

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018383.D
 Acq On : 22 Dec 2018 14:58
 Operator : JU/SJ
 Sample : J6482-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R20-OSMSD

Manual Integrations
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Sohil
 12/26/2018 3:20:30 PM

Quant Time: Dec 24 06:12:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	92689	20.00	ng	-0.03
21) Naphthalene-d8	10.24	136	365735	20.00	ng	-0.03
39) Acenaphthene-d10	14.14	164	214156	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	457109	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	412835	20.00	ng	-0.01
87) Perylene-d12	23.29	264	424159	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	849545	153.11	ng	0.00
7) Phenol-d6	6.69	99	1033967	134.07	ng	-0.01
23) Nitrobenzene-d5	8.64	82	865715	121.41	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	476525	151.60	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1668886	100.94	ng	-0.02
79) Terphenyl-d14	19.56	244	2319339	127.06	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.13	88	82455	37.514	ng	# 68
3) Pyridine	3.51	79	248358	38.409	ng	94
4) n-Nitrosodimethylamine	3.42	42	129569	58.216	ng	# 83
6) Aniline	6.83	93	101098	10.450	ng	99
8) 2-Chlorophenol	7.05	128	298321	45.505	ng	93
9) Benzaldehyde	6.65	77	159682	33.969	ng	90
10) Phenol	6.72	94	342617	41.949	ng	93
11) bis(2-Chloroethyl)ether	6.93	93	287688	44.320	ng	98
12) 1,3-Dichlorobenzene	7.36	146	296821	40.546	ng	# 91
13) 1,4-Dichlorobenzene	7.51	146	309592	41.646	ng	99
14) 1,2-Dichlorobenzene	7.82	146	301589	42.084	ng	98
15) Benzyl Alcohol	7.73	79	339428	54.014	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.01	45	203839	34.895	ng	84
17) 2-Methylphenol	7.95	107	250043	45.849	ng	# 93
18) Hexachloroethane	8.52	117	106905	39.235	ng	97
19) n-Nitroso-di-n-propylamine	8.29	70	276367	47.994	ng	98
20) 3+4-Methylphenols	8.27	107	332136	43.463	ng	94
22) Acetophenone	8.30	105	493413	50.980	ng	95
24) Nitrobenzene	8.68	77	401519	56.358	ng	92
25) Isophorone	9.20	82	680301	57.308	ng	96
26) 2-Nitrophenol	9.37	139	140455	40.195	ng	# 80
27) 2,4-Dimethylphenol	9.45	122	270771	53.766	ng	92
28) bis(2-Chloroethoxy)methane	9.68	93	389760	50.370	ng	99
29) 2,4-Dichlorophenol	9.92	162	277128	49.631	ng	97
30) 1,2,4-Trichlorobenzene	10.11	180	303384	47.767	ng	94
31) Naphthalene	10.29	128	885744	49.528	ng	98
32) Benzoic acid	9.66	122	173358	36.353	ng	86
33) 4-Chloroaniline	10.44	127	64932	8.289	ng	91
34) Hexachlorobutadiene	10.56	225	185515	46.183	ng	99
35) Caprolactam	11.26	113	69587m	32.706	ng	
36) 4-Chloro-3-methylphenol	11.58	107	326384	48.646	ng	95
37) 2-Methylnaphthalene	11.92	142	658338	52.200	ng	96
38) 1-Methylnaphthalene	12.14	142	623992	50.704	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	347453	47.181	ng	99

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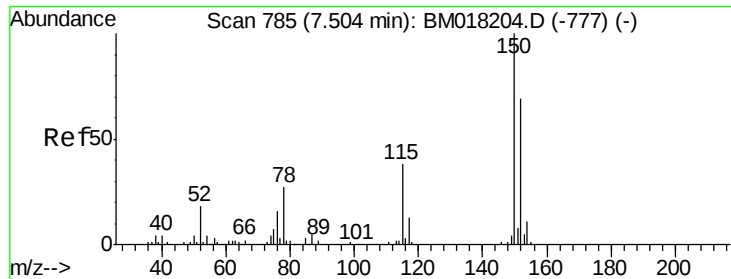
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	75528	29.142	nq	97
43) 2,4,6-Trichlorophenol	12.56	196	231755	48.929	nq	97
44) 2,4,5-Trichlorophenol	12.65	196	242091	48.144	nq	98
46) 1,1'-Biphenyl	12.96	154	858137	44.541	nq	97
47) 2-Chloronaphthalene	13.00	162	672531	47.427	nq	98
48) 2-Nitroaniline	13.23	65	253587	58.053	nq	85
49) Acenaphthylene	13.86	152	1074718	50.292	nq	99
50) Dimethylphthalate	13.62	163	856209	48.090	nq	99
51) 2,6-Dinitrotoluene	13.75	165	171132	43.724	nq #	81
52) Acenaphthene	14.20	154	622505	47.667	nq	99
53) 3-Nitroaniline	14.08	138	100144	24.314	nq	83
54) 2,4-Dinitrophenol	14.31	184	40927	18.956	nq #	79
55) Dibenzofuran	14.55	168	1020737	48.643	nq	97
56) 4-Nitrophenol	14.44	139	237073m	75.916	nq	
57) 2,4-Dinitrotoluene	14.55	165	250792	46.357	nq	90
58) Fluorene	15.20	166	843118	52.021	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.79	232	218820	48.320	nq #	94
60) Diethylphthalate	14.99	149	879936	45.797	nq	99
61) 4-Chlorophenyl-phenylether	15.20	204	430789	46.998	nq	95
62) 4-Nitroaniline	15.26	138	156234	39.976	nq #	76
63) Azobenzene	15.49	77	950491	54.253	nq	94
65) 4,6-Dinitro-2-methylphenol	15.32	198	34989	10.398	nq	91
66) n-Nitrosodiphenylamine	15.43	169	714031	47.238	nq	96
67) 4-Bromophenyl-phenylether	16.10	248	259849	46.938	nq	96
68) Hexachlorobenzene	16.20	284	279139	46.025	nq	95
69) Atrazine	16.40	200	255870	50.141	nq	97
70) Pentachlorophenol	16.57	266	308631	77.053	nq	98
71) Phenanthrene	16.94	178	1244021	50.103	nq	99
72) Anthracene	17.04	178	1249936	50.744	nq	99
73) Carbazole	17.33	167	1094054	43.273	nq	98
74) Di-n-butylphthalate	17.89	149	1535561	49.224	nq	99
75) Fluoranthene	18.98	202	1322633	45.817	nq	99
78) Pyrene	19.34	202	1309439	53.232	nq	99
80) Butylbenzylphthalate	20.27	149	640036	54.693	nq	88
81) Benzo(a)anthracene	21.12	228	1231789	51.078	nq	100
83) Chrysene	21.17	228	1152137	49.670	nq	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	941638	53.990	nq	97
85) Di-n-octyl phthalate	21.92	149	1523858	53.350	nq	99
86) Indeno(1,2,3-cd)pyrene	25.43	276	1419448	61.432	nq	97
88) Benzo(b)fluoranthene	22.66	252	1227691	51.527	nq	98
89) Benzo(k)fluoranthene	22.70	252	1188943	50.106	nq #	97
90) Benzo(a)pyrene	23.20	252	1166103	51.459	nq	98
91) Dibenzo(a,h)anthracene	25.44	278	1224132	58.316	nq	98
92) Benzo(g,h,i)perylene	26.08	276	1160615	58.491	nq	97

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



#1

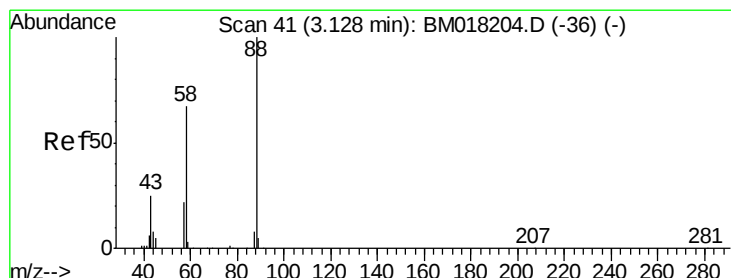
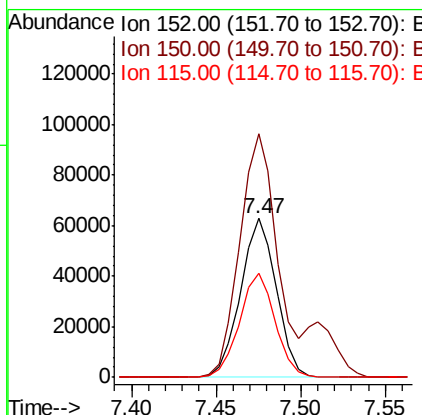
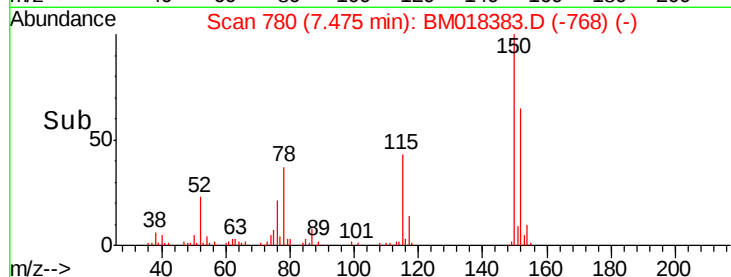
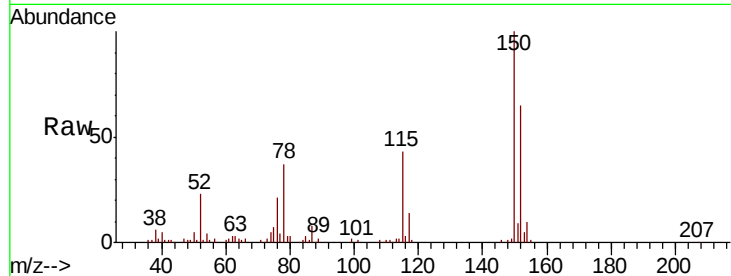
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	116.1	174.1
115	65.4	44.6	67.0

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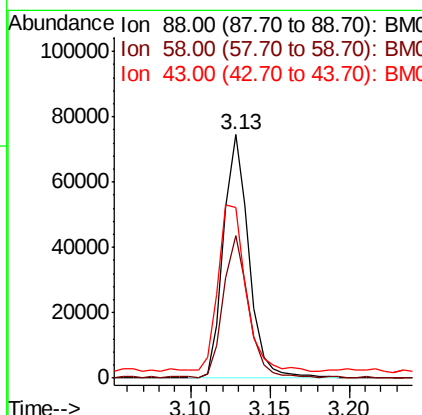
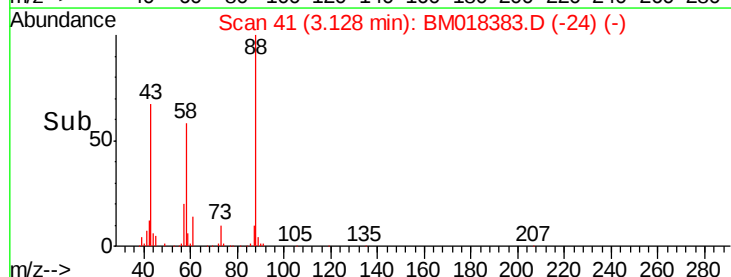
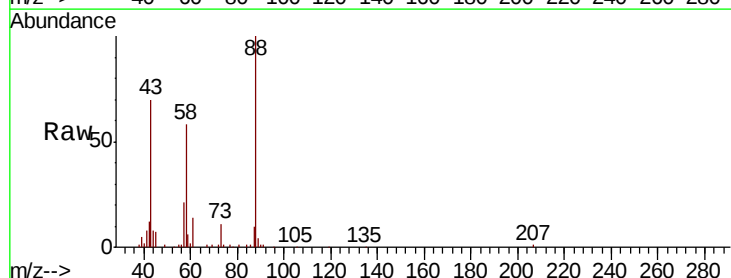
Sohil
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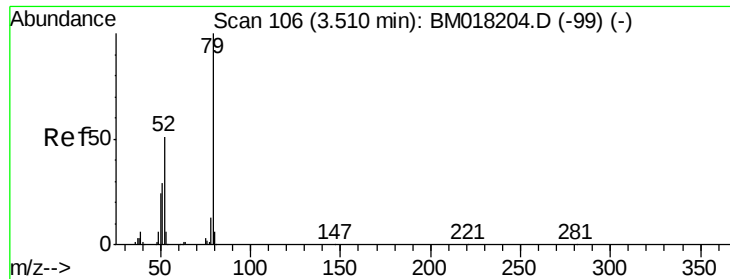


#2

1,4-Dioxane
Concen: 37.514 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	49.8	74.6
43	74.8	19.1	28.7





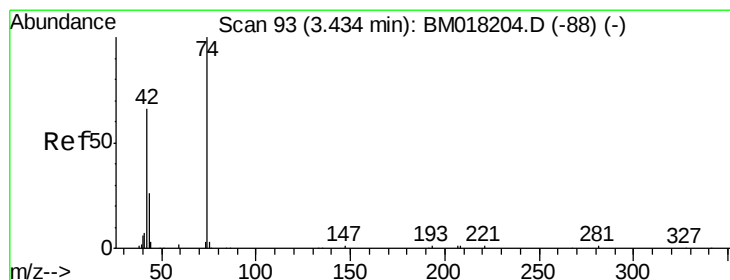
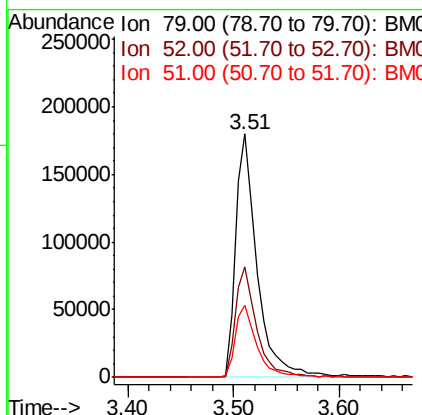
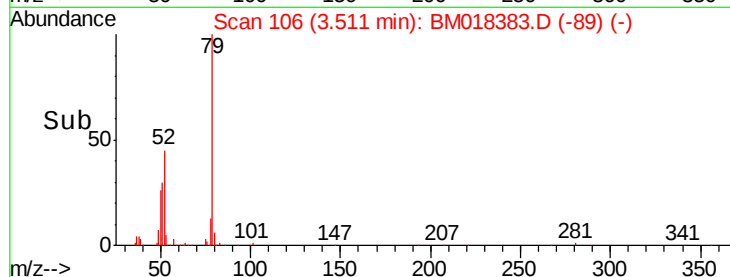
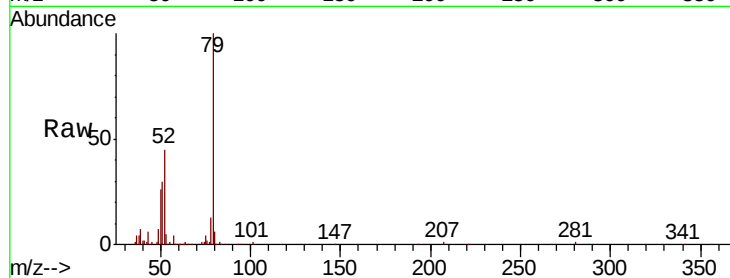
#3
 Pvridine
 Concen: 38.409 ng
 RT: 3.51 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.2	40.7	61.1
51	29.8	23.0	34.6

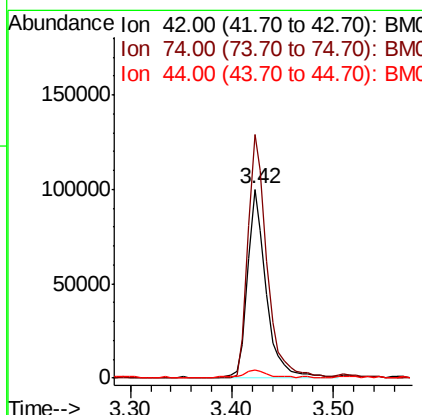
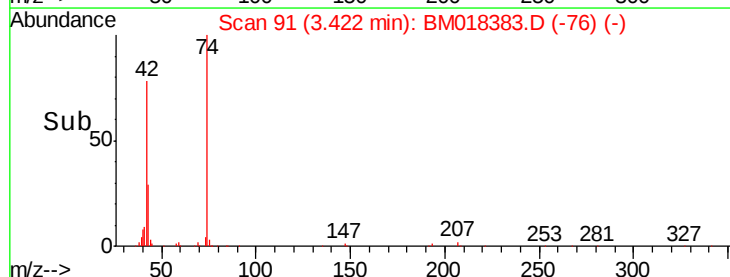
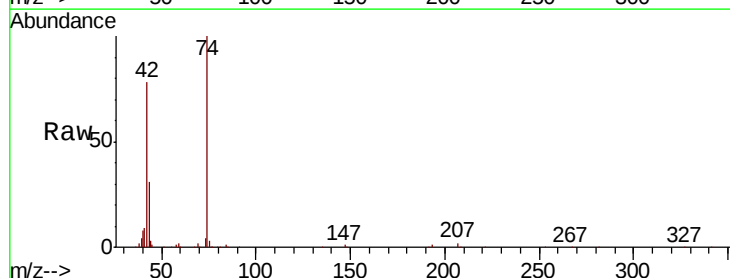
Manual Integrations
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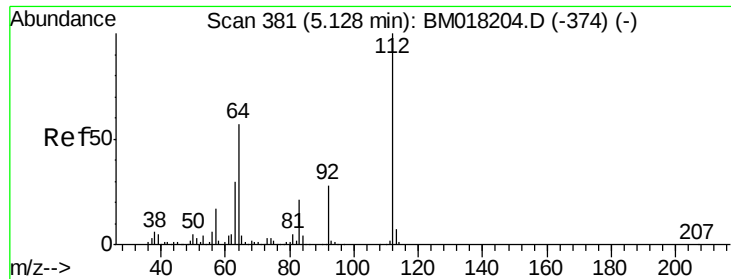
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#4
 n-Nitrosodimethylamine
 Concen: 58.216 ng
 RT: 3.42 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.9	120.4	180.6
44	4.5	4.6	7.0





#5

2-Fluorophenol

Concen: 153.109 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

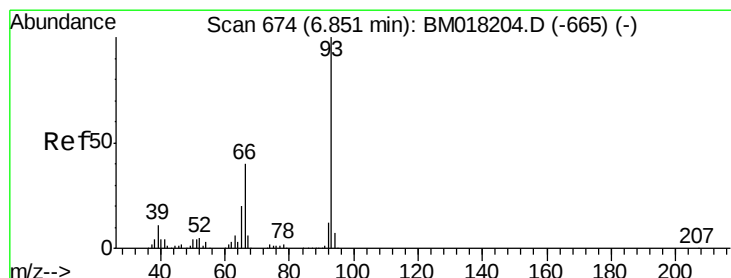
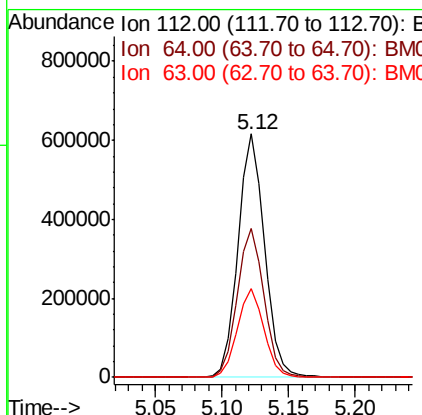
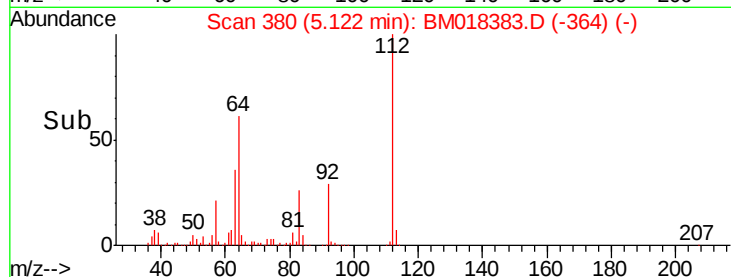
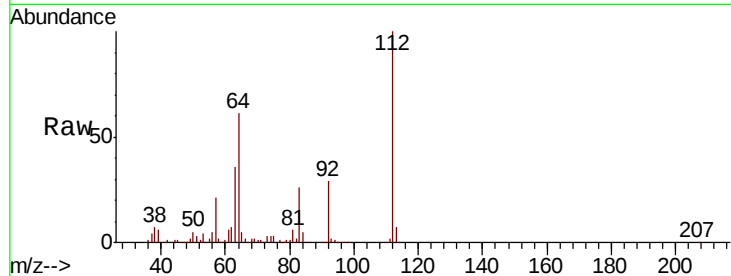
ClientSampleId :

R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	849545		
64	61.1	45.4	68.2	
63	36.3	24.0	36.0	

Manual Integrations
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#6

Aniline

Concen: 10.450 ng

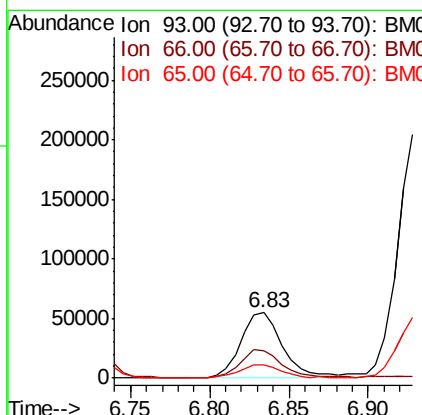
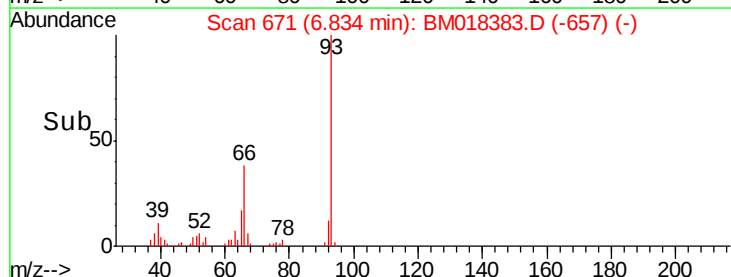
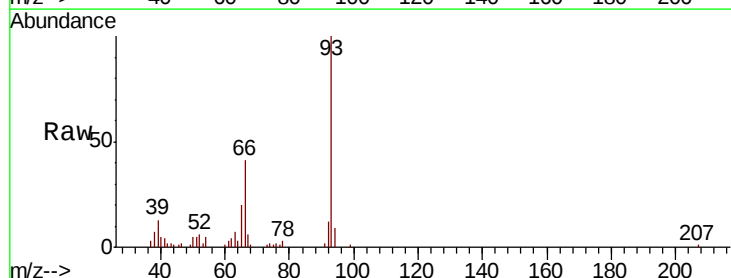
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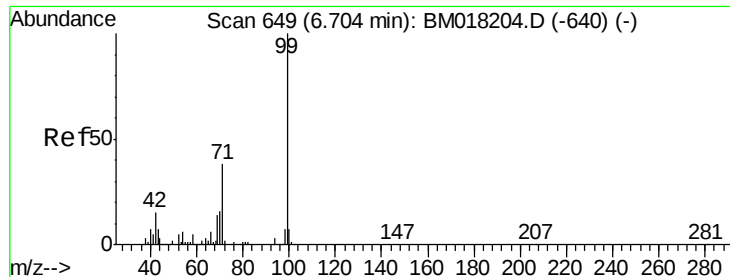
Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	101098		
66	41.5	32.3	48.5	
65	19.9	16.2	24.4	





#7

Phenol-d6

Concen: 134.070 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

R20-OSMSD

Tot Ion: 99 Resp: 1033967

Ion Ratio Lower Upper

99 100

42 18.3 12.3 18.5

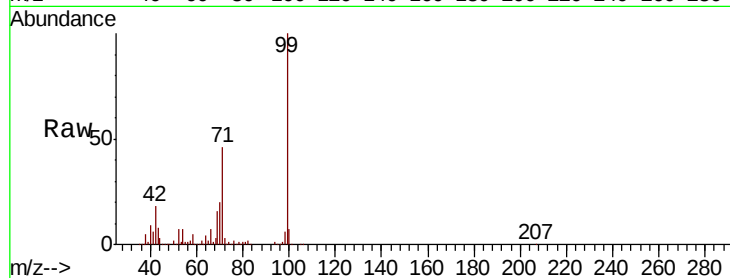
71 46.1 30.2 45.2#

Manual Integrations

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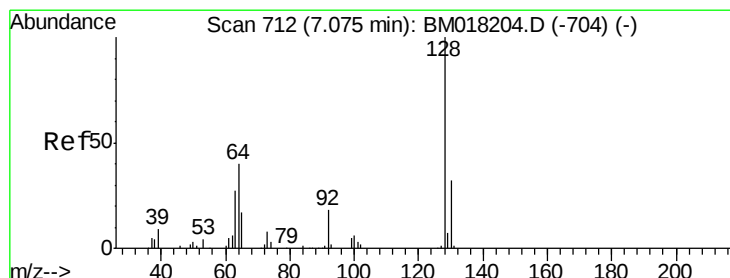
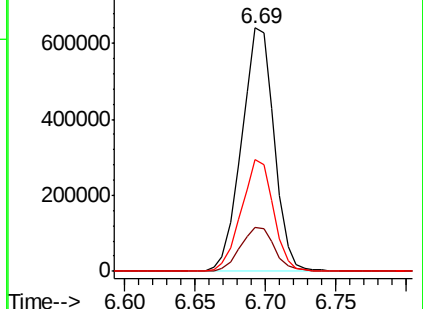
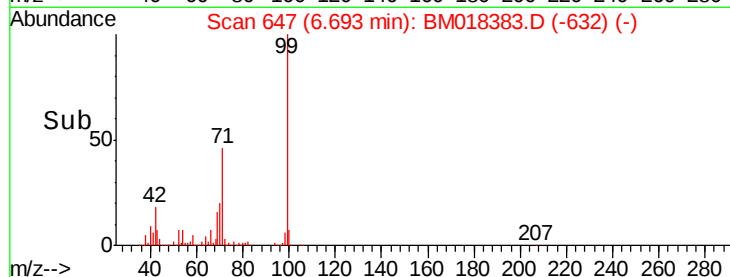
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Abundance Ion 99.00 (98.70 to 99.70): BM018383.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018383.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018383.D (-632) (-)



#8

2-Chlorophenol

Concen: 45.505 ng

RT: 7.05 min Scan# 708

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

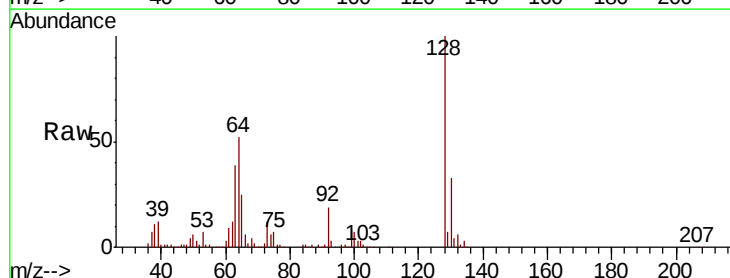
Tgt Ion: 128 Resp: 298321

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

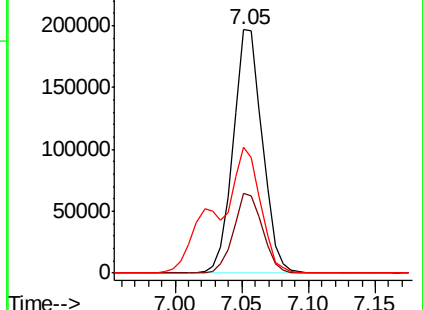
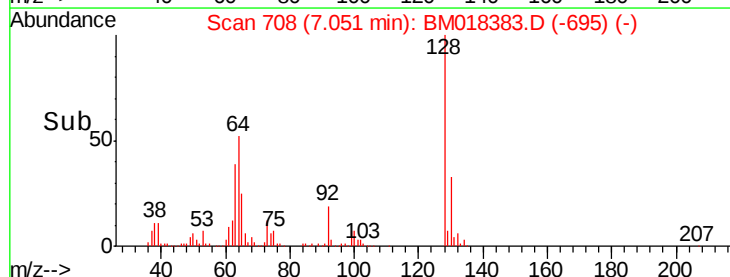
64 51.9 24.1 64.1

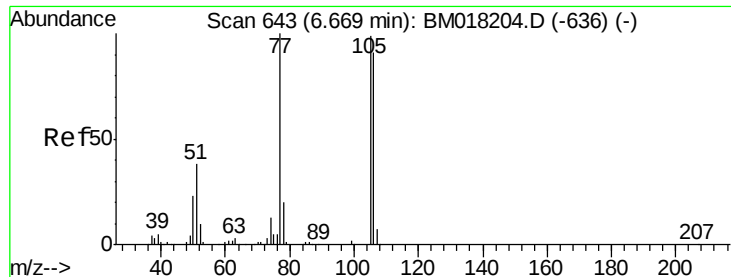


Abundance Ion 128.00 (127.70 to 128.70): BM018383.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018383.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018383.D (-695) (-)





#9

Benzaldehyde

Concen: 33.969 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

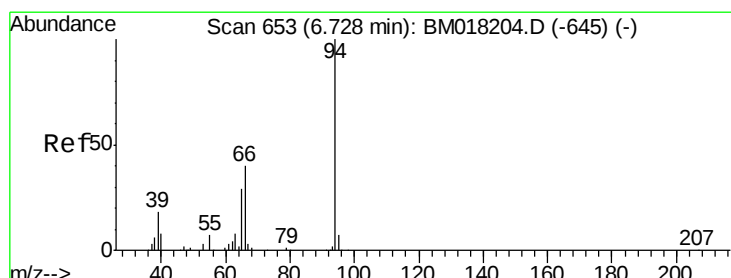
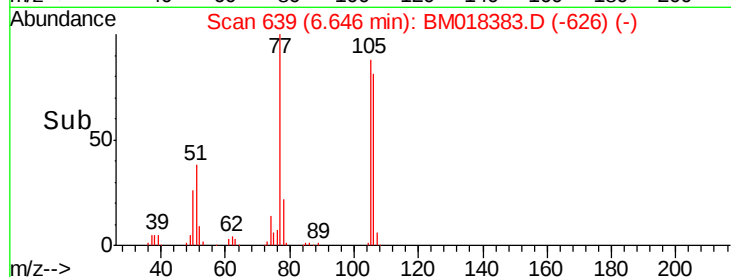
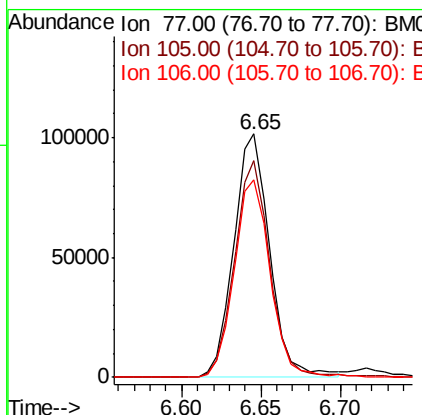
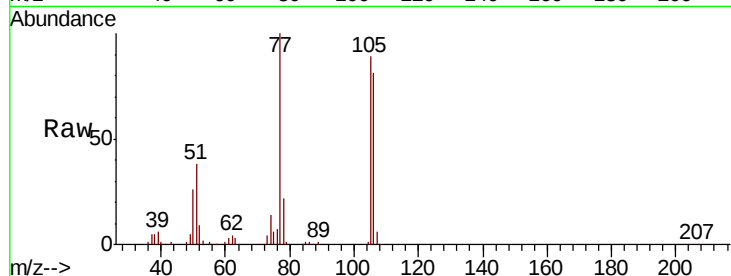
ClientSampled :

R20-OSMSD

Tot Ion:	77	Resp:	159682
Ion Ratio	Lower	Upper	
77	100		
105	88.8	78.8	118.8
106	81.1	70.7	110.7

Manual Integrations
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#10

Phenol

Concen: 41.949 ng

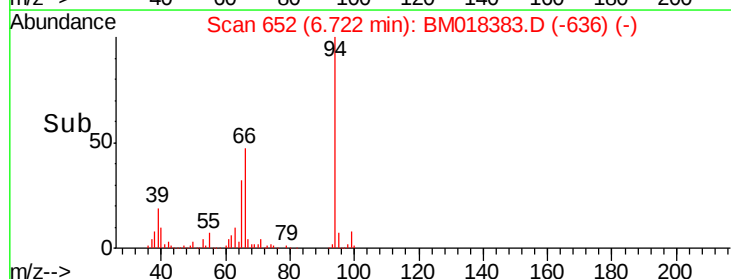
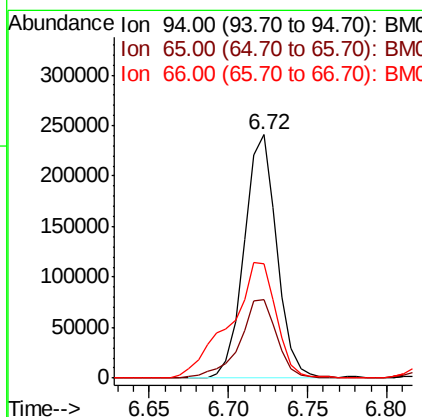
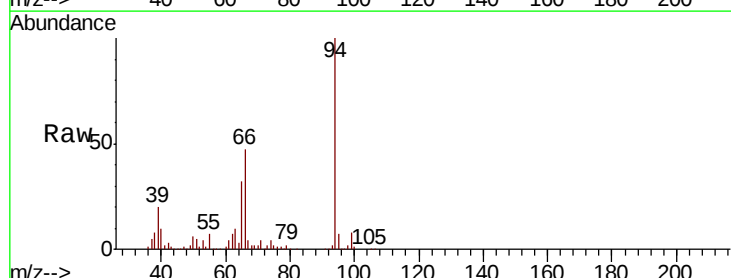
RT: 6.72 min Scan# 652

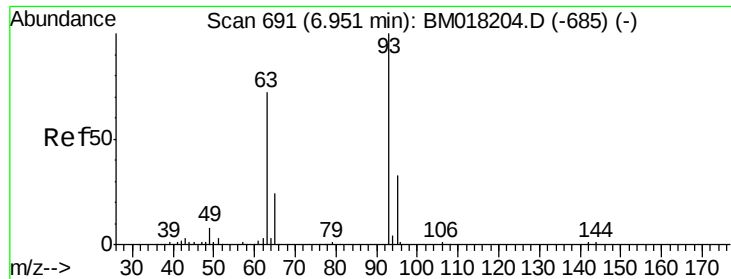
Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion:	94	Resp:	342617
Ion Ratio	Lower	Upper	
94	100		
65	32.3	9.5	49.5
66	46.8	21.3	61.3





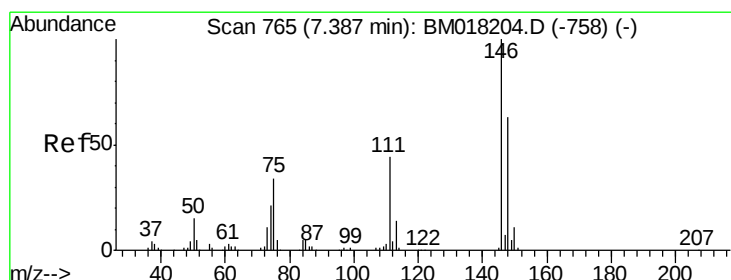
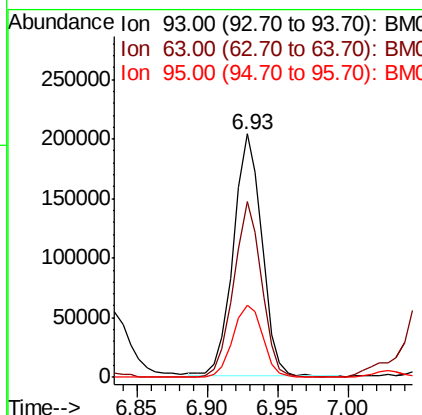
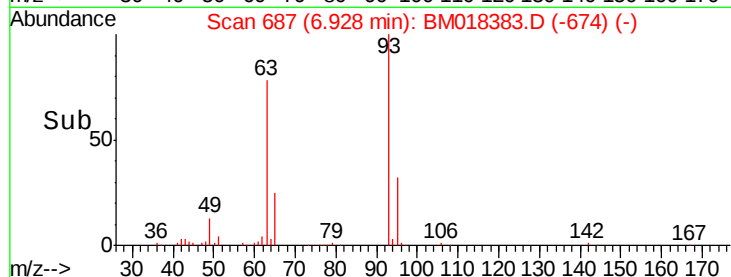
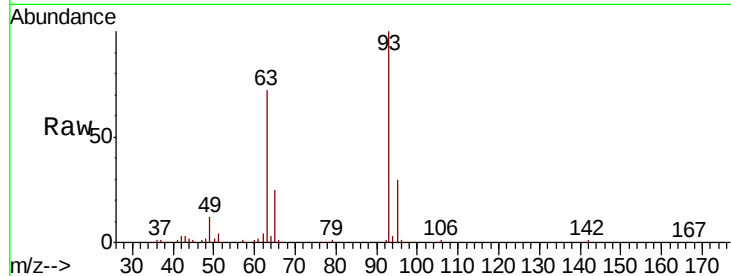
#11
bis(2-Chloroethyl)ether
Concen: 44.320 ng
RT: 6.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion:	93	Resp:	287688
Ion Ratio	Lower	Upper	
93	100		
63	72.1	51.7	91.7
95	29.8	13.1	53.1

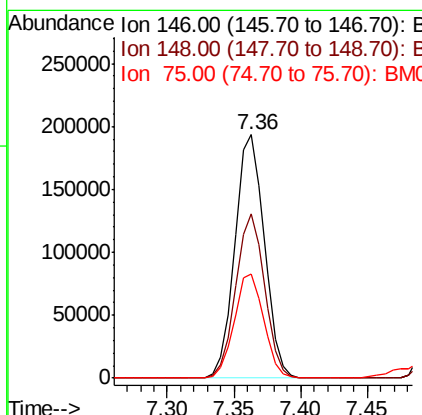
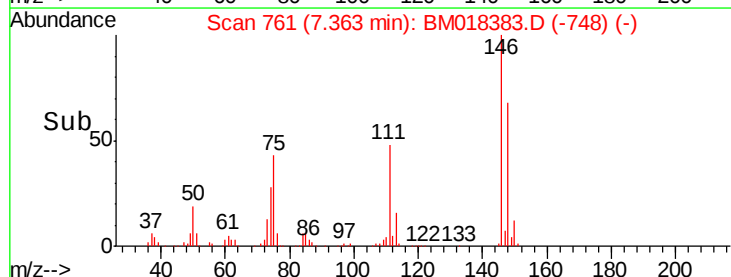
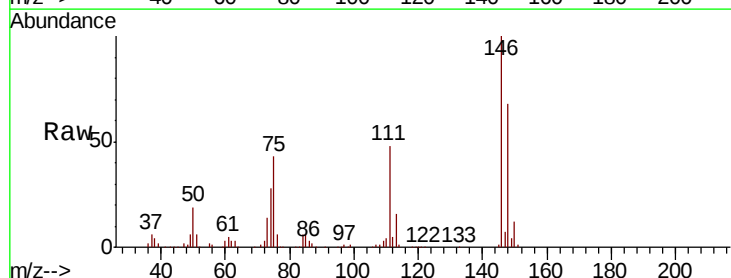
Manual Integrations
APPROVED

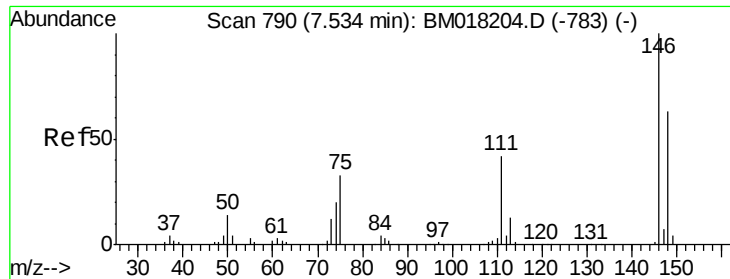
Sohil
12/26/2018 3:20:30 PM



#12
1,3-Dichlorobenzene
Concen: 40.546 ng
RT: 7.36 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:	146	Resp:	296821
Ion Ratio	Lower	Upper	
146	100		
148	67.5	50.6	76.0
75	42.8	27.0	40.4#





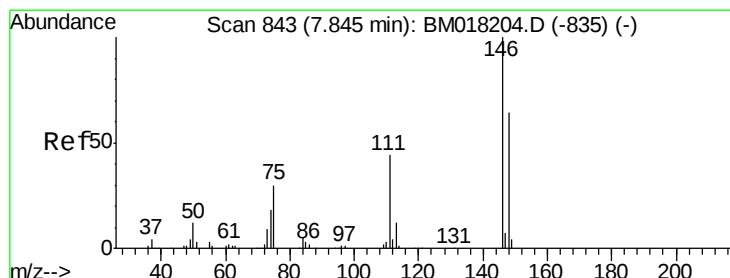
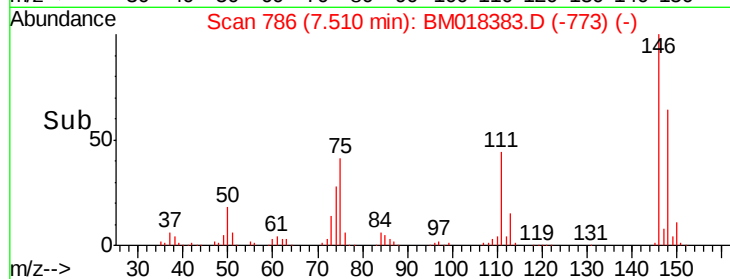
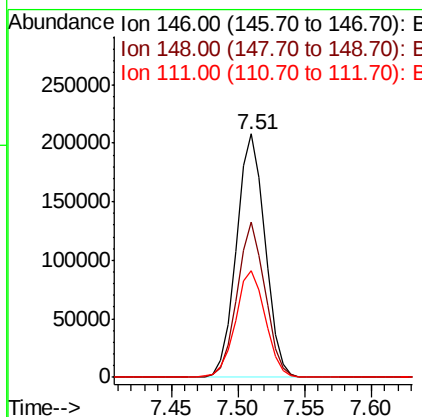
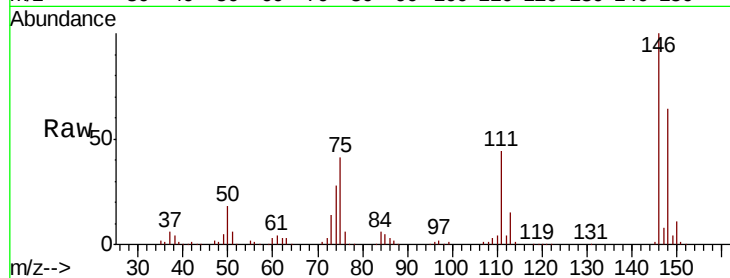
#13
 1,4-Dichlorobenzene
 Concen: 41.646 ng
 RT: 7.51 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
111	43.9	34.2	51.2

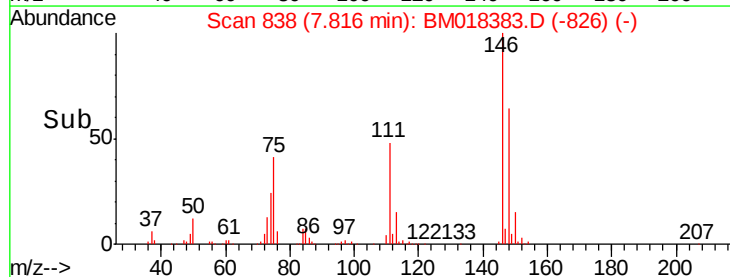
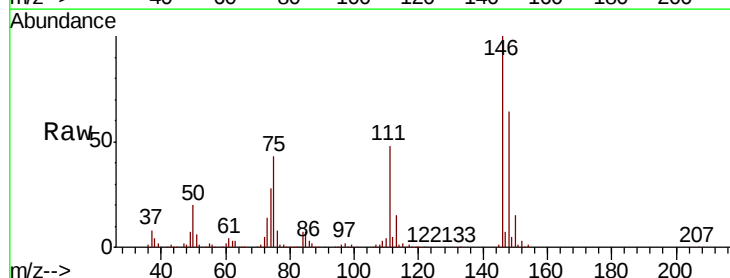
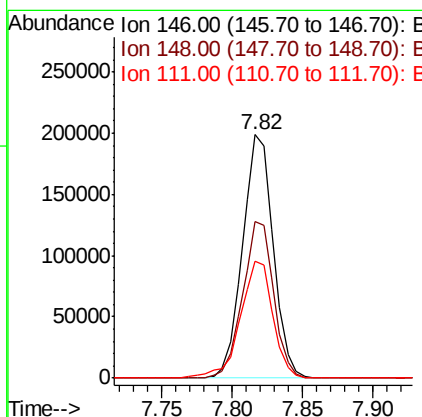
Manual Integrations
 APPROVED

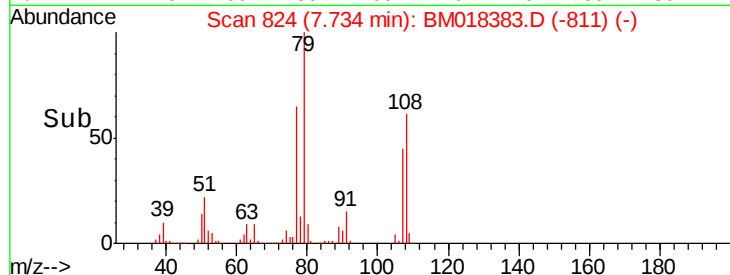
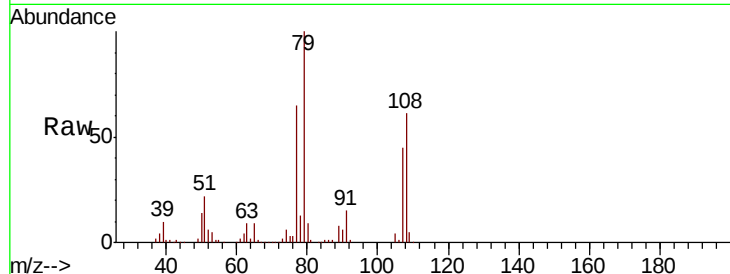
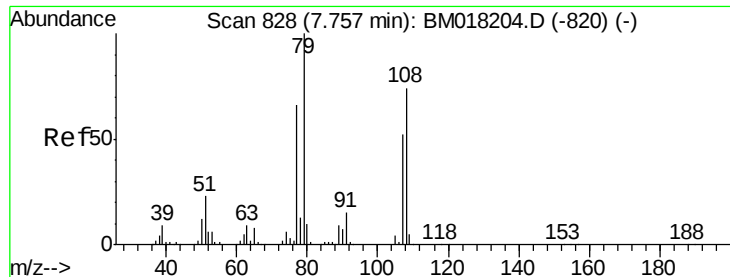
Sohil
 12/26/2018 3:20:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.084 ng
 RT: 7.82 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
111	48.1	35.8	53.8





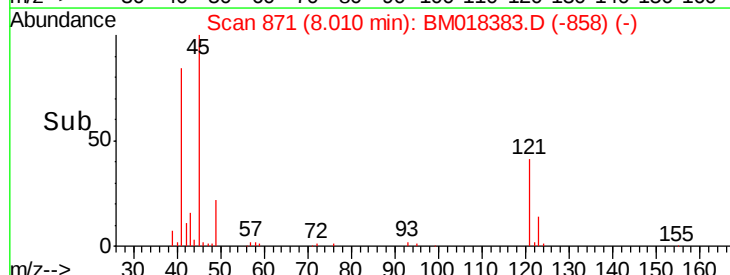
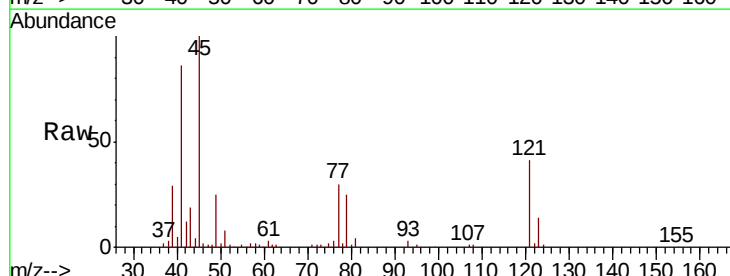
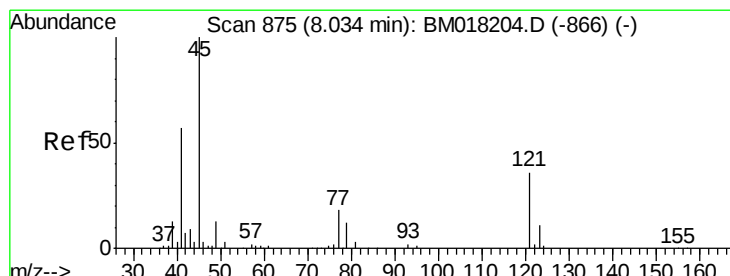
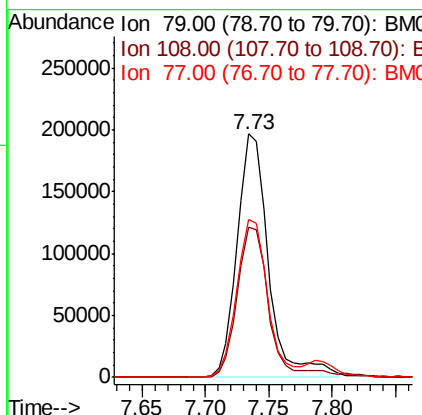
#15
Benzyl Alcohol
Concen: 54.014 ng
RT: 7.73 min Scan# 824
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.5	59.3	88.9
77	64.8	53.0	79.4

Instrument :
BNA_M
ClientSampled :
R20-OSMSD

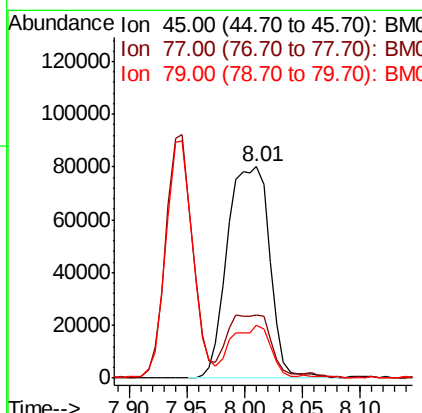
Manual Integrations
APPROVED

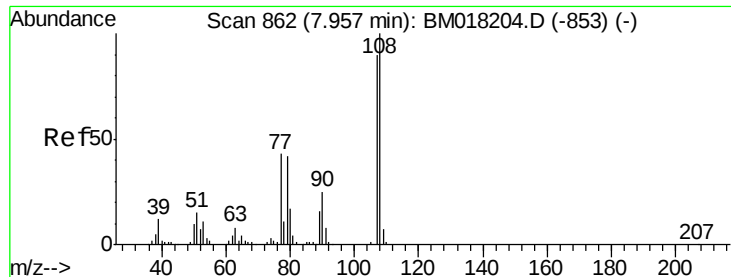
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.895 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.9	2.5	42.5
79	24.9	0.0	37.2





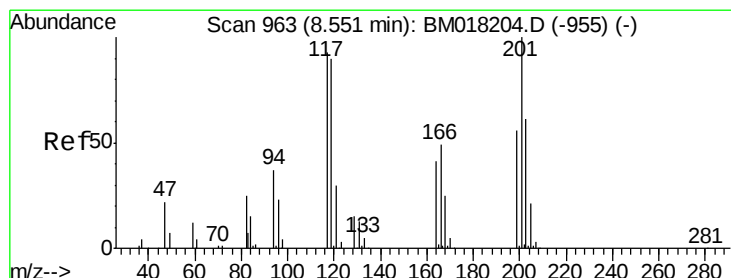
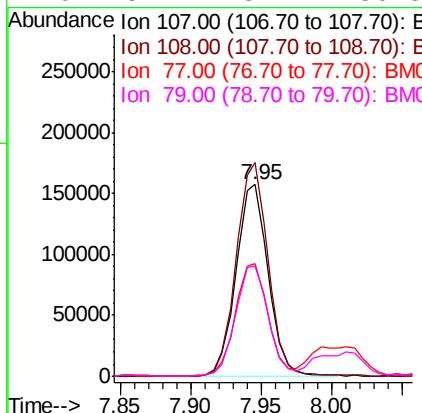
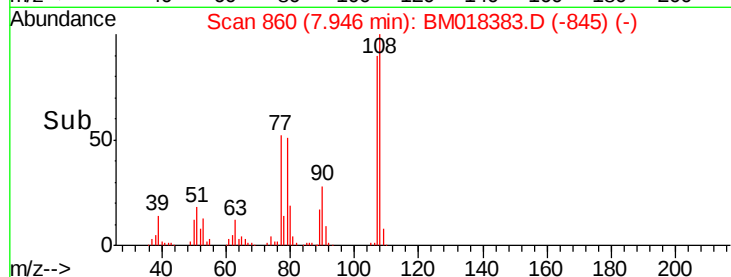
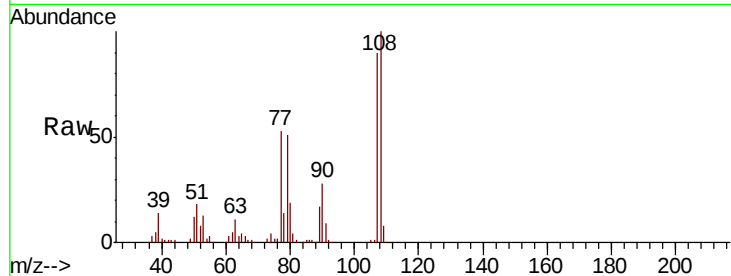
#17
2-Methylphenol
Concen: 45.849 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	89.3	133.9	
77	58.6	38.2	57.4	
79	57.2	37.7	56.5	

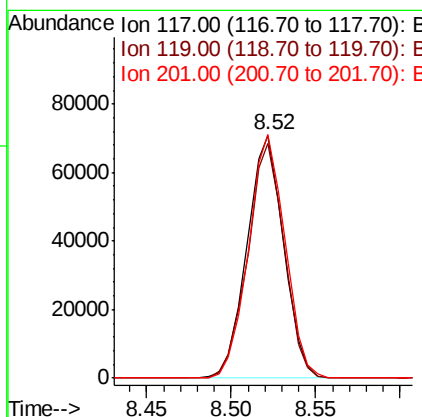
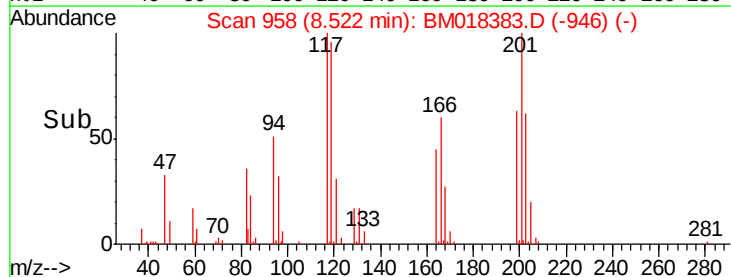
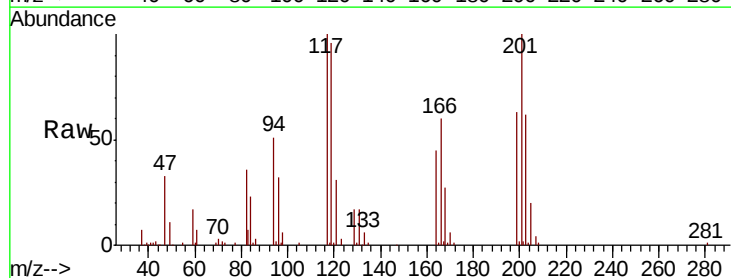
Manual Integrations
APPROVED

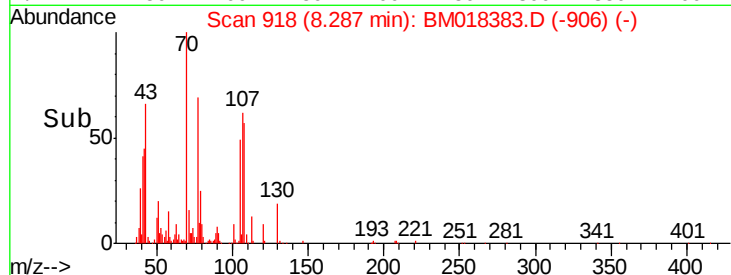
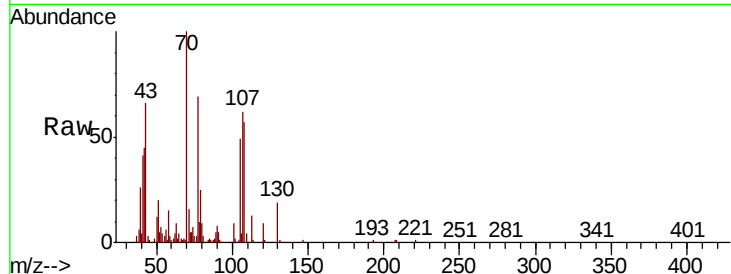
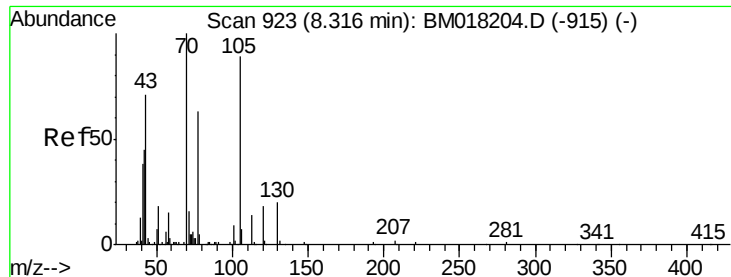
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#18
Hexachloroethane
Concen: 39.235 ng
RT: 8.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.0	115.4	
201	102.4	85.7	128.5	





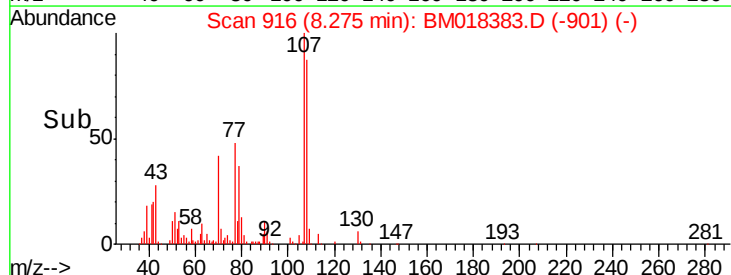
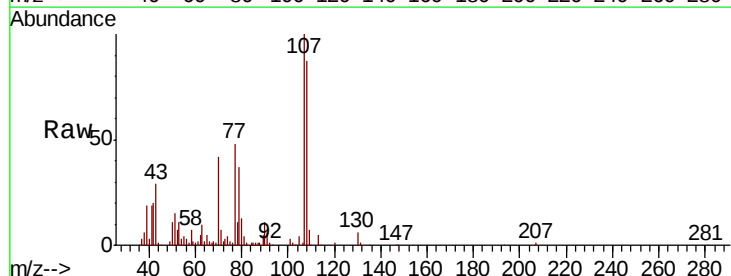
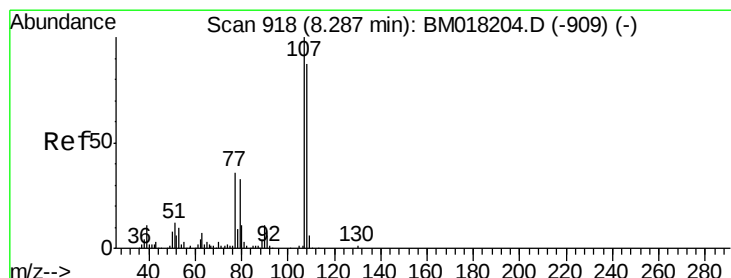
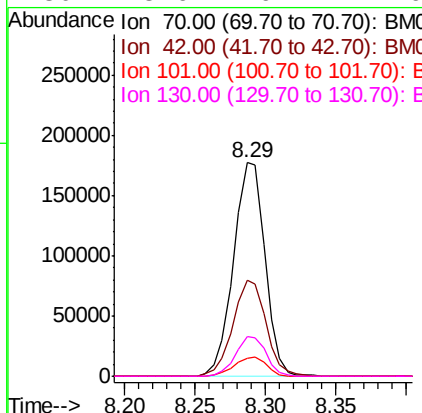
#19
n-Nitroso-di-n-propylamine
Concen: 47.994 ng
RT: 8.29 min Scan# 918
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.7	36.2	54.2	
101	8.6	7.5	11.3	
130	18.6	16.4	24.6	

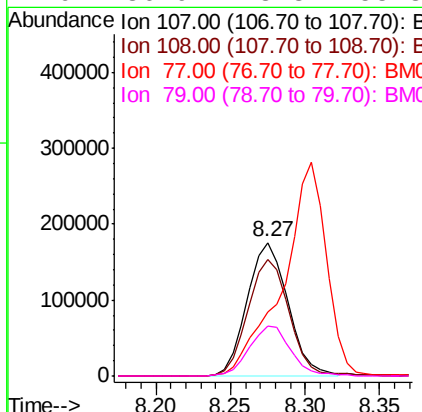
Manual Integrations
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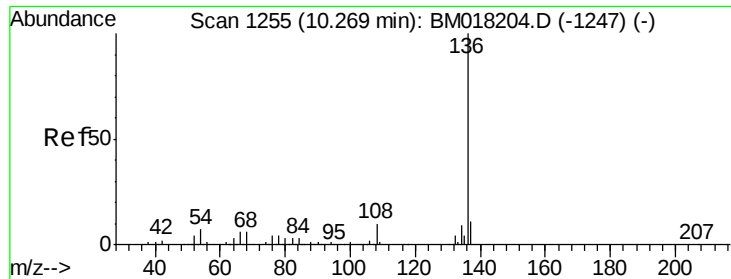
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#20
3+4-Methylphenols
Concen: 43.463 ng
RT: 8.27 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	67.4	107.4	
77	47.7	15.7	55.7	
79	36.9	13.3	53.3	





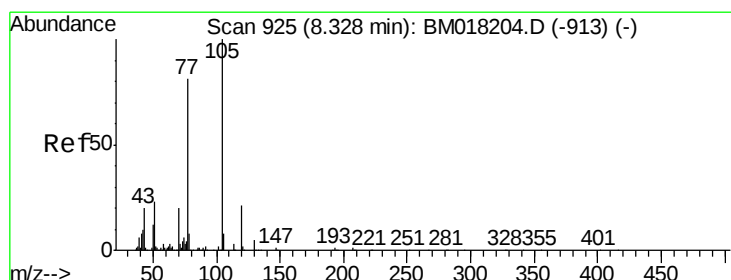
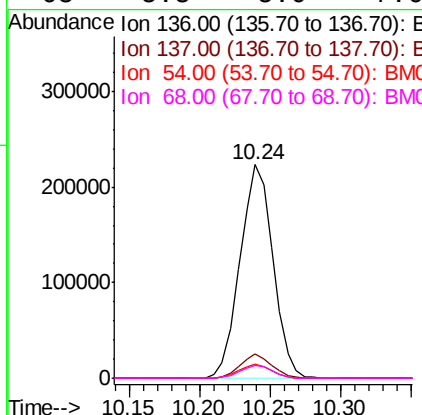
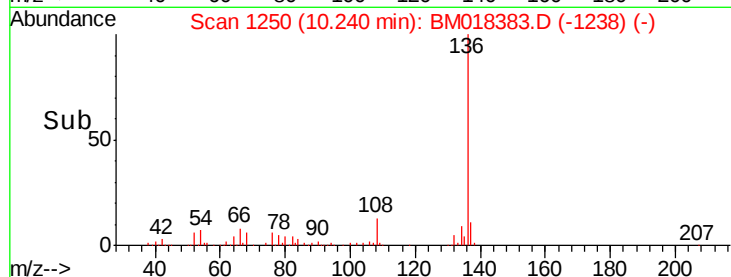
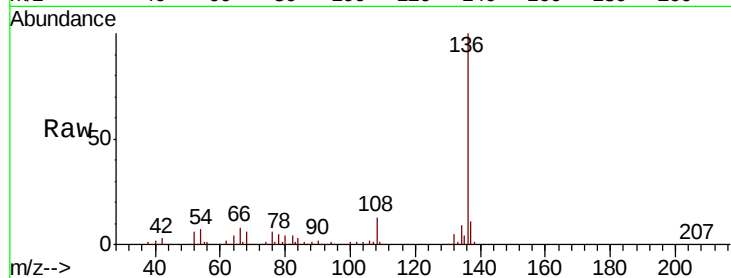
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		365735		
137	11.2		9.2	13.8	
54	6.7		5.2	7.8	
68	5.8		5.0	7.6	

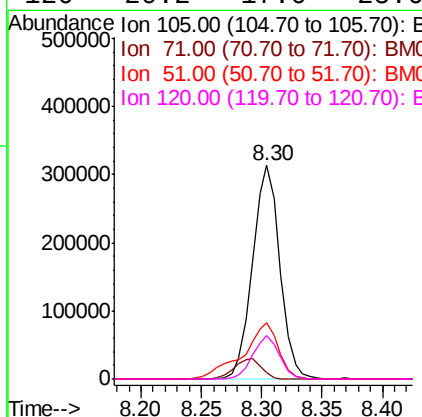
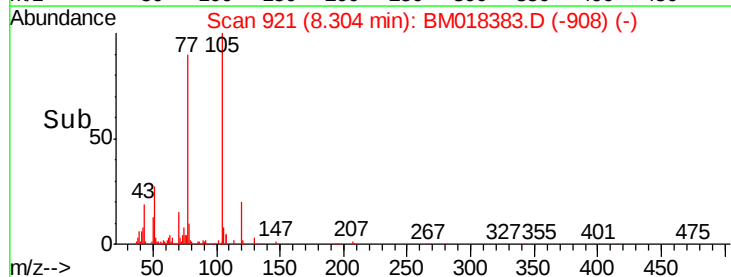
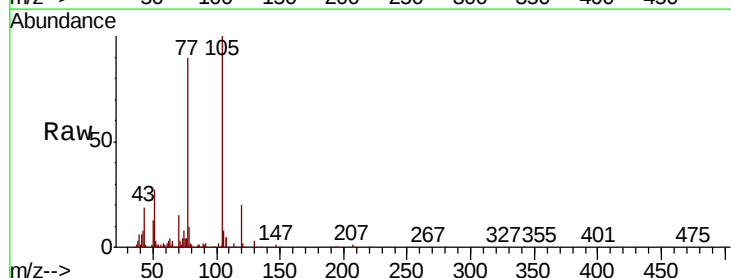
Manual Integrations
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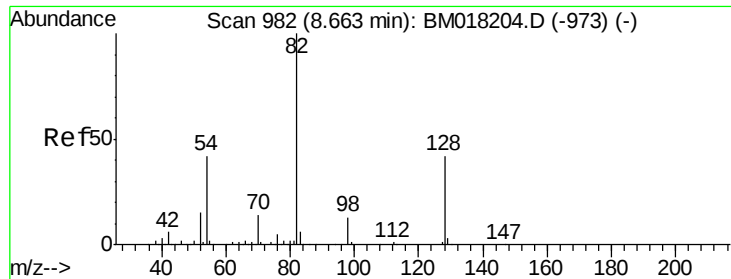
Sohil
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#22
Acetophenone
Concen: 50.980 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		493413		
71	2.9		2.6	4.0	
51	26.5		18.3	27.5	
120	20.2		17.0	25.6	





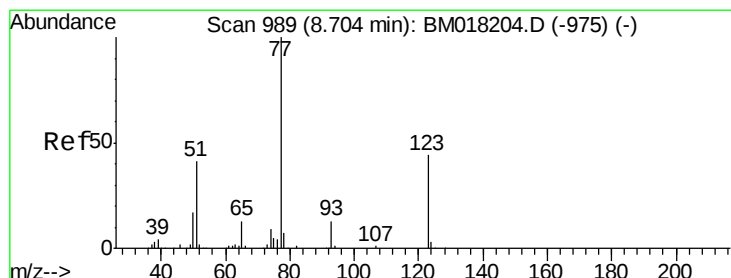
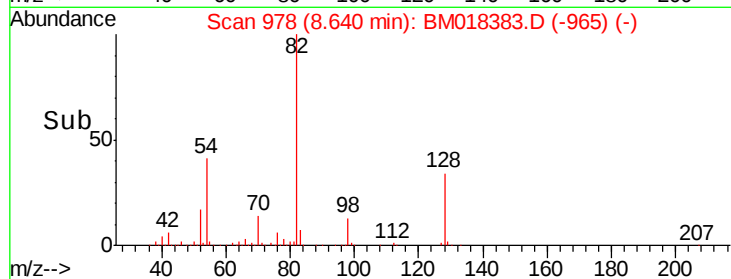
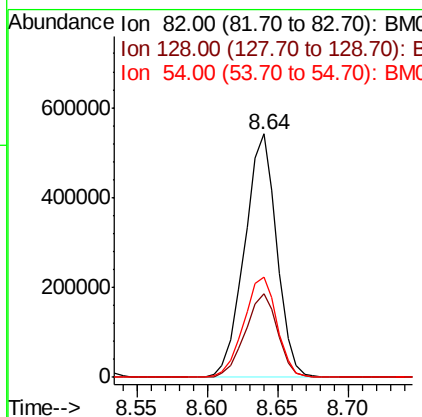
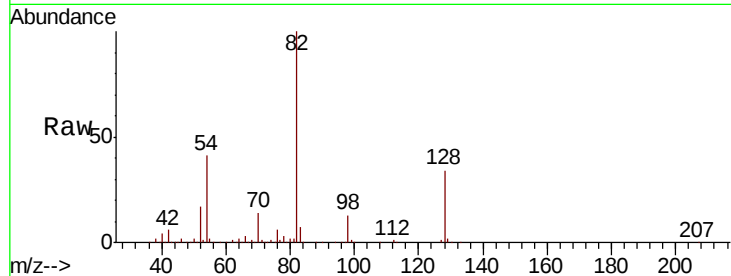
#23
Nitrobenzene-d5
Concen: 121.415 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	33.4	50.2
54	41.3	33.4	50.2

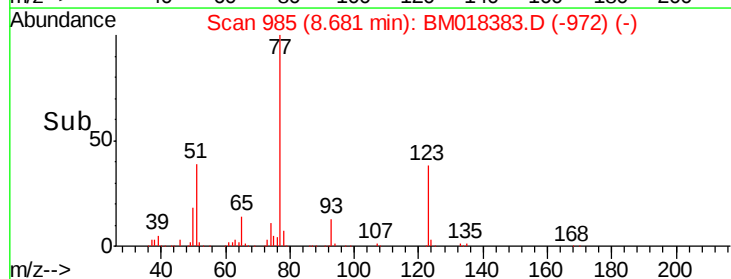
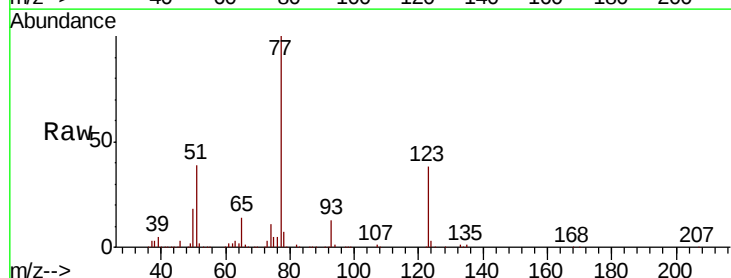
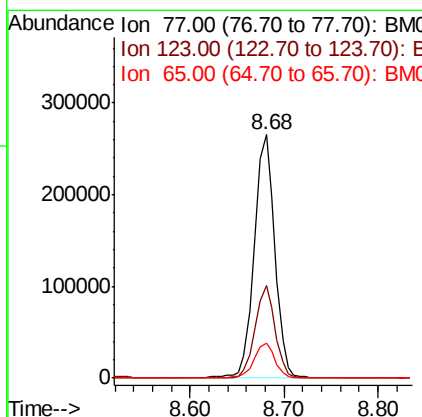
Manual Integrations
APPROVED

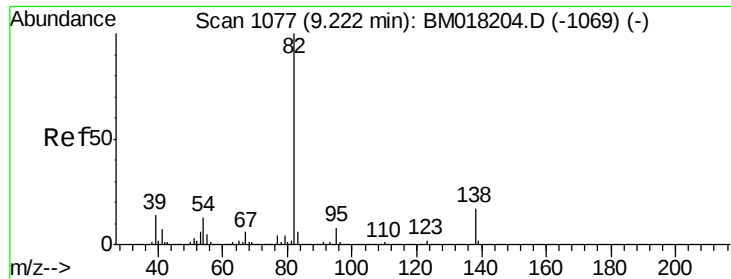
Sohil
12/26/2018 3:20:30 PM



#24
Nitrobenzene
Concen: 56.358 ng
RT: 8.68 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	35.4	53.2
65	14.2	10.6	15.8





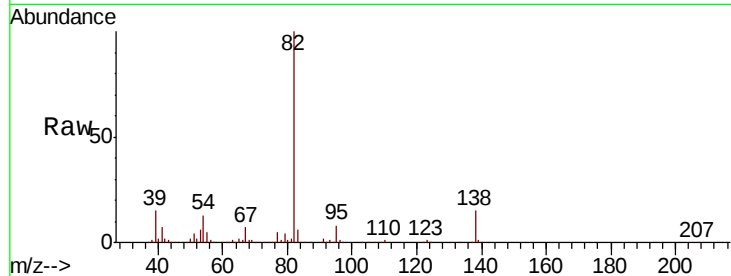
#25
Isophorone
Concen: 57.308 ng
RT: 9.20 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	680301		
95	8.3		6.4	9.6
138	15.1		13.9	20.9

Manual Integrations
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Sohil
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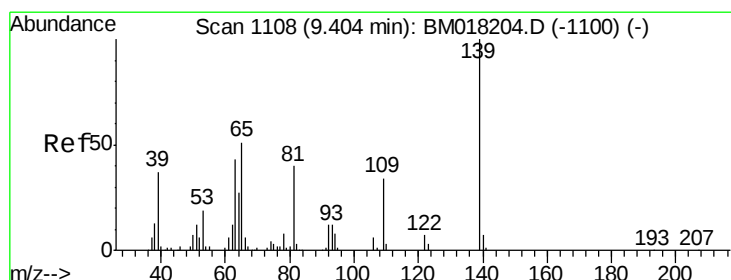
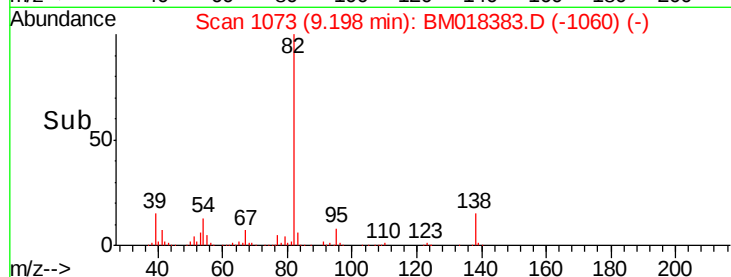
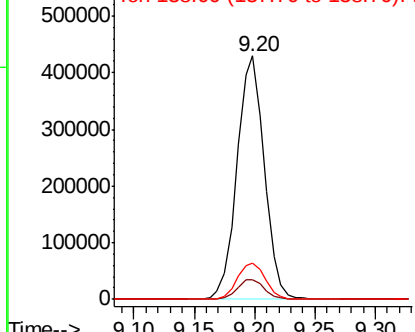


Abundance

Ion 82.00 (81.70 to 82.70): BM018204.D (-1069) (-)

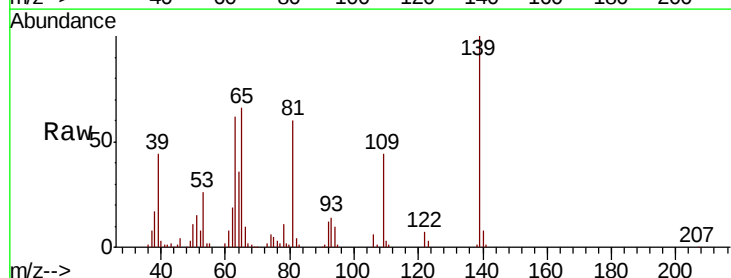
Ion 95.00 (94.70 to 95.70): BM018204.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM018204.D (-1069) (-)



#26
2-Nitrophenol
Concen: 40.195 ng
RT: 9.37 min Scan# 1103
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140455		
109	44.4		27.4	41.0#
65	65.7		41.0	61.4#

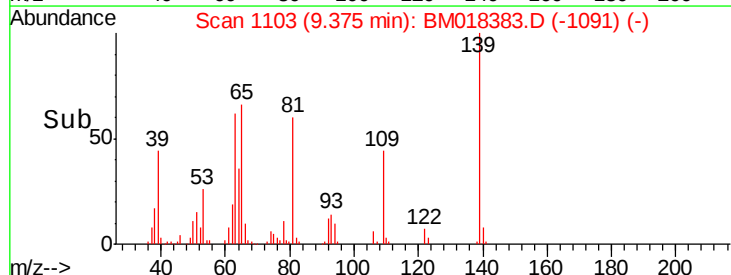
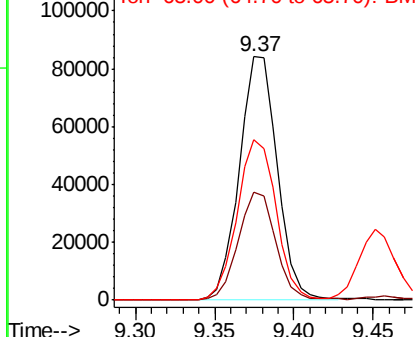


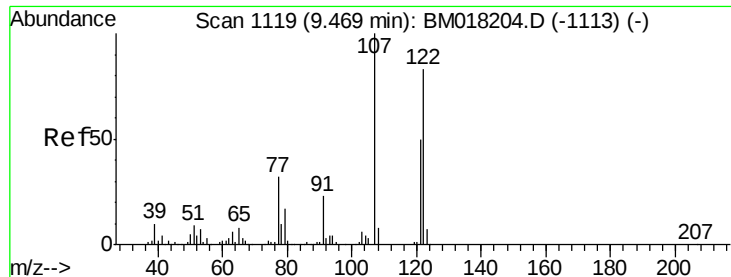
Abundance

Ion 139.00 (138.70 to 139.70): BM018204.D (-1100) (-)

Ion 109.00 (108.70 to 109.70): BM018204.D (-1100) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-1100) (-)





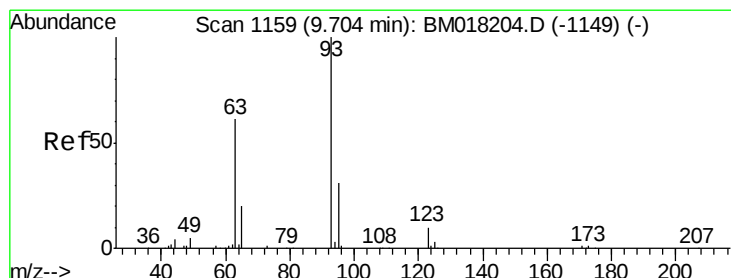
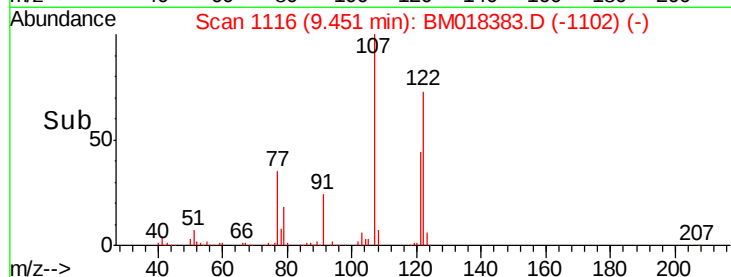
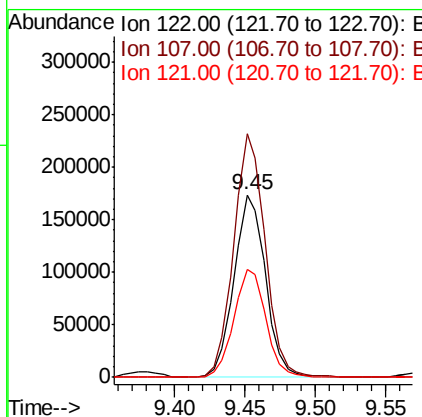
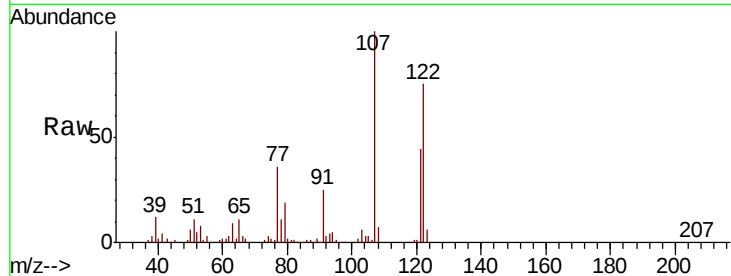
#27
2,4-Dimethylphenol
Concen: 53.766 ng
RT: 9.45 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.6	96.5	144.7
121	59.0	48.2	72.4

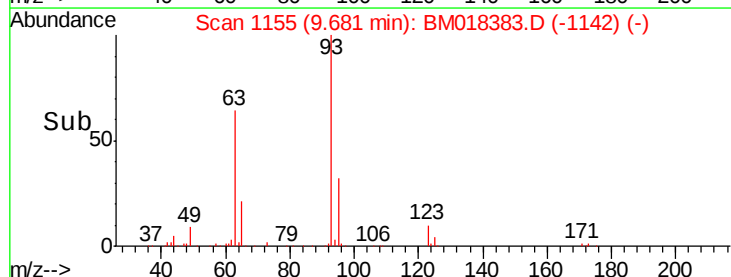
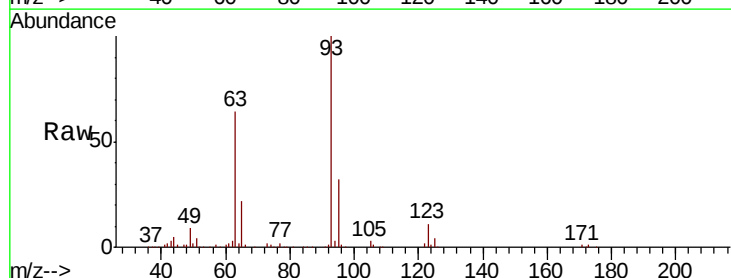
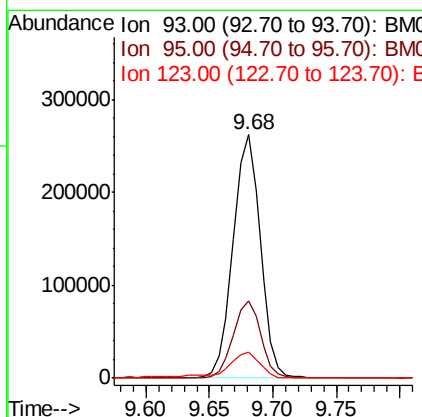
Manual Integrations
APPROVED

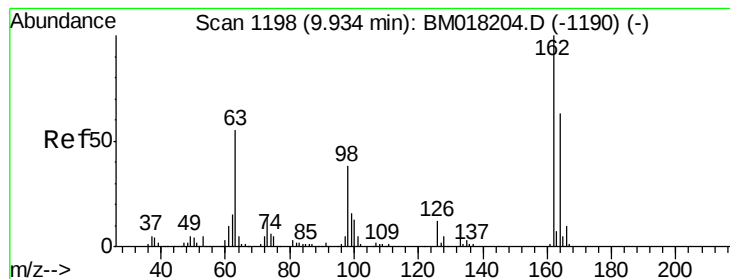
Sohil
12/26/2018 3:20:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.370 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.3	37.9
123	10.8	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 49.631 ng

RT: 9.92 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

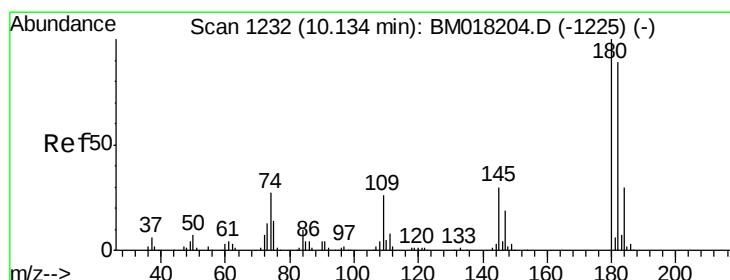
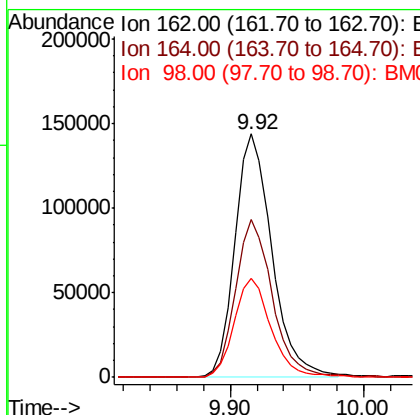
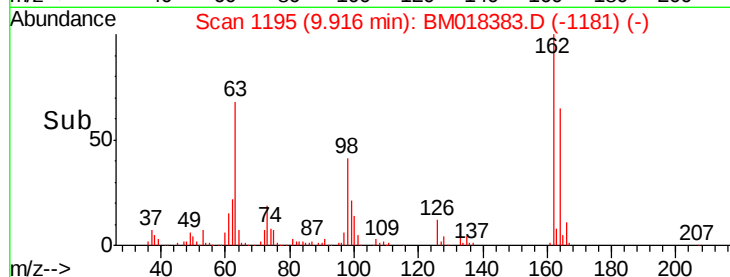
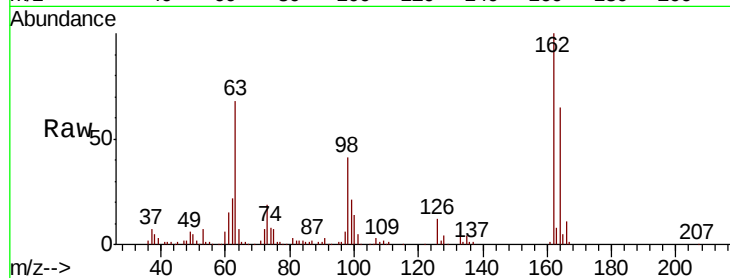
ClientSampleId :

R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	277128		
164	65.1	43.0	83.0	
98	40.7	18.3	58.3	

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#30

1,2,4-Trichlorobenzene

Concen: 47.767 ng

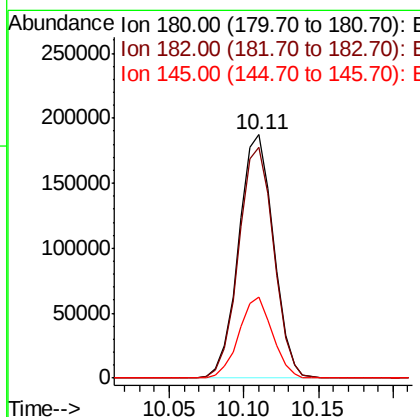
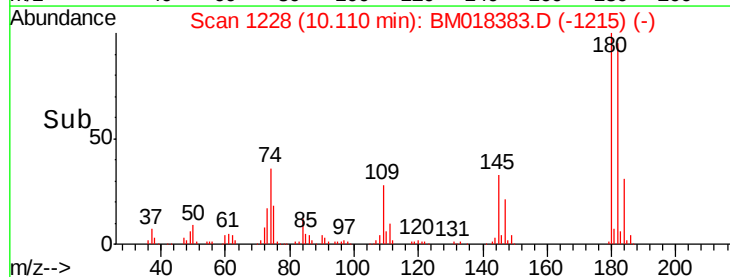
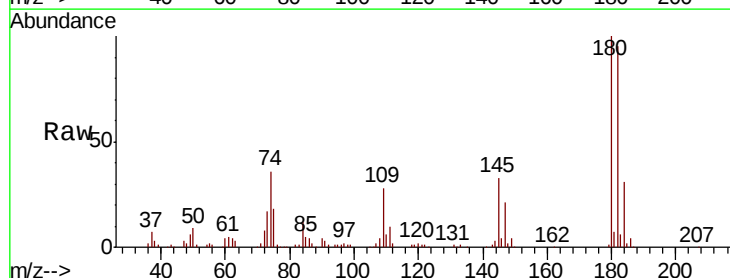
RT: 10.11 min Scan# 1228

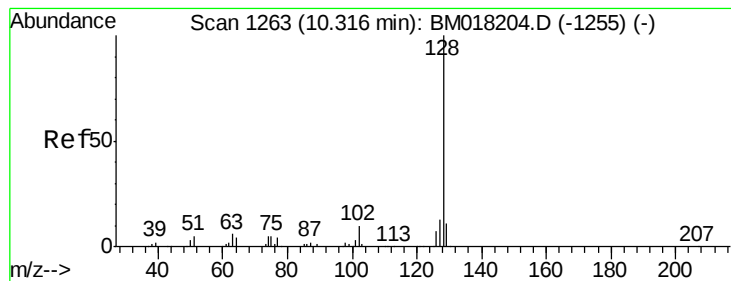
Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	303384		
182	94.9	71.4	107.2	
145	33.2	24.4	36.6	





#31

Naphthalene

Concen: 49.528 ng

RT: 10.29 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

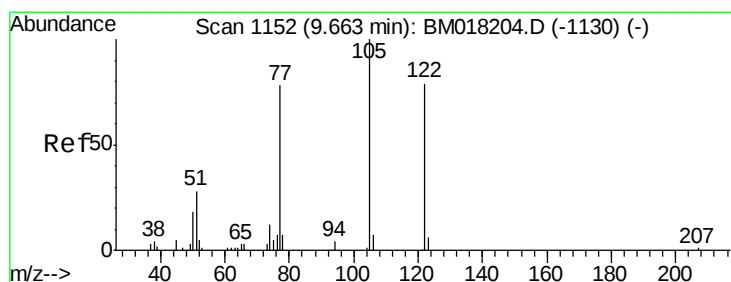
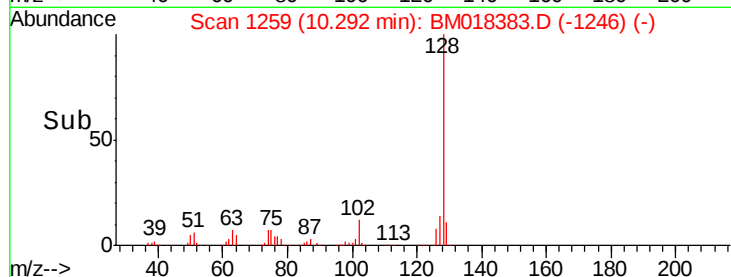
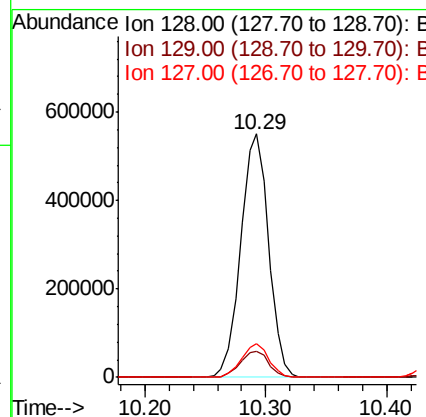
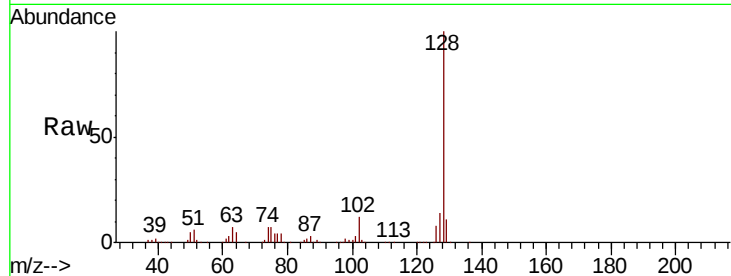
ClientSampleId :

R20-OSMSD

Tot Ion:	128	Resp:	885744
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.9	13.3
127	13.9	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 36.353 ng

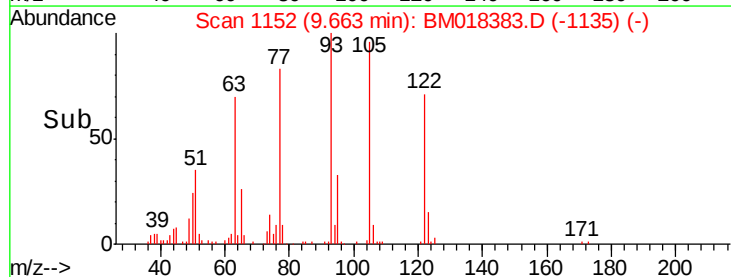
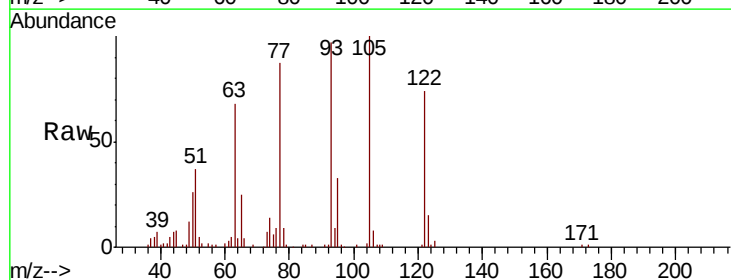
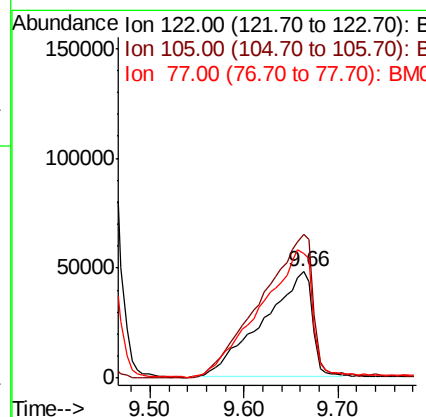
RT: 9.66 min Scan# 1152

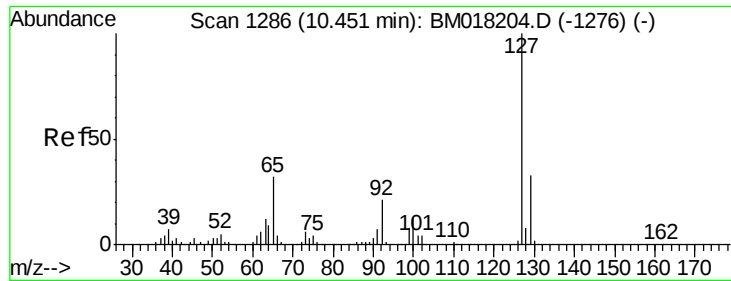
Delta R.T. 0.00 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion:	122	Resp:	173358
Ion Ratio	Lower	Upper	
122	100		
105	135.5	104.8	144.8
77	117.6	77.7	117.7





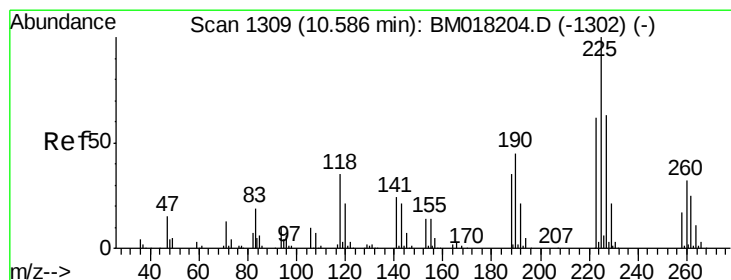
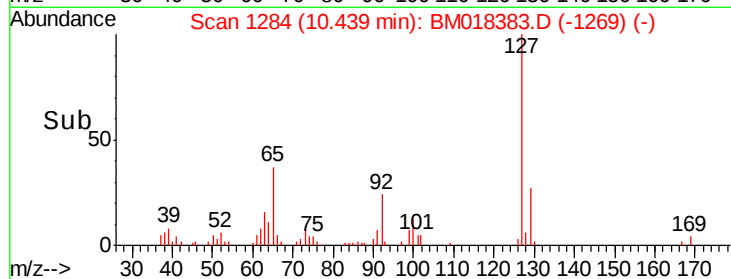
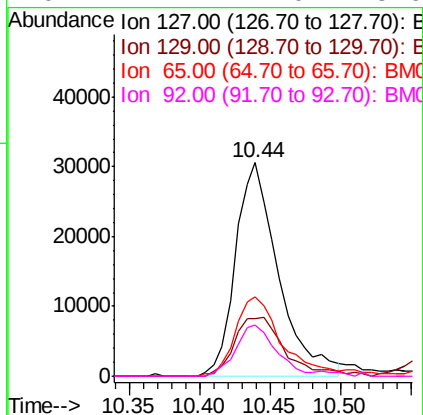
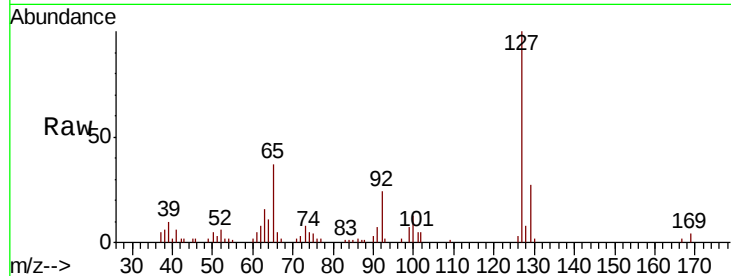
#33
4-Chloroaniline
Concen: 8.289 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64932		
129	27.1	26.4	39.6		
65	37.0	25.6	38.4		
92	24.2	17.0	25.6		

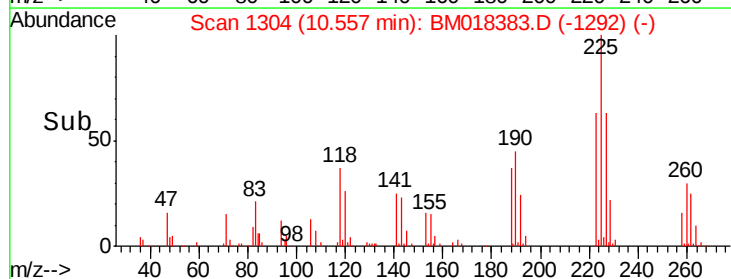
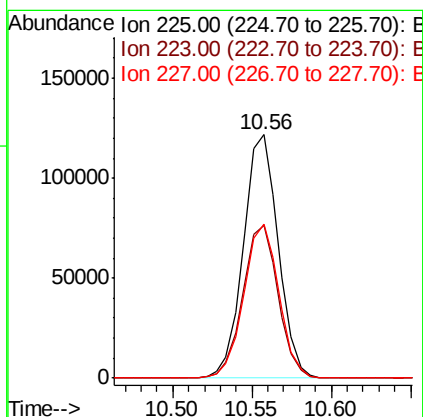
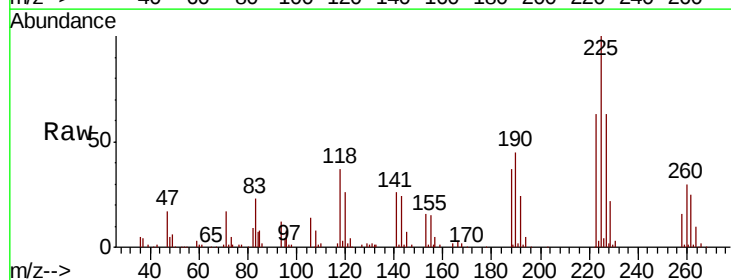
Manual Integrations
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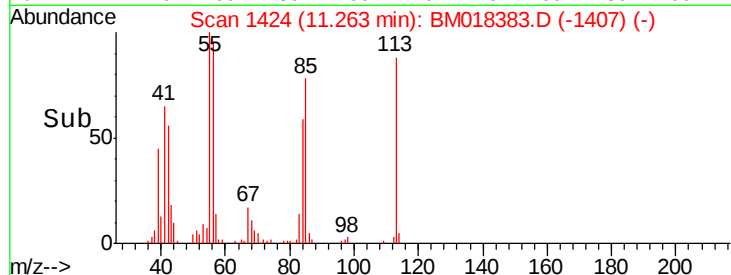
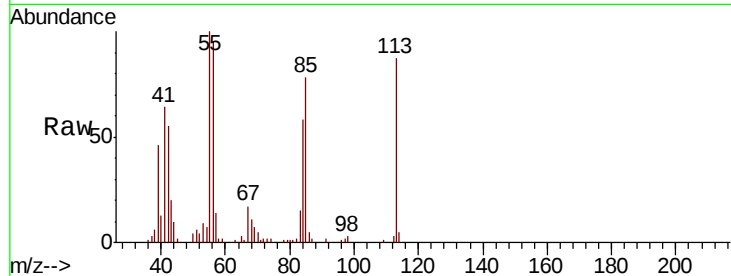
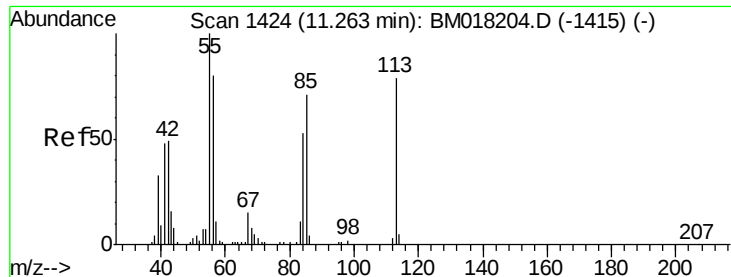
Sohil
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#34
Hexachlorobutadiene
Concen: 46.183 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		185515		
223	63.0	49.8	74.6		
227	63.4	50.2	75.4		





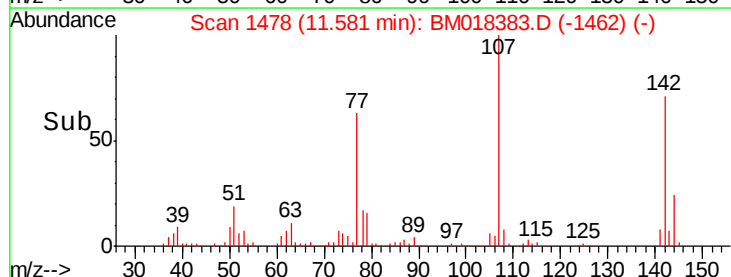
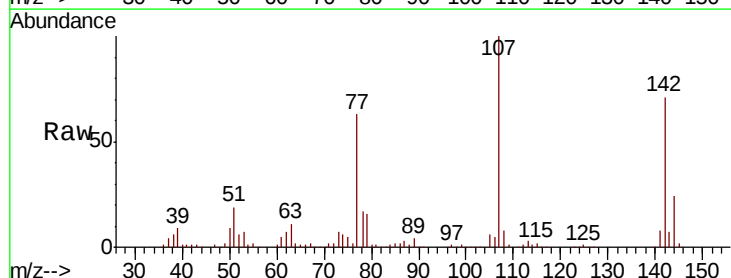
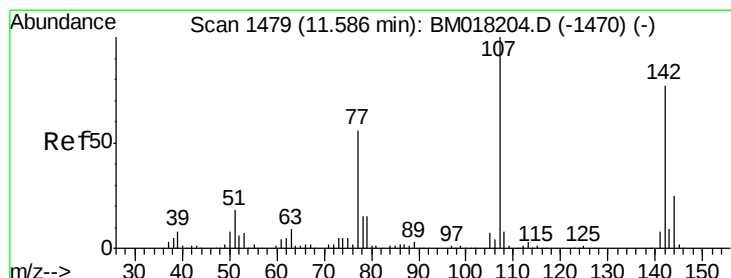
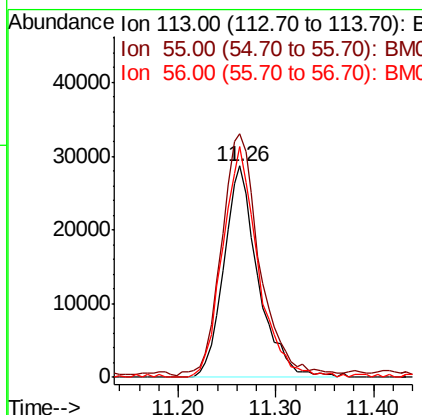
#35
Caprolactam
Concen: 32.706 ng/ml
RT: 11.26 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	115.1	105.9	145.9
56	109.0	80.1	120.1

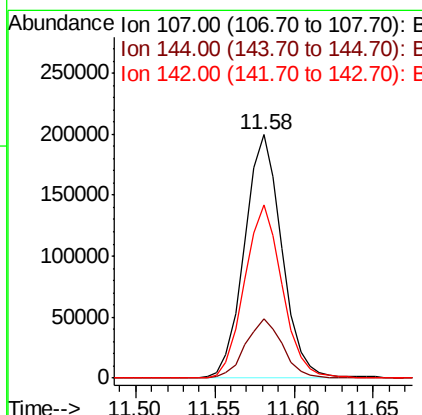
Manual Integrations
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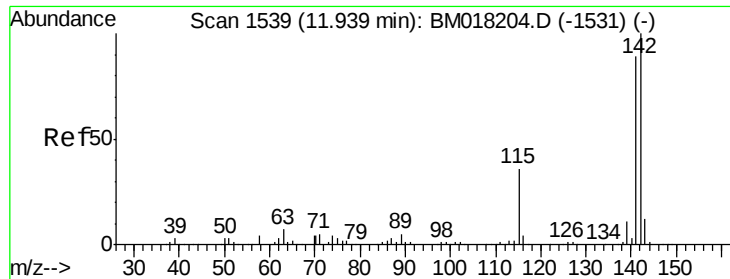
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#36
4-Chloro-3-methylphenol
Concen: 48.646 ng
RT: 11.58 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.1	30.1
142	71.3	61.7	92.5





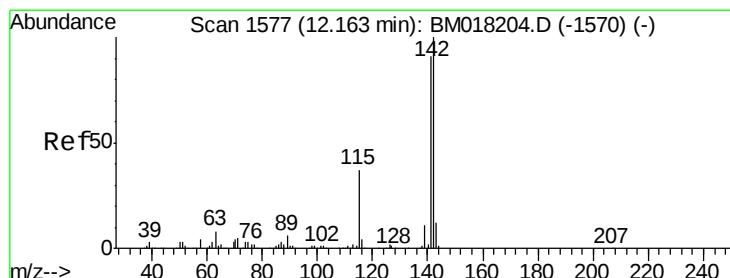
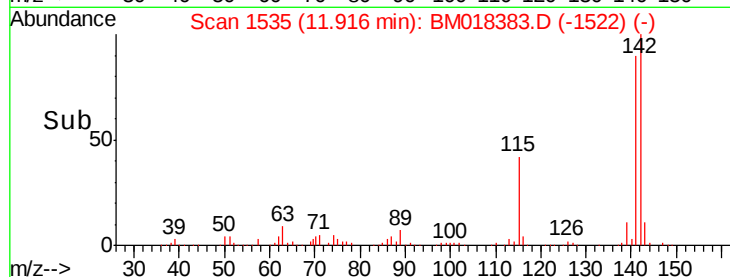
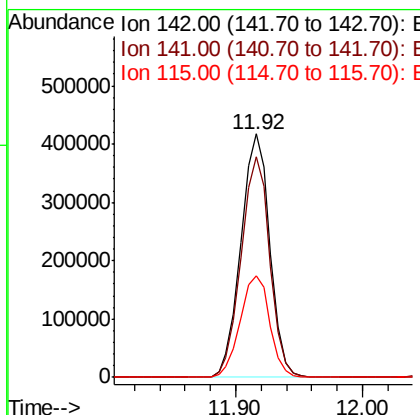
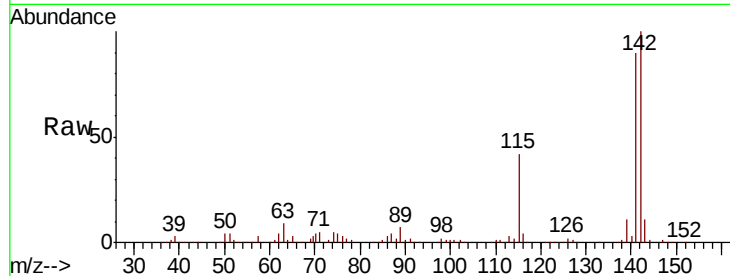
#37
2-Methylnaphthalene
Concen: 52.200 ng
RT: 11.92 min Scan# 1535
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2
115	41.8	29.0	43.6

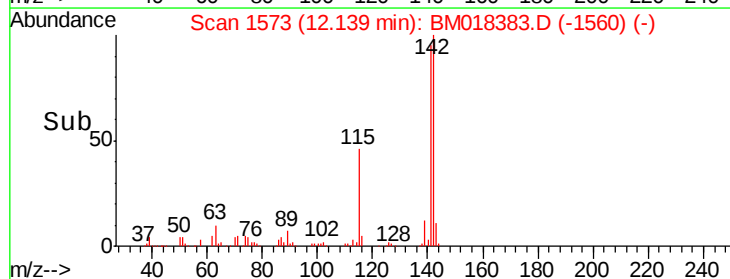
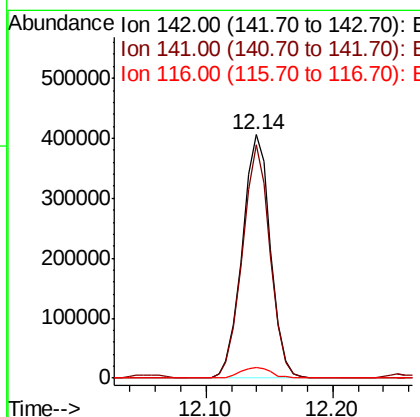
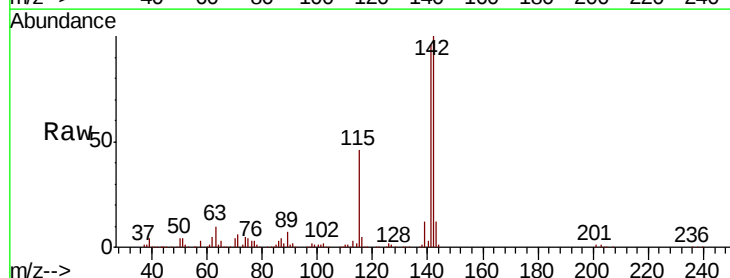
Manual Integrations
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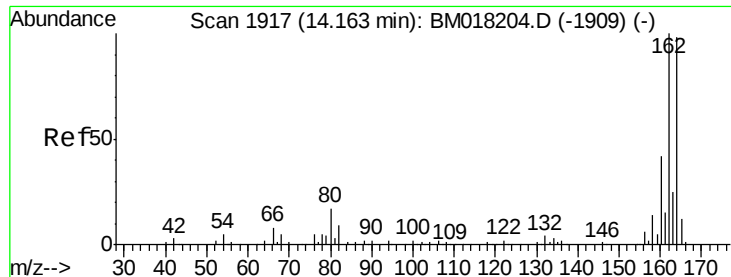
Sohil
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#38
1-Methylnaphthalene
Concen: 50.704 ng
RT: 12.14 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	73.0	109.4
116	4.5	3.0	4.6





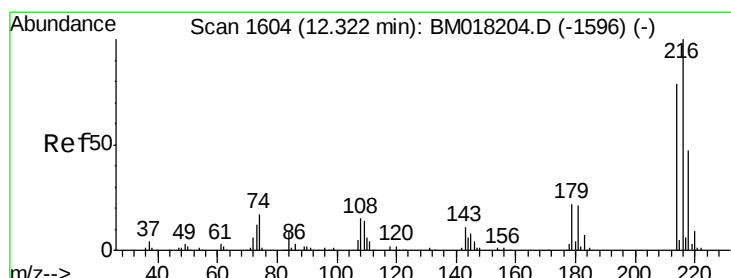
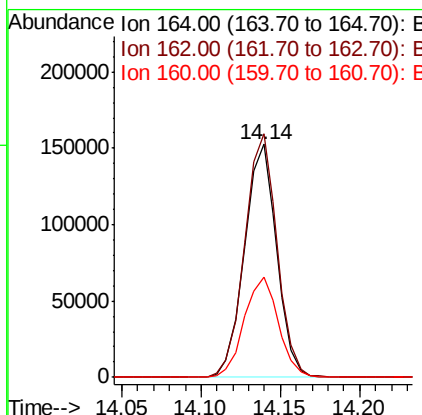
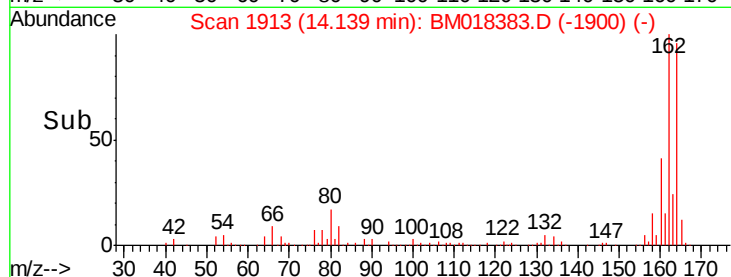
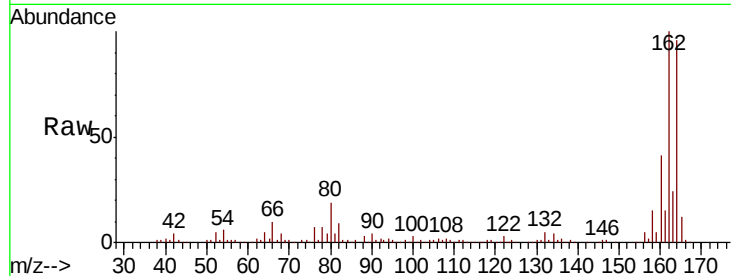
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.8	122.6
160	43.0	34.6	51.8

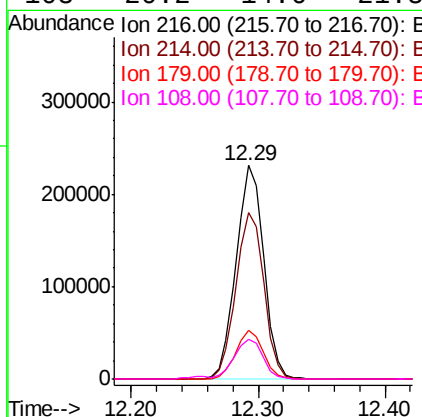
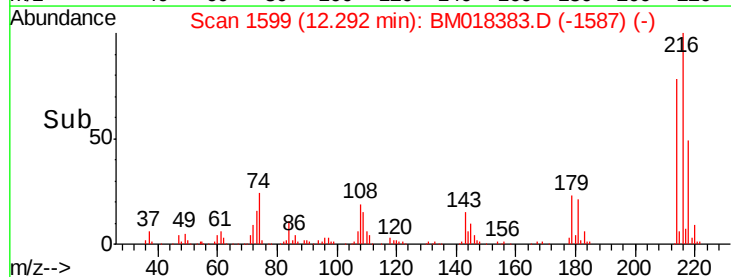
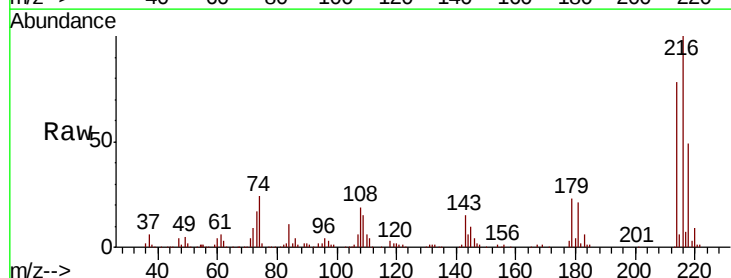
Manual Integrations
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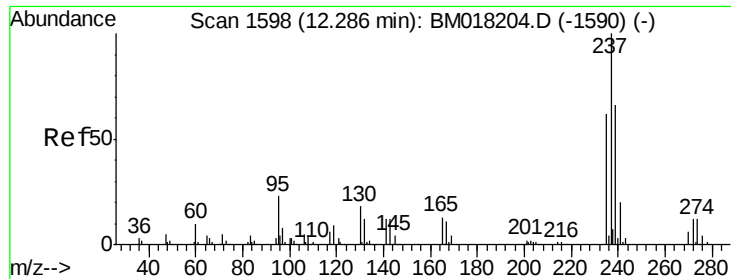
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.181 ng
RT: 12.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	22.3	17.2	25.8
108	20.2	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 29.142 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.03 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

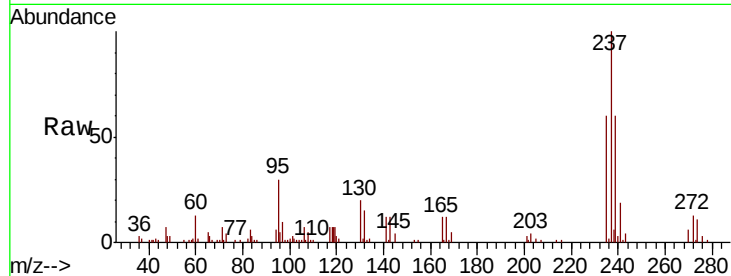
ClientSampleId :

R20-OSMSD

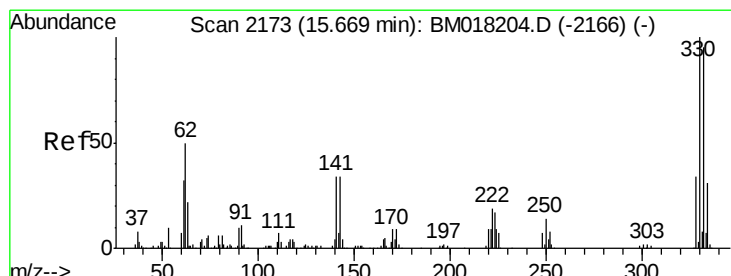
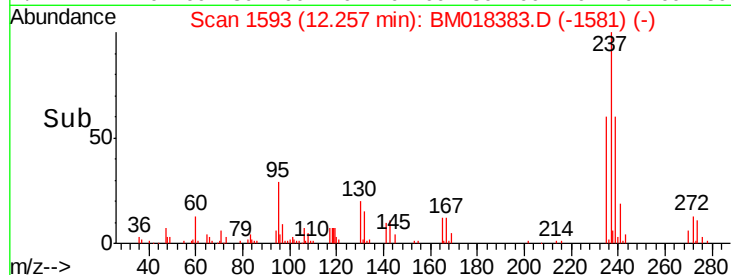
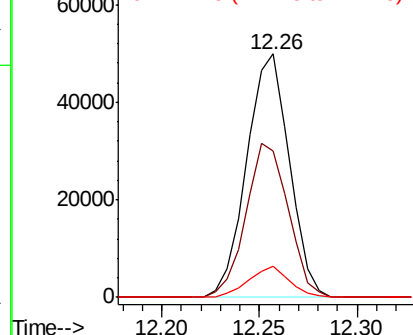
Tot Ion:	237	Resp:	75528
Ion Ratio	Lower	Upper	
237	100		
235	60.0	42.1	82.1
272	12.7	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 151.604 ng

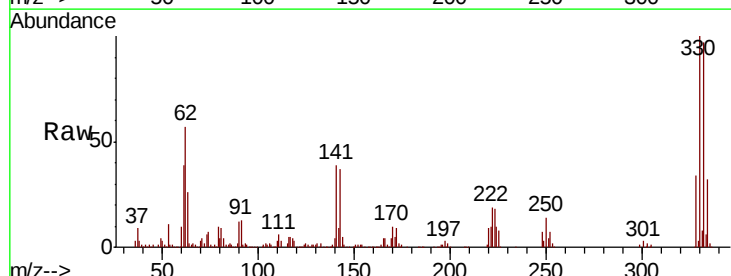
RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

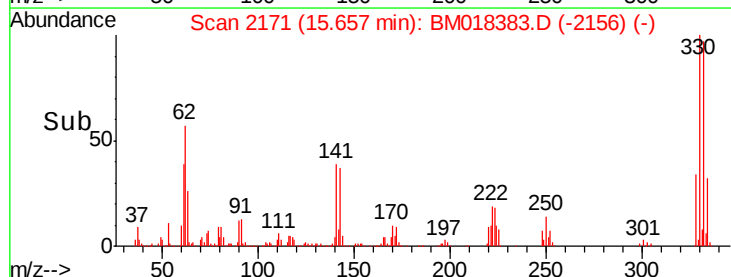
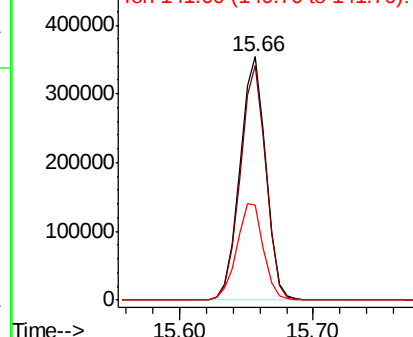
Lab File: BM018383.D

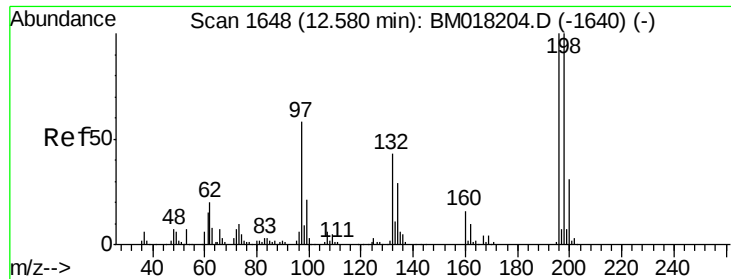
Acq: 22 Dec 2018 14:58

Tgt Ion:	330	Resp:	476525
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.6	118.0
141	40.9	27.1	40.7#



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





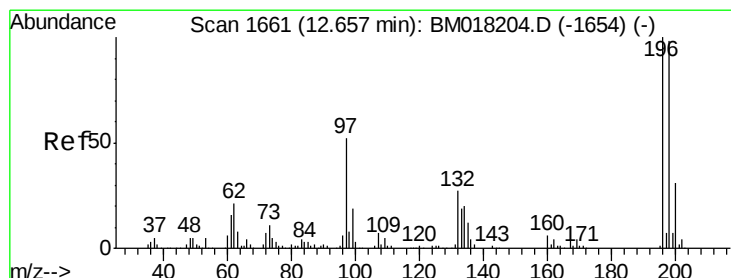
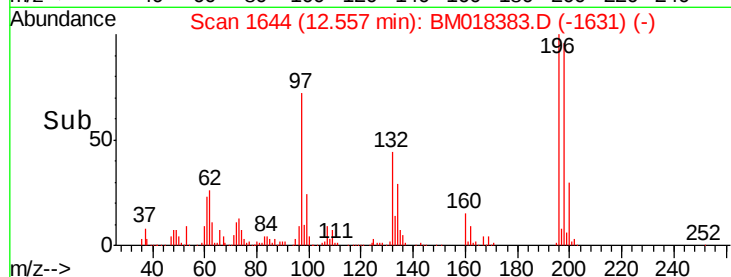
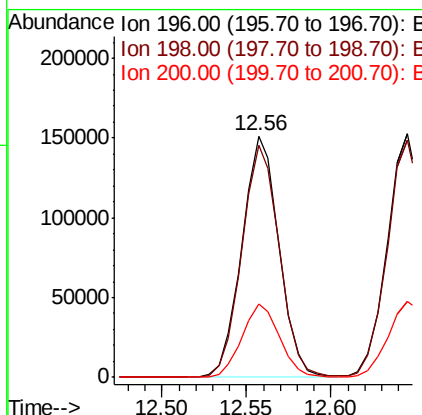
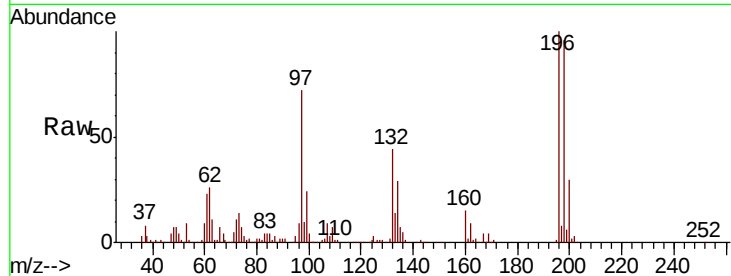
#43
 2,4,6-Trichlorophenol
 Concen: 48.929 ng
 RT: 12.56 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 R20-OSMSD

Tot Ion:	196	Resp:	231755
Ion Ratio	Lower	Upper	
196	100		
198	96.1	80.1	120.1
200	30.3	24.9	37.3

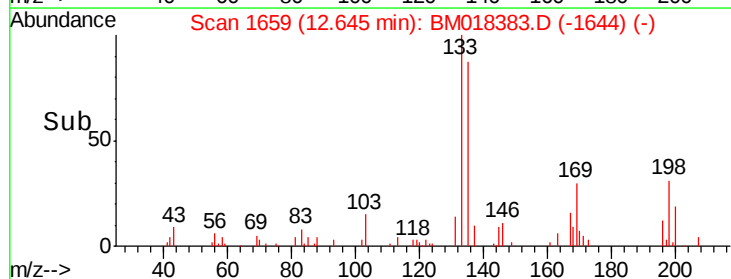
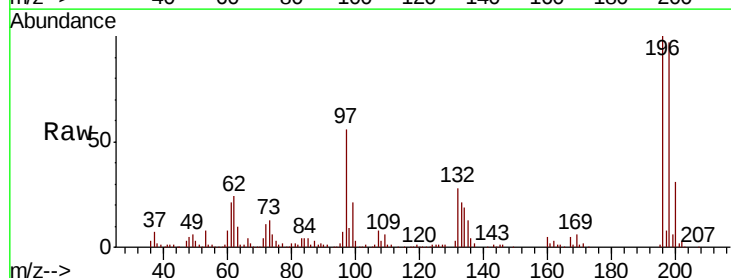
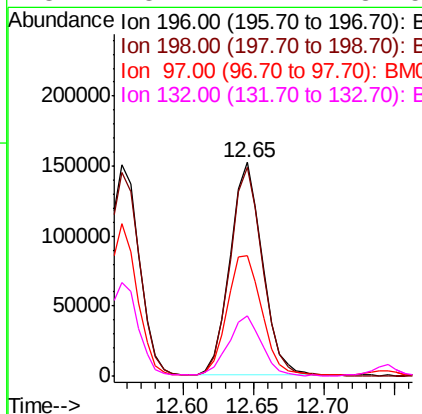
Manual Integrations
 APPROVED

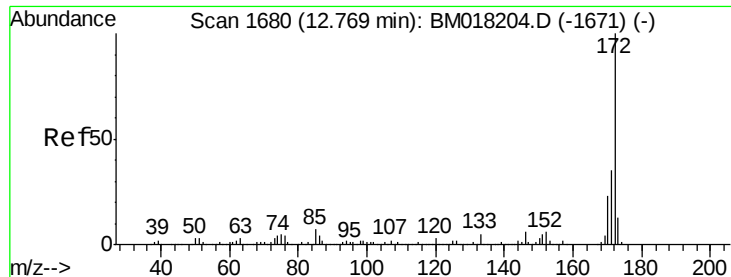
Sohil
 12/26/2018 3:20:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.144 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion:	196	Resp:	242091
Ion Ratio	Lower	Upper	
196	100		
198	97.5	78.5	117.7
97	56.1	41.9	62.9
132	28.2	21.7	32.5





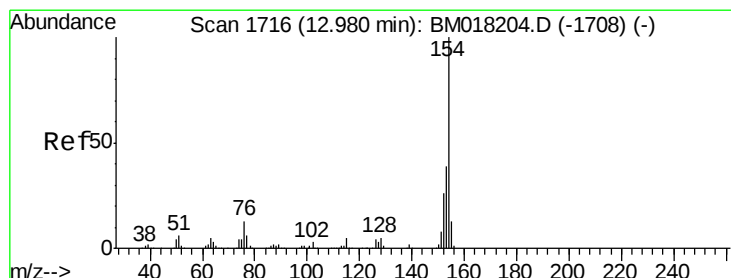
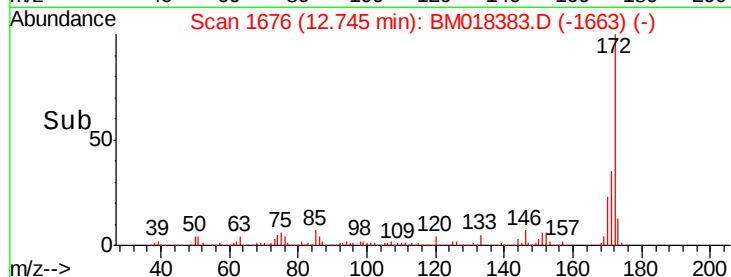
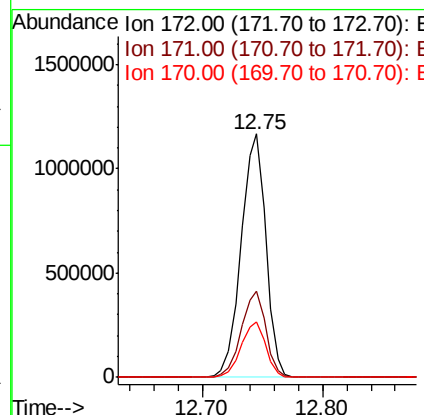
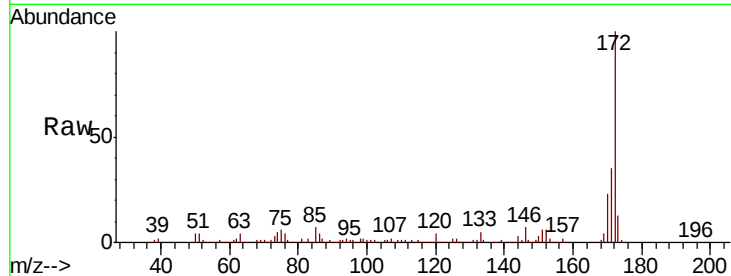
#45
2-Fluorobiphenyl
Concen: 100.936 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.7	18.1	27.1

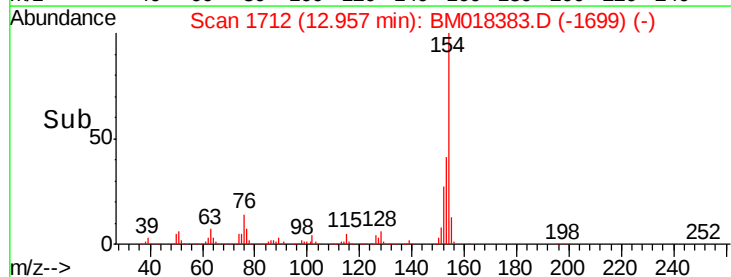
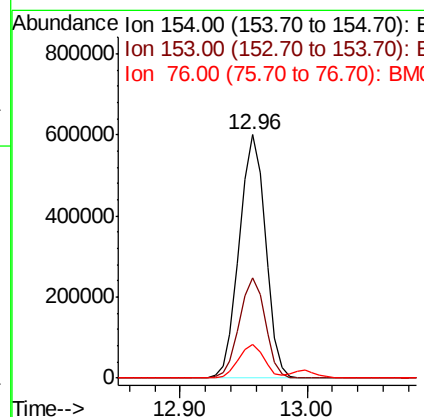
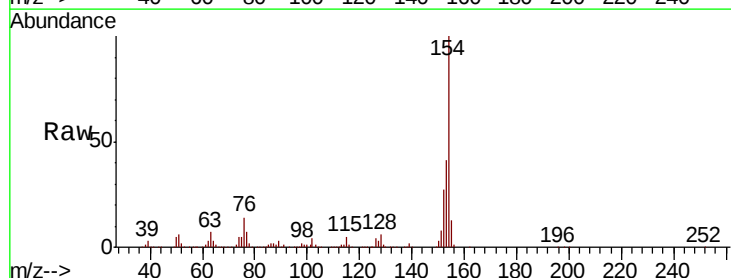
Manual Integrations
APPROVED

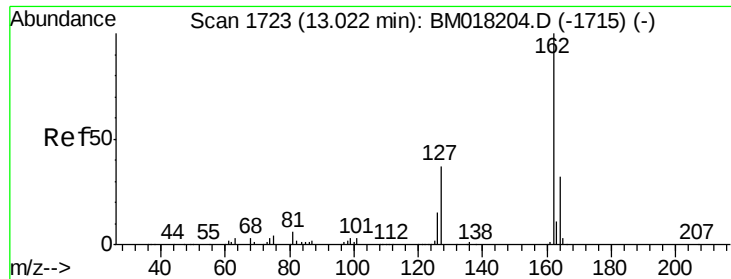
Sohil
12/26/2018 3:20:30 PM



#46
1,1'-Biphenyl
Concen: 44.541 ng
RT: 12.96 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.5	59.5
76	13.8	0.0	33.1





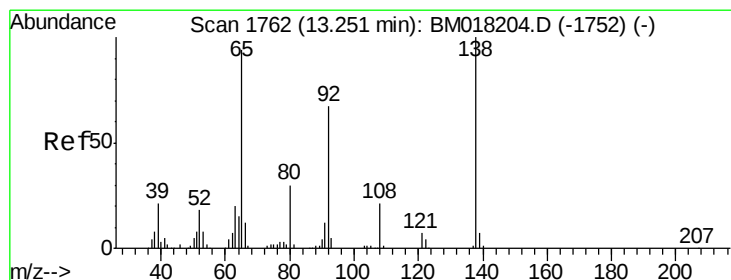
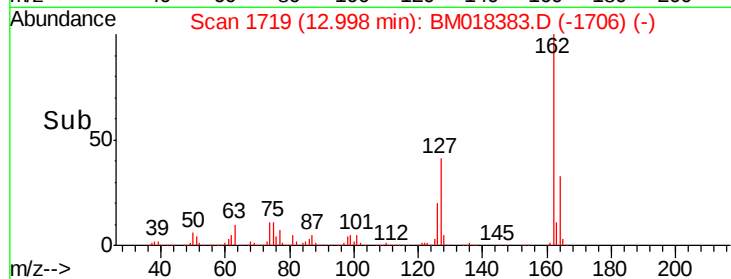
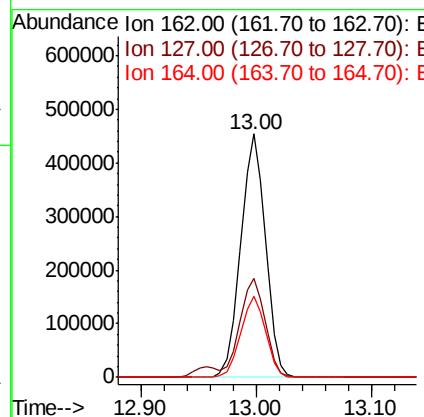
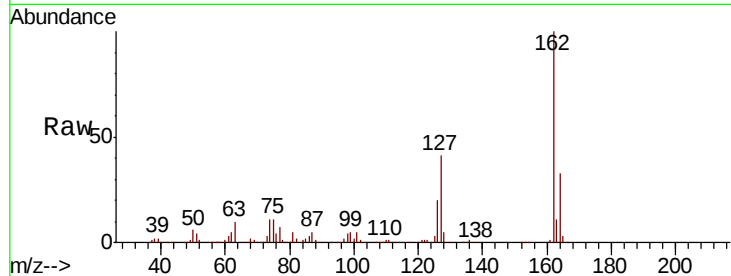
#47
2-Chloronaphthalene
Concen: 47.427 ng
RT: 13.00 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.8	47.8
164	33.4	25.9	38.9

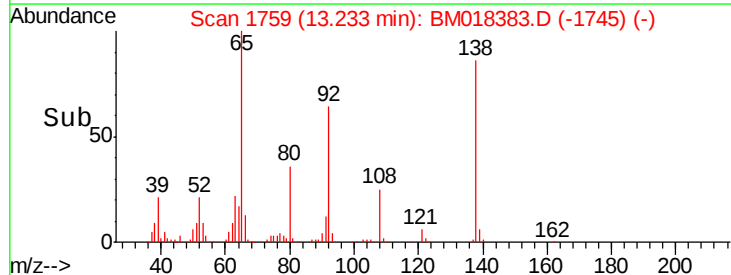
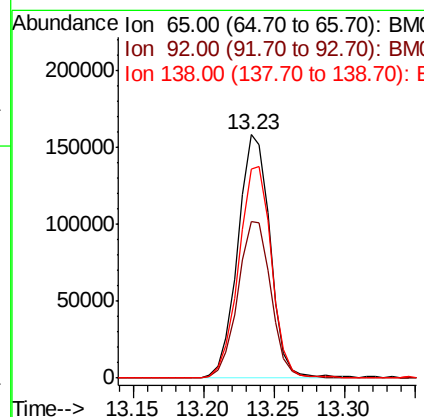
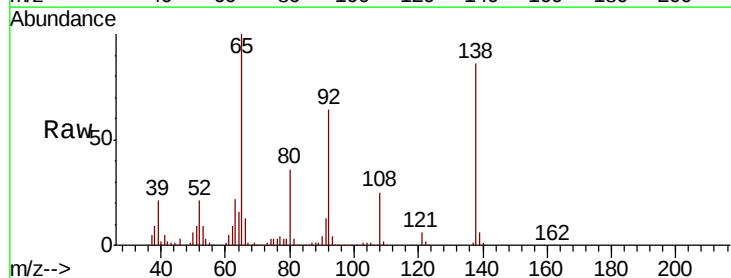
Manual Integrations
APPROVED

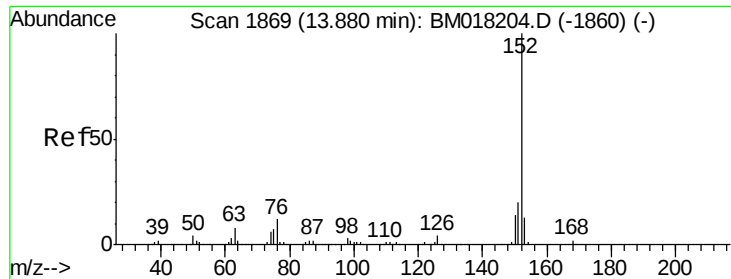
Sohil
12/26/2018 3:20:30 PM



#48
2-Nitroaniline
Concen: 58.053 ng
RT: 13.23 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	56.8	85.2
138	85.9	85.1	127.7





#49

Acenaphthylene

Concen: 50.292 ng

RT: 13.86 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

R20-OSMSD

Tot Ion:152 Resp: 1074718

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

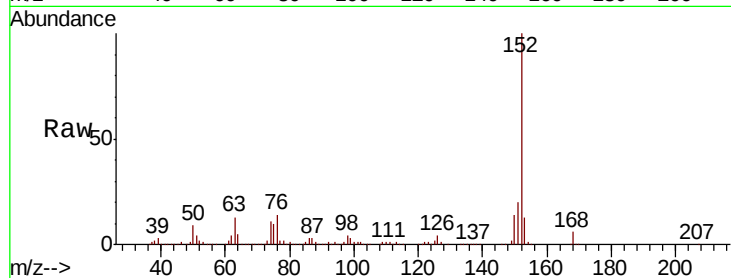
153 13.2 10.2 15.2

Manual Integrations

APPROVED

Sohil

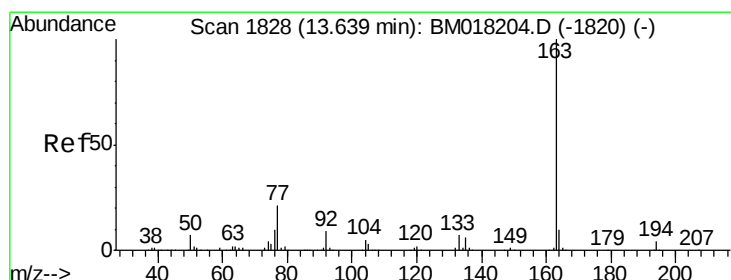
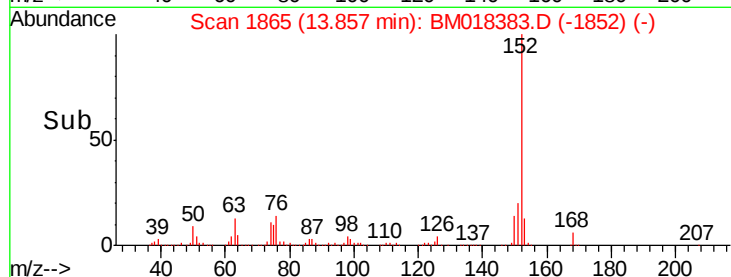
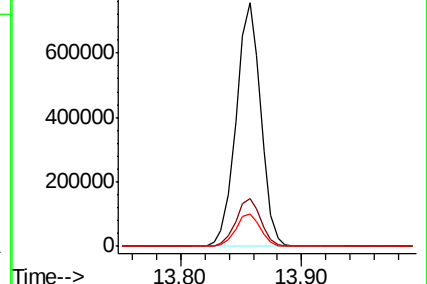
12/26/2018 3:20:30 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.090 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

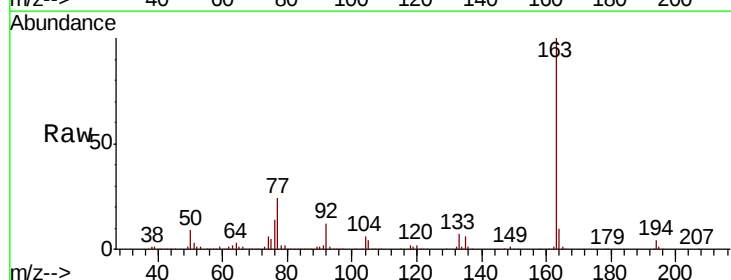
Tgt Ion:163 Resp: 856209

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

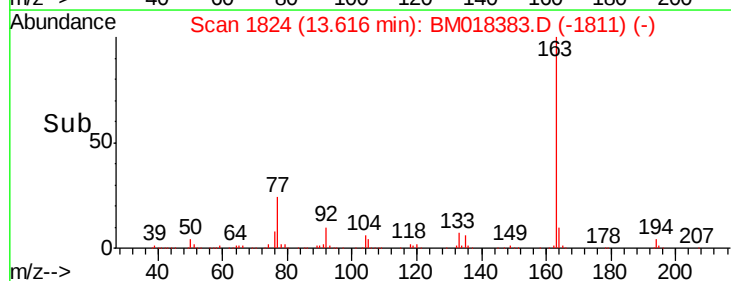
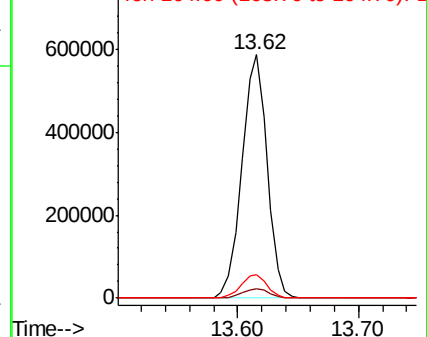
164 9.7 7.9 11.9

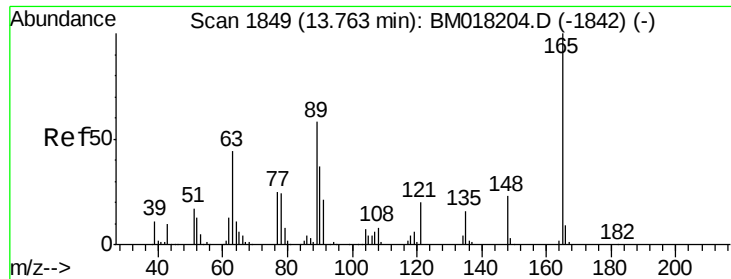


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





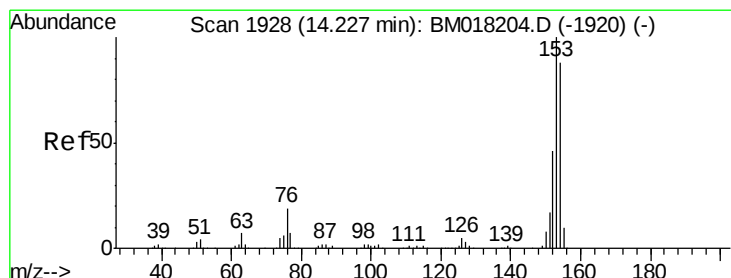
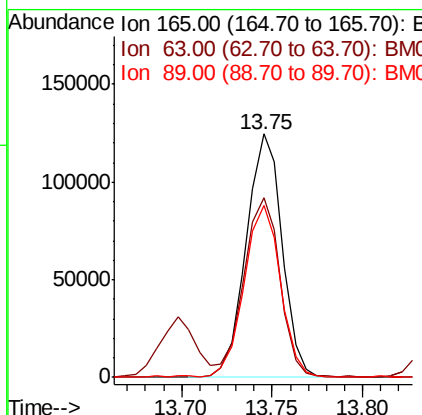
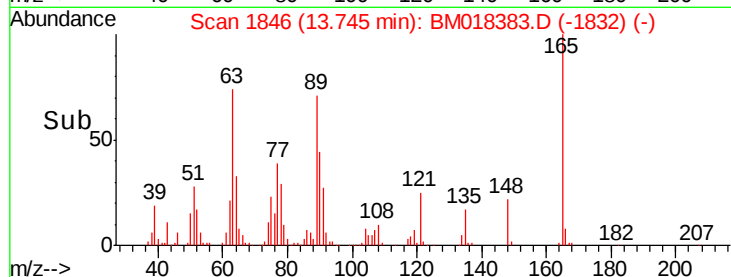
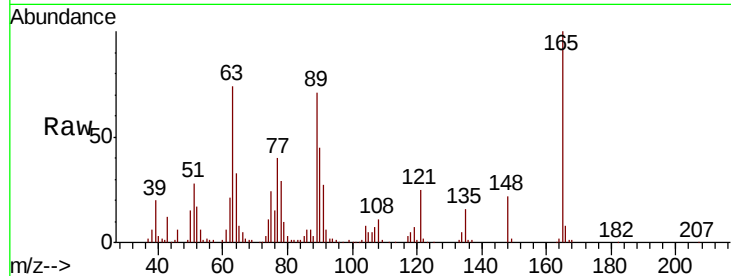
#51
 2,6-Dinitrotoluene
 Concen: 43.724 ng
 RT: 13.75 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	73.7	46.6	69.8#
89	70.7	46.3	69.5#

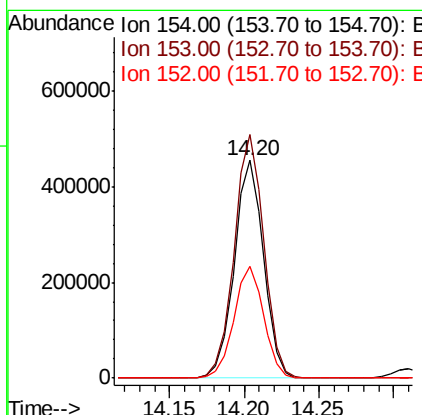
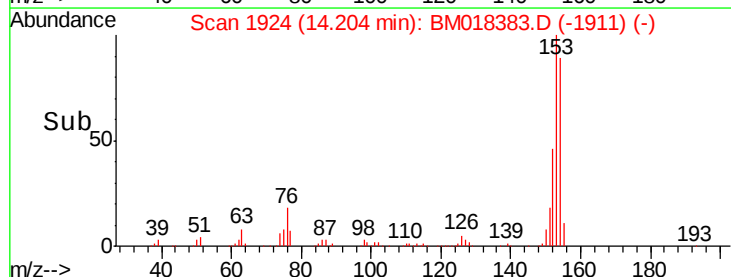
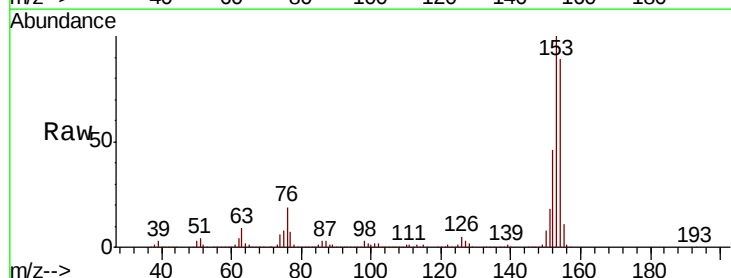
Manual Integrations
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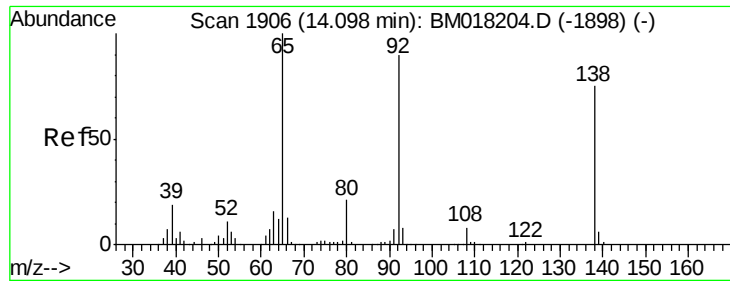
Sohil
 12/26/2018 3:20:30 PM



#52
 Acenaphthene
 Concen: 47.667 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.4	135.6
152	51.5	41.2	61.8





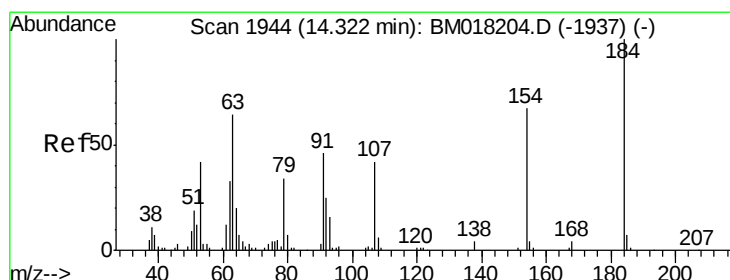
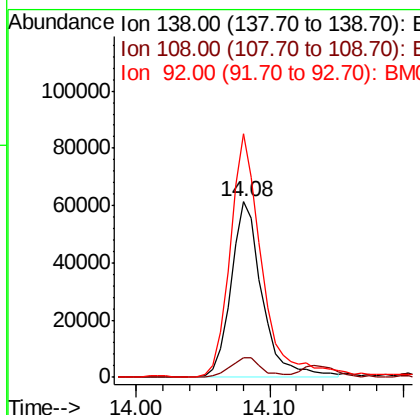
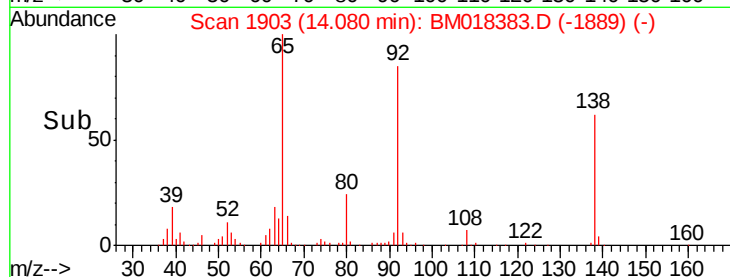
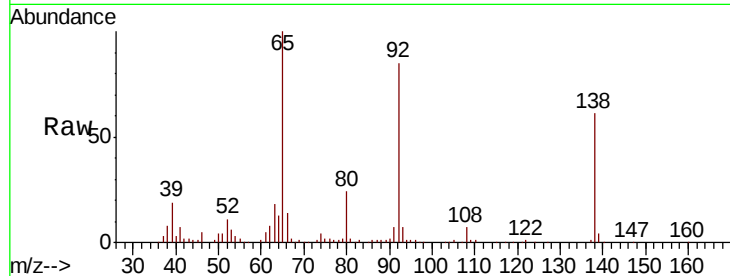
#53
3-Nitroaniline
Concen: 24.314 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.4	12.6
92	138.7	94.9	142.3

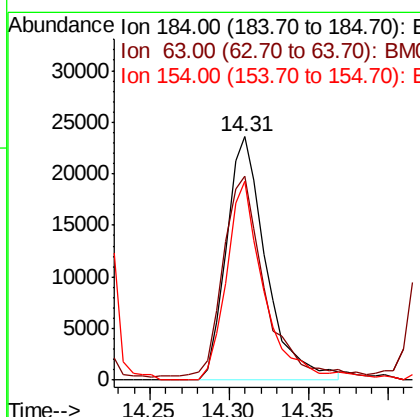
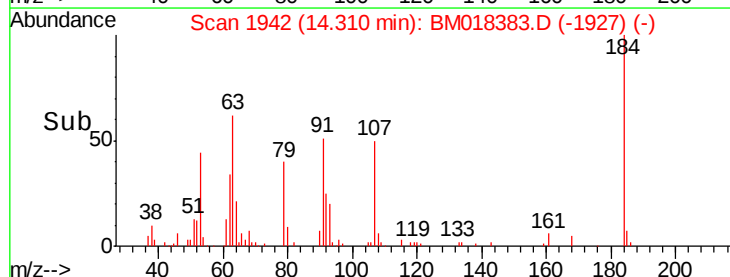
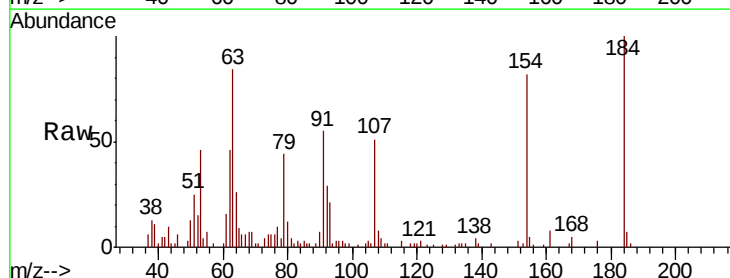
Manual Integrations
APPROVED

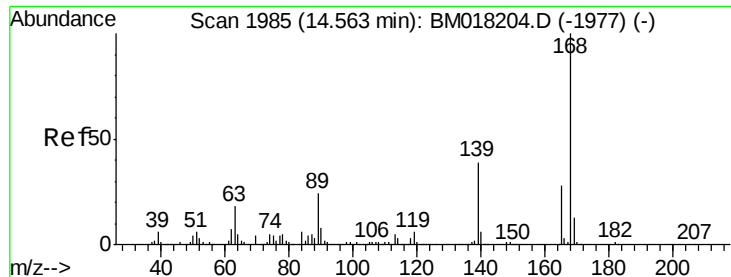
Sohil
12/26/2018 3:20:30 PM



#54
2,4-Dinitrophenol
Concen: 18.956 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	83.6	51.6	77.4#
154	81.7	54.0	81.0#





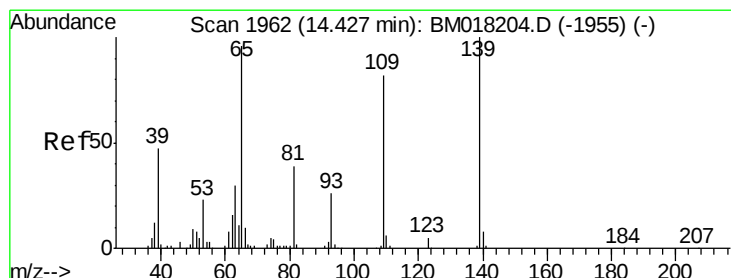
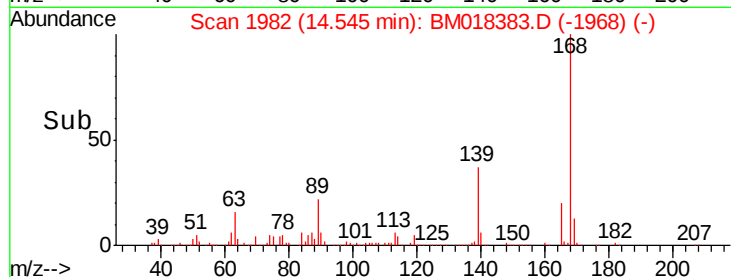
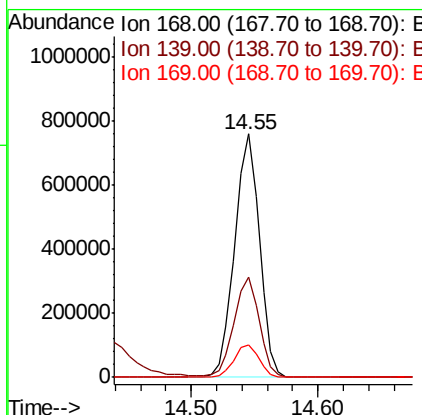
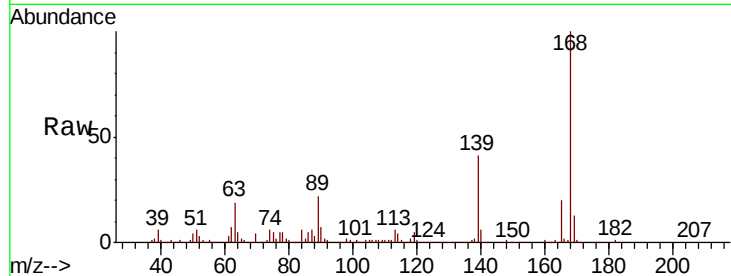
#55
Dibenzofuran
Concen: 48.643 ng
RT: 14.55 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	31.2	46.8
169	13.3	10.4	15.6

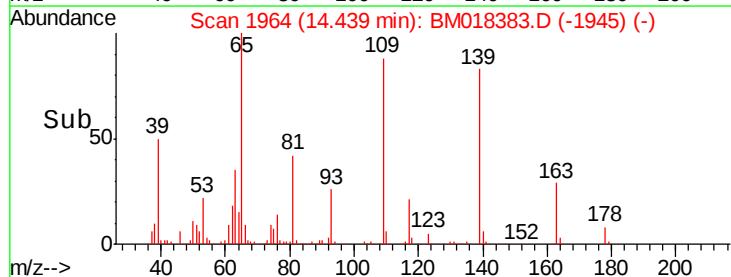
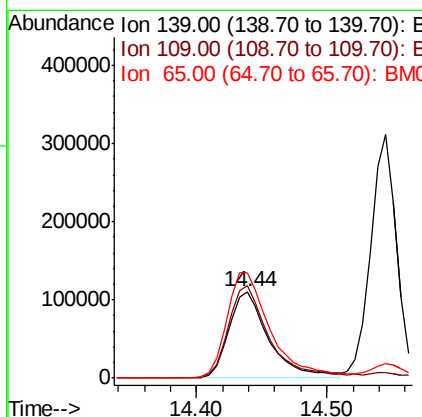
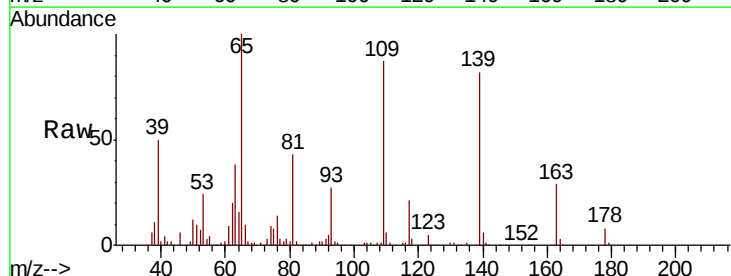
Manual Integrations
APPROVED

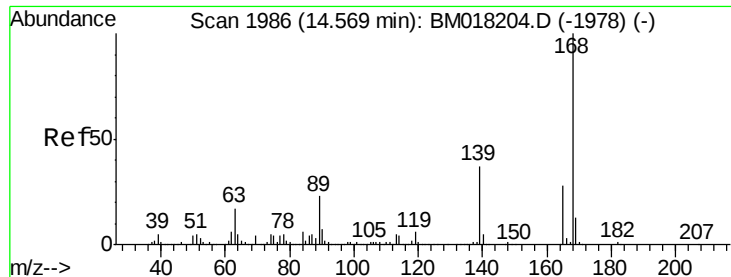
Sohil
12/26/2018 3:20:30 PM



#56
4-Nitrophenol
Concen: 75.916 ng m
RT: 14.44 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.5	62.3	102.3#
65	121.8	76.4	116.4#





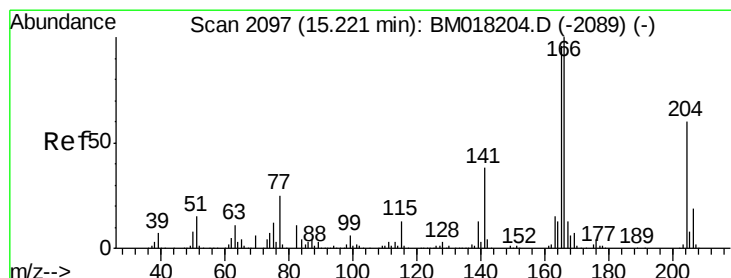
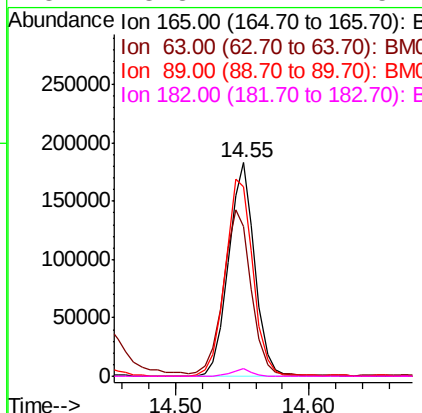
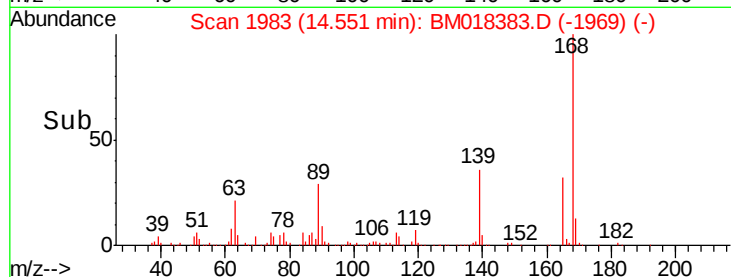
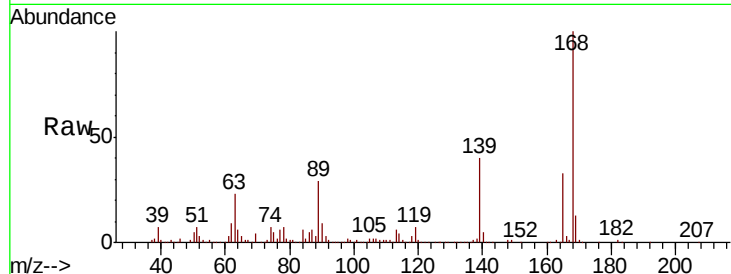
#57
2,4-Dinitrotoluene
Concen: 46.357 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	250792		
63	69.9	47.2	70.8	
89	88.7	65.8	98.8	
182	3.3	2.2	3.4	

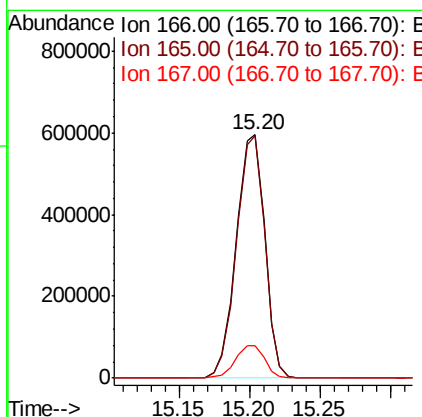
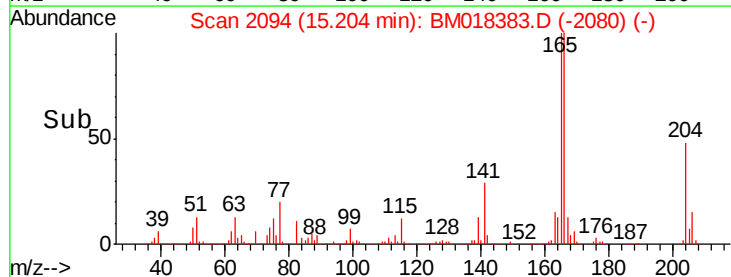
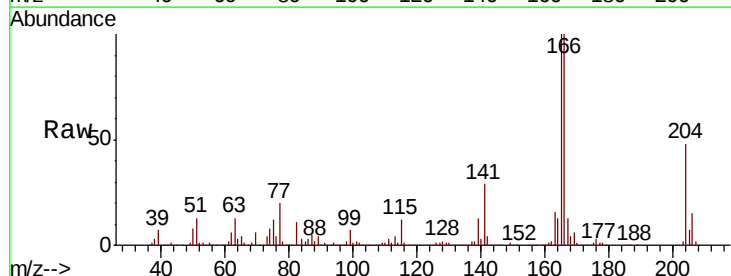
Manual Integrations
APPROVED

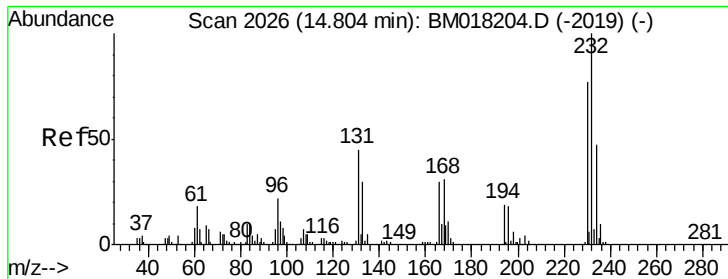
Sohil
12/26/2018 3:20:30 PM



#58
Fluorene
Concen: 52.021 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	843118		
165	99.6	76.9	115.3	
167	13.3	10.5	15.7	





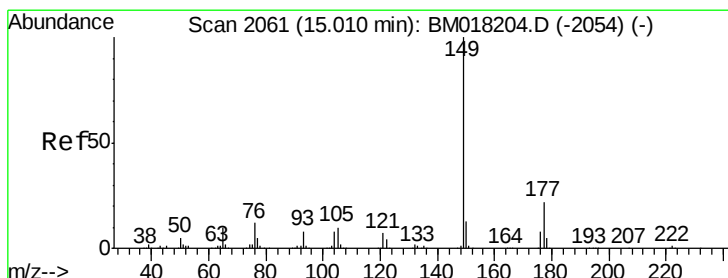
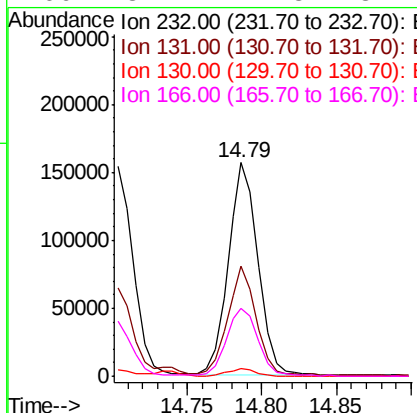
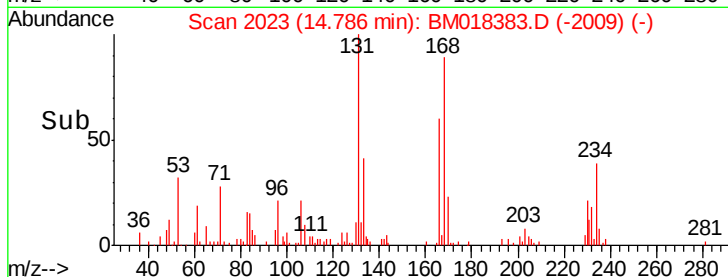
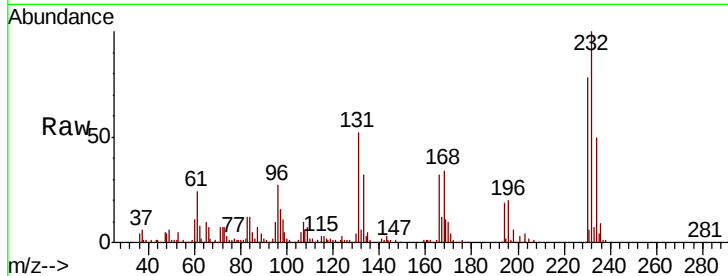
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.320 ng
 RT: 14.79 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 R20-OSMSD

Tot Ion:	232	Resp:	218820
Ion Ratio	Lower	Upper	
232	100		
131	48.7	36.2	54.2
130	3.5	1.8	2.6
166	34.2	24.8	37.2

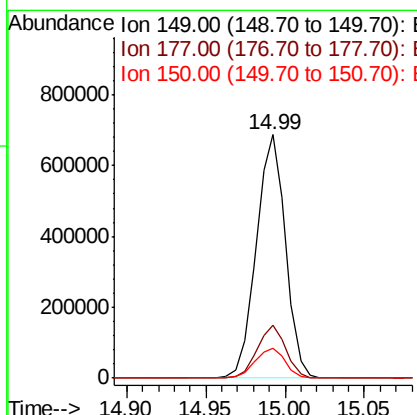
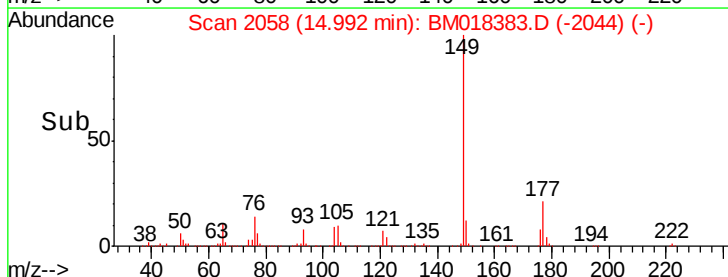
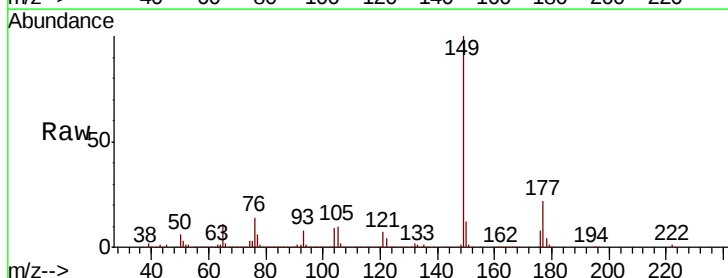
Manual Integrations
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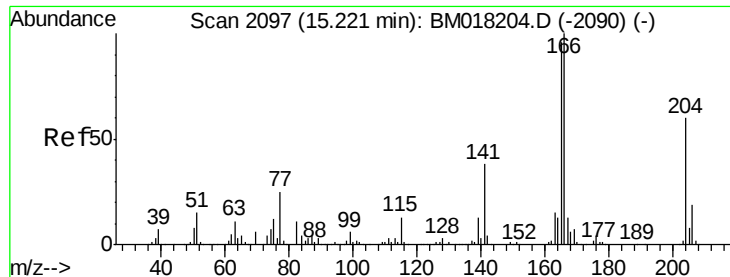
Sohil
 12/26/2018 3:20:30 PM



#60
 Diethylphthalate
 Concen: 45.797 ng
 RT: 14.99 min Scan# 2058
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion:	149	Resp:	879936
Ion Ratio	Lower	Upper	
149	100		
177	21.5	17.8	26.8
150	12.4	10.3	15.5





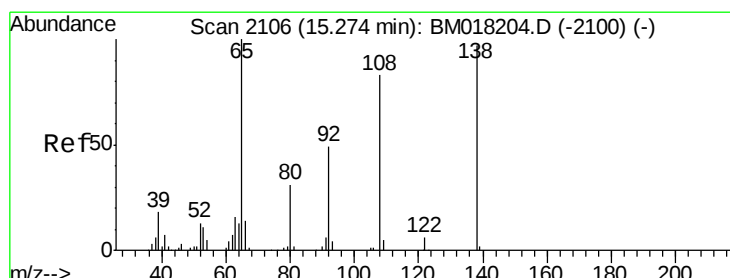
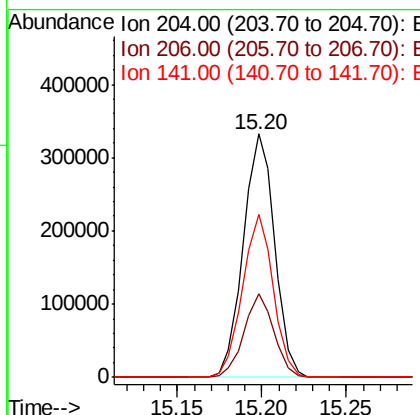
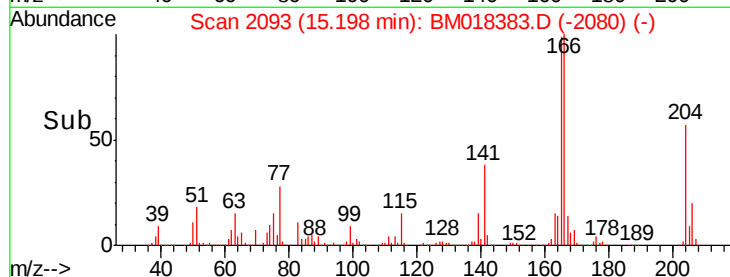
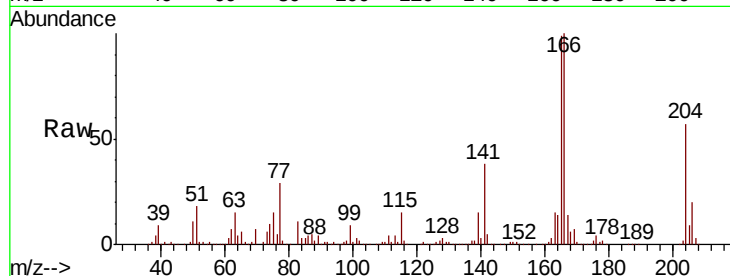
#61
4-Chlorophenyl-phenylether
Concen: 46.998 ng
RT: 15.20 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.8	38.6
141	67.2	50.2	75.4

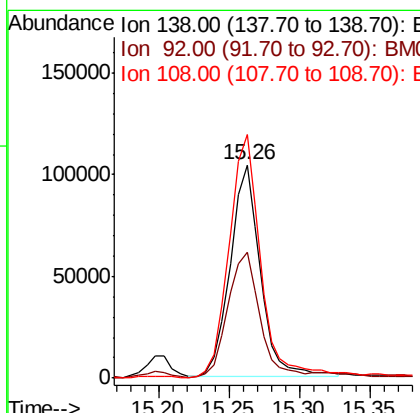
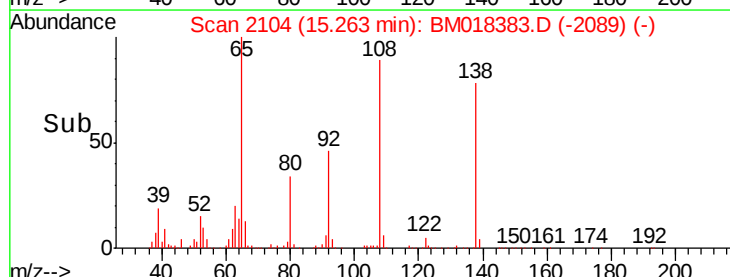
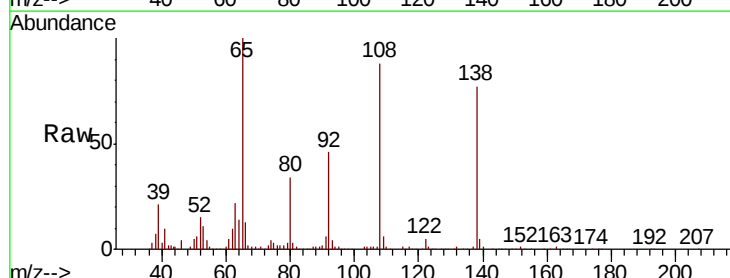
Manual Integrations
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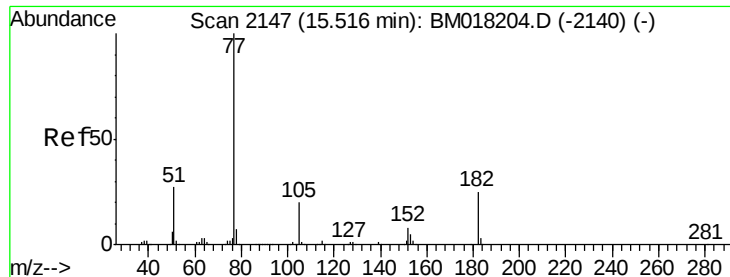
Sohil
12/26/2018 3:20:30 PM



#62
4-Nitroaniline
Concen: 39.976 ng
RT: 15.26 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.3	31.1	71.1
108	114.2	65.0	105.0





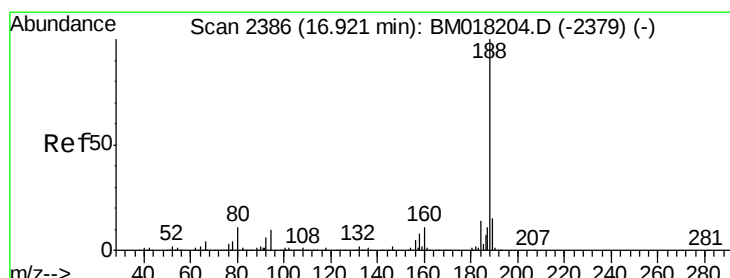
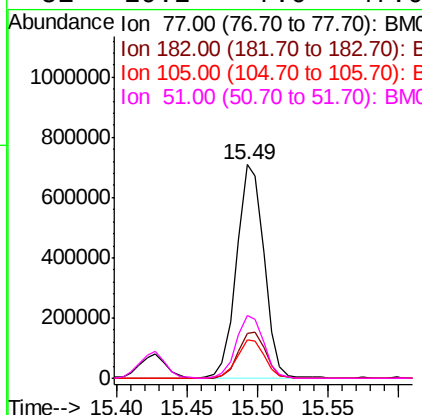
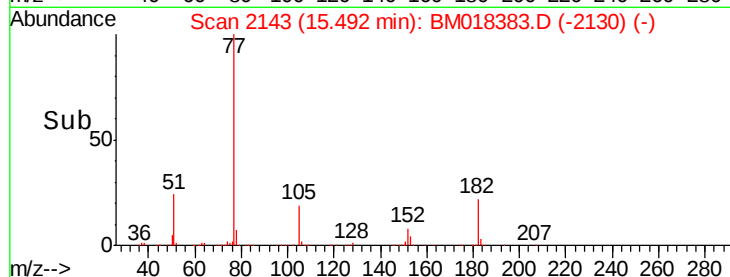
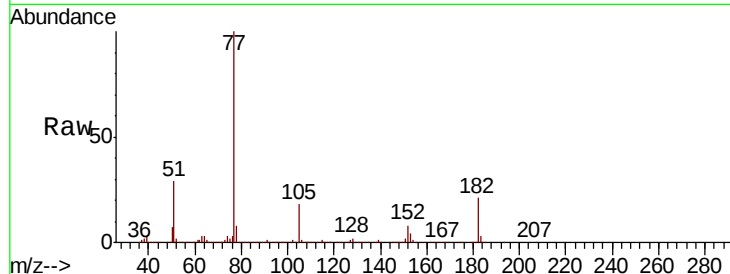
#63
Azobenzene
Concen: 54.253 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		950491		
182	20.8	4.6	44.6		
105	17.9	0.2	40.2		
51	29.2	7.0	47.0		

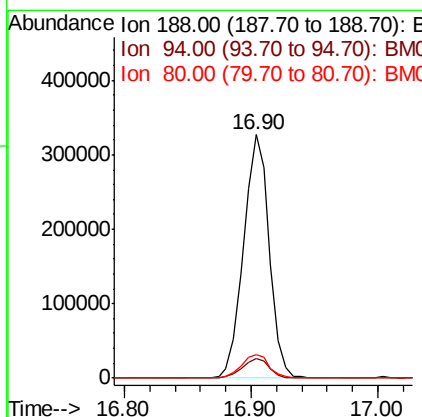
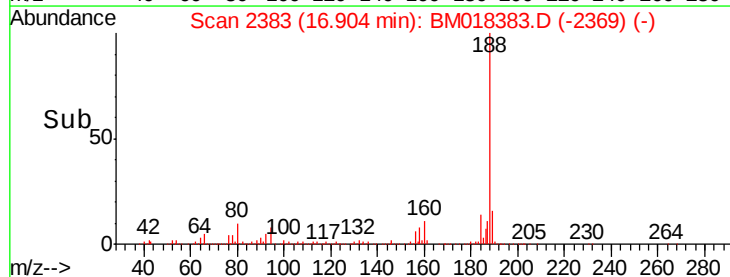
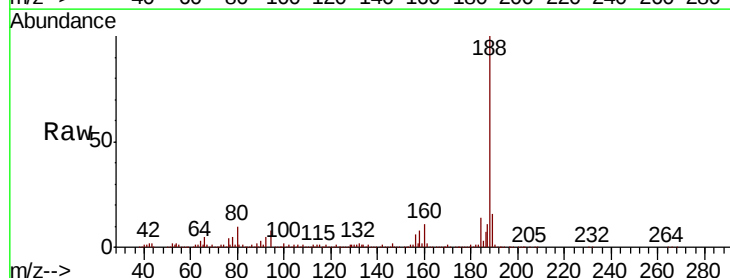
Manual Integrations
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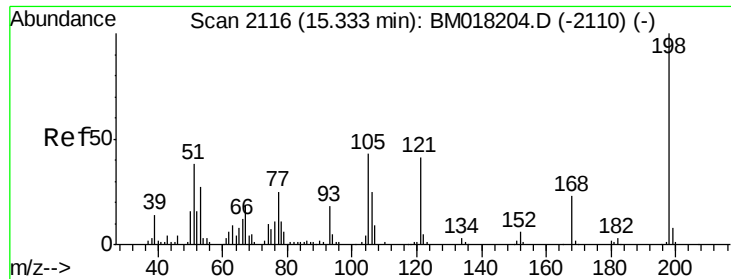
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		457109		
94	8.2	8.0	12.0		
80	9.9	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 10.398 ng

RT: 15.32 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

R20-OSMSD

Tot Ion:198 Resp: 34989

Ion Ratio Lower Upper

198 100

51 47.1 18.6 58.6

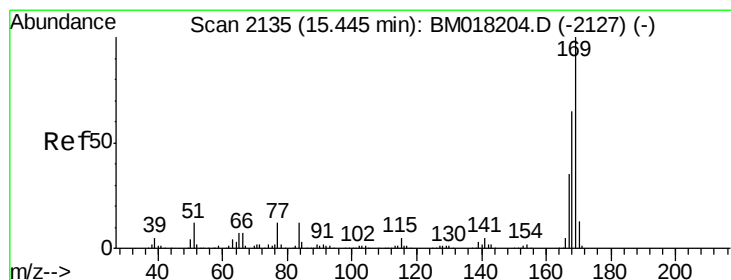
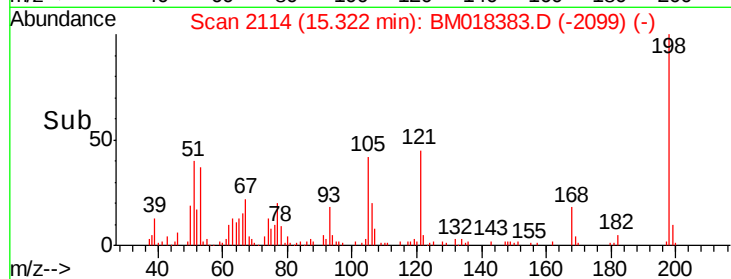
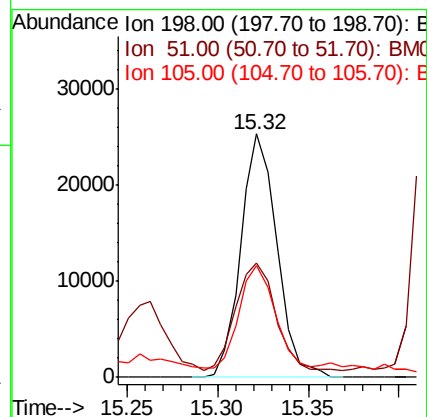
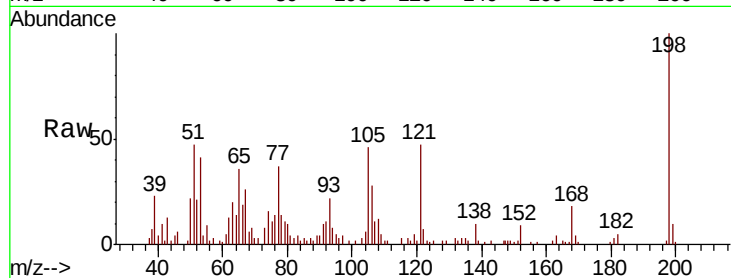
105 45.8 22.9 62.9

Manual Integrations

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#66

n-Nitrosodiphenylamine

Concen: 47.238 ng

RT: 15.43 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

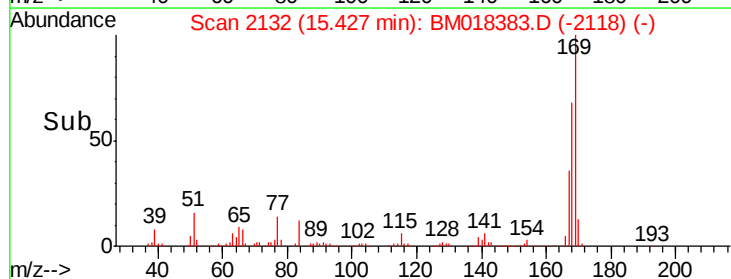
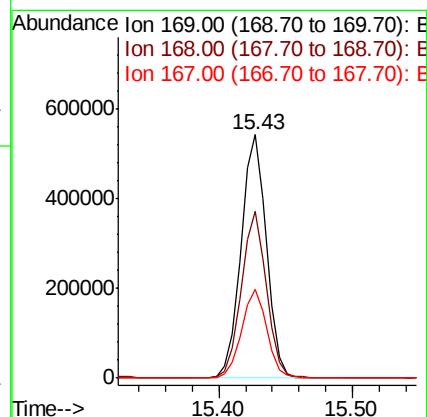
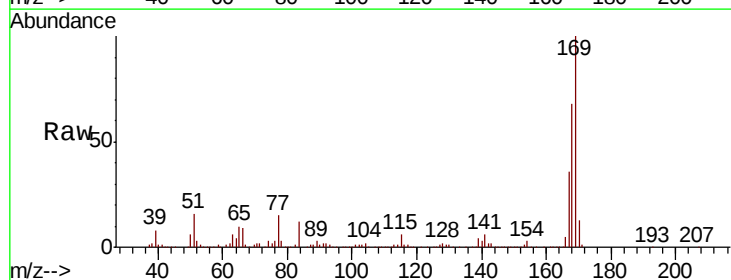
Tgt Ion:169 Resp: 714031

Ion Ratio Lower Upper

169 100

168 68.3 52.2 78.4

167 36.5 27.6 41.4





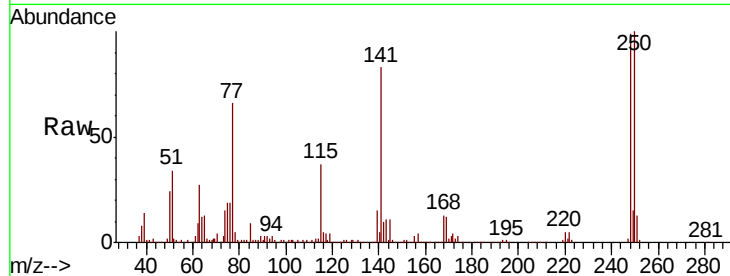
#67
4-Bromophenyl-phenylether
Concen: 46.938 ng
RT: 16.10 min Scan# 2246
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampled :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	78.7	118.1
141	83.3	62.2	93.4

Manual Integrations
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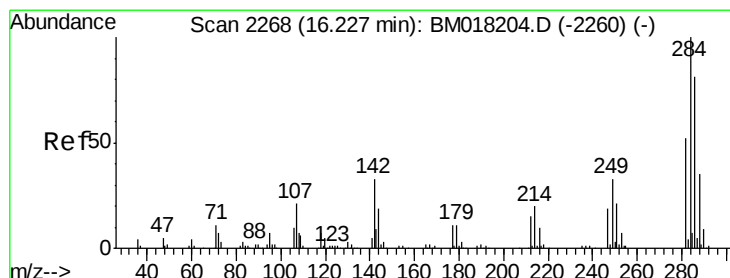
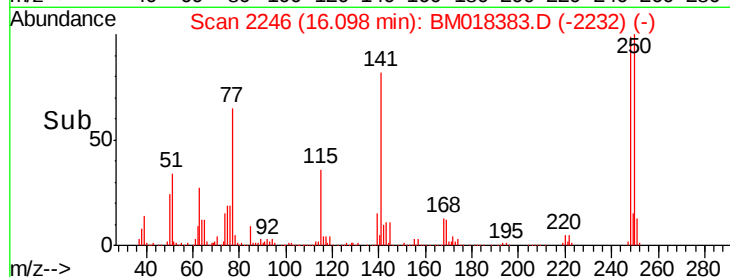
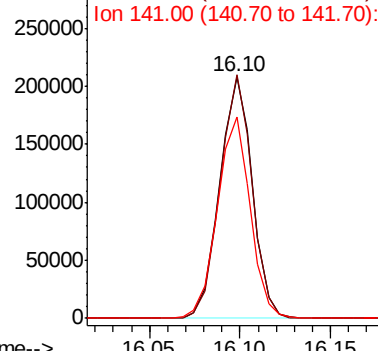


Abundance

Ion 248.00 (247.70 to 248.70): E

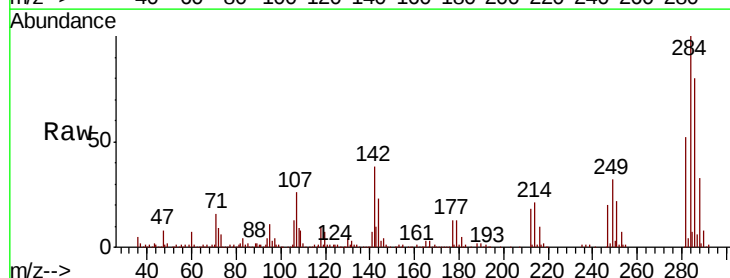
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.025 ng
RT: 16.20 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	26.2	39.4
249	32.4	26.2	39.2

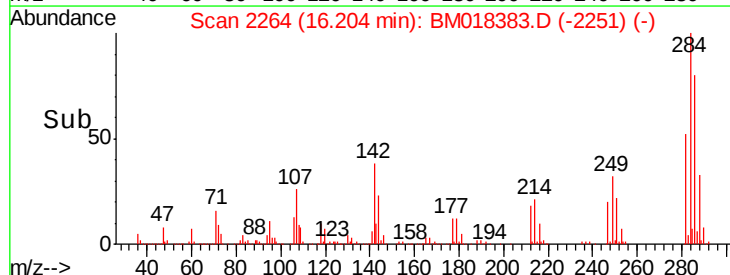
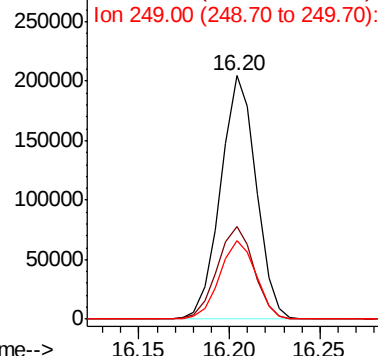


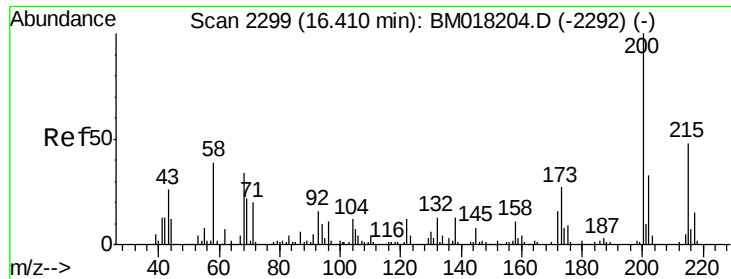
Abundance

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





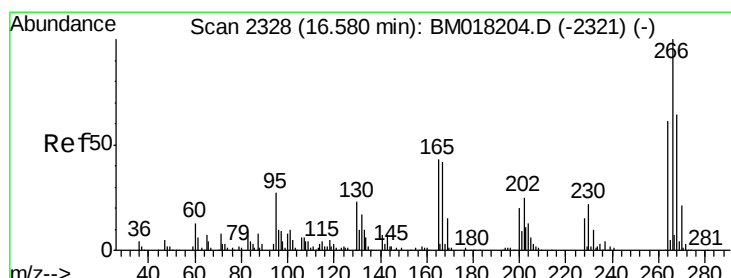
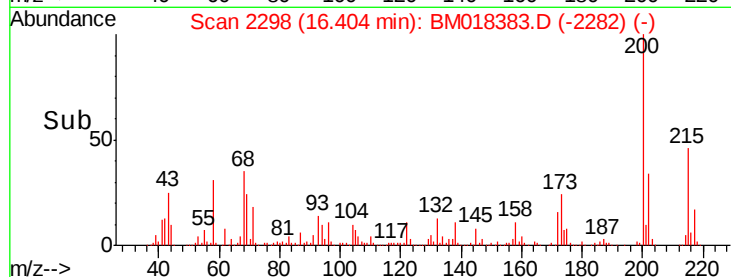
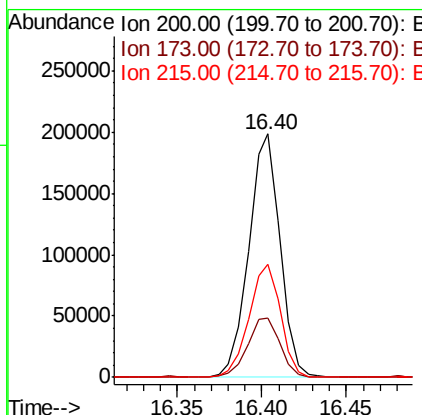
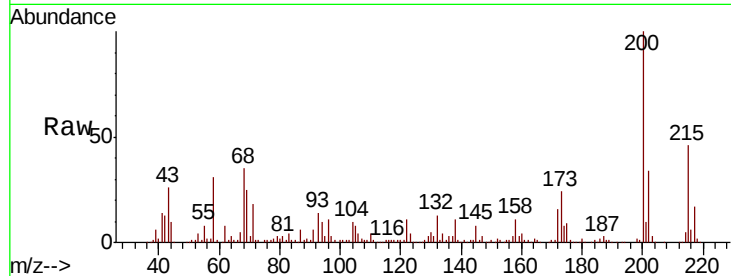
#69
Atrazine
Concen: 50.141 ng
RT: 16.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.3	6.9	46.9
215	46.3	27.9	67.9

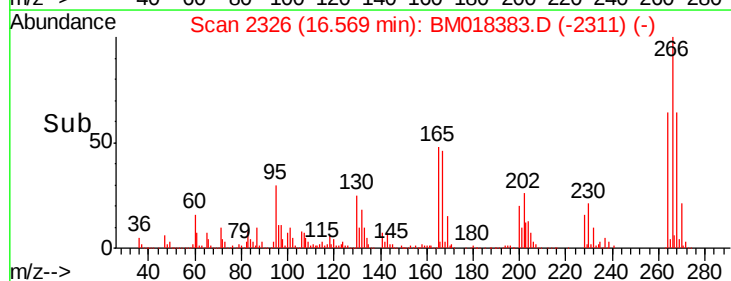
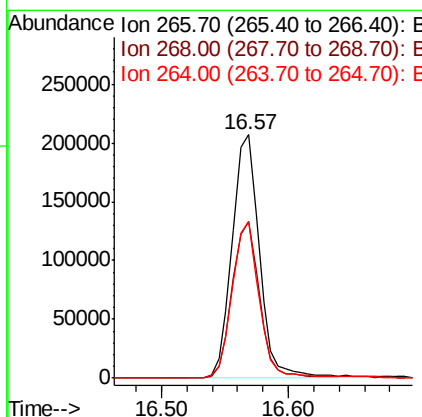
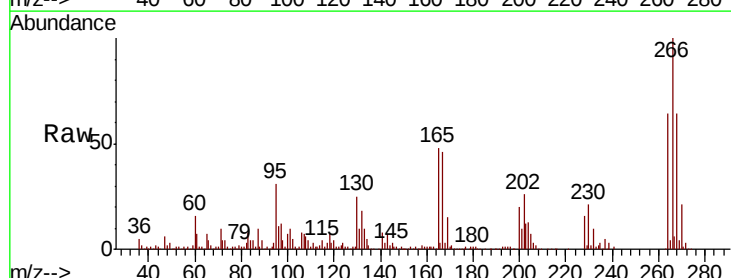
Manual Integrations
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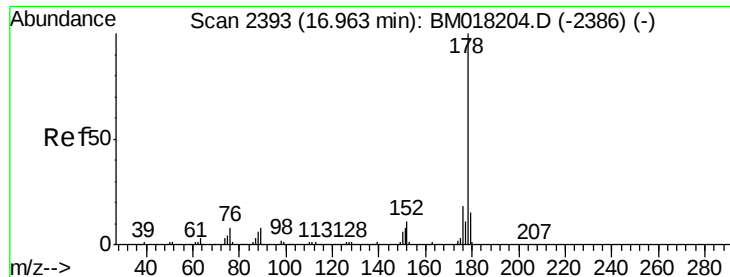
Sohil
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#70
Pentachlorophenol
Concen: 77.053 ng
RT: 16.57 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	51.1	76.7
264	64.4	49.0	73.4





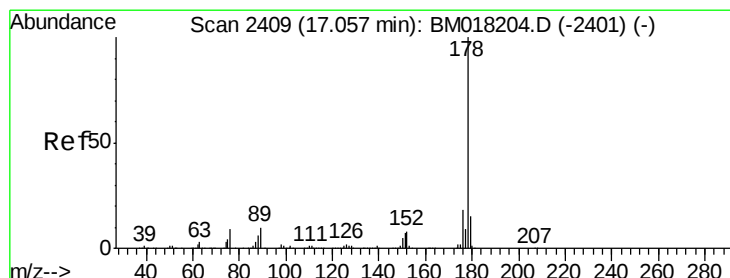
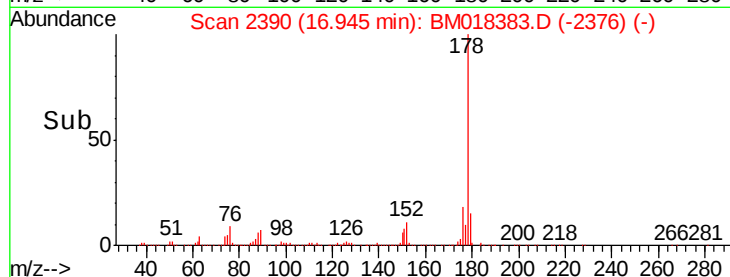
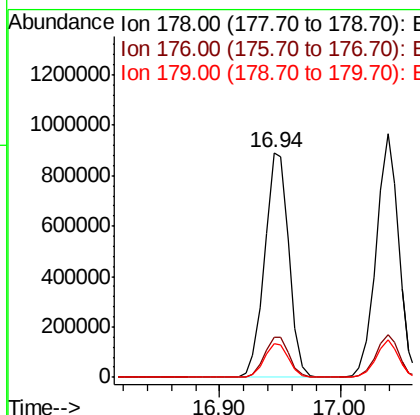
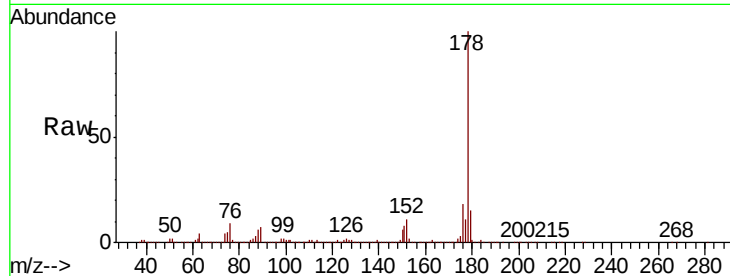
#71
Phenanthrene
Concen: 50.103 ng
RT: 16.94 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.1	12.0	18.0

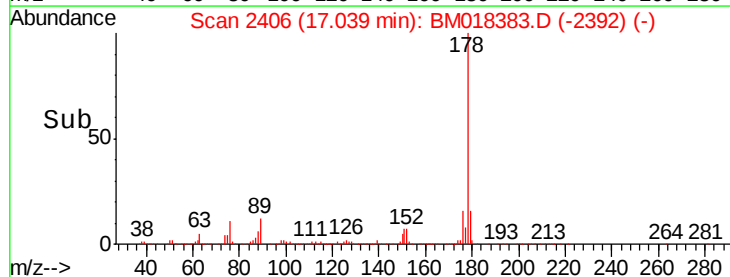
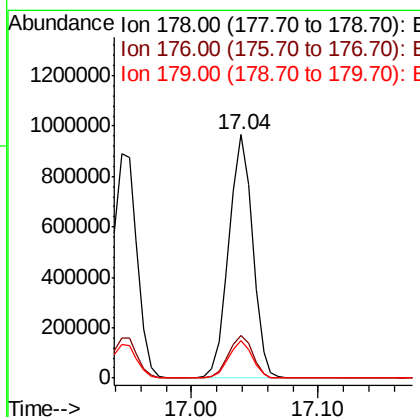
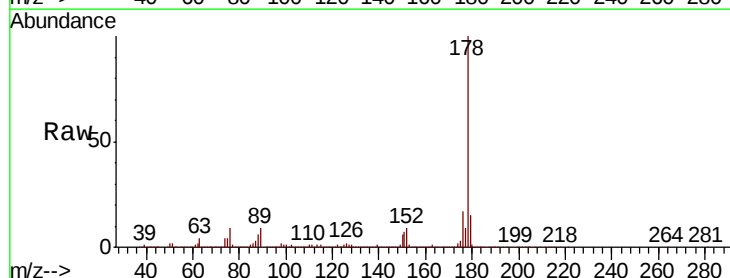
Manual Integrations
APPROVED

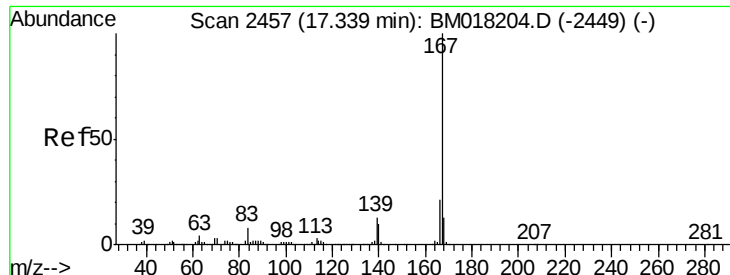
Sohil
12/26/2018 3:20:30 PM



#72
Anthracene
Concen: 50.744 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.3	21.5
179	15.3	12.0	18.0





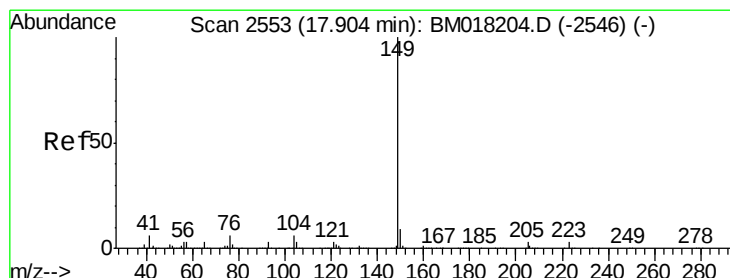
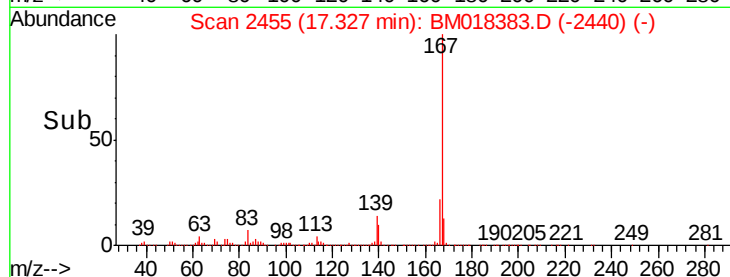
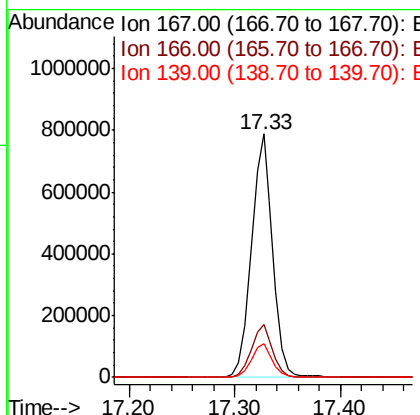
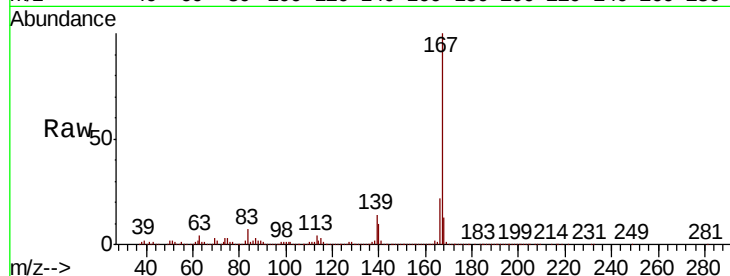
#73
 Carbazole
 Concen: 43.273 ng
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 R20-OSMSD

Tot Ion:167 Resp: 1094054
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.8 25.2
 139 13.6 10.3 15.5

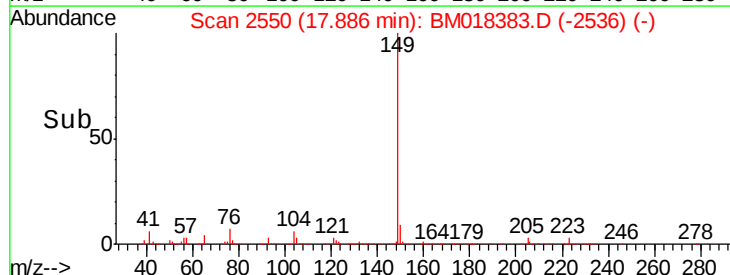
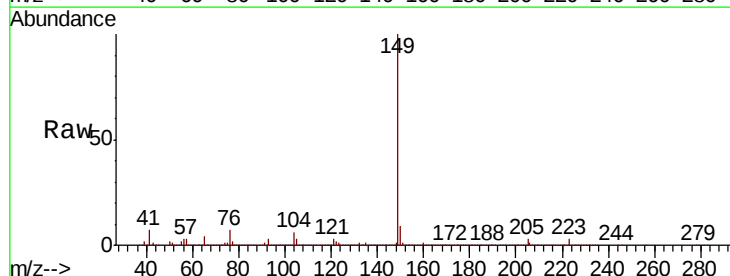
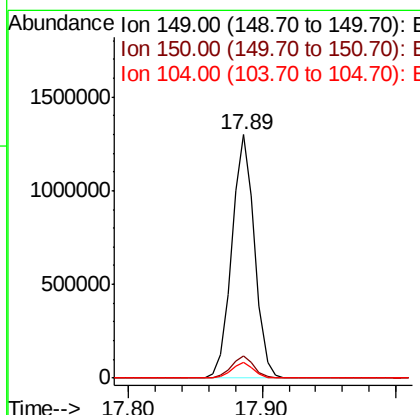
Manual Integrations
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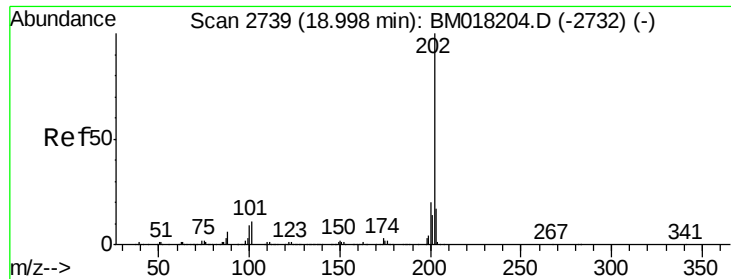
Sohil
 12/26/2018 3:20:30 PM



#74
 Di-n-butylphthalate
 Concen: 49.224 ng
 RT: 17.89 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion:149 Resp: 1535561
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 6.5 4.8 7.2





#75

Fluoranthene

Concen: 45.817 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

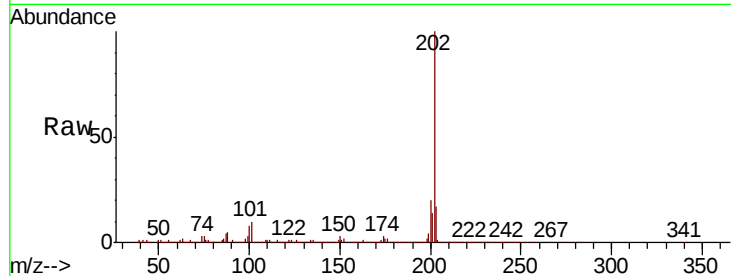
ClientSampleId :

R20-OSMSD

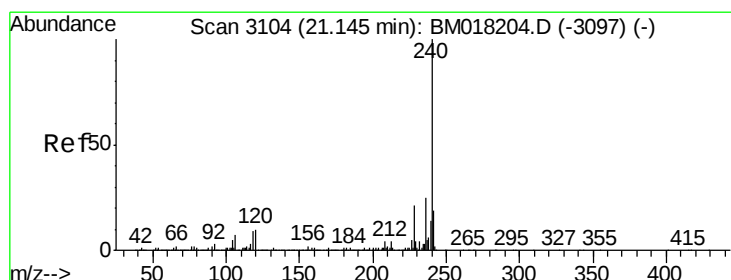
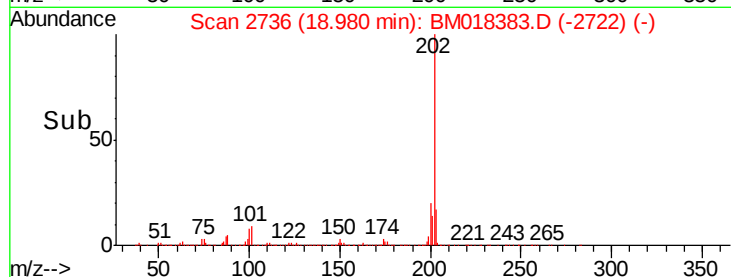
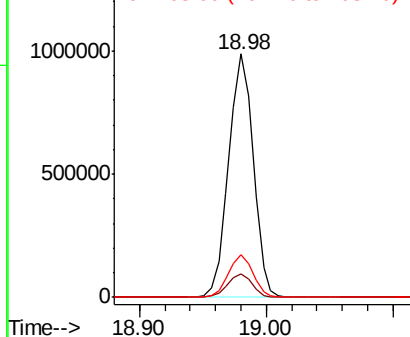
Tot Ion:	202	Resp:	1322633
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.5
203	17.3	0.0	37.5

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

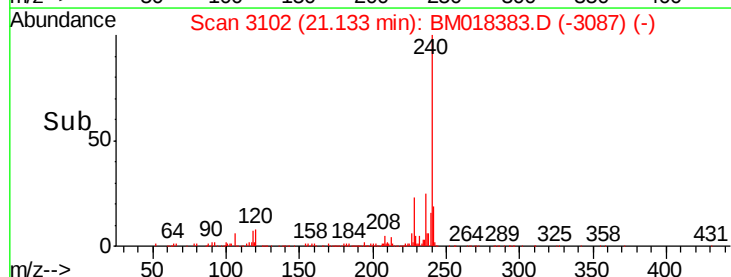
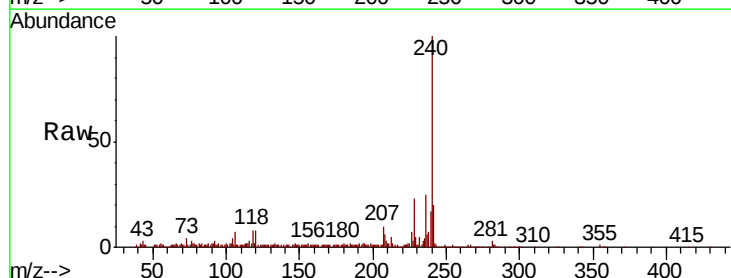
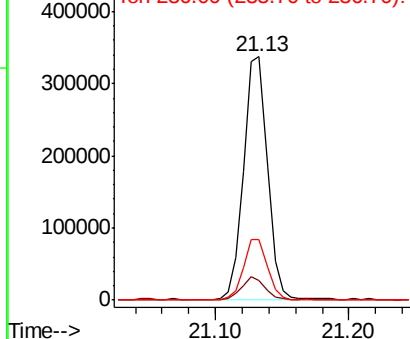
Delta R.T. -0.01 min

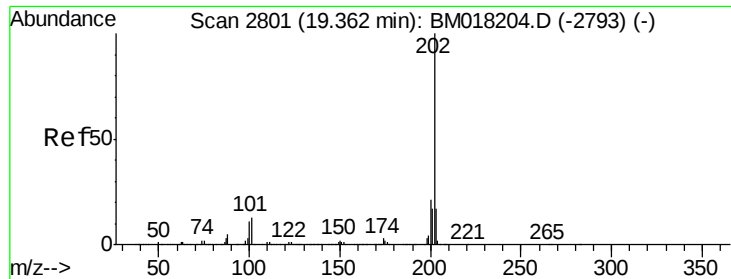
Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion:	240	Resp:	412835
Ion Ratio	Lower	Upper	
240	100		
120	8.0	8.2	12.2#
236	24.7	20.3	30.5

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





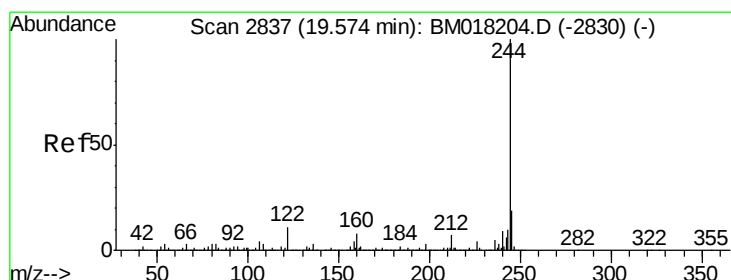
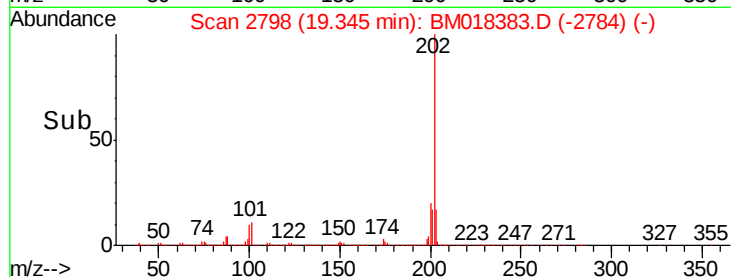
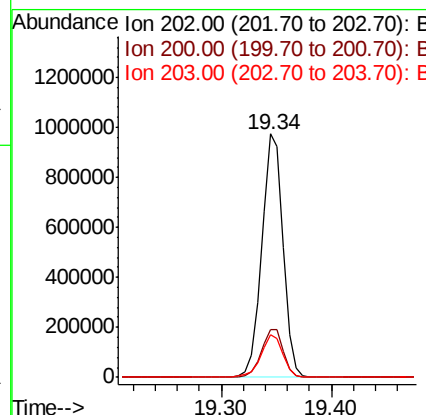
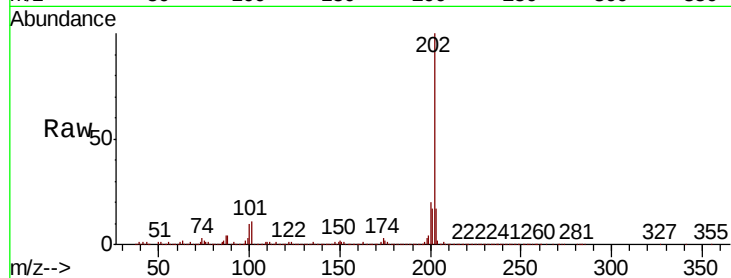
#78
Pvrene
Concen: 53.232 ng
RT: 19.34 min Scan# 2798
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.5	24.7
203	17.4	14.0	21.0

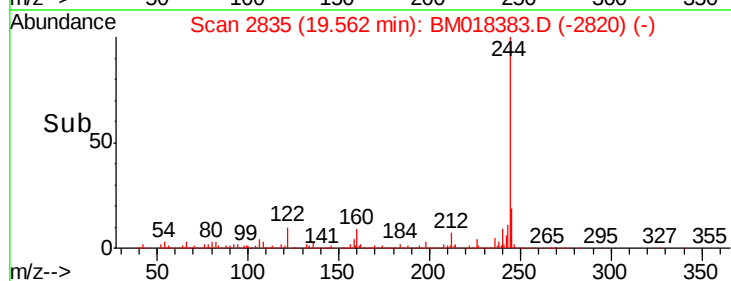
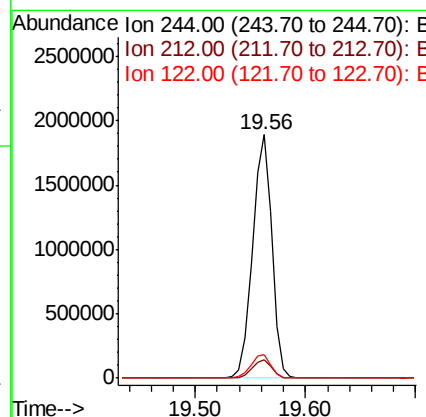
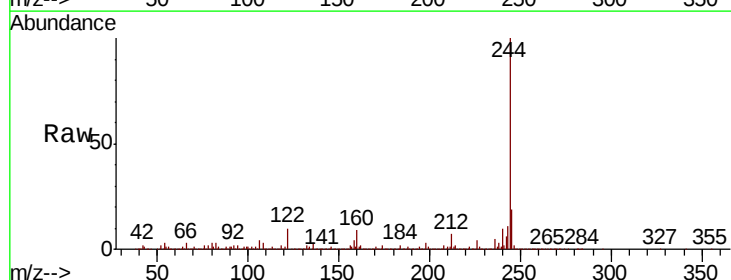
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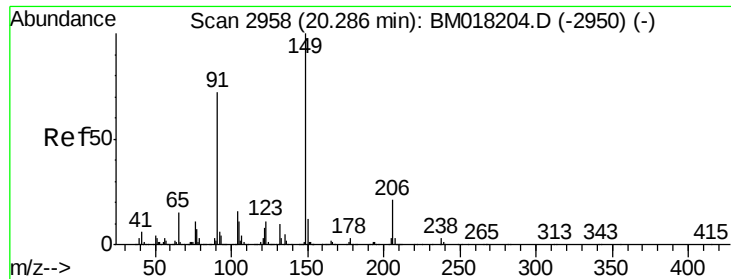
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#79
Terphenyl-d14
Concen: 127.061 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.7	9.0	13.6





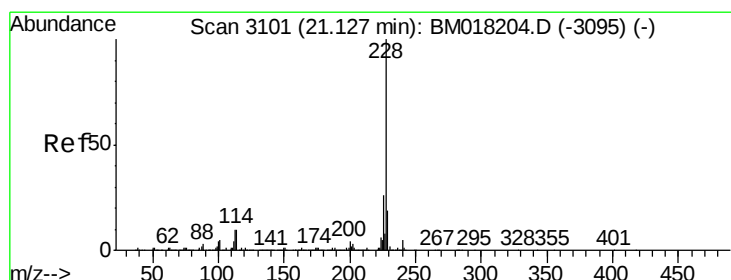
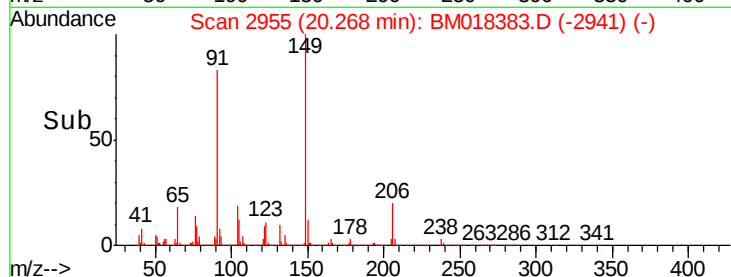
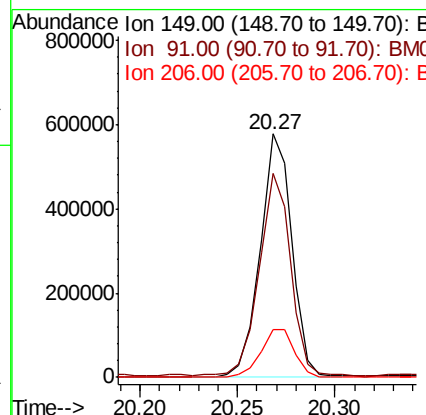
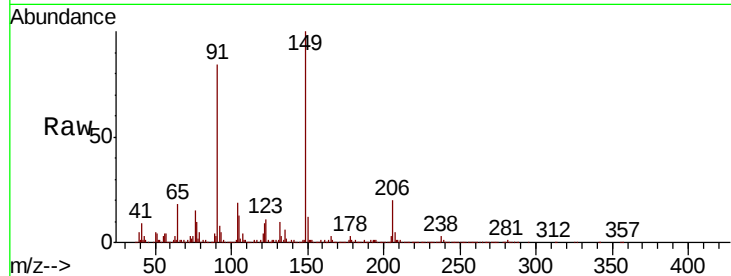
#80
Butylbenzylphthalate
Concen: 54.693 ng
RT: 20.27 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	640036		
91	84.0	57.4	86.2	
206	19.6	17.0	25.4	

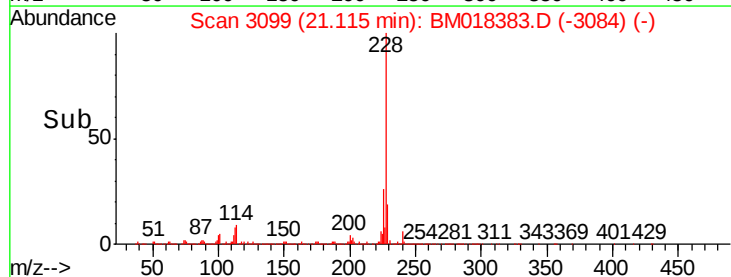
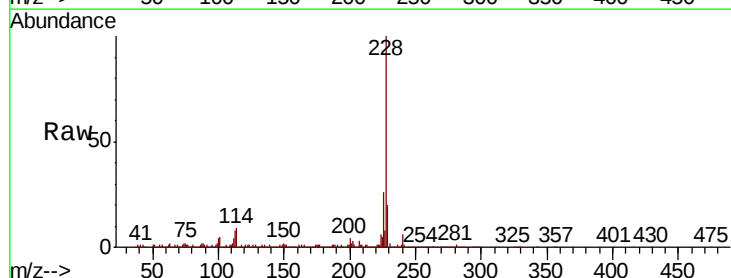
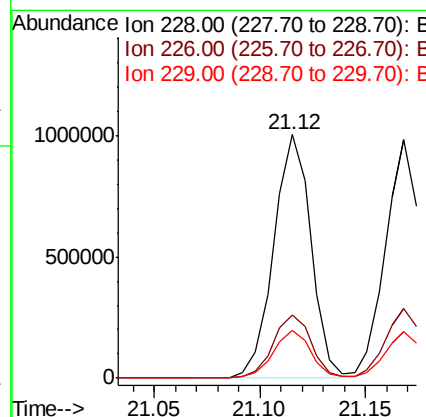
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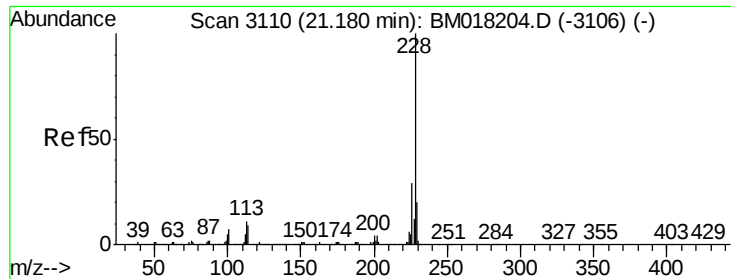
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#81
Benzo(a)anthracene
Concen: 51.078 ng
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1231789		
226	26.2	21.0	31.4	
229	19.5	15.5	23.3	





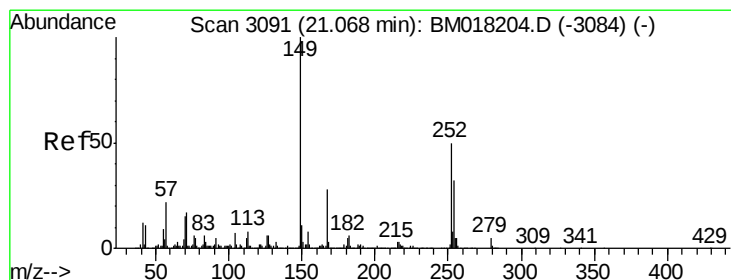
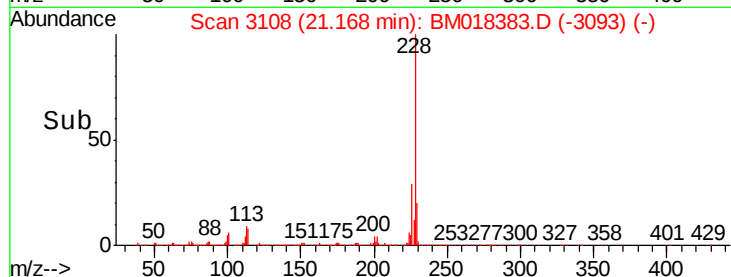
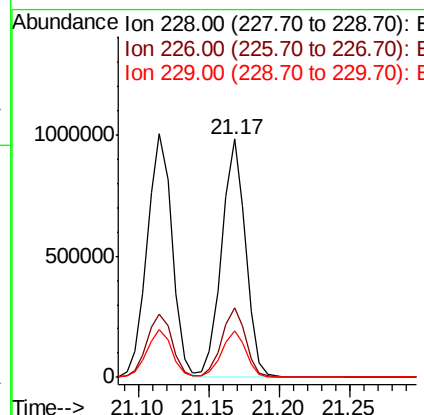
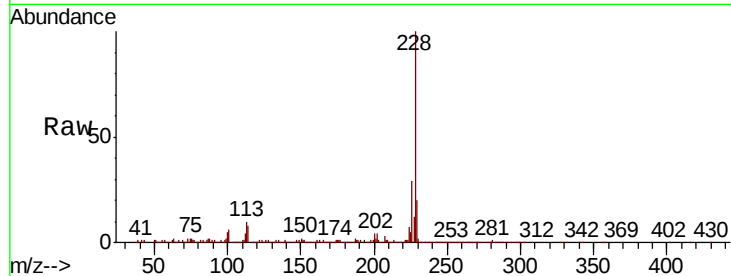
#83
 Chrysene
 Concen: 49.670 ng
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.7	15.8	23.6

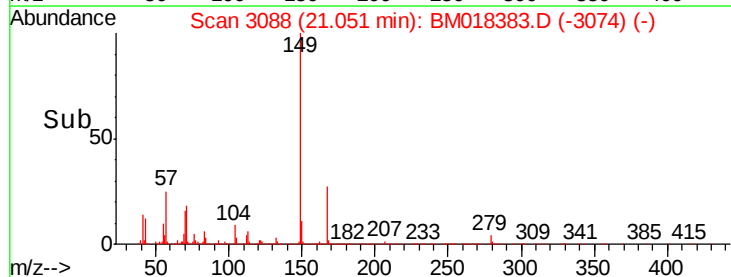
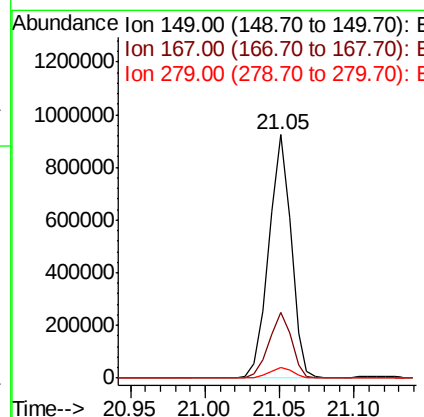
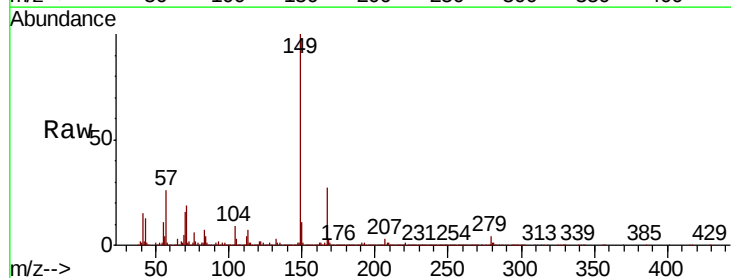
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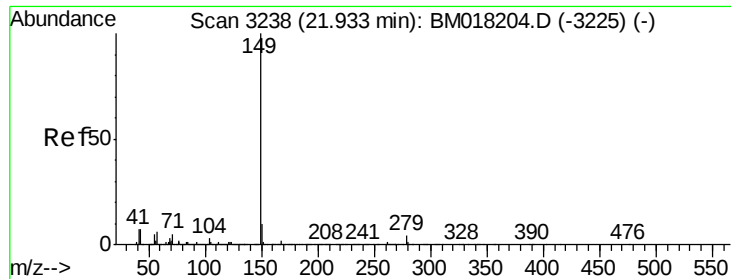
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.990 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.02 min
 Lab File: BM018383.D
 Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.7	34.1
279	4.1	3.9	5.9





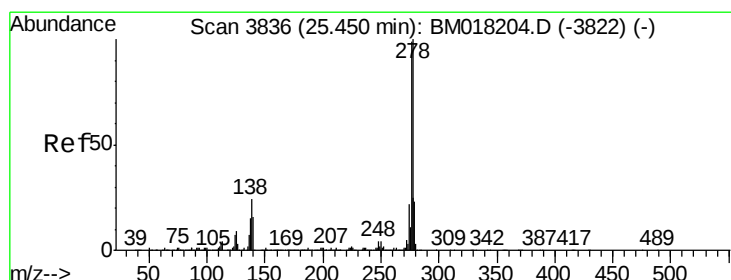
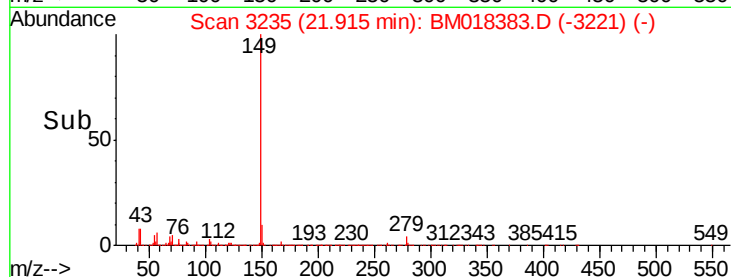
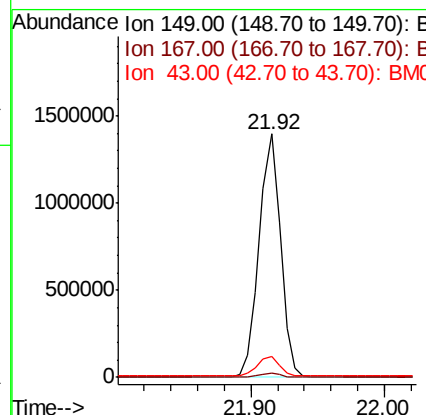
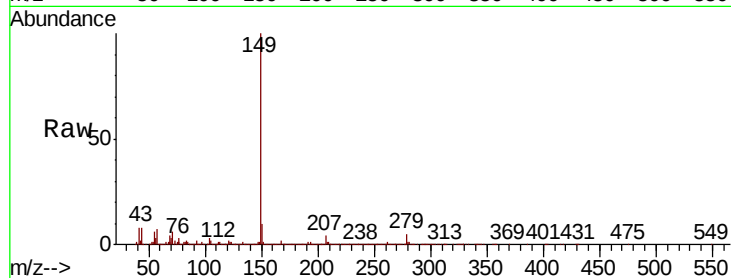
#85
Di-n-octyl phthalate
Concen: 53.350 ng
RT: 21.92 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.4	6.2	9.4

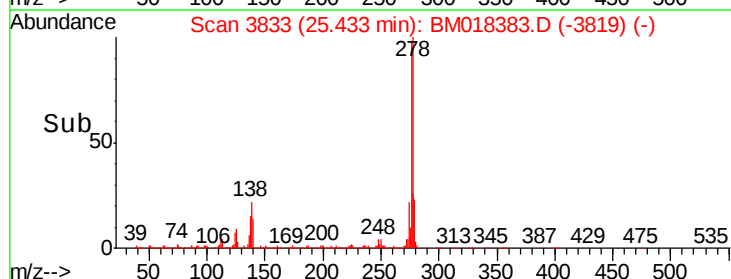
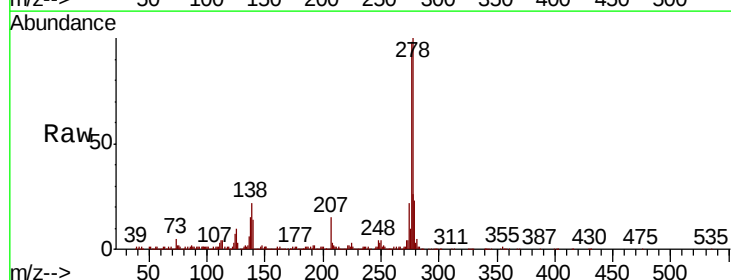
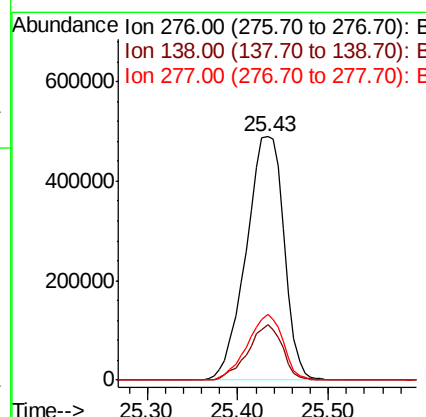
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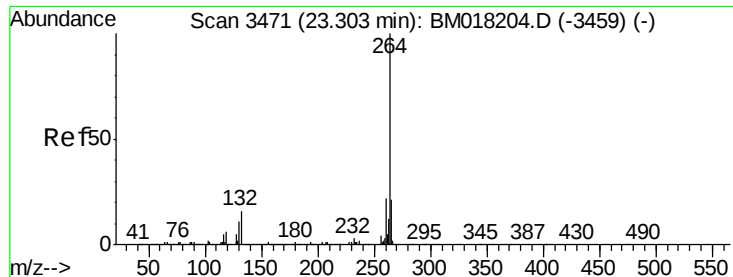
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 61.432 ng
RT: 25.43 min Scan# 3833
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	18.6	28.0
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Instrument :

BNA_M

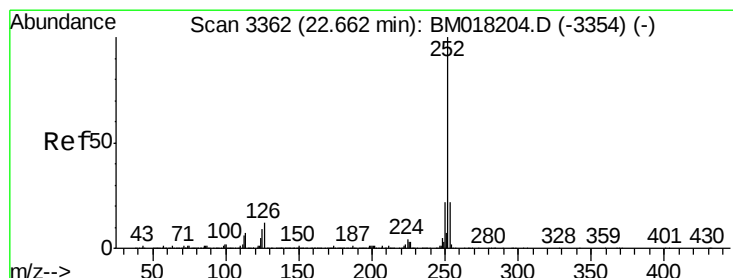
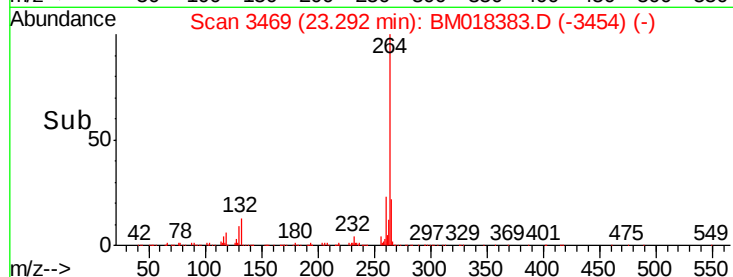
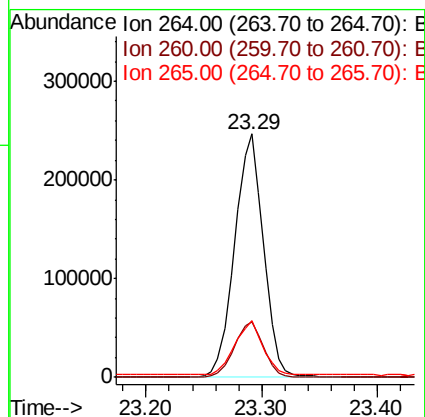
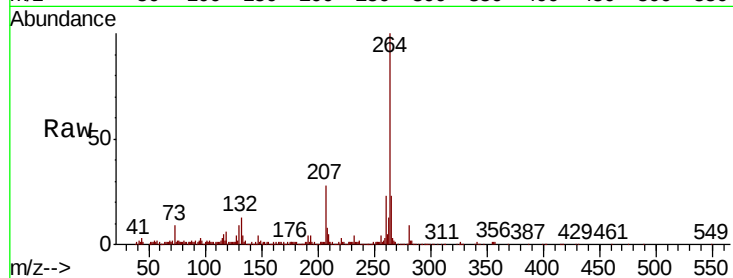
ClientSampleId :

R20-OSMSD

Tot Ion:	264	Resp:	424159
Ion Ratio	Lower	Upper	
264	100		
260	23.0	17.5	26.3
265	23.4	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 51.527 ng

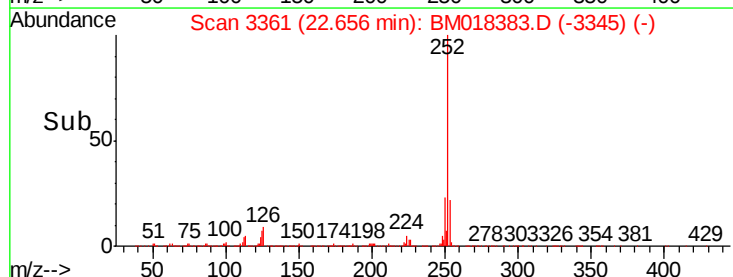
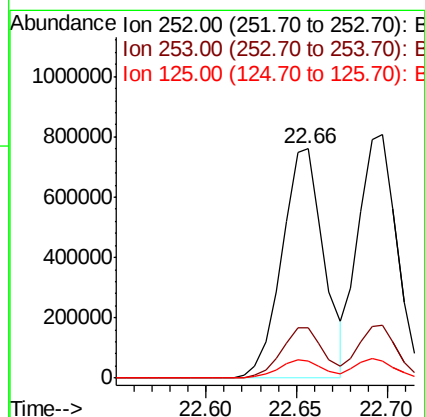
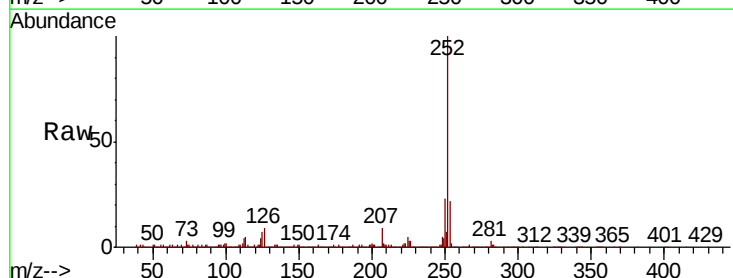
RT: 22.66 min Scan# 3361

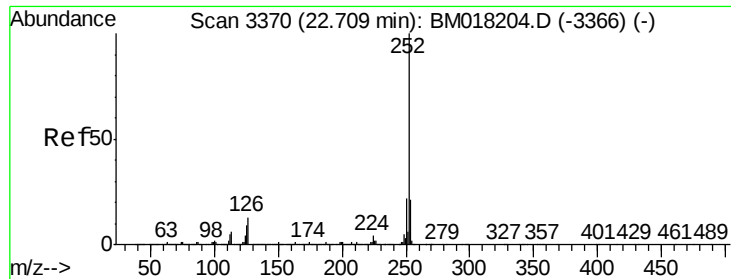
Delta R.T. -0.01 min

Lab File: BM018383.D

Acq: 22 Dec 2018 14:58

Tgt Ion:	252	Resp:	1227691
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	7.4	7.4	11.0





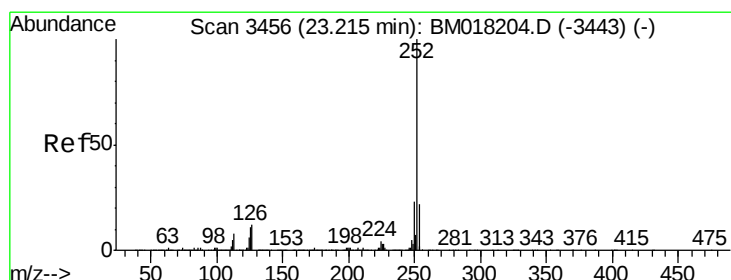
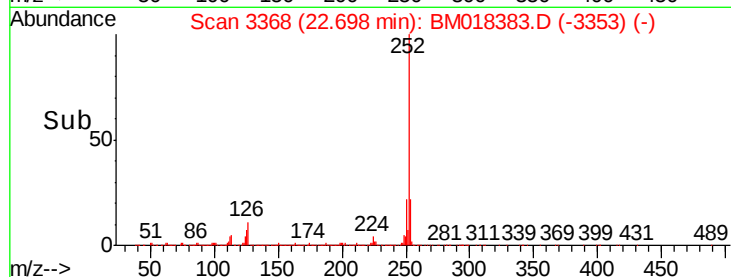
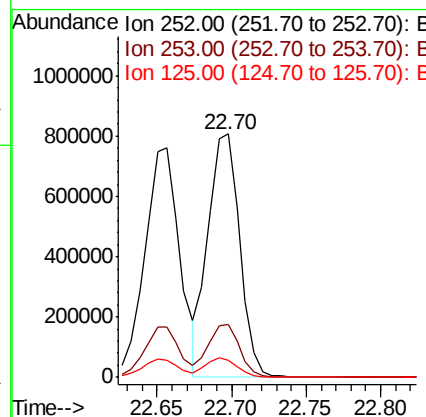
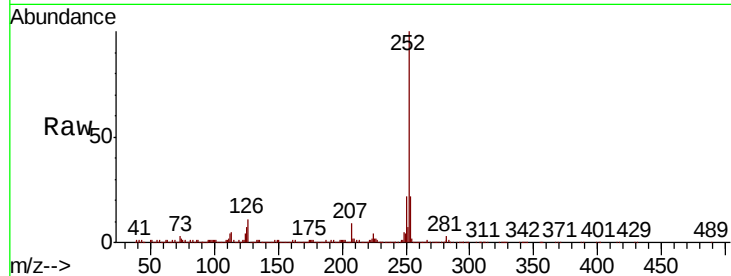
#89
Benzo(k)fluoranthene
Concen: 50.106 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion:252 Resp: 1188943
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 7.1 7.5 11.3#

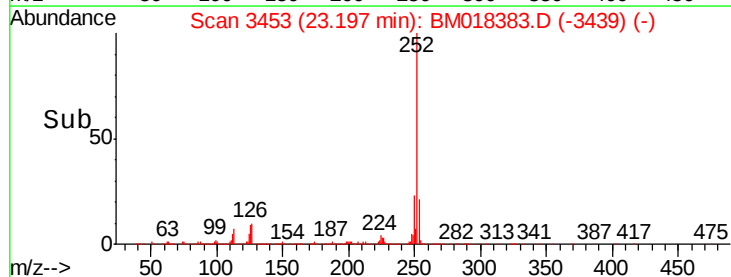
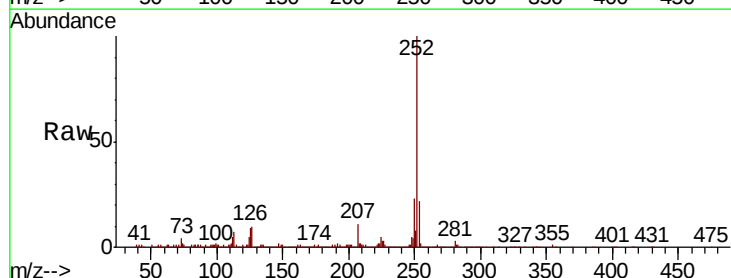
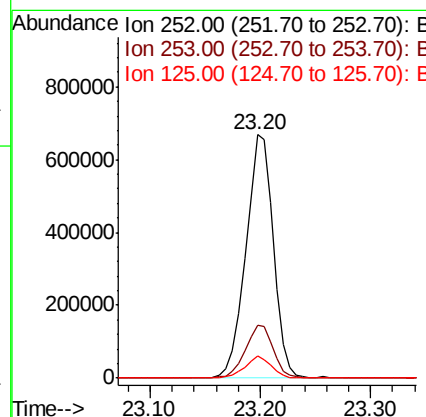
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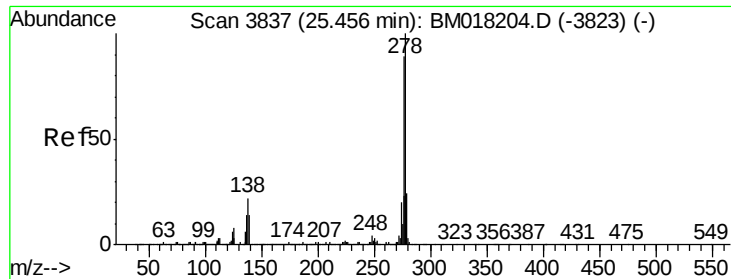
Sohil
12/26/2018 3:20:30 PM



#90
Benzo(a)pyrene
Concen: 51.459 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion:252 Resp: 1166103
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 8.9 8.6 12.8





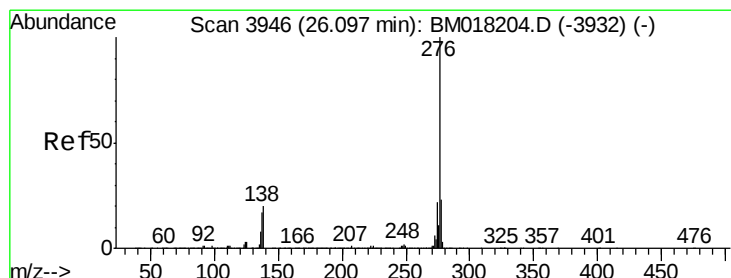
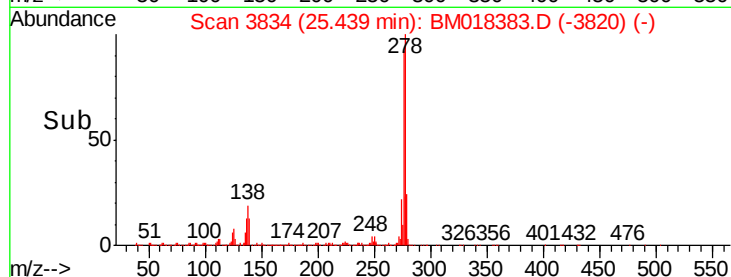
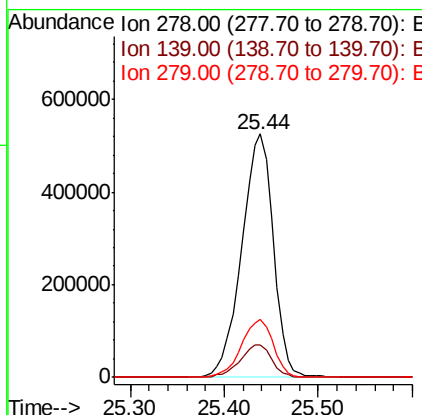
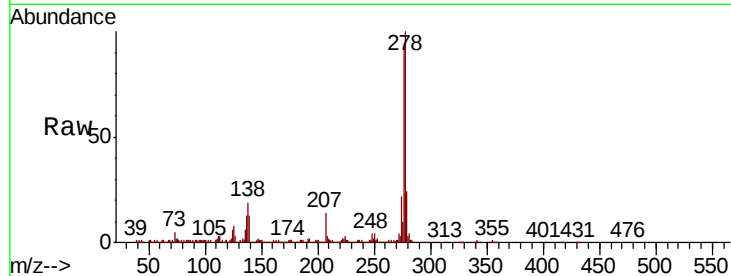
#91
Dibenzo(a,h)anthracene
Concen: 58.316 ng
RT: 25.44 min Scan# 3834
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.6	17.4
279	23.6	19.2	28.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 58.491 ng
RT: 26.08 min Scan# 3943
Delta R.T. -0.02 min
Lab File: BM018383.D
Acq: 22 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	16.8	15.8	23.8

