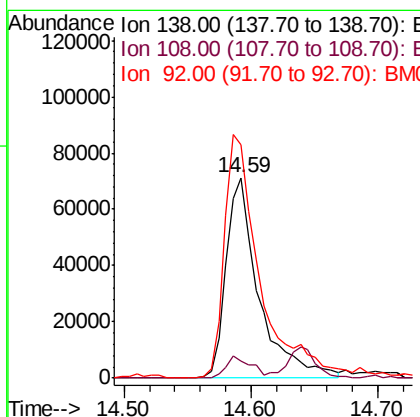
RT: 14.59 min Scan# 1922

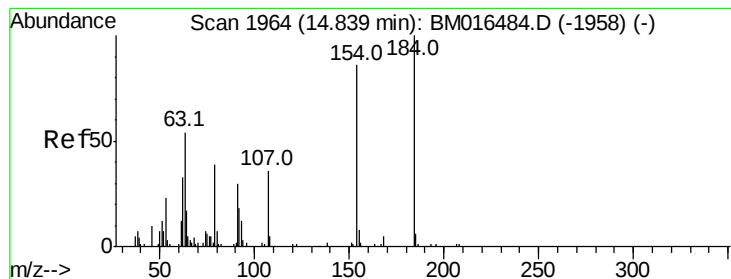
Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	138	Resp:	127526
Ion Ratio	Lower	Upper	
138	100		
108	8.8	7.3	10.9
92	116.6	76.6	114.8#





#53

2,4-Dinitrophenol

Concen: 82.397 ng

RT: 14.82 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

ClientSampleId :

PB112520BS

Tot Ion:184 Resp: 242290

Ion Ratio Lower Upper

184 100

63 56.7 69.2 103.8#

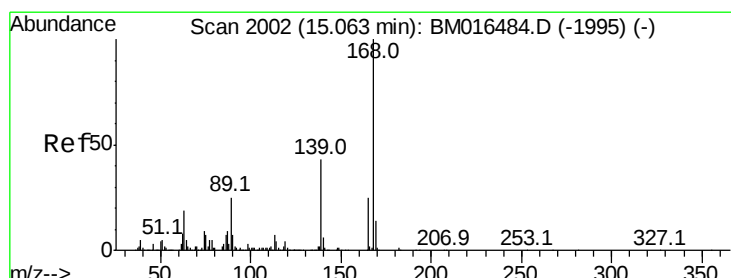
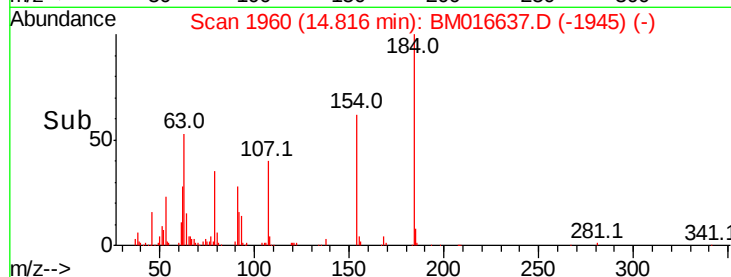
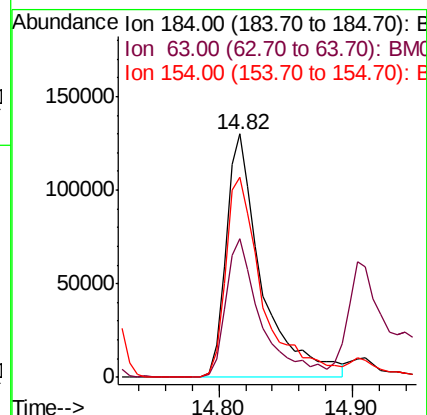
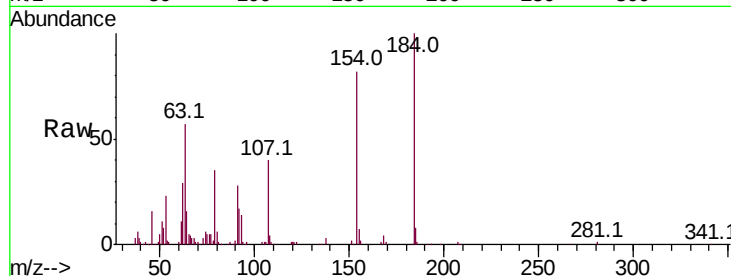
154 82.1 53.3 79.9#

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#54

Dibenzofuran

Concen: 39.453 ng

RT: 15.05 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

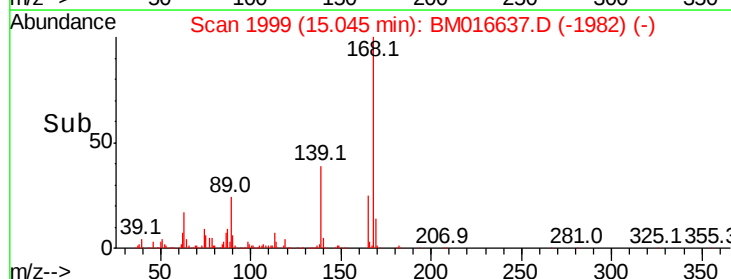
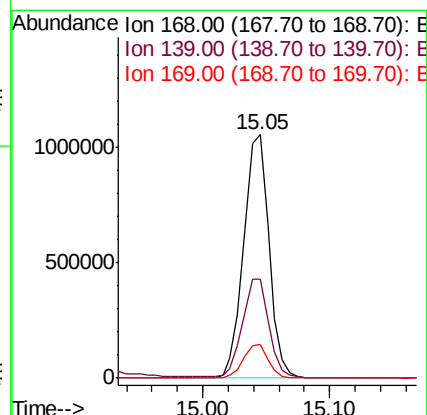
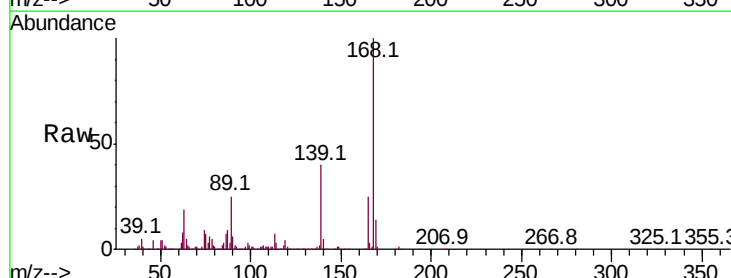
Tgt Ion:168 Resp: 1463031

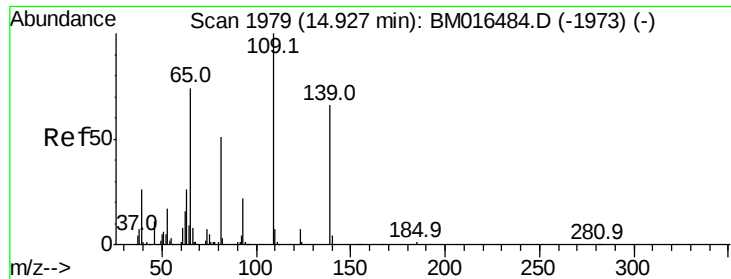
Ion Ratio Lower Upper

168 100

139 40.4 27.3 40.9

169 13.9 10.6 16.0





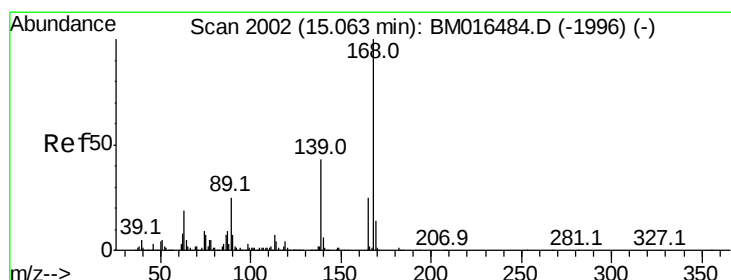
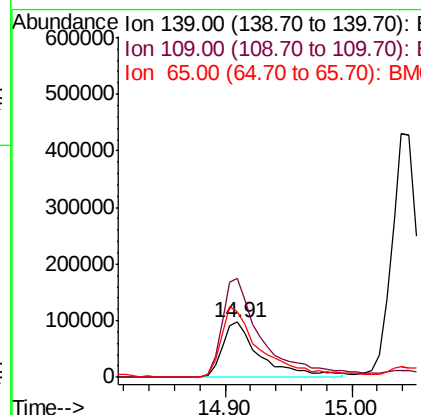
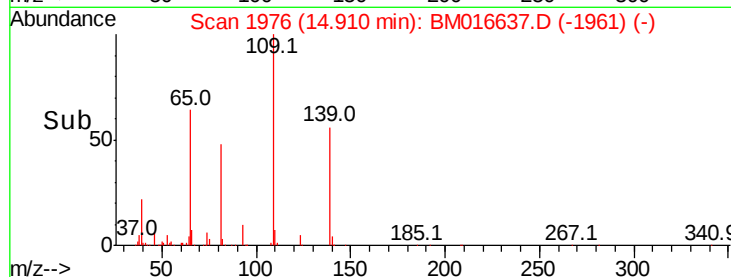
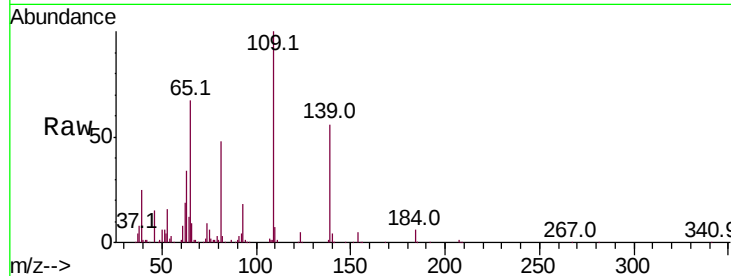
#55
4-Nitrophenol
Concen: 59.960 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	178.6	130.0	170.0#	
65	118.9	130.0	170.0#	

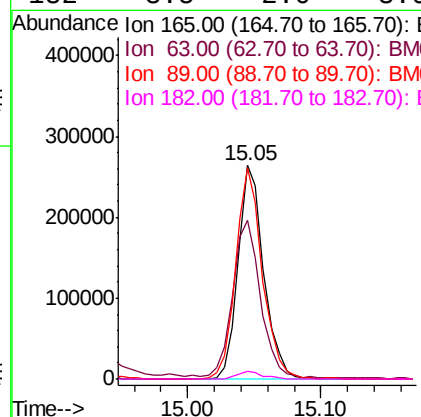
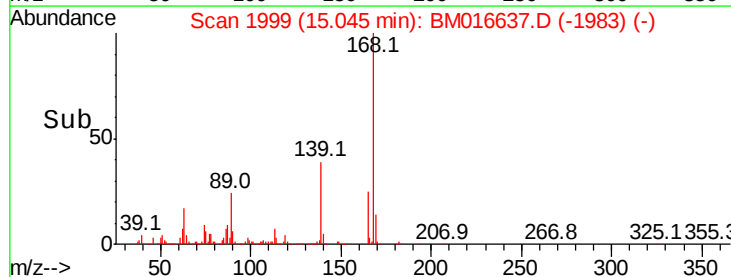
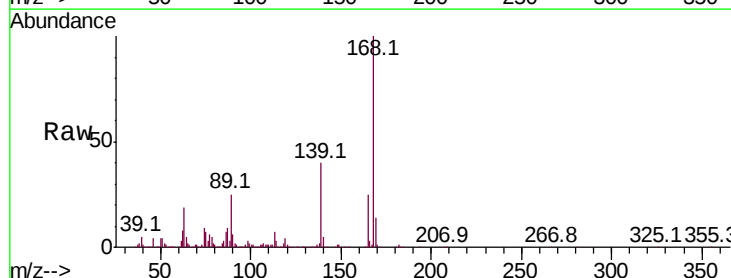
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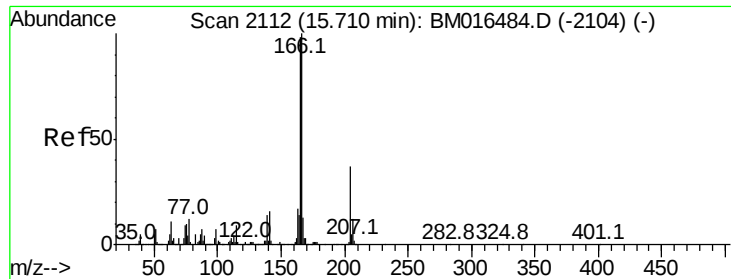
Sohil
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#56
2,4-Dinitrotoluene
Concen: 36.181 ng
RT: 15.05 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.2	52.4	78.6	
89	98.9	72.4	108.6	
182	3.5	2.0	3.0#	





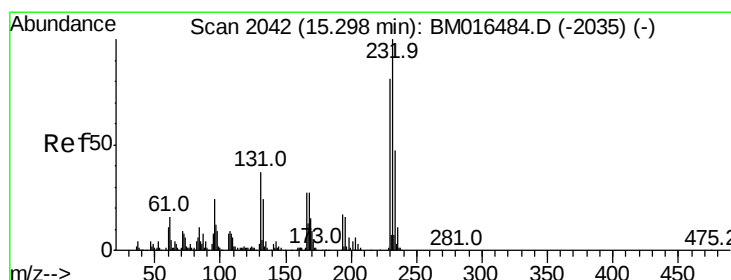
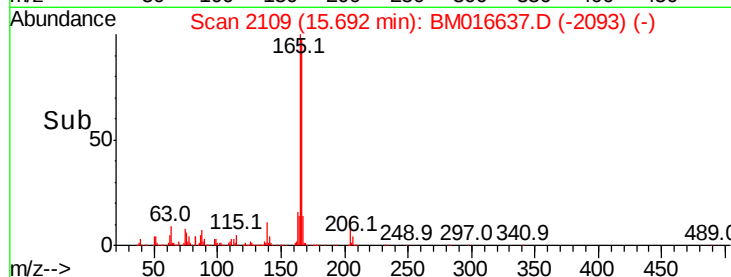
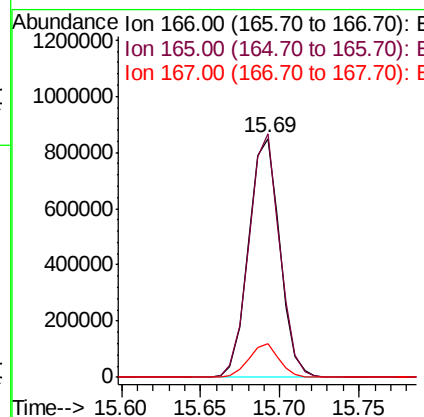
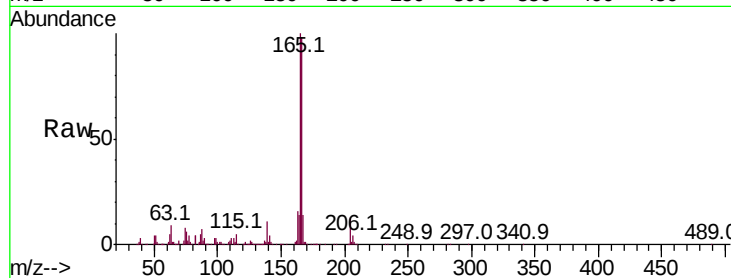
#57
 Fluorene
 Concen: 41.435 ng
 RT: 15.69 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.0	118.4
167	13.9	10.3	15.5

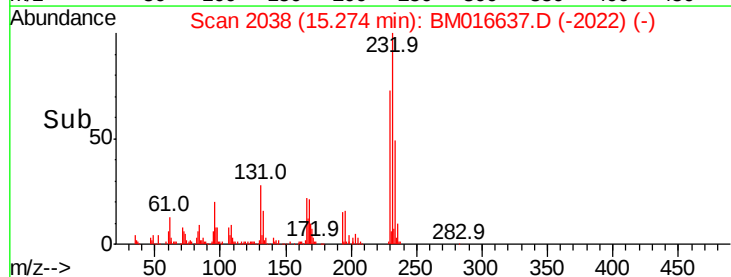
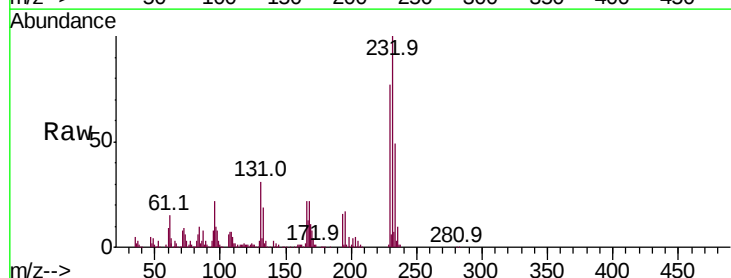
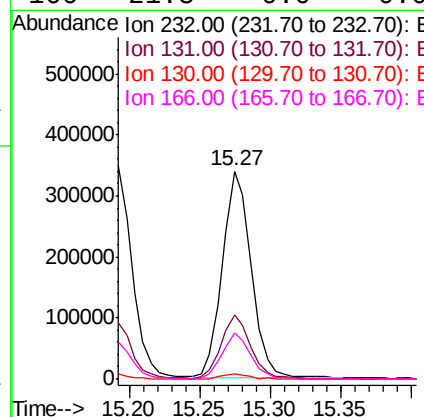
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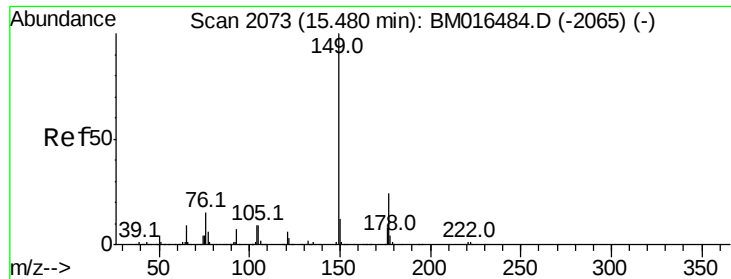
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.413 ng
 RT: 15.27 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	31.2	0.0	0.0#
130	2.5	0.0	0.0#
166	21.8	0.0	0.0#





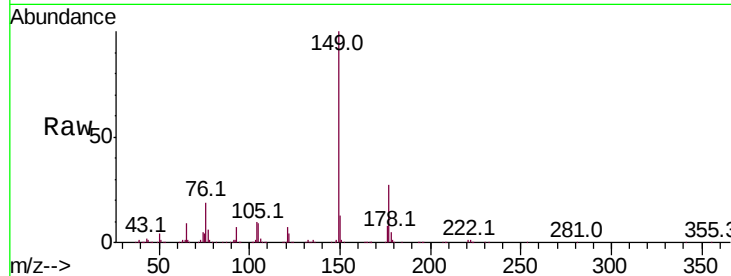
#59
Diethylphthalate
Concen: 36.357 ng
RT: 15.46 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	27.1	18.3	27.5
150	12.5	9.8	14.8

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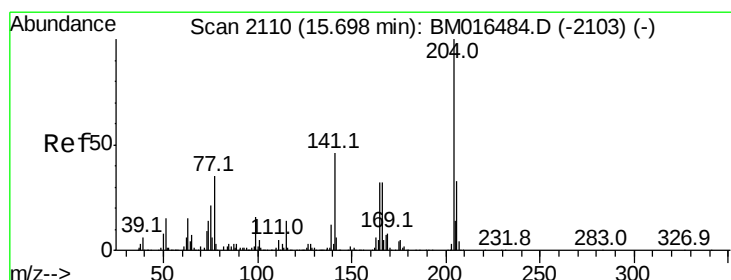
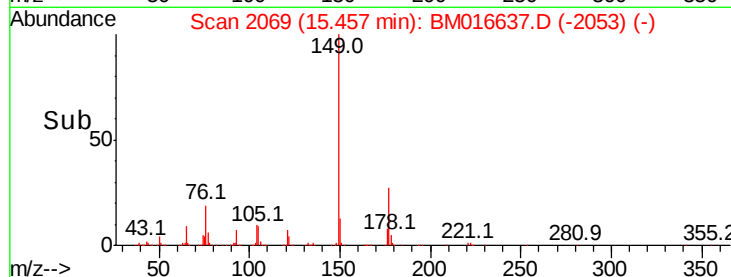
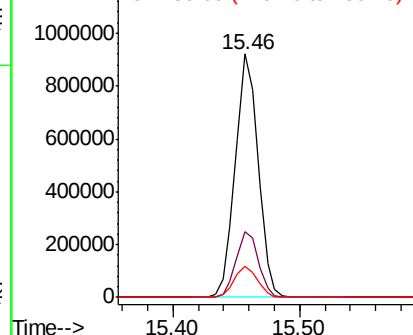


Abundance

Ion 149.00 (148.70 to 149.70): E

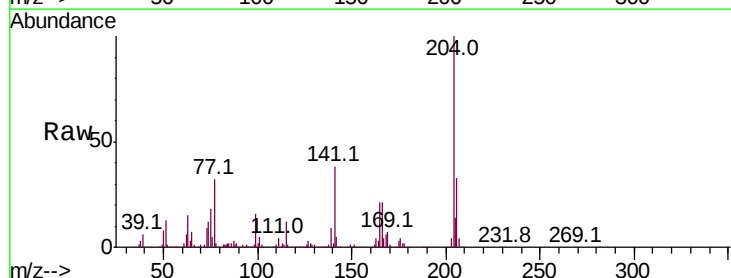
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 44.592 ng
RT: 15.67 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	37.5	45.2	67.8#

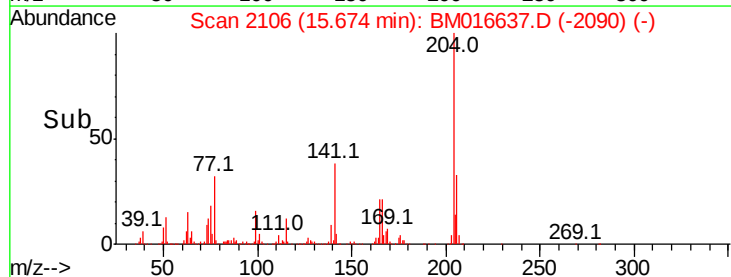
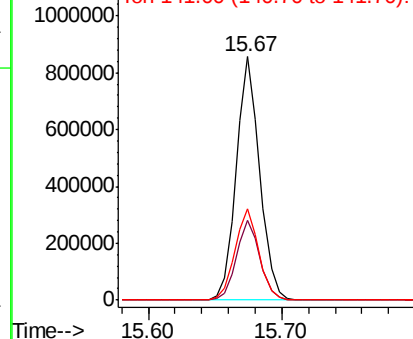


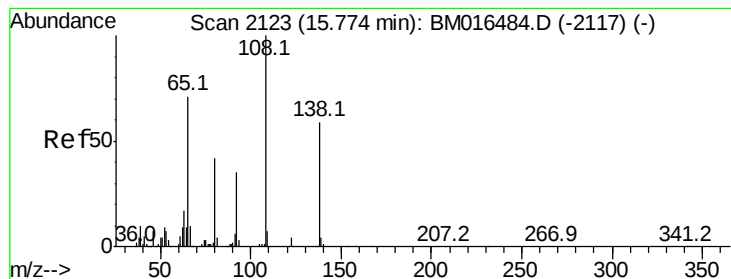
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





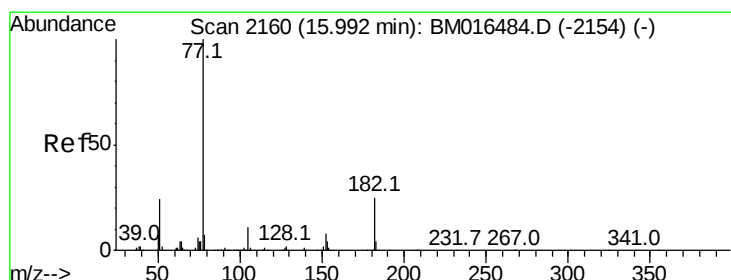
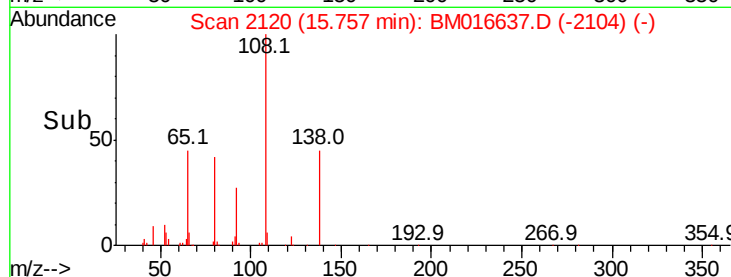
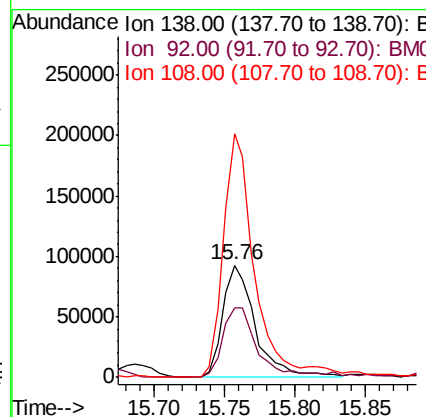
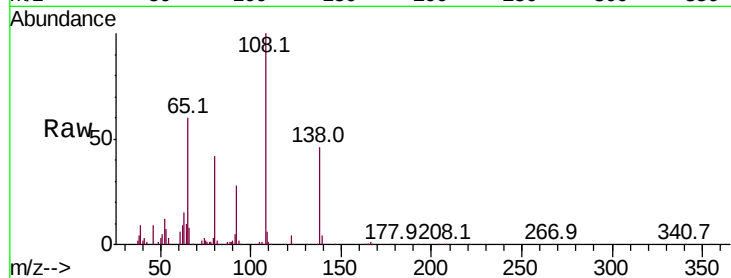
#61
4-Nitroaniline
Concen: 28.434 ng
RT: 15.76 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.5	16.7	56.7#
108	217.4	37.6	77.6#

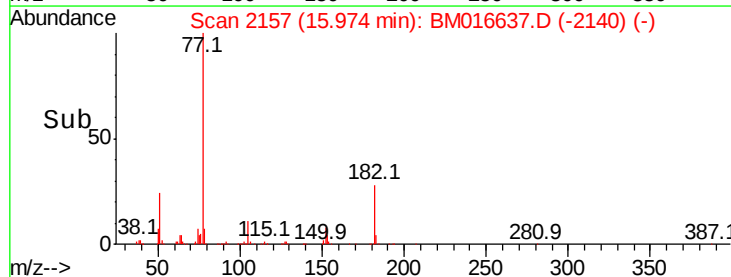
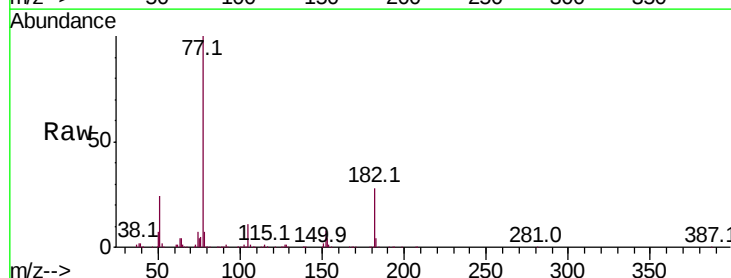
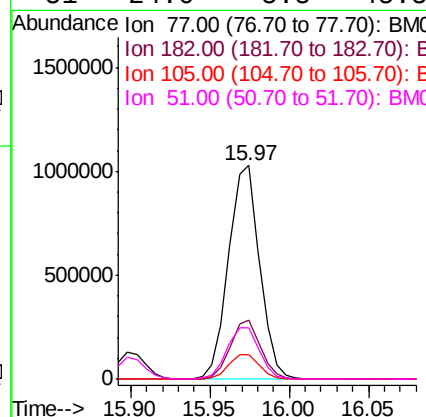
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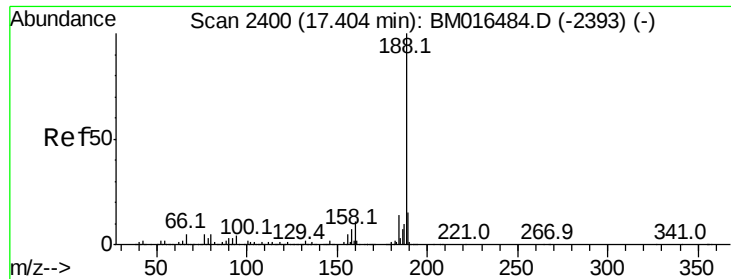
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#62
Azobenzene
Concen: 41.781 ng
RT: 15.97 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.5	46.5
105	11.2	3.8	43.8
51	24.0	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

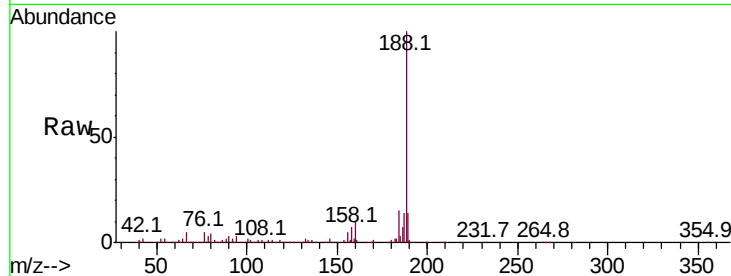
ClientSampleId :

PB112520BS

Tot Ion:	188	Resp:	996062
Ion Ratio	Lower	Upper	
188	100		
94	3.2	8.7	13.1#
80	3.8	9.3	13.9#

Manual Integrations
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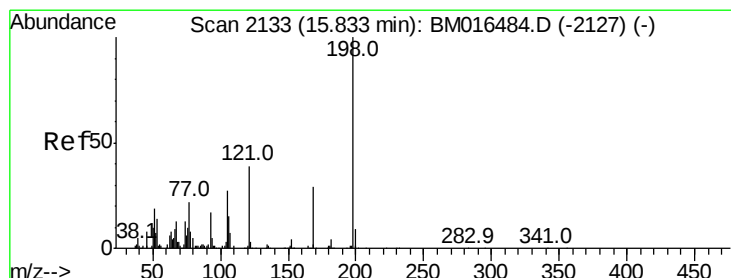
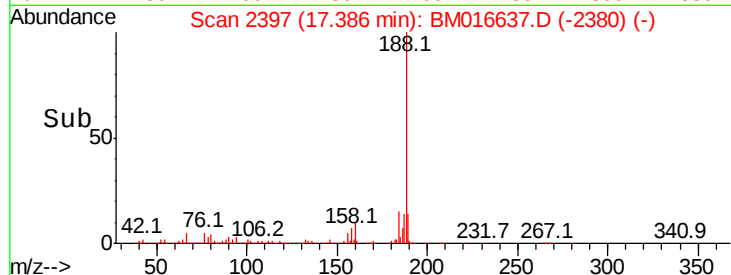
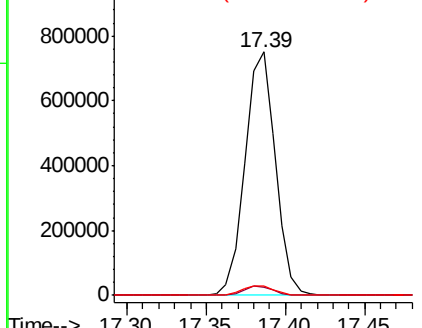
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.935 ng

RT: 15.82 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BM016637.D

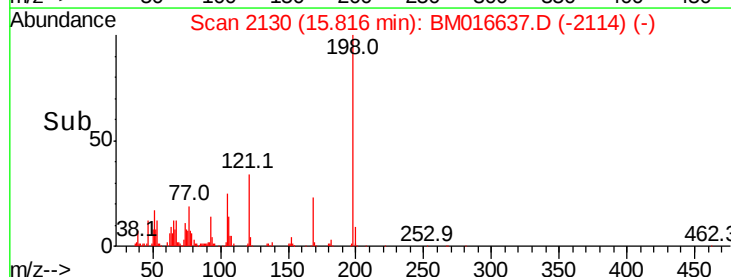
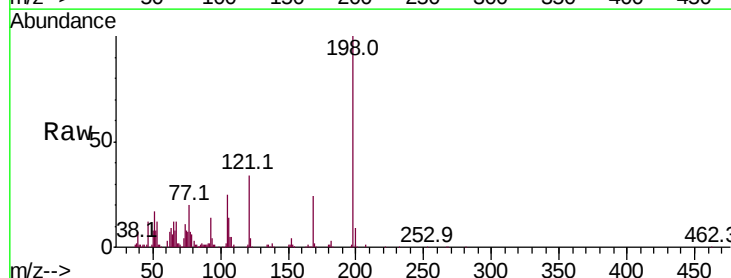
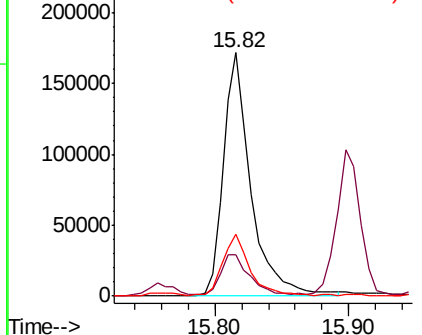
Acq: 31 Aug 2018 14:50

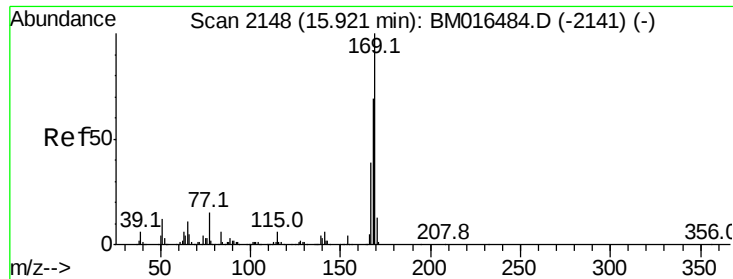
Tgt Ion:	198	Resp:	249265
Ion Ratio	Lower	Upper	
198	100		
51	17.0	28.8	68.8#
105	25.2	30.5	70.5#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





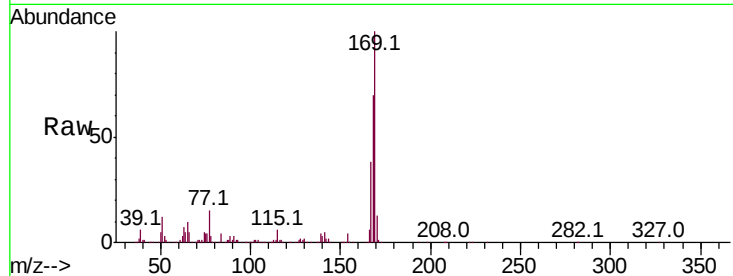
#65
n-Nitrosodiphenylamine
Concen: 35.456 ng
RT: 15.90 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	993529		
168	70.0		53.9	80.9
167	38.1		28.9	43.3

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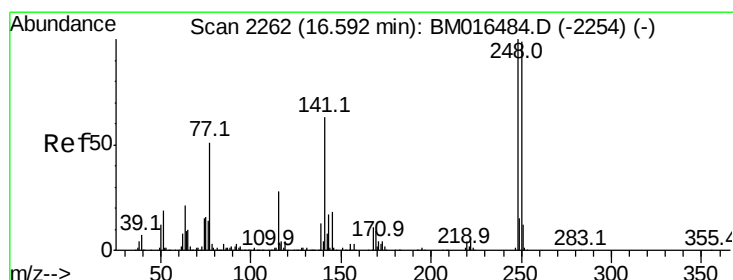
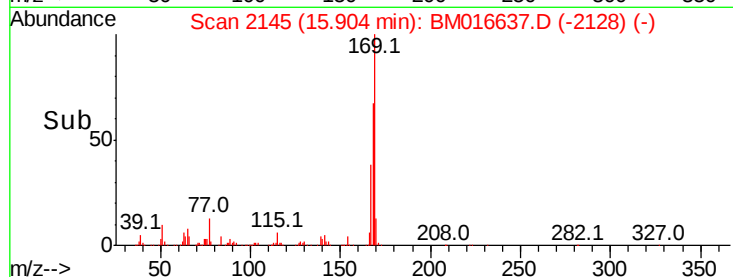
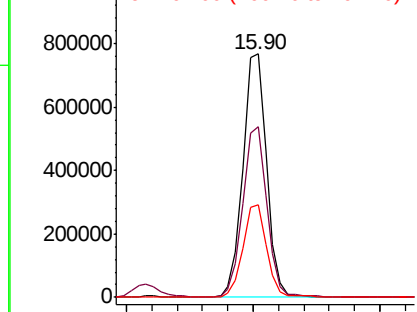


Abundance

Ion 169.00 (168.70 to 169.70): E

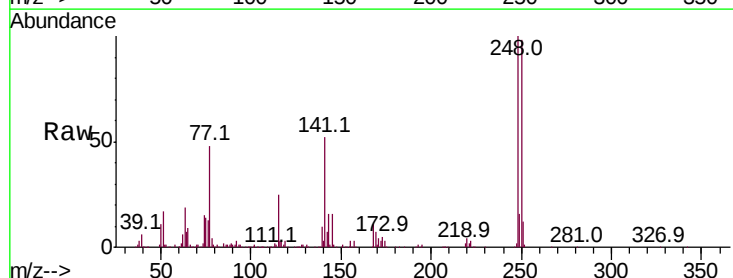
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 43.226 ng
RT: 16.57 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	661574		
250	97.9		77.4	116.0
141	51.6		45.2	67.8

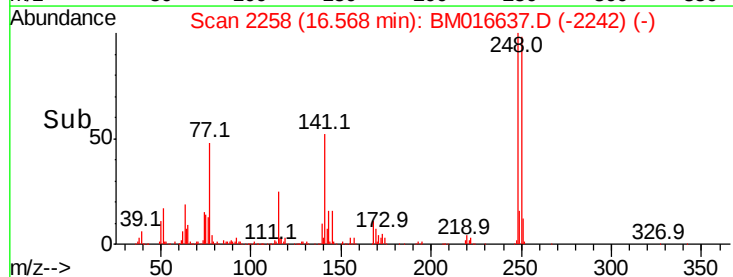
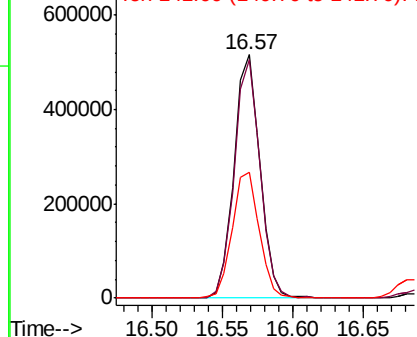


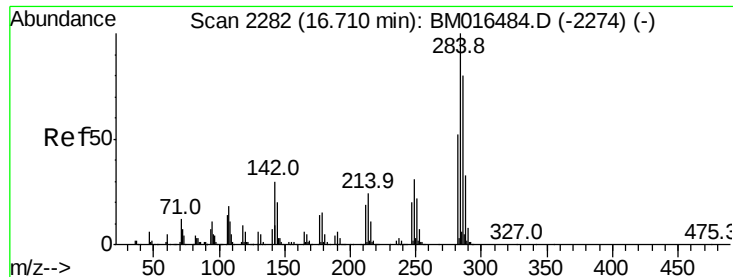
Abundance

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: 40.938 ng

RT: 16.69 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

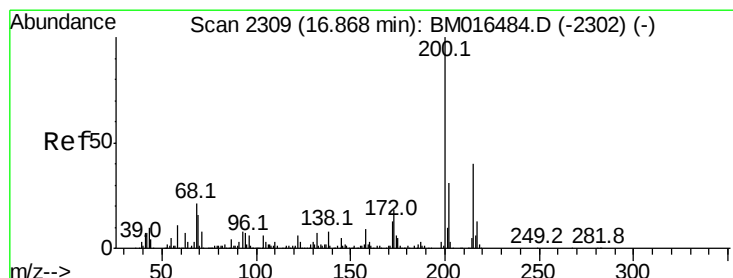
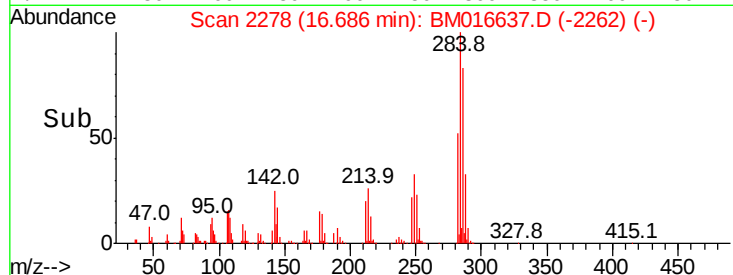
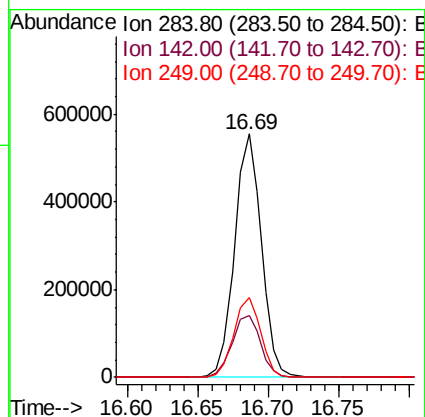
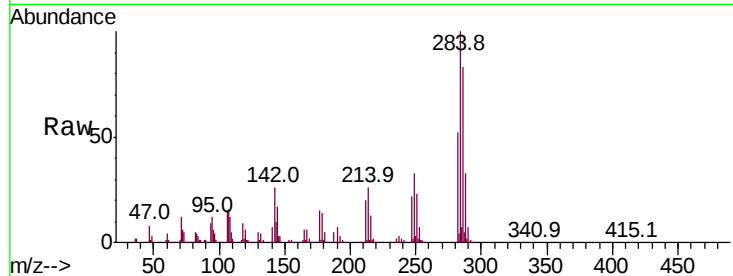
ClientSampleId :

PB112520BS

Tot Ion:	284	Resp:	730677
Ion Ratio	Lower	Upper	
284	100		
142	25.5	20.4	30.6
249	32.7	23.8	35.6

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#68

Atrazine

Concen: 47.560 ng

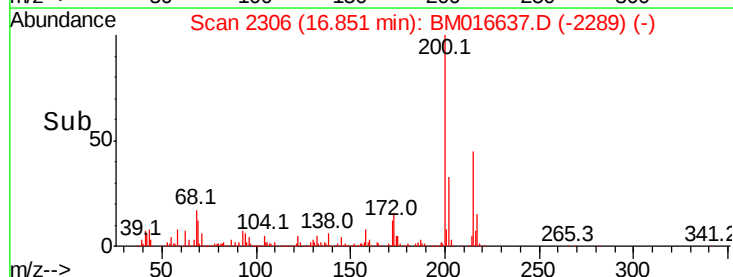
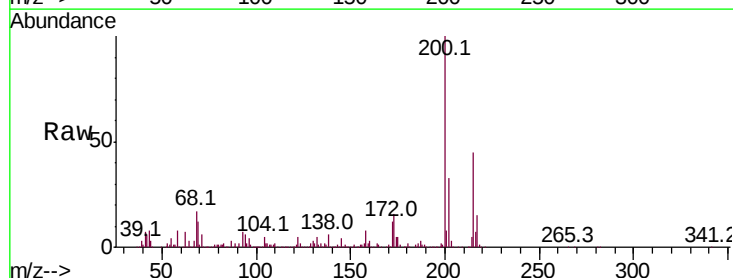
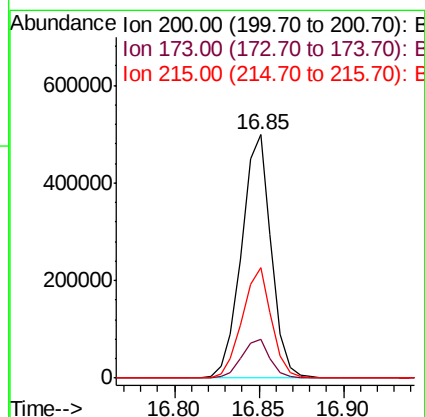
RT: 16.85 min Scan# 2306

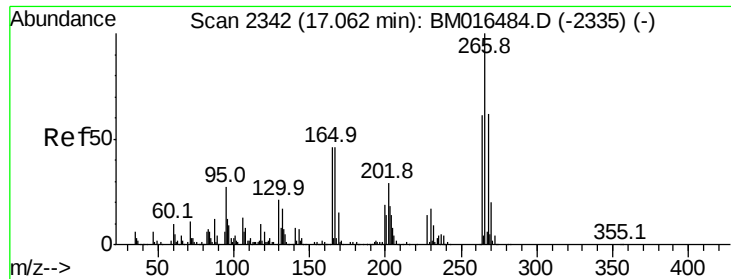
Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	200	Resp:	608202
Ion Ratio	Lower	Upper	
200	100		
173	15.8	4.8	44.8
215	45.3	26.9	66.9





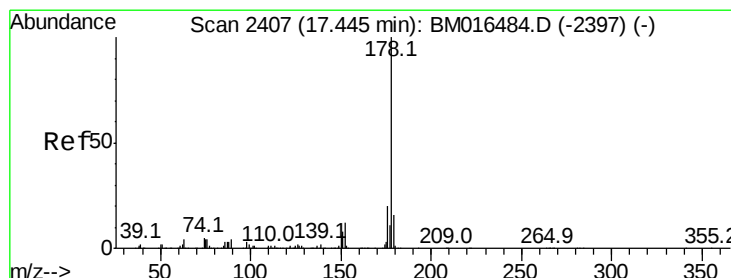
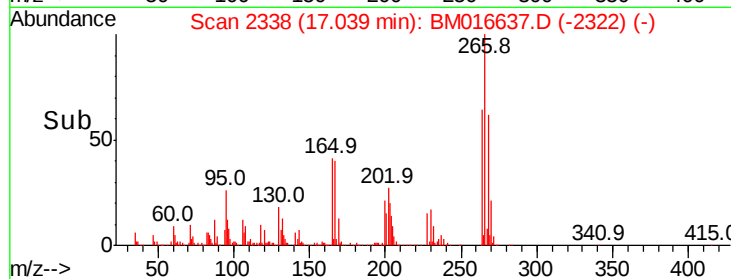
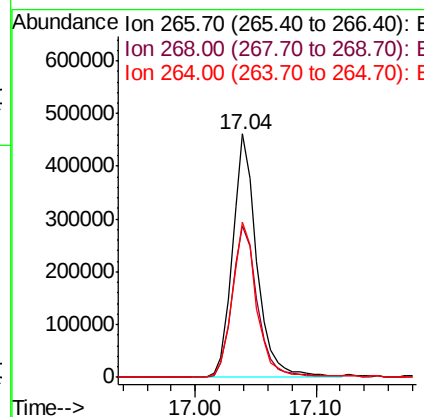
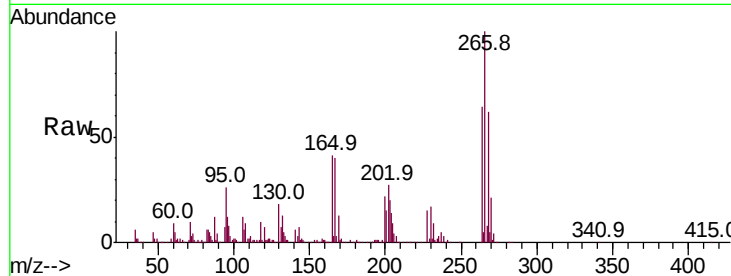
#69
 Pentachlorophenol
 Concen: 68.499 ng
 RT: 17.04 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	646878		
268	62.1	52.0	78.0	
264	63.8	49.0	73.4	

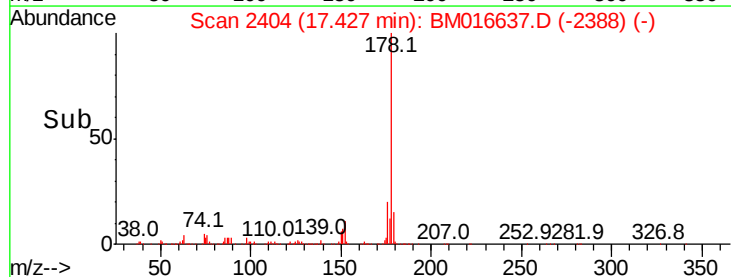
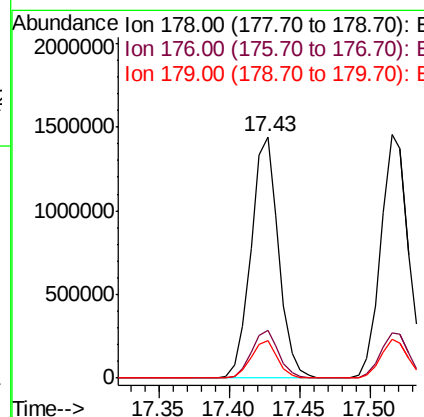
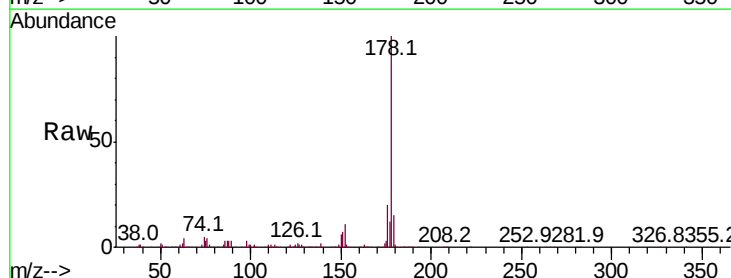
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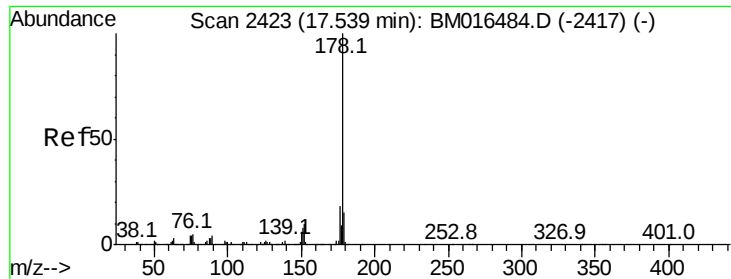
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#70
 Phenanthrene
 Concen: 38.286 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1971036		
176	19.9	15.2	22.8	
179	15.3	12.1	18.1	





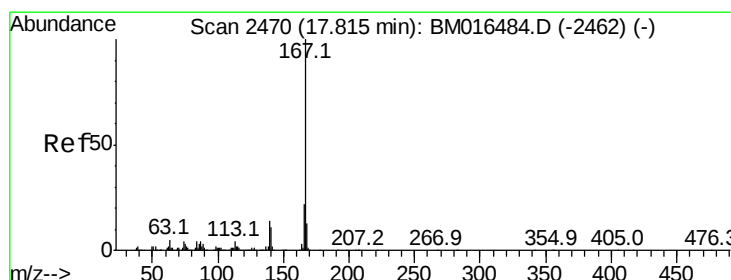
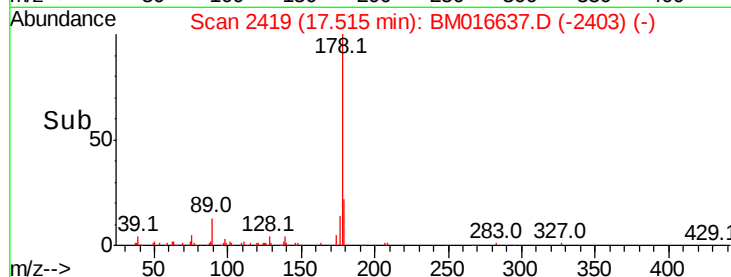
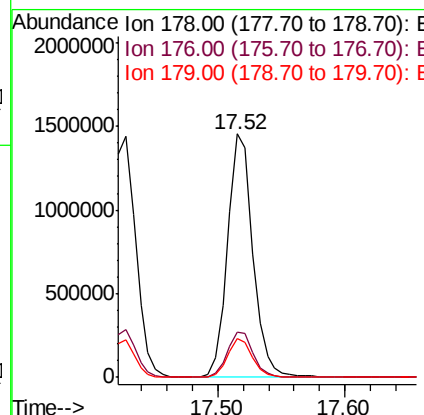
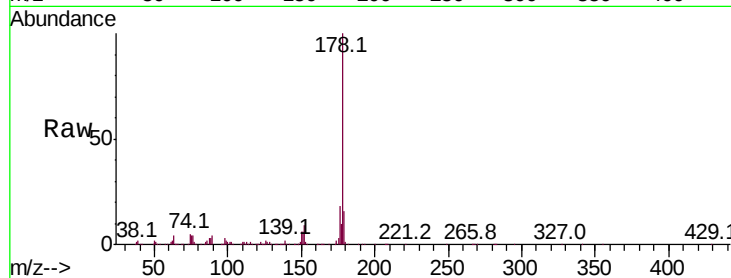
#71
 Anthracene
 Concen: 39.173 ng
 RT: 17.52 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.7	12.6	19.0

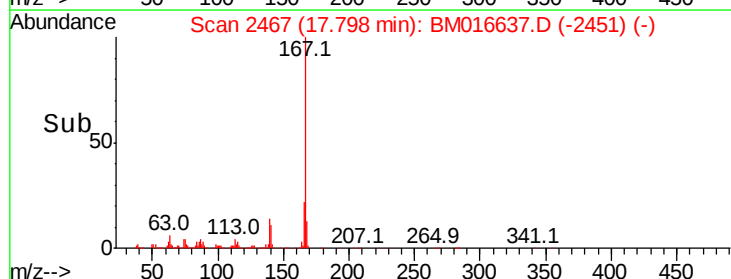
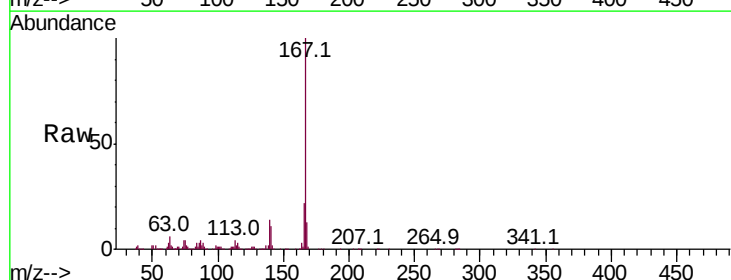
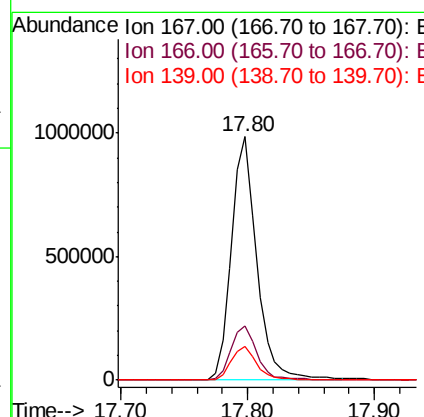
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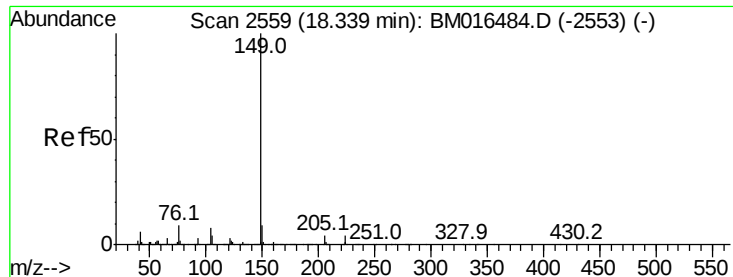
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#72
 Carbazole
 Concen: 29.630 ng
 RT: 17.80 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	14.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 33.634 ng

RT: 18.32 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

ClientSampleId :

PB112520BS

Tot Ion:149 Resp: 1883812

Ion Ratio Lower Upper

149 100

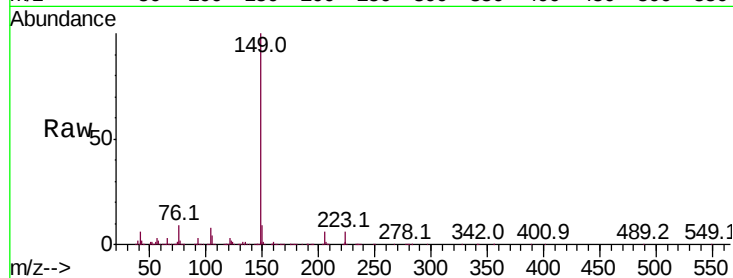
150 9.0 7.5 11.3

104 7.9 3.7 5.5#

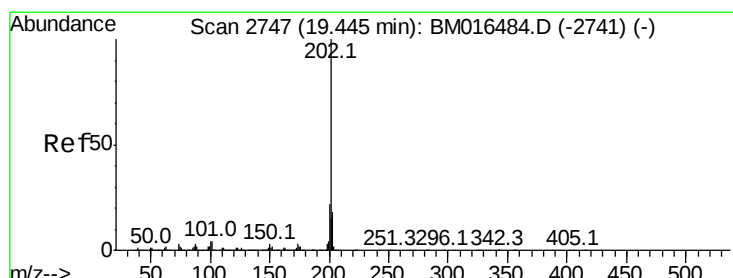
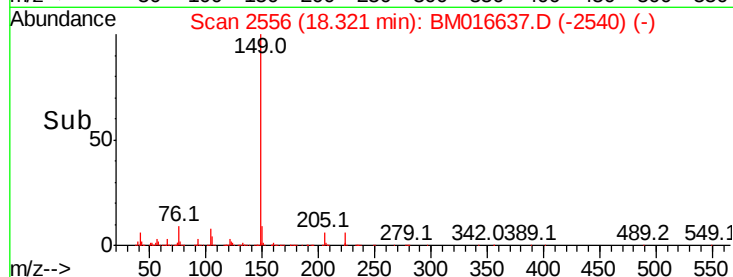
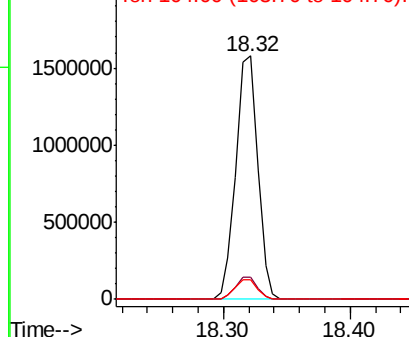
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.013 ng

RT: 19.43 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

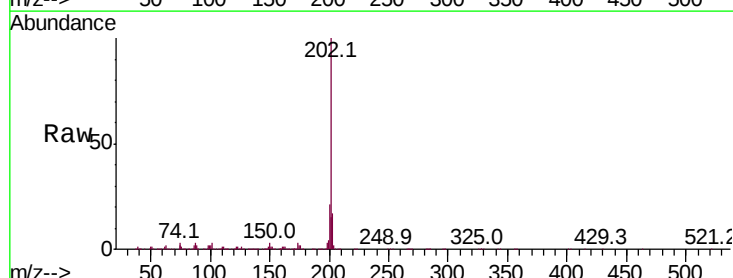
Tgt Ion:202 Resp: 2944898

Ion Ratio Lower Upper

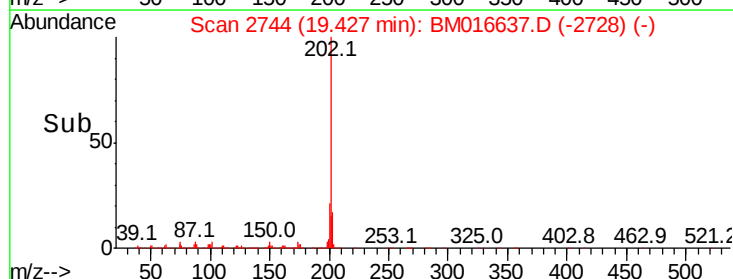
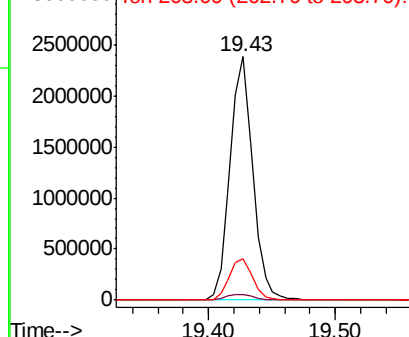
202 100

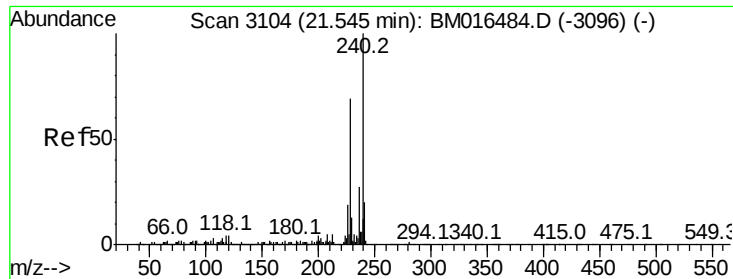
101 2.5 0.0 28.7

203 17.1 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

ClientSampleId :

PB112520BS

Tot Ion:240 Resp: 1404372

Ion Ratio Lower Upper

240 100

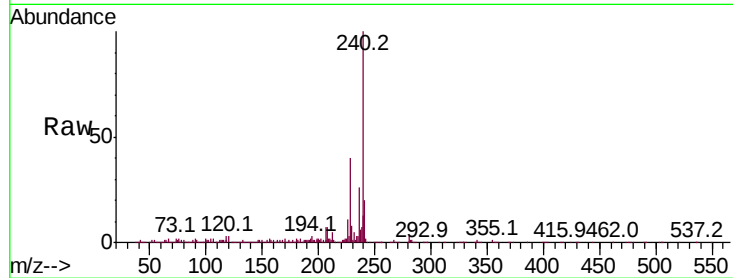
120 2.9 8.2 12.2#

236 26.0 20.0 30.0

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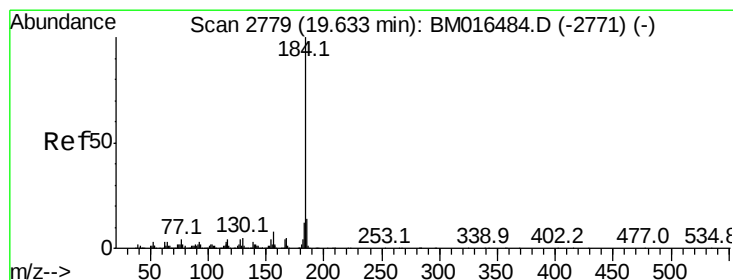
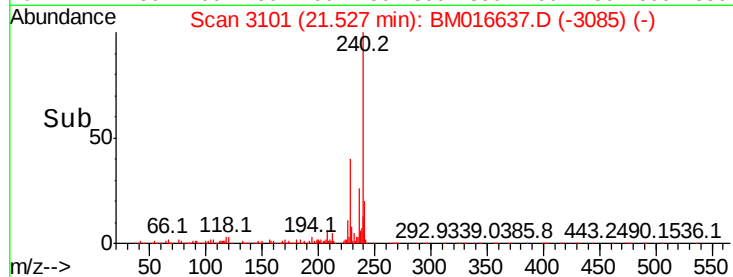
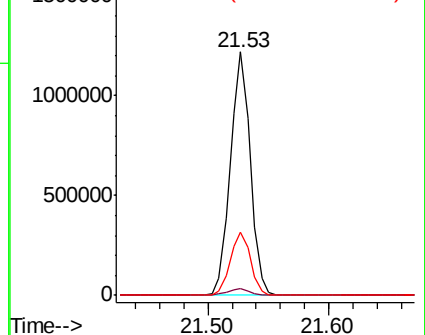
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.670 ng

RT: 19.62 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

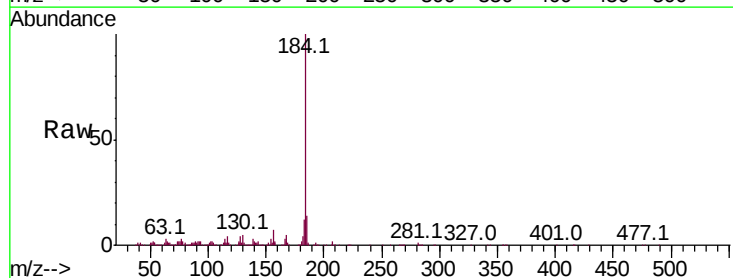
Tgt Ion:184 Resp: 936363

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

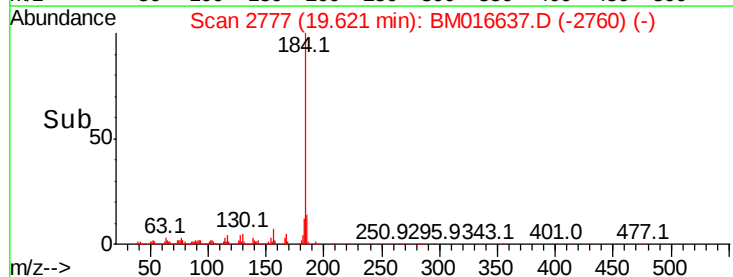
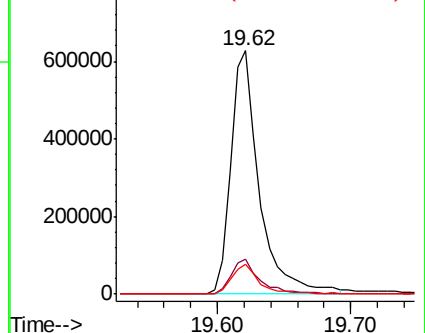
183 12.4 8.9 13.3

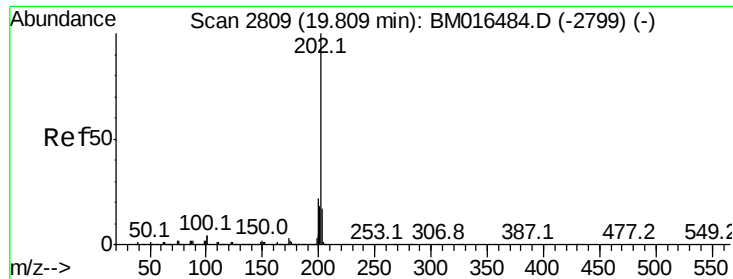


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.172 ng

RT: 19.79 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

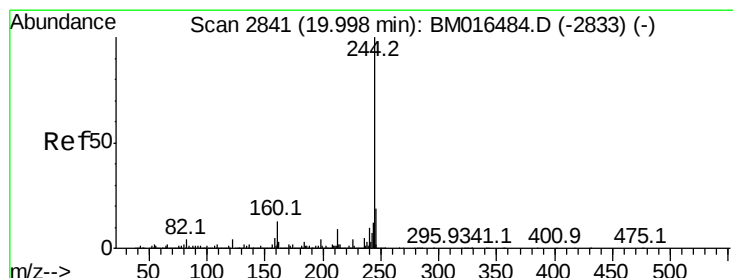
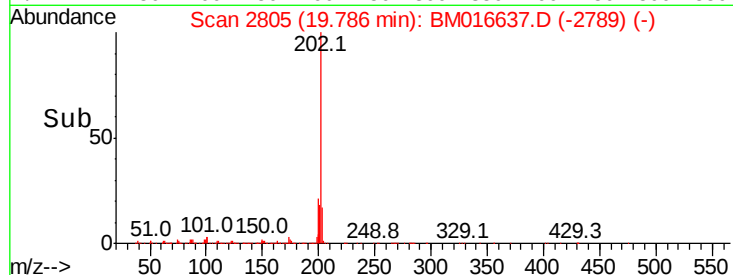
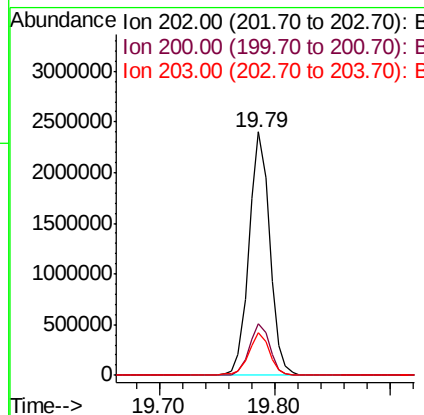
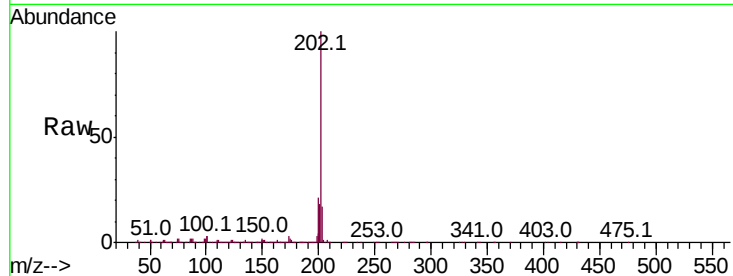
ClientSampleId :

PB112520BS

Tot Ion:	202	Resp:	2989704
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	14.1	21.1

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#78

Terphenyl-d14

Concen: 82.855 ng

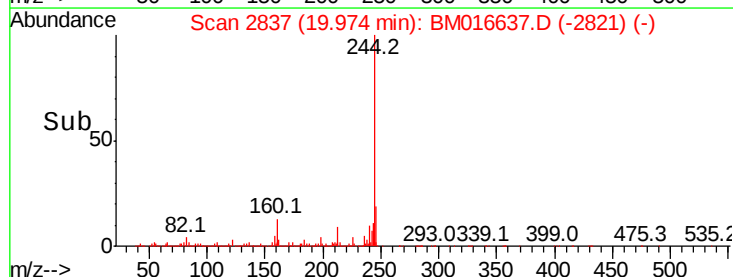
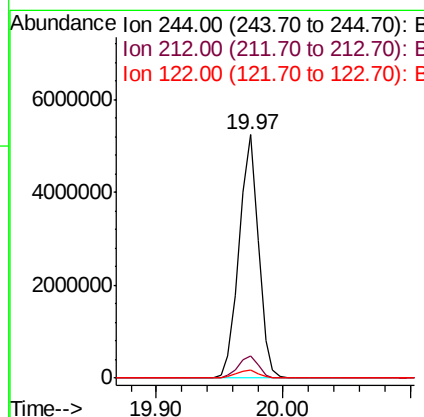
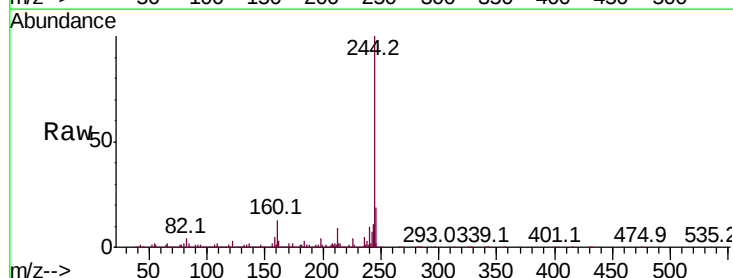
RT: 19.97 min Scan# 2837

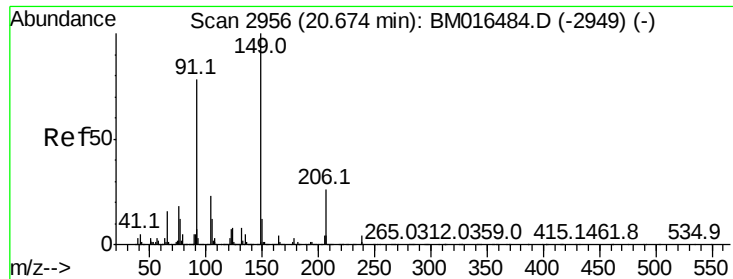
Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	244	Resp:	5497557
Ion	Ratio	Lower	Upper
244	100		
212	9.4	4.9	7.3#
122	3.4	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 33.303 ng

RT: 20.65 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

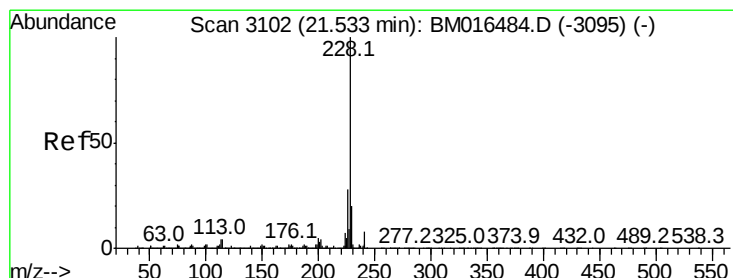
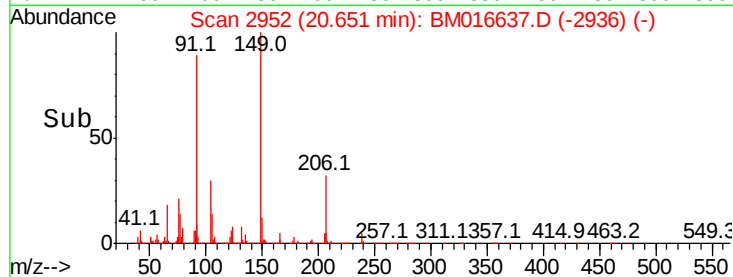
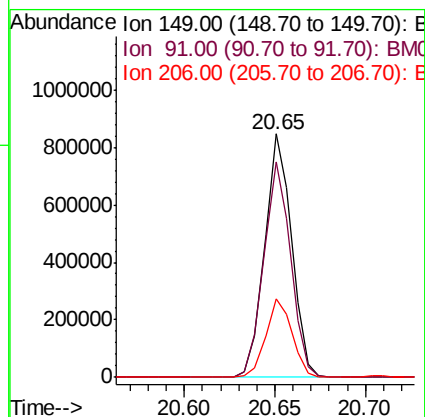
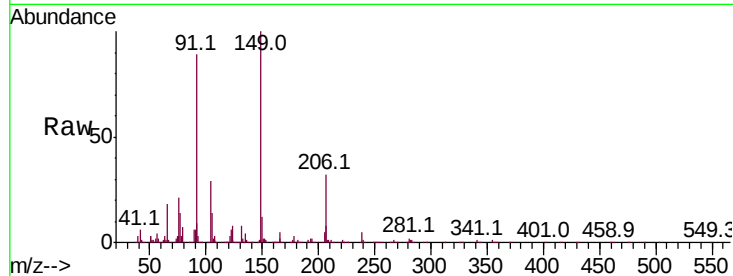
ClientSampleId :

PB112520BS

Tot Ion:	149	Resp:	877364
Ion Ratio	Lower	Upper	
149	100		
91	88.7	50.1	75.1#
206	32.4	16.2	24.2#

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#80

Benzo(a)anthracene

Concen: 38.665 ng

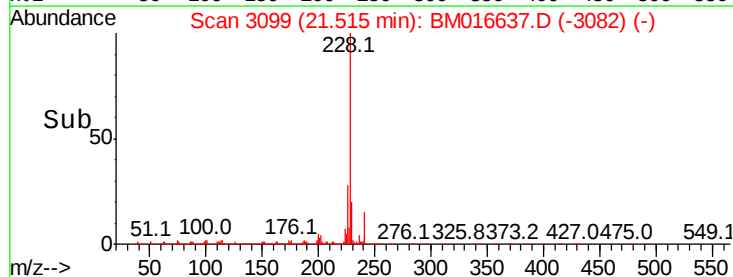
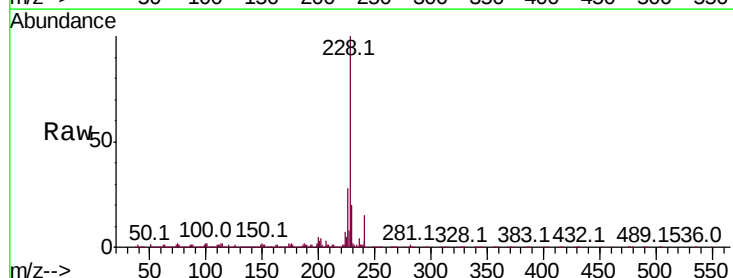
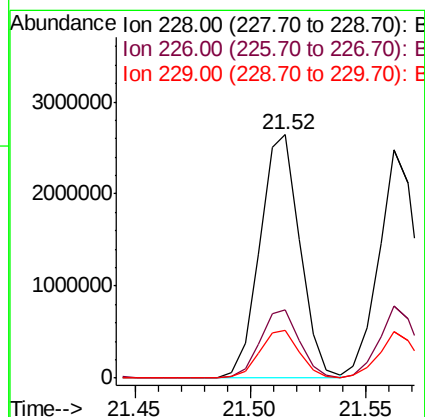
RT: 21.52 min Scan# 3099

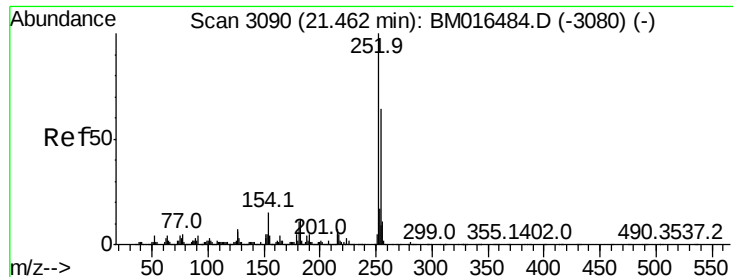
Delta R.T. 0.00 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion:	228	Resp:	3192356
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.7	32.5
229	19.8	16.0	24.0





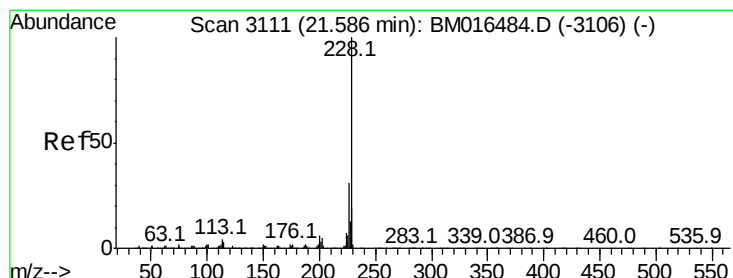
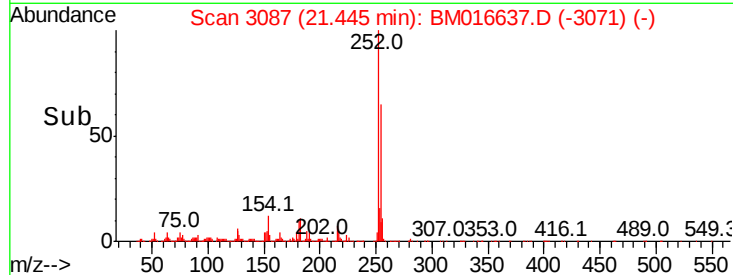
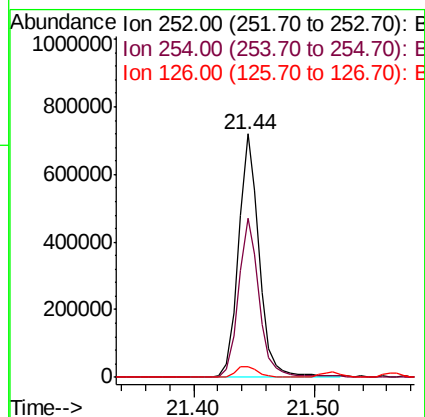
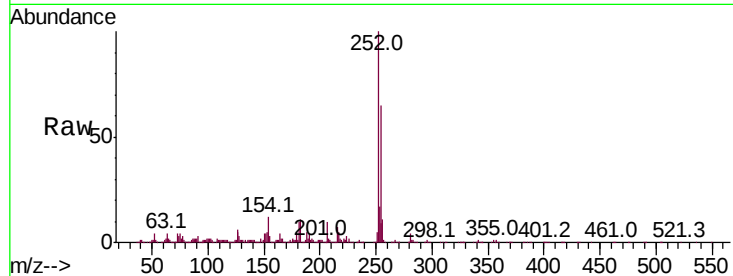
#81
 3,3'-Dichlorobenzidine
 Concen: 23.298 ng
 RT: 21.44 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	4.6	9.8	14.8

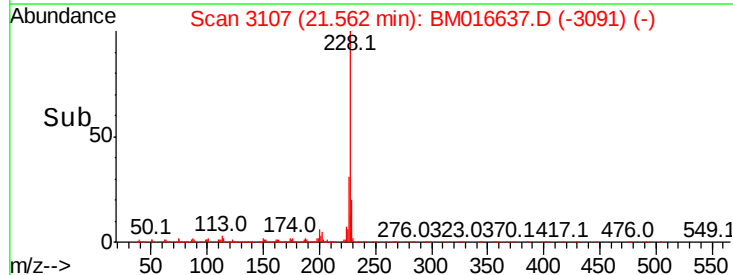
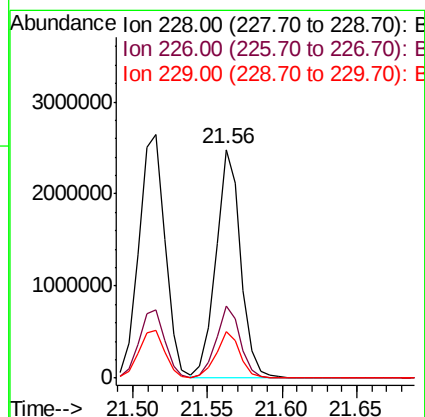
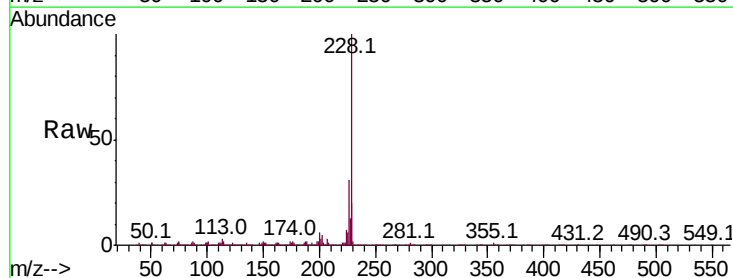
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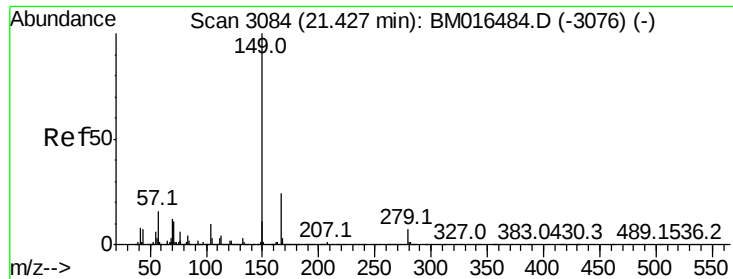
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#82
 Chrysene
 Concen: 36.317 ng
 RT: 21.56 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	20.3	15.5	23.3





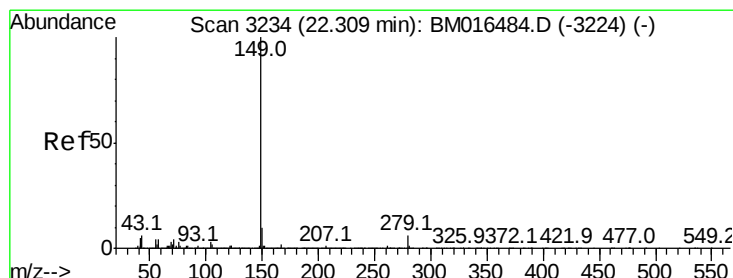
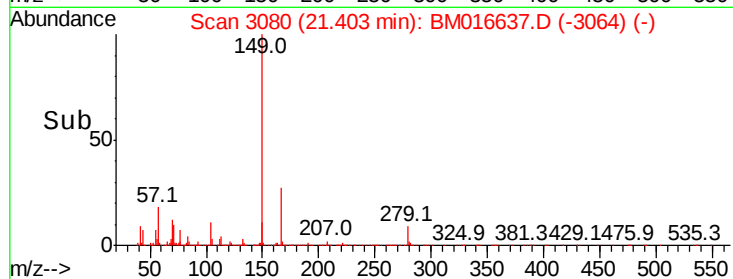
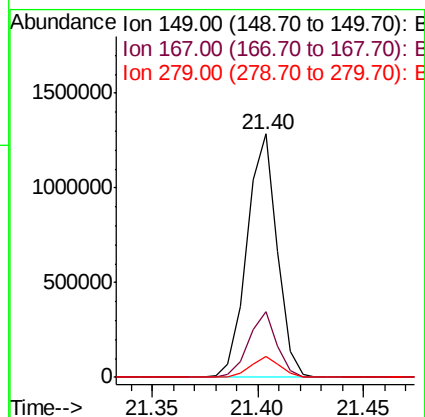
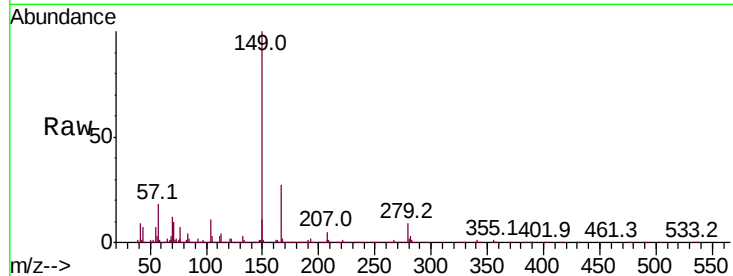
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.426 ng
 RT: 21.40 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.4	33.6
279	8.7	3.4	5.0

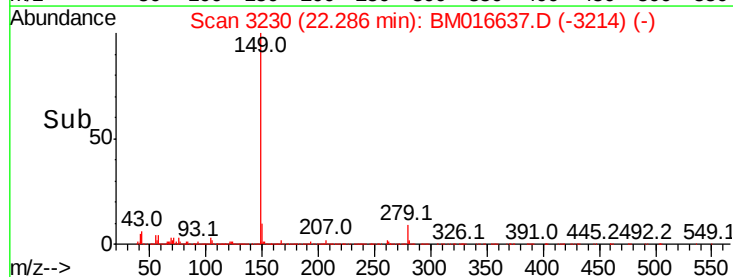
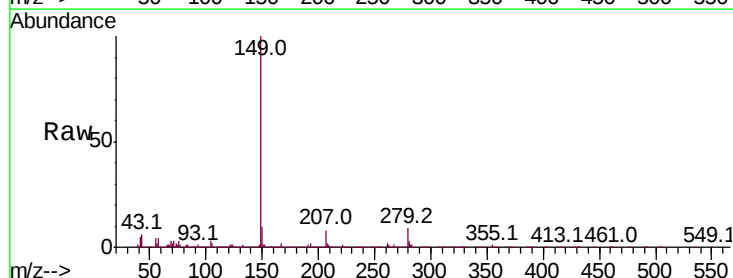
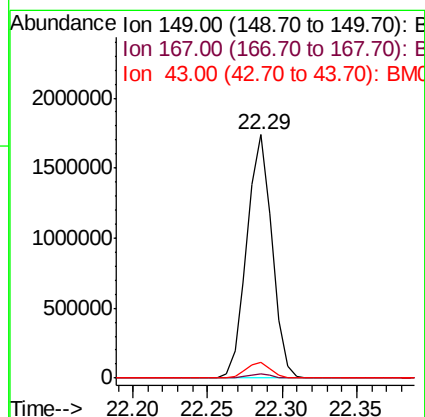
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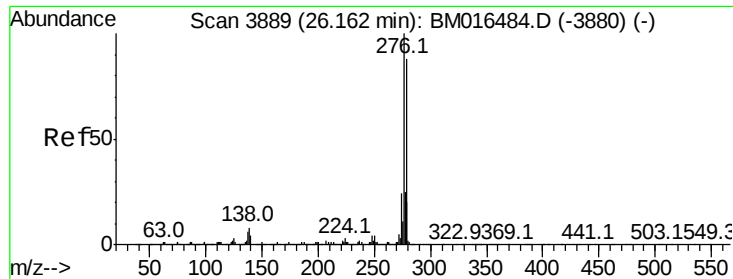
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 30.904 ng
 RT: 22.29 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BM016637.D
 Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	6.6	7.3	10.9





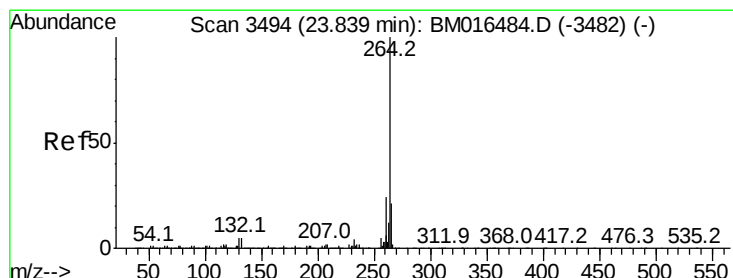
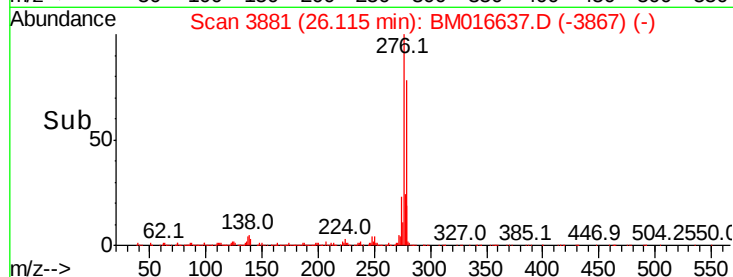
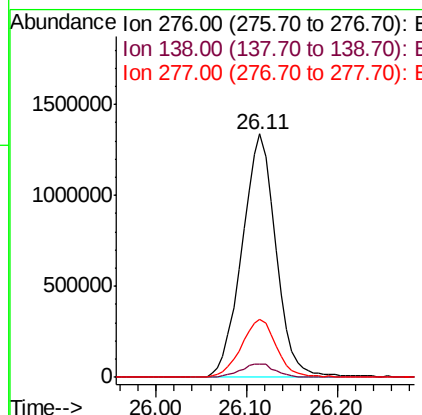
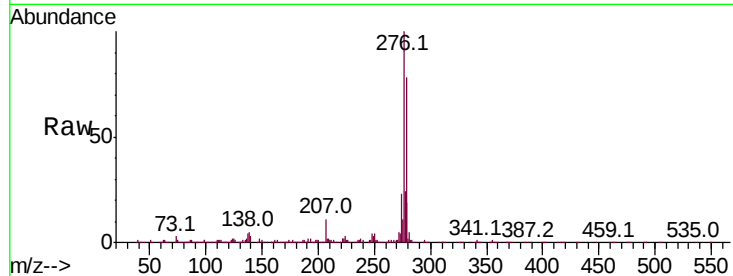
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.662 ng
RT: 26.11 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.8	12.0	18.0#
277	24.8	20.0	30.0

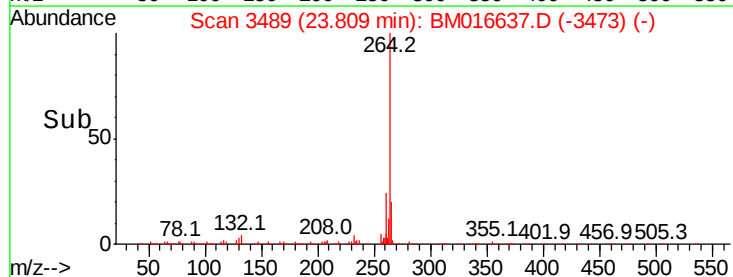
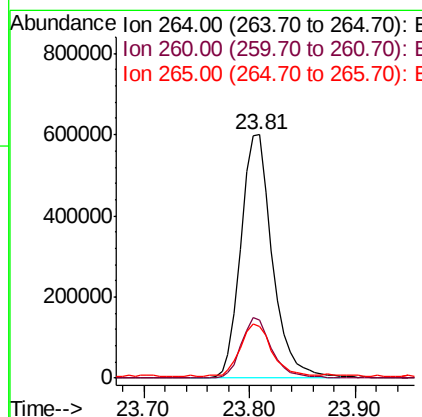
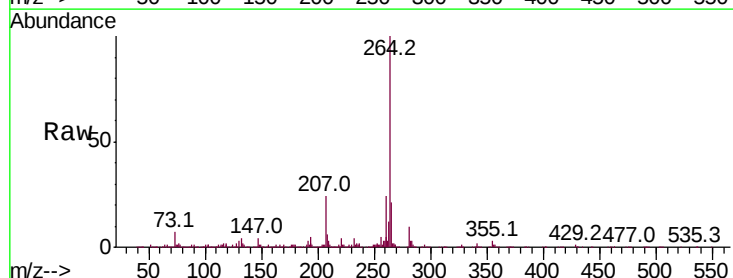
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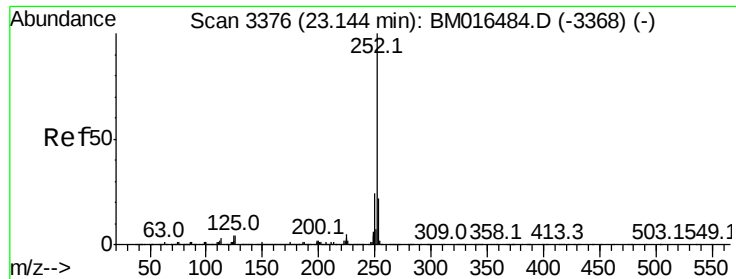
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.81 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM016637.D
Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.928 ng

RT: 23.12 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

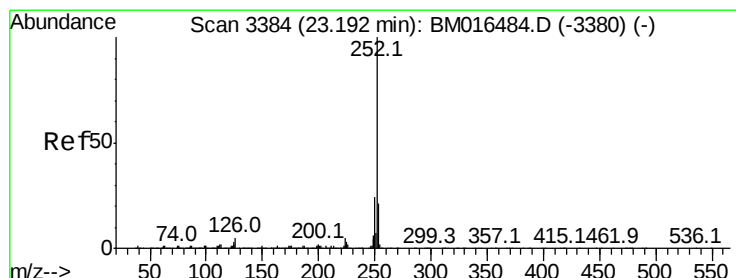
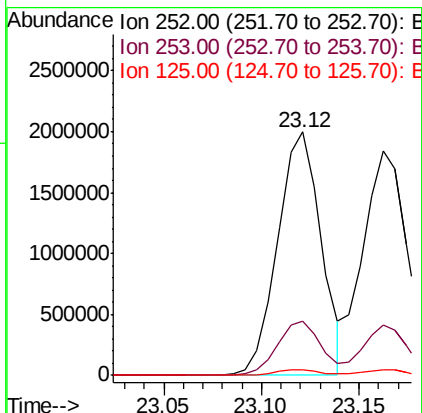
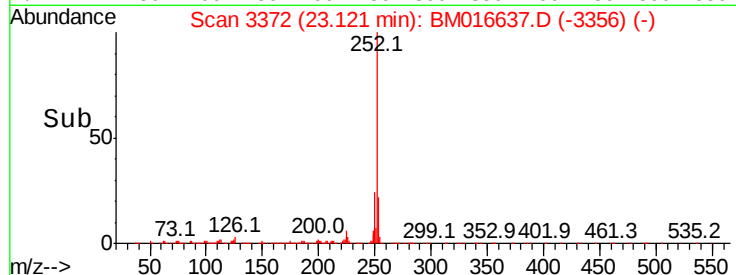
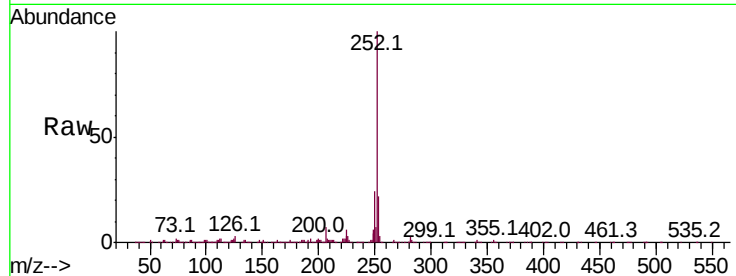
ClientSampleId :

PB112520BS

Tot	Ion:252	Resp: 3073722	
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	2.3	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.281 ng

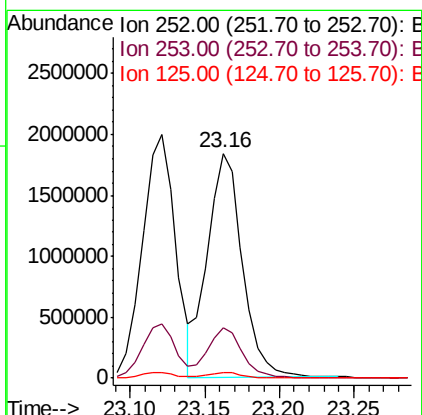
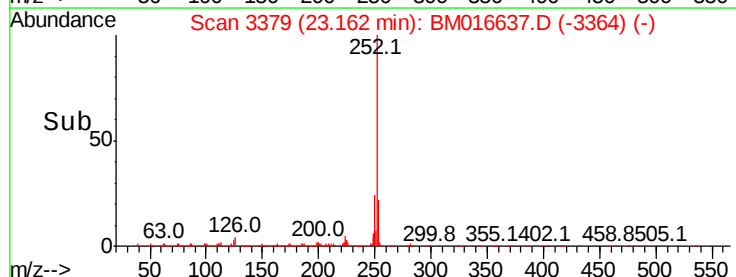
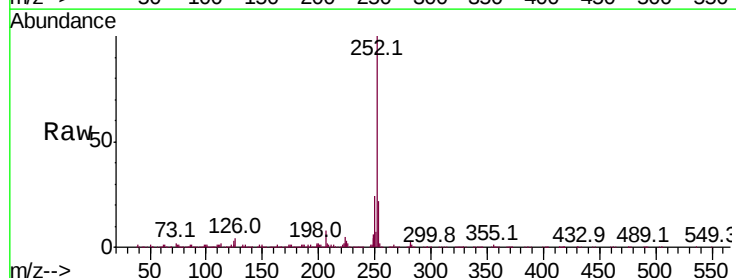
RT: 23.16 min Scan# 3379

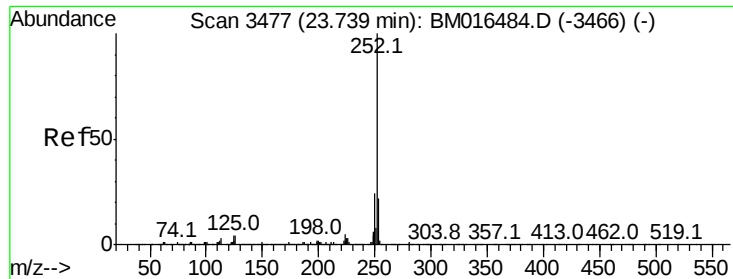
Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt	Ion:252	Resp: 3007468	
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	2.7	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 41.449 ng

RT: 23.71 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

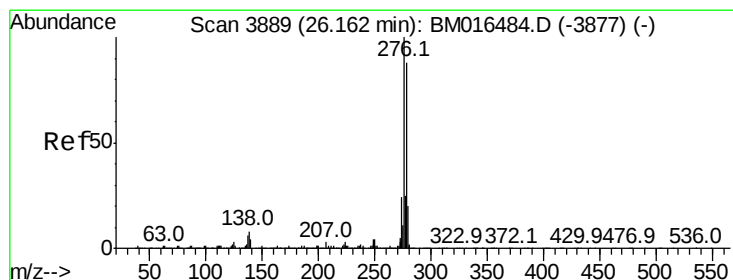
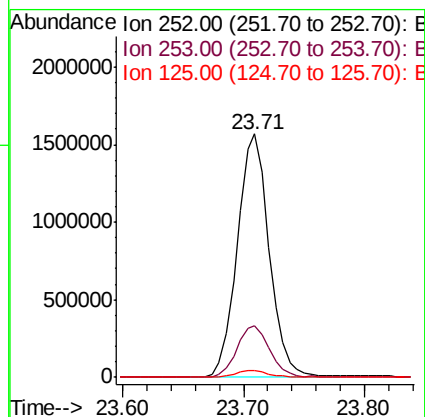
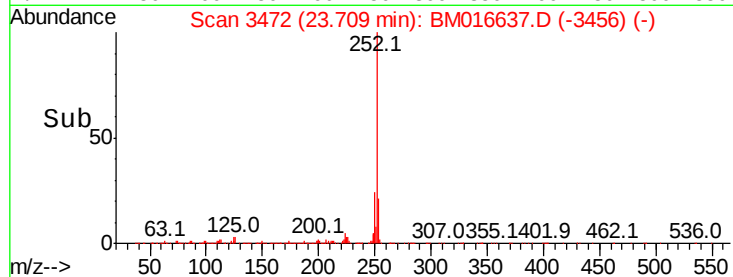
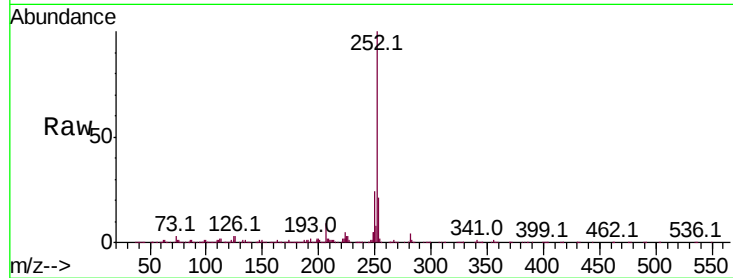
ClientSampleId :

PB112520BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	2.7	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 37.457 ng

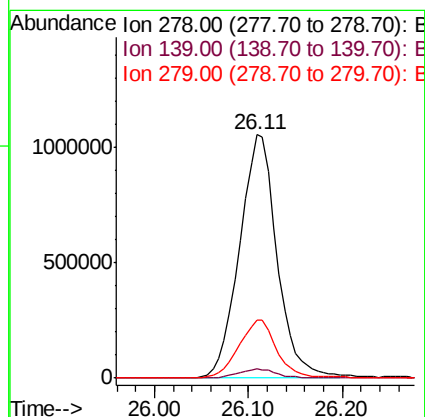
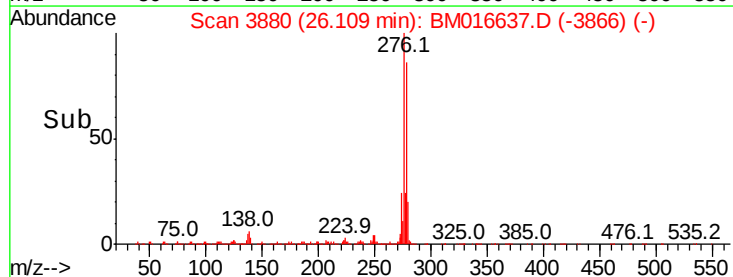
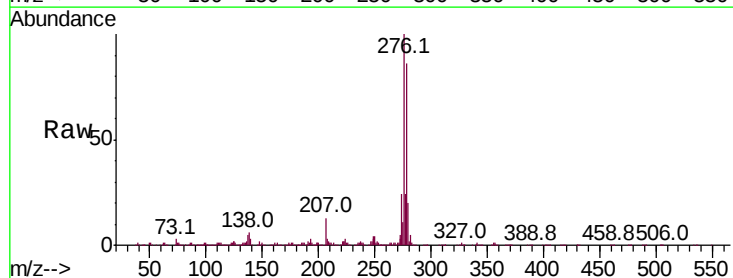
RT: 26.11 min Scan# 3880

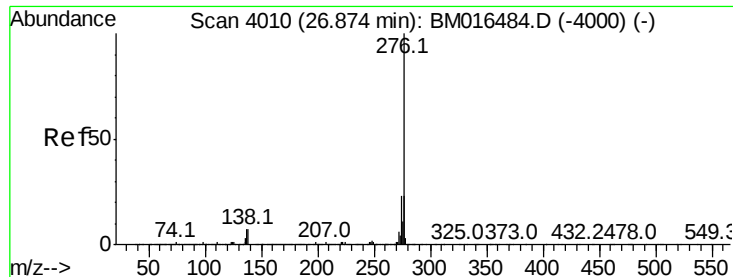
Delta R.T. -0.02 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	3.7	13.4	20.0
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.262 ng

RT: 26.83 min Scan# 4002

Delta R.T. -0.01 min

Lab File: BM016637.D

Acq: 31 Aug 2018 14:50

Instrument :

BNA_M

ClientSampleId :

PB112520BS

Tot Ion: 276 Resp: 2681674

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 5.4 19.0 28.6#

Manual Integrations

APPROVED

Sohil

9/4/2018 4:39:11 PM

