

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015788.D
 Acq On : 06 Jul 2018 06:28
 Operator : SJ/JU
 Sample : PB110790BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Manual Integrations
 APPROVED

Quant Time: Jul 06 08:49:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	130760	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	525144	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	286167	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	568949	20.00	ng	0.00
75) Chrysene-d12	21.76	240	424640	20.00	ng	0.00
86) Perylene-d12	24.17	264	342831	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.82	112	1395356	183.01	ng	0.00
7) Phenol-d6	7.47	99	1807244	173.14	ng	0.00
23) Nitrobenzene-d5	9.50	82	1193998	110.93	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	680652	182.03	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2636361	114.37	ng	0.00
78) Terphenyl-d14	20.22	244	3126861	136.58	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	115745	36.705	ng	# 100
3) Pyridine	4.01	79	319788	38.431	ng	# 81
4) n-Nitrosodimethylamine	3.92	42	280848	43.345	ng	# 43
6) Aniline	7.63	93	427628	33.791	ng	91
8) 2-Chlorophenol	7.87	128	462229	50.512	ng	96
9) Benzaldehyde	7.45	77	197582	30.032	ng	93
10) Phenol	7.50	94	541792	51.656	ng	91
11) bis(2-Chloroethyl)ether	7.73	93	379019	44.423	ng	88
12) 1,3-Dichlorobenzene	8.19	146	461986	45.535	ng	# 91
13) 1,4-Dichlorobenzene	8.35	146	473785	45.158	ng	94
14) 1,2-Dichlorobenzene	8.67	146	460426	45.376	ng	95
15) Benzyl Alcohol	8.56	79	418056	46.132	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.83	45	596131	63.976	ng	98
17) 2-Methylphenol	8.76	107	369140	50.801	ng	# 87
18) Hexachloroethane	9.40	117	193557	46.656	ng	92
19) n-Nitroso-di-n-propylamine	9.13	70	353292	42.114	ng	# 79
20) 3+4-Methylphenols	9.09	107	492382	48.783	ng	90
22) Acetophenone	9.16	105	660177	48.258	ng	# 88
24) Nitrobenzene	9.55	77	531636	50.743	ng	98
25) Isophorone	10.06	82	901759	54.892	ng	94
26) 2-Nitrophenol	10.26	139	239482	53.083	ng	# 65
27) 2,4-Dimethylphenol	10.30	122	408845	59.654	ng	# 85
28) bis(2-Chloroethoxy)methane	10.54	93	534316	49.923	ng	99
29) 2,4-Dichlorophenol	10.79	162	429580	56.594	ng	96
30) 1,2,4-Trichlorobenzene	11.00	180	447276	50.732	ng	98
31) Naphthalene	11.19	128	1350905	49.617	ng	99
32) Benzoic acid	10.49	122	277240m	45.689	ng	
33) 4-Chloroaniline	11.30	127	226871	20.438	ng	# 89
34) Hexachlorobutadiene	11.45	225	288758	49.076	ng	96
35) Caprolactam	12.13	113	116202m	46.160	ng	
36) 4-Chloro-3-methylphenol	12.42	107	456427	52.405	ng	90
37) 2-Methylnaphthalene	12.78	142	1013184	52.312	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	499712	54.407	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	616199	136.145	ng	98

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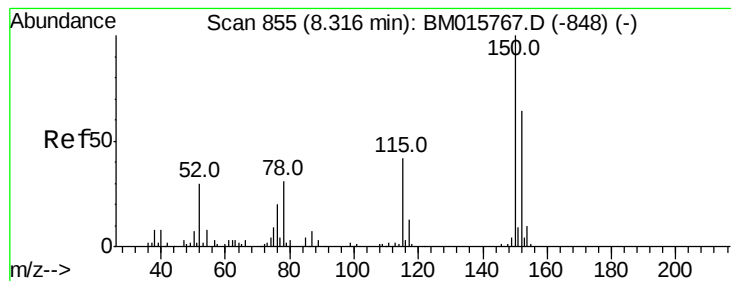
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	13.38	196	328039	56.502	ng		98
43) 2,4,5-Trichlorophenol	13.46	196	342506	54.612	ng	#	85
45) 1,1'-Biphenyl	13.77	154	1275566	51.555	ng		99
46) 2-Chloronaphthalene	13.82	162	988294	53.424	ng	#	92
47) 2-Nitroaniline	14.03	65	325293	50.425	ng	#	80
48) Acenaphthylene	14.66	152	1576267	52.379	ng		99
49) Dimethylphthalate	14.39	163	1231323	48.789	ng		99
50) 2,6-Dinitrotoluene	14.52	165	257711	52.371	ng	#	76
51) Acenaphthene	15.00	154	909213	48.554	ng		99
52) 3-Nitroaniline	14.85	138	142629	26.481	ng	#	79
53) 2,4-Dinitrophenol	15.07	184	263253	104.551	ng		93
54) Dibenzofuran	15.33	168	1453564	50.375	ng	#	89
55) 4-Nitrophenol	15.15	139	394147	99.155	ng	#	70
56) 2,4-Dinitrotoluene	15.30	165	354498	49.899	ng		94
57) Fluorene	15.97	166	1170700	49.200	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	291000	54.986	ng	#	100
59) Diethylphthalate	15.73	149	1262628	46.685	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	591535	48.312	ng	#	89
61) 4-Nitroaniline	16.01	138	229037	40.991	ng	#	41
62) Azobenzene	16.24	77	1323245	52.195	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	174970	50.587	ng		88
65) n-Nitrosodiphenylamine	16.17	169	989010	50.731	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	350308	55.145	ng	#	82
67) Hexachlorobenzene	16.96	284	378884	53.375	ng	#	78
68) Atrazine	17.10	200	342036	53.339	ng		97
69) Pentachlorophenol	17.31	266	402396	91.612	ng		99
70) Phenanthrene	17.70	178	1648767	50.653	ng		99
71) Anthracene	17.79	178	1695776	53.050	ng		98
72) Carbazole	18.06	167	1421668	47.727	ng		98
73) Di-n-butylphthalate	18.57	149	1904436	47.434	ng	#	98
74) Fluoranthene	19.68	202	1671853	44.678	ng		99
76) Benzidine	19.85	184	599164	48.159	ng		98
77) Pyrene	20.04	202	1652587	62.476	ng		99
79) Butylbenzylphthalate	20.89	149	701887	54.893	ng		88
80) Benzo(a)anthracene	21.75	228	1390952	51.664	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	273756	28.300	ng		100
82) Chrysene	21.80	228	1292065	51.517	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	938428	49.672	ng		97
84) Di-n-octyl phthalate	22.55	149	1426086	46.293	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.65	276	1233764	52.947	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1197670	52.325	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1106198	49.751	ng		99
89) Benzo(a)pyrene	24.06	252	1078056	53.506	ng		100
90) Dibenzo(a,h)anthracene	26.65	278	1056112	58.258	ng		97
91) Benzo(g,h,i)perylene	27.41	276	983684	61.758	ng	#	94

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

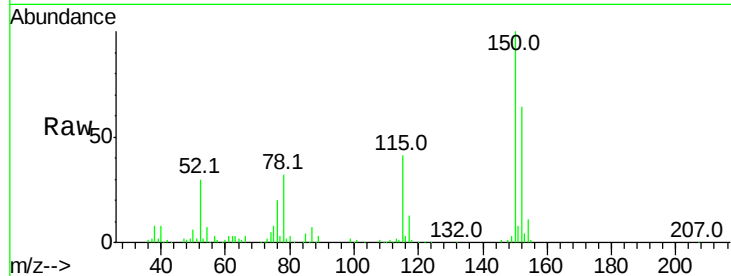


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

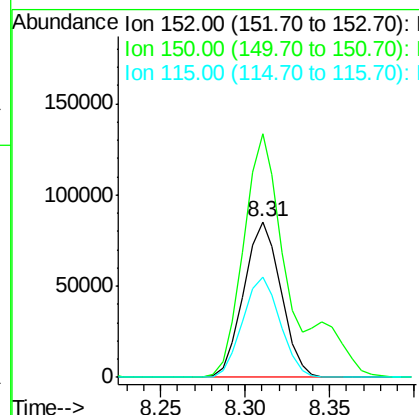
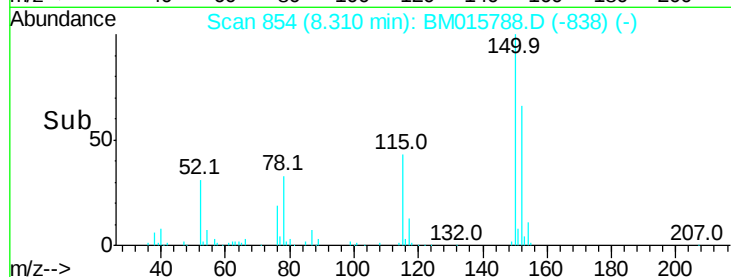
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	64.4	43.0	64.4

Manual Integrations
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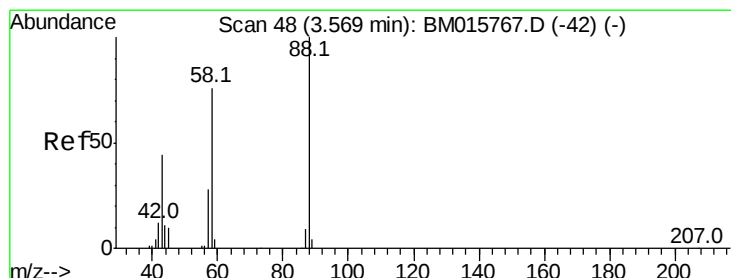


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



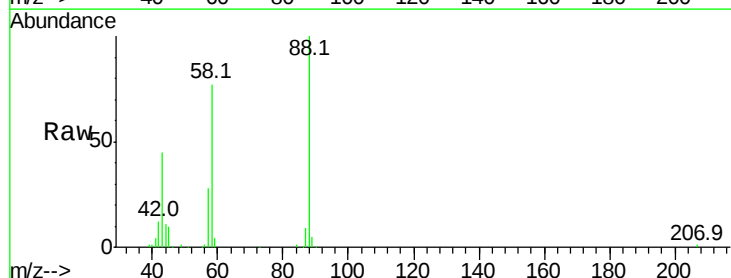
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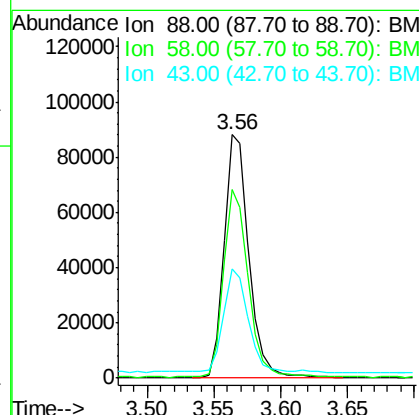
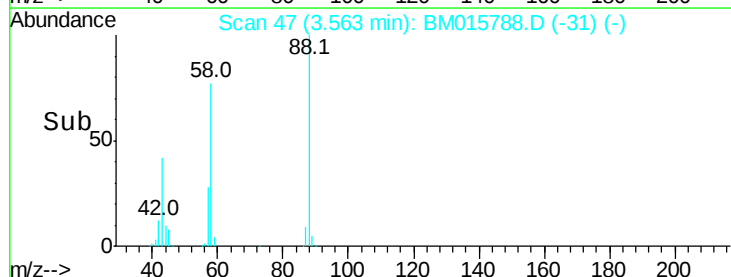


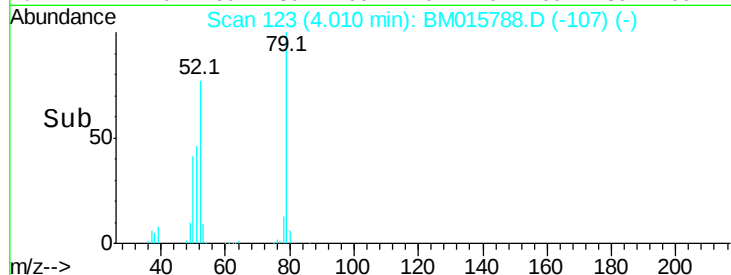
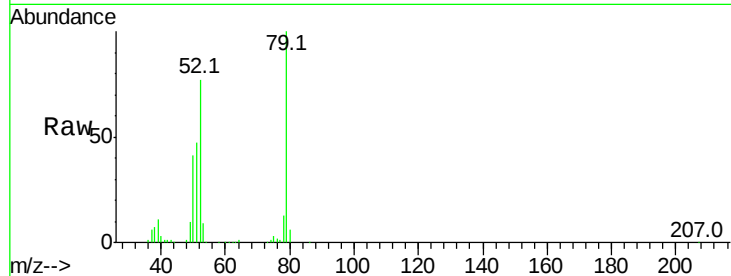
#2
 1,4-Dioxane
 Concen: 36.705 ng
 RT: 3.56 min Scan# 47
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	0.0	0.0#
43	43.4	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



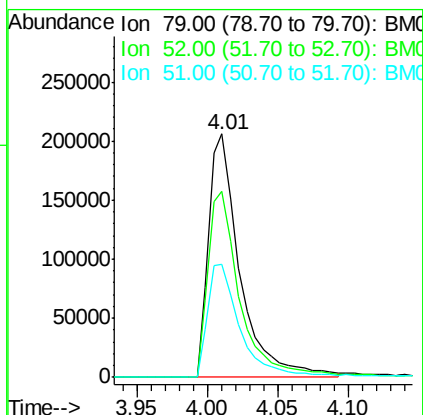


#3
 Pvridine
 Concen: 38.431 ng
 RT: 4.01 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.6	51.1	76.7
51	46.6	26.1	39.1#

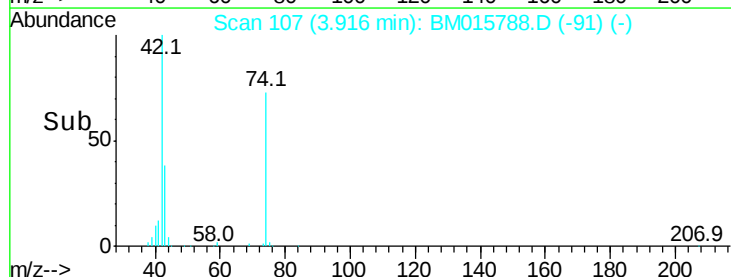
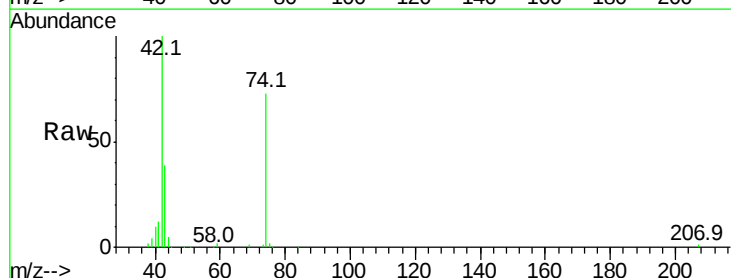
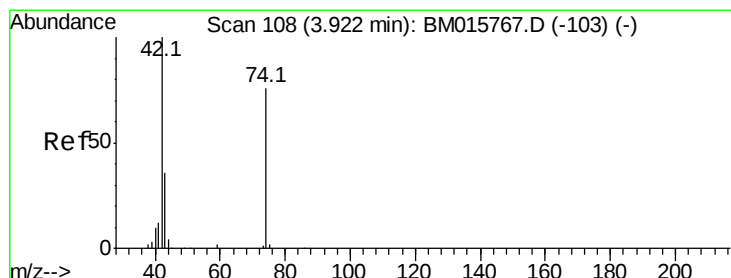
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

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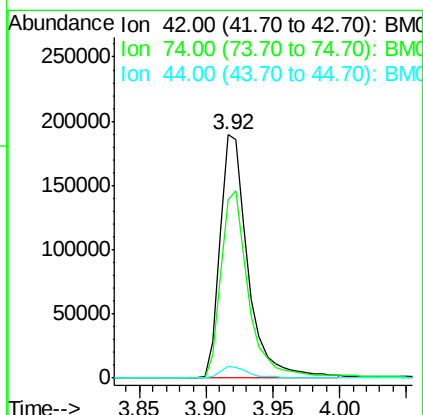
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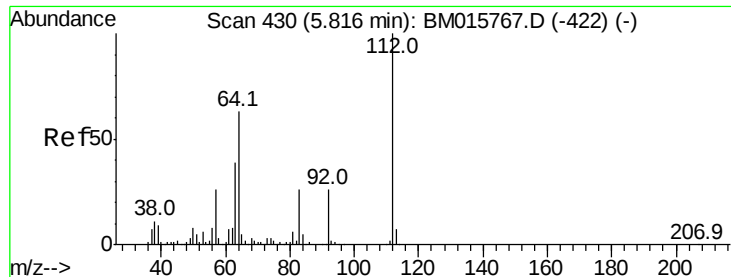
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#4
 n-Nitrosodimethylamine
 Concen: 43.345 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	73.5	119.3	178.9#
44	4.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 43.345 ng

RT: 5.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:112 Resp: 1395356

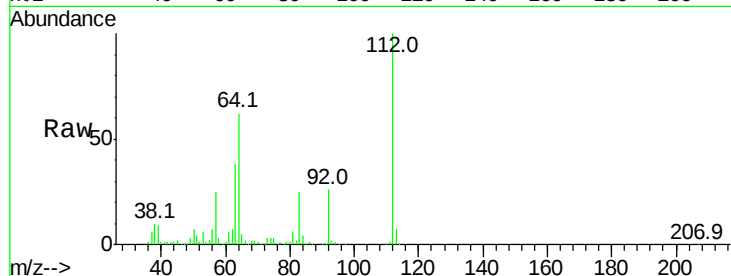
Ion Ratio Lower Upper

112 100

64 62.0 38.6 57.8#

63 38.3 19.3 28.9#

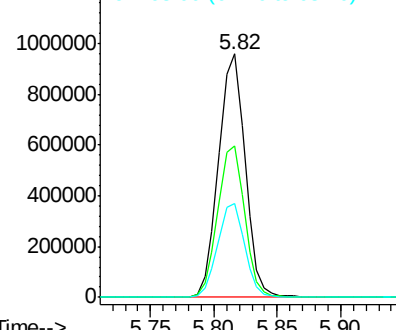
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Abundance Ion 112.00 (111.70 to 112.70): E

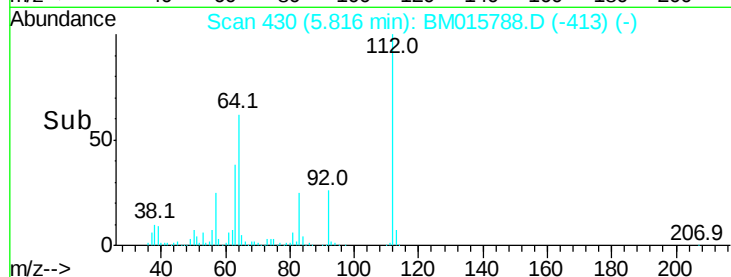
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



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#6

Aniline

Concen: 33.791 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

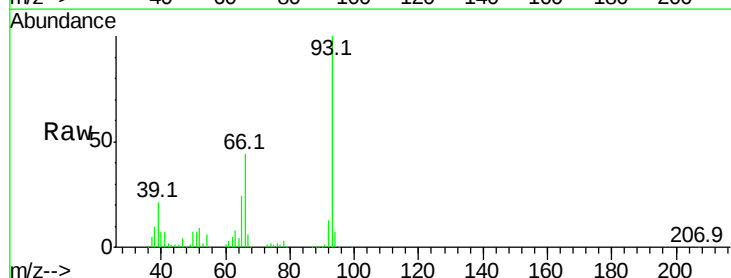
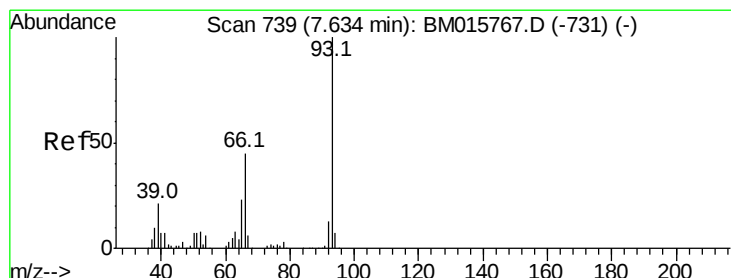
Tgt Ion: 93 Resp: 427628

Ion Ratio Lower Upper

93 100

66 44.3 30.8 46.2

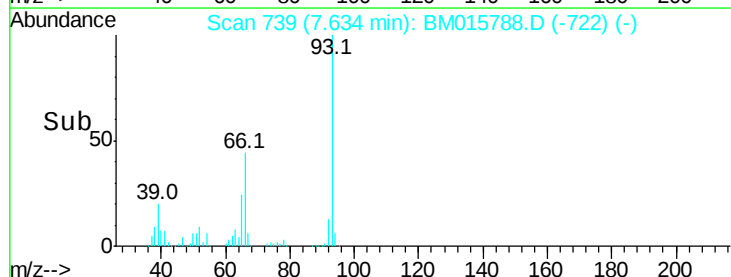
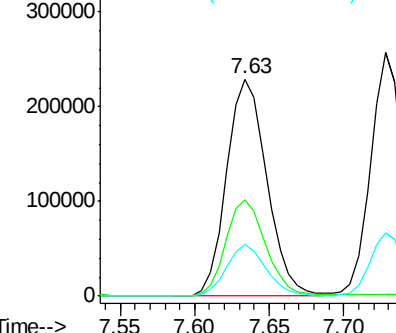
65 24.0 16.0 24.0

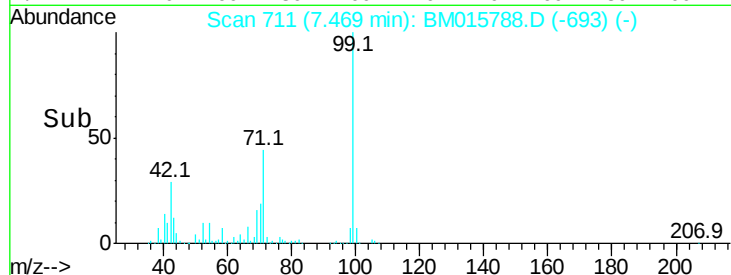
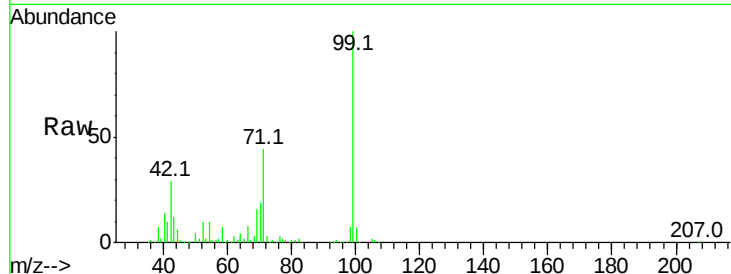
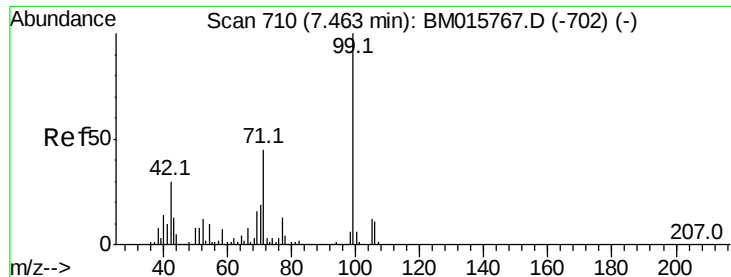


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 33.791 ng

RT: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Tot Ion: 99 Resp: 1807244

Ion Ratio Lower Upper

99 100

42 29.5 11.0 16.4#

71 44.5 23.4 35.2#

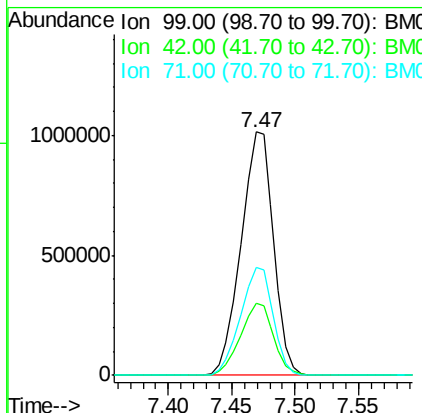
Instrument :

BNA_M

ClientSampled :

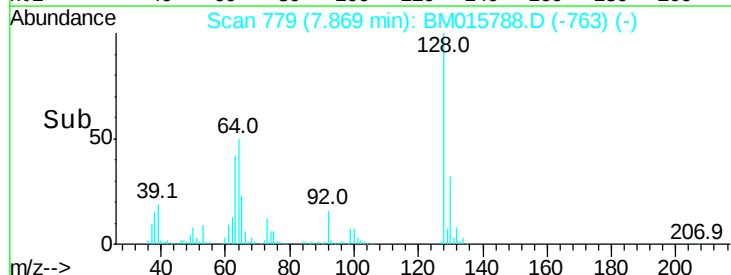
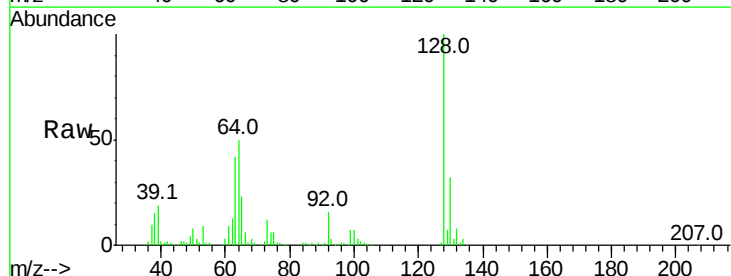
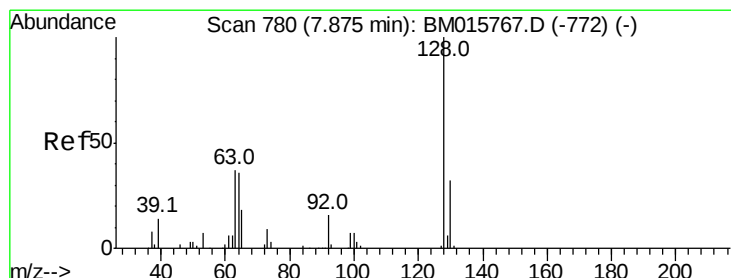
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#8

2-Chlorophenol

Concen: 50.512 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

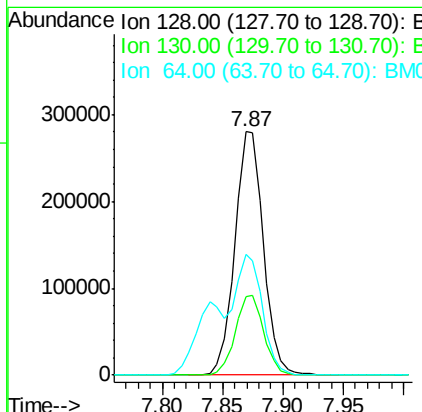
Tgt Ion: 128 Resp: 462229

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 49.7 24.9 64.9





#9

Benzaldehyde

Concen: 30.032 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Instrument :

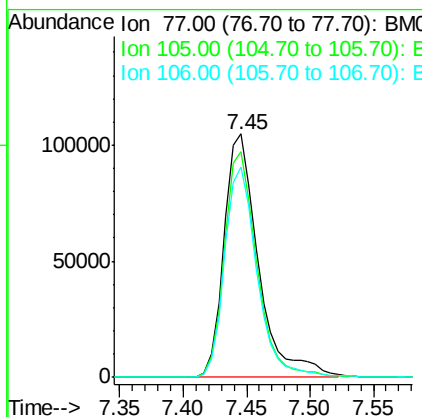
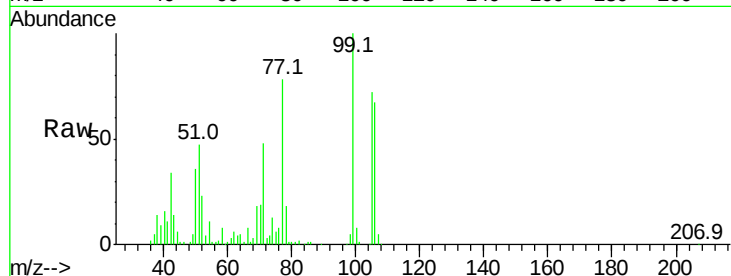
BNA_M

ClientSampleId :

PB110790BSD

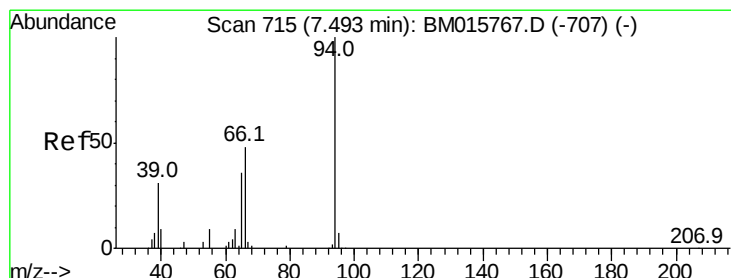
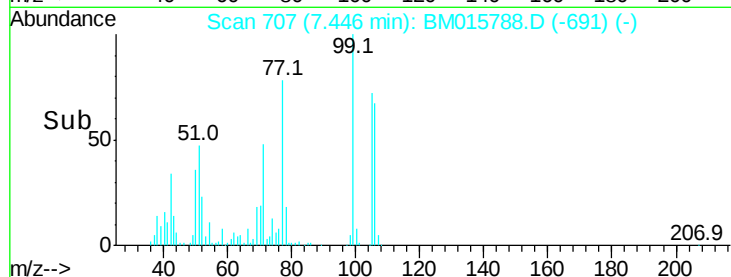
Tot Ion:	77	Resp:	197582
Ion Ratio	Lower	Upper	
77	100		
105	92.9	78.8	118.8
106	86.5	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 51.656 ng

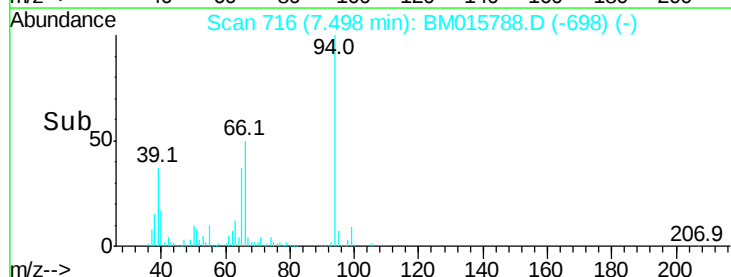
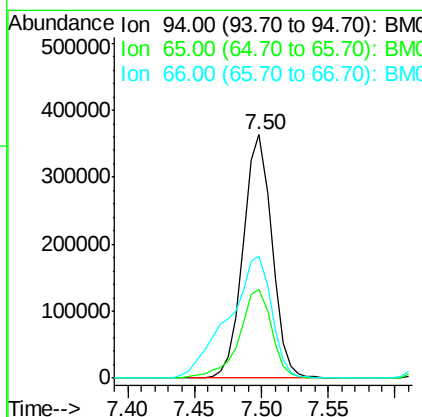
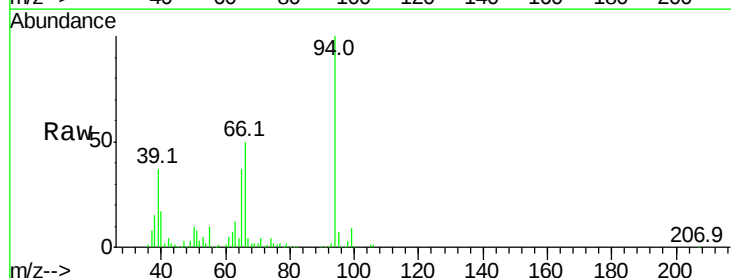
RT: 7.50 min Scan# 716

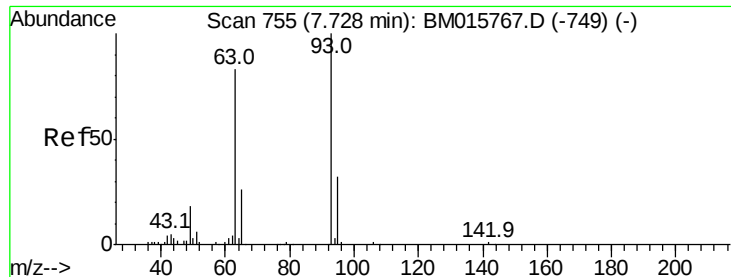
Delta R.T. 0.01 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Tgt Ion:	94	Resp:	541792
Ion Ratio	Lower	Upper	
94	100		
65	36.6	18.8	58.8
66	50.1	39.9	79.9



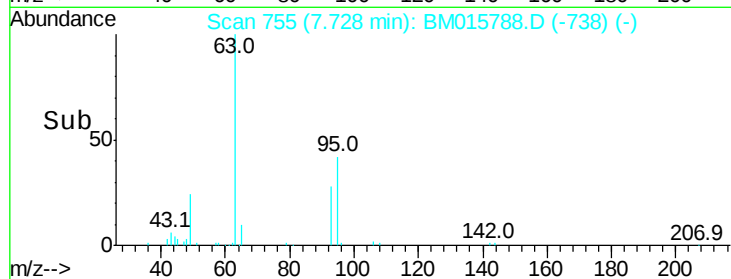
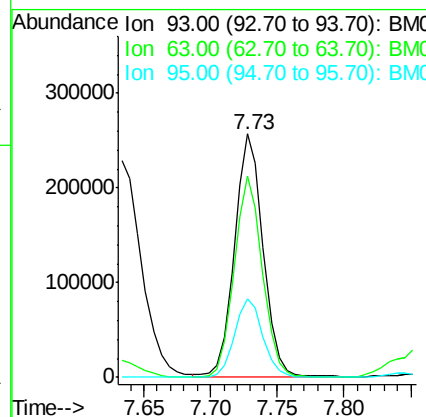
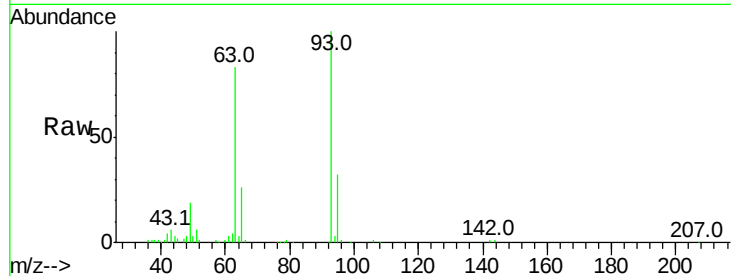


#11
bis(2-Chloroethyl)ether
Concen: 44.423 ng
RT: 7.73 min Scan# 755
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

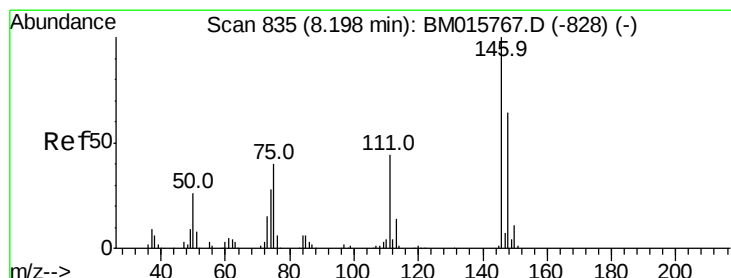
Tot Ion	93	Resp	379019
Ion	Ratio	Lower	Upper
93	100		
63	82.9	49.5	89.5
95	32.3	13.5	53.5

Manual Integrations
APPROVED



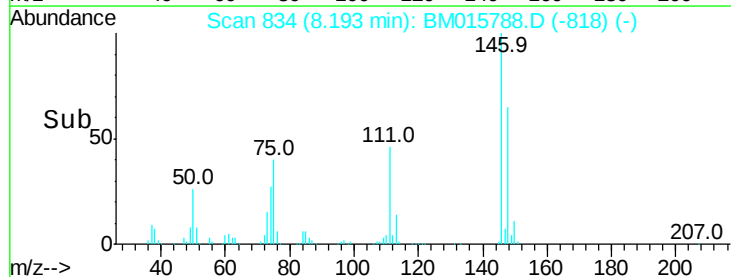
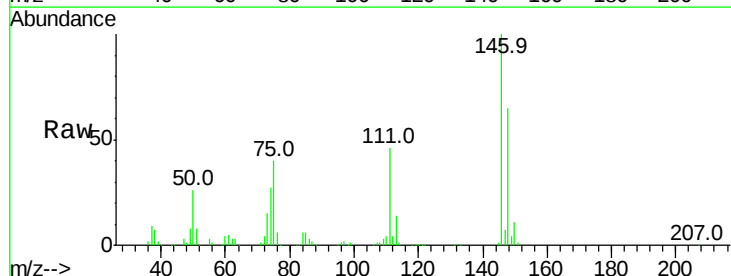
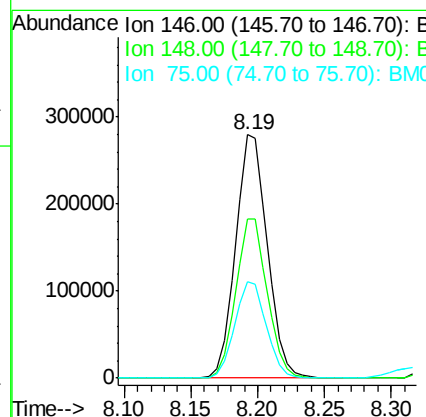
Sohil

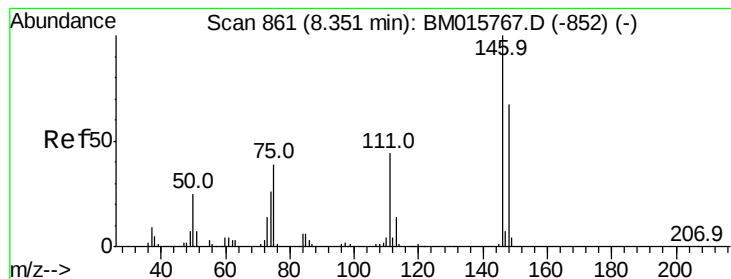
7/6/2018 5:21:56 PM



#12
1,3-Dichlorobenzene
Concen: 45.535 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	146	Resp	461986
Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.9	76.3
75	39.5	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 45.158 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Instrument :

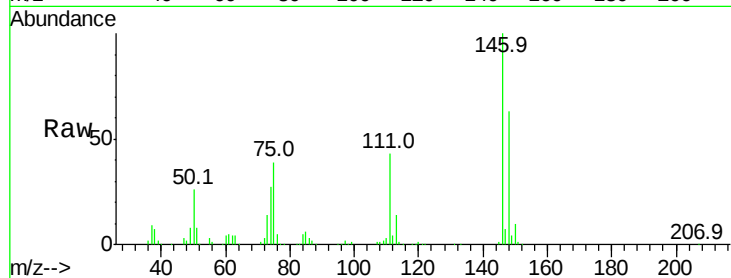
BNA_M

ClientSampleId :

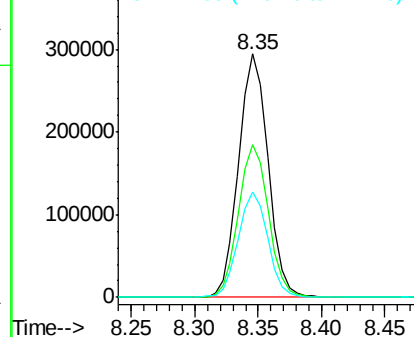
PB110790BSD

Tot Ion:	146	Resp:	473785
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.9	77.9
111	43.1	29.2	43.8

Manual Integrations
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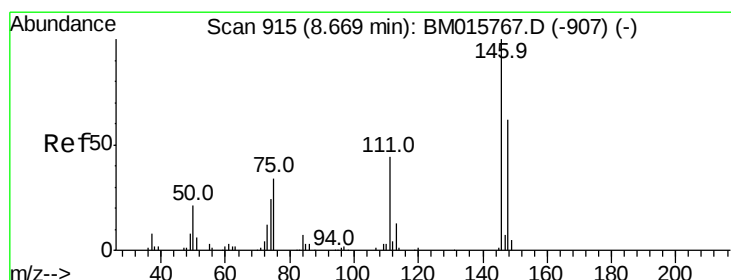


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Sohil

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#14

1,2-Dichlorobenzene

Concen: 45.376 ng

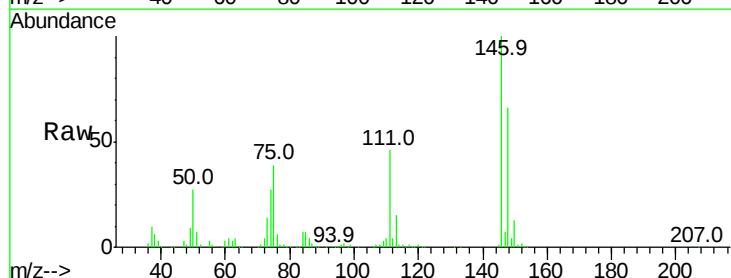
RT: 8.67 min Scan# 915

Delta R.T. -0.00 min

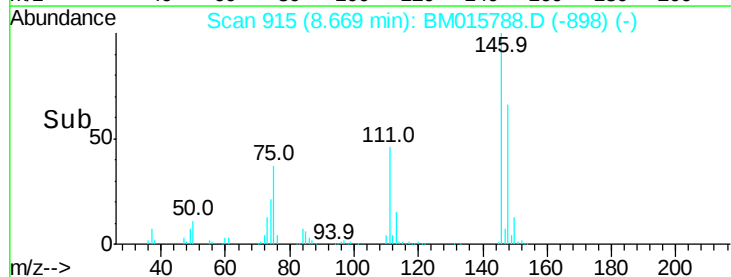
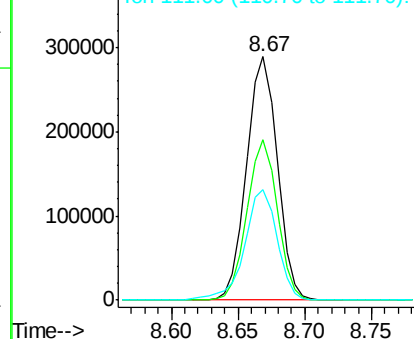
Lab File: BM015788.D

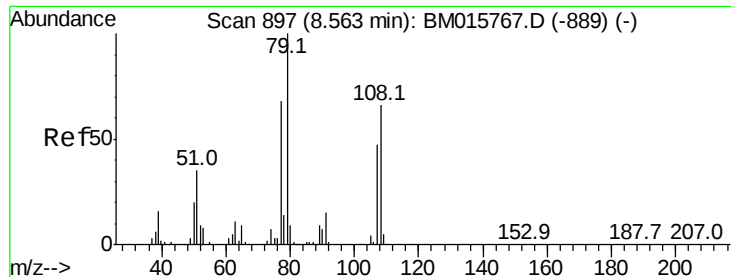
Acq: 06 Jul 2018 06:28

Tgt Ion:	146	Resp:	460426
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.3	78.5
111	45.6	30.6	45.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.132 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Instrument :

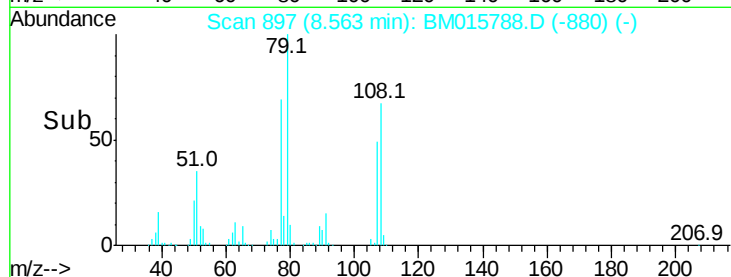
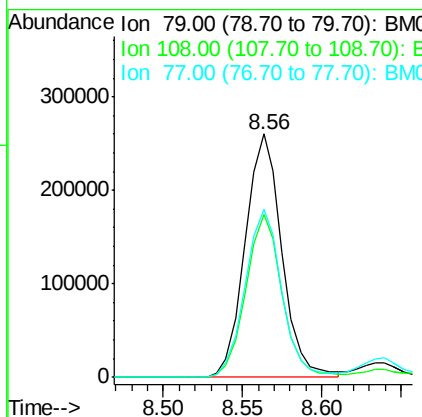
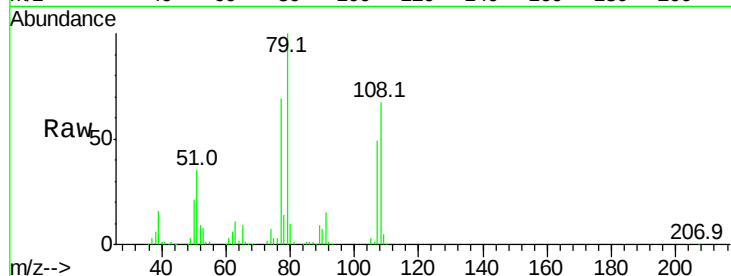
BNA_M

ClientSampled :

PB110790BSD

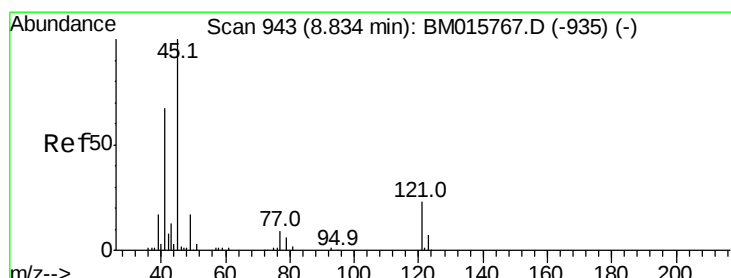
Tot Ion:	79	Resp:	418056
Ion Ratio	Lower	Upper	
79	100		
108	67.2	65.0	97.4
77	69.1	53.0	79.6

Manual Integrations
APPROVED



Sohil

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.976 ng

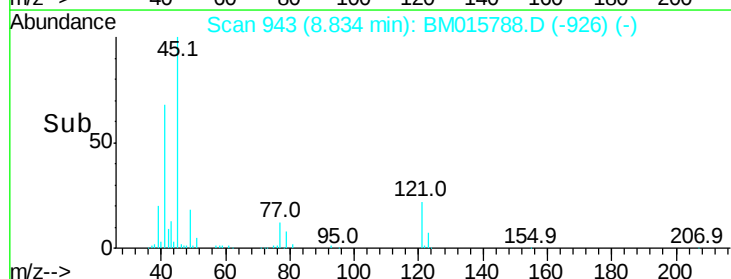
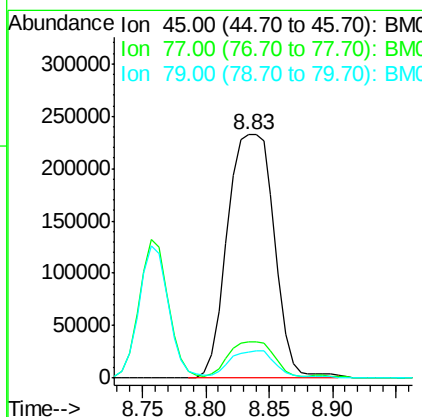
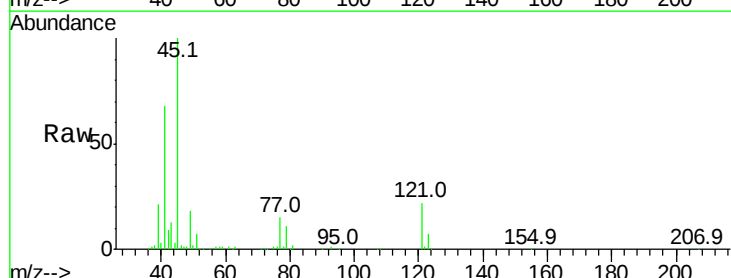
RT: 8.83 min Scan# 943

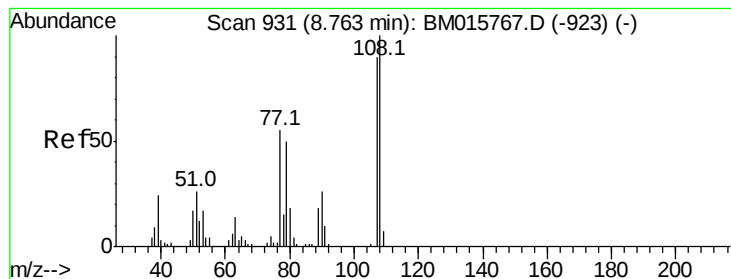
Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Tgt Ion:	45	Resp:	596131
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	35.2
79	10.6	0.0	32.0



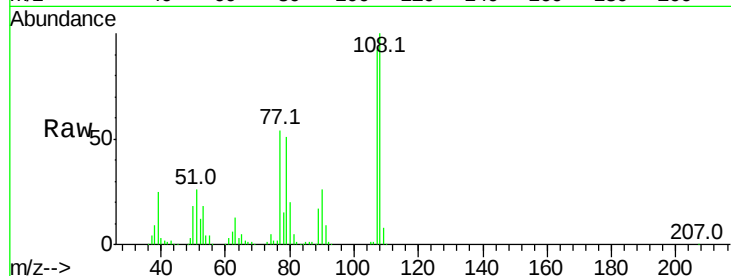


#17
2-Methylphenol
Concen: 50.801 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

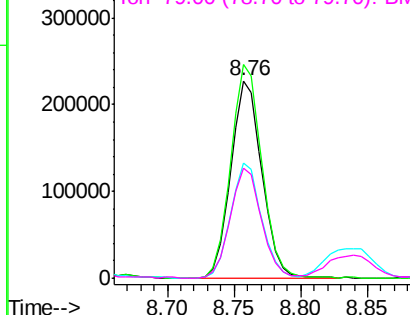
Instrument :
BNA_M
ClientSampleID :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	89.8	134.8	
77	58.2	32.6	48.8#	
79	55.7	32.8	49.2#	

Manual Integrations
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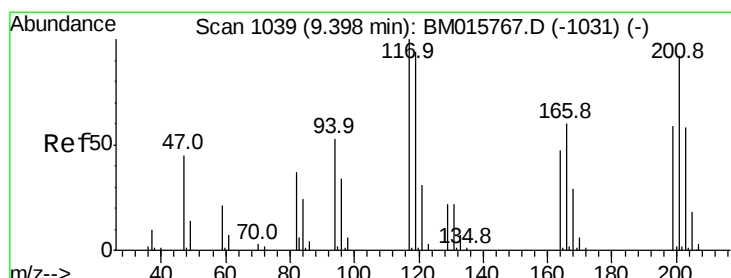
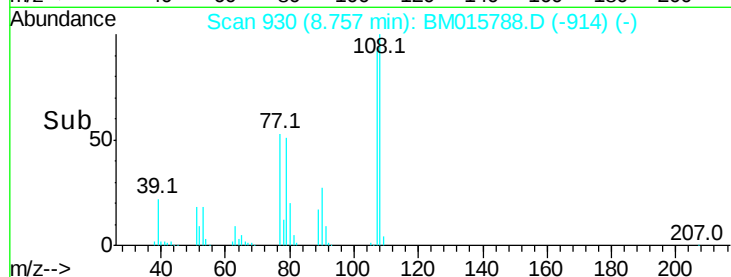


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0



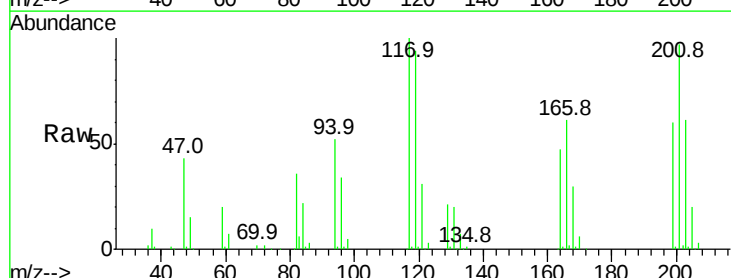
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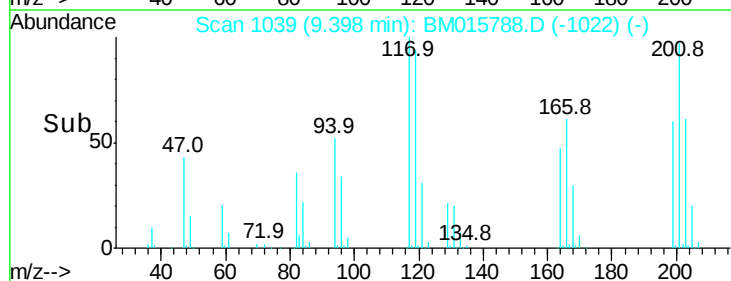
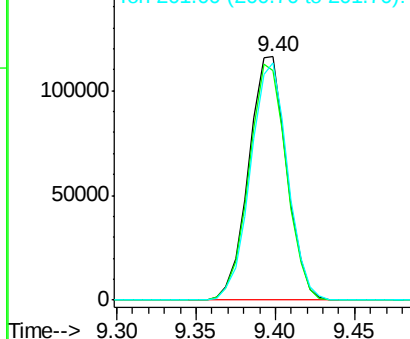


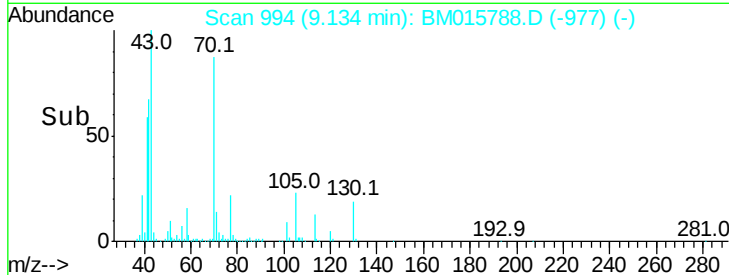
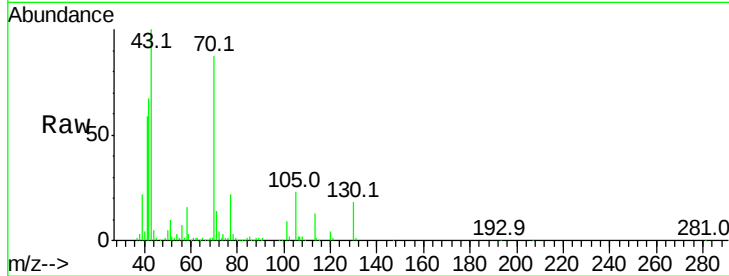
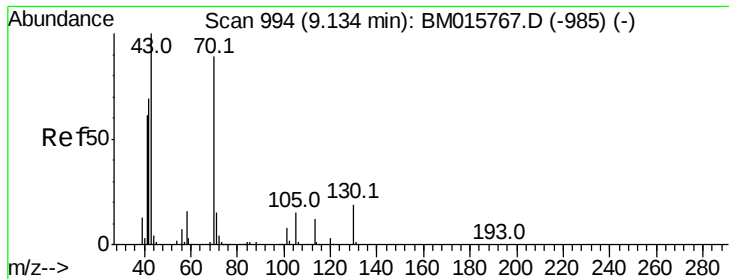
#18
Hexachloroethane
Concen: 46.656 ng
RT: 9.40 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	79.2	118.8	
201	97.3	69.8	104.6	



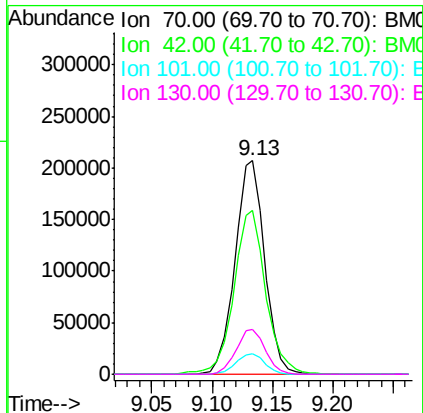
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.114 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.0	44.5	66.7#	
101	9.8	7.4	11.2	
130	21.2	15.3	22.9	

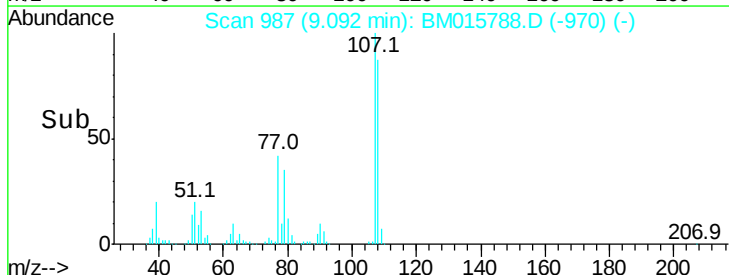
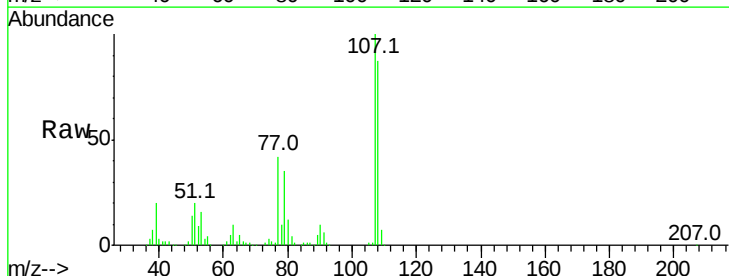
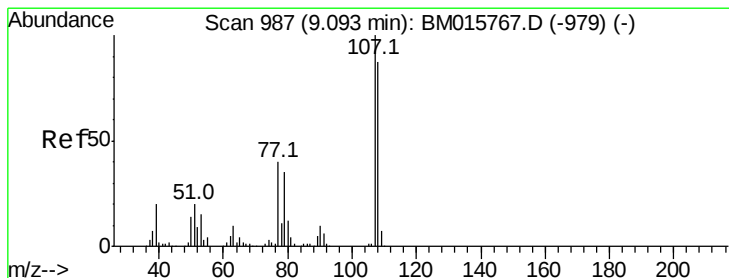


Instrument :
BNA_M
ClientSampleId :
PB110790BSD

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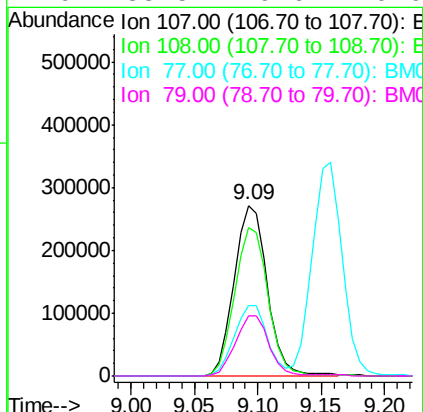
Sohil

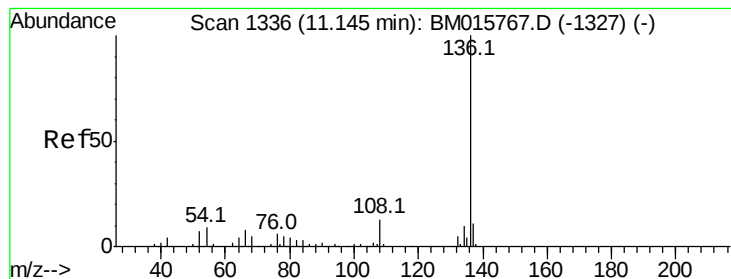
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#20
3+4-Methylphenols
Concen: 48.783 ng
RT: 9.09 min Scan# 987
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	73.2	113.2	
77	41.6	10.7	50.7	
79	35.5	9.6	49.6	



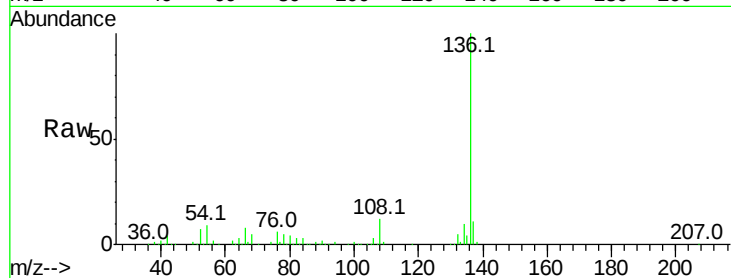


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

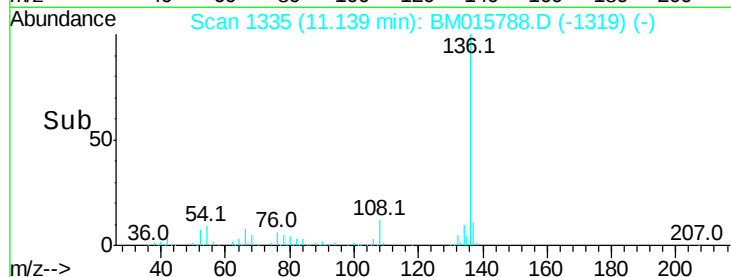
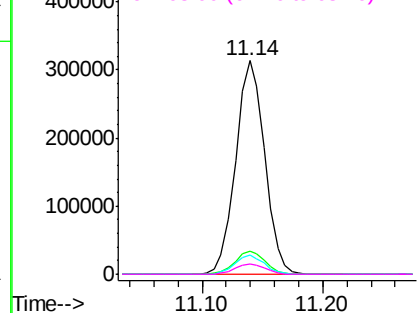
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	525144		
137	10.7		8.7	13.1
54	9.1		4.6	6.8#
68	4.8		3.7	5.5

Manual Integrations
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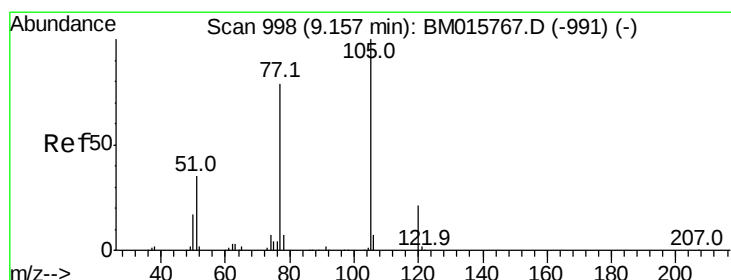


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



Sohil

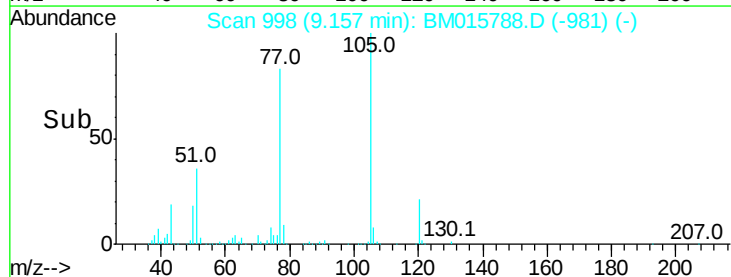
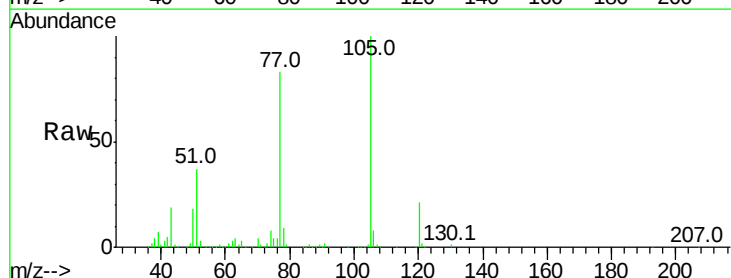
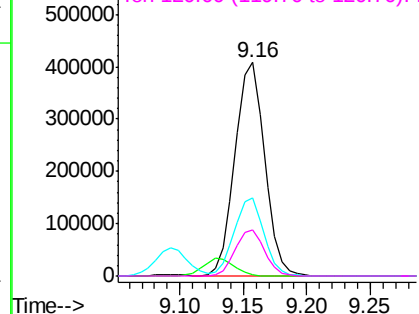
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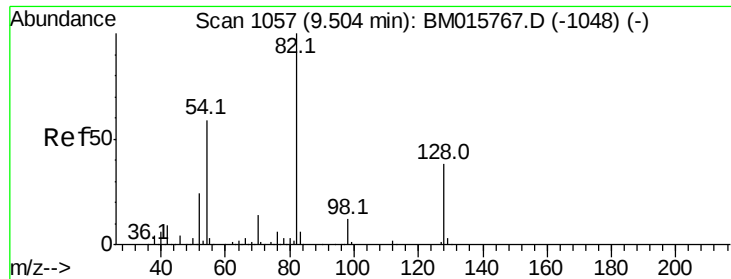


#22
Acetophenone
Concen: 48.258 ng
RT: 9.16 min Scan# 998
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	660177		
71	0.6		0.6	1.0#
51	36.6		21.6	32.4#
120	21.4		16.1	24.1

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E



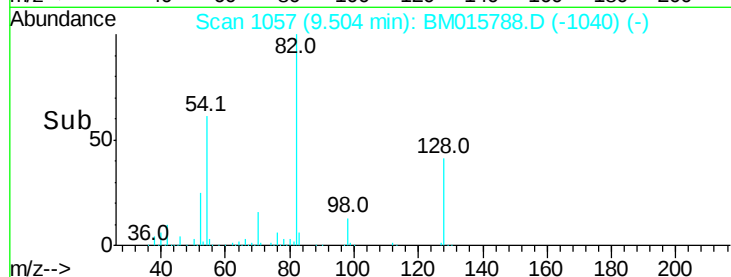
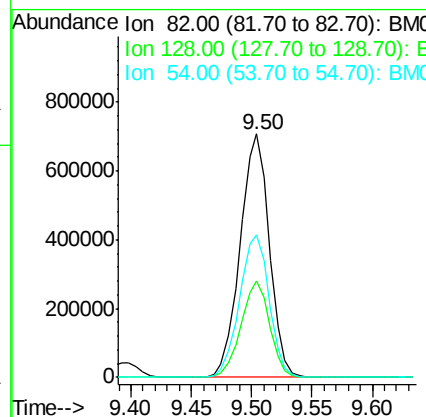
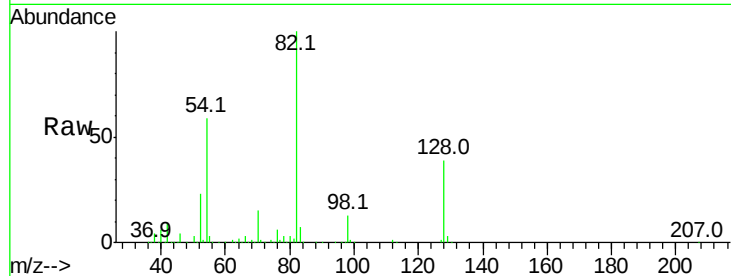


#23
Nitrobenzene-d5
Concen: 48.258 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampled :
PB110790BSD

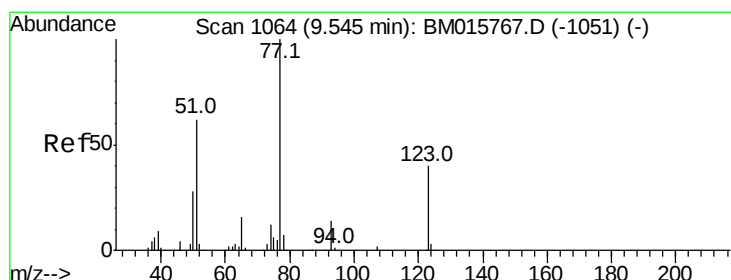
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.8	49.2
54	58.6	40.6	60.8

Manual Integrations
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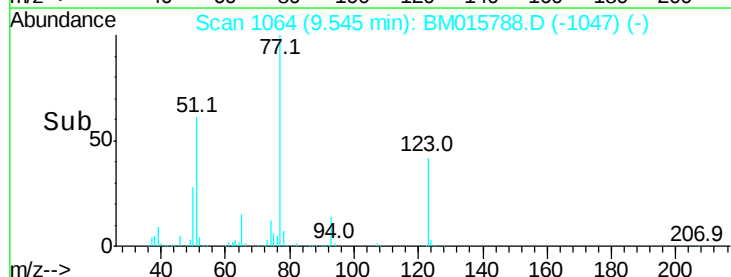
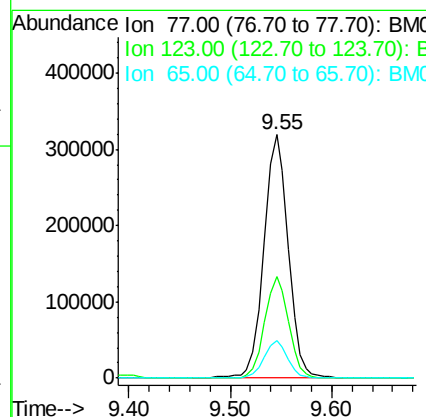
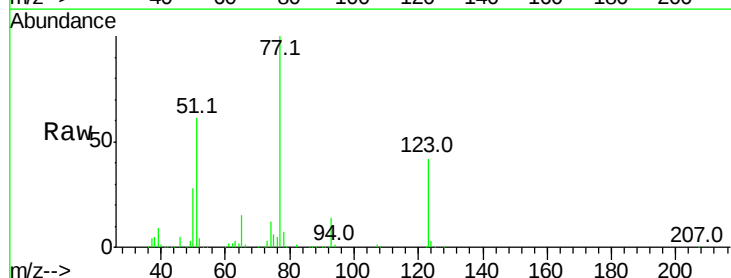
Sohil

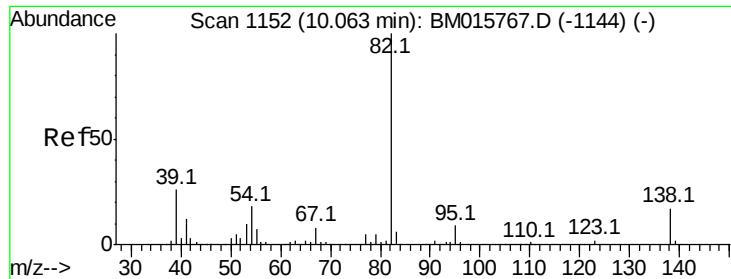
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#24
Nitrobenzene
Concen: 50.743 ng
RT: 9.55 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	32.6	49.0
65	15.4	10.9	16.3



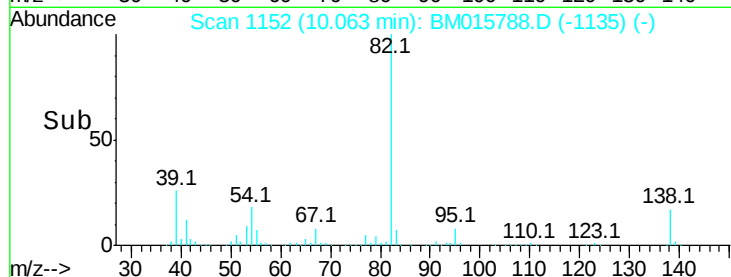
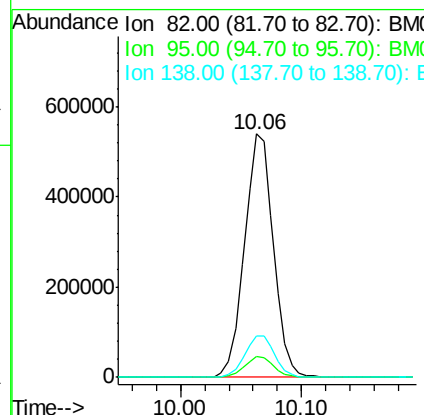
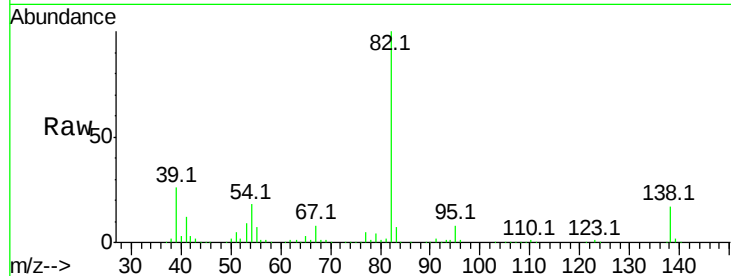


#25
Isophorone
Concen: 54.892 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

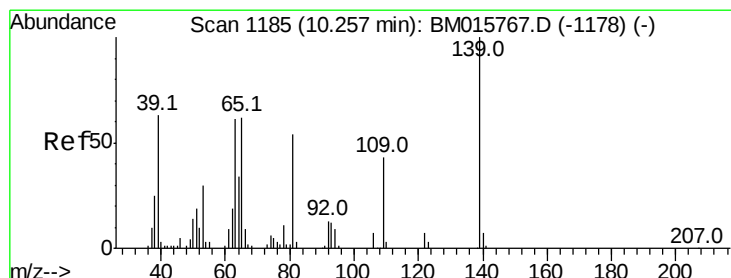
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	5.8	8.6	
138	17.2	16.3	24.5	

Manual Integrations
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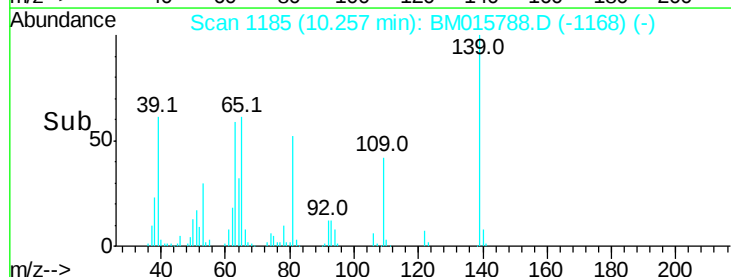
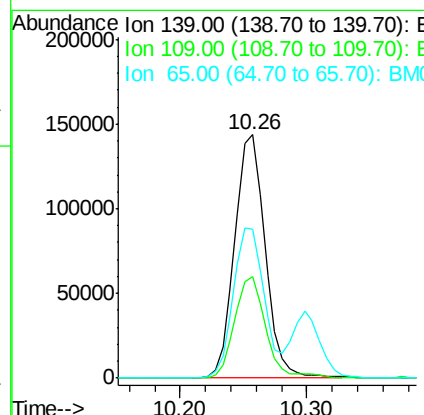
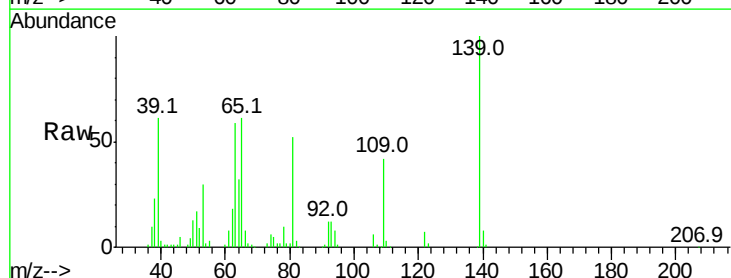
Sohil

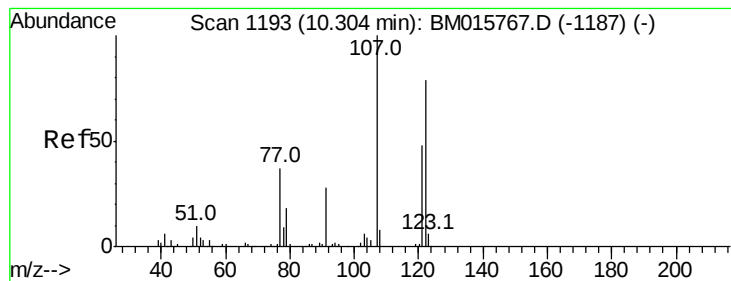
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#26
2-Nitrophenol
Concen: 53.083 ng
RT: 10.26 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.7	20.1	30.1#	
65	61.2	31.5	47.3#	



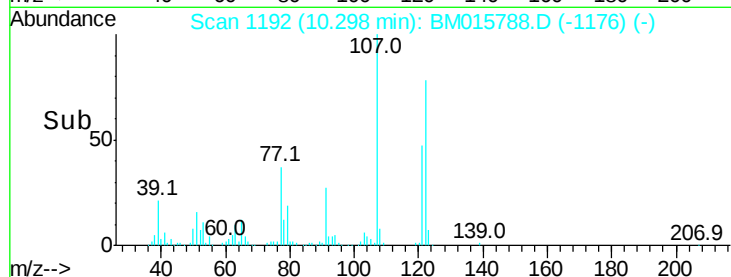
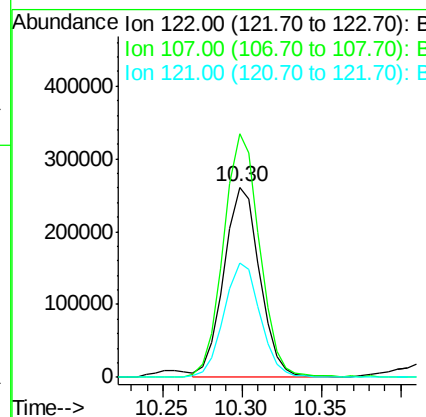
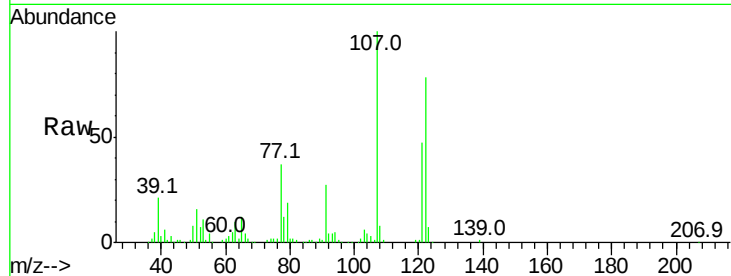


#27
2,4-Dimethylphenol
Concen: 59.654 ng
RT: 10.30 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

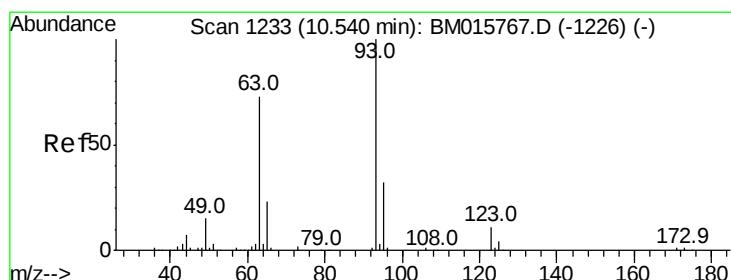
Tot Ion:122 Resp: 408845
Ion Ratio Lower Upper
122 100
107 127.9 84.7 127.1#
121 60.4 46.6 69.8

Manual Integrations
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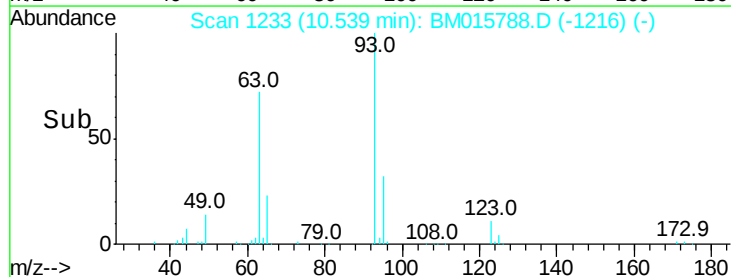
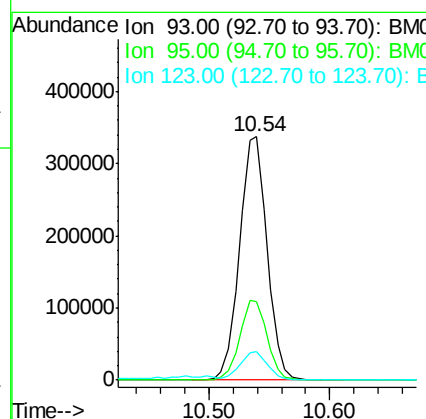
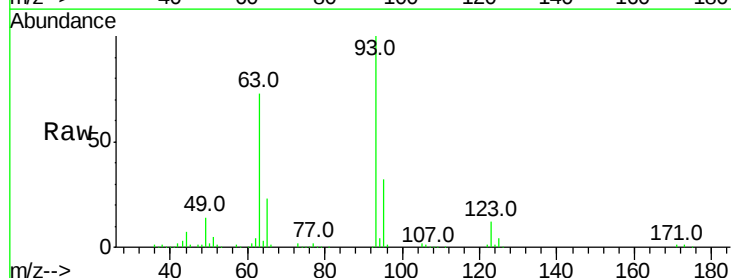
Sohil

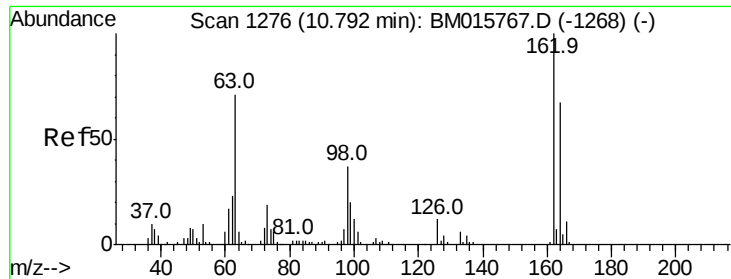
7/6/2018 5:21:56 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.923 ng
RT: 10.54 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion: 93 Resp: 534316
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.9 8.6 13.0



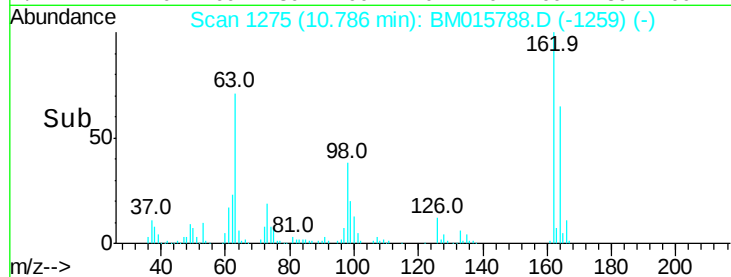
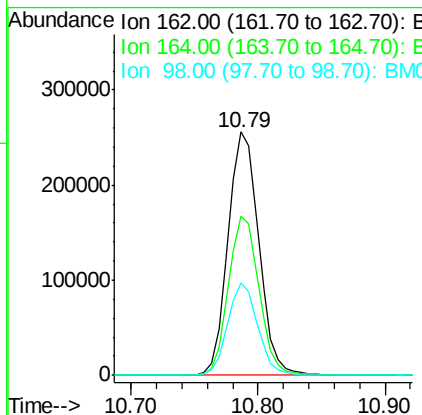
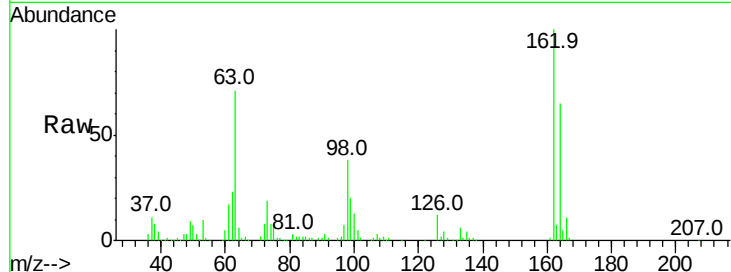


#29
 2,4-Dichlorophenol
 Concen: 56.594 ng
 RT: 10.79 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Instrument :
 BNA_M
 ClientSampled :
 PB110790BSD

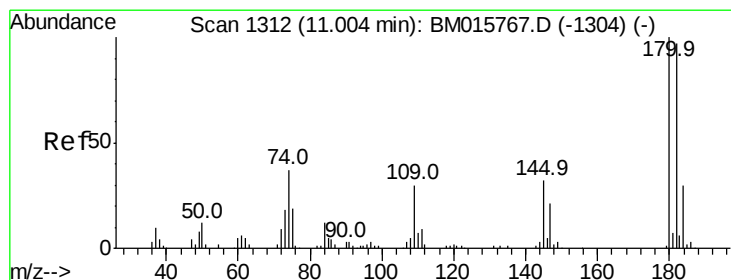
Tot Ion	Ratio	Resp	Lower	Upper
162	100	429580		
164	65.3	42.8	82.8	
98	38.2	14.5	54.5	

Manual Integrations
 APPROVED



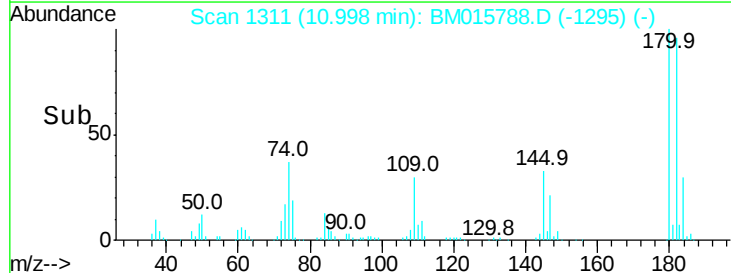
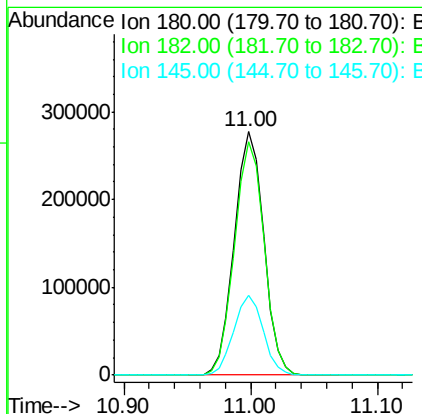
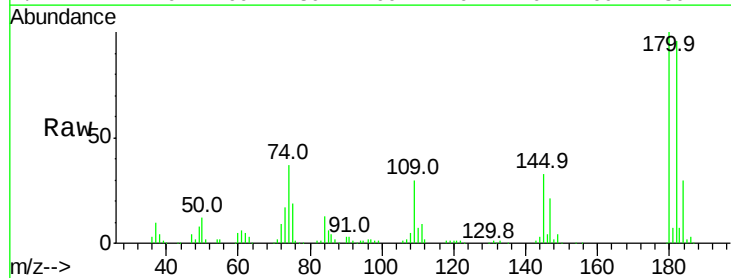
Sohil

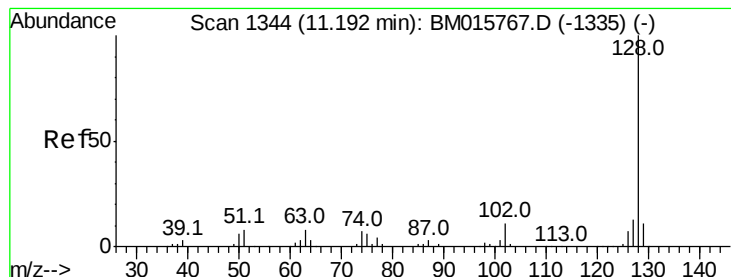
7/6/2018 5:21:56 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 50.732 ng
 RT: 11.00 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447276		
182	96.1	77.6	116.4	
145	33.0	23.4	35.2	





#31

Naphthalene

Concen: 49.617 ng

RT: 11.19 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Instrument :

BNA_M

ClientSampled :

PB110790BSD

Tot Ion:128 Resp: 1350905

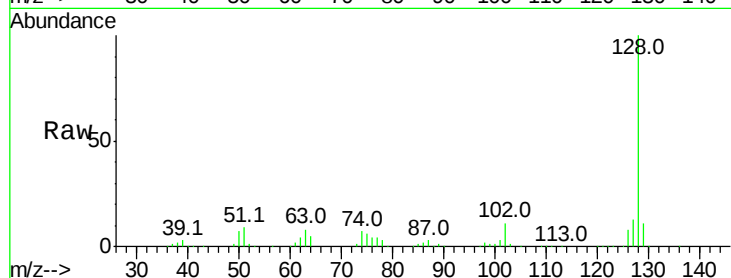
Ion Ratio Lower Upper

128 100

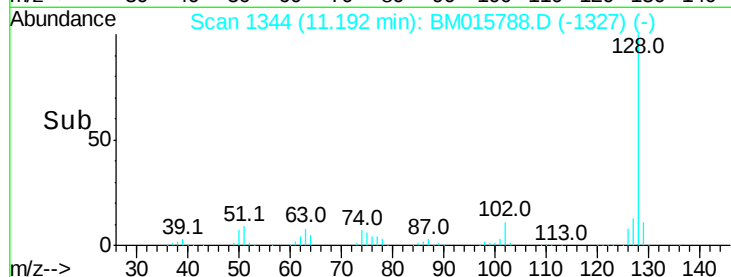
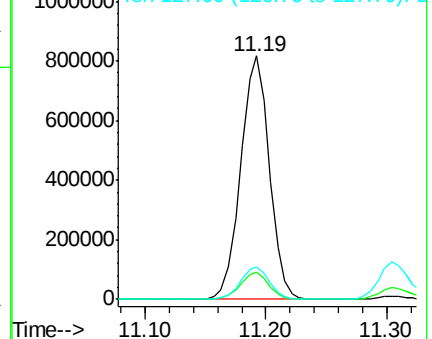
129 11.0 8.9 13.3

127 13.3 10.4 15.6

Manual Integrations
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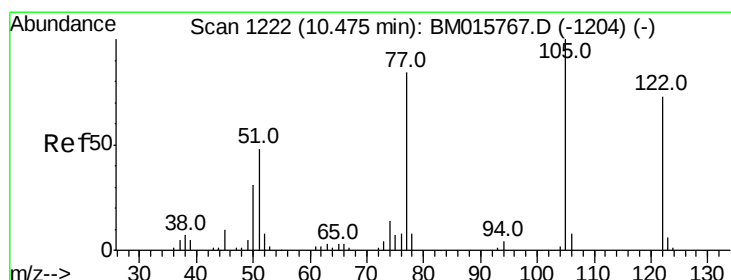


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Sohil

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#32

Benzoic acid

Concen: 45.689 ng m

RT: 10.49 min Scan# 1225

Delta R.T. 0.02 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

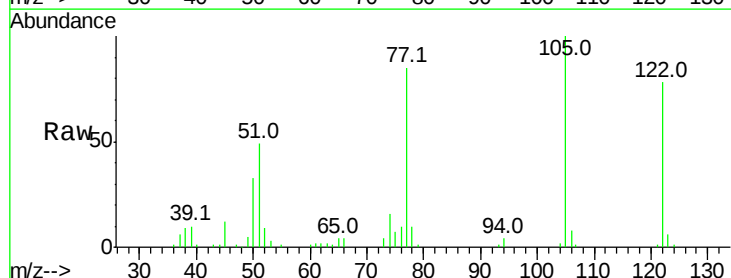
Tgt Ion:122 Resp: 277240

Ion Ratio Lower Upper

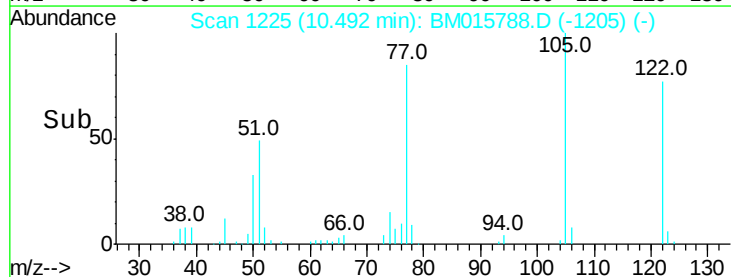
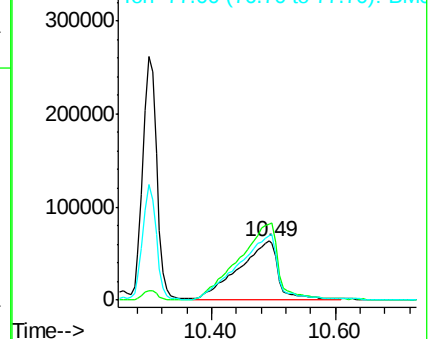
122 100

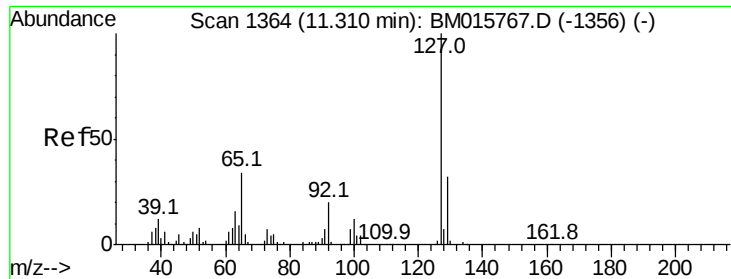
105 129.0 99.9 139.9

77 109.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM



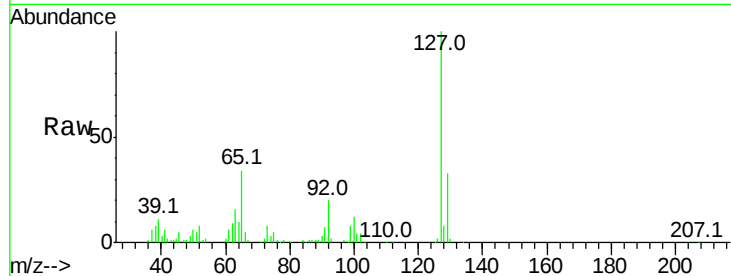


#33
4-Chloroaniline
Concen: 20.438 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

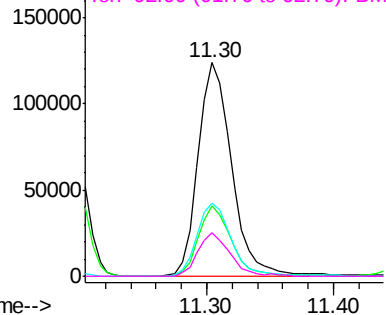
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.3	37.9	
65	34.1	17.6	26.4	
92	20.2	13.1	19.7	

Manual Integrations
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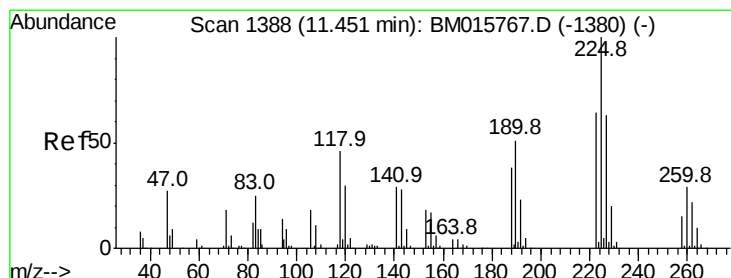


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM



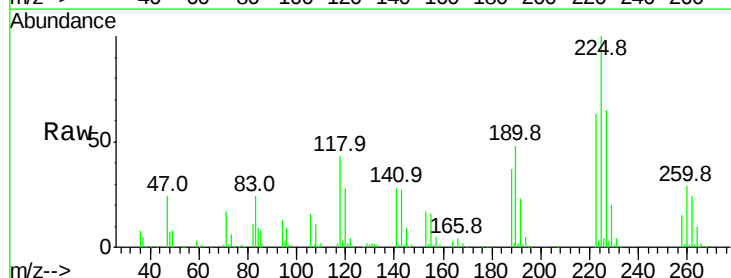
Sohil

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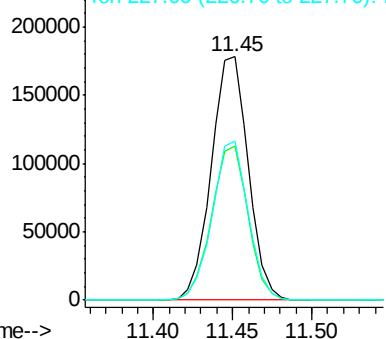


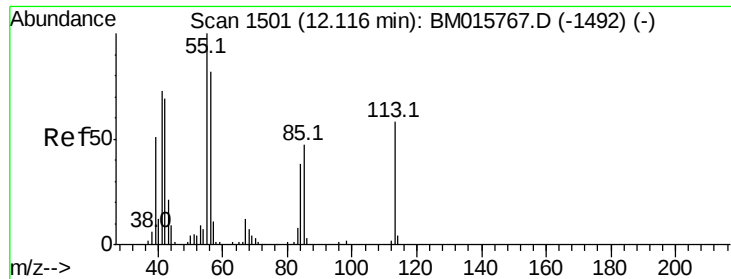
#34
Hexachlorobutadiene
Concen: 49.076 ng
RT: 11.45 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	47.9	71.9	
227	65.2	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



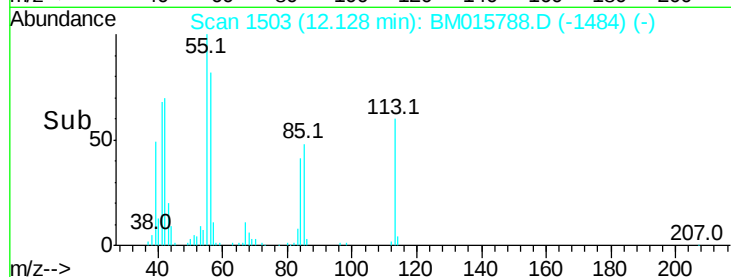
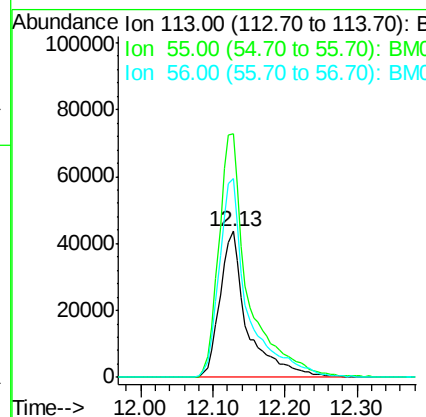
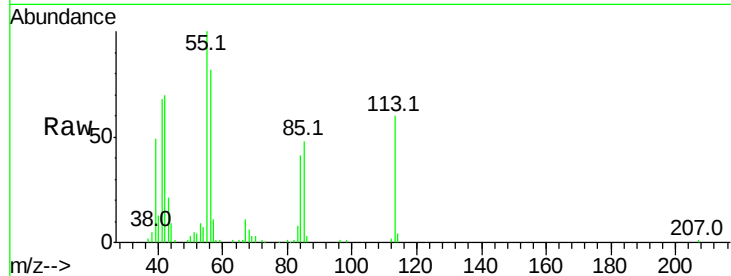


#35
Caprolactam
Concen: 46.160 ng/ml
RT: 12.13 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleID :
PB110790BSD

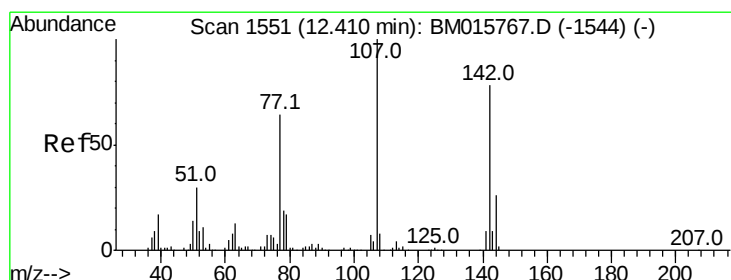
Tot Ion	Ratio	Lower	Upper
113	100		
55	166.5	145.9	185.9
56	136.4	101.0	141.0

Manual Integrations
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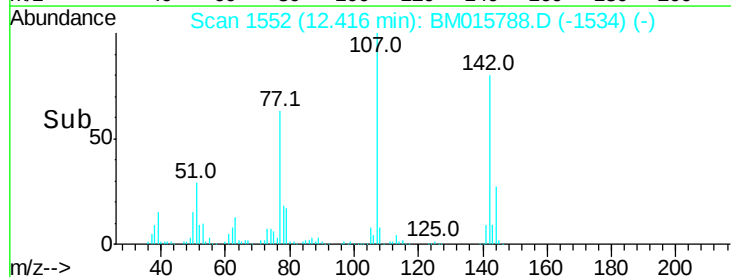
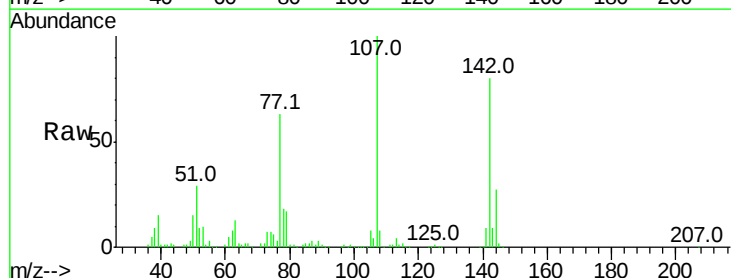
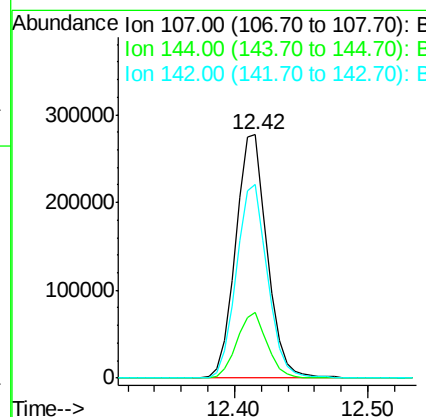
Sohil

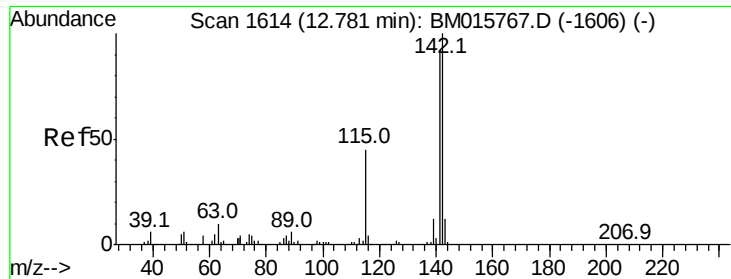
7/6/2018 5:21:56 PM



#36
4-Chloro-3-methylphenol
Concen: 52.405 ng
RT: 12.42 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	23.3	34.9
142	79.6	72.6	109.0



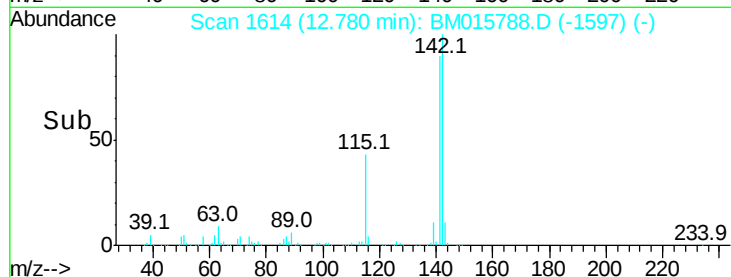
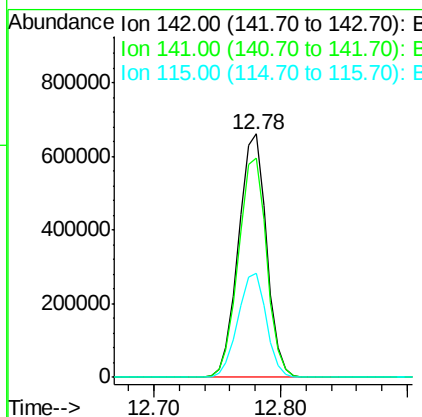
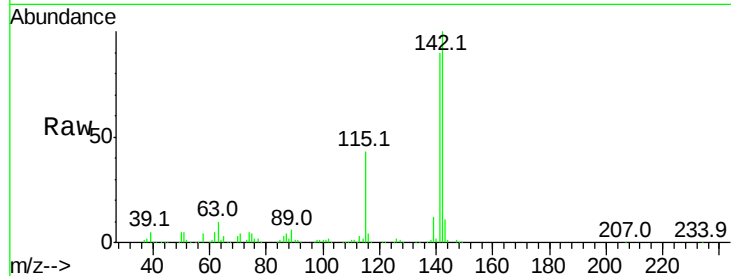


#37
2-Methylnaphthalene
Concen: 52.312 ng
RT: 12.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

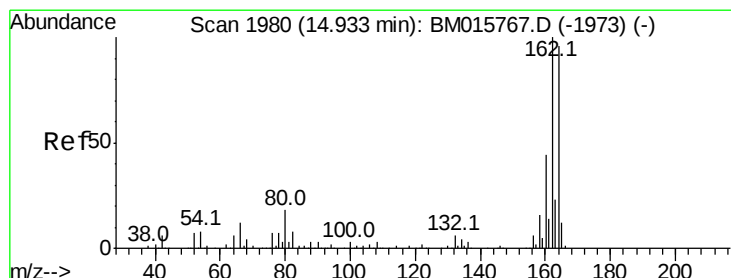
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	42.7	25.4	38.0

Manual Integrations
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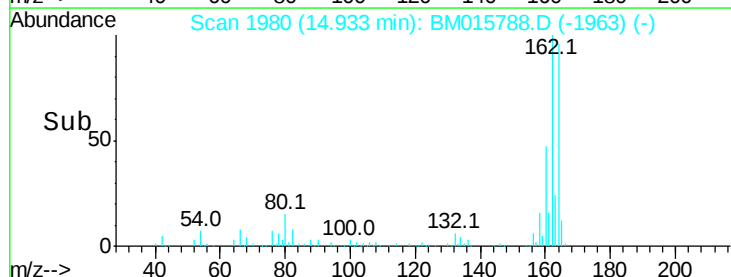
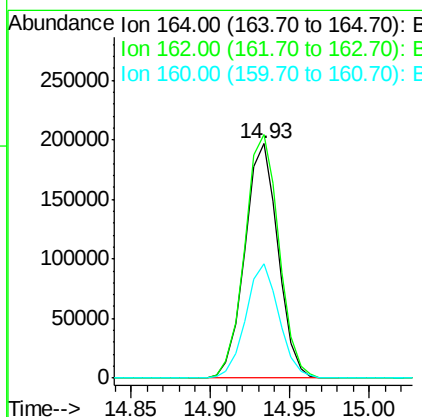
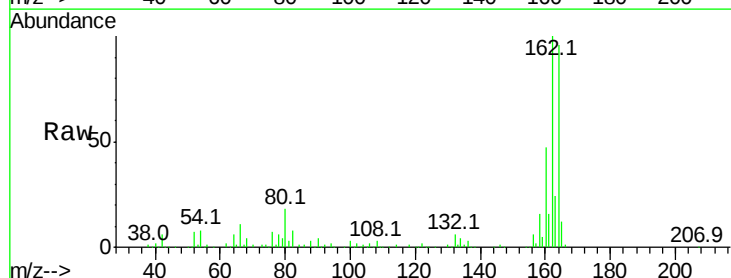
Sohil

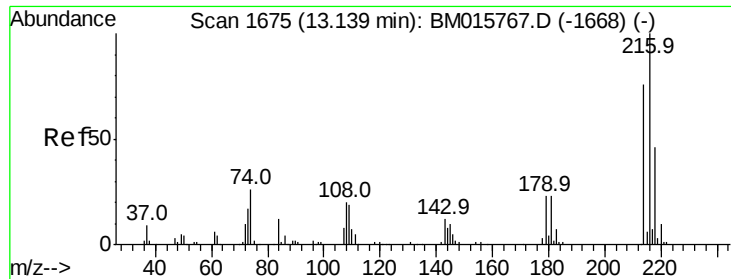
7/6/2018 5:21:56 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	48.6	35.8	53.6



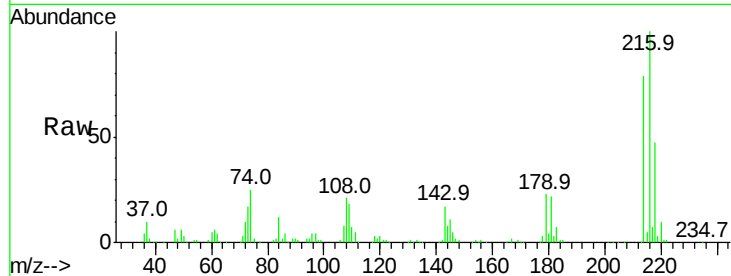


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.407 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

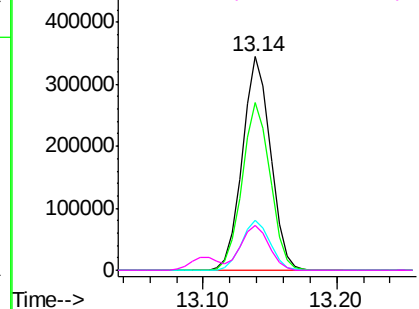
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	499712		
214	78.4	0.0	0.0#	
179	23.7	0.0	0.0#	
108	20.9	0.0	0.0#	

Manual Integrations
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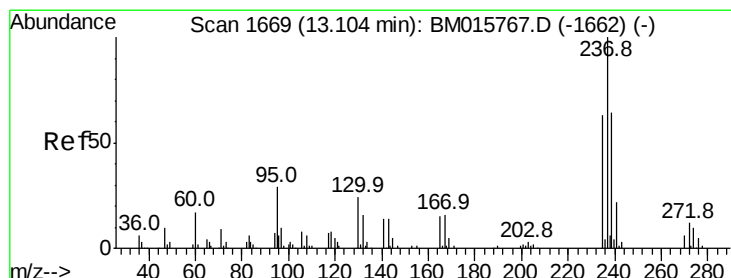
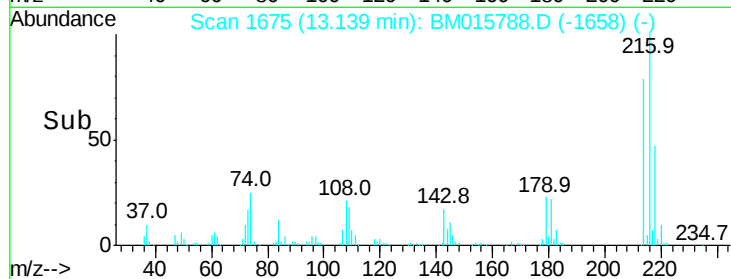


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



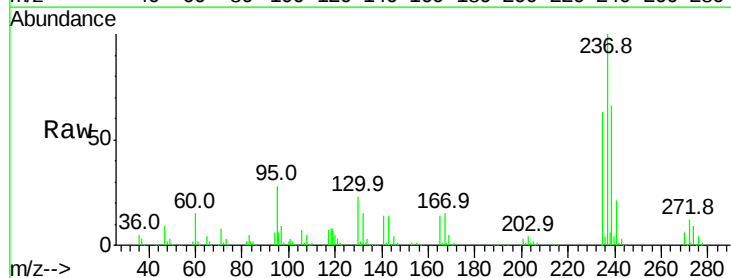
Sohil

7/6/2018 5:21:56 PM

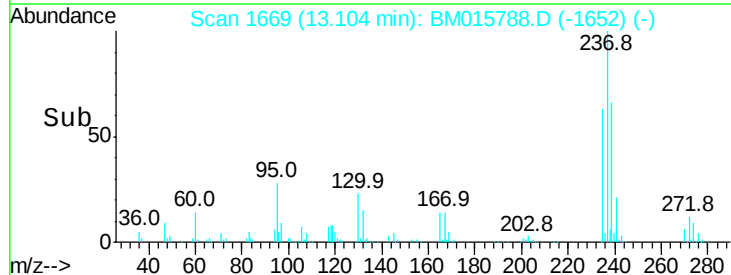
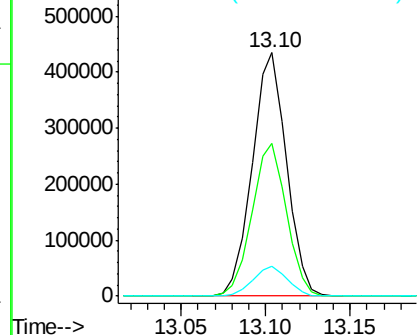


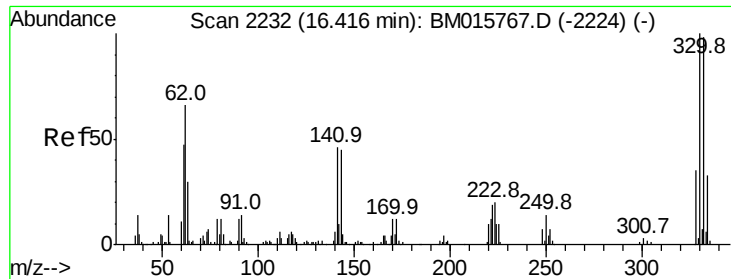
#40
 Hexachlorocyclopentadiene
 Concen: 136.145 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	616199		
235	62.9	42.0	82.0	
272	12.2	0.0	33.4	



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



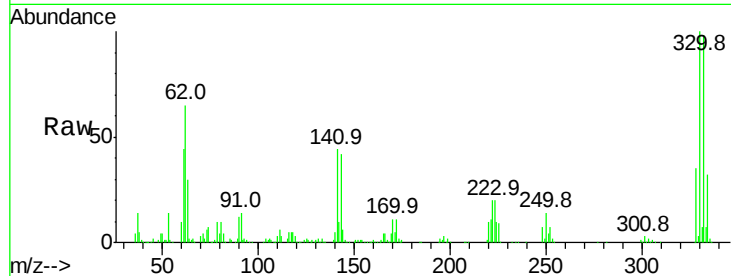


#41
 2,4,6-Tribromophenol
 Concen: 136.145 ng
 RT: 16.42 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

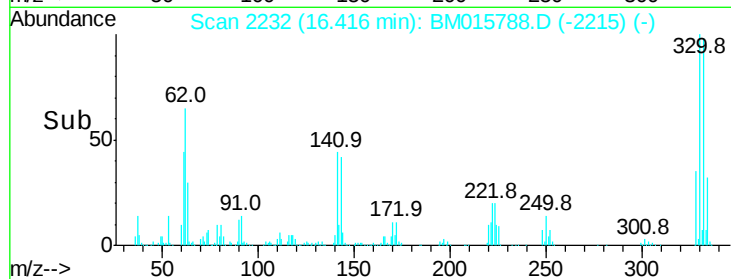
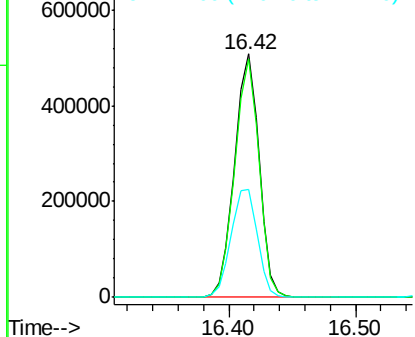
Instrument :
 BNA_M
 ClientSampleID :
 PB110790BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.7	0.0	0.0#
141	47.7	0.0	0.0#

Manual Integrations
 APPROVED

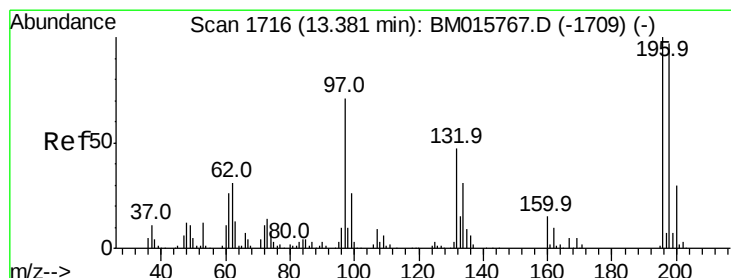


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



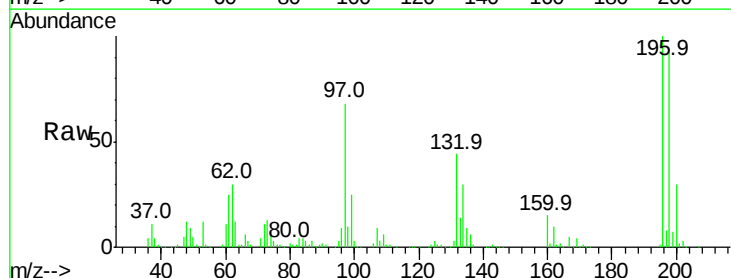
Sohil

7/6/2018 5:21:56 PM

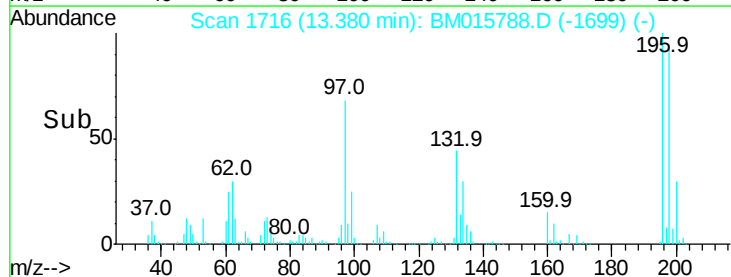
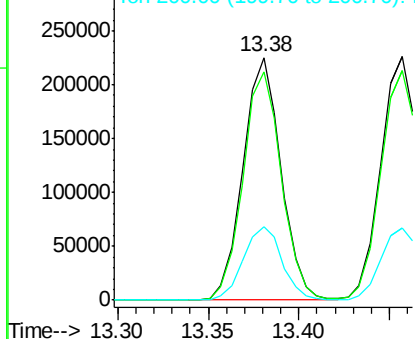


#42
 2,4,6-Trichlorophenol
 Concen: 56.502 ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.1	76.3	114.5
200	30.2	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



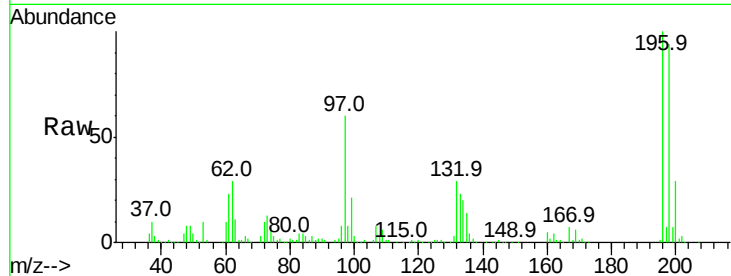


#43
2,4,5-Trichlorophenol
Concen: 54.612 ng
RT: 13.46 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	342506		
198	94.3	79.4	119.0	
97	59.6	26.8	40.2	#
132	28.8	18.6	28.0	#

Manual Integrations
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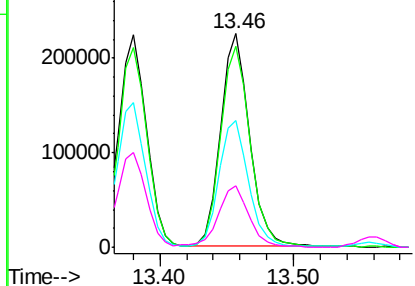
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

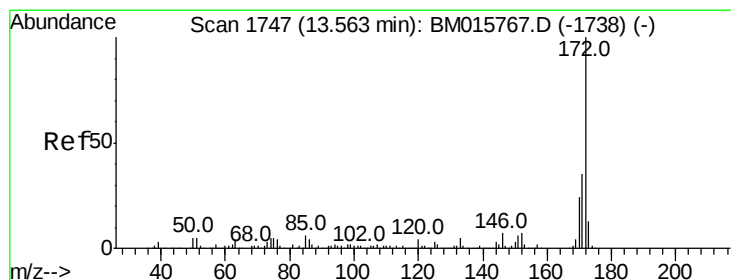
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



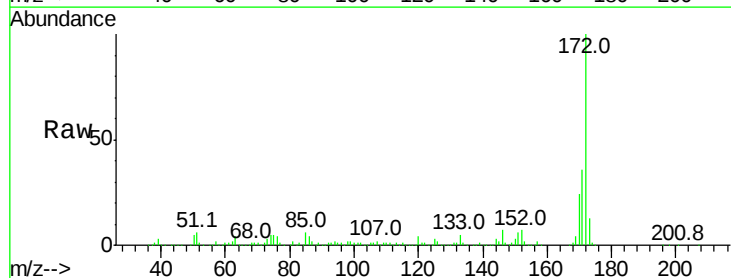
Sohil

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#44
2-Fluorobiphenyl
Concen: 54.612 ng
RT: 13.56 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2636361		
171	36.2	28.5	42.7	
170	24.2	18.8	28.2	

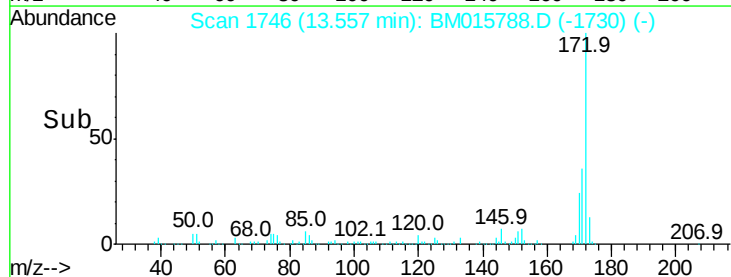
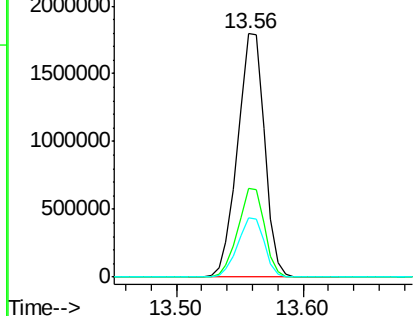


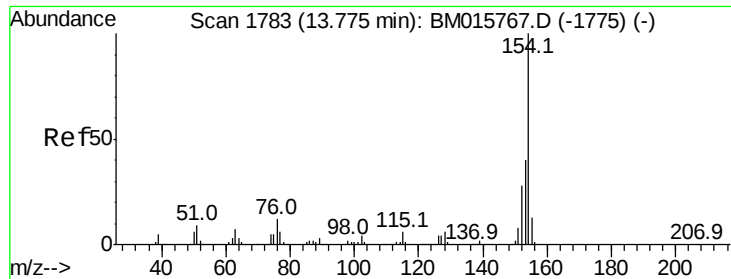
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



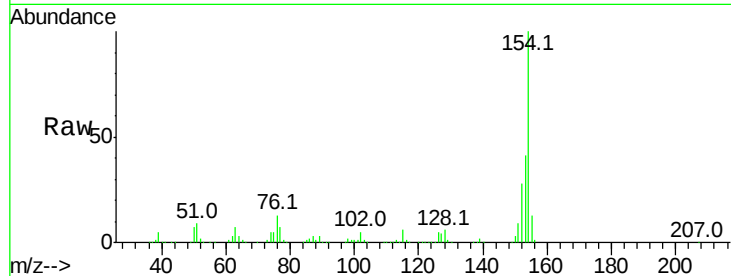


#45
1,1'-Biphenyl
Concen: 51.555 ng
RT: 13.77 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

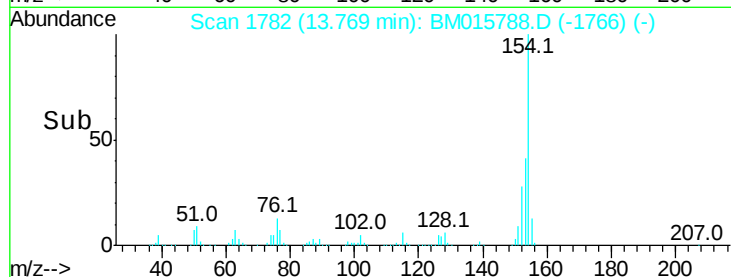
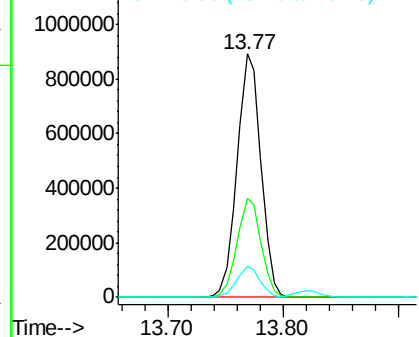
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	12.7	0.0	30.9

Manual Integrations
APPROVED

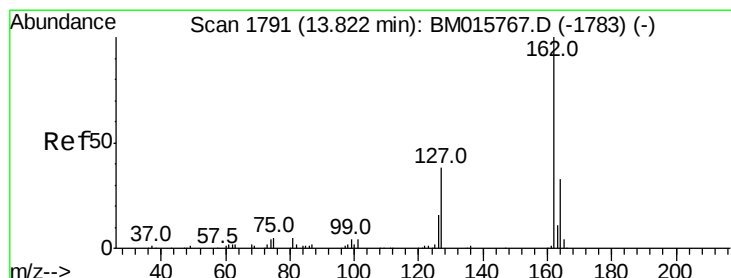


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



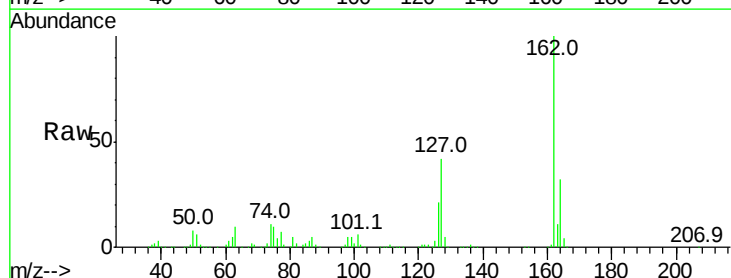
Sohil

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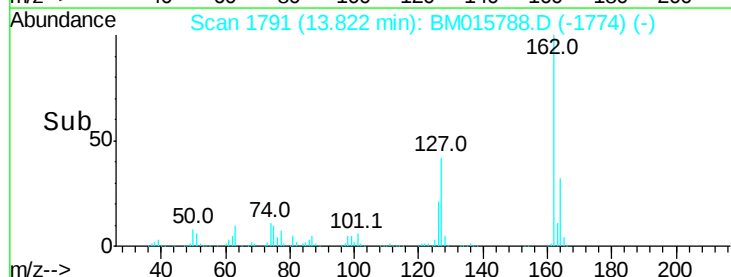
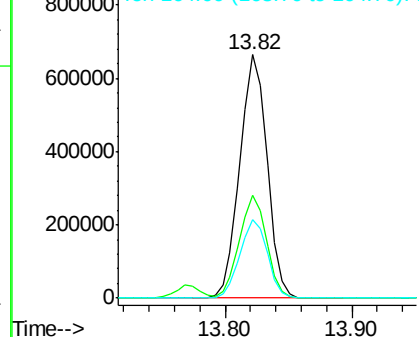


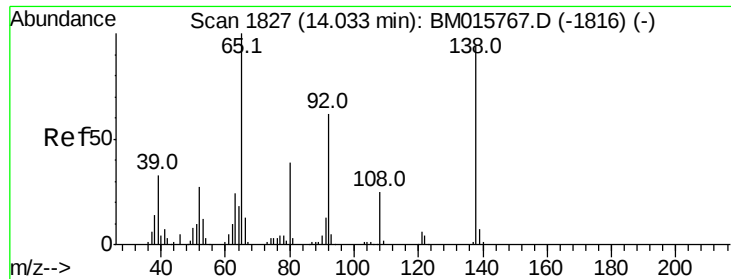
#46
2-Chloronaphthalene
Concen: 53.424 ng
RT: 13.82 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	26.9	40.3#
164	32.3	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



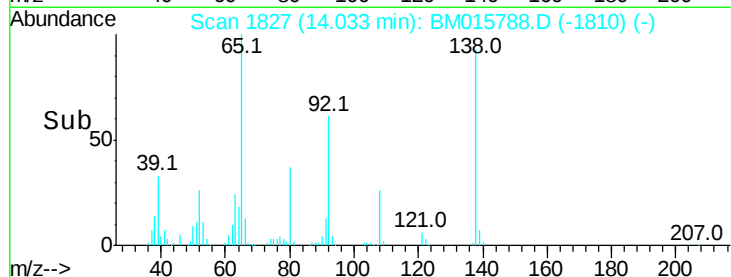
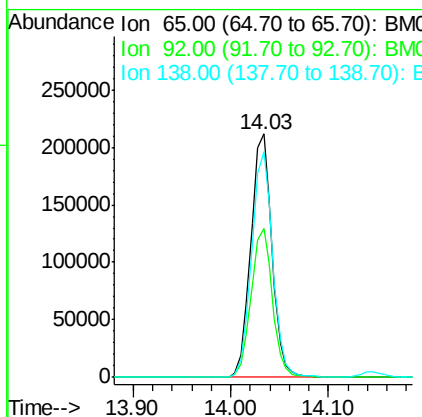
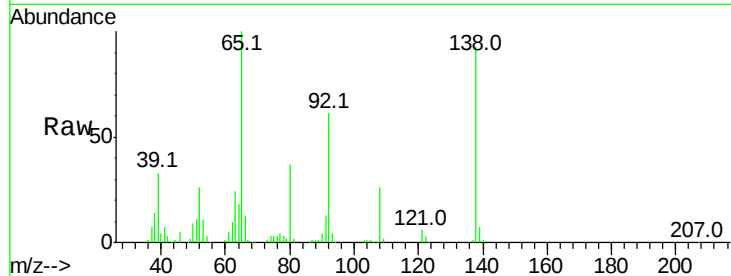


#47
2-Nitroaniline
Concen: 50.425 ng
RT: 14.03 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

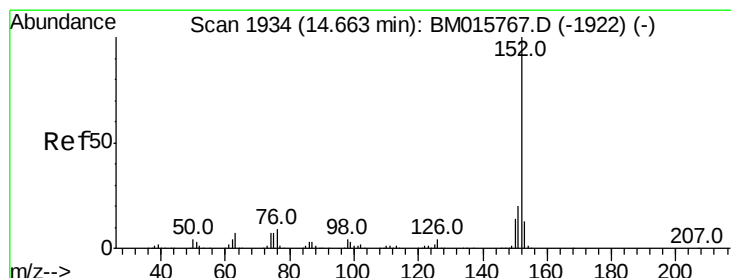
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.2	59.1	88.7
138	92.7	93.9	140.9

Manual Integrations
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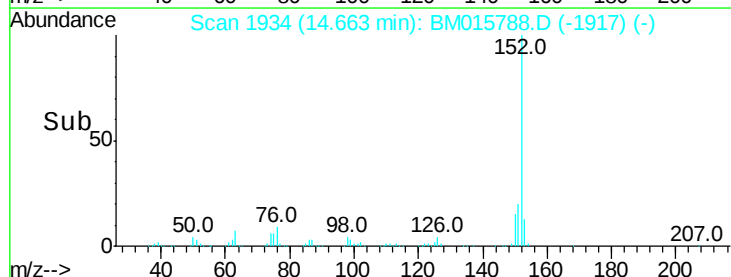
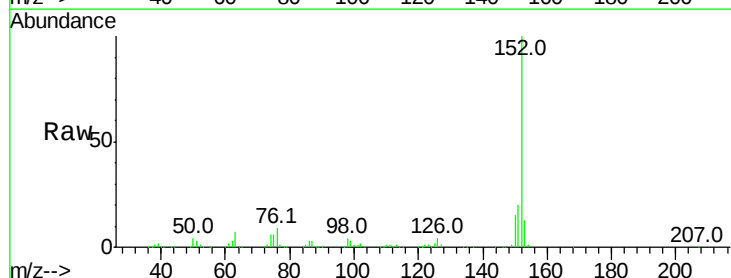
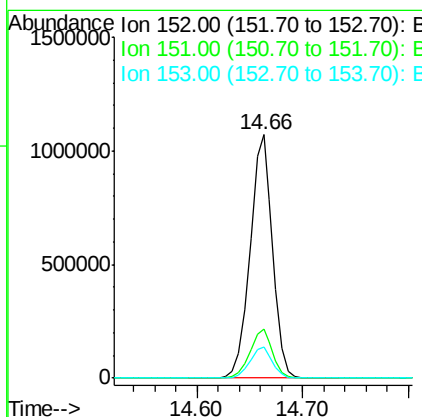
Sohil

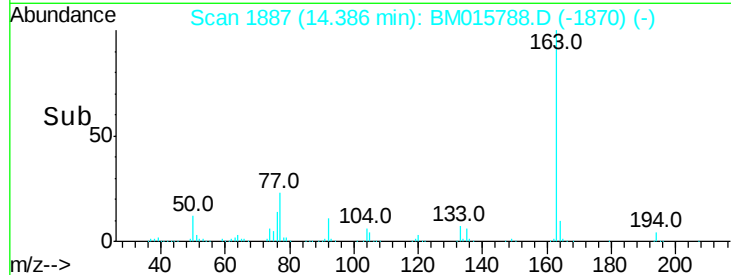
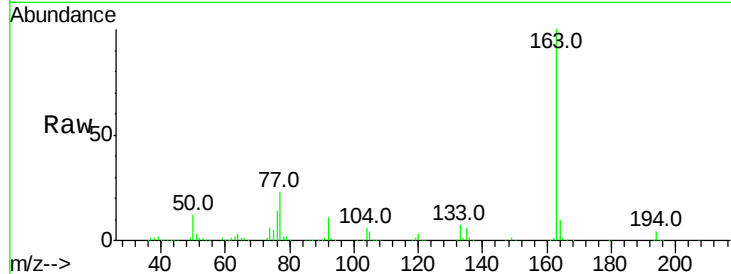
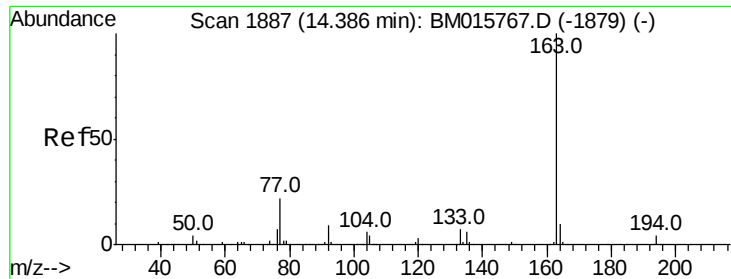
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#48
Acenaphthylene
Concen: 52.379 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.0	10.6	16.0





#49

Dimethylphthalate

Concen: 48.789 ng

RT: 14.39 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Tot Ion:	163	Resp:	1231323
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

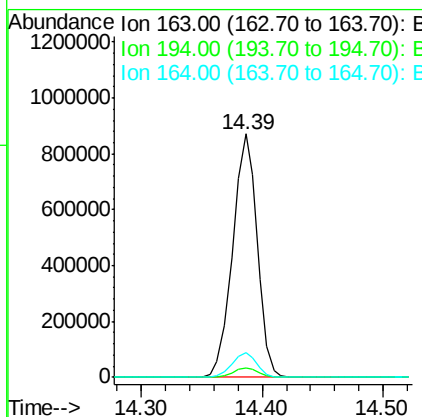
Instrument :

BNA_M

ClientSampleId :

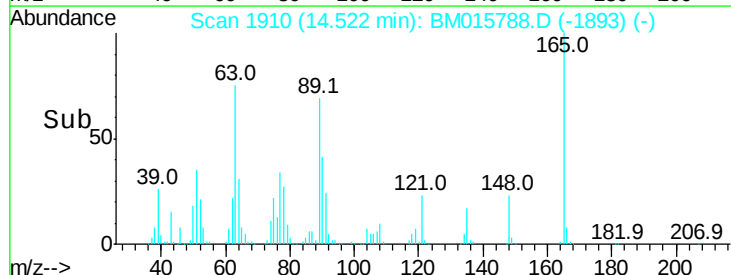
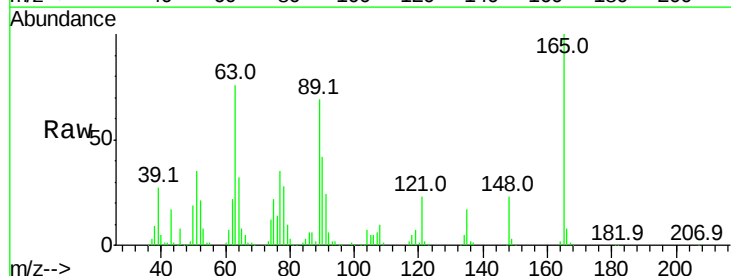
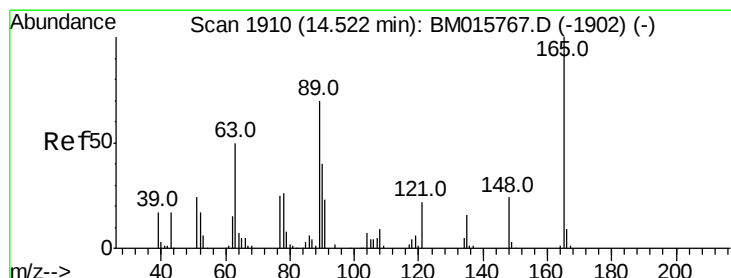
PB110790BSD

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#50

2,6-Dinitrotoluene

Concen: 52.371 ng

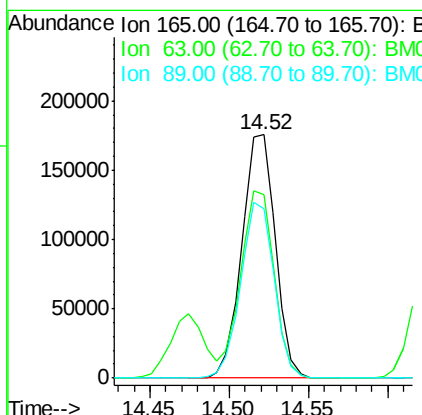
RT: 14.52 min Scan# 1910

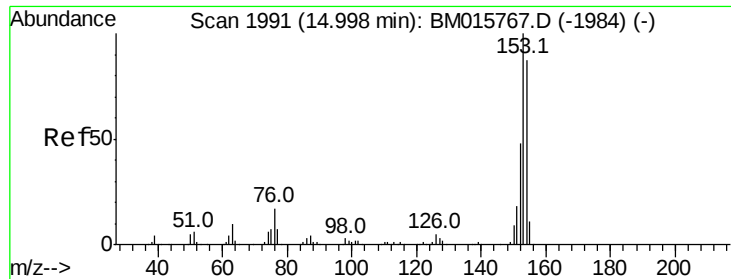
Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Tgt Ion:	165	Resp:	257711
Ion	Ratio	Lower	Upper
165	100		
63	75.5	44.1	66.1#
89	69.3	44.3	66.5#



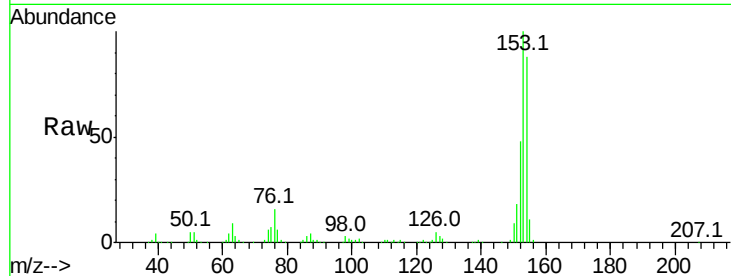


#51
Acenaphthene
Concen: 48.554 ng
RT: 15.00 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

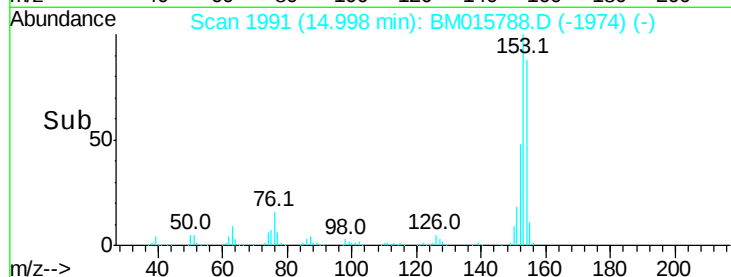
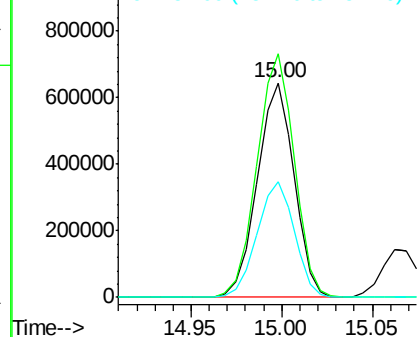
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.0	135.0
152	54.1	42.6	63.8

Manual Integrations
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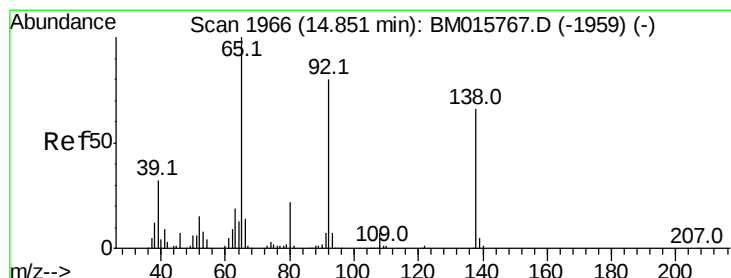


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



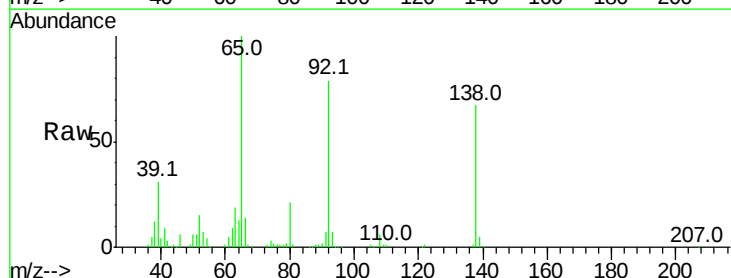
Sohil

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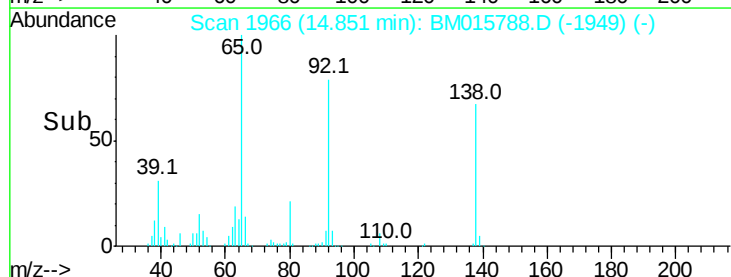
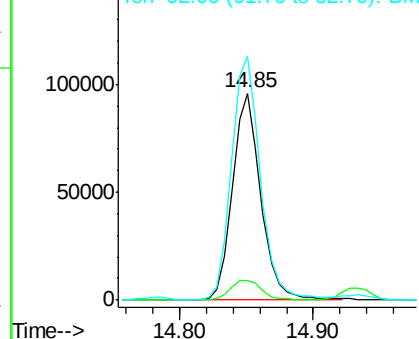


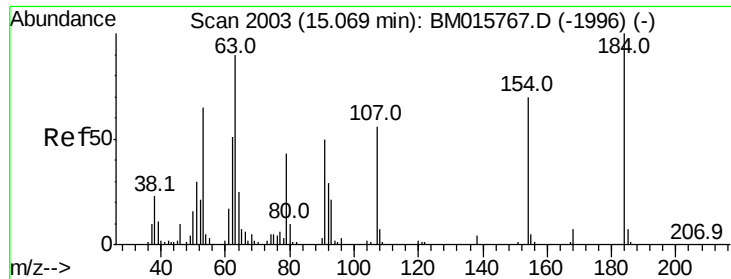
#52
3-Nitroaniline
Concen: 26.481 ng
RT: 14.85 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.3	10.9
92	117.7	76.6	114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM



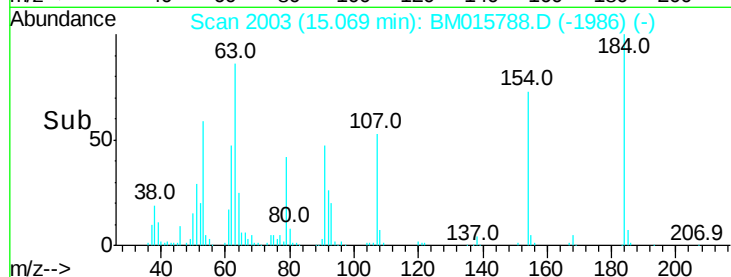
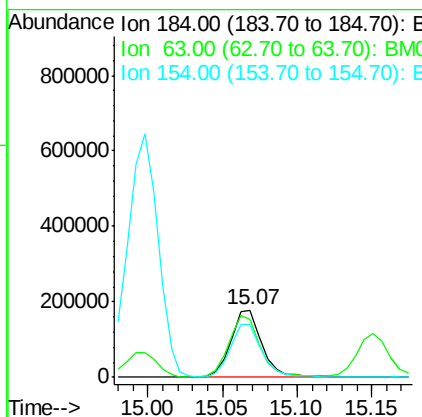
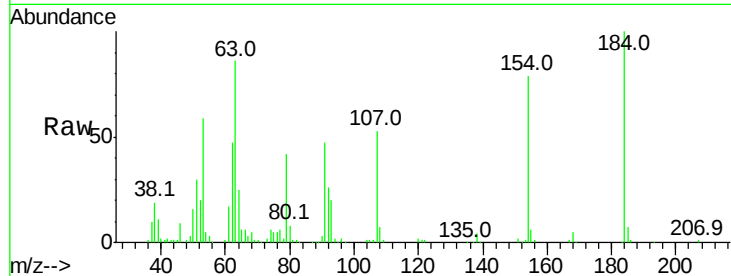


#53
 2,4-Dinitrophenol
 Concen: 104.551 ng
 RT: 15.07 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

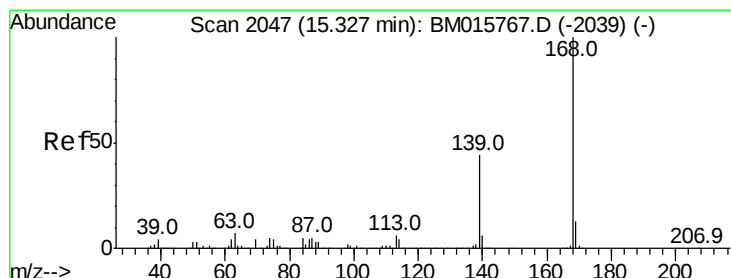
Tot Ion	Ratio	Resp	Lower	Upper
184	100	263253		
63	86.5	69.2	103.8	
154	79.0	53.3	79.9	

Manual Integrations
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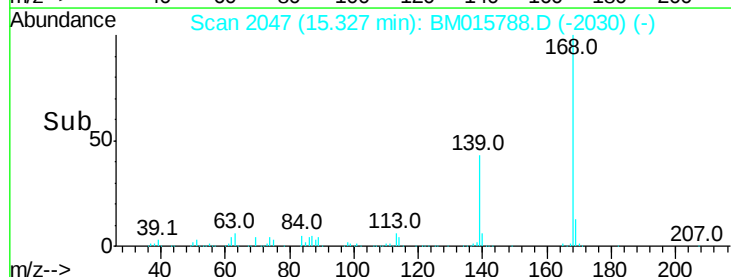
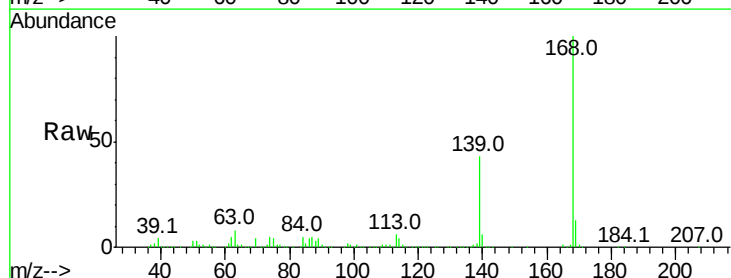
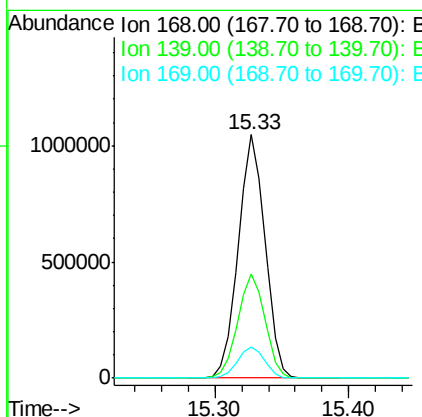
Sohil

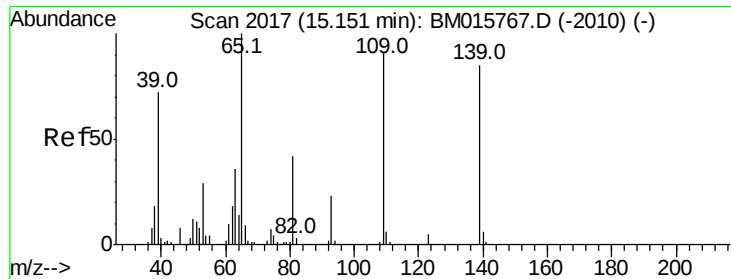
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#54
 Dibenzofuran
 Concen: 50.375 ng
 RT: 15.33 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1453564		
139	43.0	27.3	40.9#	
169	12.9	10.6	16.0	



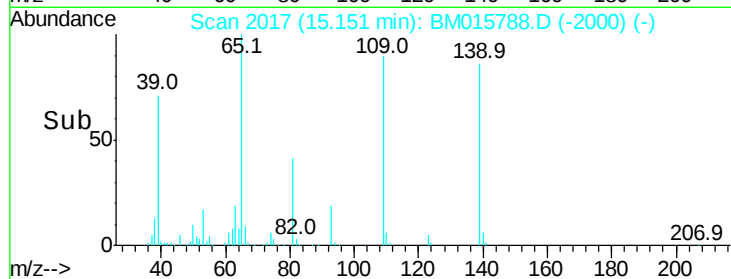
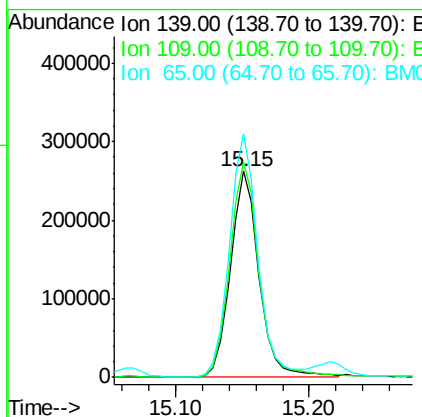
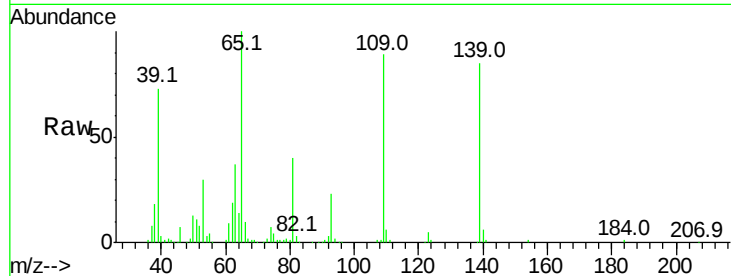


#55
4-Nitrophenol
Concen: 99.155 ng
RT: 15.15 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

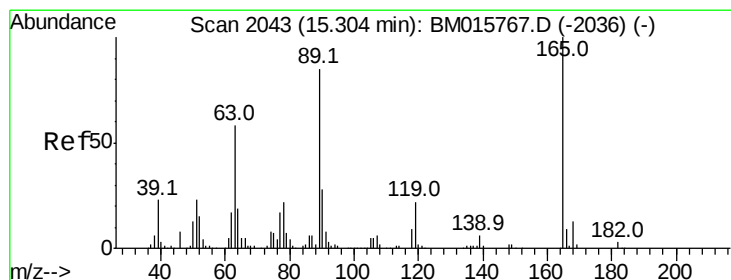
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	104.8	130.0	170.0#	
65	118.2	130.0	170.0#	

Manual Integrations
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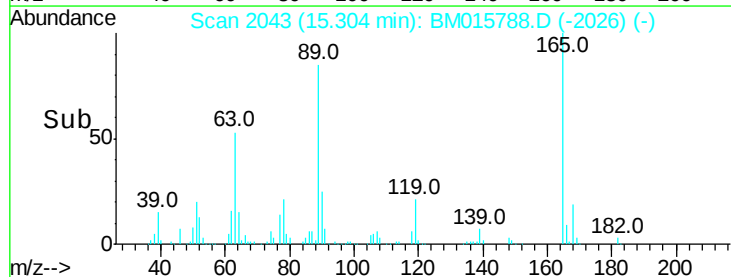
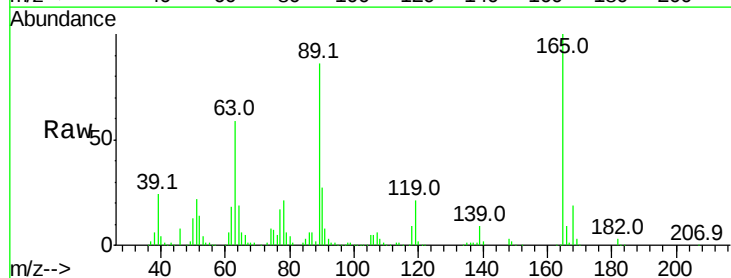
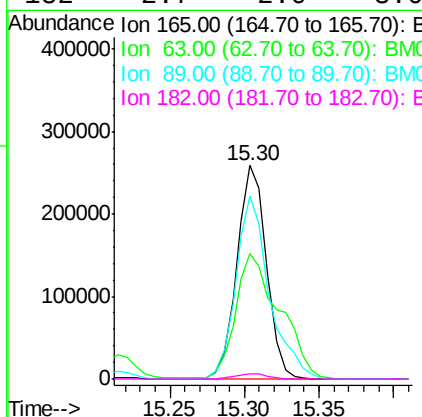
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#56
2,4-Dinitrotoluene
Concen: 49.899 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.9	52.4	78.6	
89	85.5	72.4	108.6	
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 49.200 ng

RT: 15.97 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:166 Resp: 1170700

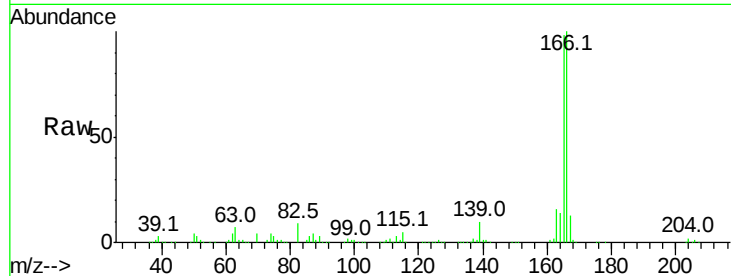
Ion Ratio Lower Upper

166 100

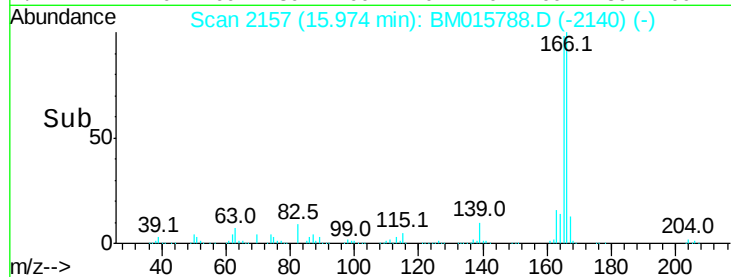
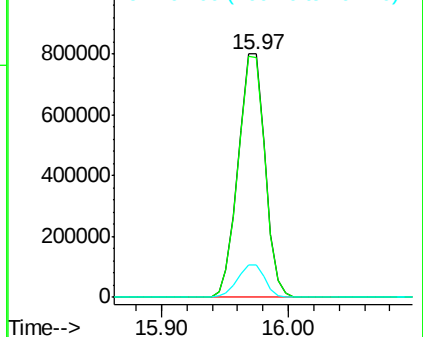
165 98.4 79.0 118.4

167 13.4 10.3 15.5

Manual Integrations
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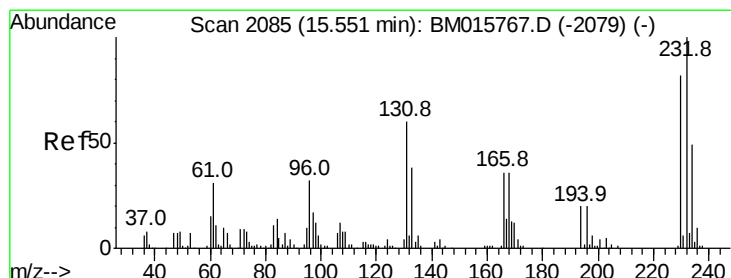


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.986 ng

RT: 15.55 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BM015788.D

Acq: 06 Jul 2018 06:28

Tgt Ion:232 Resp: 291000

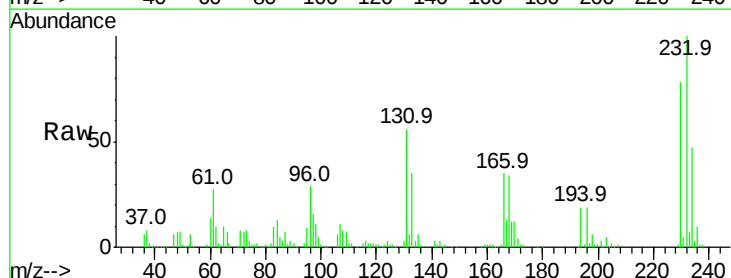
Ion Ratio Lower Upper

232 100

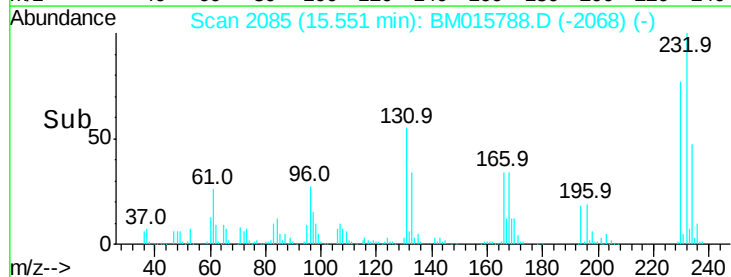
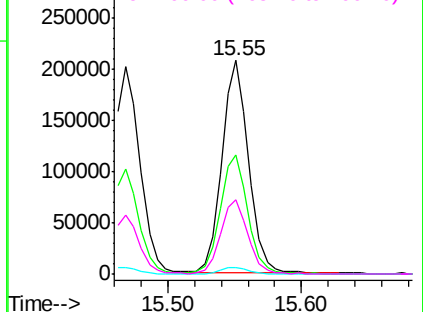
131 57.1 0.0 0.0#

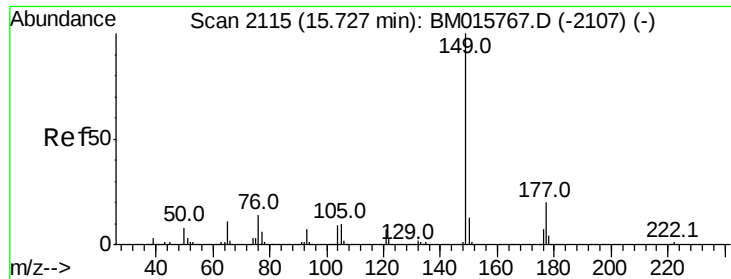
130 3.5 0.0 0.0#

166 35.2 0.0 0.0#



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



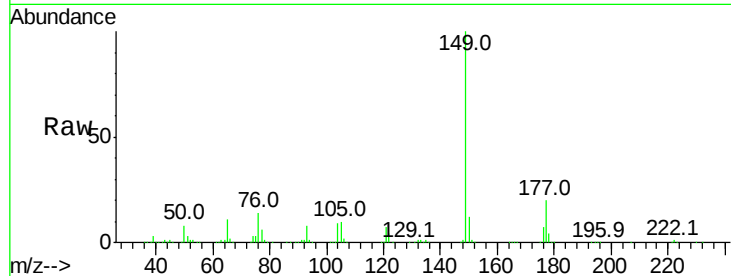


#59
Diethylphthalate
Concen: 46.685 ng
RT: 15.73 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

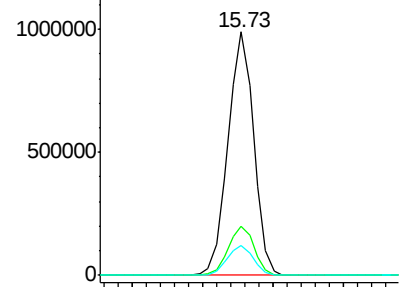
Instrument :
BNA_M
ClientSampled :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	18.3	27.5
150	12.4	9.8	14.8

Manual Integrations
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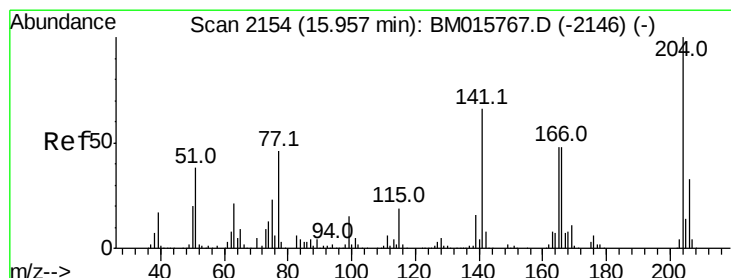
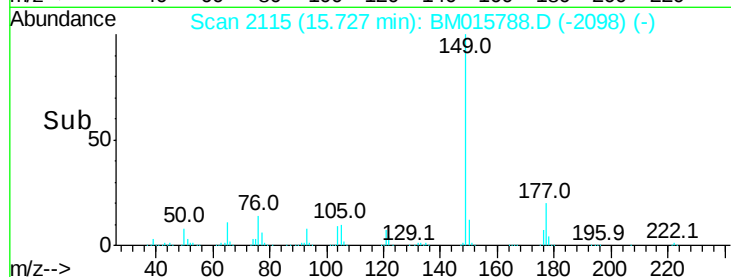


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



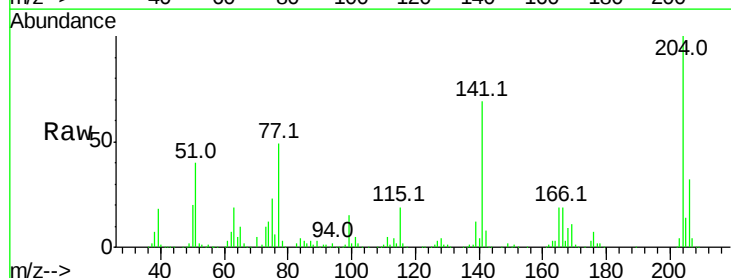
Sohil

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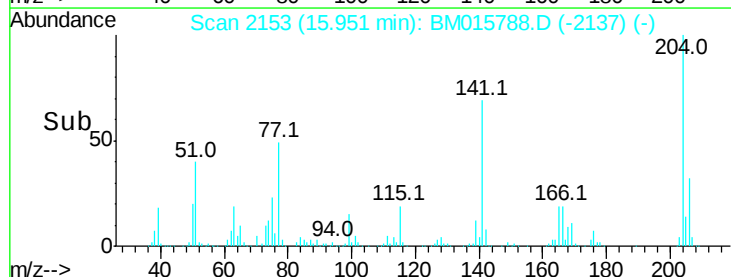
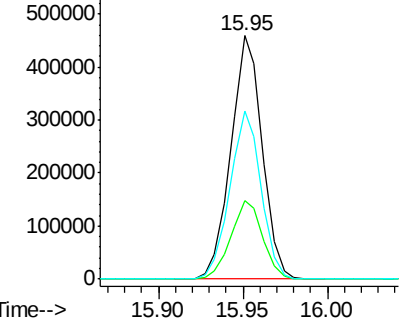


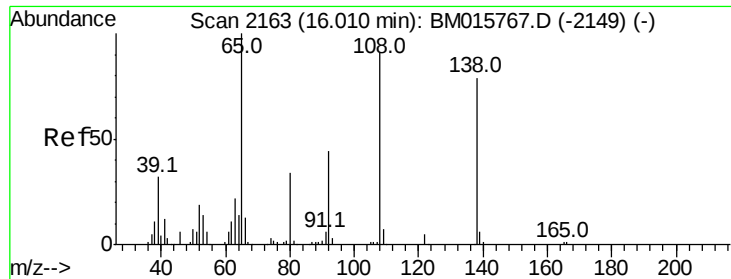
#60
4-Chlorophenyl-phenylether
Concen: 48.312 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	69.0	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



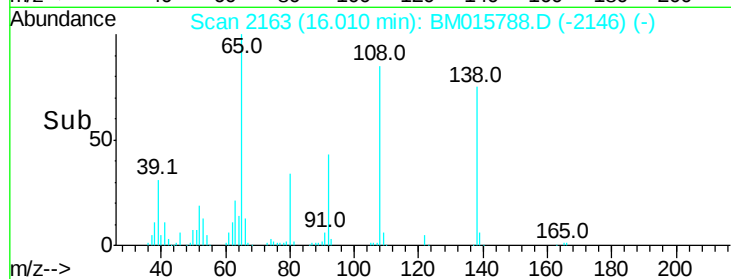
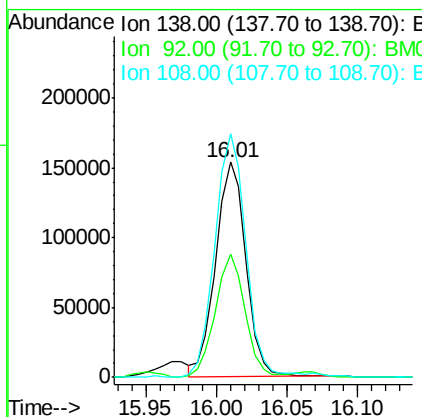
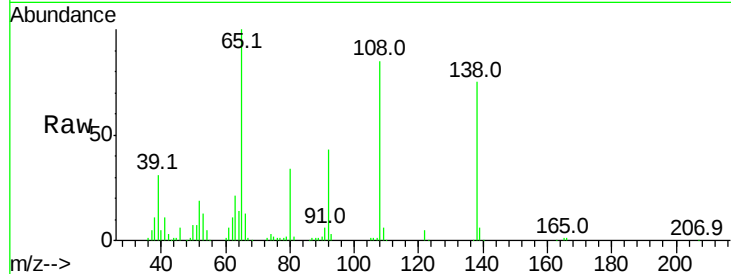


#61
4-Nitroaniline
Concen: 40.991 ng
RT: 16.01 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

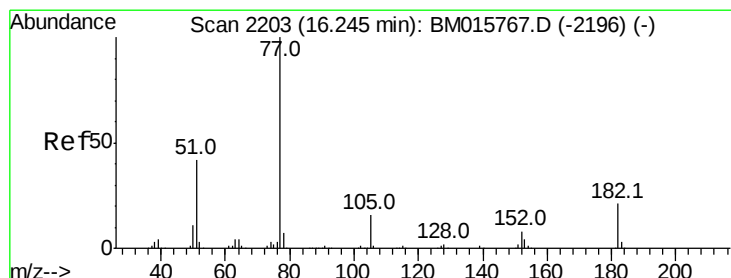
Tot Ion	Ratio	Lower	Upper
138	100		
92	57.5	16.7	56.7#
108	113.2	37.6	77.6#

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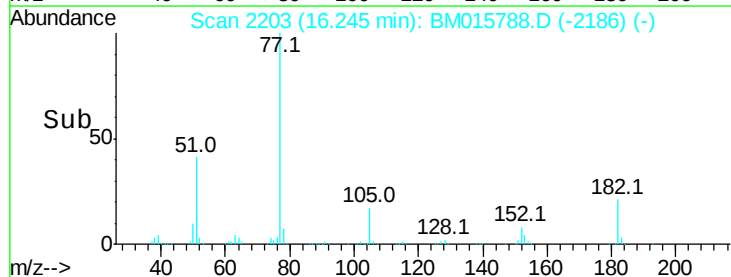
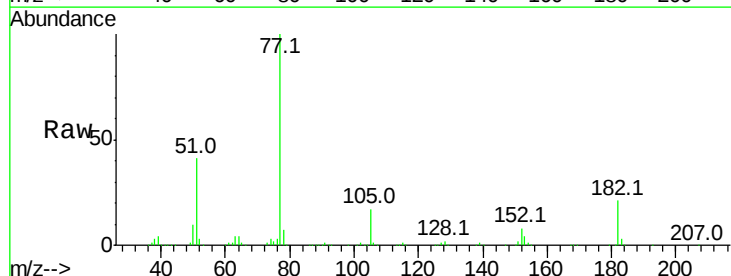
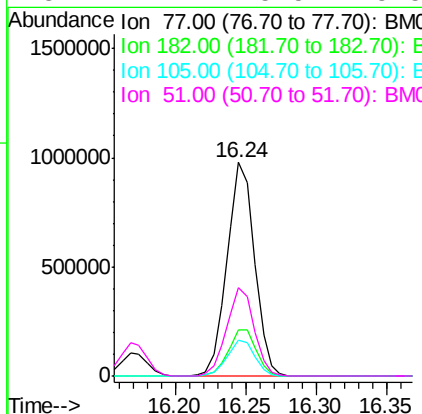
Sohil

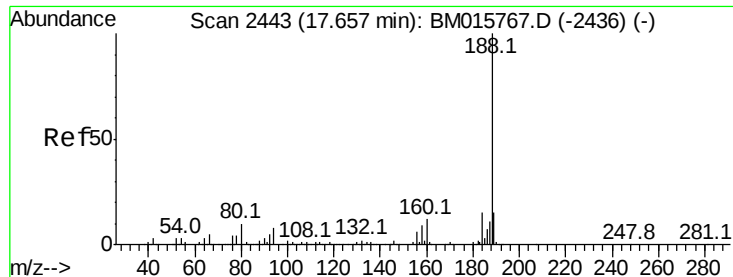
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#62
Azobenzene
Concen: 52.195 ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	6.5	46.5
105	16.7	3.8	43.8
51	41.1	5.5	45.5



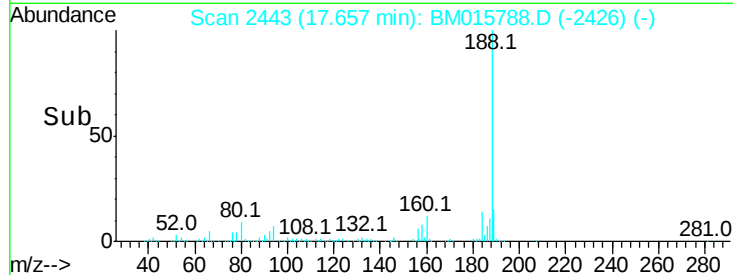
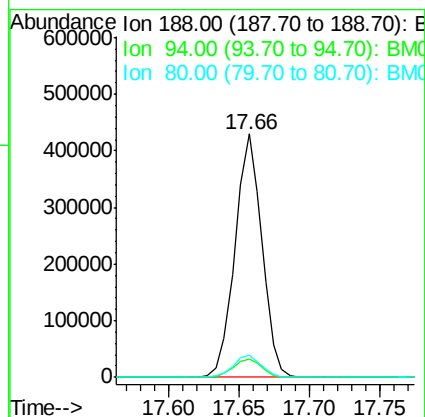
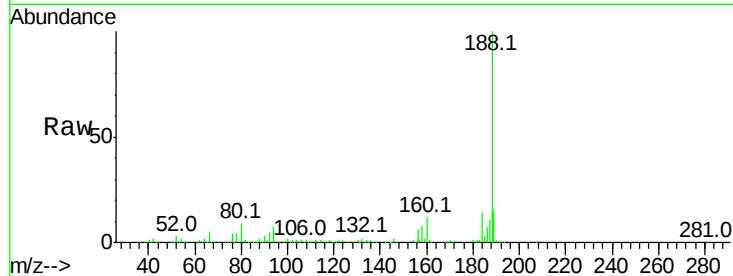


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

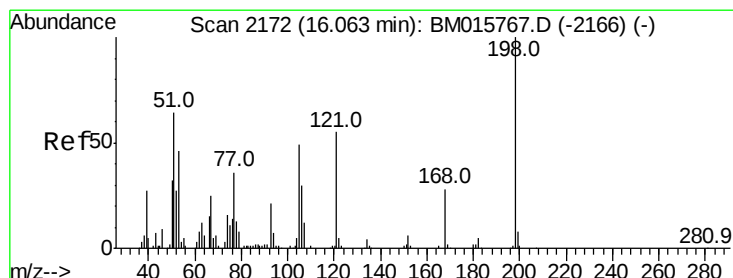
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	8.7	13.1#
80	9.0	9.3	13.9#

Manual Integrations
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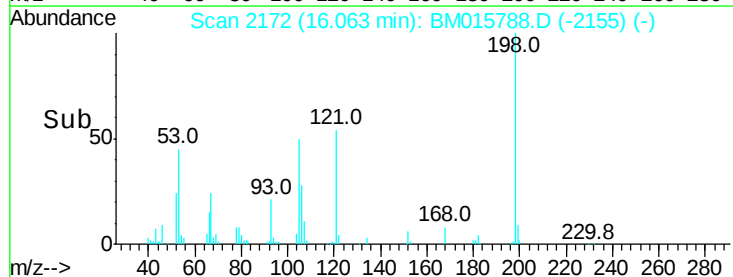
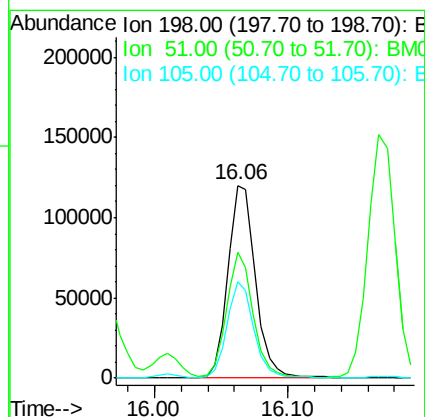
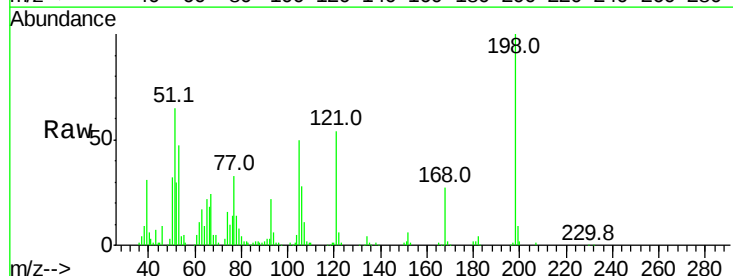
Sohil

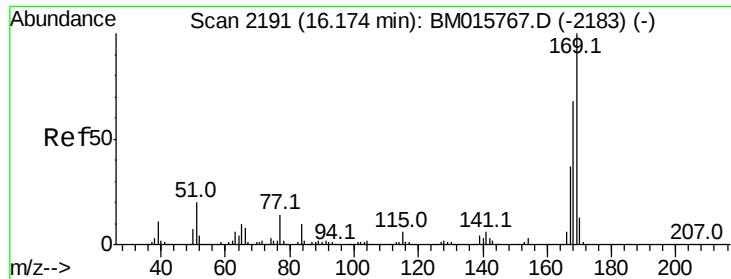
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.587 ng
RT: 16.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.2	28.8	68.8
105	50.1	30.5	70.5



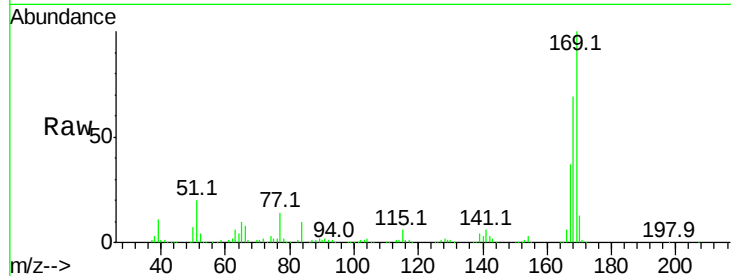


#65
n-Nitrosodiphenylamine
Concen: 50.731 ng
RT: 16.17 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

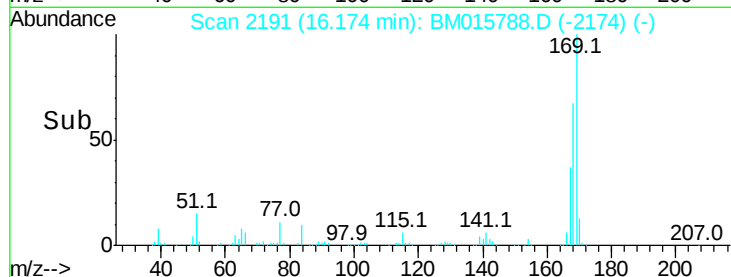
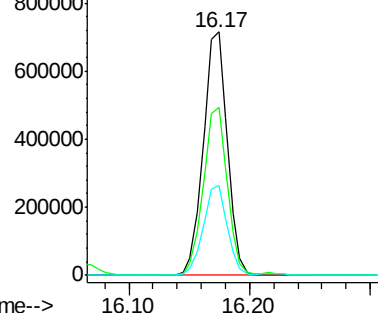
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.0	53.9	80.9	
167	37.0	28.9	43.3	

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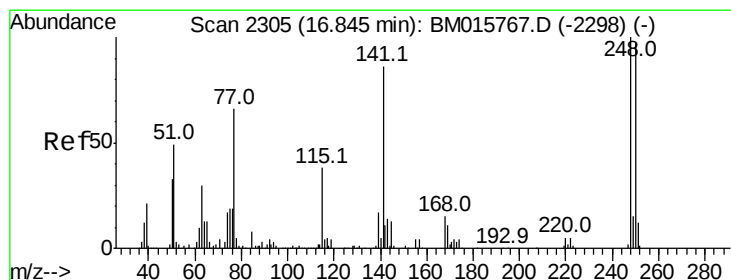


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



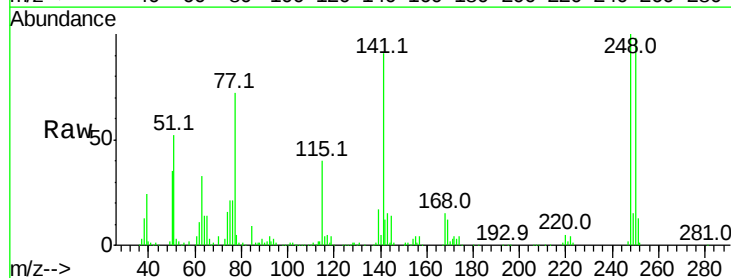
Sohil

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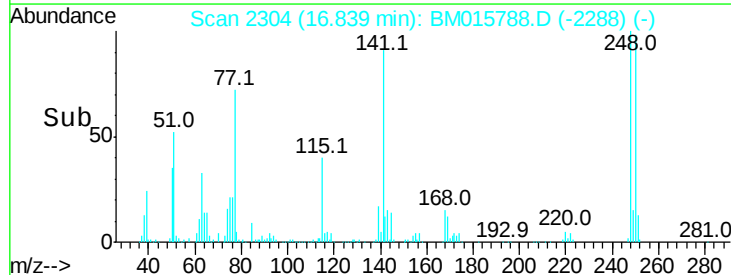
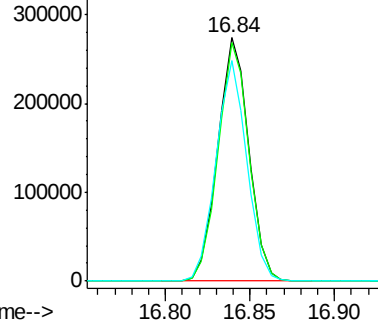


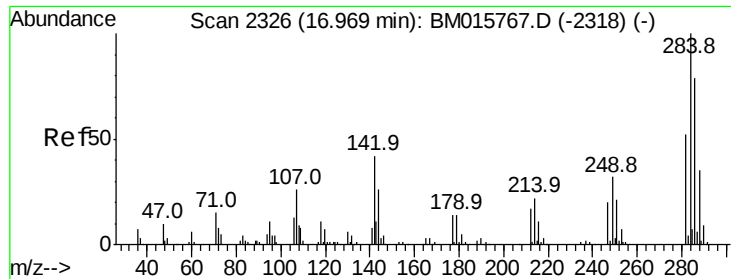
#66
4-Bromophenyl-phenylether
Concen: 55.145 ng
RT: 16.84 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.8	77.4	116.0	
141	90.8	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



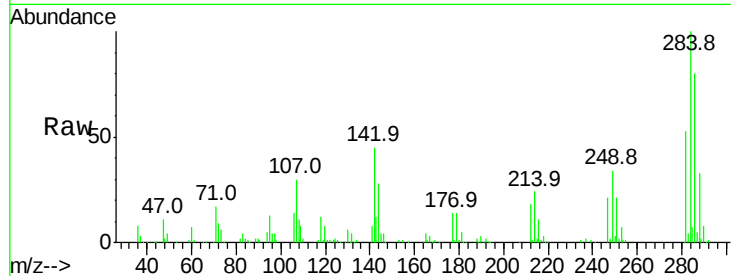


#67
Hexachlorobenzene
Concen: 53.375 ng
RT: 16.96 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

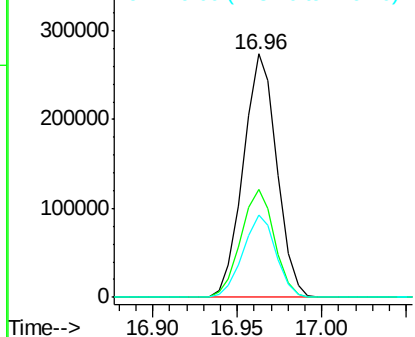
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	378884		
142	44.6	20.4	30.6#	
249	33.9	23.8	35.6	

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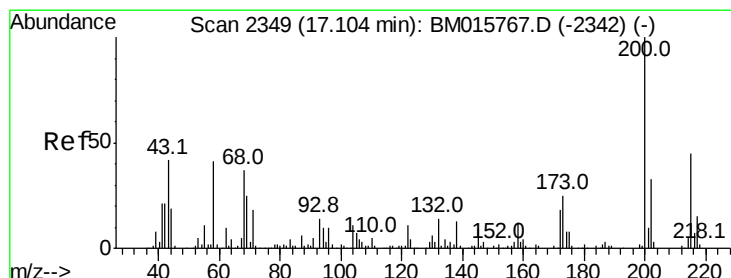


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



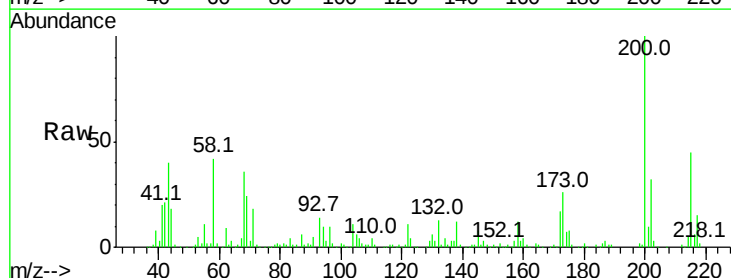
Sohil

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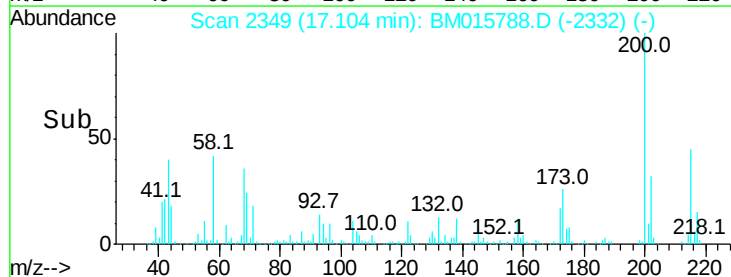
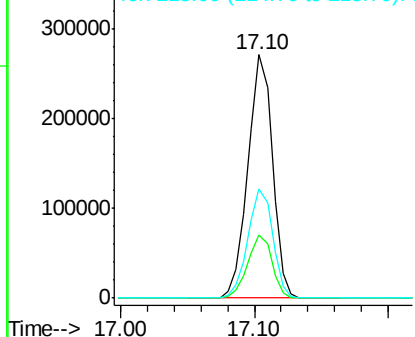


#68
Atrazine
Concen: 53.339 ng
RT: 17.10 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	342036		
173	26.0	4.8	44.8	
215	44.9	26.9	66.9	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



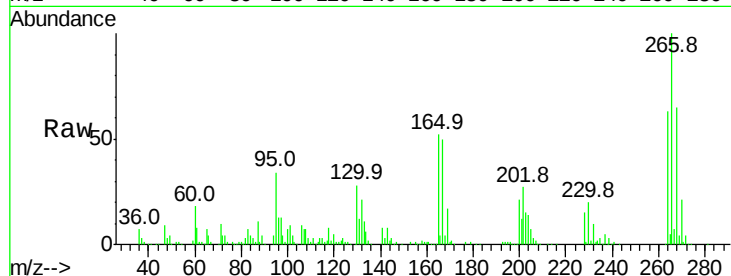


#69
 Pentachlorophenol
 Concen: 91.612 ng
 RT: 17.31 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

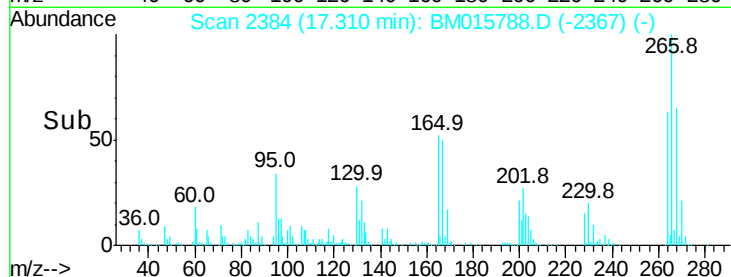
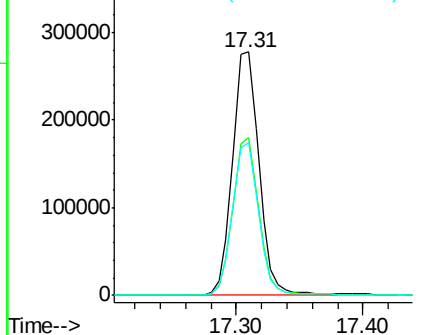
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.6	52.0	78.0	
264	62.8	49.0	73.4	

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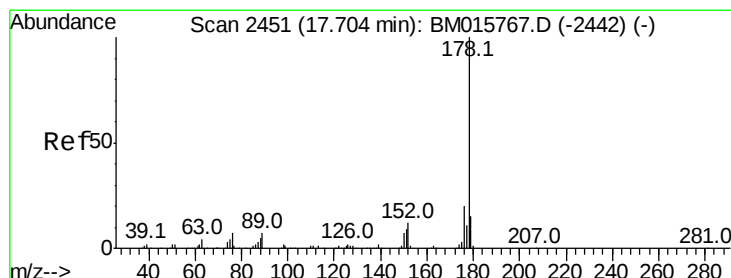


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



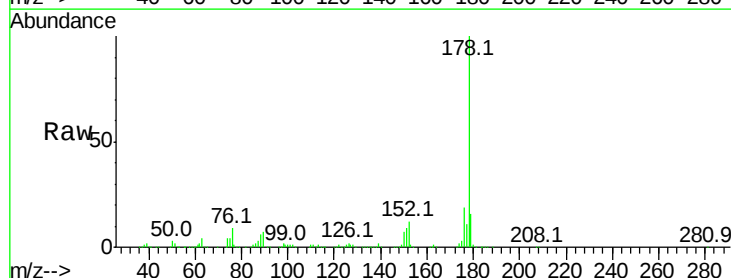
Sohil

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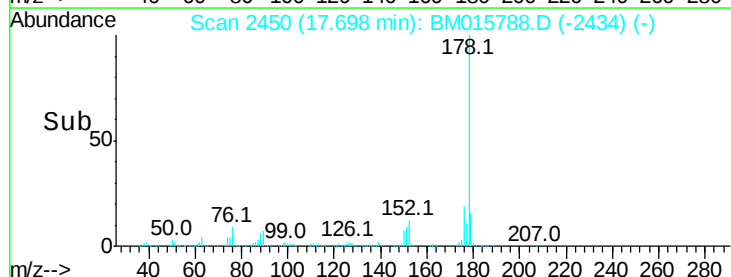
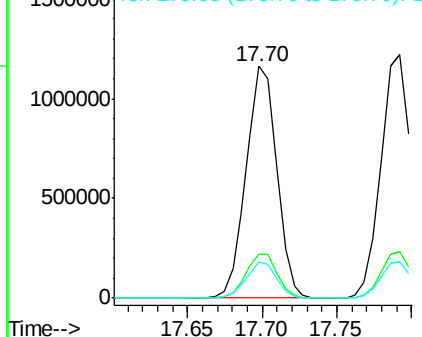


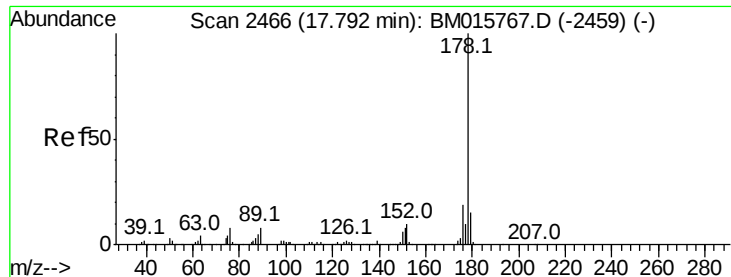
#70
 Phenanthrene
 Concen: 50.653 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.2	15.2	22.8	
179	15.5	12.1	18.1	



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



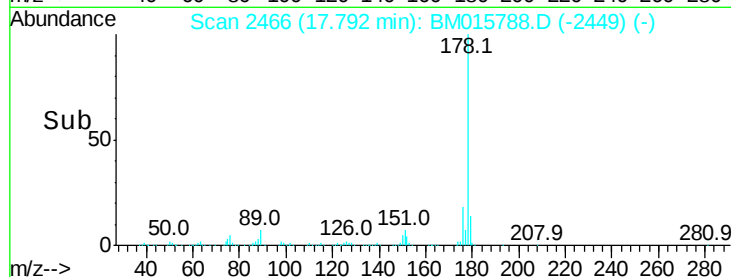
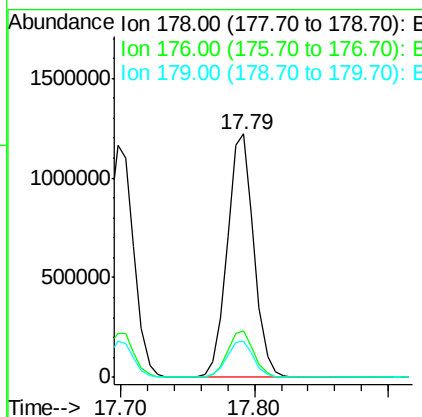
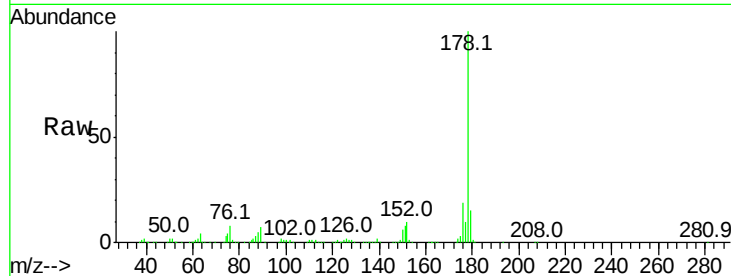


#71
 Anthracene
 Concen: 53.050 ng
 RT: 17.79 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

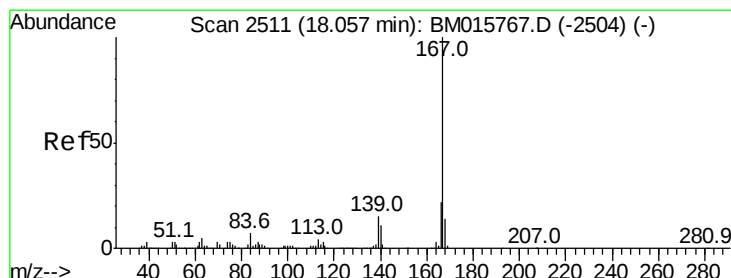
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.0	12.6	19.0

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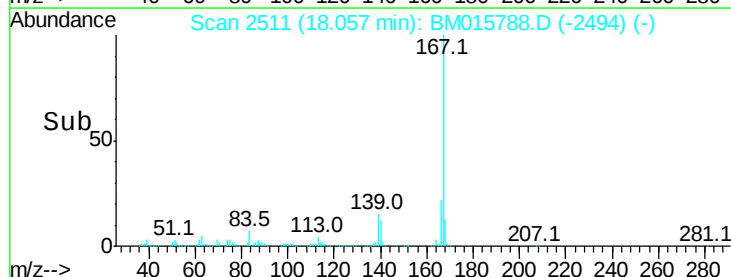
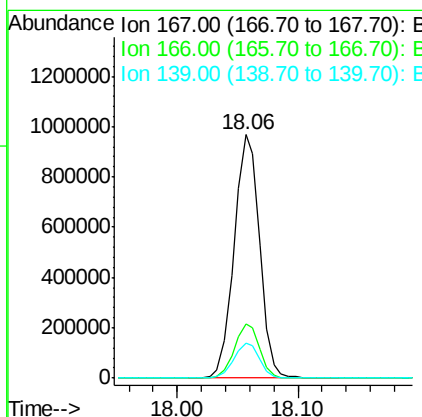
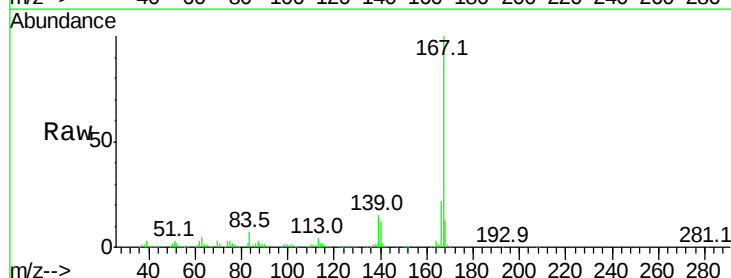
Sohil

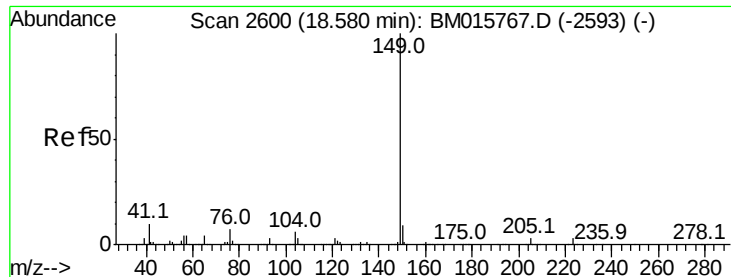
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#72
 Carbazole
 Concen: 47.727 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	14.6	10.8	16.2



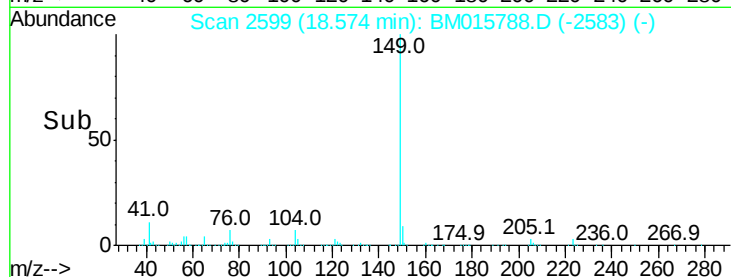
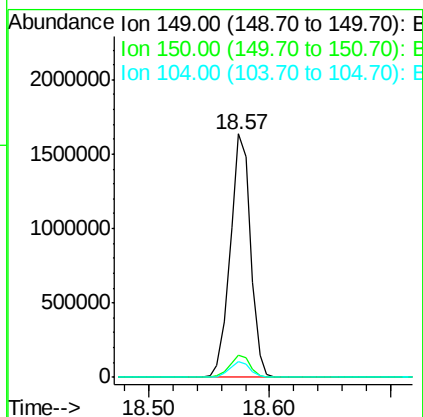
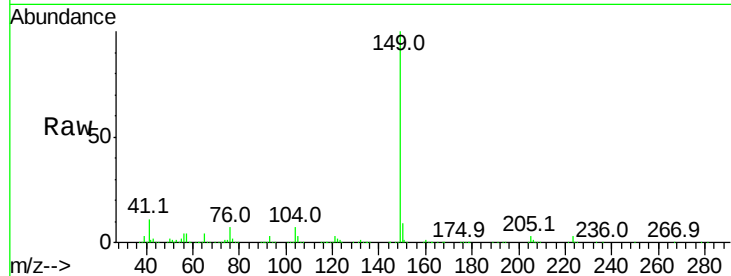


#73
Di-n-butylphthalate
Concen: 47.434 ng
RT: 18.57 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

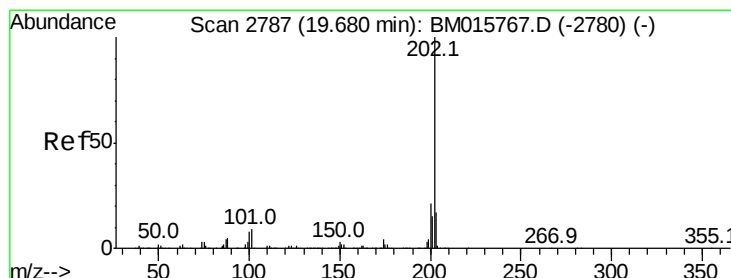
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	6.6	3.7	5.5

Manual Integrations
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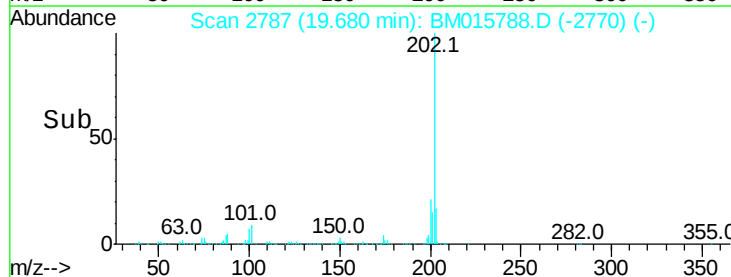
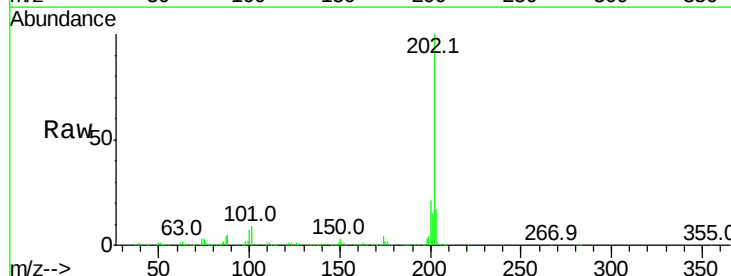
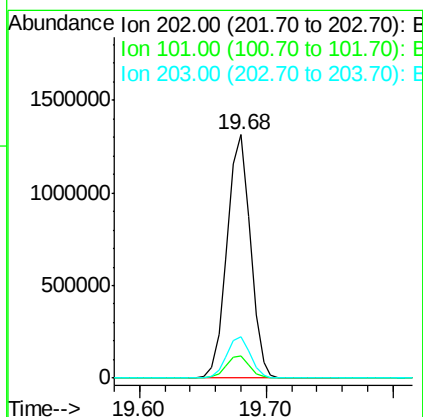
Sohil

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#74
Fluoranthene
Concen: 44.678 ng
RT: 19.68 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.7
203	17.1	0.0	37.2



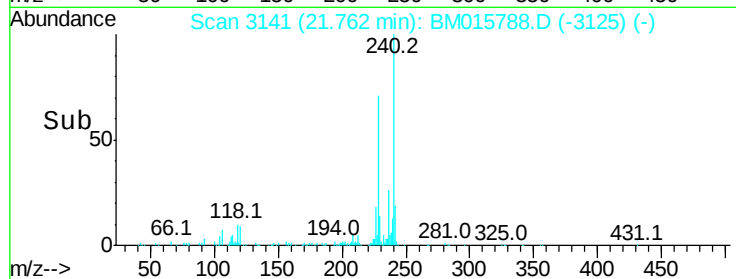
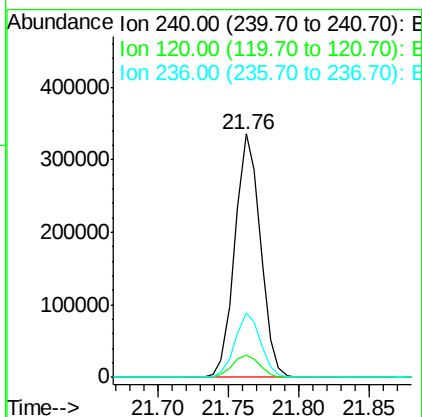
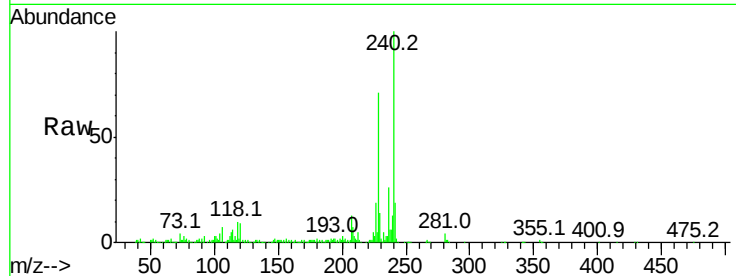


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

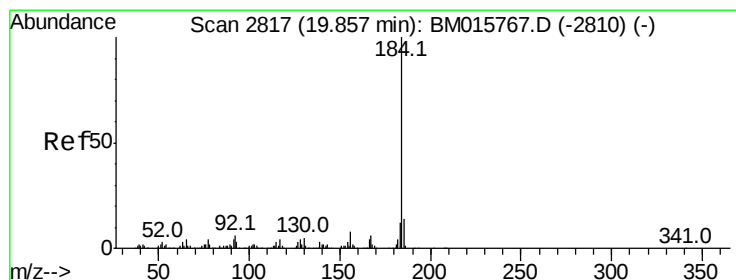
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	26.3	20.0	30.0

Manual Integrations
 APPROVED



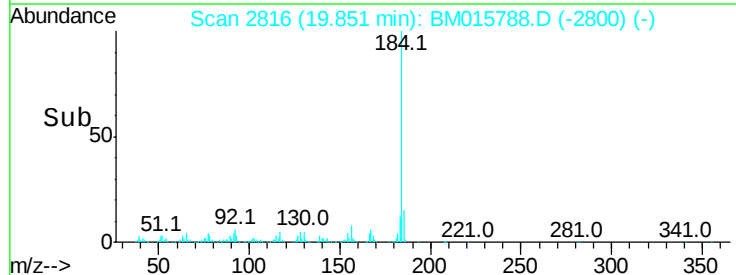
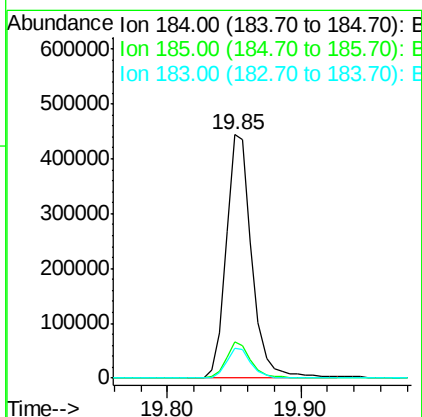
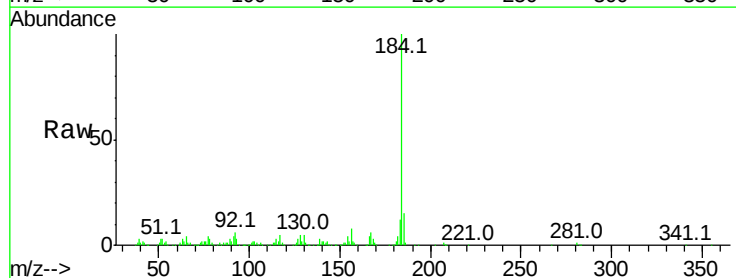
Sohil

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#76
 Benzidine
 Concen: 48.159 ng
 RT: 19.85 min Scan# 2816
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.3	16.9
183	12.2	8.9	13.3



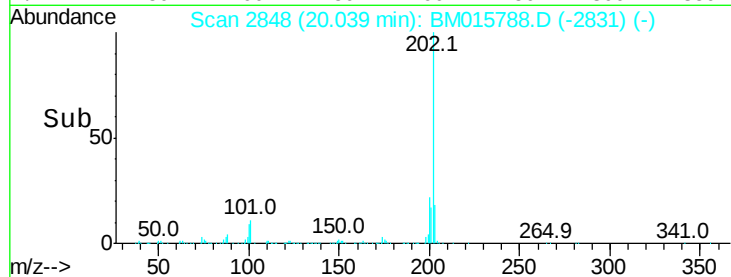
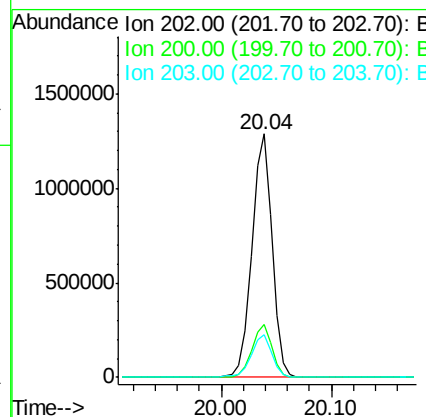
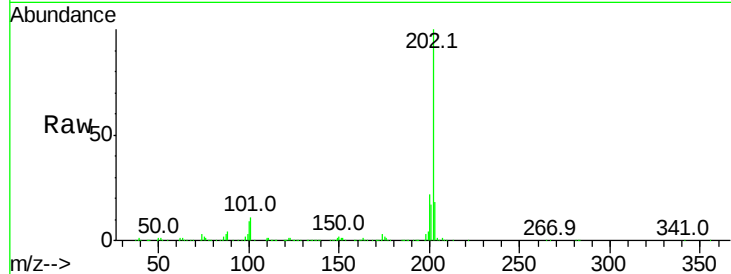


#77
Pvrene
Concen: 62.476 ng
RT: 20.04 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

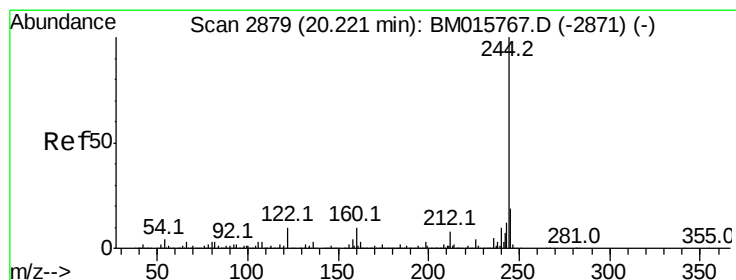
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.6	14.1	21.1

Manual Integrations
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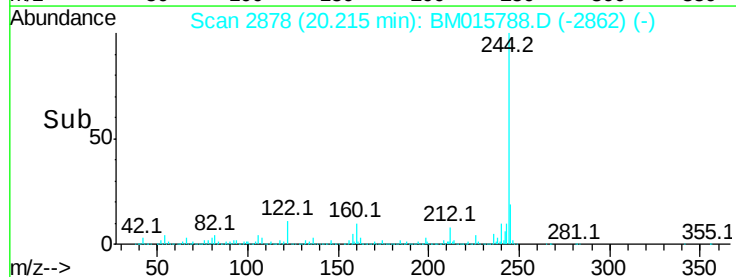
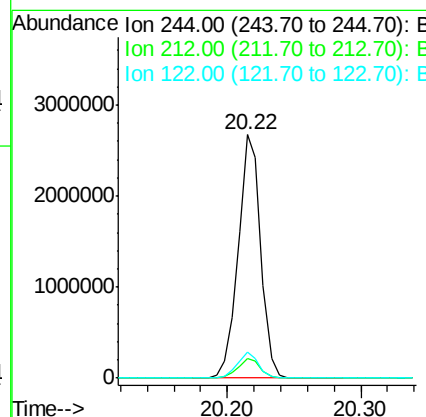
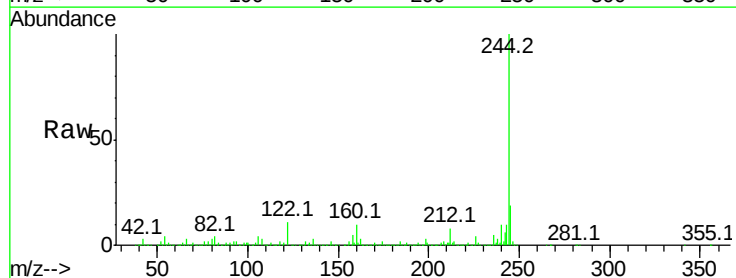
Sohil

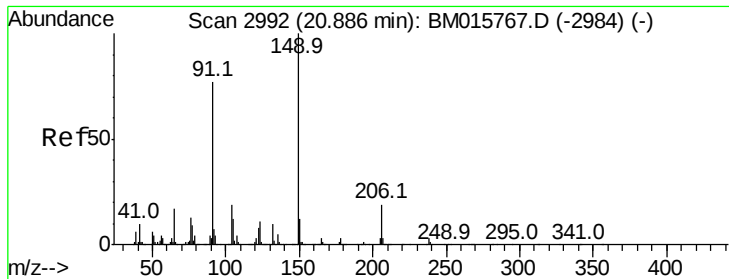
7/6/2018 5:21:56 PM



#78
Terphenyl-d14
Concen: 62.476 ng
RT: 20.22 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	10.9	6.2	9.4#



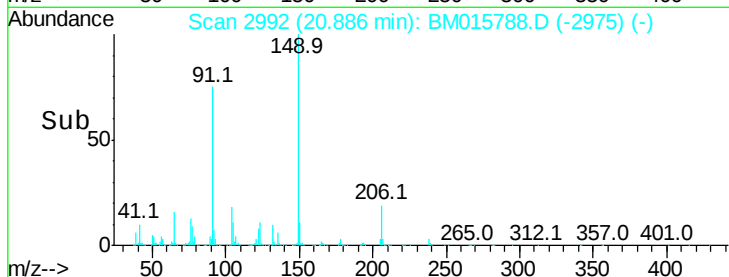
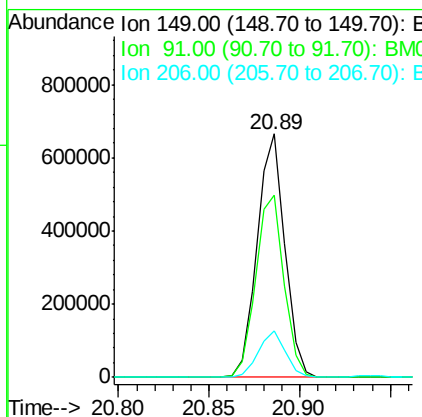
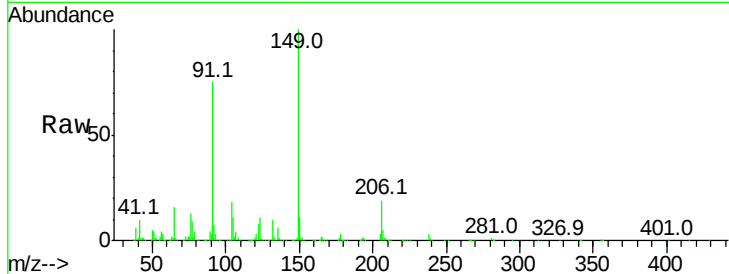


#79
Butylbenzylphthalate
Concen: 54.893 ng
RT: 20.89 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

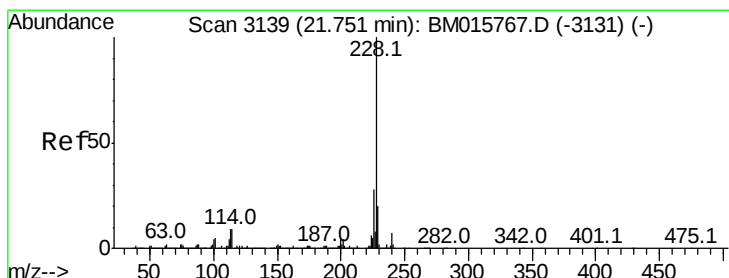
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.7	50.1	75.1
206	19.0	16.2	24.2

Manual Integrations
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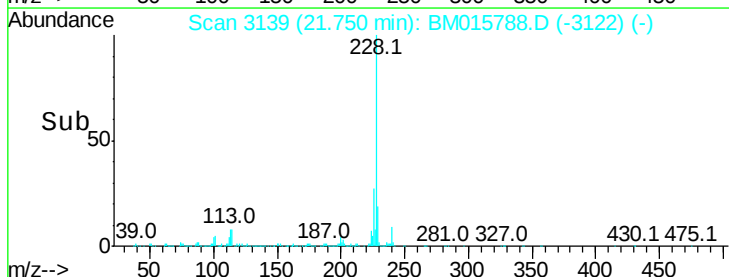
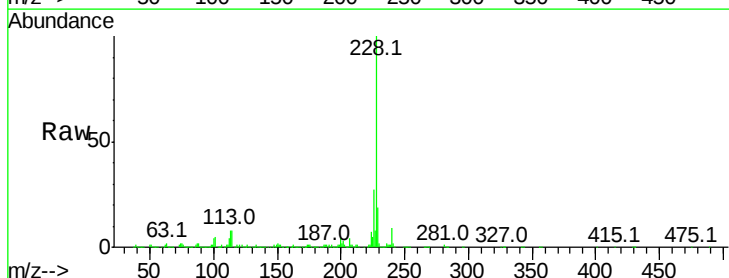
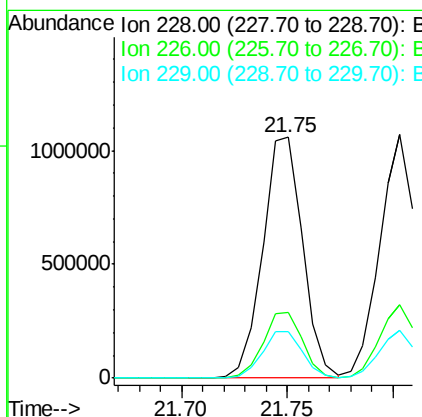
Sohil

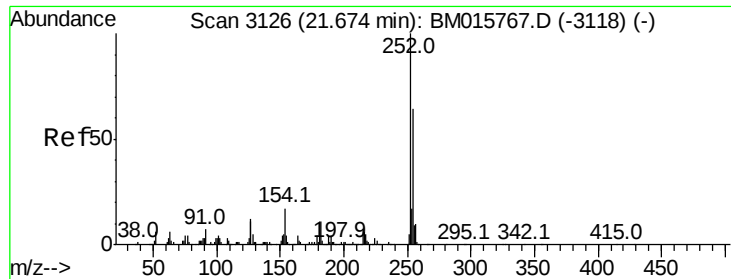
7/6/2018 5:21:56 PM



#80
Benzo(a)anthracene
Concen: 51.664 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.5	16.0	24.0



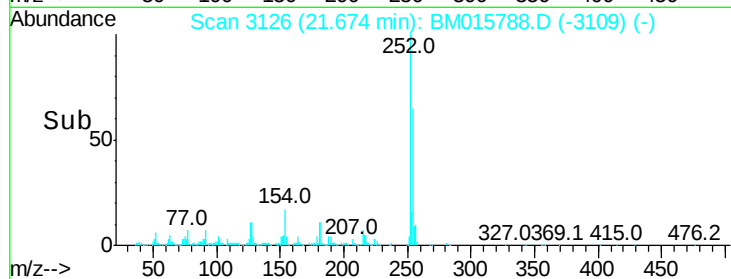
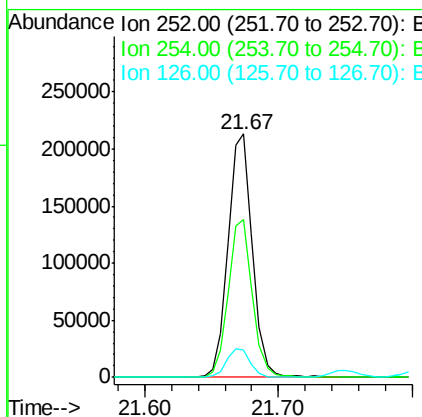
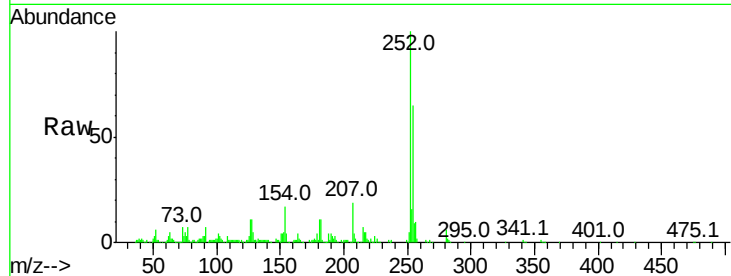


#81
 3,3'-Dichlorobenzidine
 Concen: 28.300 ng
 RT: 21.67 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

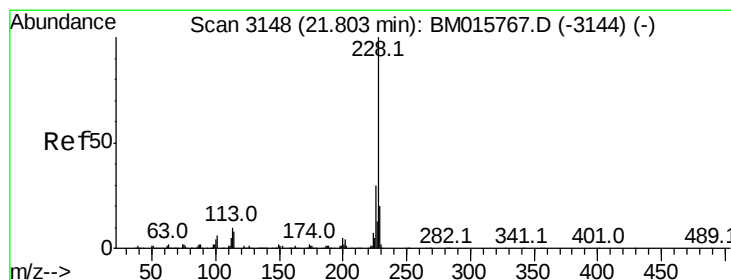
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	11.2	9.8	14.8

Manual Integrations
 APPROVED



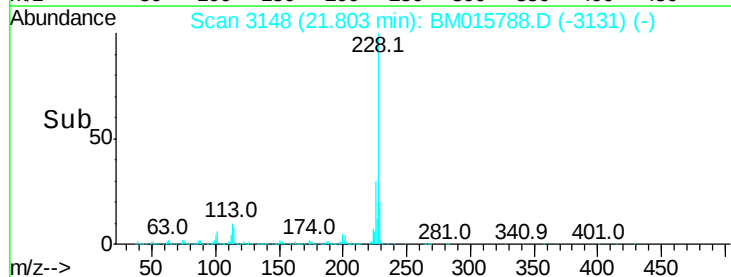
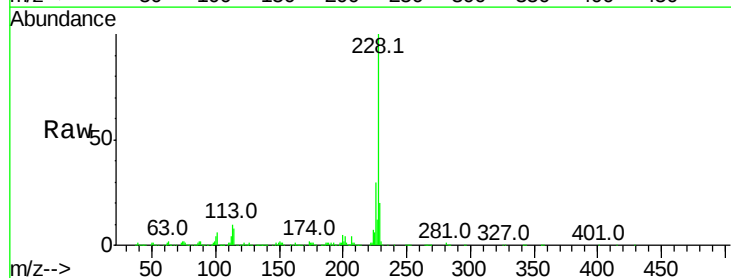
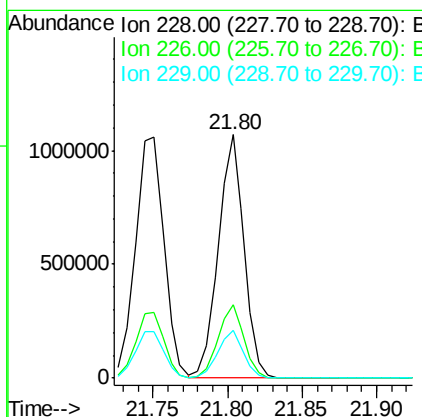
Sohil

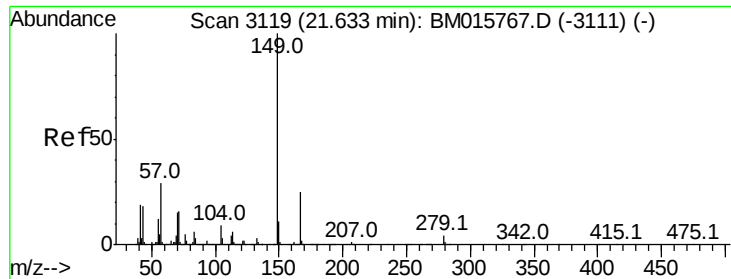
7/6/2018 5:21:56 PM



#82
 Chrysene
 Concen: 51.517 ng
 RT: 21.80 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.6	15.5	23.3



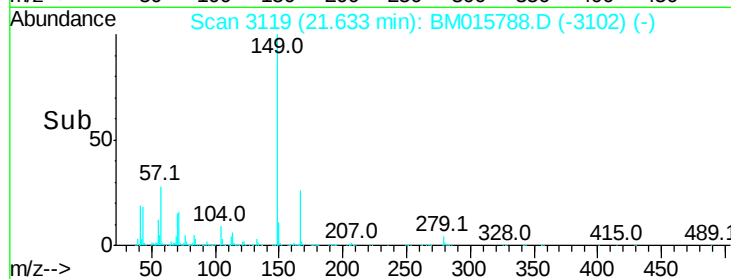
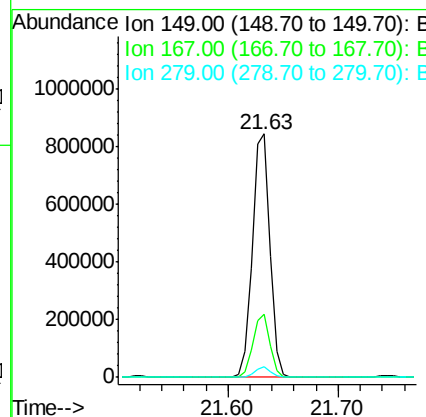
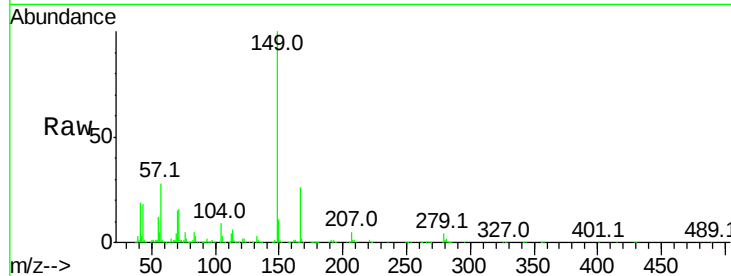


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.672 ng
 RT: 21.63 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

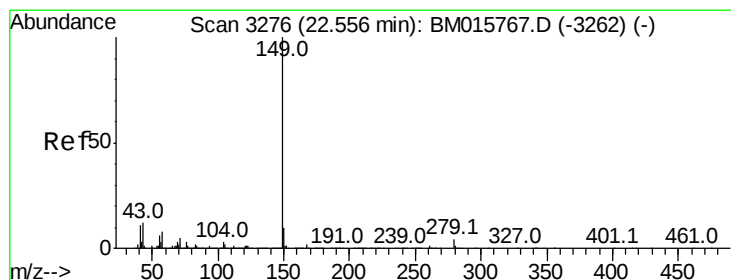
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.4	33.6
279	4.2	3.4	5.0

Manual Integrations
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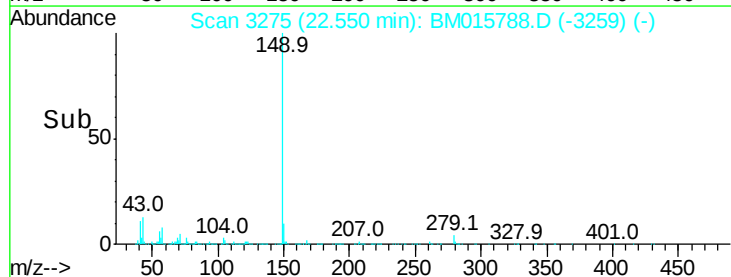
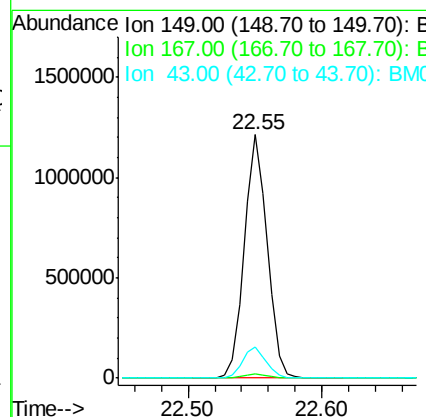
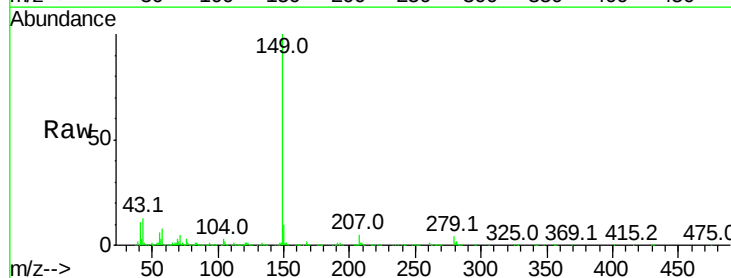
Sohil

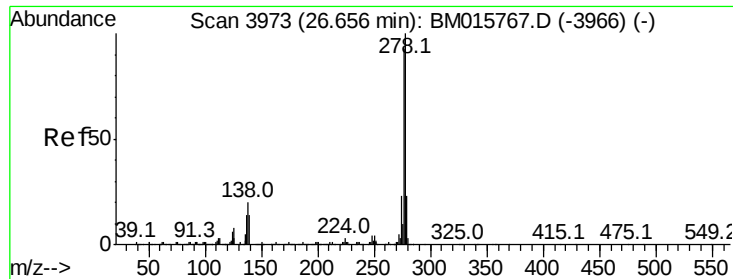
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#84
 Di-n-octyl phthalate
 Concen: 46.293 ng
 RT: 22.55 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.9	7.3	10.9#





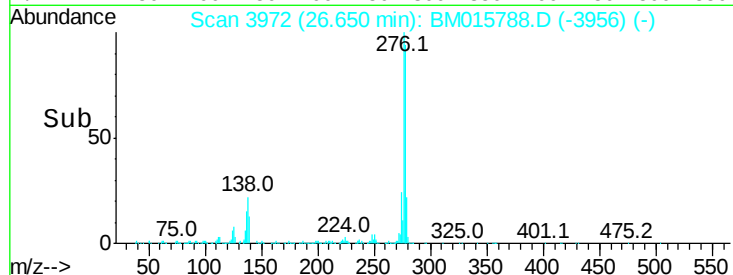
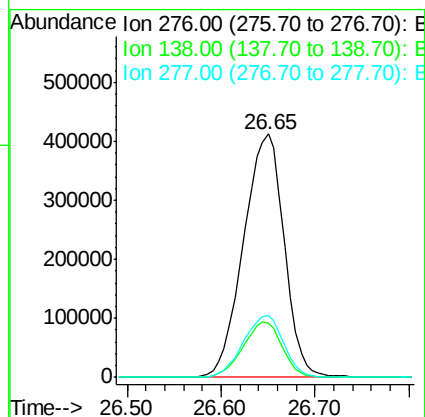
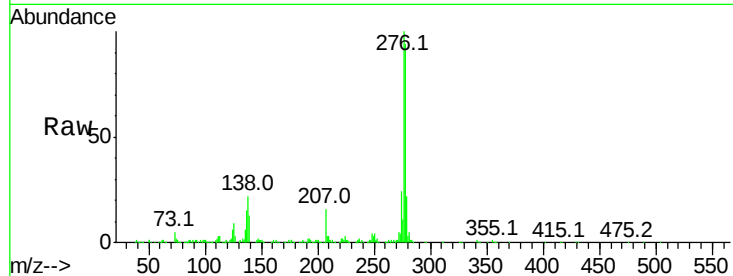
#85

Indeno(1,2,3-cd)pyrene
Concen: 52.947 ng
RT: 26.65 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampled :
PB110790BSD

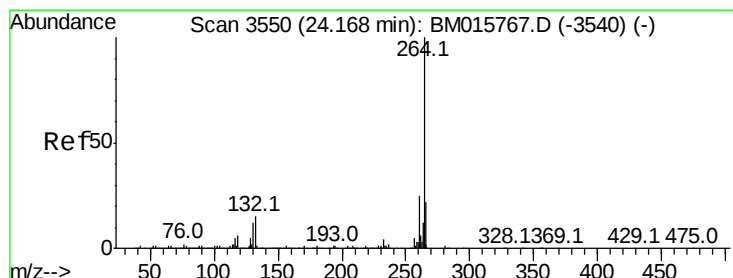
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	12.0	18.0#
277	25.4	20.0	30.0

Manual Integrations
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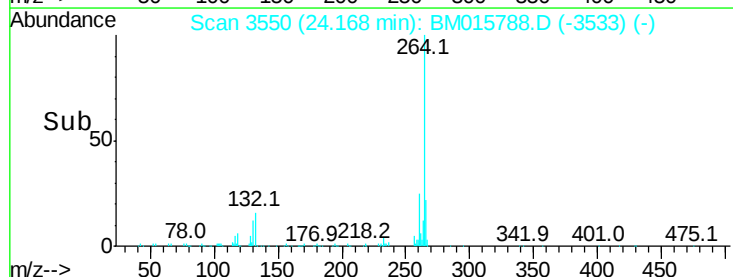
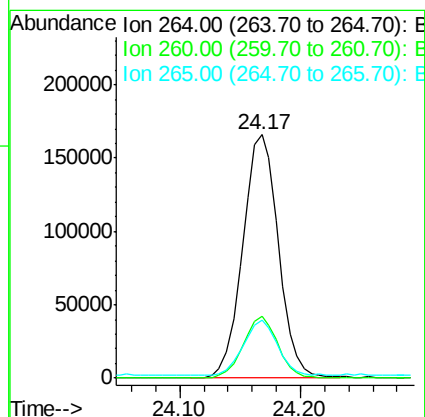
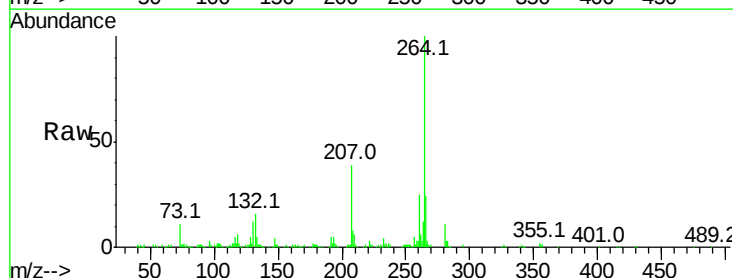
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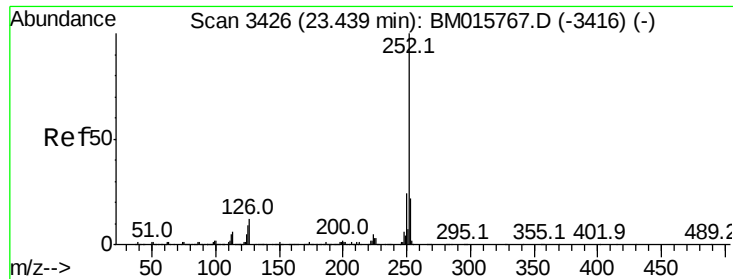


#86

Perylene-d12
Concen: 20.000 ng
RT: 24.17 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	23.6	17.3	25.9



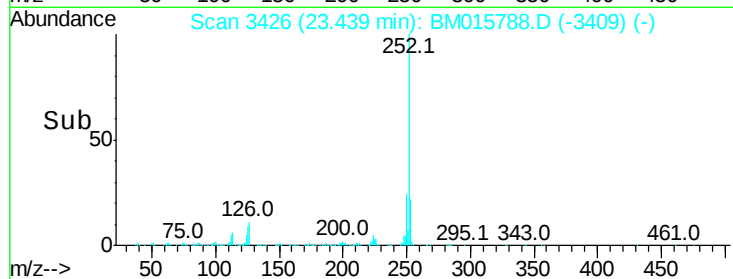
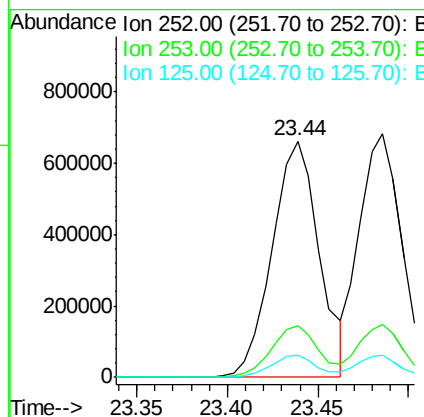
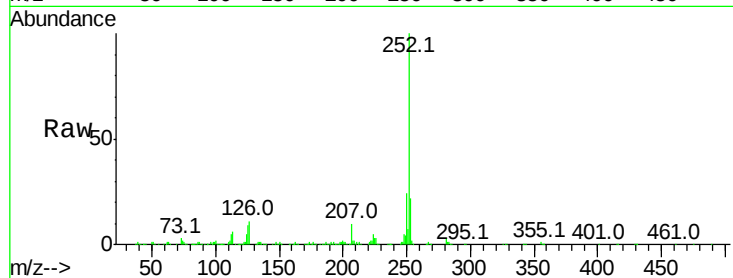


#87
Benzo(b)fluoranthene
Concen: 52.325 ng
RT: 23.44 min Scan# 3426
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

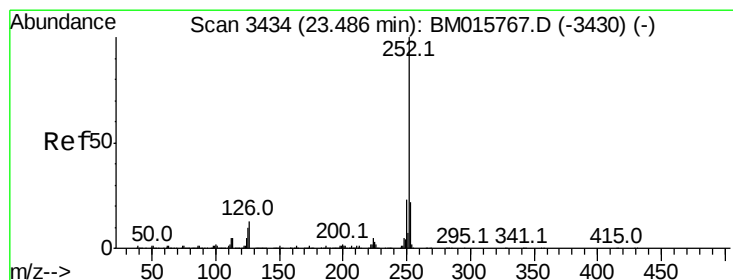
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	9.1	9.9	14.9

Manual Integrations
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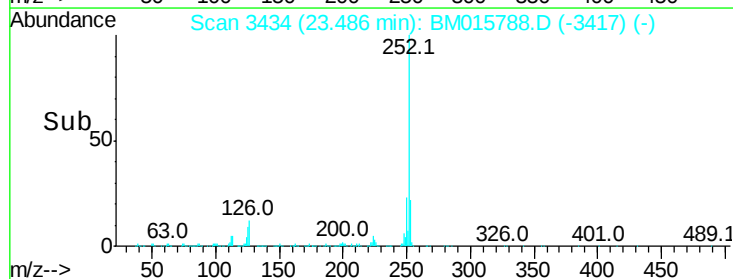
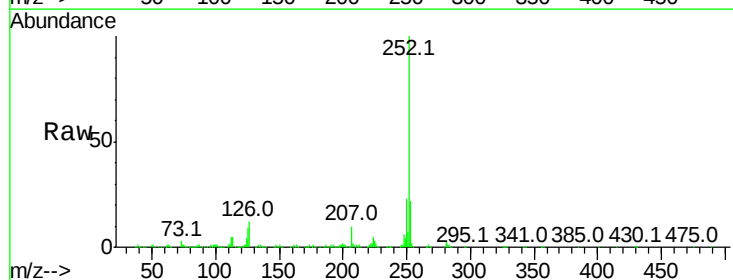
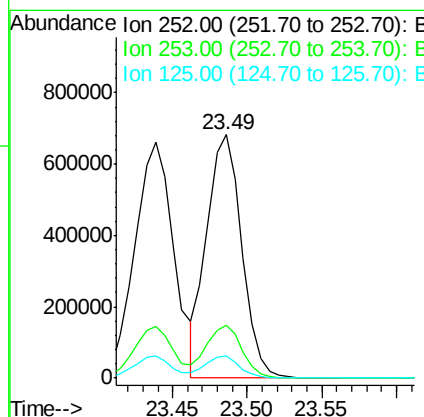
Sohil

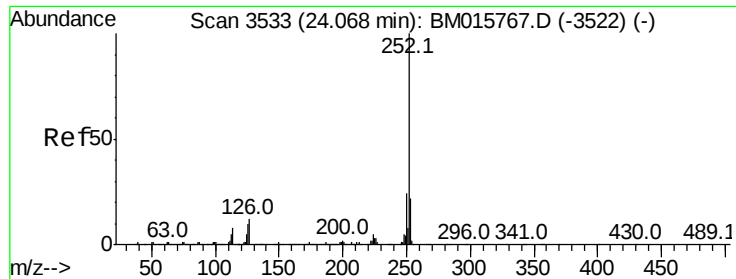
7/6/2018 5:21:56 PM



#88
Benzo(k)fluoranthene
Concen: 49.751 ng
RT: 23.49 min Scan# 3434
Delta R.T. -0.00 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.1	8.1	12.1



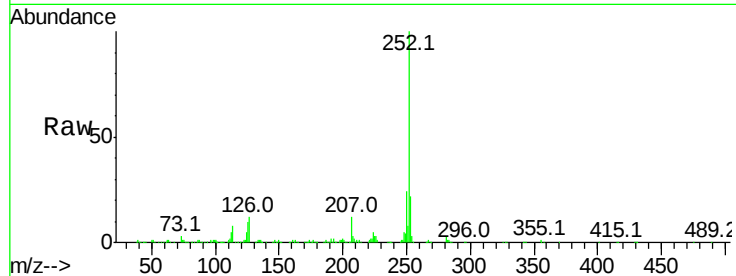


#89
Benzo(a)pyrene
Concen: 53.506 ng
RT: 24.06 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

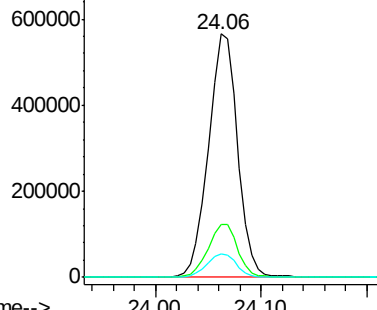
Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.5	7.4	11.2

Manual Integrations
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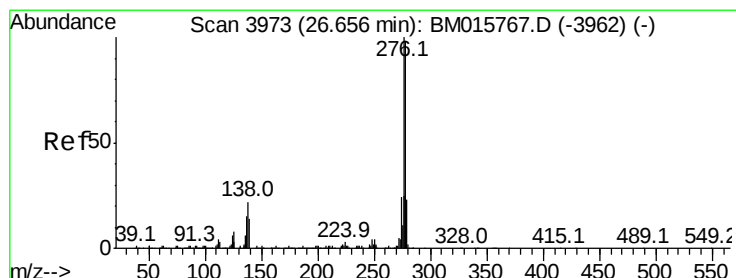
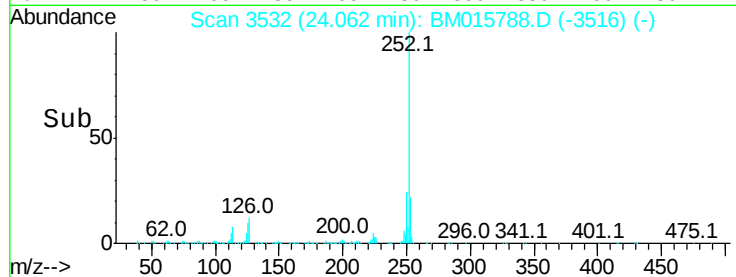


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



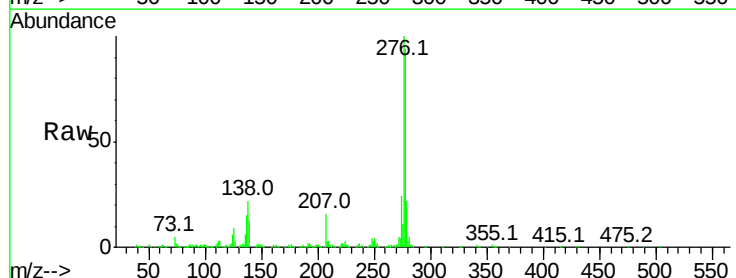
Sohil

7/6/2018 5:21:56 PM

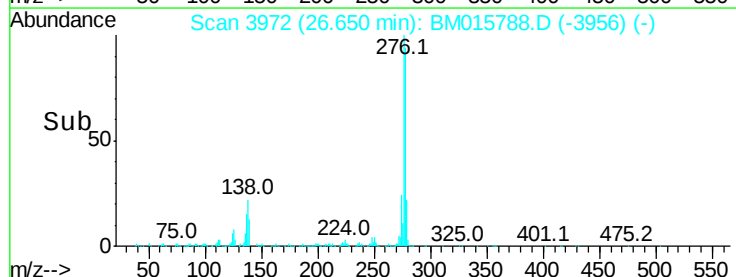
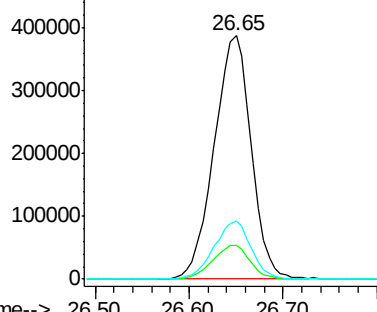


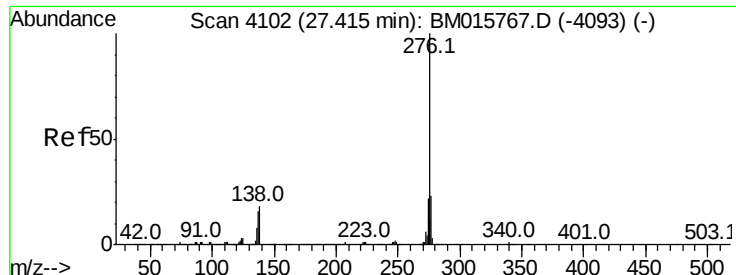
#90
Dibenzo(a,h)anthracene
Concen: 58.258 ng
RT: 26.65 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM015788.D
Acq: 06 Jul 2018 06:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	13.4	20.0
279	23.6	19.0	28.4



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



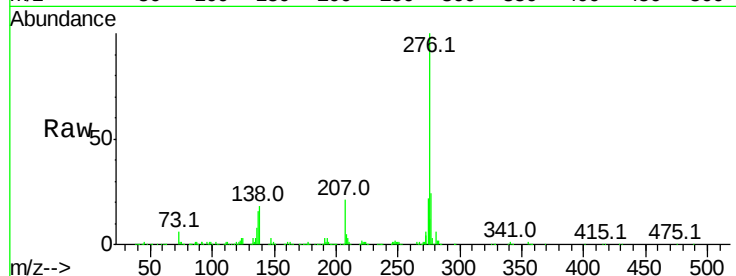


#91
 Benzo(a,h,i)perylene
 Concen: 61.758 ng
 RT: 27.41 min Scan# 4101
 Delta R.T. -0.01 min
 Lab File: BM015788.D
 Acq: 06 Jul 2018 06:28

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	18.2	19.0	28.6

Manual Integrations
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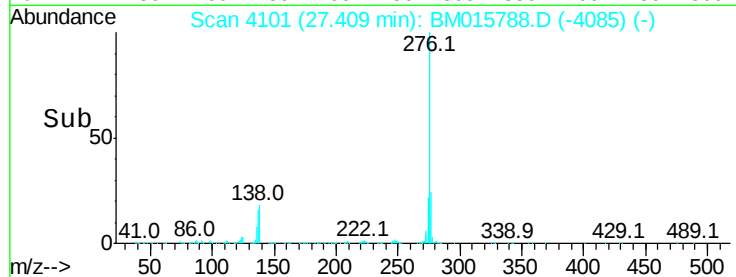
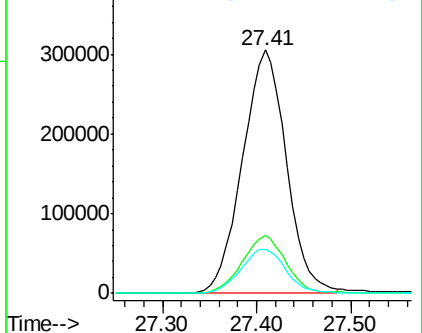


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



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