

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018556.D
 Acq On : 14 Jan 2019 17:59
 Operator : JU/SJ
 Sample : K1131-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Manual Integrations
 APPROVED

Sohil
 1/15/2019 12:20:08 PM

Quant Time: Jan 14 23:42:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	249478	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1037328	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	630056	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1465832	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1657860	20.00	ng	0.00
87) Perylene-d12	23.63	264	1764857	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	2584620	191.30	ng	0.00
7) Phenol-d6	6.93	99	3511523	204.63	ng	0.00
23) Nitrobenzene-d5	8.92	82	2084368	116.48	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1653203	206.07	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	5500323	113.91	ng	0.00
79) Terphenyl-d14	19.79	244	8993719	114.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	158092	28.709	ng	97
3) Pyridine	3.68	79	458923	33.427	ng	97
4) n-Nitrosodimethylamine	3.60	42	264737	46.632	ng	# 94
6) Aniline	7.09	93	284309	14.852	ng	100
8) 2-Chlorophenol	7.32	128	723310	45.838	ng	96
9) Benzaldehyde	6.91	77	194911	16.867	ng	97
10) Phenol	6.96	94	891243	51.110	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	573375	41.847	ng	95
12) 1,3-Dichlorobenzene	7.64	146	722410	38.442	ng	100
13) 1,4-Dichlorobenzene	7.79	146	747944	39.269	ng	99
14) 1,2-Dichlorobenzene	8.10	146	722245	39.990	ng	99
15) Benzyl Alcohol	8.00	79	601255	48.510	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	707910	40.428	ng	93
17) 2-Methylphenol	8.20	107	591900	50.005	ng	99
18) Hexachloroethane	8.82	117	267456	39.383	ng	95
19) n-Nitroso-di-n-propylamine	8.56	70	484605	43.394	ng	93
20) 3+4-Methylphenols	8.53	107	812950	49.751	ng	99
22) Acetophenone	8.58	105	992220	38.667	ng	98
24) Nitrobenzene	8.96	77	720051	40.897	ng	96
25) Isophorone	9.48	82	1352003	49.896	ng	99
26) 2-Nitrophenol	9.67	139	408100	47.937	ng	96
27) 2,4-Dimethylphenol	9.72	122	662548	51.922	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	819123	43.760	ng	100
29) 2,4-Dichlorophenol	10.20	162	734844	48.362	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	744055	39.452	ng	99
31) Naphthalene	10.60	128	2204377	44.125	ng	99
32) Benzoic acid	9.82	122	98783m	16.442	ng	
33) 4-Chloroaniline	10.72	127	175613	8.926	ng	97
34) Hexachlorobutadiene	10.86	225	445482	37.389	ng	99
35) Caprolactam	11.53	113	238079m	46.085	ng	
36) 4-Chloro-3-methylphenol	11.85	107	785722	49.289	ng	99
37) 2-Methylnaphthalene	12.21	142	1671403	47.352	ng	99
38) 1-Methylnaphthalene	12.43	142	1594221	46.679	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	869819	39.478	ng	99

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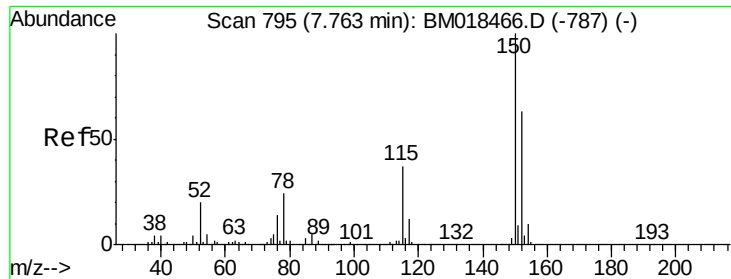
Manual Integrations
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 1/15/2019 12:20:08 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	935162	77.336	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	618477	46.225	ng	98
44) 2,4,5-Trichlorophenol	12.90	196	674329	47.922	ng	98
46) 1,1'-Biphenyl	13.23	154	2165603	39.365	ng	99
47) 2-Chloronaphthalene	13.27	162	1682595	39.441	ng	99
48) 2-Nitroaniline	13.49	65	478120	45.555	ng	93
49) Acenaphthylene	14.13	152	2782297	44.753	ng	99
50) Dimethylphthalate	13.87	163	3691612	71.343	ng	99
51) 2,6-Dinitrotoluene	13.99	165	490717	44.770	ng	94
52) Acenaphthene	14.47	154	1594348	41.913	ng	98
53) 3-Nitroaniline	14.33	138	238819	21.612	ng	94
54) 2,4-Dinitrophenol	14.53	184	419916	71.600	ng	94
55) Dibenzofuran	14.80	168	2600598	41.377	ng	99
56) 4-Nitrophenol	14.65	139	922338	96.618	ng	94
57) 2,4-Dinitrotoluene	14.78	165	705643	45.501	ng	99
58) Fluorene	15.46	166	2128748	45.466	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	616915	49.461	ng	96
60) Diethylphthalate	15.23	149	2301772	44.064	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	1081755	40.088	ng	97
62) 4-Nitroaniline	15.50	138	503432	41.768	ng	97
63) Azobenzene	15.75	77	1806780	42.423	ng	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	385529	42.020	ng	89
66) n-Nitrosodiphenylamine	15.67	169	1903169	41.856	ng	98
67) 4-Bromophenyl-phenylether	16.35	248	672775	41.014	ng	98
68) Hexachlorobenzene	16.45	284	748262	40.747	ng	95
69) Atrazine	16.62	200	726369	44.189	ng	99
70) Pentachlorophenol	16.80	266	960783	79.888	ng	98
71) Phenanthrene	17.20	178	3482800	44.670	ng	100
72) Anthracene	17.29	178	3535029	47.150	ng	100
73) Carbazole	17.56	167	3236586	42.019	ng	100
74) Di-n-butylphthalate	18.12	149	4005829	47.477	ng	99
75) Fluoranthene	19.22	202	4200122	46.725	ng	98
77) Benzidine	19.41	184	1760822	43.015	ng	100
78) Pyrene	19.58	202	4266886	43.420	ng	99
80) Butylbenzylphthalate	20.48	149	1965348	46.869	ng	99
81) Benzo(a)anthracene	21.33	228	4406915	45.122	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	878246	23.780	ng	99
83) Chrysene	21.39	228	4112181	43.602	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2844585	46.978	ng	99
85) Di-n-octyl phthalate	22.14	149	5044377	49.532	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.96	276	5275233	48.507	ng	96
88) Benzo(b)fluoranthene	22.94	252	4502684	44.939	ng	99
89) Benzo(k)fluoranthene	22.99	252	4472813	44.296	ng	98
90) Benzo(a)pyrene	23.53	252	4428800	46.171	ng	98
91) Dibenzo(a,h)anthracene	25.97	278	4416204	45.437	ng	98
92) Benzo(g,h,i)perylene	26.67	276	4299689	45.460	ng	97

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



#1

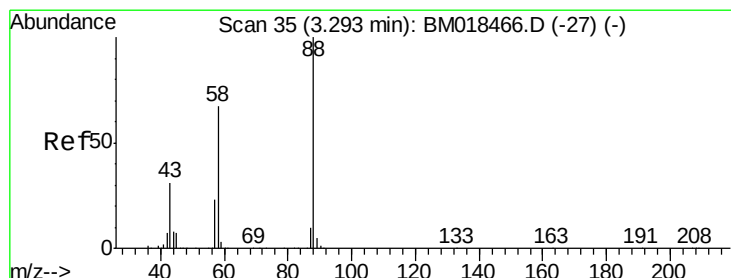
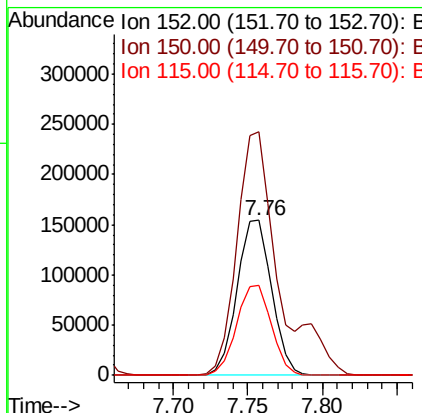
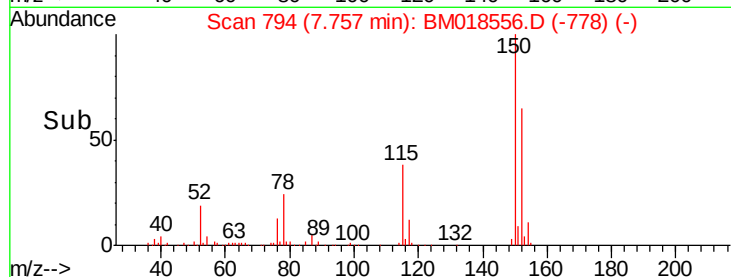
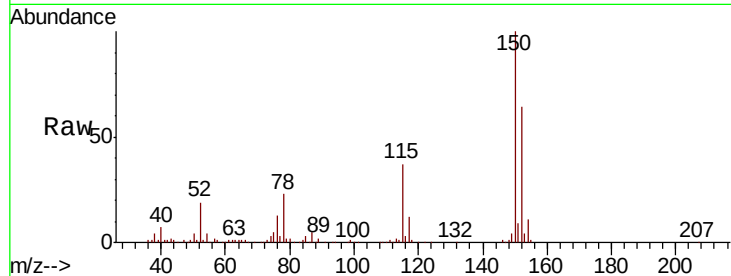
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.9	190.3
115	58.1	45.5	68.3

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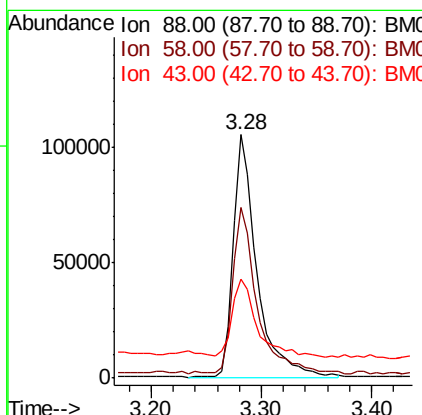
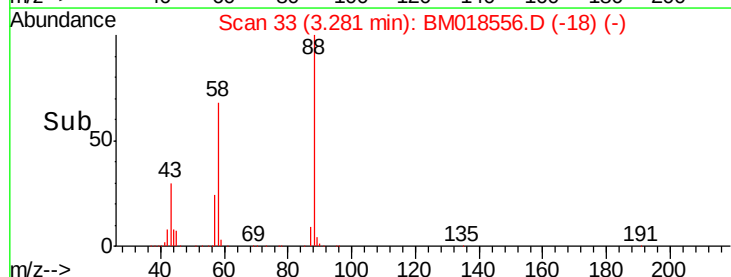
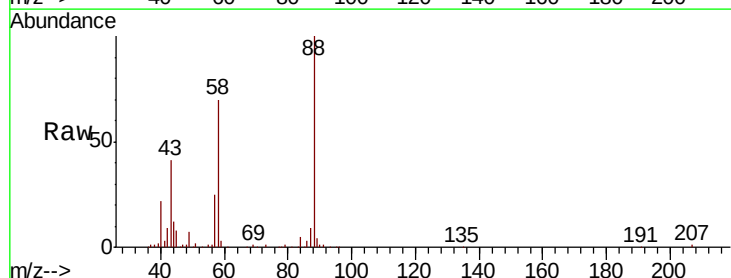
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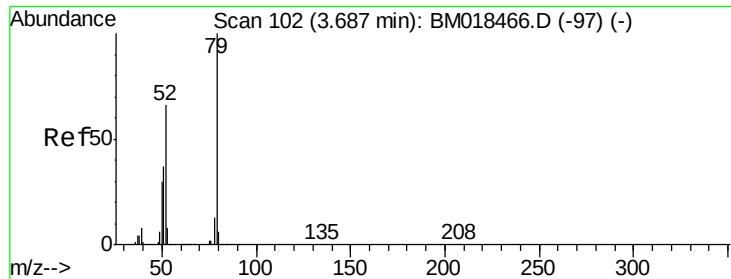


#2

1,4-Dioxane
Concen: 28.709 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	58.4	87.6
43	34.3	26.2	39.4





#3

Pvridine

Concen: 33.427 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

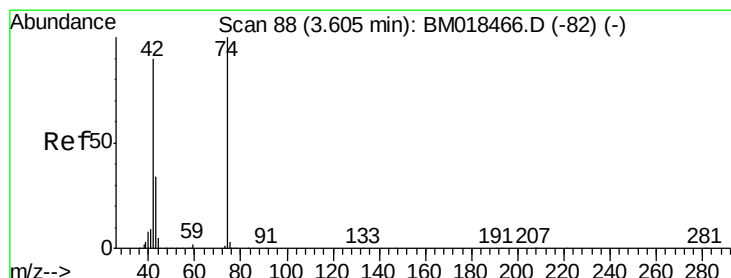
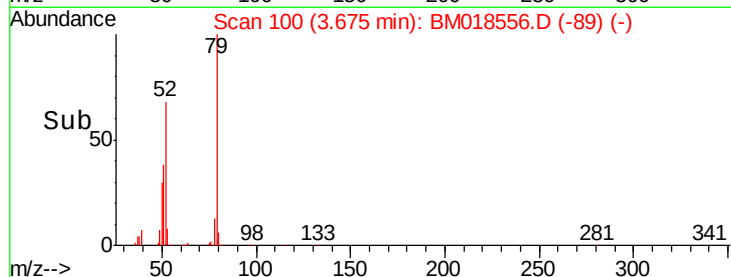
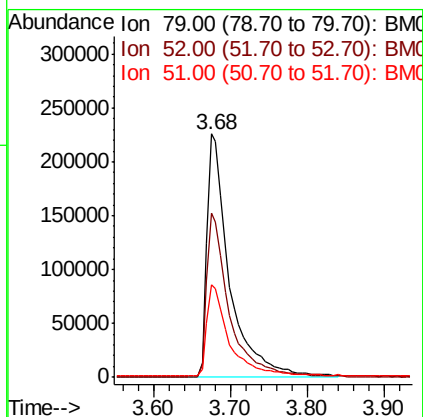
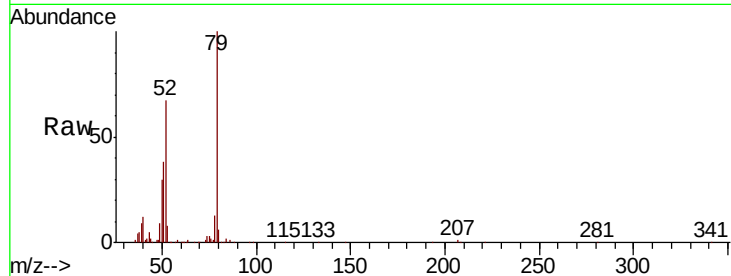
ClientSampleId :

QD-01-011019MS

Tot Ion:	79	Resp:	458923
Ion	Ratio	Lower	Upper
79	100		
52	67.4	56.4	84.6
51	38.2	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 46.632 ng

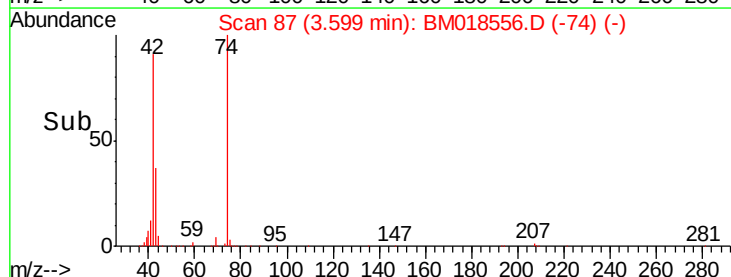
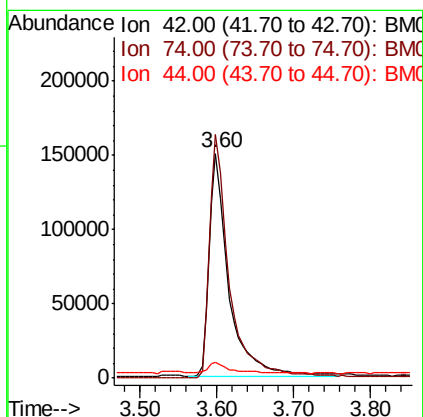
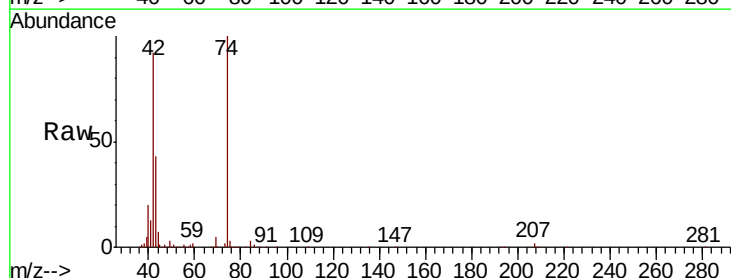
RT: 3.60 min Scan# 87

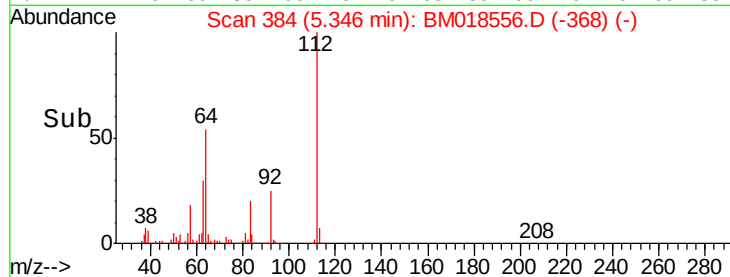
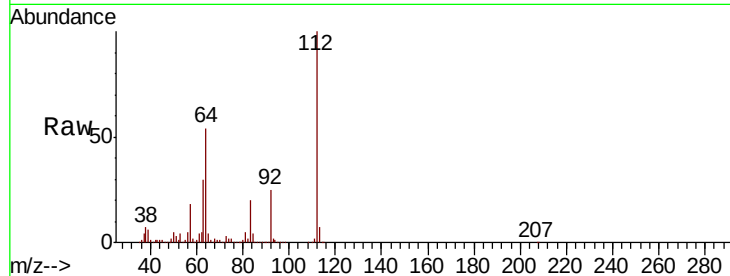
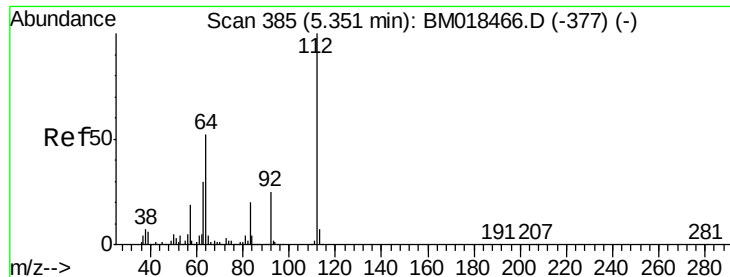
Delta R.T. -0.02 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:	42	Resp:	264737
Ion	Ratio	Lower	Upper
42	100		
74	108.5	88.6	132.8
44	7.2	16.9	25.3





#5

2-Fluorophenol

Concen: 191.299 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tot Ion:	112	Resp:	2584620
Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	29.8	25.2	37.8

Instrument :

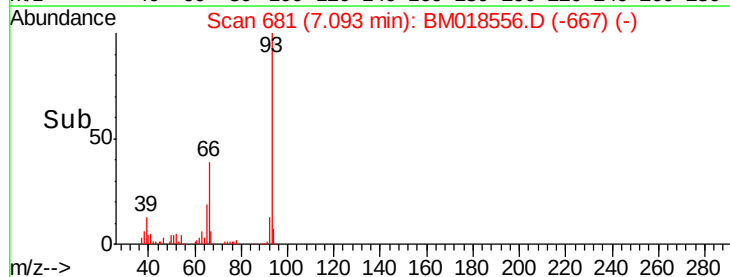
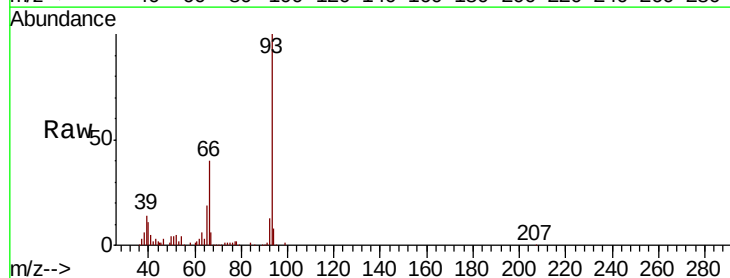
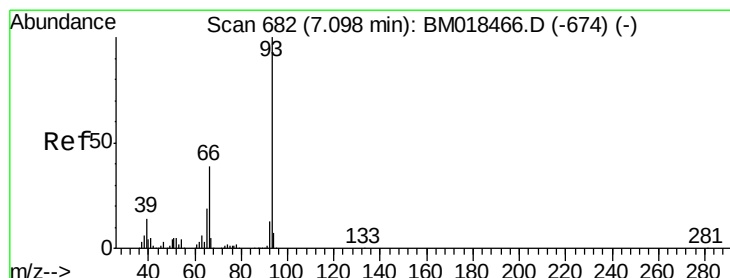
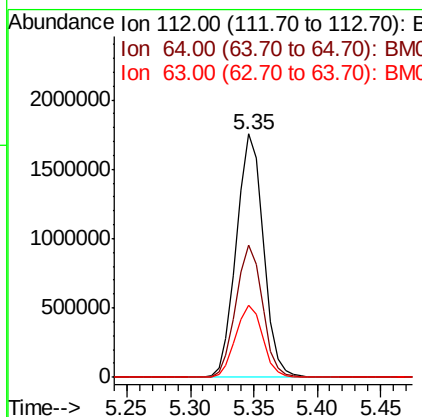
BNA_M

ClientSampleId :

QD-01-011019MS

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#6

Aniline

Concen: 14.852 ng

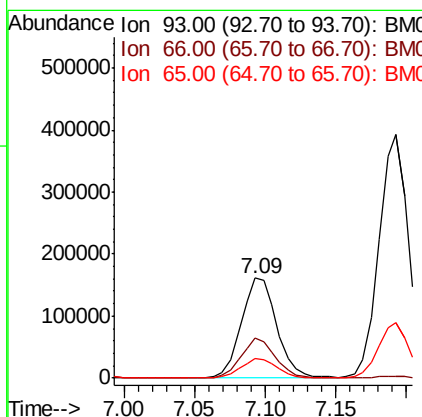
RT: 7.09 min Scan# 681

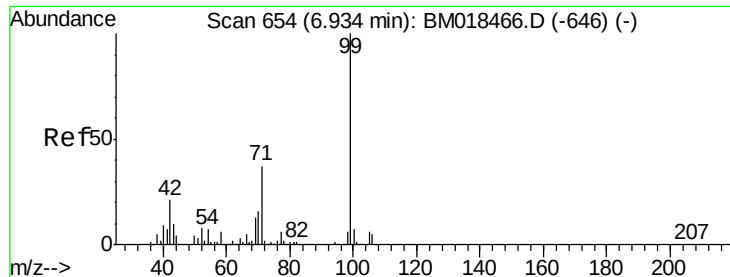
Delta R.T. -0.02 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:	93	Resp:	284309
Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.7	47.5
65	19.4	15.9	23.9





#7

Phenol-d6

Concen: 204.629 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion: 99 Resp: 3511523

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

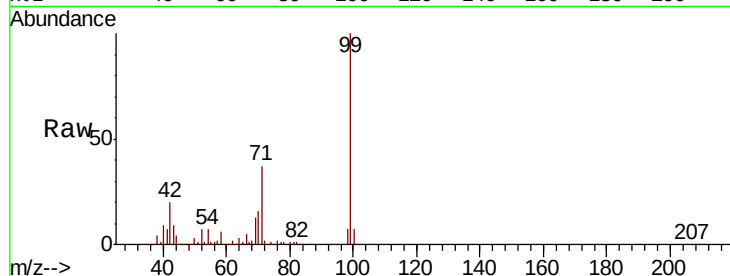
71 36.7 28.0 42.0

Manual Integrations

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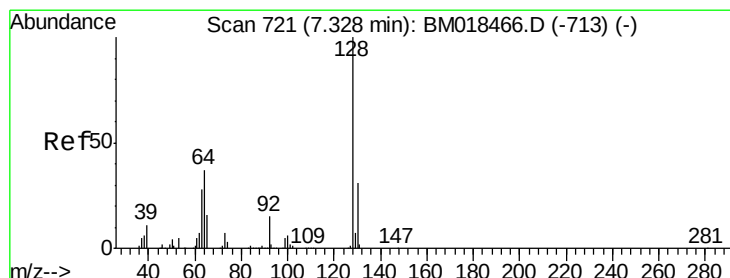
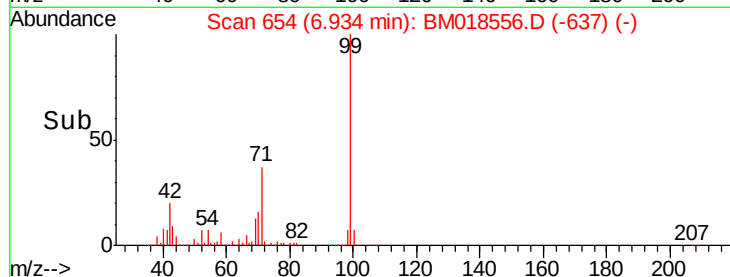
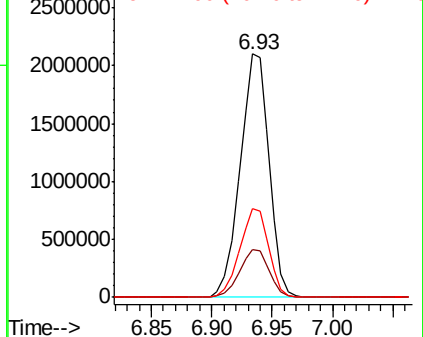
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 45.838 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

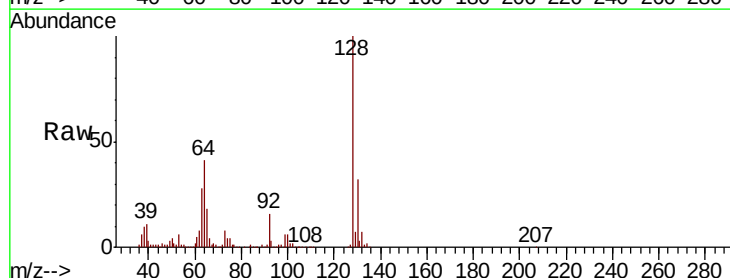
Tgt Ion: 128 Resp: 723310

Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

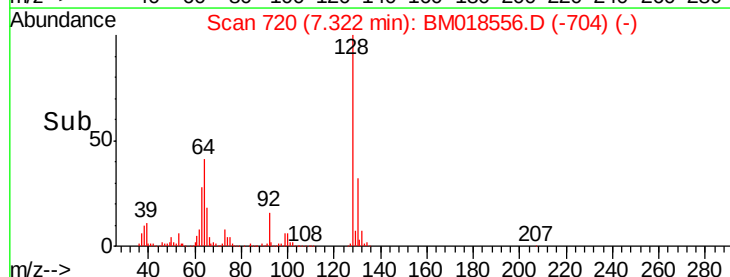
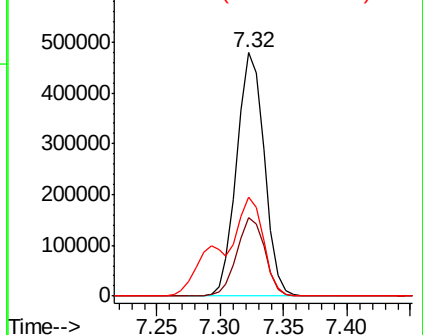
64 40.9 24.8 64.8

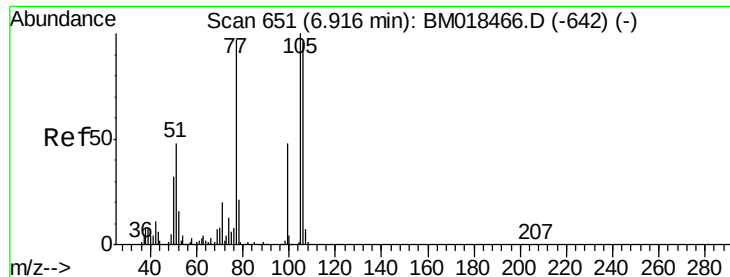


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 16.867 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

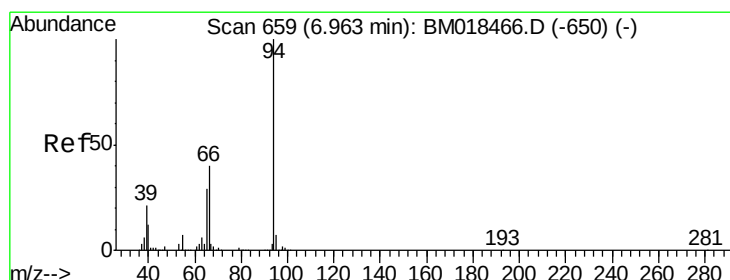
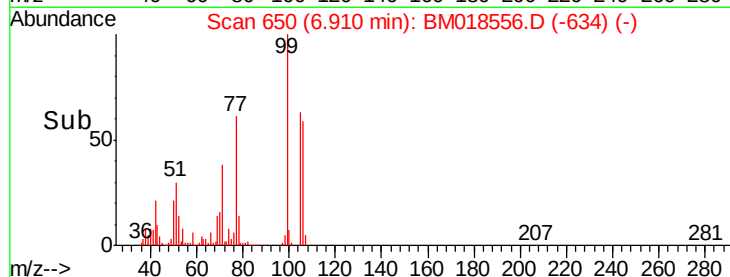
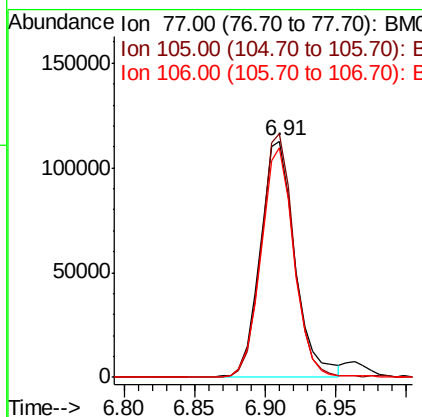
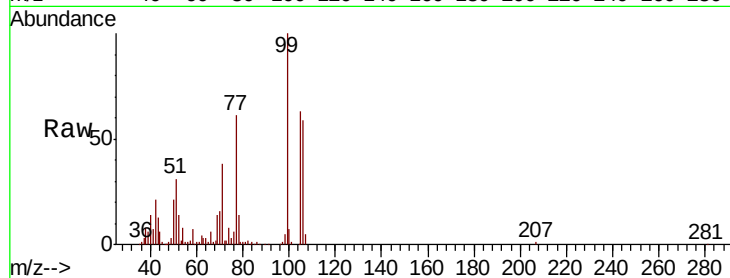
ClientSampleId :

QD-01-011019MS

Tot Ion:	77	Resp:	194911
Ion Ratio	Lower	Upper	
77	100		
105	102.9	79.7	119.7
106	97.2	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 51.110 ng

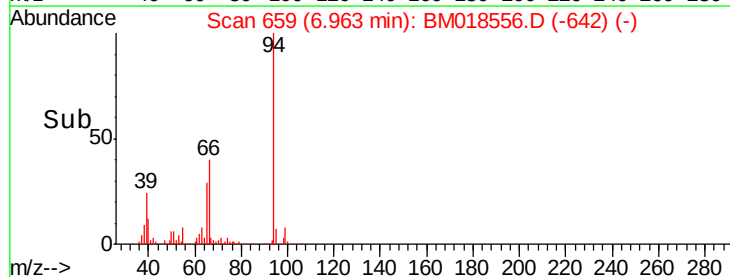
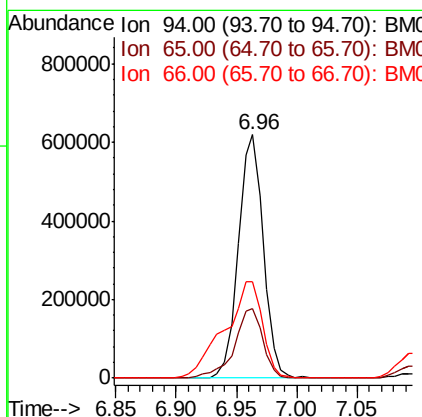
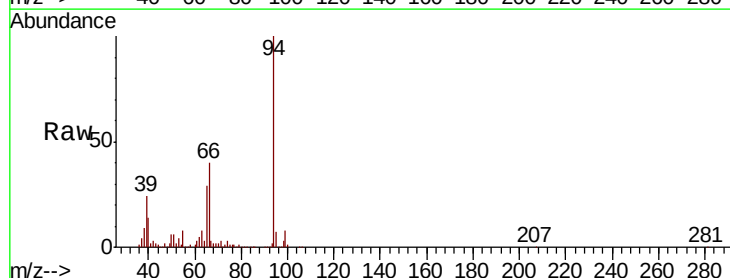
RT: 6.96 min Scan# 659

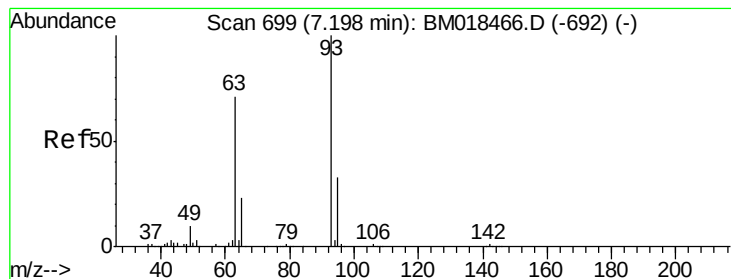
Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:	94	Resp:	891243
Ion Ratio	Lower	Upper	
94	100		
65	28.6	9.4	49.4
66	39.8	19.1	59.1





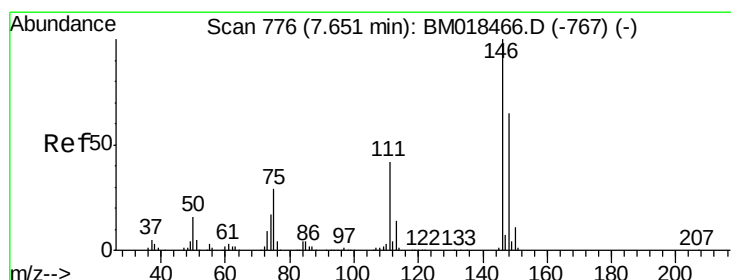
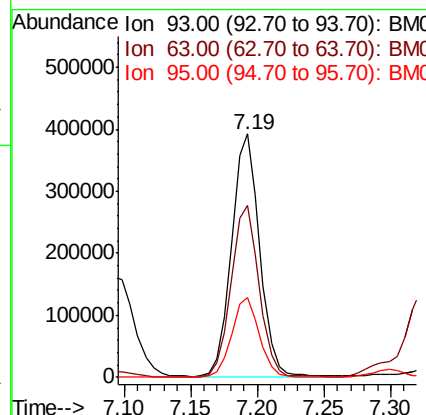
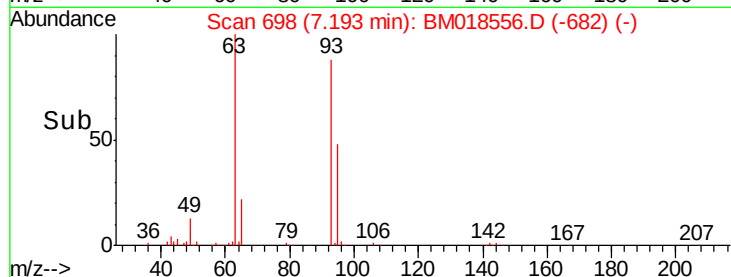
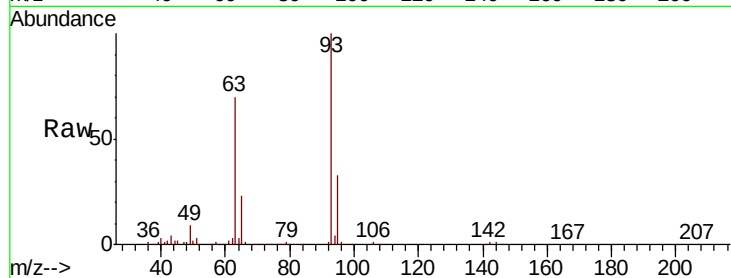
#11
bis(2-Chloroethyl)ether
Concen: 41.847 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.4	56.4	96.4
95	32.7	12.7	52.7

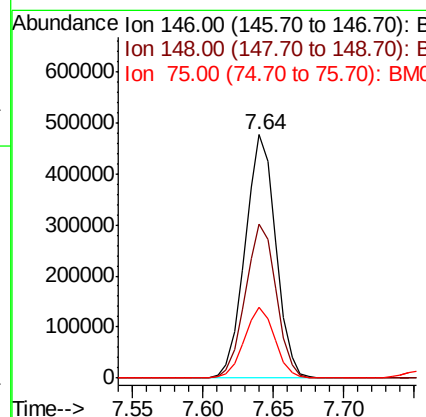
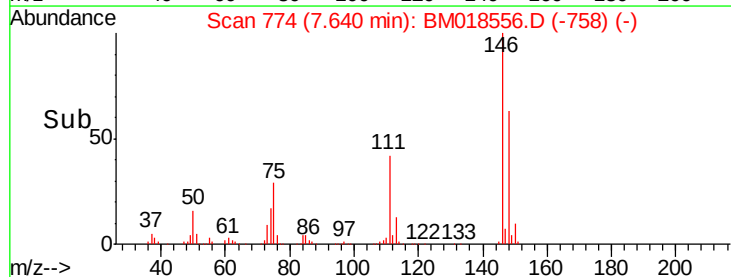
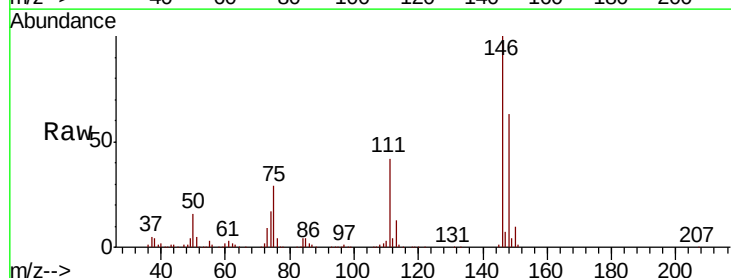
Manual Integrations
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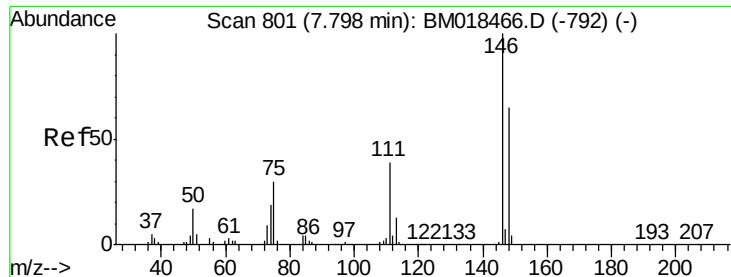
Sohil
1/15/2019 12:20:08 PM



#12
1,3-Dichlorobenzene
Concen: 38.442 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
75	29.2	23.0	34.6





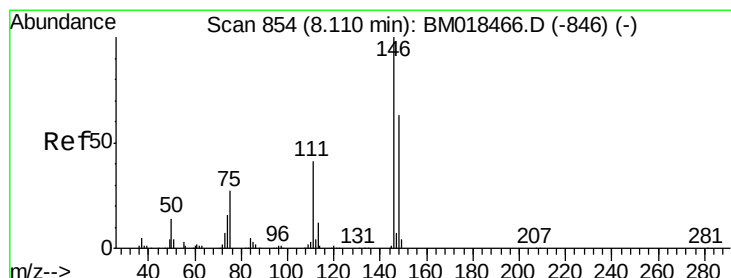
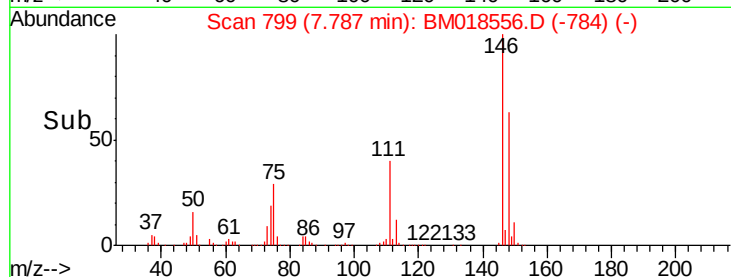
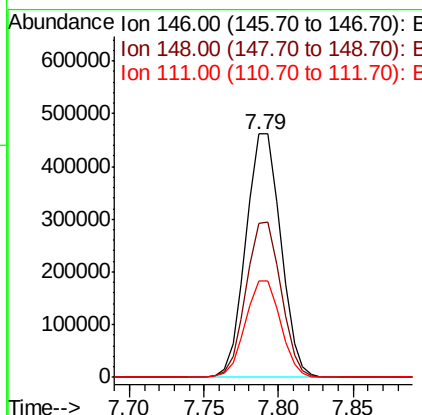
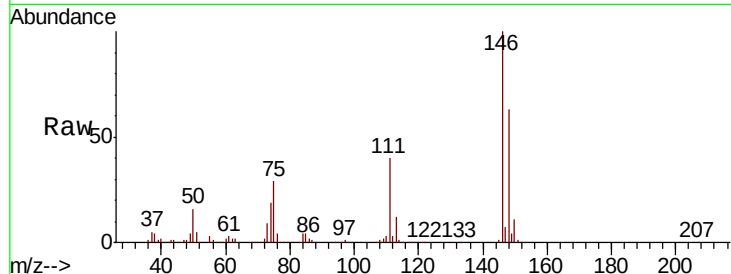
#13
 1,4-Dichlorobenzene
 Concen: 39.269 ng
 RT: 7.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	39.7	32.2	48.2

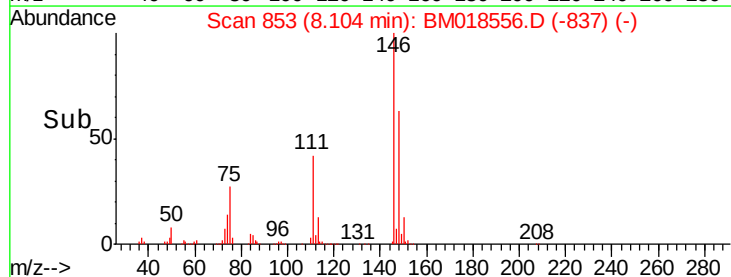
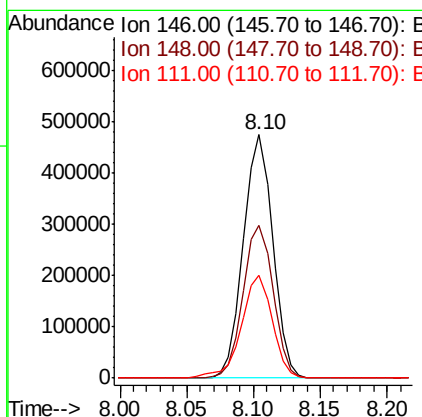
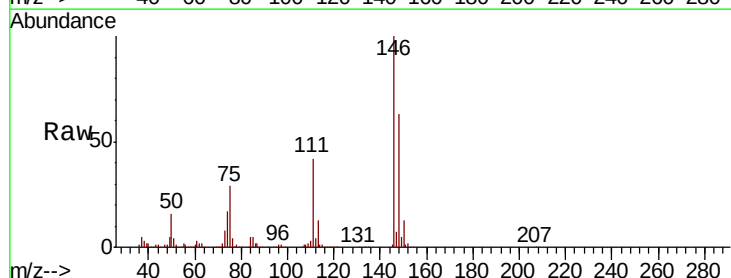
Manual Integrations
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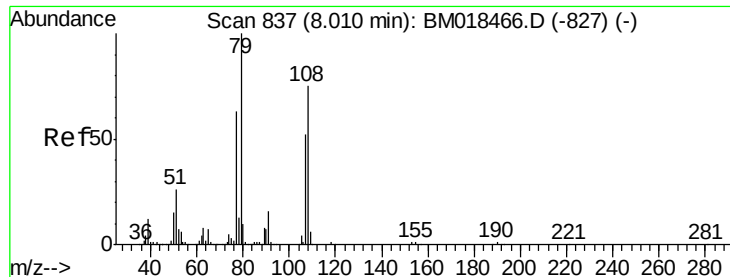
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.990 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	42.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.510 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

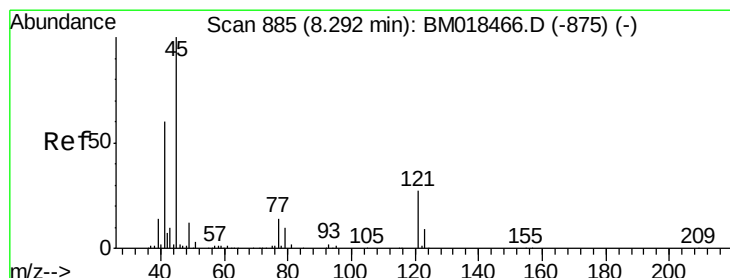
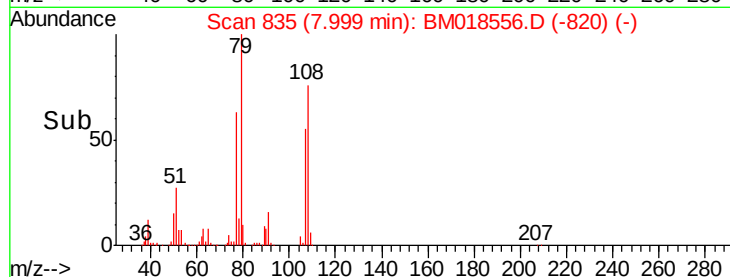
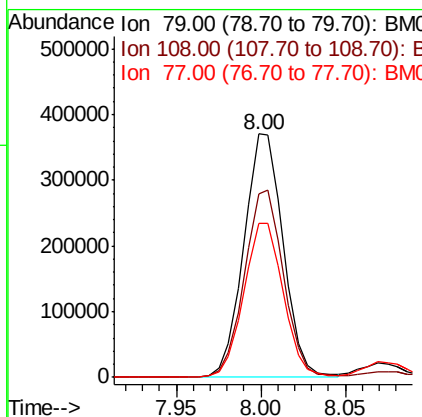
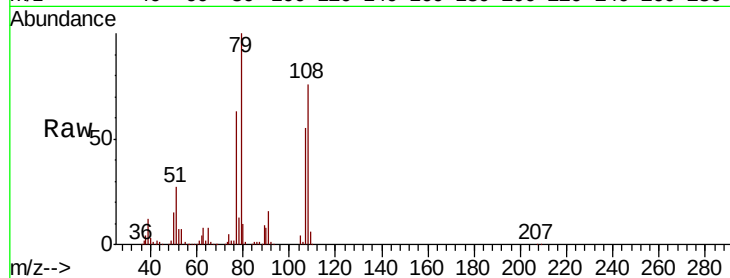
ClientSampleId :

QD-01-011019MS

Tot Ion:	79	Resp:	601255
Ion Ratio	Lower	Upper	
79	100		
108	75.5	60.4	90.6
77	63.3	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.428 ng

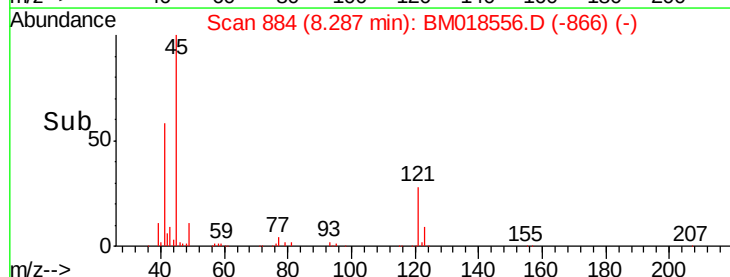
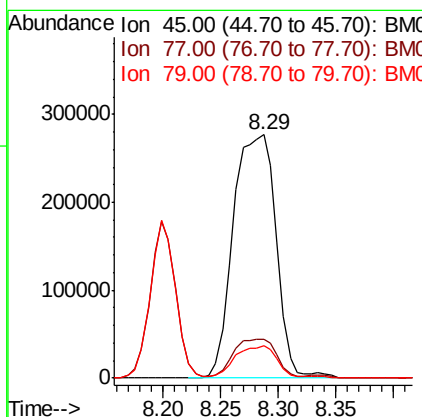
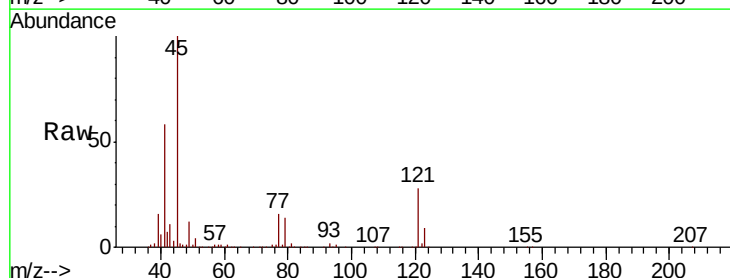
RT: 8.29 min Scan# 884

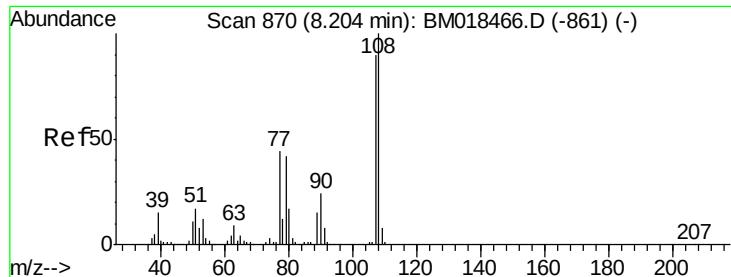
Delta R.T. 0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:	45	Resp:	707910
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	33.4
79	13.6	0.0	31.1





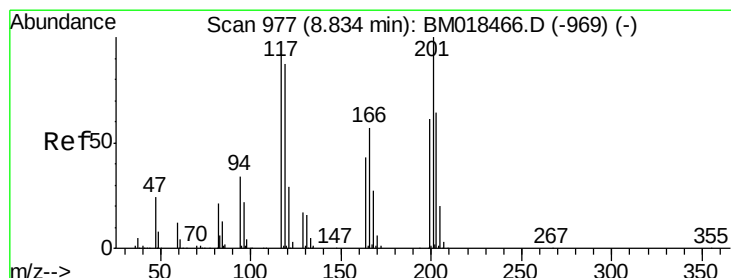
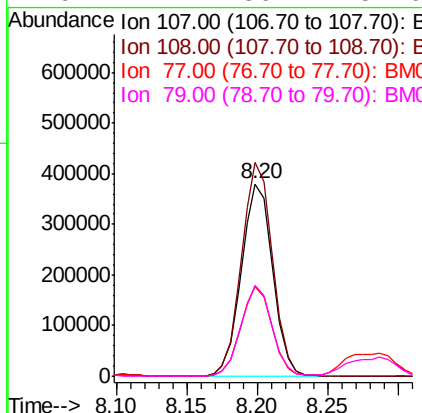
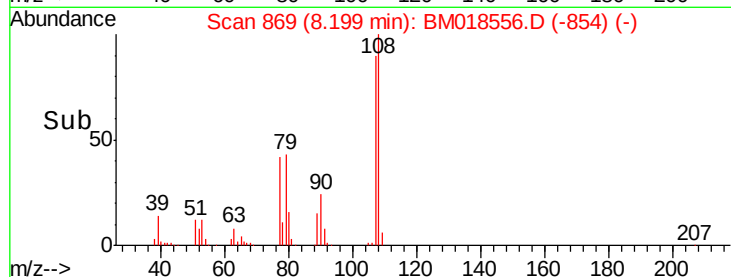
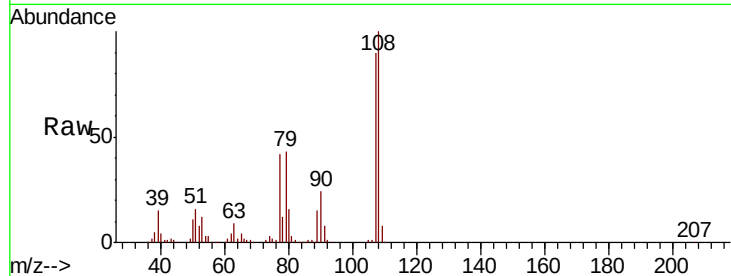
#17
2-Methylphenol
Concen: 50.005 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	591900		
108	111.0	87.5	131.3	
77	46.8	37.3	55.9	
79	47.2	36.4	54.6	

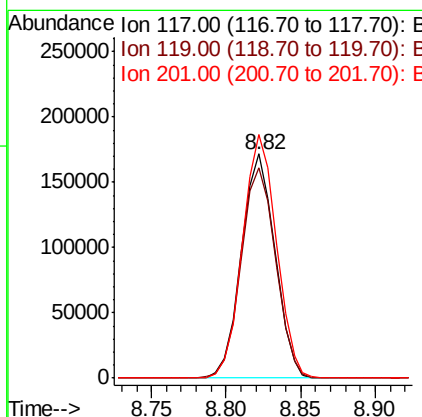
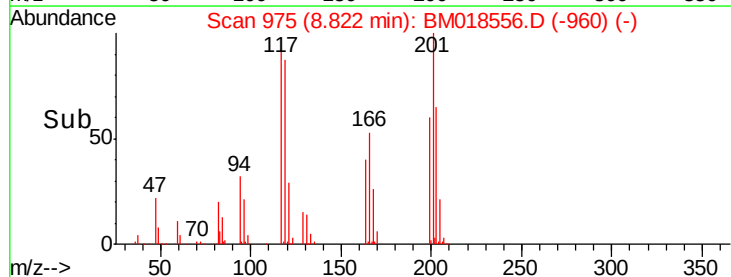
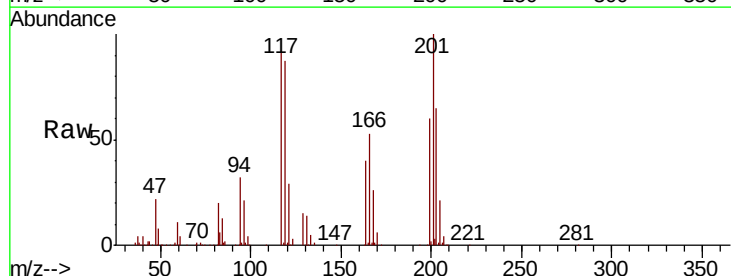
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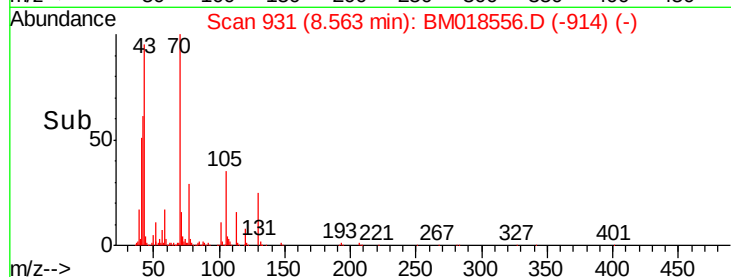
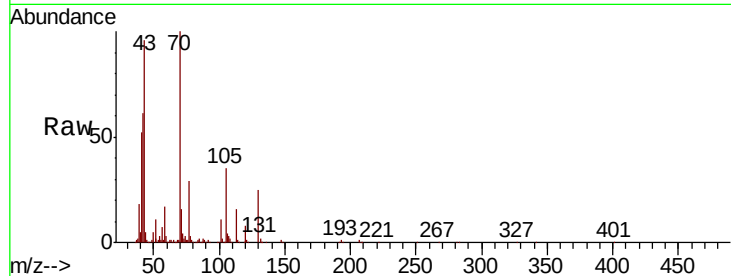
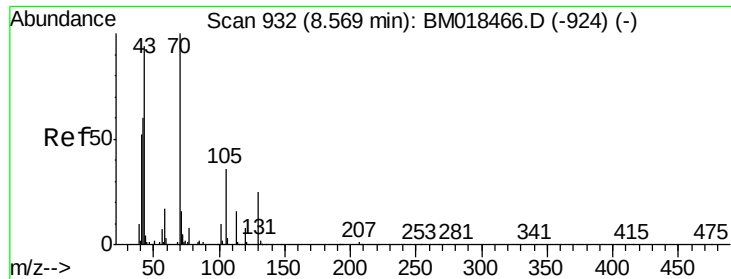
Sohil
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#18
Hexachloroethane
Concen: 39.383 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	267456		
119	94.1	78.3	117.5	
201	108.8	81.4	122.0	





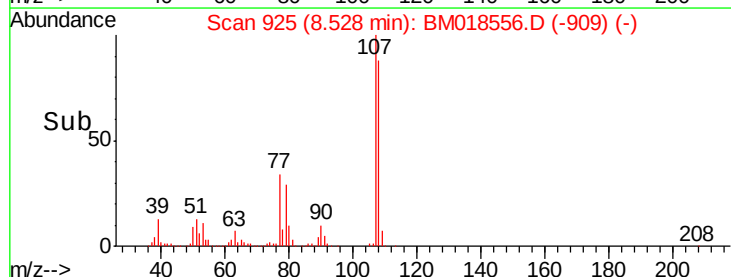
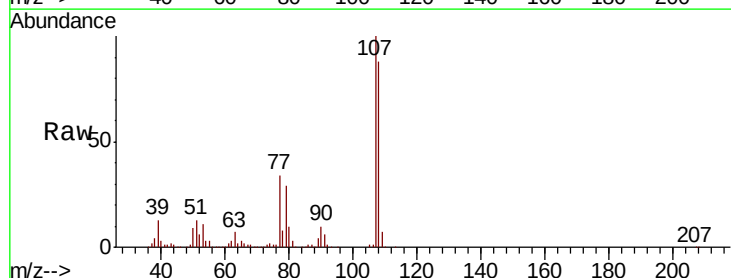
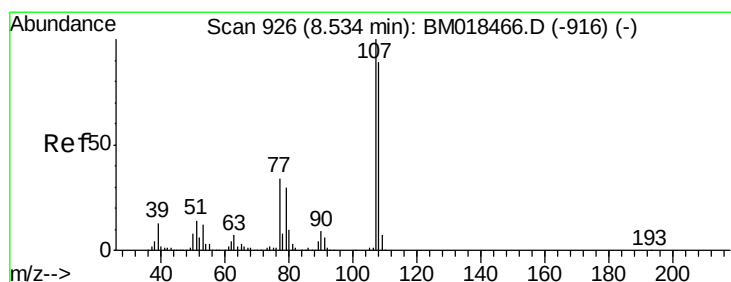
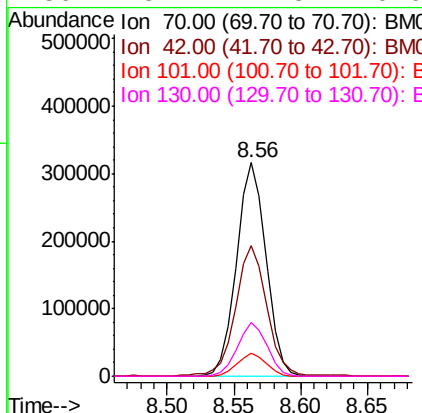
#19
n-Nitroso-di-n-propylamine
Concen: 43.394 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		484605		
42	60.8	54.0	81.0		
101	11.0	8.1	12.1		
130	25.4	17.8	26.6		

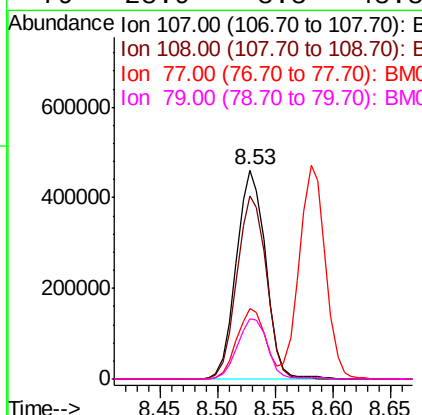
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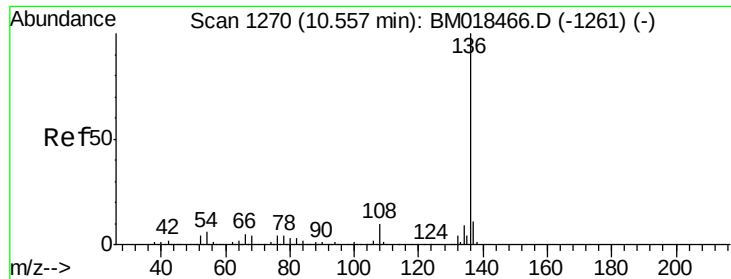
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#20
3+4-Methylphenols
Concen: 49.751 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		812950		
108	87.5	66.8	106.8		
77	33.7	13.3	53.3		
79	28.9	8.8	48.8		





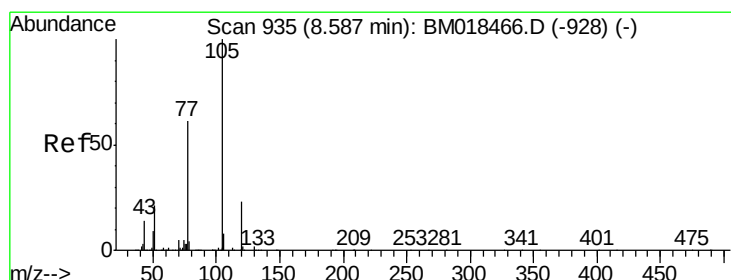
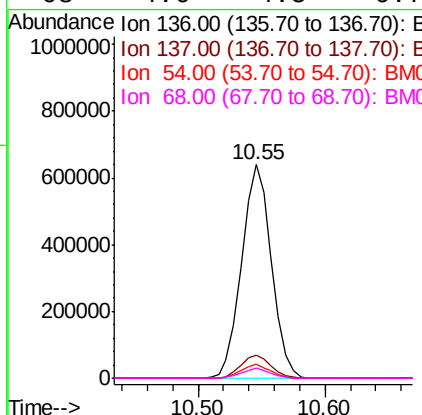
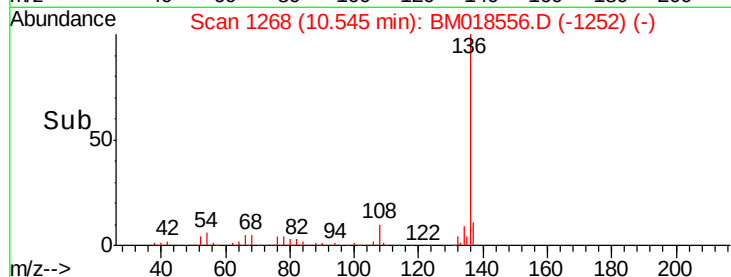
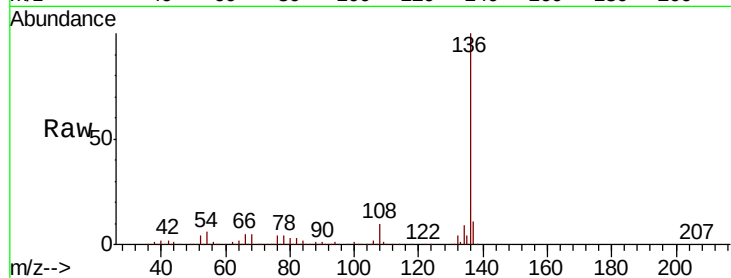
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	136	Resp	1037328
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.4	6.0	9.0
68	4.6	4.5	6.7

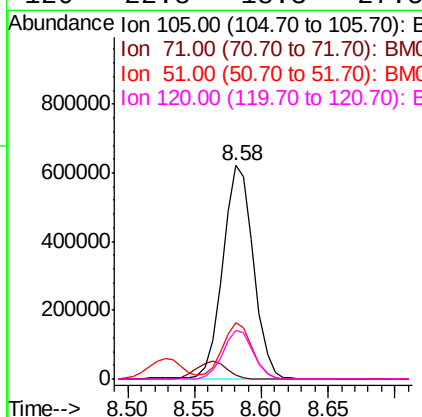
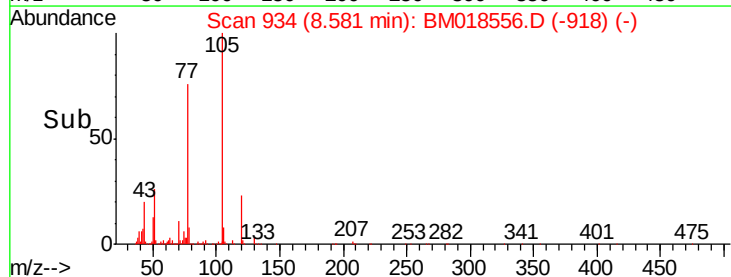
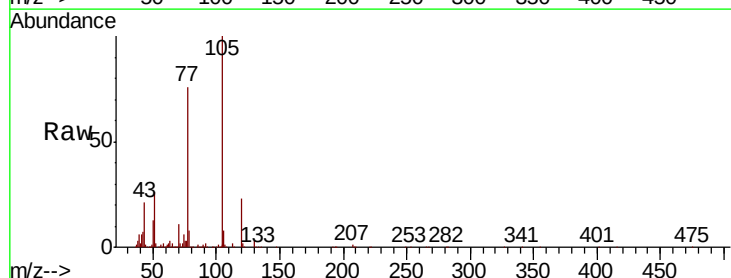
Manual Integrations
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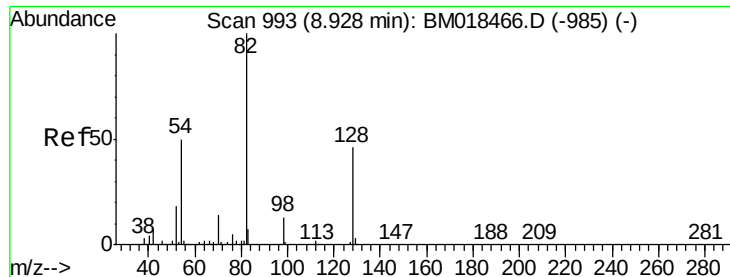
Sohil
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#22
Acetophenone
Concen: 38.667 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	105	Resp	992220
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.7	2.5
51	26.4	22.6	34.0
120	22.8	18.3	27.5





#23

Nitrobenzene-d5

Concen: 116.485 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion: 82 Resp: 2084368

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

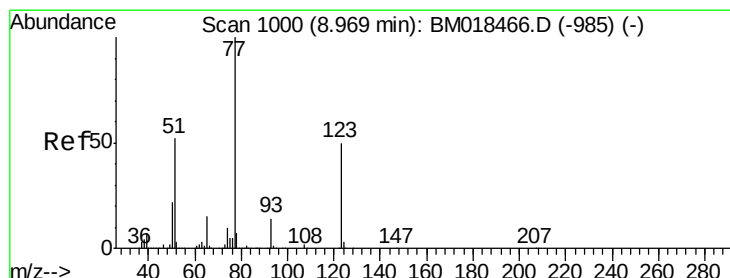
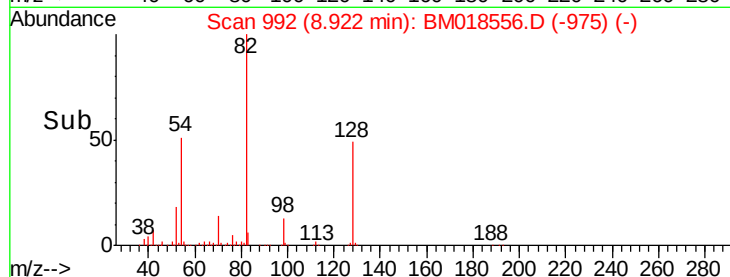
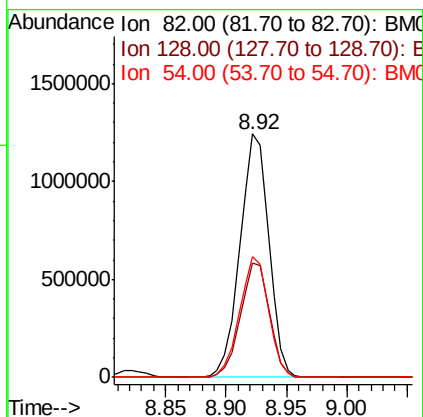
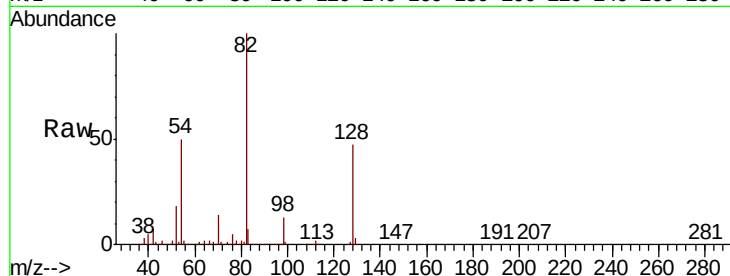
54 49.6 41.7 62.5

Manual Integrations

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#24

Nitrobenzene

Concen: 40.897 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

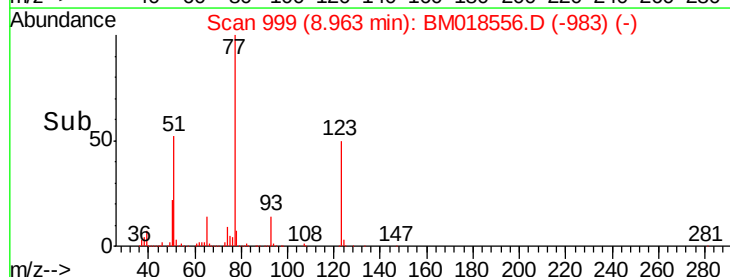
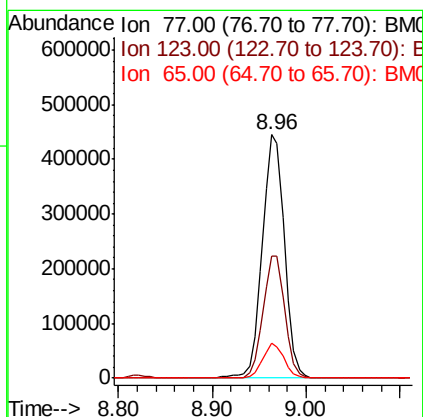
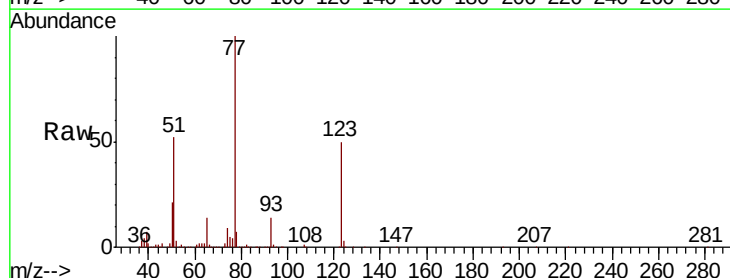
Tgt Ion: 77 Resp: 720051

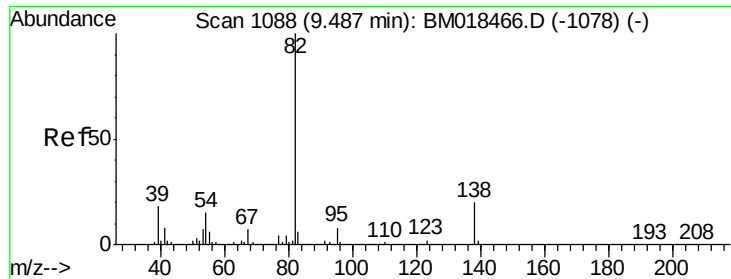
Ion Ratio Lower Upper

77 100

123 50.2 37.7 56.5

65 14.1 11.0 16.6





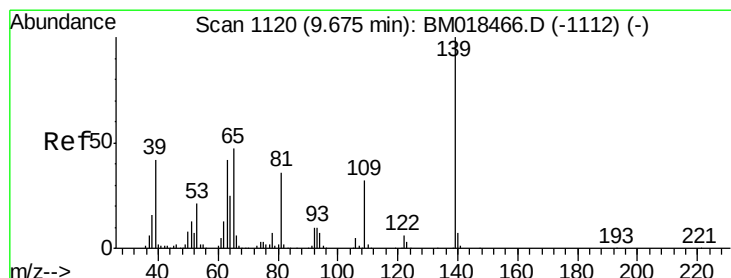
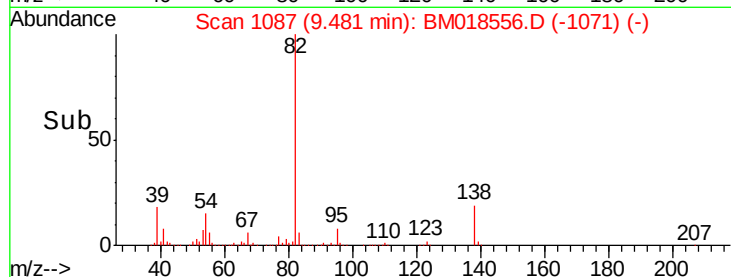
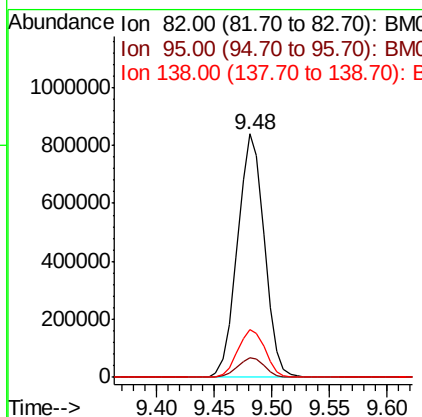
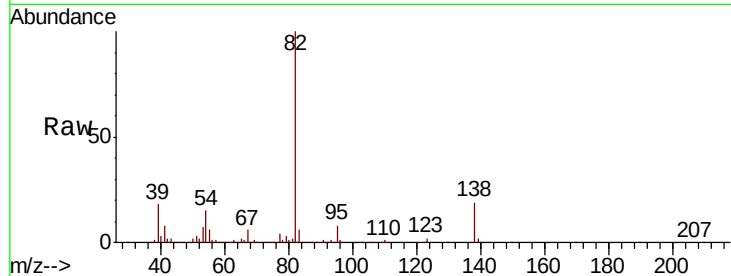
#25
Isophorone
Concen: 49.896 ng
RT: 9.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion: 82 Resp: 1352003
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 19.5 15.1 22.7

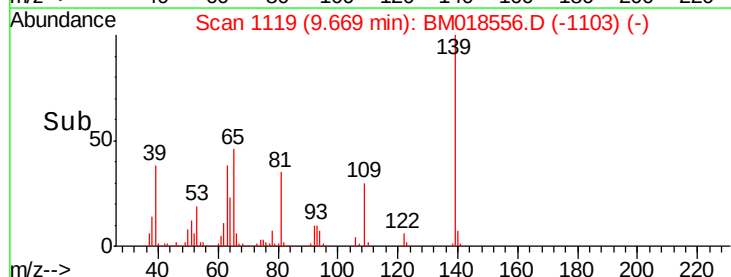
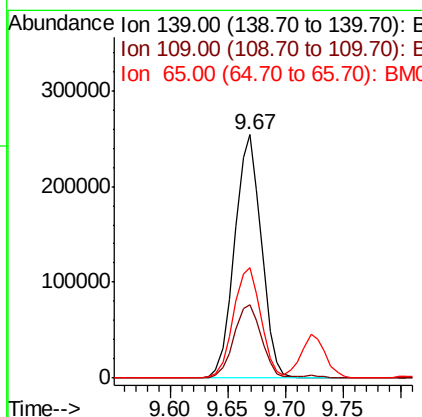
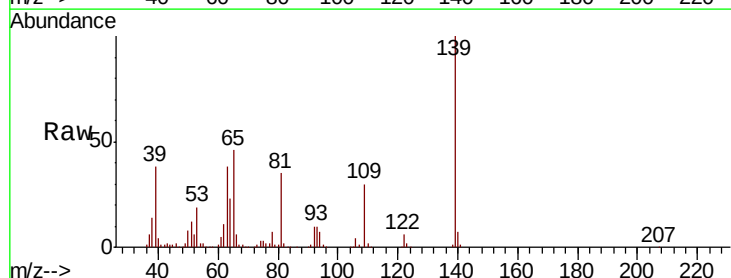
Manual Integrations
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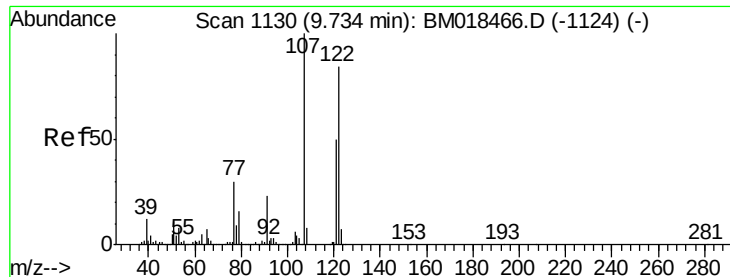
Sohil
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#26
2-Nitrophenol
Concen: 47.937 ng
RT: 9.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion: 139 Resp: 408100
Ion Ratio Lower Upper
139 100
109 30.2 23.4 35.2
65 45.6 39.4 59.2





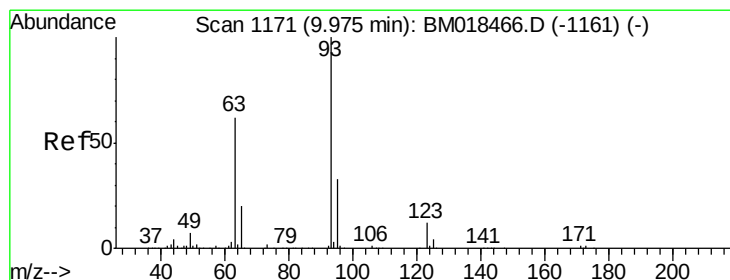
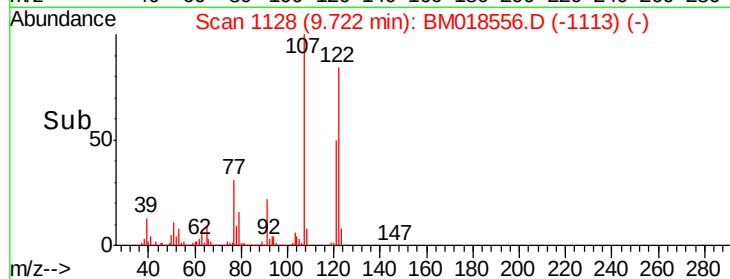
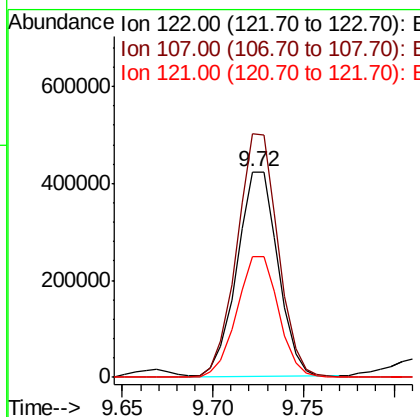
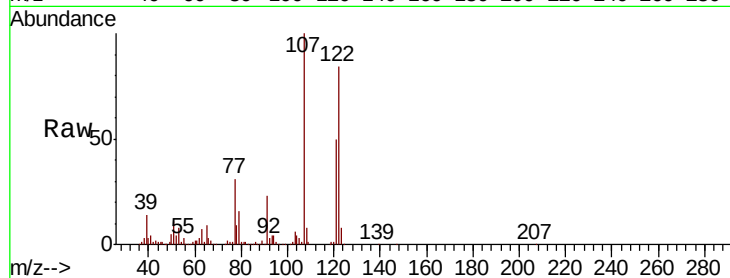
#27
2,4-Dimethylphenol
Concen: 51.922 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	91.9	137.9
121	58.9	47.5	71.3

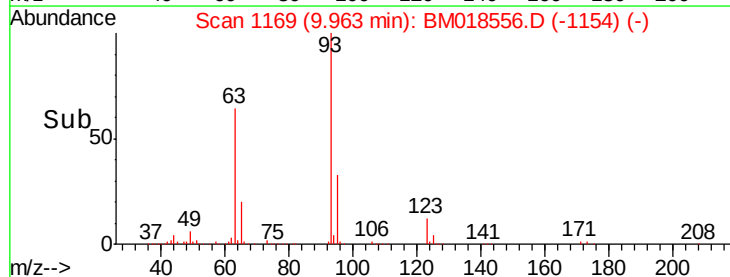
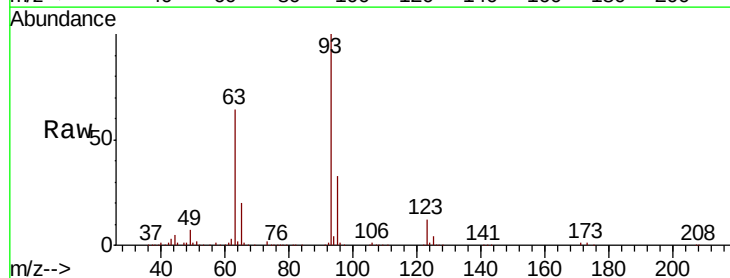
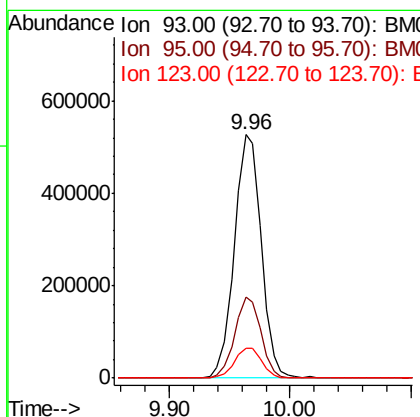
Manual Integrations
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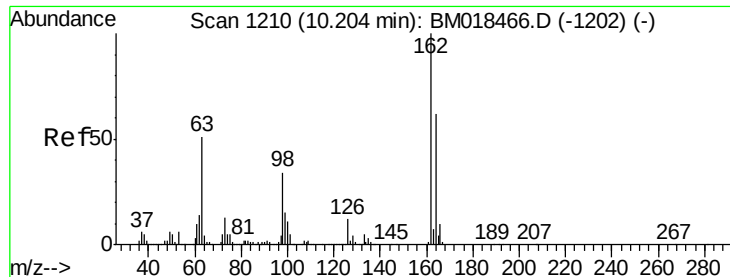
Sohil
1/15/2019 12:20:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.760 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.0	9.9	14.9





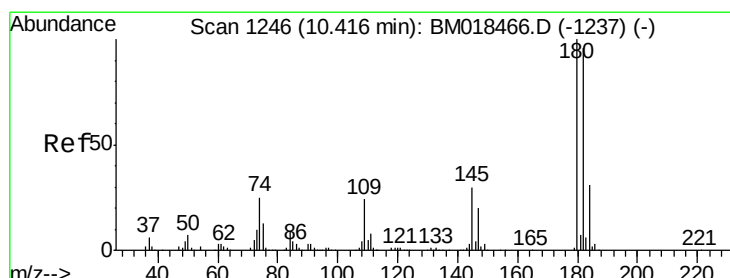
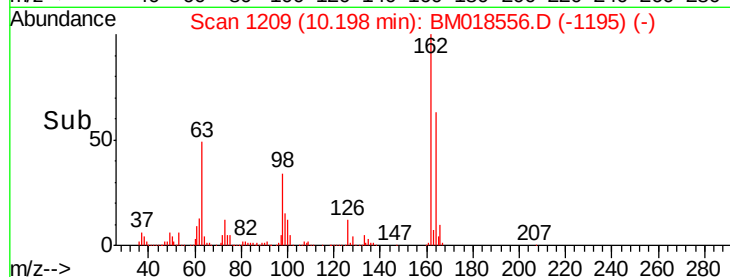
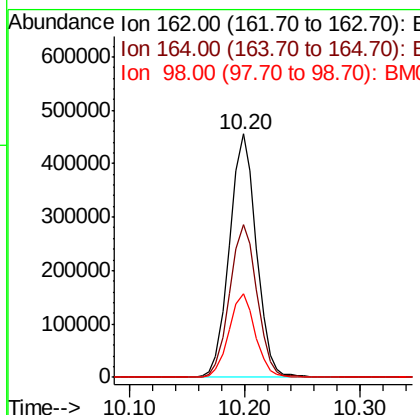
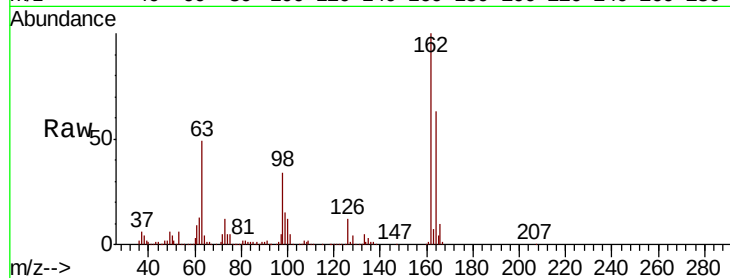
#29
 2,4-Dichlorophenol
 Concen: 48.362 ng
 RT: 10.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	734844		
164	62.9	45.6	85.6	
98	34.2	14.7	54.7	

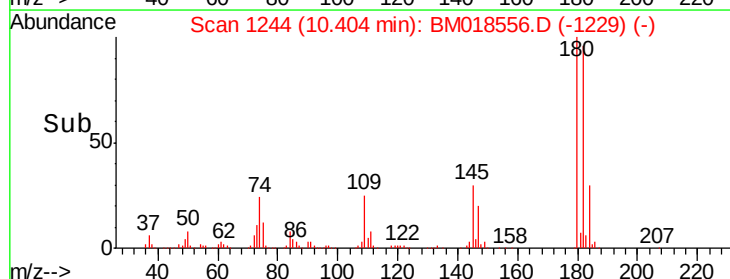
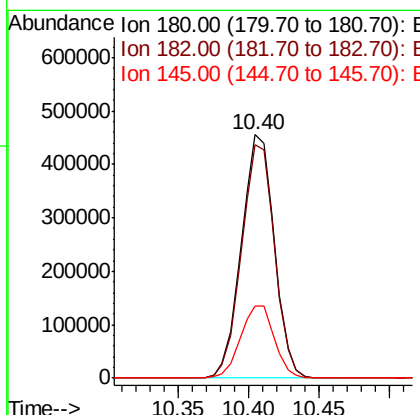
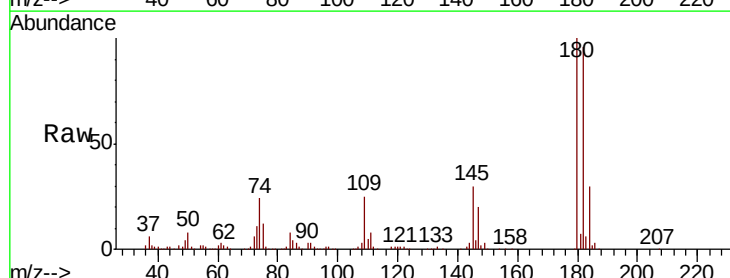
Manual Integrations
 APPROVED

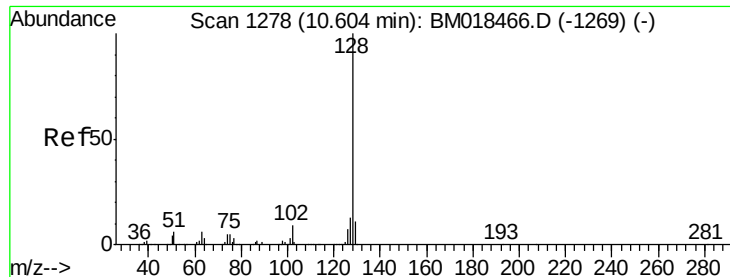
Sohil
 1/15/2019 12:20:08 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.452 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	744055		
182	96.0	77.4	116.2	
145	29.8	24.6	37.0	





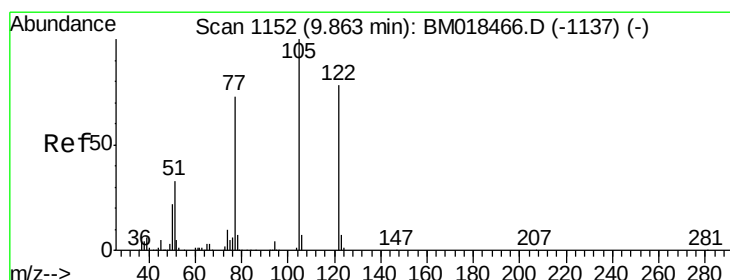
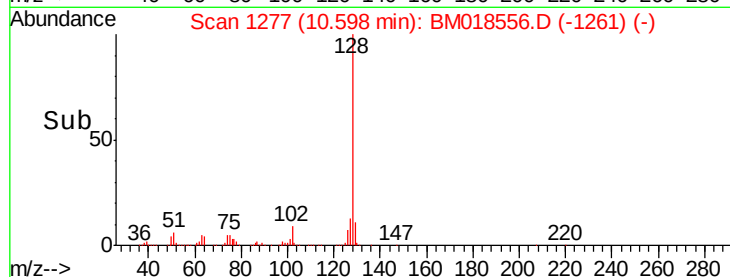
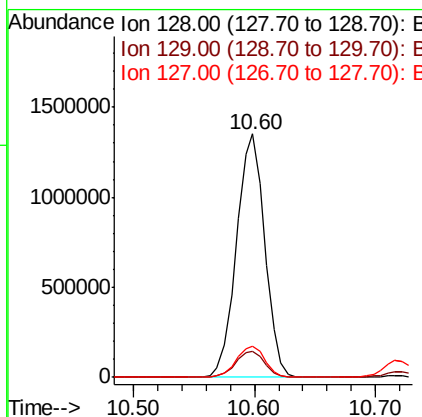
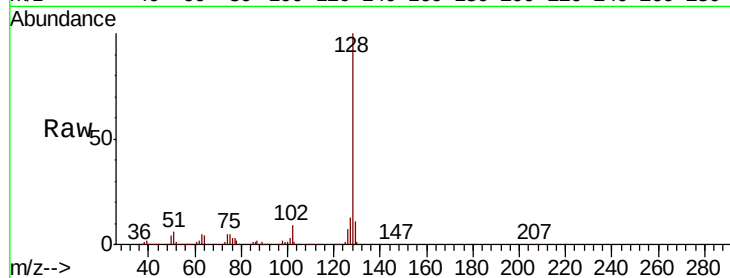
#31
Naphthalene
Concen: 44.125 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.9	10.8	16.2

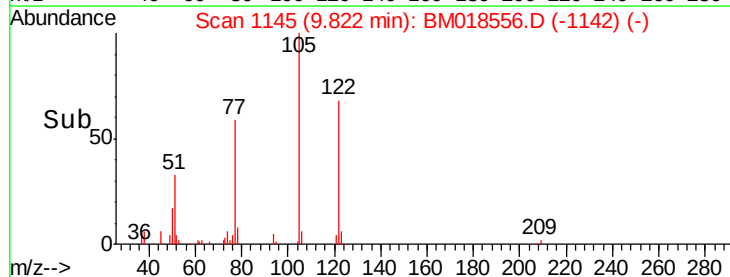
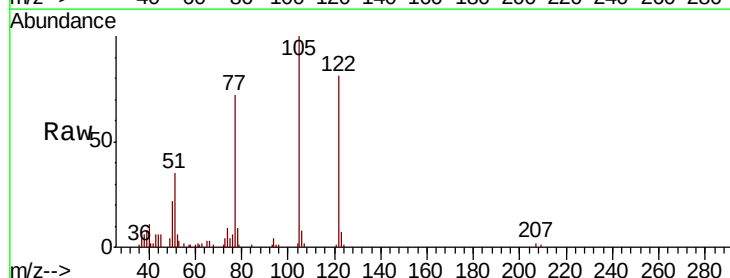
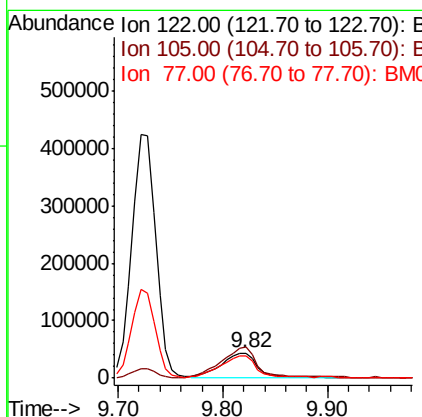
Manual Integrations
APPROVED

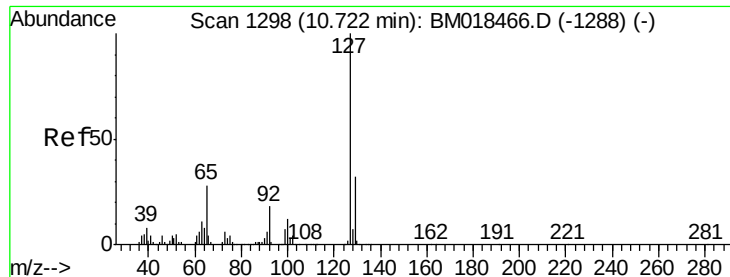
Sohil
1/15/2019 12:20:08 PM



#32
Benzoic acid
Concen: 16.442 ng m
RT: 9.82 min Scan# 1145
Delta R.T. -0.08 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	100.4	140.4
77	88.6	71.7	111.7





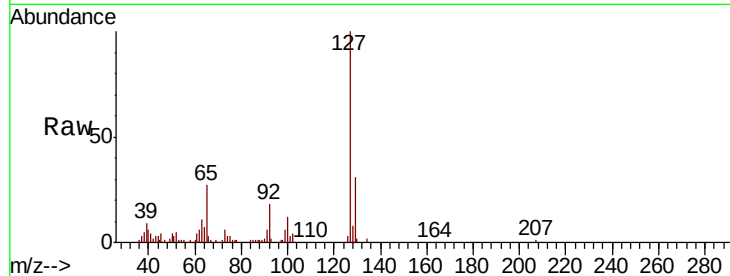
#33
4-Chloroaniline
Concen: 8.926 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampled :
QD-01-011019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	26.6	23.4	35.2		
92	18.2	14.5	21.7		

Manual Integrations
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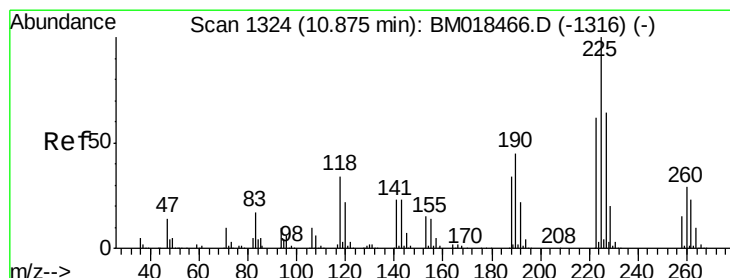
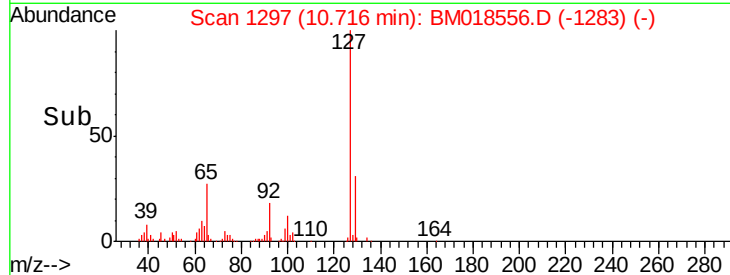
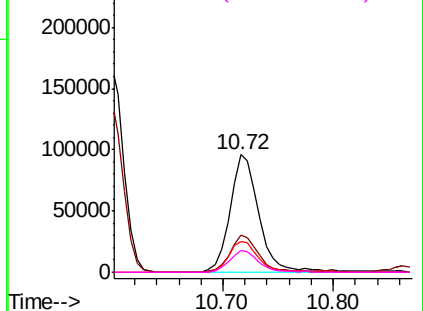
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 37.389 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

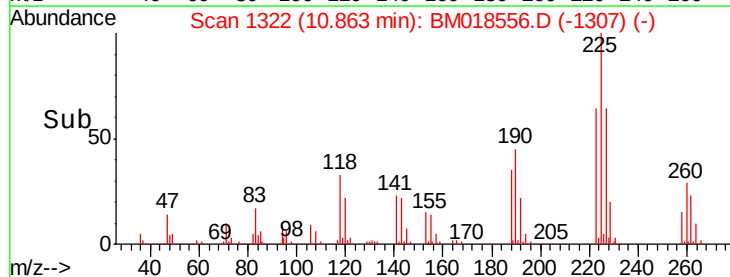
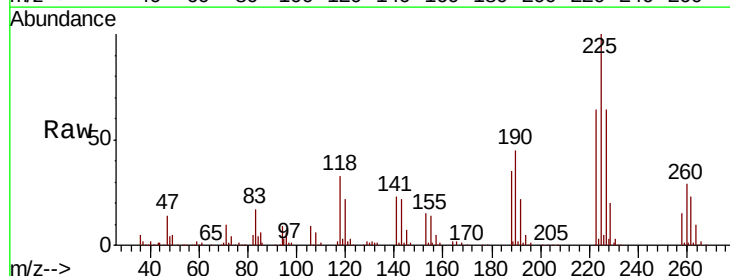
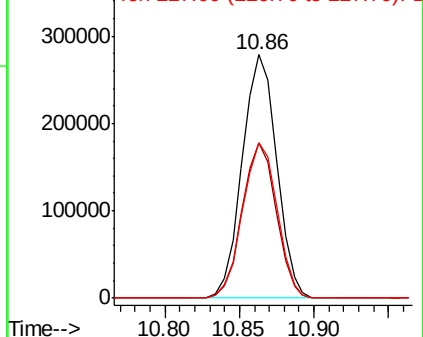
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.8	76.2		
227	63.9	50.4	75.6		

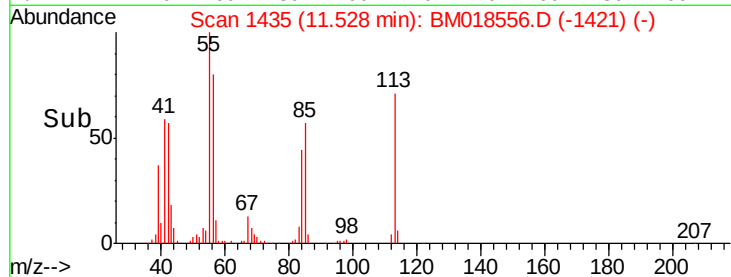
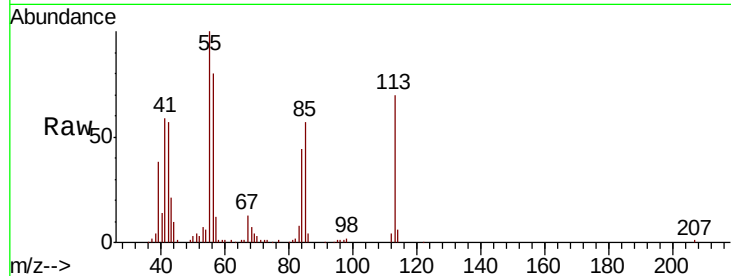
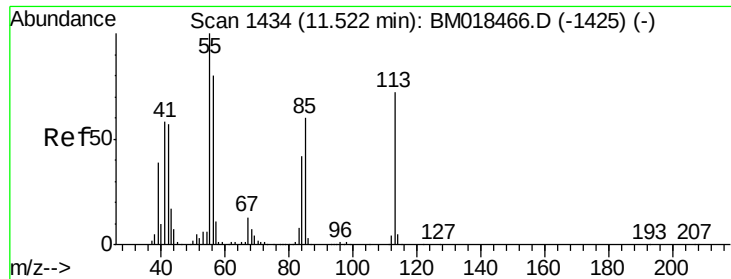
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





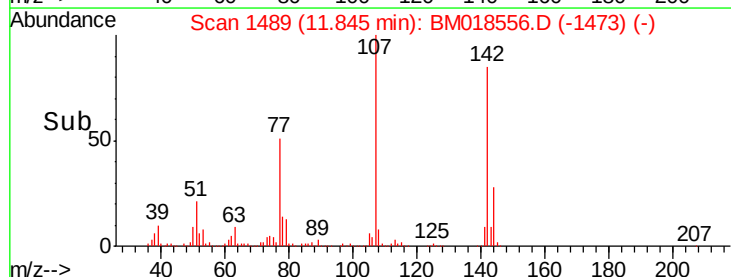
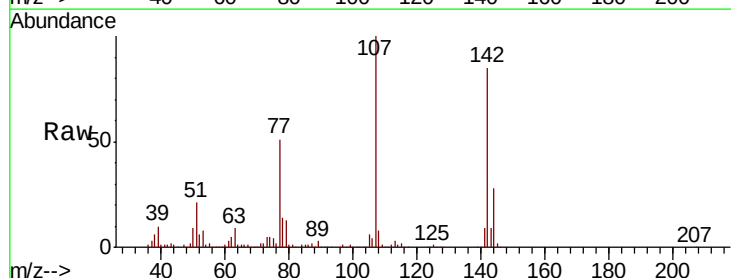
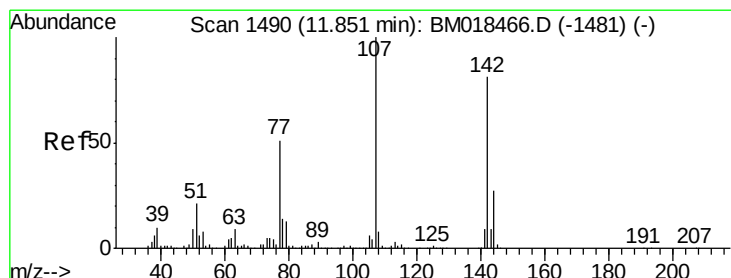
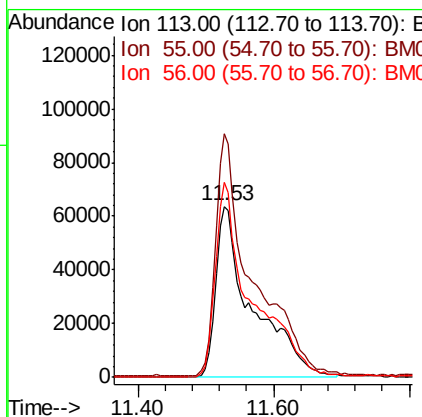
#35
Caprolactam
Concen: 46.085 ng/ml
RT: 11.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.3	139.3	179.3
56	113.7	101.4	141.4

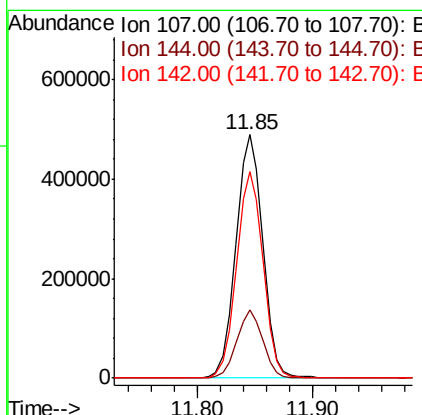
Manual Integrations
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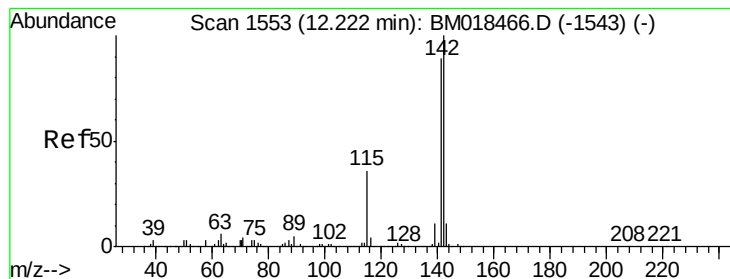
Sohil
1/15/2019 12:20:08 PM



#36
4-Chloro-3-methylphenol
Concen: 49.289 ng/ml
RT: 11.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	21.9	32.9
142	84.7	67.9	101.9





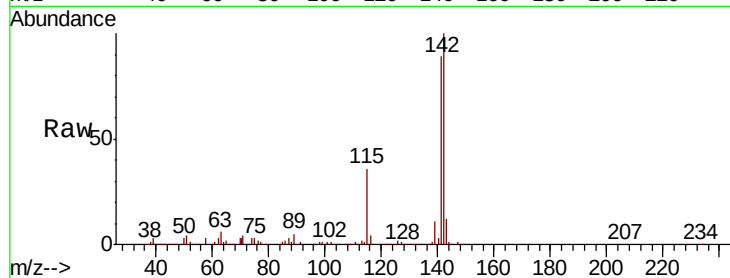
#37
2-Methylnaphthalene
Concen: 47.352 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	36.2	28.0	42.0

Manual Integrations
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1/15/2019 12:20:08 PM

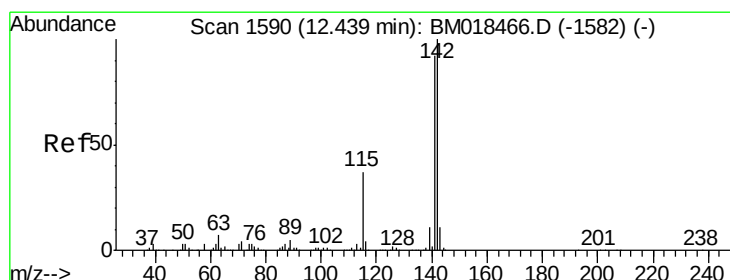
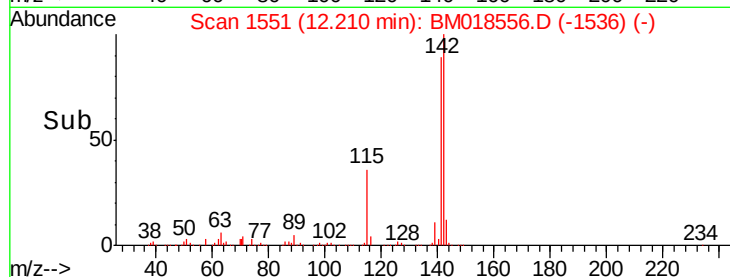
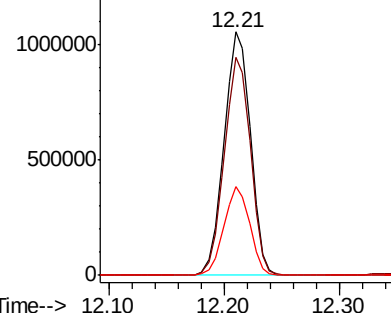


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.679 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

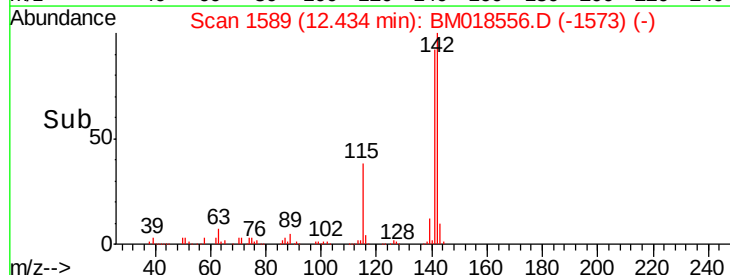
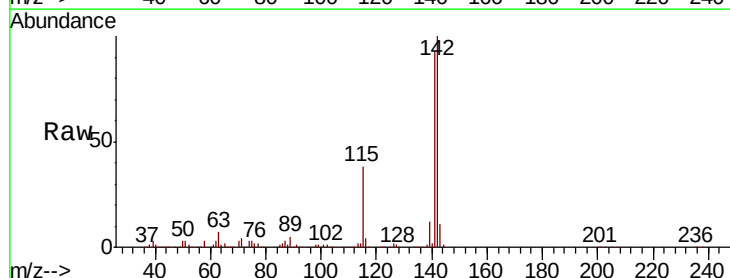
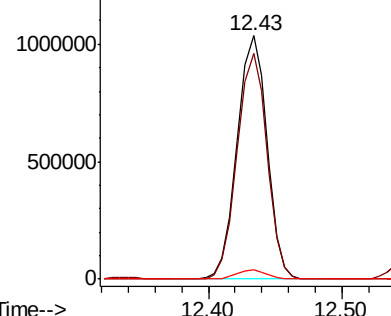
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.6	113.4
116	3.8	3.0	4.6

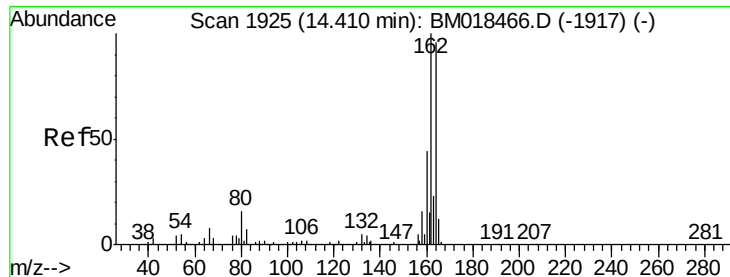
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





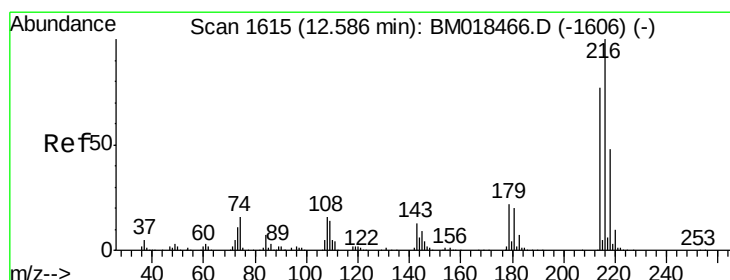
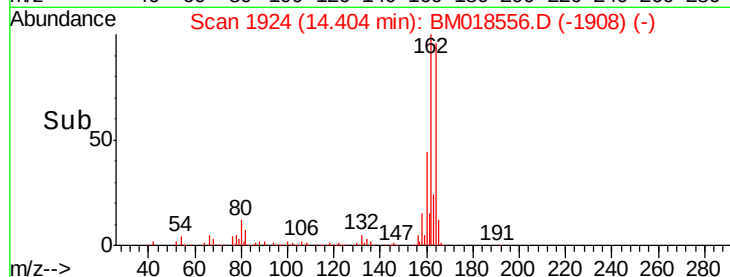
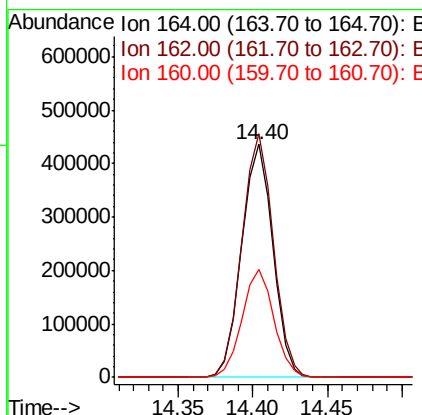
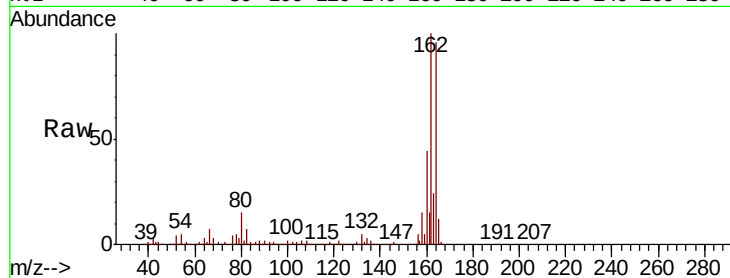
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion:	164	Resp:	630056
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.0	124.4
160	46.4	37.1	55.7

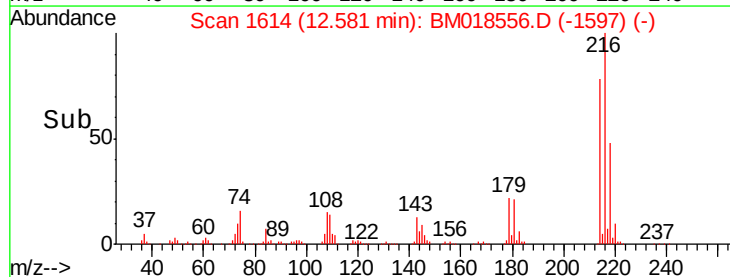
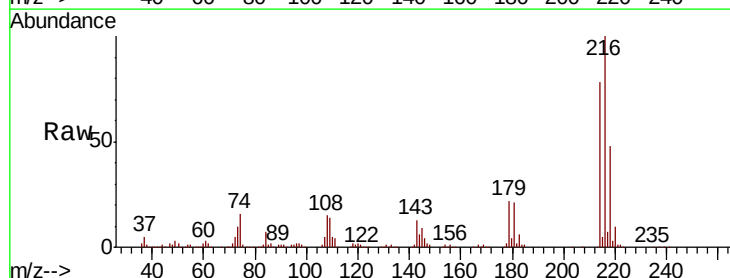
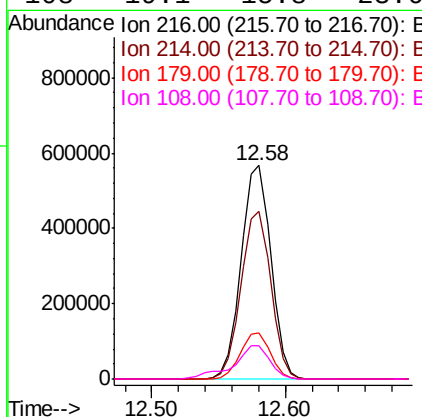
Manual Integrations
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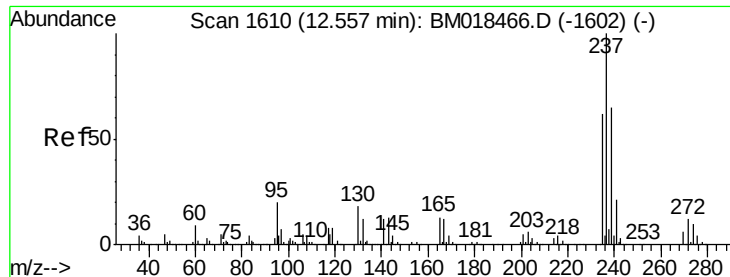
Sohil
1/15/2019 12:20:08 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.478 ng
RT: 12.58 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:	216	Resp:	869819
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.0
179	21.7	17.9	26.9
108	19.1	15.8	23.6





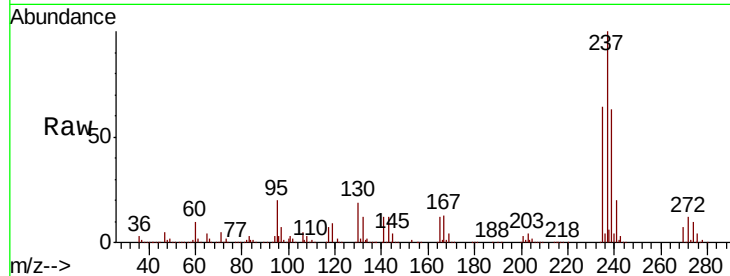
#41
Hexachlorocyclopentadiene
Concen: 77.336 ng
RT: 12.55 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	935162		
235	63.6	42.8	82.8	
272	12.1	0.0	31.9	

Manual Integrations
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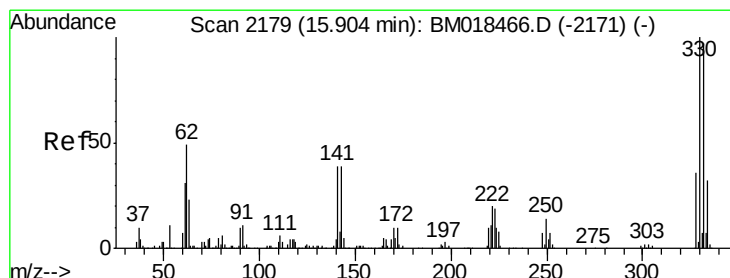
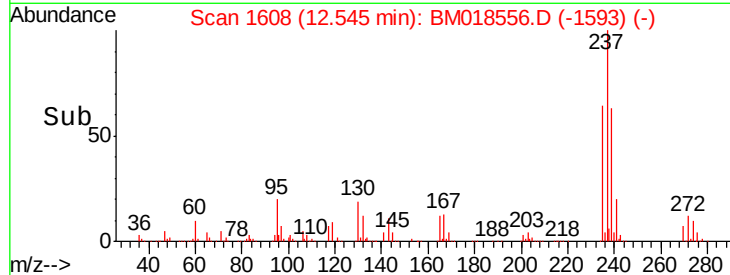
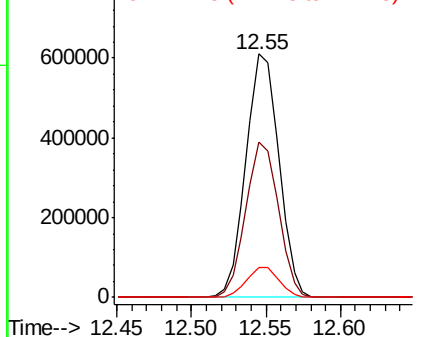


Abundance

Ion 236.80 (236.50 to 237.50): E

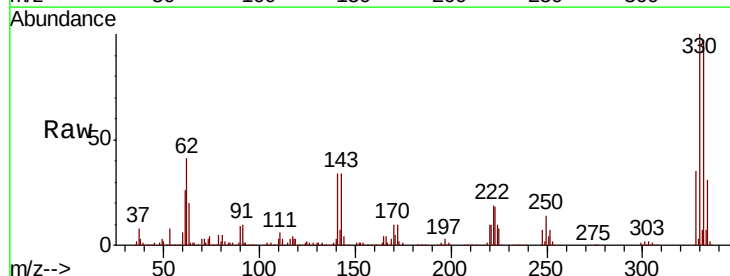
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 206.074 ng
RT: 15.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1653203		
332	96.9	77.6	116.4	
141	37.6	31.7	47.5	

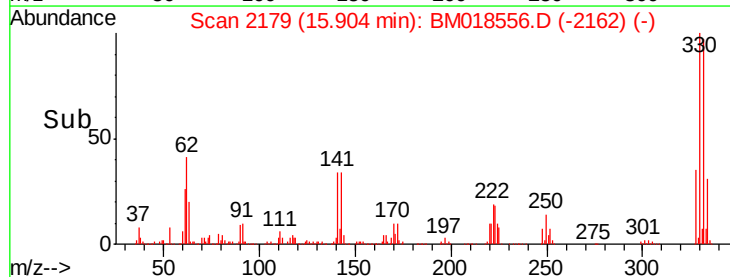
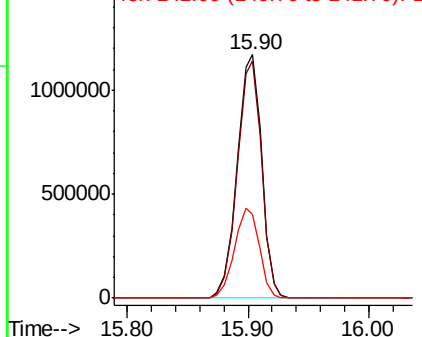


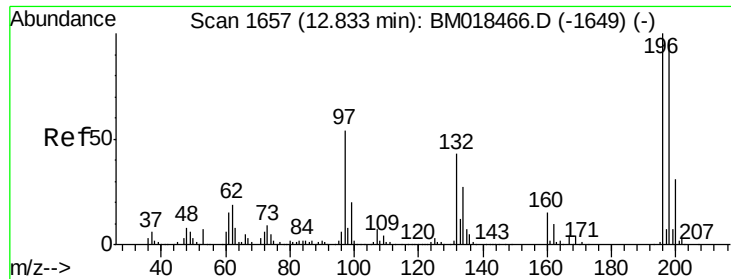
Abundance

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





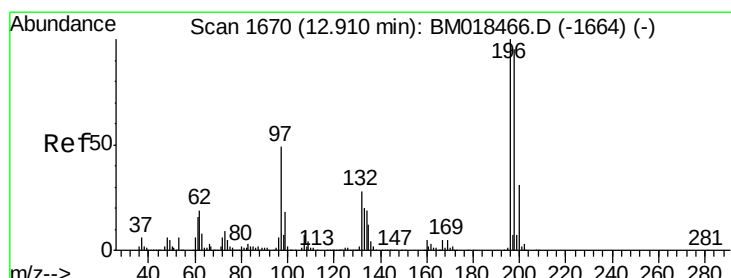
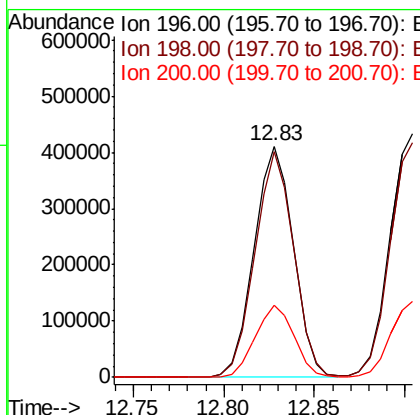
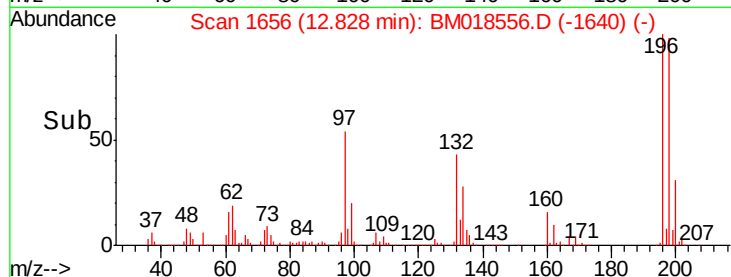
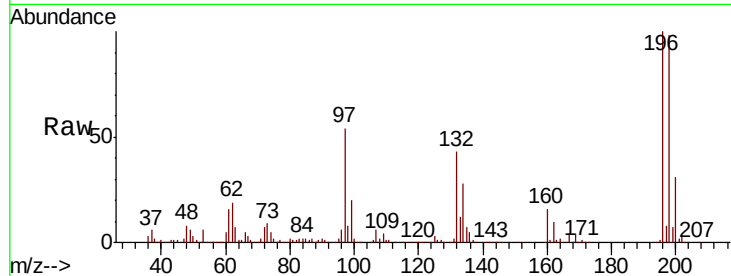
#43
2,4,6-Trichlorophenol
Concen: 46.225 ng
RT: 12.83 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	618477		
198	97.8	76.6	115.0	
200	31.0	24.2	36.4	

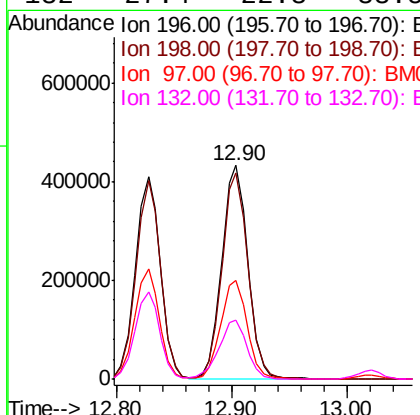
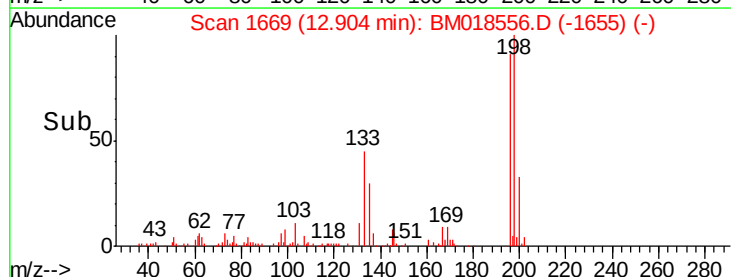
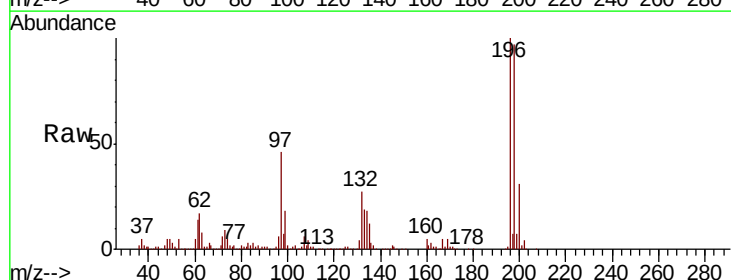
Manual Integrations
APPROVED

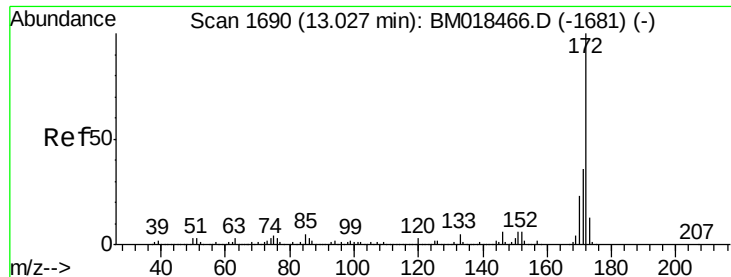
Sohil
1/15/2019 12:20:08 PM



#44
2,4,5-Trichlorophenol
Concen: 47.922 ng
RT: 12.90 min Scan# 1669
Delta R.T. -0.02 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	674329		
198	96.6	76.7	115.1	
97	46.2	39.2	58.8	
132	27.4	22.3	33.5	





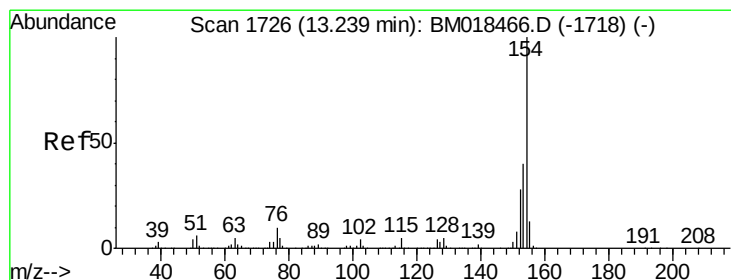
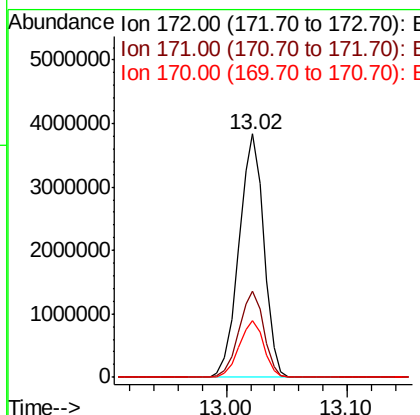
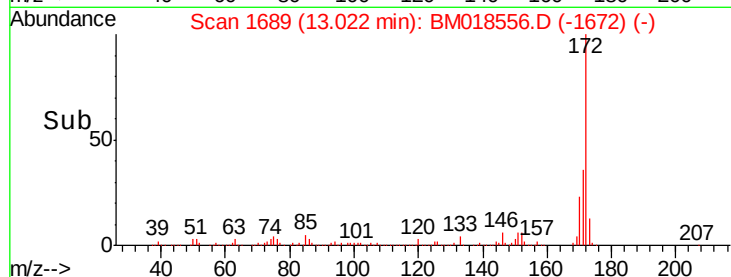
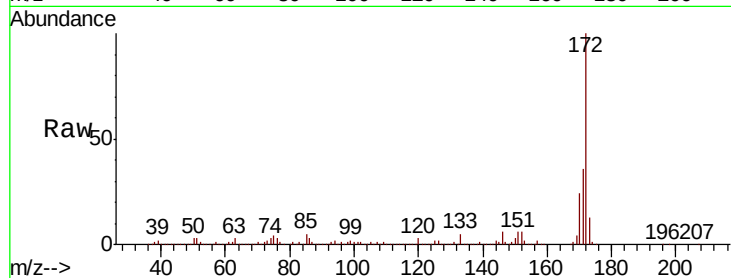
#45
2-Fluorobiphenyl
Concen: 113.913 ng
RT: 13.02 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.5	18.9	28.3

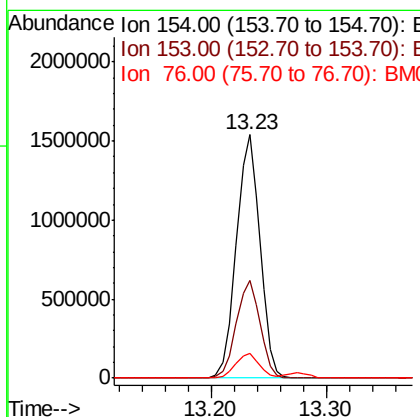
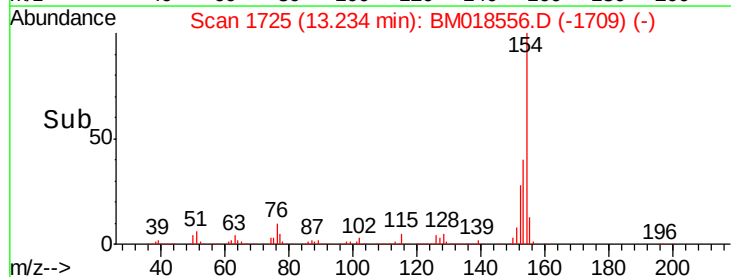
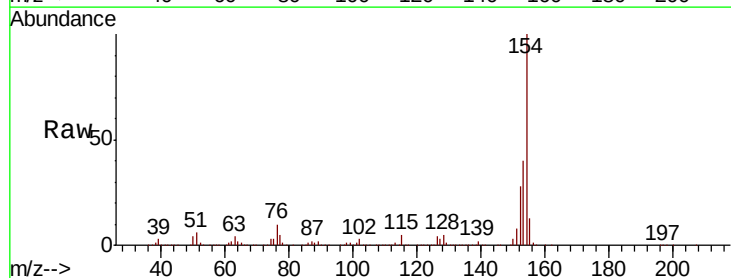
Manual Integrations
APPROVED

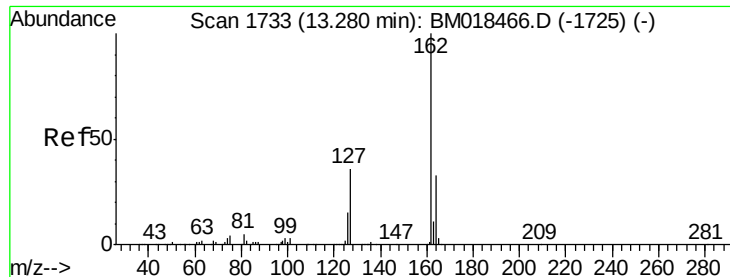
Sohil
1/15/2019 12:20:08 PM



#46
1,1'-Biphenyl
Concen: 39.365 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	10.1	0.0	31.9





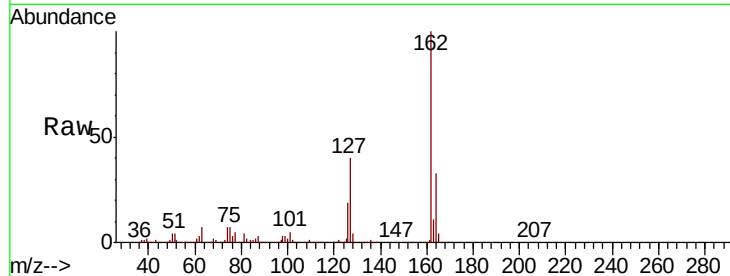
#47
2-Chloronaphthalene
Concen: 39.441 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.4	47.0
164	32.5	26.2	39.4

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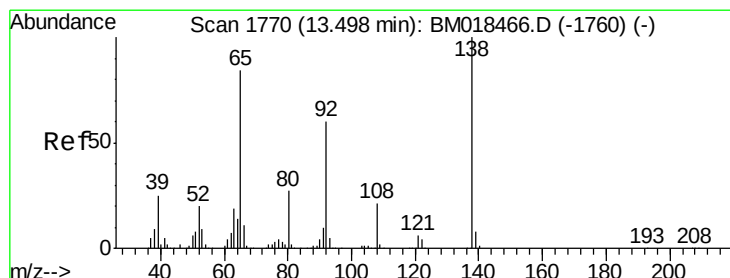
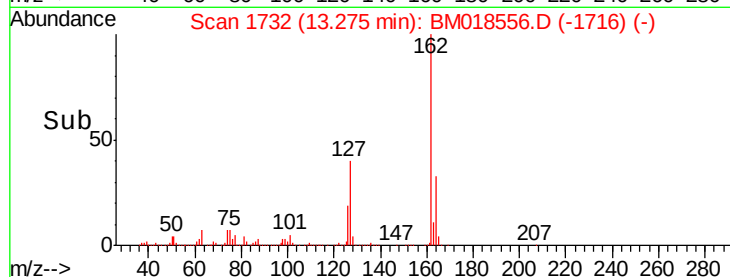
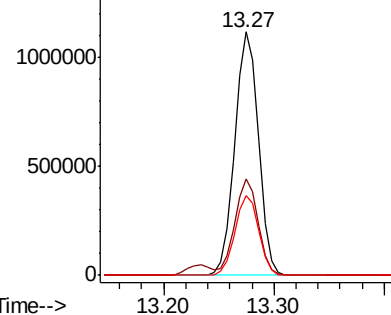


Abundance

Ion 162.00 (161.70 to 162.70): E

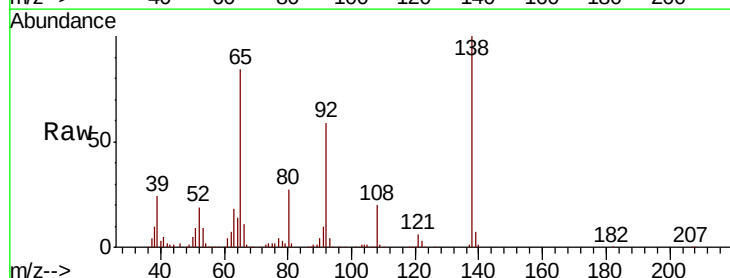
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.555 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	53.4	80.2
138	119.2	88.9	133.3

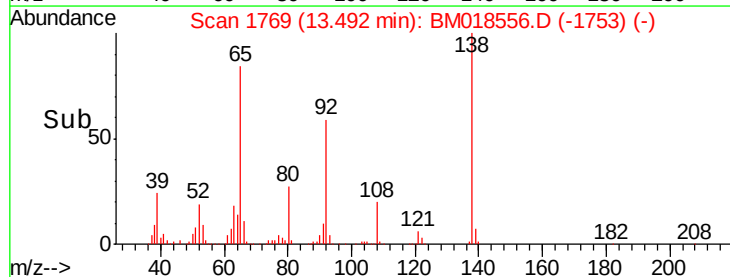
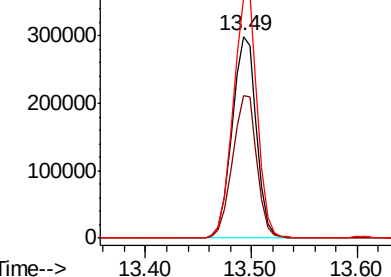


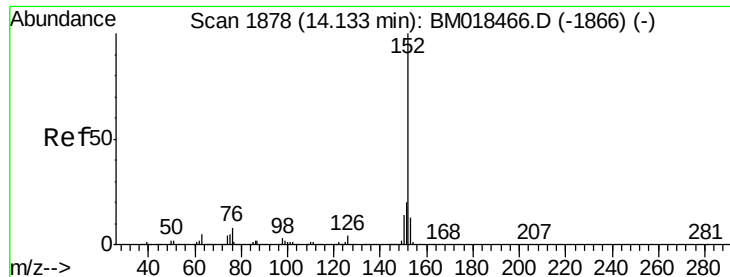
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.753 ng

RT: 14.13 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:152 Resp: 2782297

Ion Ratio Lower Upper

152 100

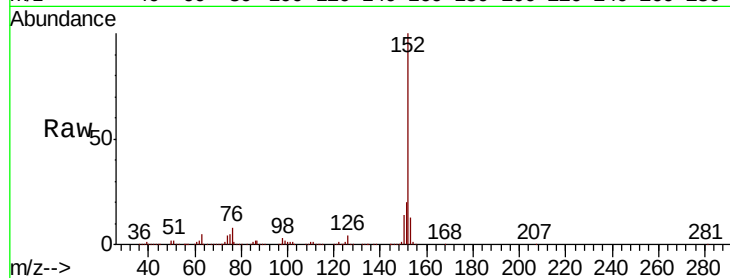
151 20.1 15.7 23.5

153 13.0 10.5 15.7

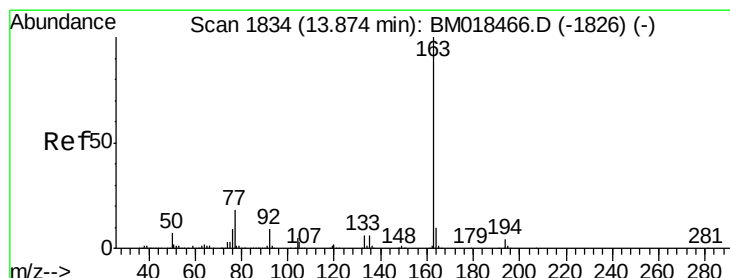
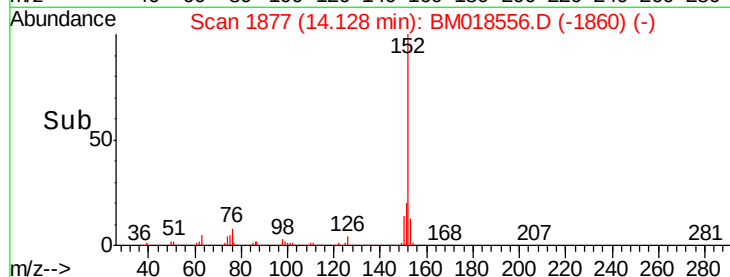
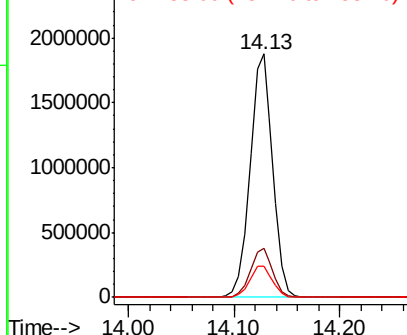
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 71.343 ng

RT: 13.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

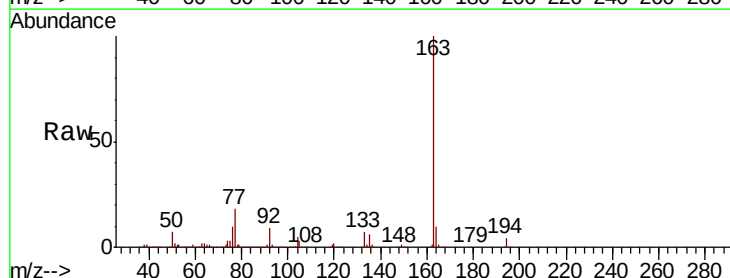
Tgt Ion:163 Resp: 3691612

Ion Ratio Lower Upper

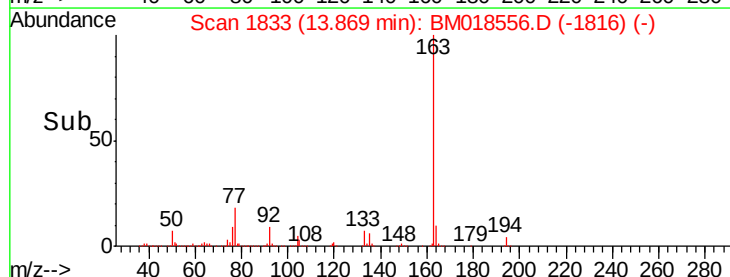
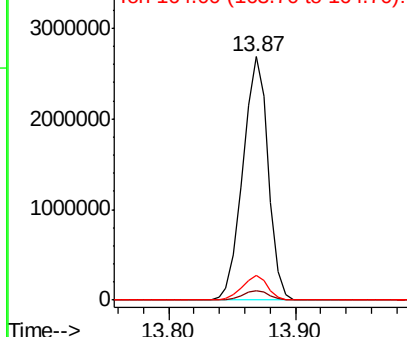
163 100

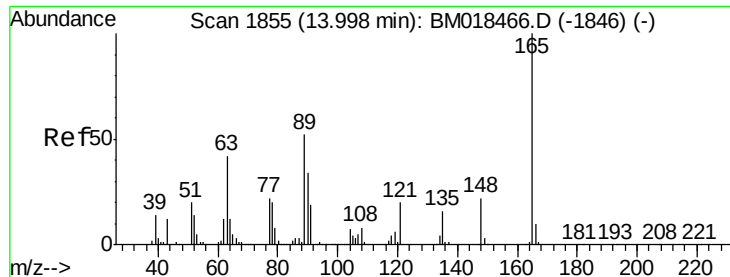
194 4.0 3.0 4.6

164 10.1 7.8 11.8



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





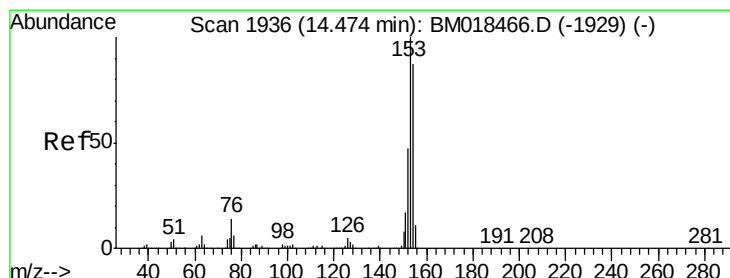
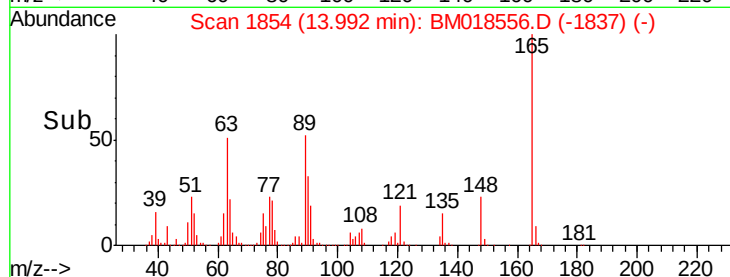
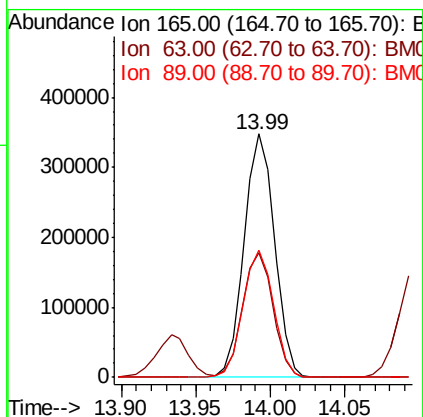
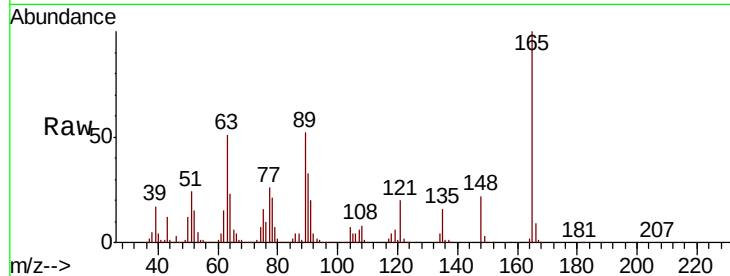
#51
2,6-Dinitrotoluene
Concen: 44.770 ng
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	45.6	68.4
89	52.1	44.6	66.8

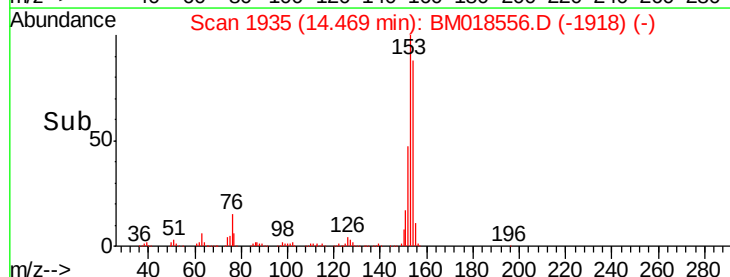
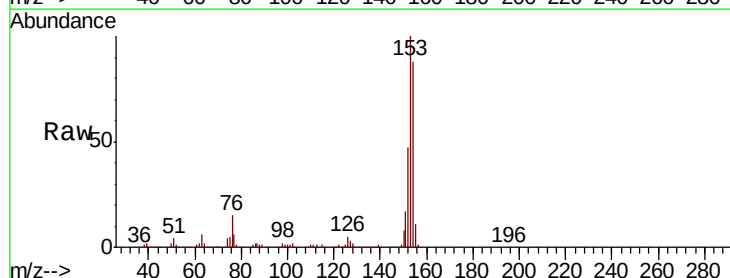
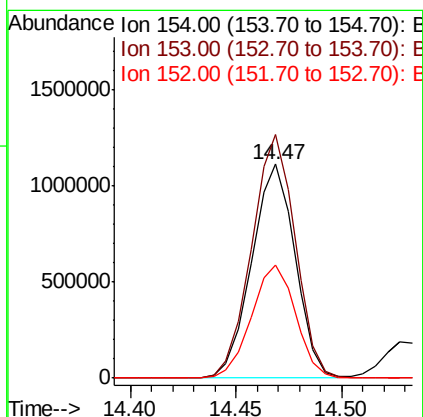
Manual Integrations
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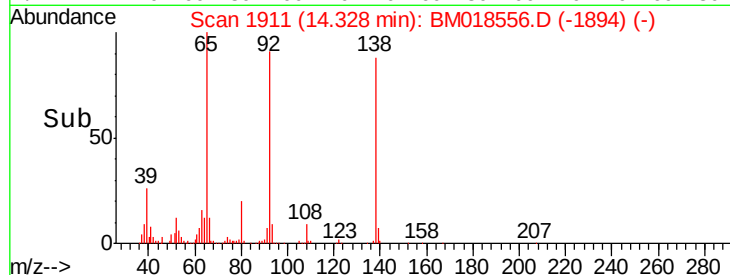
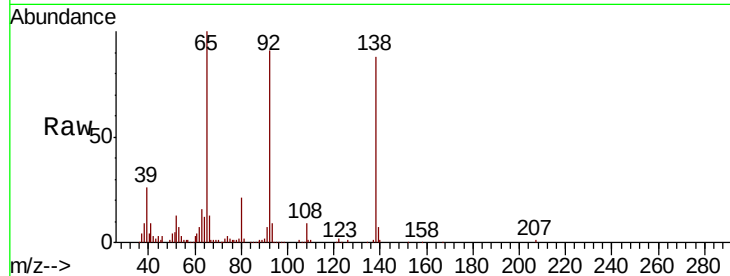
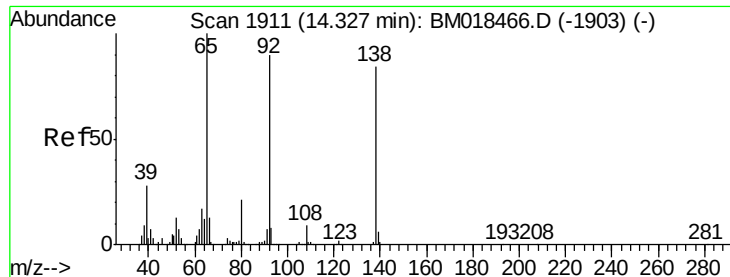
Sohil
1/15/2019 12:20:08 PM



#52
Acenaphthene
Concen: 41.913 ng
RT: 14.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	92.3	138.5
152	53.1	43.8	65.6





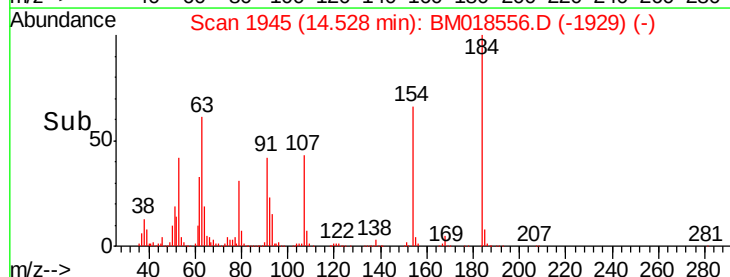
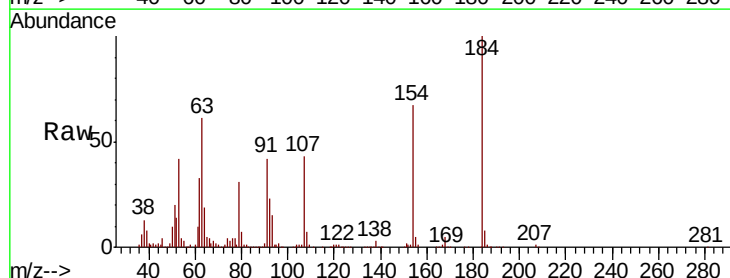
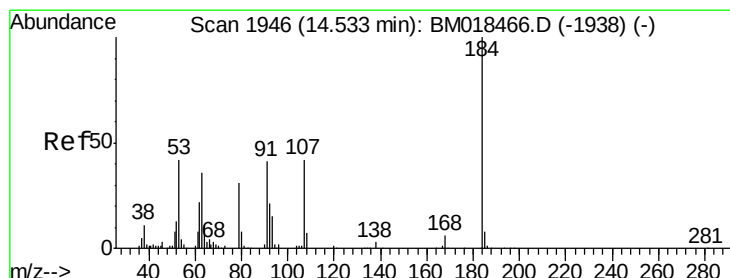
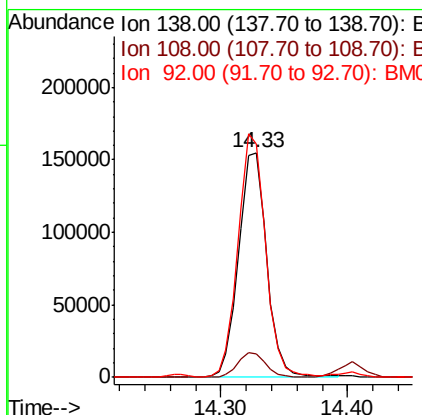
#53
3-Nitroaniline
Concen: 21.612 ng
RT: 14.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	103.8	88.2	132.2

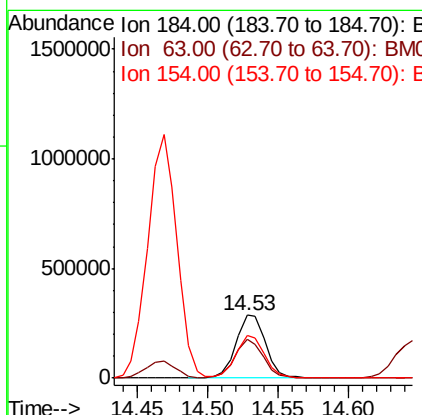
Manual Integrations
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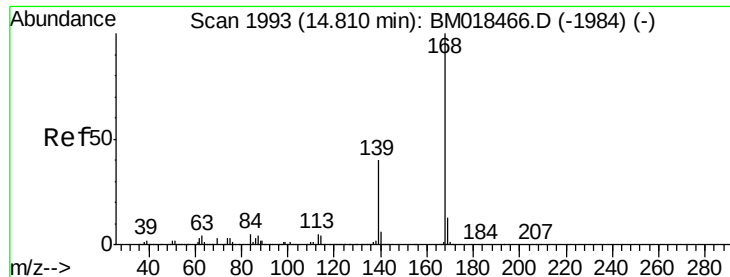
Sohil
1/15/2019 12:20:08 PM



#54
2,4-Dinitrophenol
Concen: 71.600 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	55.9	83.9
154	66.7	54.2	81.4





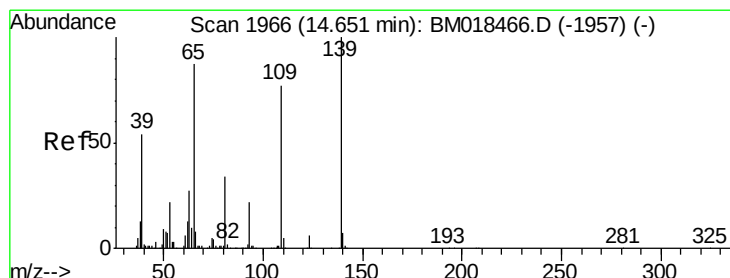
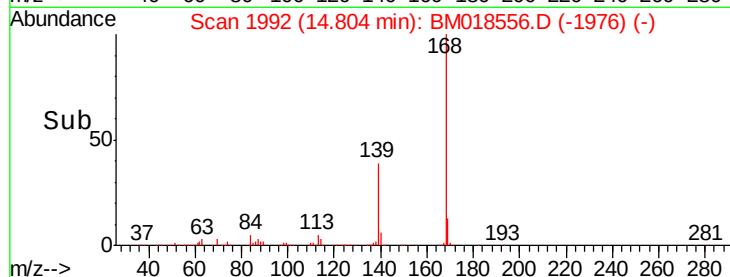
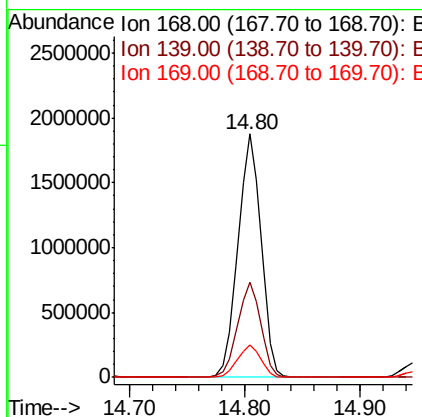
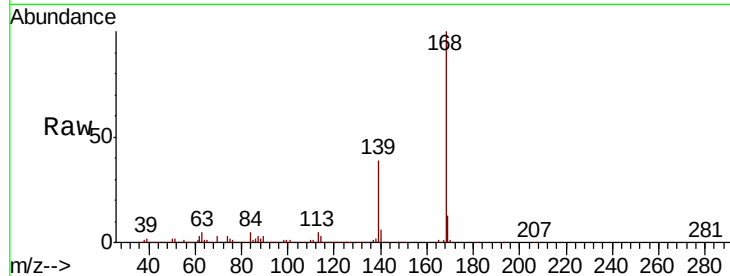
#55
Dibenzofuran
Concen: 41.377 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.3	45.5
169	13.3	10.6	16.0

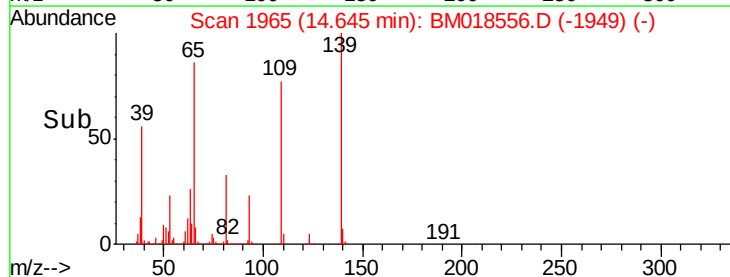
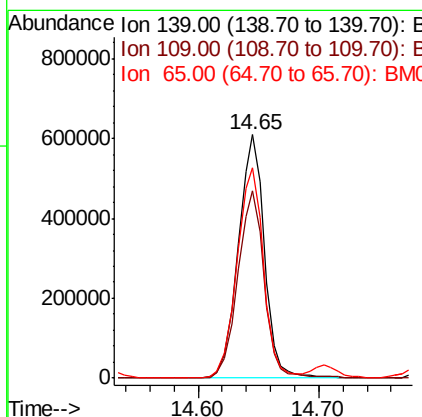
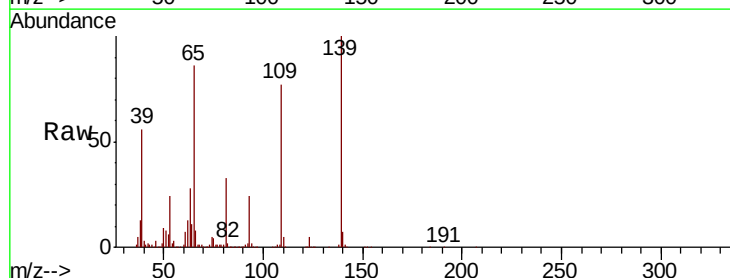
Manual Integrations
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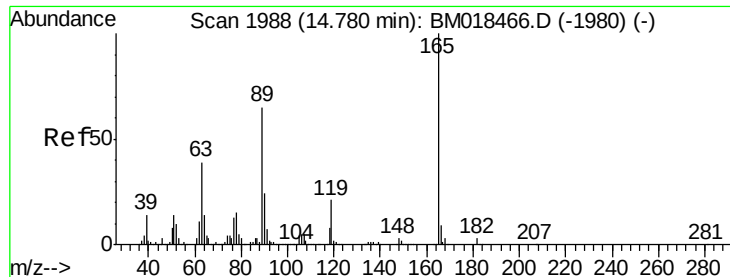
Sohil
1/15/2019 12:20:08 PM



#56
4-Nitrophenol
Concen: 96.618 ng
RT: 14.65 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.9	51.7	91.7
65	86.2	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 45.501 ng

RT: 14.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

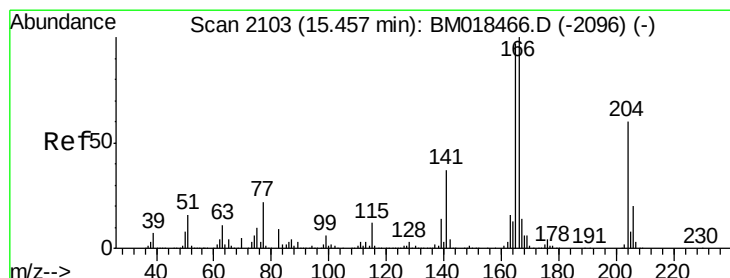
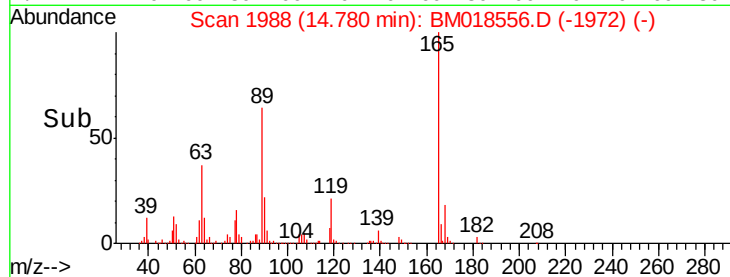
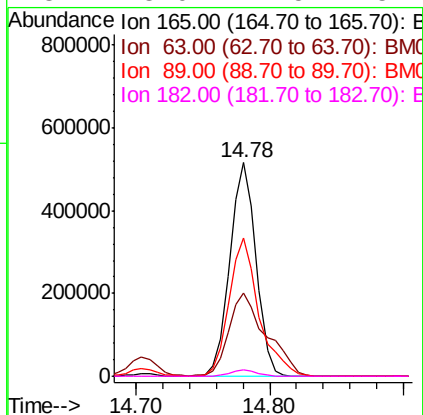
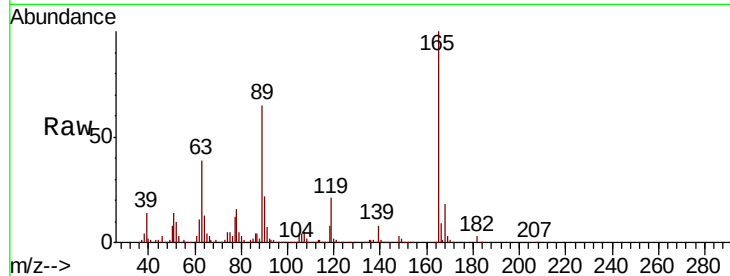
ClientSampleId :

QD-01-011019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		705643		
63	39.1		32.2	48.2	
89	64.5		52.1	78.1	
182	3.0		2.5	3.7	

Manual Integrations
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1/15/2019 12:20:08 PM



#58

Fluorene

Concen: 45.466 ng

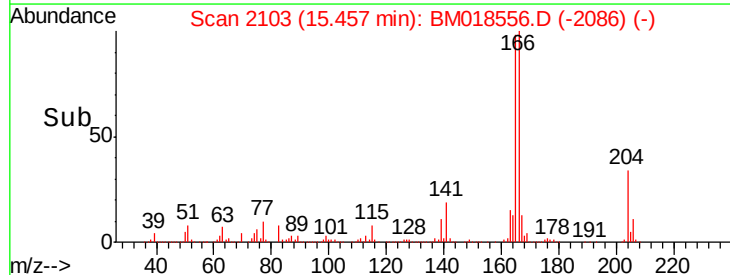
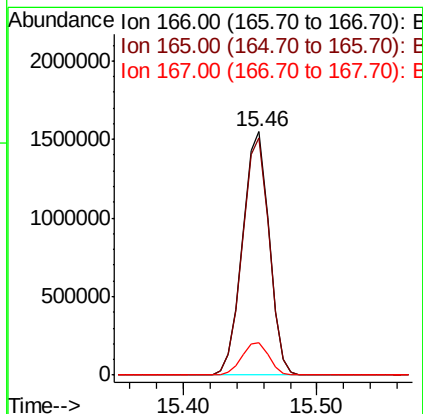
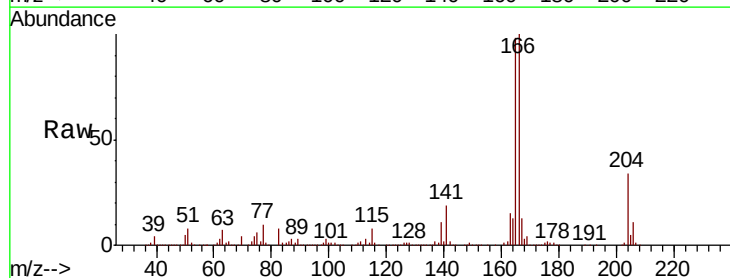
RT: 15.46 min Scan# 2103

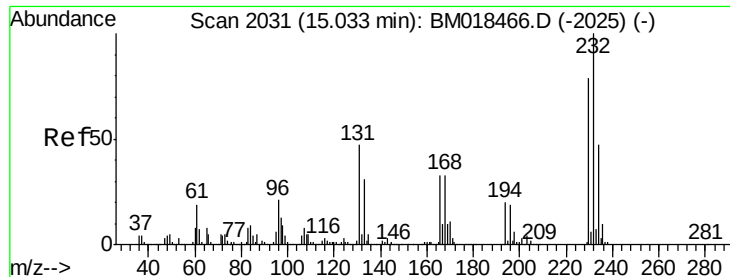
Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2128748		
165	97.6		78.3	117.5	
167	13.1		10.9	16.3	





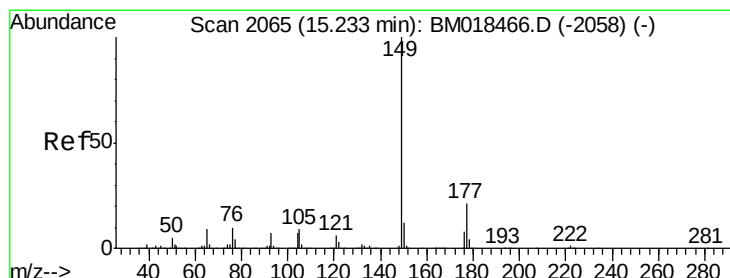
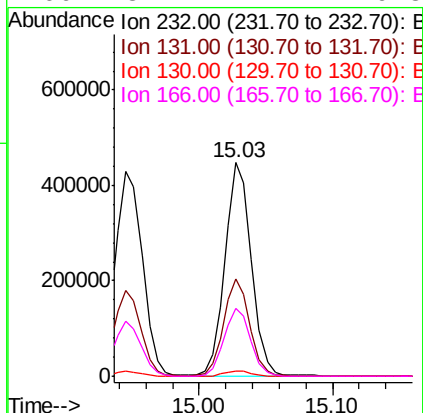
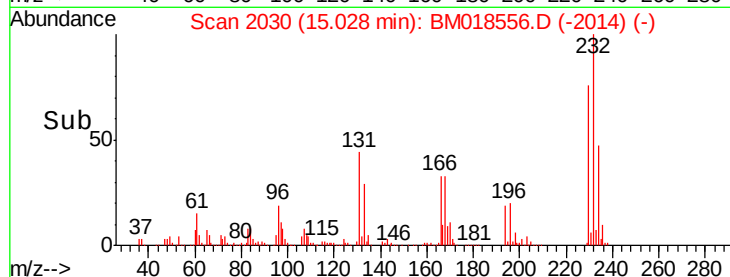
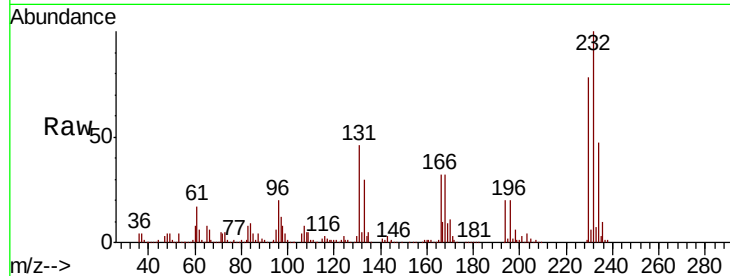
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.461 ng
RT: 15.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	38.6	57.8
130	2.6	2.2	3.4
166	32.2	27.2	40.8

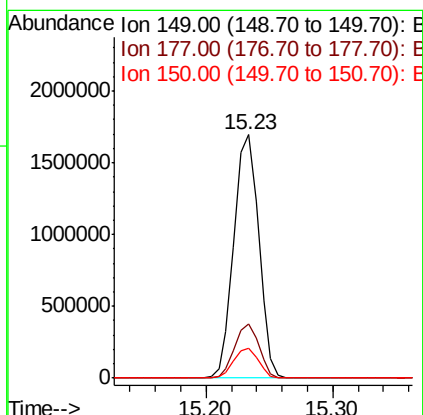
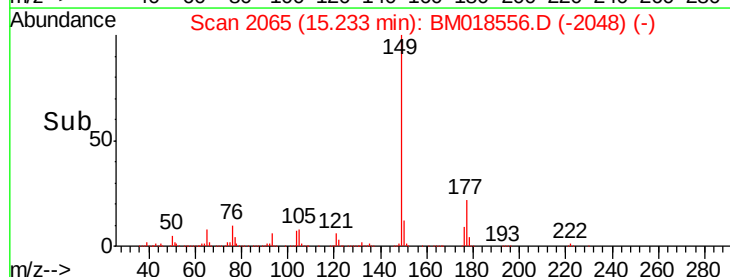
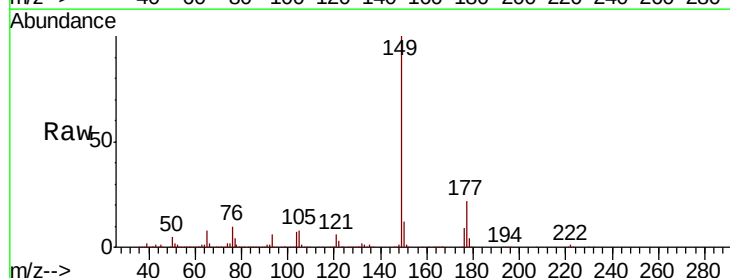
Manual Integrations
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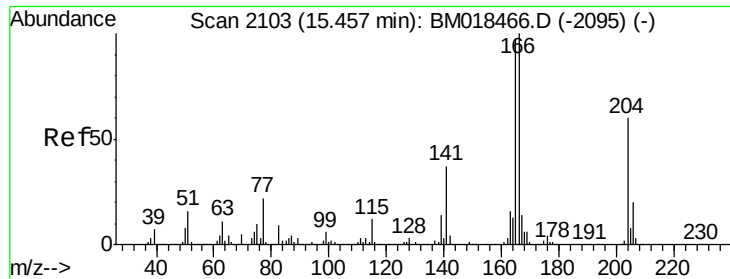
Sohil
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#60
Diethylphthalate
Concen: 44.064 ng
RT: 15.23 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.5	9.8	14.6





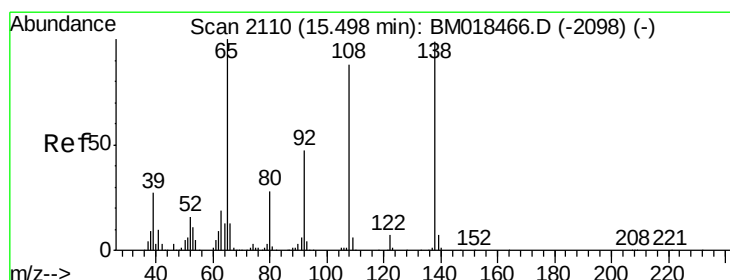
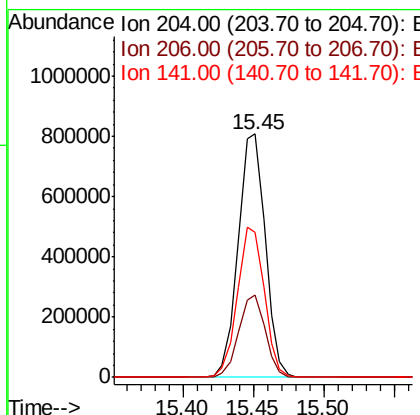
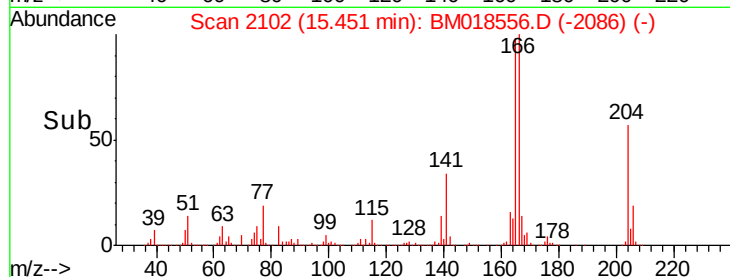
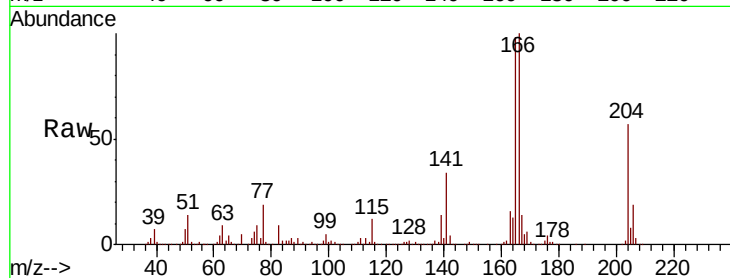
#61
4-Chlorophenyl-phenylether
Concen: 40.088 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	59.8	49.5	74.3

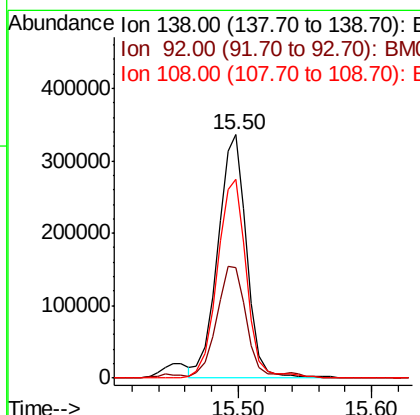
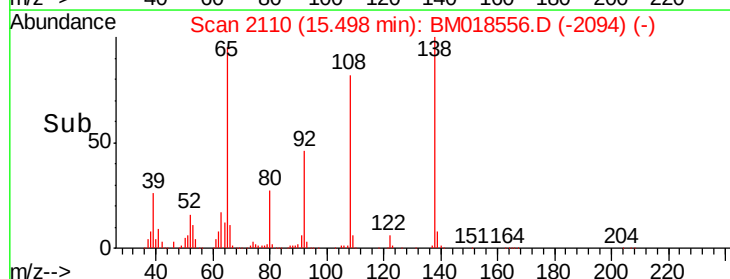
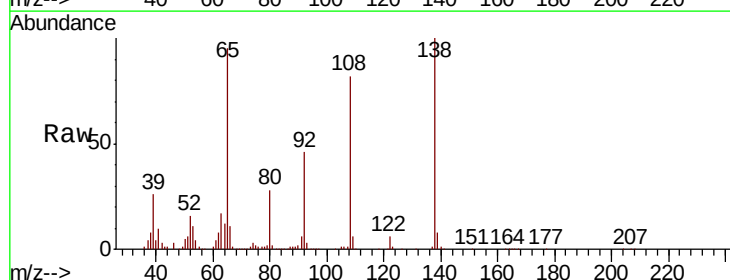
Manual Integrations
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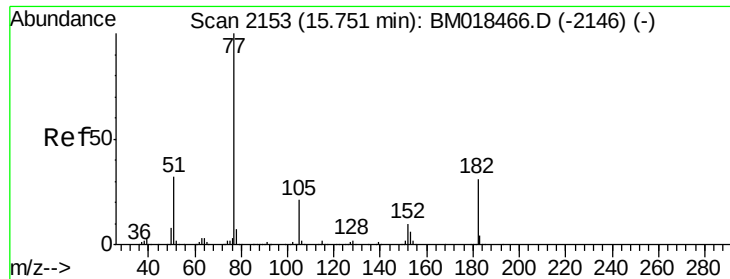
Sohil
1/15/2019 12:20:08 PM



#62
4-Nitroaniline
Concen: 41.768 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	29.0	69.0
108	81.9	63.9	103.9





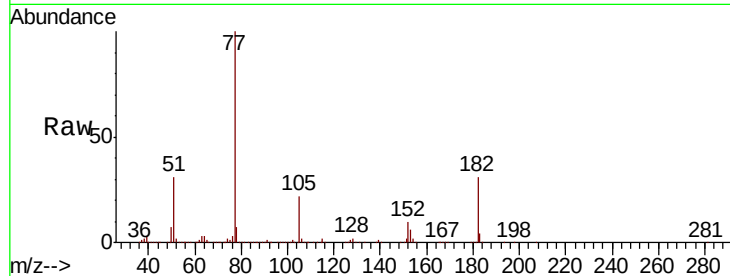
#63
Azobenzene
Concen: 42.423 ng
RT: 15.75 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.2	7.4	47.4	
105	21.5	0.0	39.6	
51	31.2	12.0	52.0	

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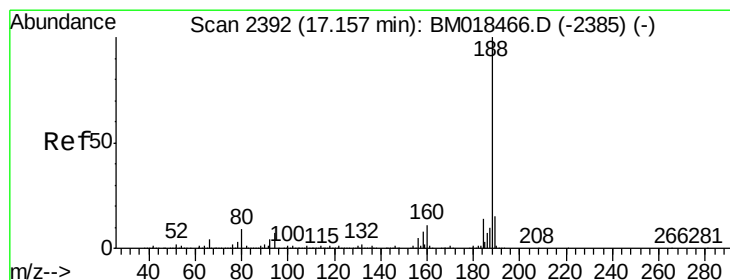
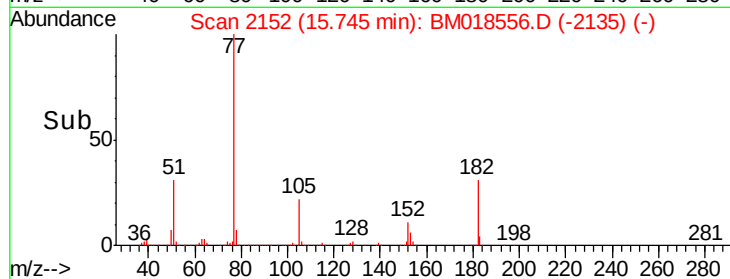
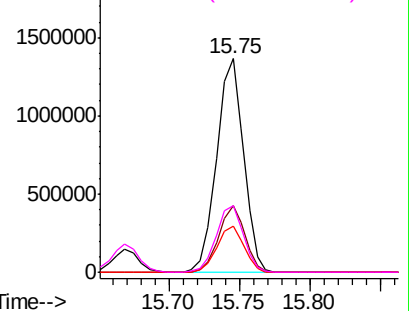
Abundance

Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

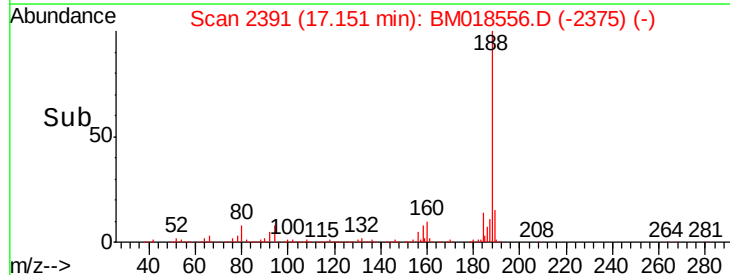
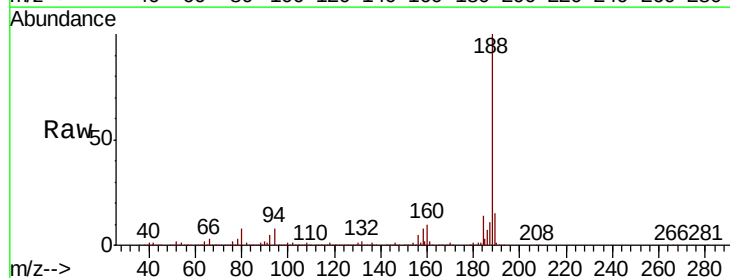
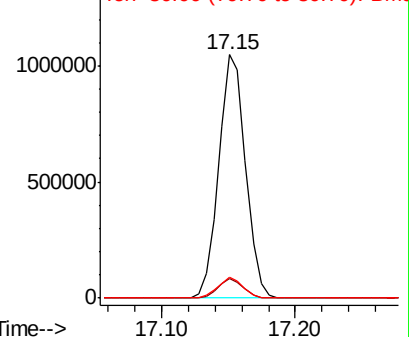
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	7.1	10.7	
80	8.3	7.6	11.4	

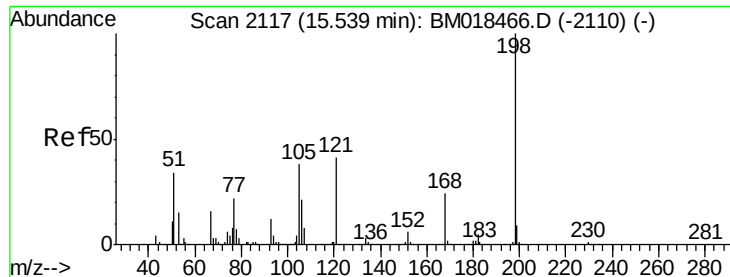
Abundance

Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)





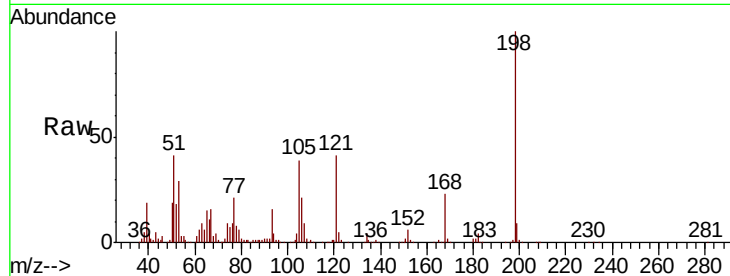
#65
4,6-Dinitro-2-methylphenol
Concen: 42.020 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	385529		
51	40.9		29.6	69.6
105	39.1		25.5	65.5

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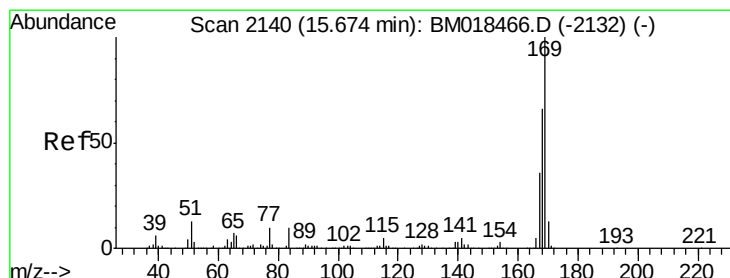
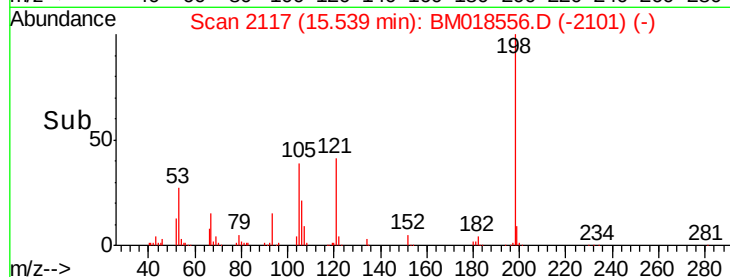
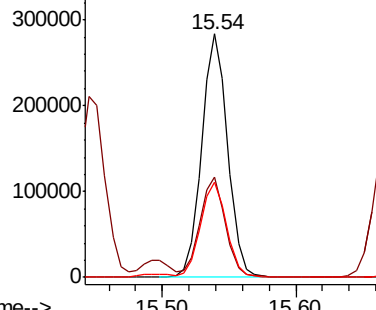


Abundance

Ion 198.00 (197.70 to 198.70): E

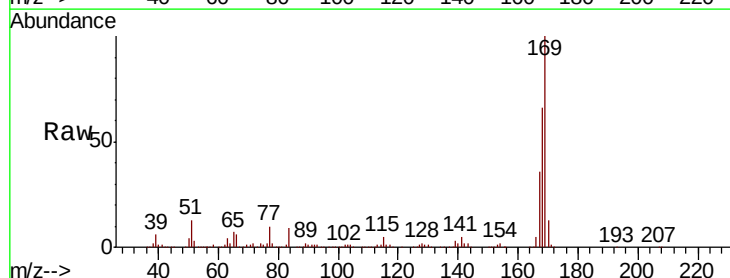
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 41.856 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1903169		
168	65.8		54.1	81.1
167	35.5		28.6	42.8

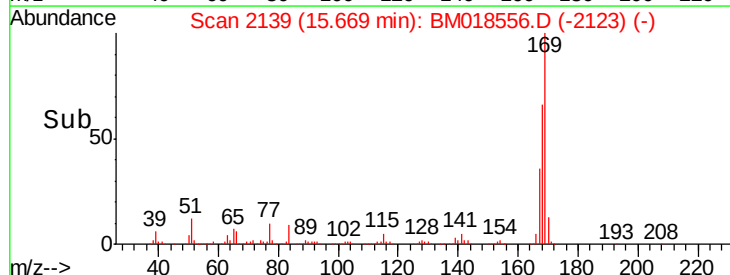
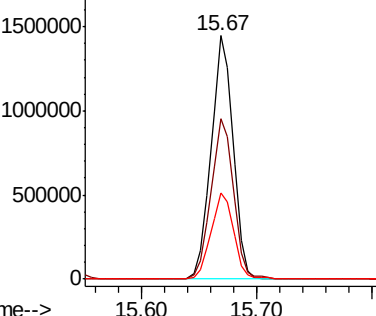


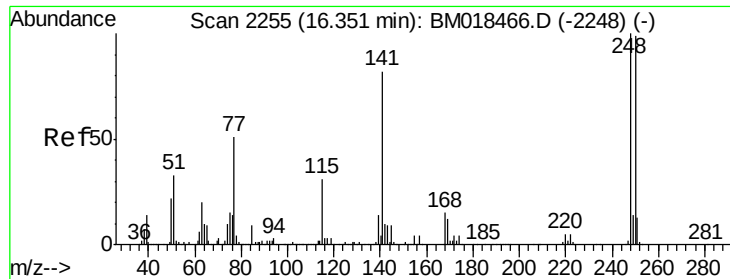
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





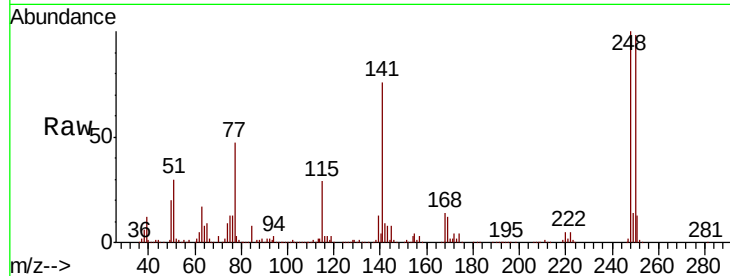
#67
4-Bromophenyl-phenylether
Concen: 41.014 ng
RT: 16.35 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.0	114.0
141	76.5	61.5	92.3

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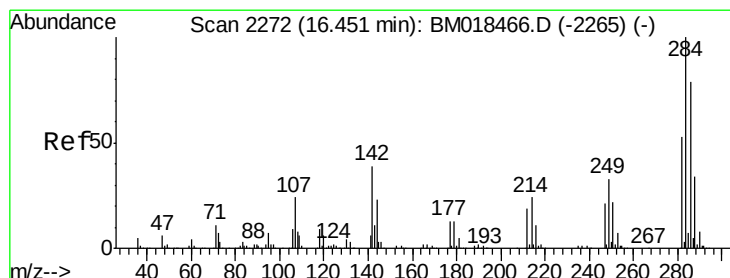
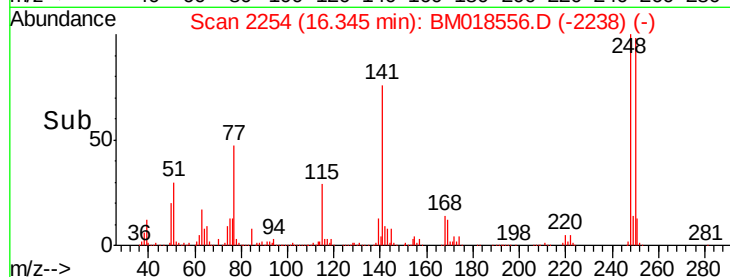
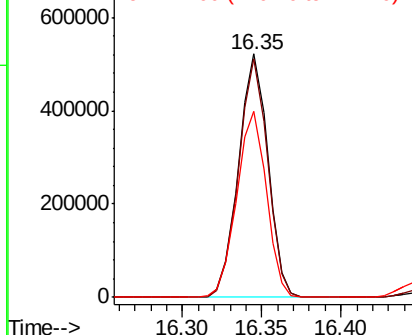


Abundance

Ion 248.00 (247.70 to 248.70): E

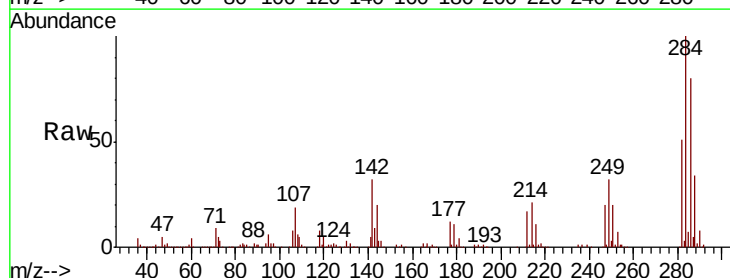
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.747 ng
RT: 16.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.2	43.8
249	31.6	26.1	39.1

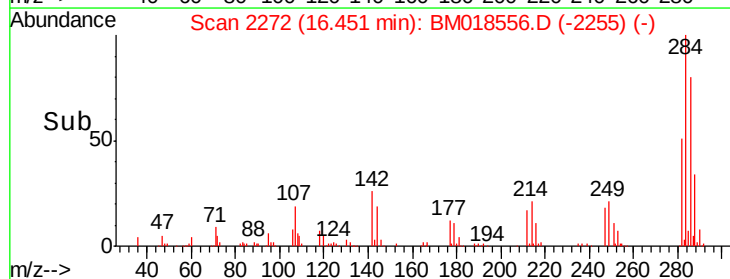
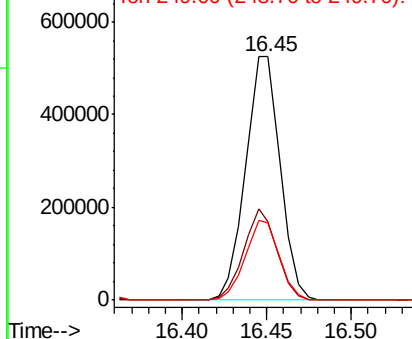


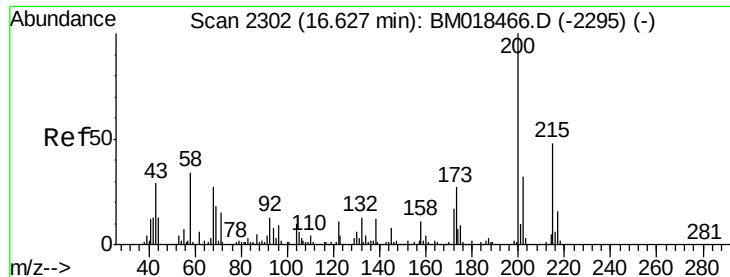
Abundance

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





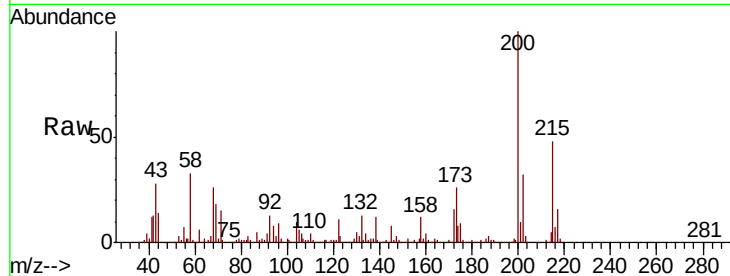
#69
Atrazine
Concen: 44.189 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.2	47.2
215	48.0	28.3	68.3

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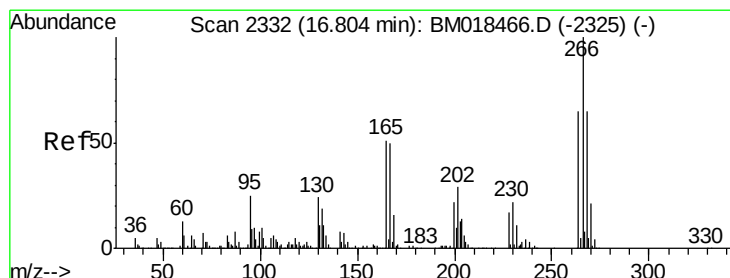
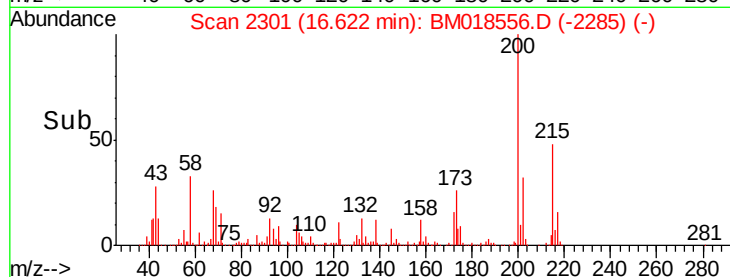
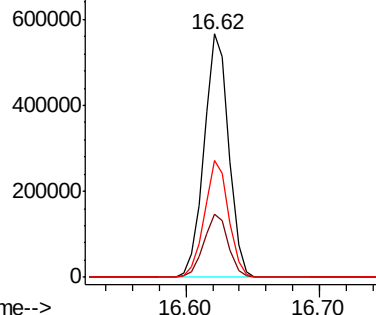


Abundance

Ion 200.00 (199.70 to 200.70): E

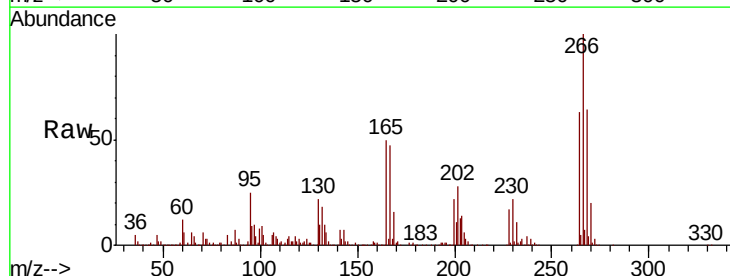
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 79.888 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.8	74.6
264	63.4	50.1	75.1

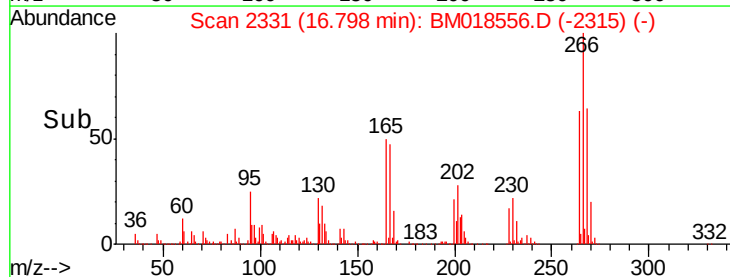
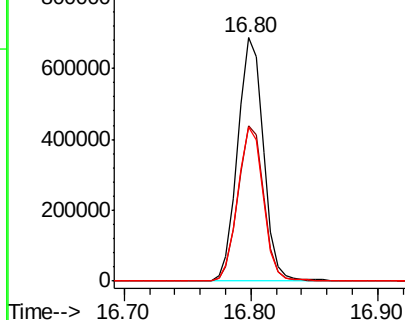


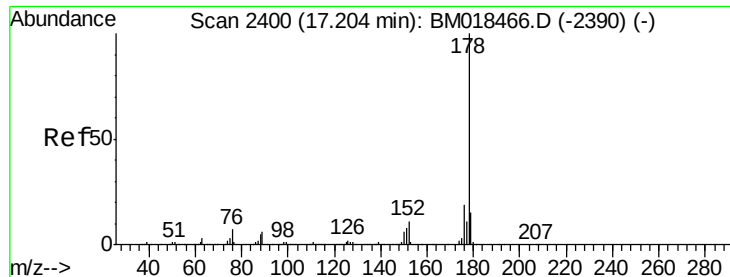
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





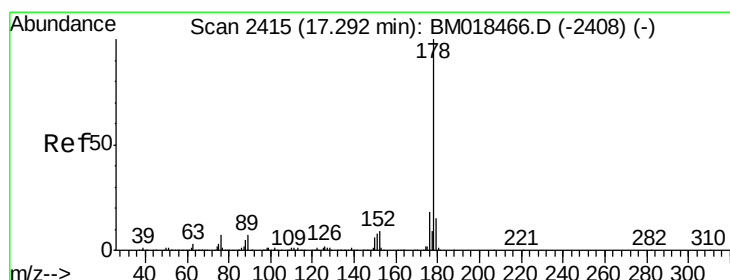
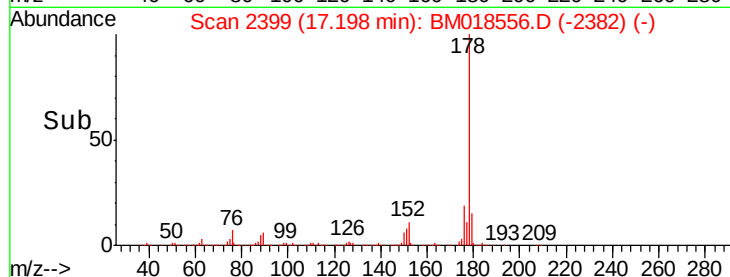
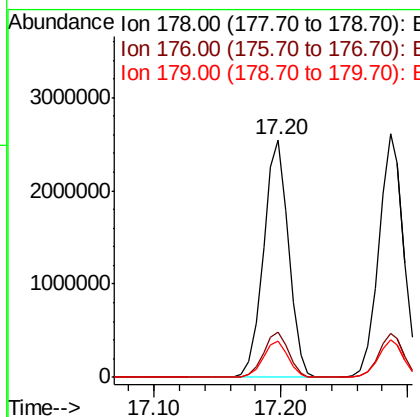
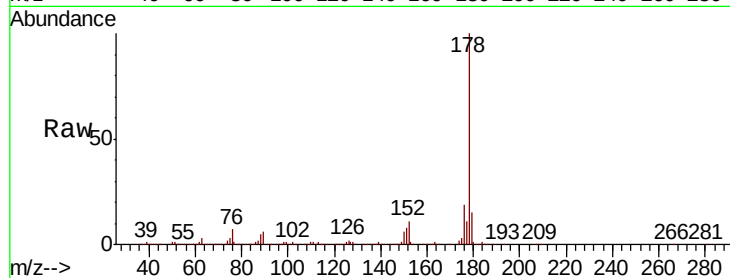
#71
Phenanthrene
Concen: 44.670 ng
RT: 17.20 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.2	12.2	18.4

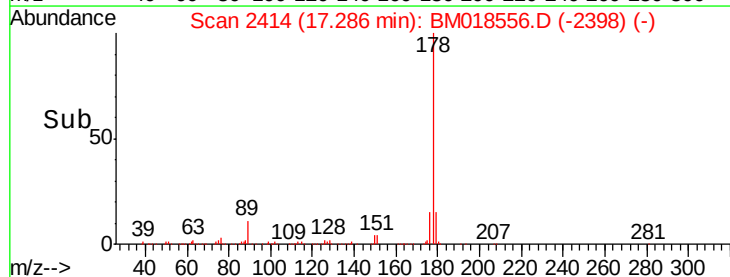
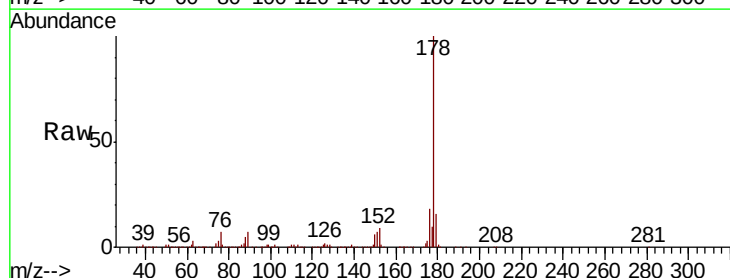
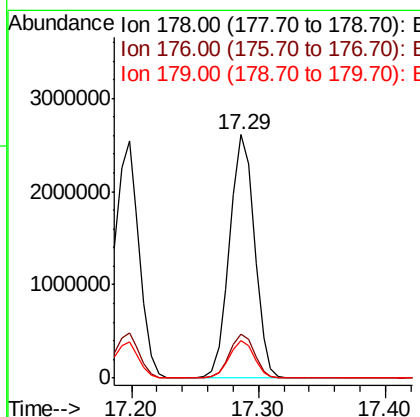
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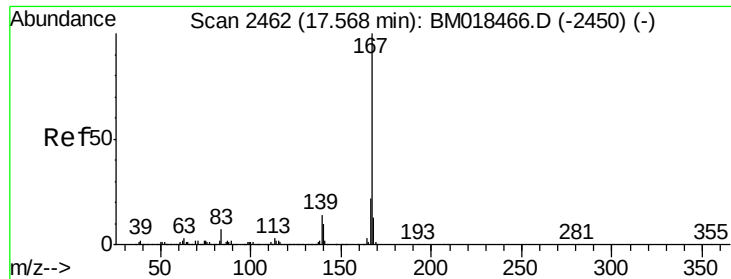
Sohil
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#72
Anthracene
Concen: 47.150 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.5	12.2	18.4





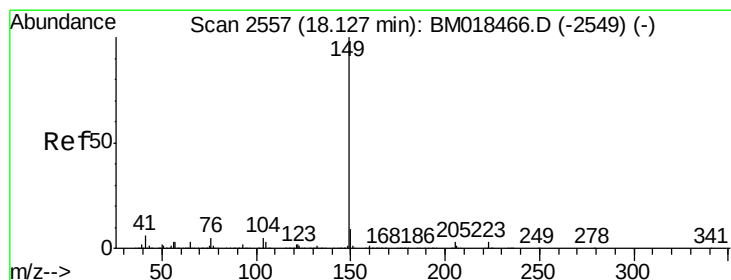
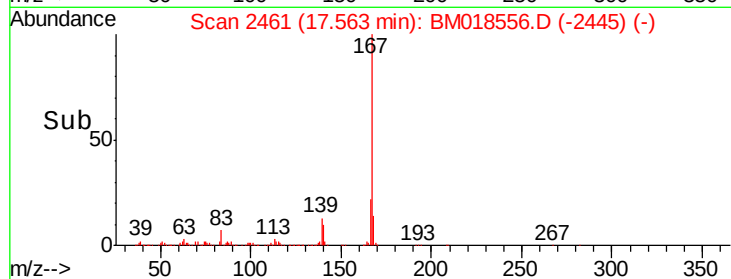
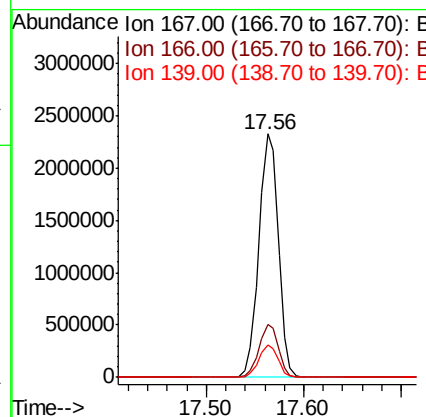
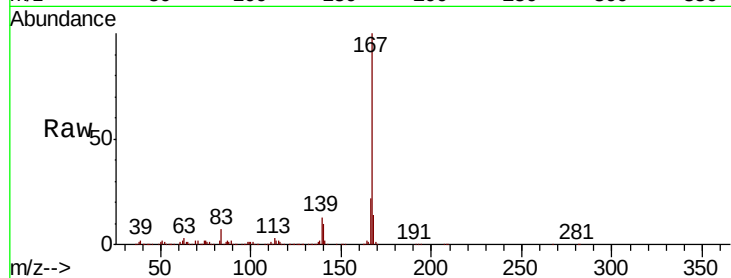
#73
 Carbazole
 Concen: 42.019 ng
 RT: 17.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.4	10.6	16.0

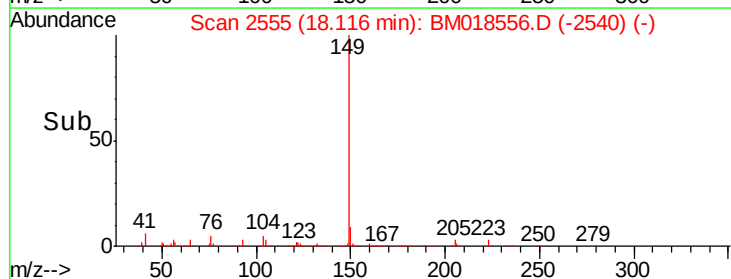
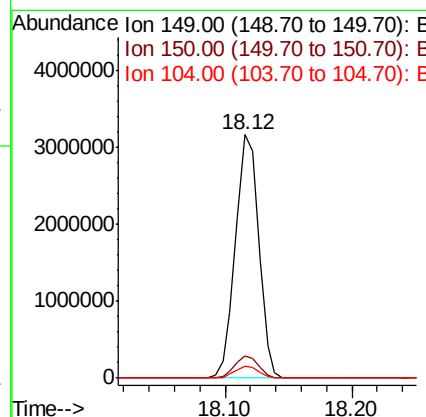
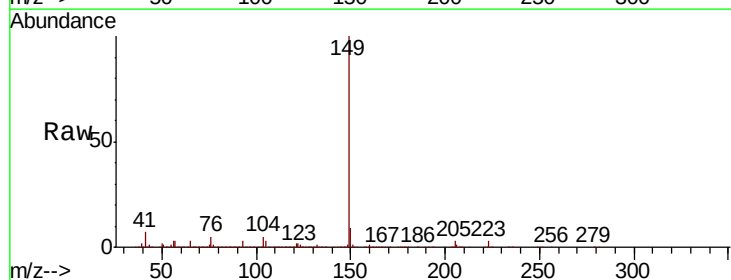
Manual Integrations
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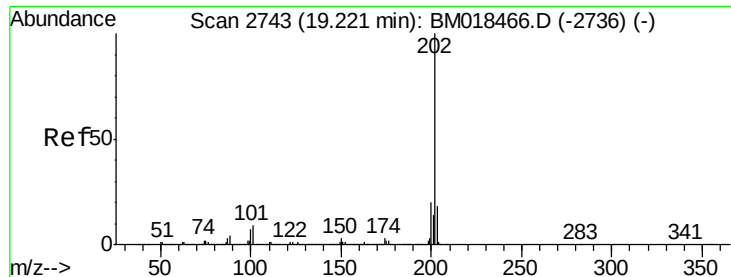
Sohil
 1/15/2019 12:20:08 PM



#74
 Di-n-butylphthalate
 Concen: 47.477 ng
 RT: 18.12 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 46.725 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

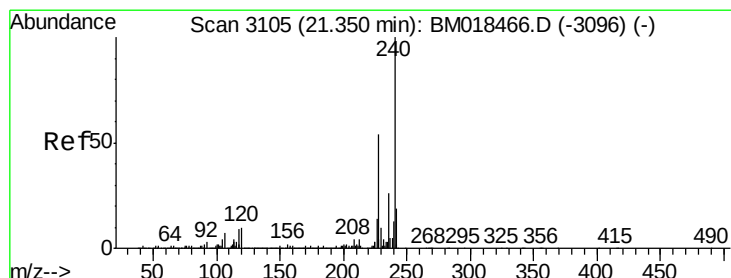
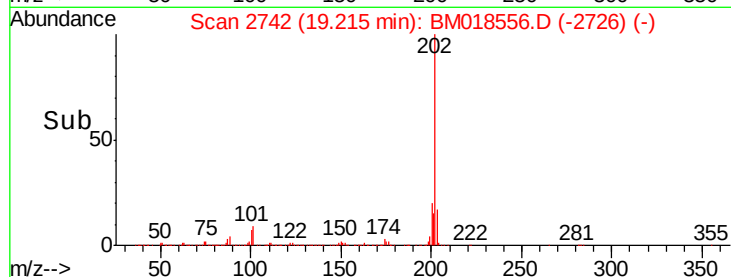
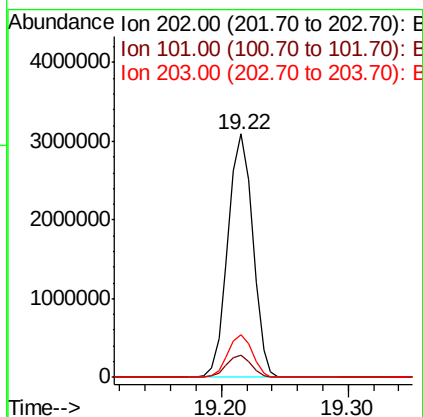
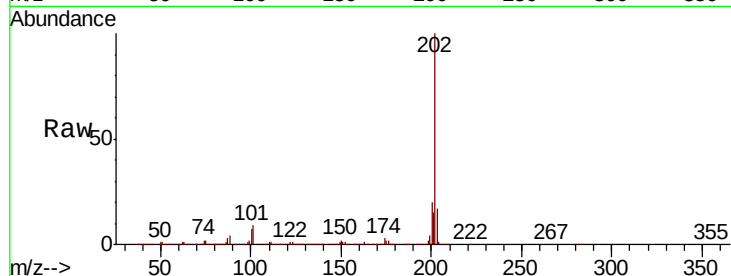
ClientSampleId :

QD-01-011019MS

Tot Ion:	202	Resp:	4200122
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.9
203	17.4	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

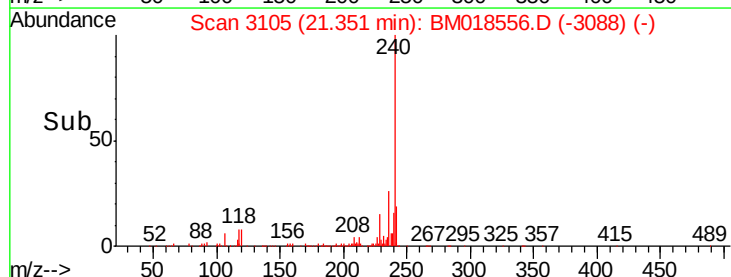
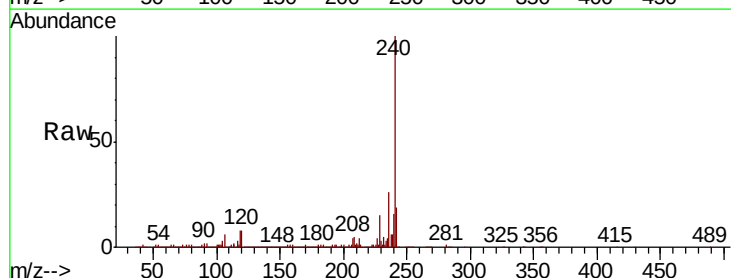
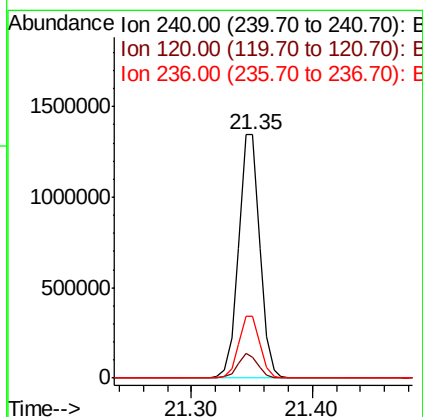
RT: 21.35 min Scan# 3105

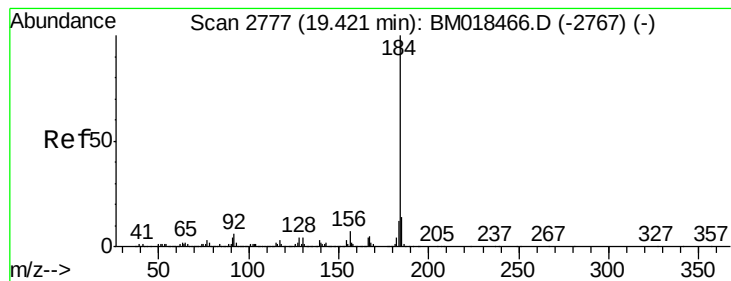
Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:	240	Resp:	1657860
Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.4	12.6
236	25.5	20.7	31.1





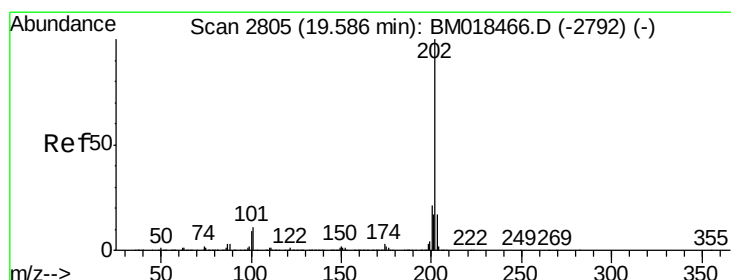
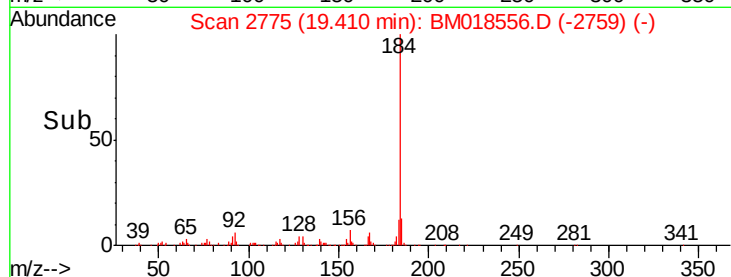
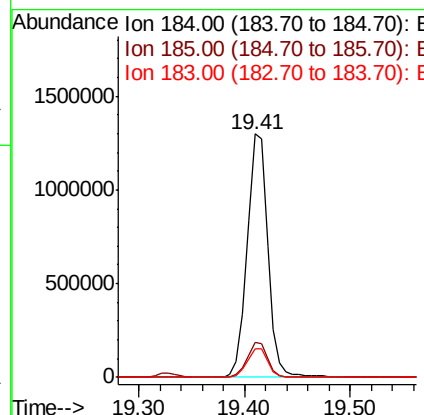
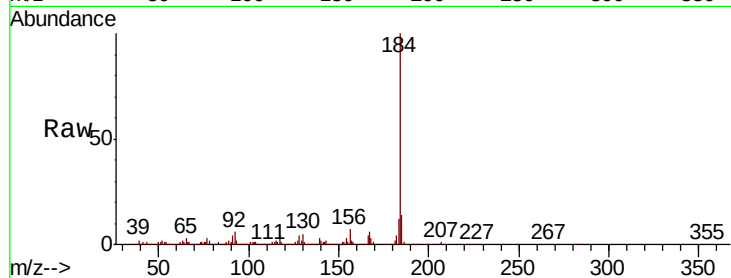
#77
Benzidine
Concen: 43.015 ng
RT: 19.41 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.0
183	11.9	9.5	14.3

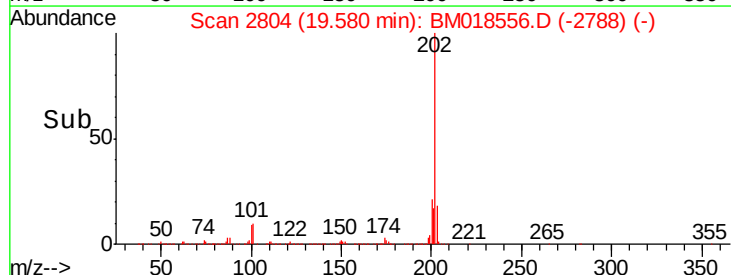
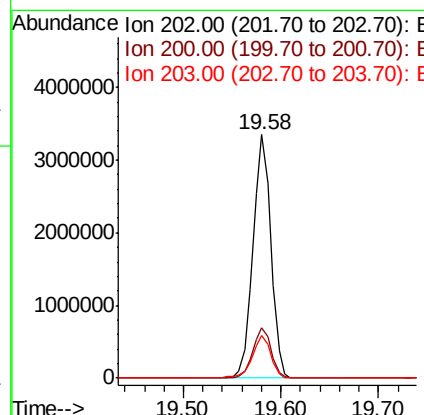
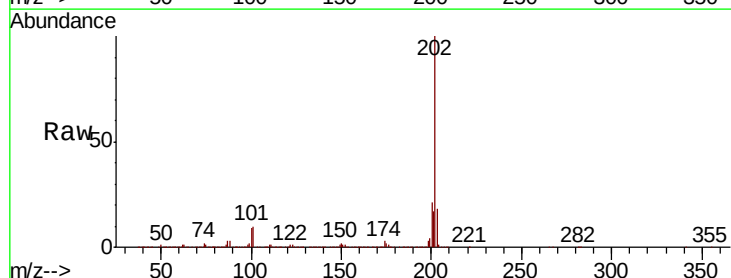
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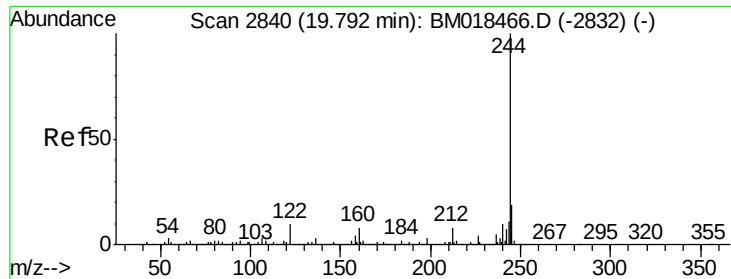
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#78
Pyrene
Concen: 43.420 ng
RT: 19.58 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.7	13.8	20.8





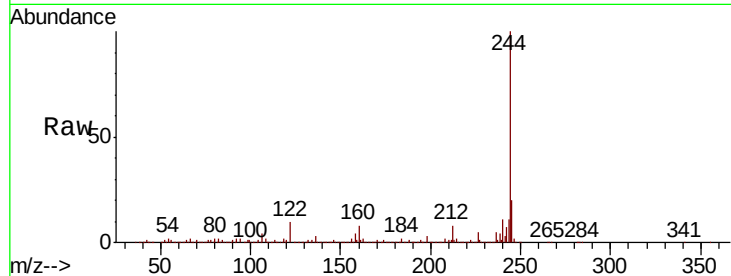
#79
 Terphenyl-d14
 Concen: 114.359 ng
 RT: 19.79 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

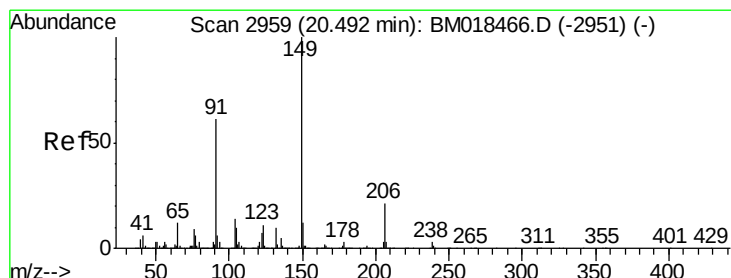
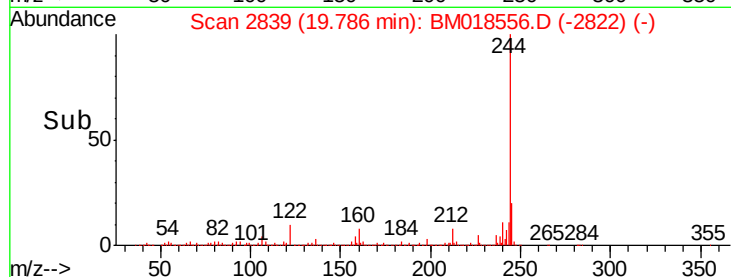
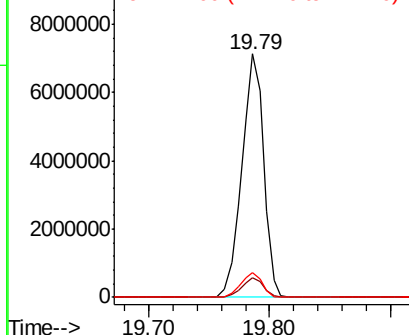
Tot Ion:244 Resp: 8993719
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.1 9.0 13.4

Manual Integrations
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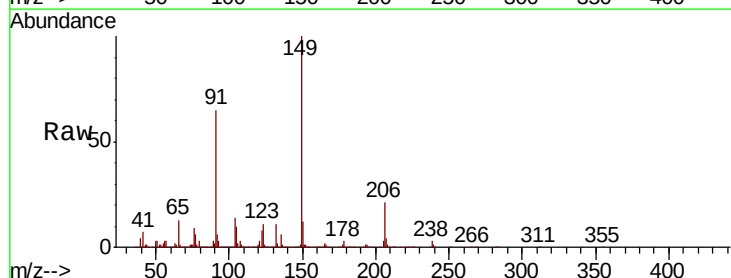


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

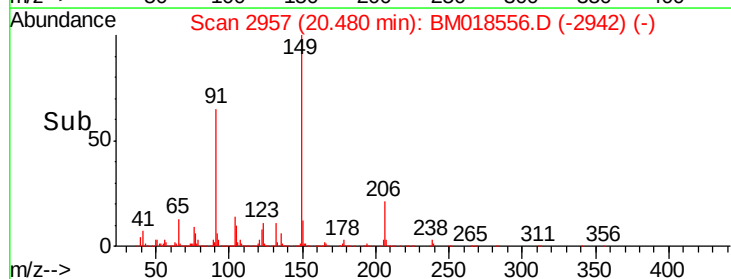
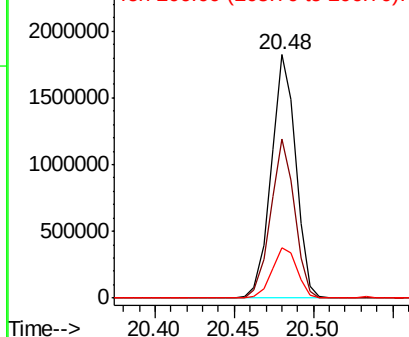


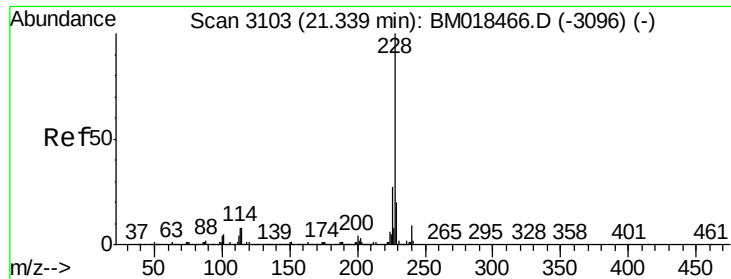
#80
 Butylbenzylphthalate
 Concen: 46.869 ng
 RT: 20.48 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion:149 Resp: 1965348
 Ion Ratio Lower Upper
 149 100
 91 65.5 53.1 79.7
 206 20.8 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E





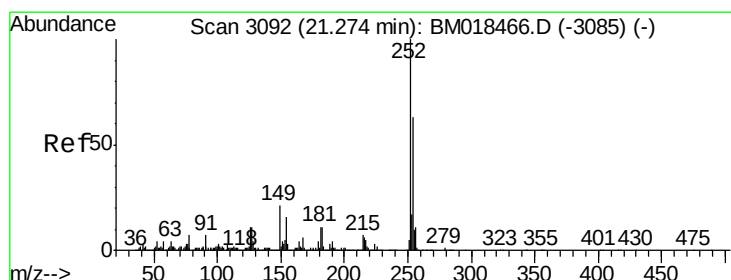
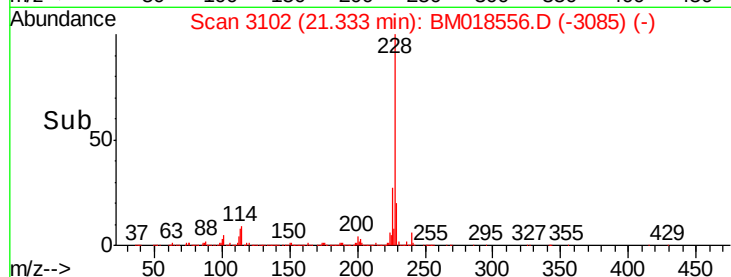
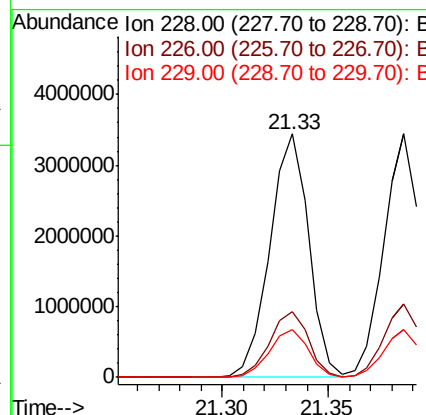
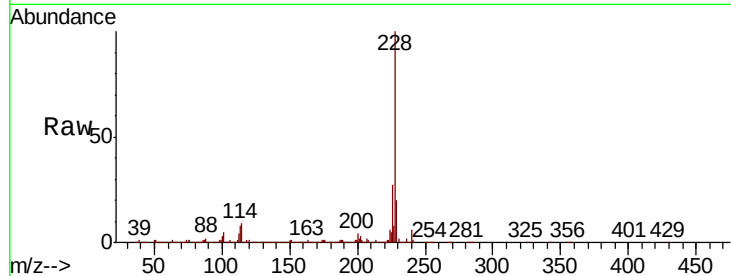
#81
Benzo(a)anthracene
Concen: 45.122 ng
RT: 21.33 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.7	15.8	23.8

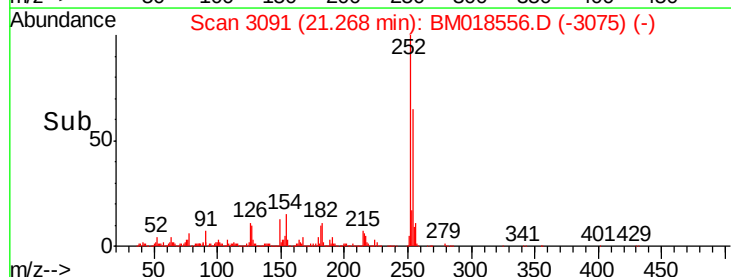
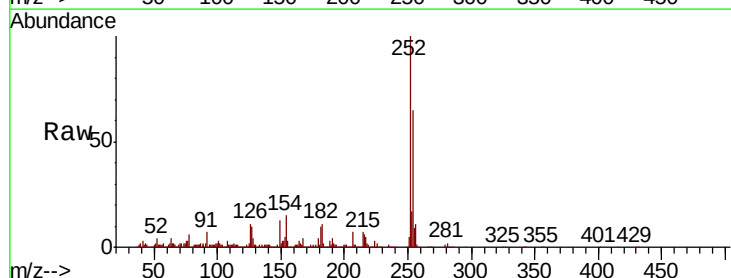
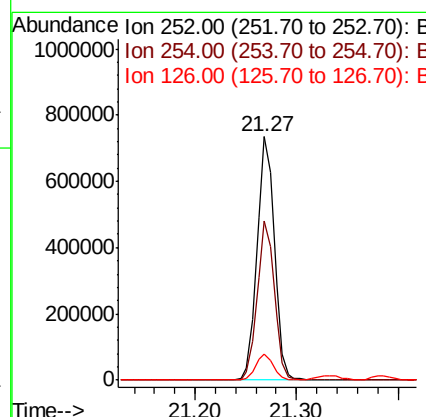
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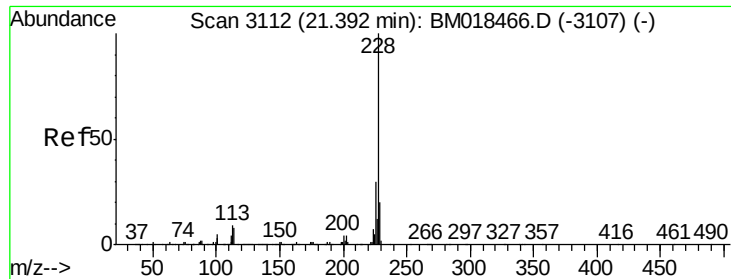
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#82
3,3'-Dichlorobenzidine
Concen: 23.780 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.0
126	10.8	8.7	13.1





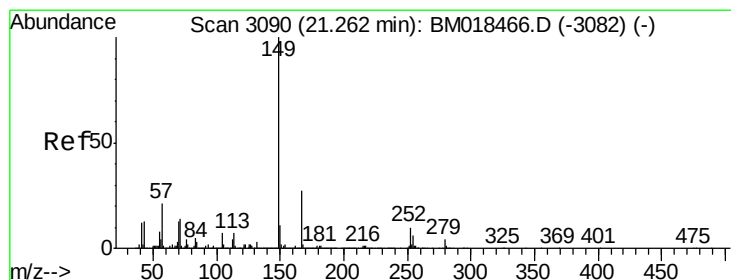
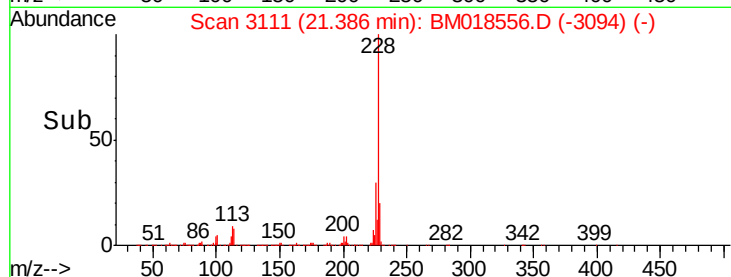
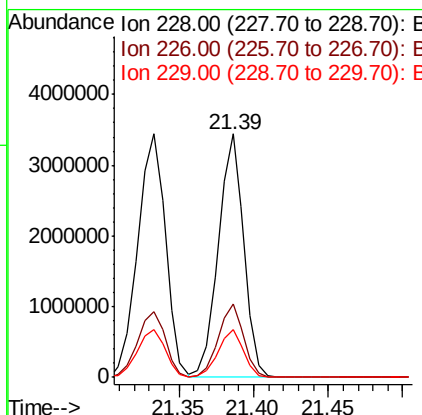
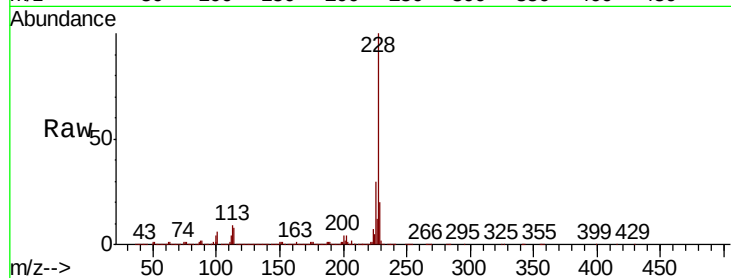
#83
 Chrvsene
 Concen: 43.602 ng
 RT: 21.39 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.8	15.6	23.4

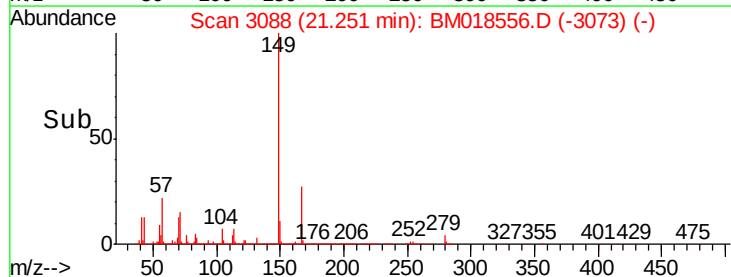
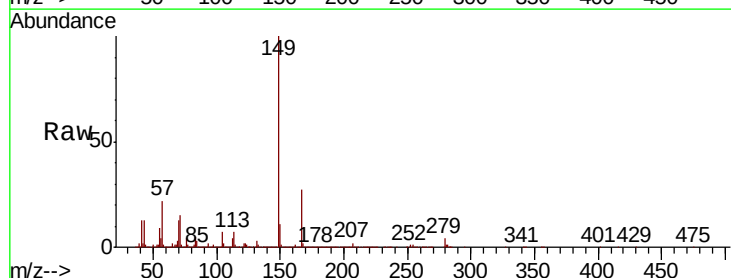
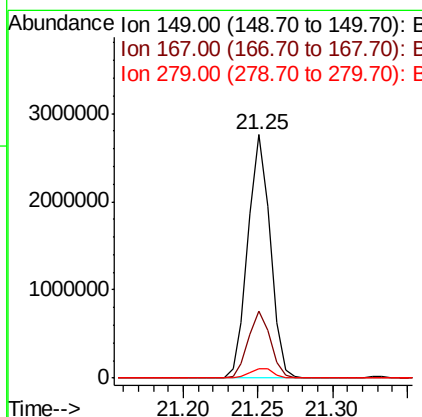
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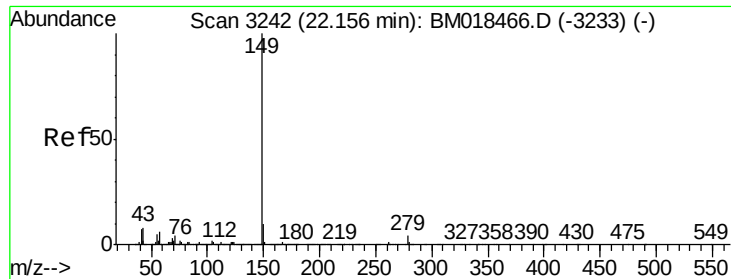
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.978 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.6	32.4
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 49.532 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:149 Resp: 5044377

Ion Ratio Lower Upper

149 100

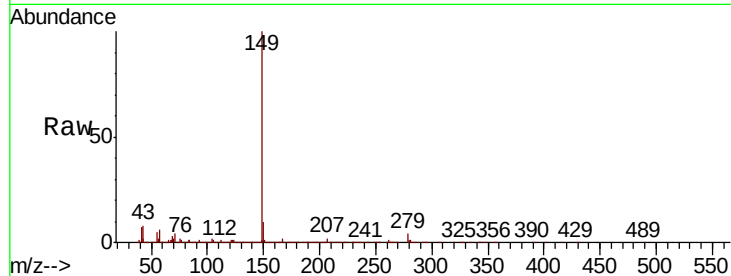
167 1.6 1.3 1.9

43 8.3 8.6 12.8#

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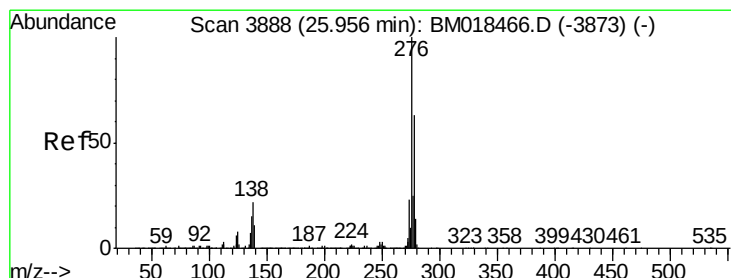
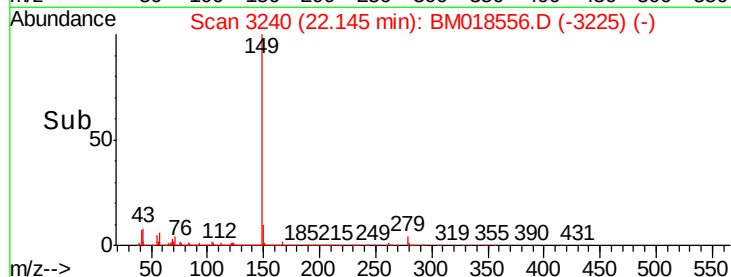
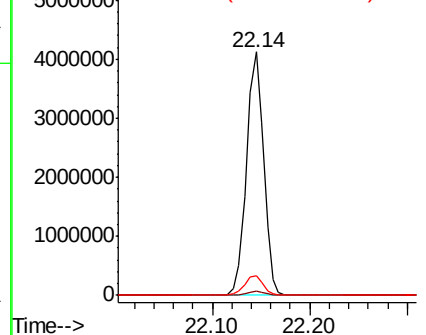
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.507 ng

RT: 25.96 min Scan# 3888

Delta R.T. 0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

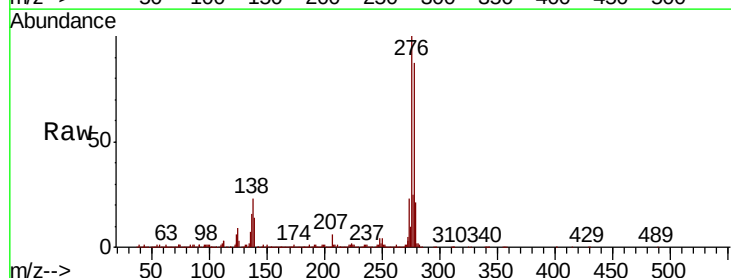
Tgt Ion:276 Resp: 5275233

Ion Ratio Lower Upper

276 100

138 23.3 21.5 32.3

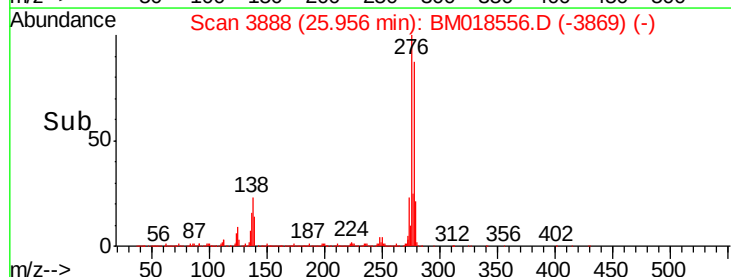
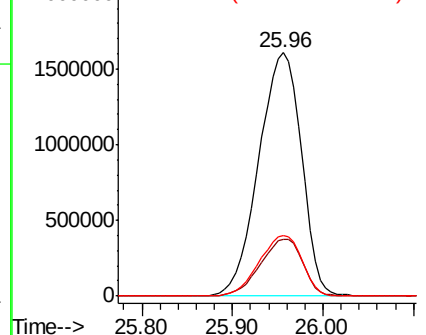
277 25.1 20.2 30.2

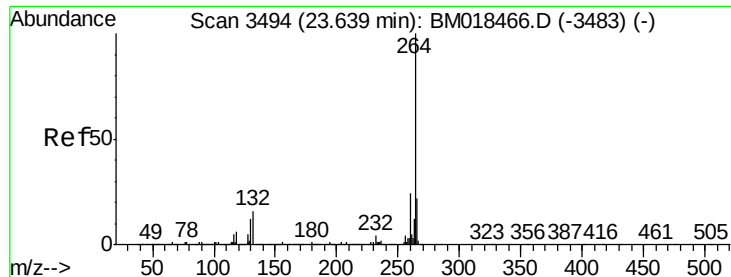


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:264 Resp: 1764857

Ion Ratio Lower Upper

264 100

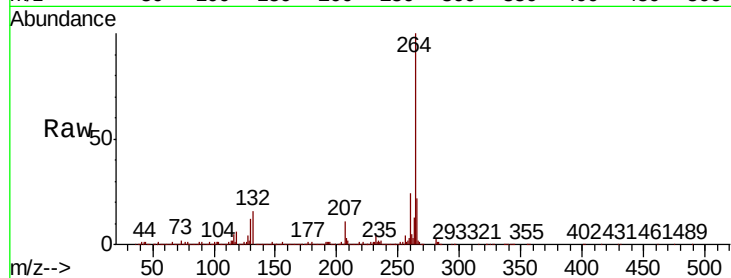
260 23.5 18.9 28.3

265 21.9 16.8 25.2

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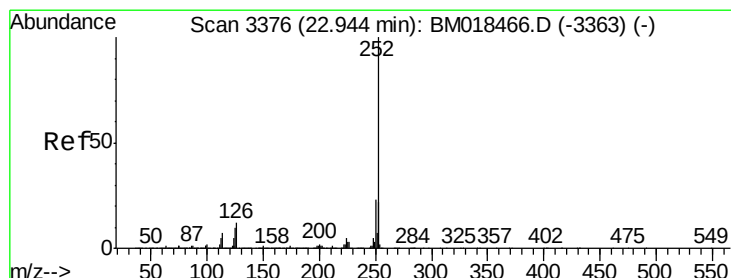
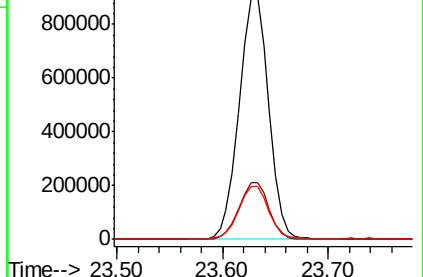
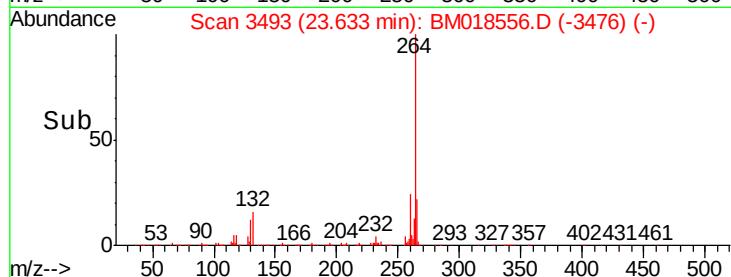
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.939 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

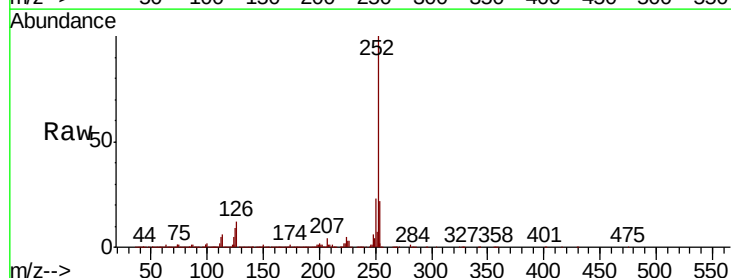
Tgt Ion:252 Resp: 4502684

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

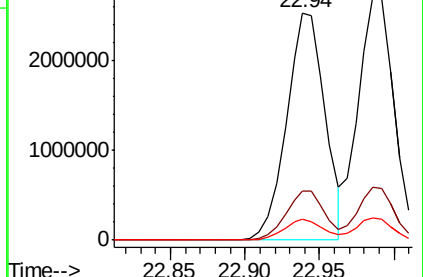
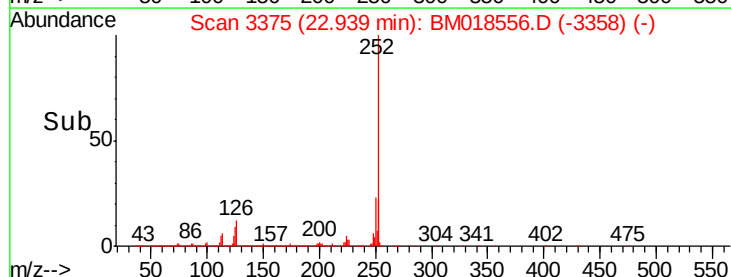
125 9.1 8.5 12.7

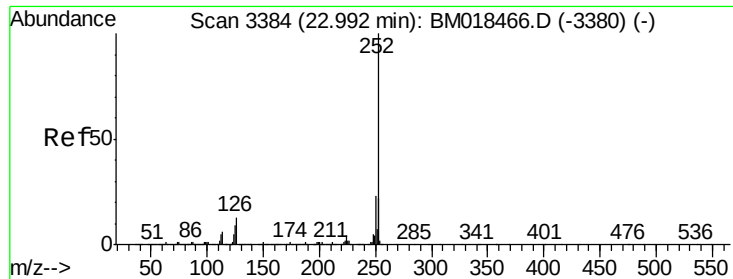


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





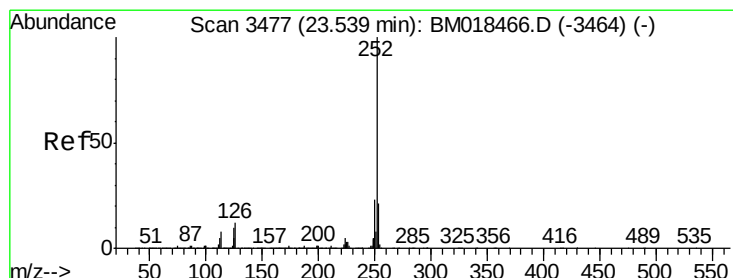
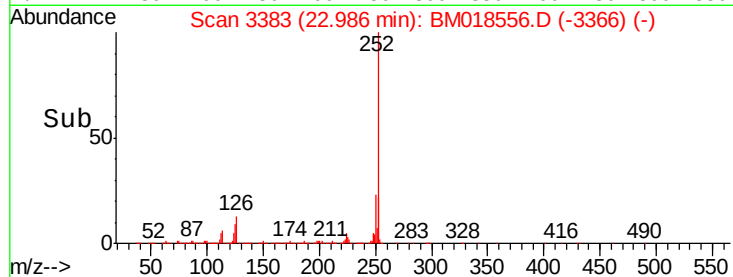
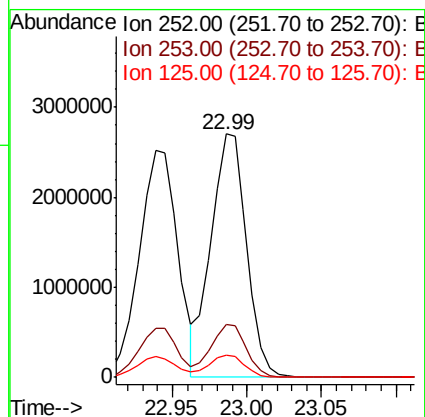
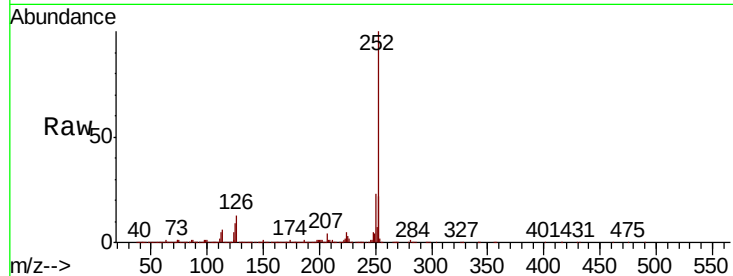
#89
Benzo(k)fluoranthene
Concen: 44.296 ng
RT: 22.99 min Scan# 3383
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.3	8.6	12.8

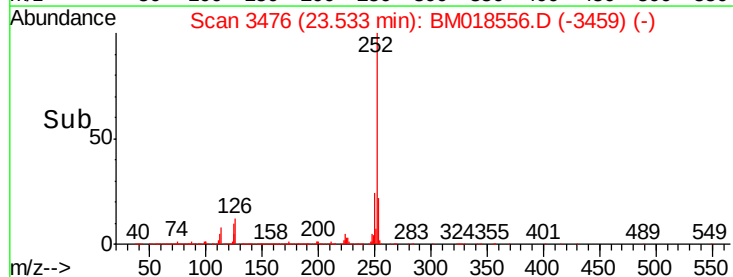
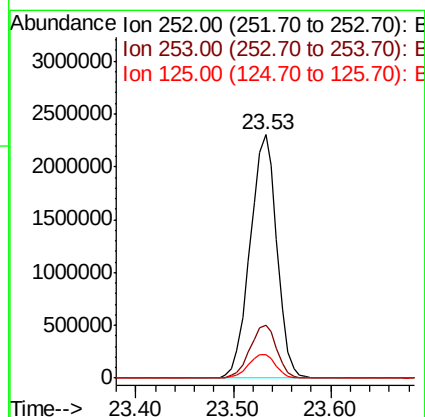
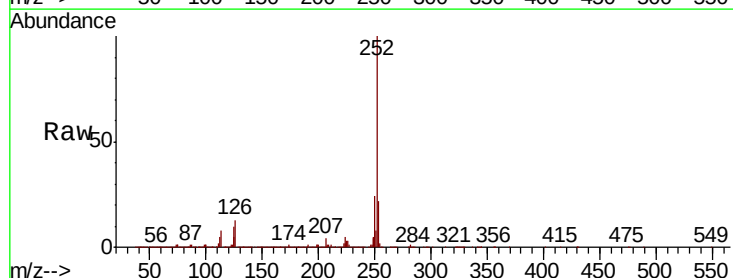
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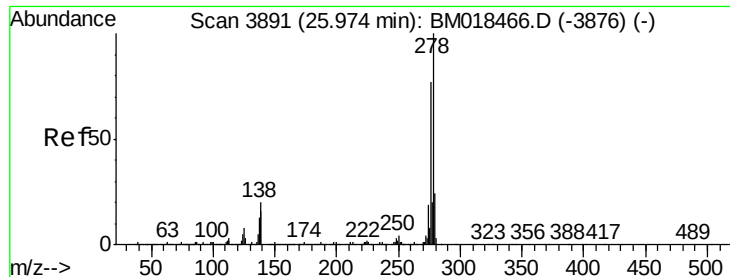
Sohil
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#90
Benzo(a)pyrene
Concen: 46.171 ng
RT: 23.53 min Scan# 3476
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.8	9.7	14.5





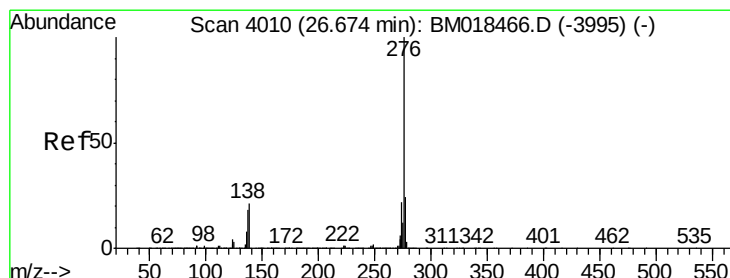
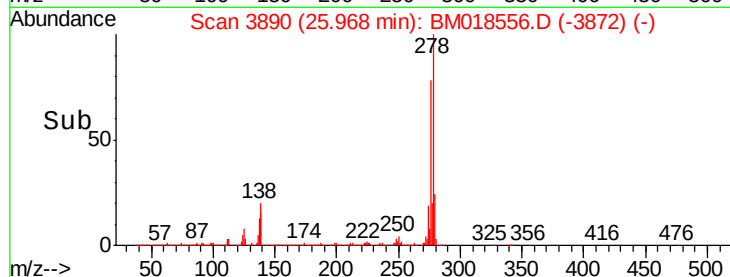
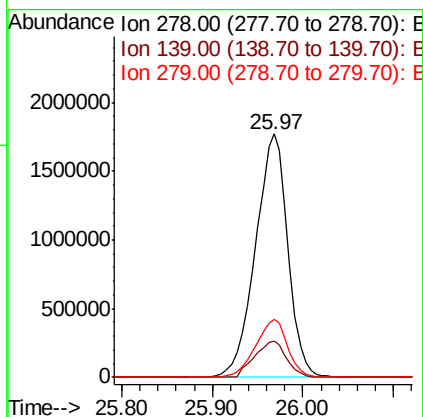
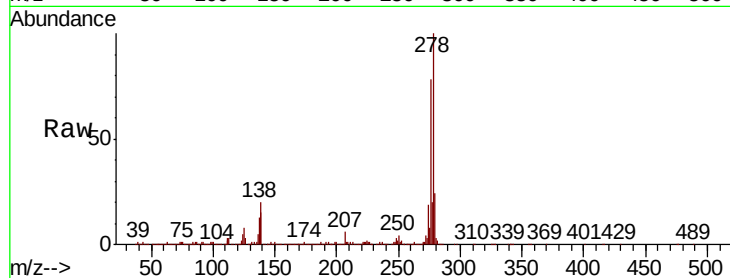
#91
Dibenzo(a,h)anthracene
Concen: 45.437 ng
RT: 25.97 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.2	19.8
279	24.0	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/15/2019 12:20:08 PM



#92
Benzo(g,h,i)perylene
Concen: 45.460 ng
RT: 26.67 min Scan# 4009
Delta R.T. 0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.2	18.1	27.1

