

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019160.D
 Acq On : 13 Mar 2019 23:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 3/14/2019 3:38:08 PM

Quant Time: Mar 14 08:16:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	206511	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1031456	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	634334	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1446630	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1565362	20.00	ng	0.00
87) Perylene-d12	23.50	264	1416570	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1037079	81.33	ng	0.00
7) Phenol-d6	6.84	99	1610128	86.32	ng	0.00
23) Nitrobenzene-d5	8.83	82	1751240	80.26	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	797562	85.16	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3825937	78.45	ng	0.00
79) Terphenyl-d14	19.70	244	6348510	80.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	205107	36.157	ng	98
3) Pyridine	3.62	79	675870	43.794	ng	99
4) n-Nitrosodimethylamine	3.54	42	178397	37.182	ng	88
6) Aniline	7.00	93	1008121	41.863	ng	100
8) 2-Chlorophenol	7.23	128	633156	41.319	ng	99
9) Benzaldehyde	6.82	77	493843	42.093	ng	99
10) Phenol	6.87	94	876009	43.579	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	629952	41.069	ng	99
12) 1,3-Dichlorobenzene	7.55	146	641206	39.540	ng	99
13) 1,4-Dichlorobenzene	7.69	146	656229	39.692	ng	98
14) 1,2-Dichlorobenzene	8.00	146	644905	40.093	ng	100
15) Benzyl Alcohol	7.91	79	672498	43.564	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	640849	40.917	ng	99
17) 2-Methylphenol	8.10	107	570260	43.534	ng	99
18) Hexachloroethane	8.72	117	246462	40.118	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	664308	43.413	ng	99
20) 3+4-Methylphenols	8.43	107	796885	44.818	ng	98
22) Acetophenone	8.49	105	1121722	39.352	ng	100
24) Nitrobenzene	8.87	77	911059	40.146	ng	99
25) Isophorone	9.39	82	1698038	40.782	ng	99
26) 2-Nitrophenol	9.57	139	392168	41.690	ng	99
27) 2,4-Dimethylphenol	9.63	122	574273	41.065	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	990779	40.187	ng	100
29) 2,4-Dichlorophenol	10.10	162	657945	42.481	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	677074	38.769	ng	98
31) Naphthalene	10.49	128	2127238	39.129	ng	99
32) Benzoic acid	9.82	122	510153m	43.074	ng	
33) 4-Chloroaniline	10.62	127	930900	41.771	ng	99
34) Hexachlorobutadiene	10.76	225	382646	38.180	ng	99
35) Caprolactam	11.45	113	248529m	45.046	ng	
36) 4-Chloro-3-methylphenol	11.75	107	827353	43.293	ng	99
37) 2-Methylnaphthalene	12.11	142	1588854	40.218	ng	98
38) 1-Methylnaphthalene	12.33	142	1561513	40.101	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	785811	39.162	ng	100

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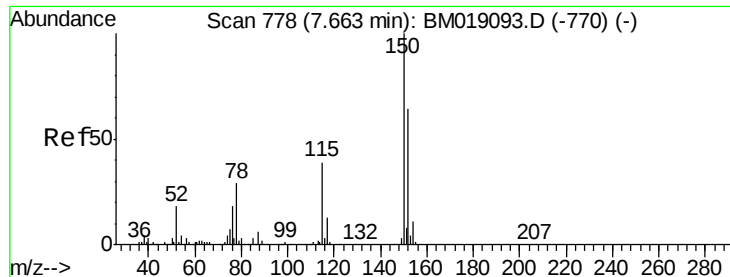
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	333838	36.730	nq	99
43) 2,4,6-Trichlorophenol	12.73	196	540369	41.672	nq	98
44) 2,4,5-Trichlorophenol	12.81	196	596351m	43.007	nq	
46) 1,1'-Biphenyl	13.14	154	2178360	39.323	nq	99
47) 2-Chloronaphthalene	13.18	162	1644857	39.779	nq	99
48) 2-Nitroaniline	13.41	65	597132	43.059	nq	99
49) Acenaphthylene	14.03	152	2806490	40.140	nq	99
50) Dimethylphthalate	13.79	163	2160651	39.817	nq	99
51) 2,6-Dinitrotoluene	13.92	165	483567	41.223	nq	97
52) Acenaphthene	14.38	154	1586214	39.483	nq	99
53) 3-Nitroaniline	14.25	138	503732	40.545	nq	97
54) 2,4-Dinitrophenol	14.46	184	254815	37.405	nq	97
55) Dibenzofuran	14.72	168	2594472	40.044	nq	100
56) 4-Nitrophenol	14.56	139	405573	39.983	nq	99
57) 2,4-Dinitrotoluene	14.70	165	690974	40.579	nq	97
58) Fluorene	15.37	166	2157788	40.404	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	530957	41.131	nq	99
60) Diethylphthalate	15.15	149	2209861	40.210	nq	98
61) 4-Chlorophenyl-phenylether	15.36	204	1047796	40.396	nq	99
62) 4-Nitroaniline	15.42	138	520136	41.543	nq	99
63) Azobenzene	15.66	77	2416392	41.783	nq	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	341530	36.027	nq	98
66) n-Nitrosodiphenylamine	15.59	169	1827670	39.684	nq	100
67) 4-Bromophenyl-phenylether	16.26	248	636538	39.902	nq	96
68) Hexachlorobenzene	16.36	284	753357	39.721	nq	98
69) Atrazine	16.54	200	626229	40.393	nq	99
70) Pentachlorophenol	16.72	266	453341	39.674	nq	99
71) Phenanthrene	17.11	178	3334699	39.328	nq	100
72) Anthracene	17.20	178	3313473	39.917	nq	100
73) Carbazole	17.49	167	3157695	40.305	nq	100
74) Di-n-butylphthalate	18.03	149	3882821	40.984	nq	100
75) Fluoranthene	19.13	202	3844763	39.516	nq	99
77) Benzidine	19.34	184	2327088	52.418	nq	100
78) Pyrene	19.50	202	3955920	39.942	nq	100
80) Butylbenzylphthalate	20.40	149	1823358	42.268	nq	99
81) Benzo(a)anthracene	21.25	228	3862683	39.333	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	1506700	39.826	nq	99
83) Chrysene	21.30	228	3690851	38.848	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2703103	43.071	nq	99
85) Di-n-octyl phthalate	22.05	149	4621864	43.735	nq	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3639365	35.585	nq	100
88) Benzo(b)fluoranthene	22.83	252	3672272	40.007	nq	99
89) Benzo(k)fluoranthene	22.87	252	3513479	41.616	nq	100
90) Benzo(a)pyrene	23.41	252	3282276	39.791	nq	100
91) Dibenzo(a,h)anthracene	25.78	278	3061592	38.799	nq	99
92) Benzo(g,h,i)perylene	26.46	276	2794777	38.578	nq	100

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



#1

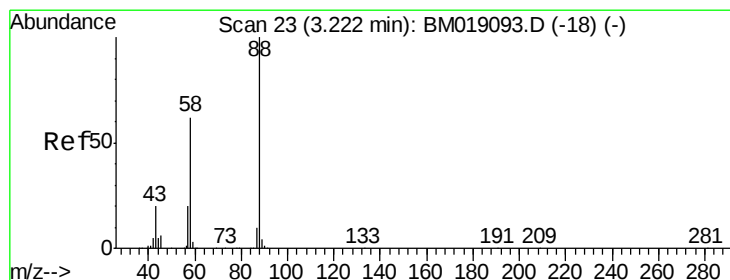
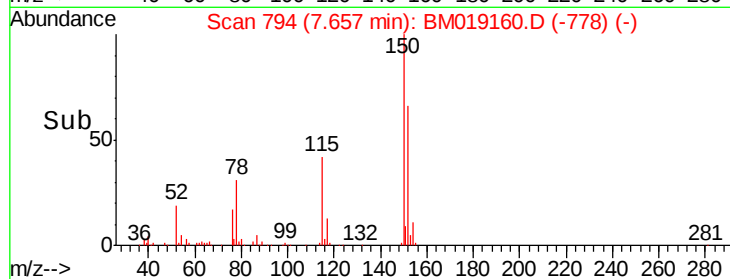
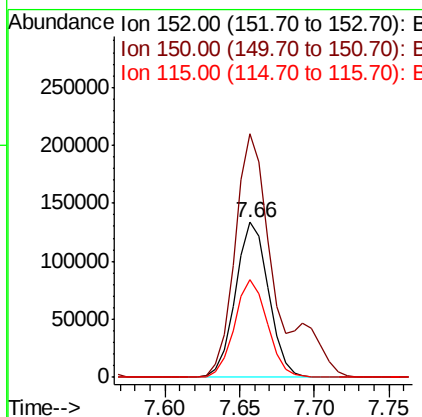
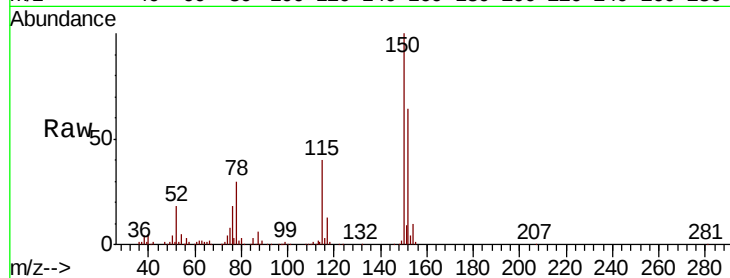
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	63.4	49.4	74.0

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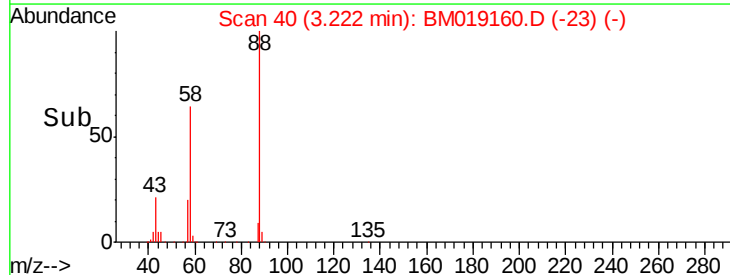
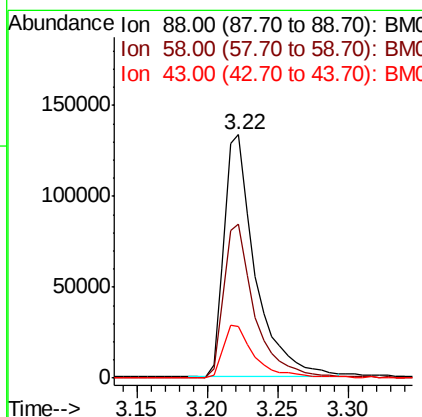
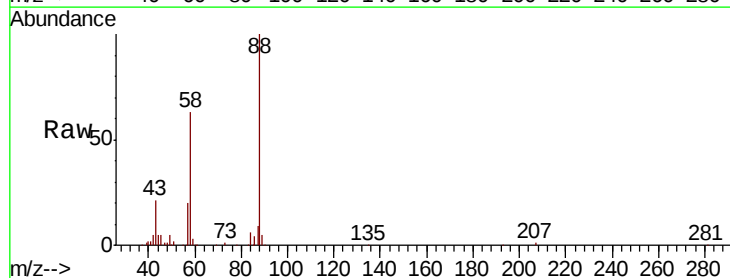
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#2

1,4-Dioxane
Concen: 36.157 ng
RT: 3.22 min Scan# 40
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.5	50.0	75.0
43	22.5	17.0	25.4





#3

Pvridine

Concen: 43.794 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

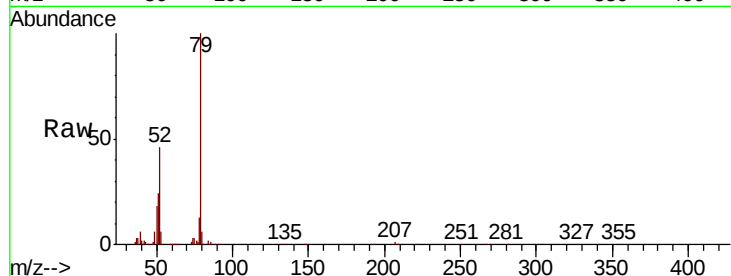
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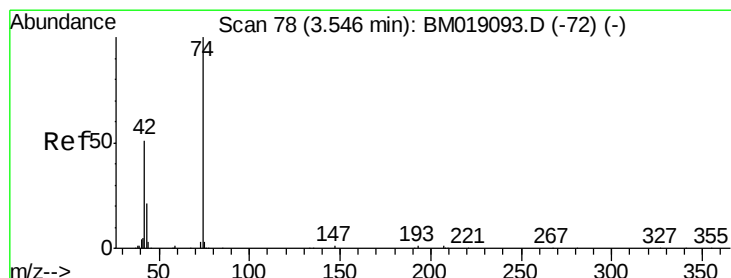
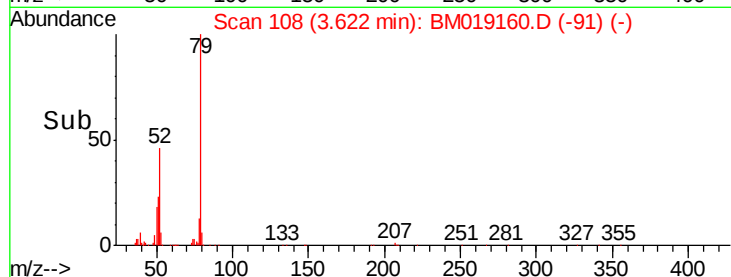
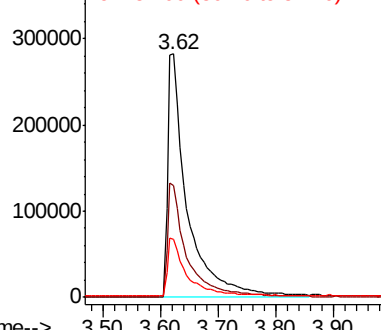
Tot Ion:	79	Resp:	675870
Ion Ratio	Lower	Upper	
79	100		
52	45.7	37.5	56.3
51	23.9	19.2	28.8

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Abundance Ion 79.00 (78.70 to 79.70): BM019160.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 37.182 ng

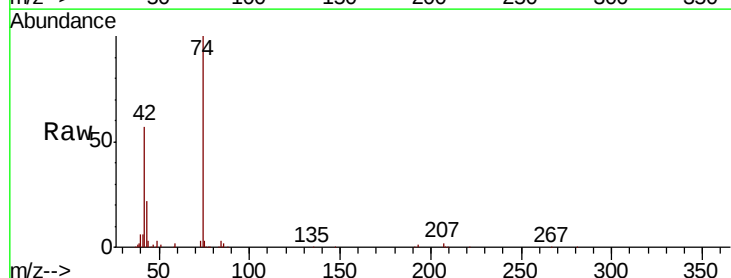
RT: 3.54 min Scan# 94

Delta R.T. -0.01 min

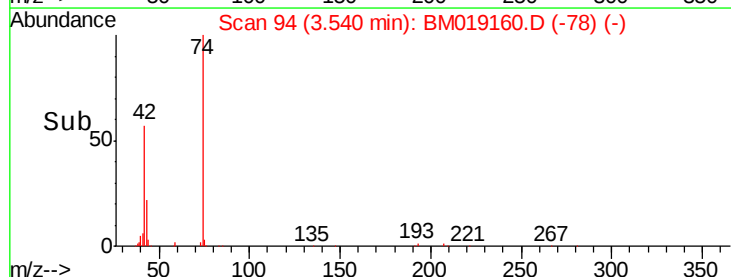
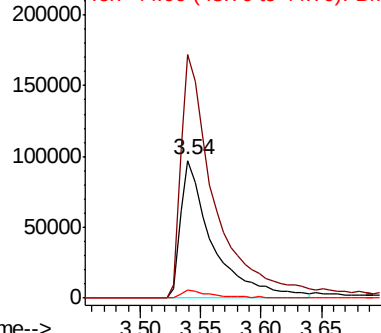
Lab File: BM019160.D

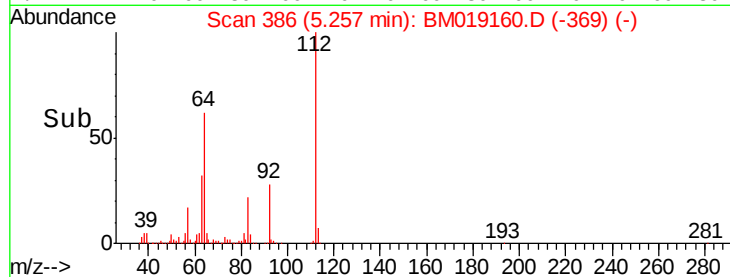
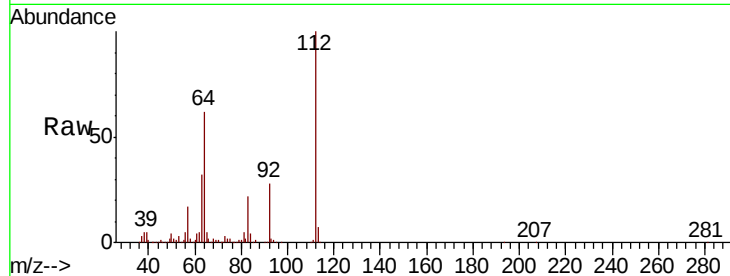
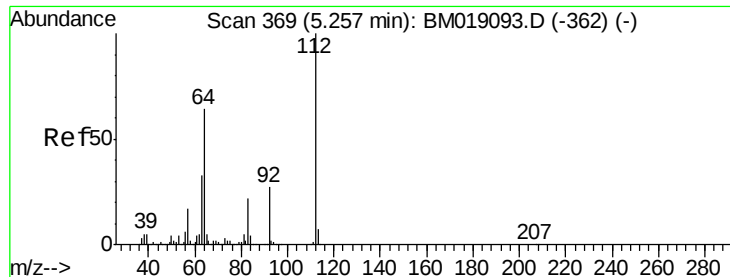
Acq: 13 Mar 2019 23:46

Tgt Ion:	42	Resp:	178397
Ion Ratio	Lower	Upper	
42	100		
74	176.5	156.3	234.5
44	6.0	4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BM019160.D (-78) (-)





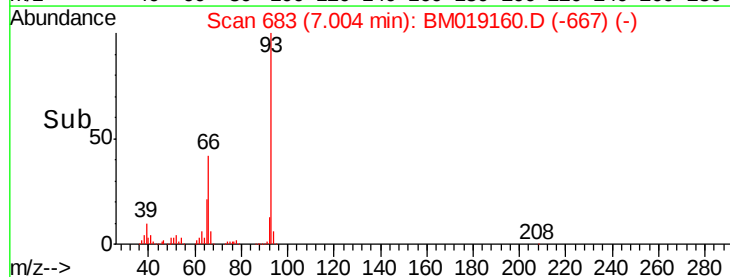
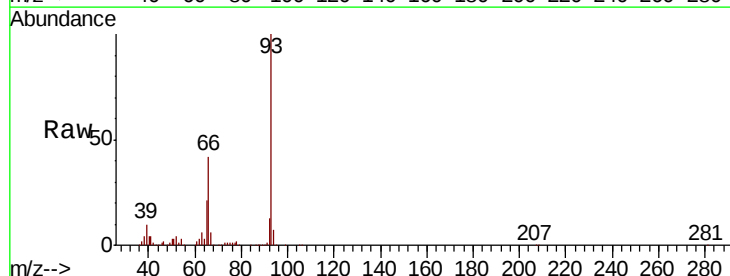
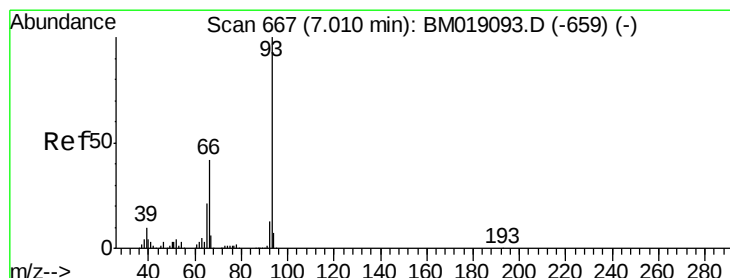
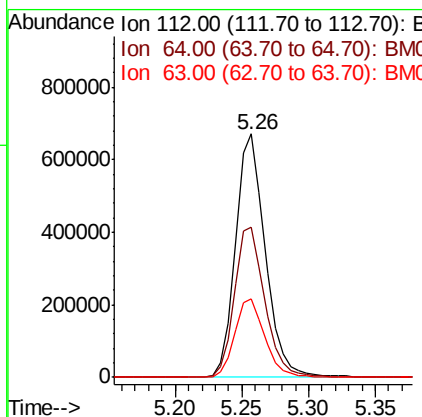
#5
2-Fluorophenol
Concen: 81.329 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tot Ion: 112 Resp: 1037079
Ion Ratio Lower Upper
112 100
64 61.7 51.4 77.0
63 32.2 26.6 40.0

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

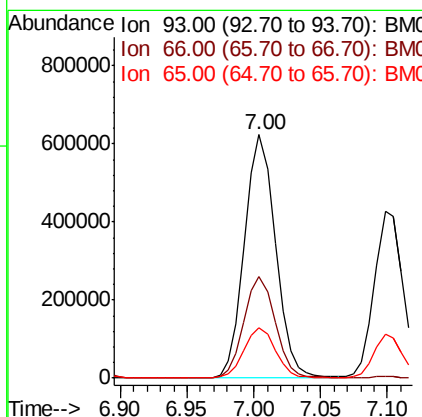
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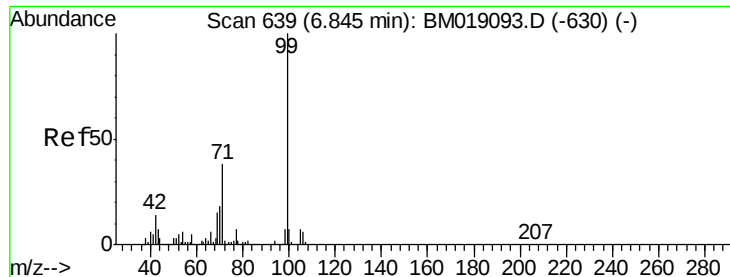
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#6
Aniline
Concen: 41.863 ng
RT: 7.00 min Scan# 683
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion: 93 Resp: 1008121
Ion Ratio Lower Upper
93 100
66 41.9 33.4 50.2
65 20.7 16.8 25.2





#7

Phenol-d6

Concen: 86.325 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1610128

Ion Ratio Lower Upper

99 100

42 14.6 10.9 16.3

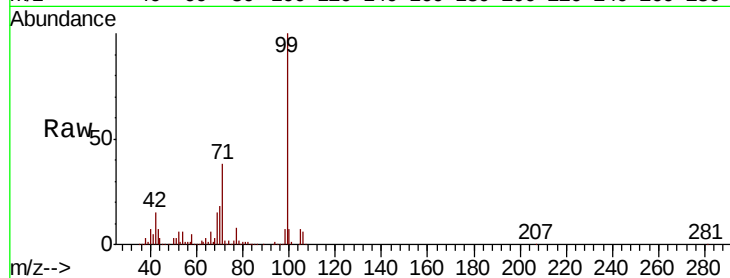
71 38.4 30.3 45.5

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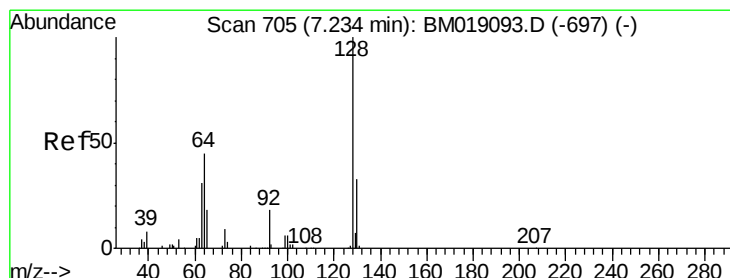
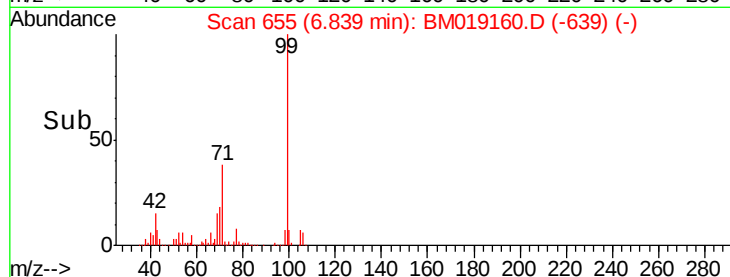
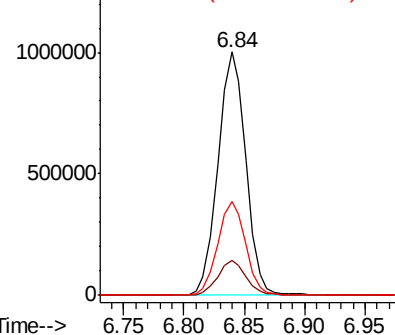
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Abundance Ion 99.00 (98.70 to 99.70): BM019160.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019160.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019160.D (-639) (-)



#8

2-Chlorophenol

Concen: 41.319 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

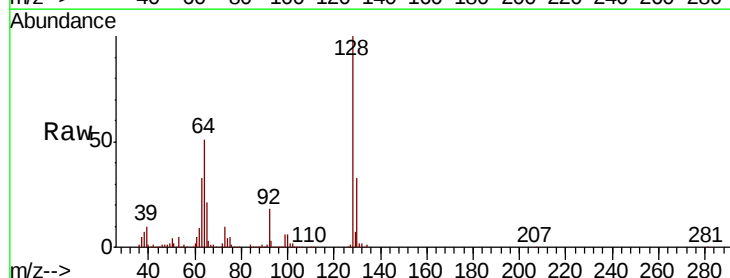
Tgt Ion: 128 Resp: 633156

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

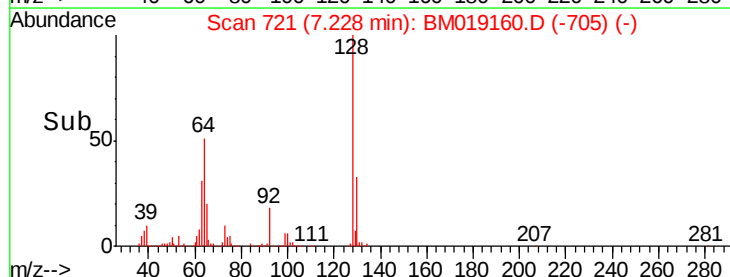
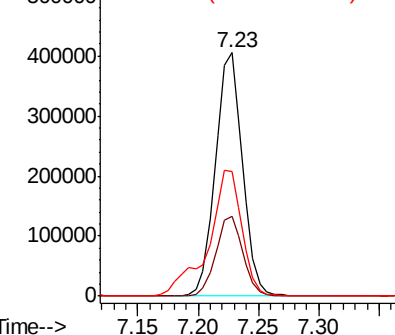
64 51.2 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): BM019160.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM019160.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019160.D (-705) (-)





#9

Benzaldehyde

Concen: 42.093 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

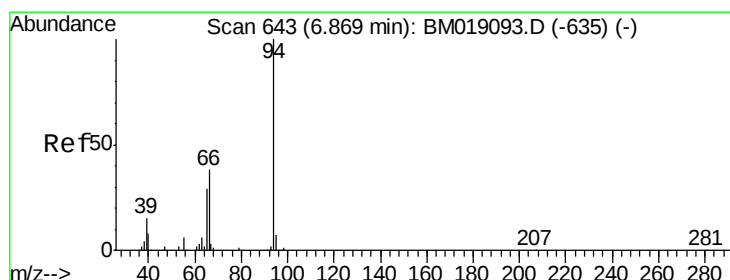
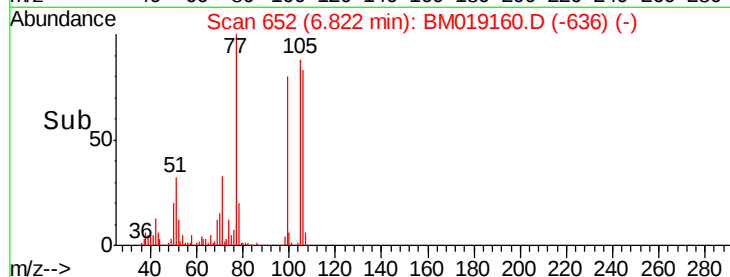
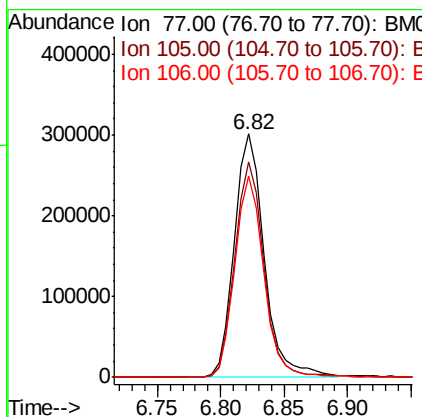
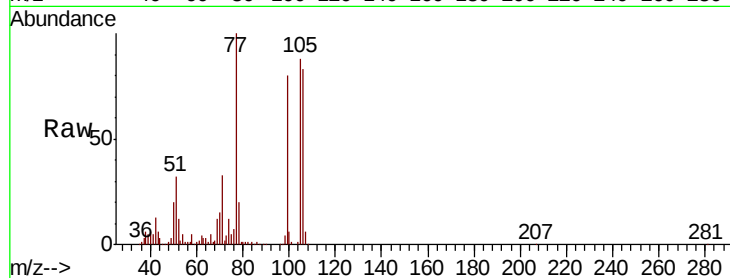
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	493843
Ion	Ratio	Lower	Upper
77	100		
105	88.4	67.7	107.7
106	82.6	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 43.579 ng

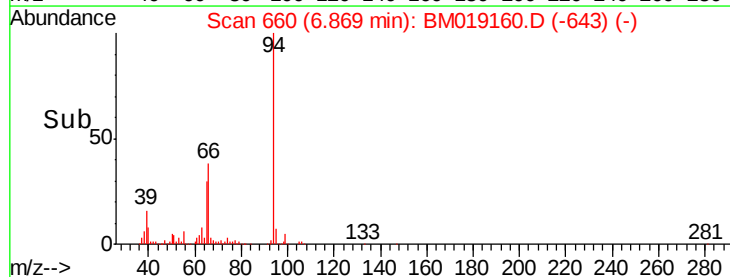
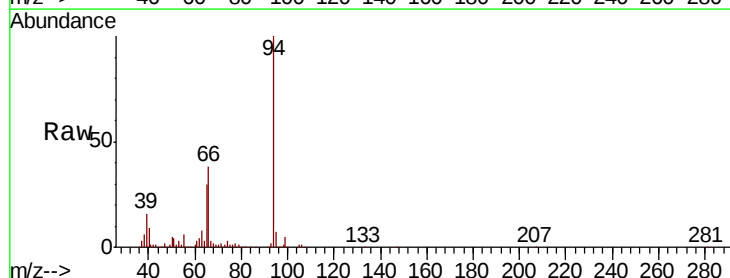
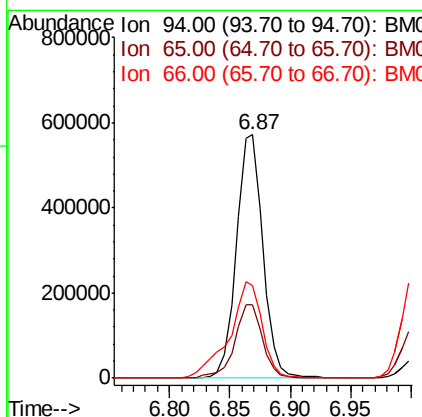
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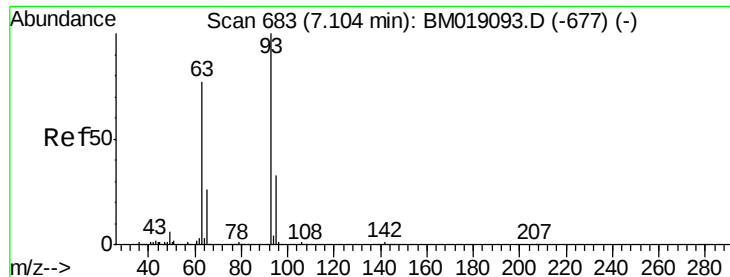
Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:	94	Resp:	876009
Ion	Ratio	Lower	Upper
94	100		
65	30.2	9.7	49.7
66	38.3	19.2	59.2





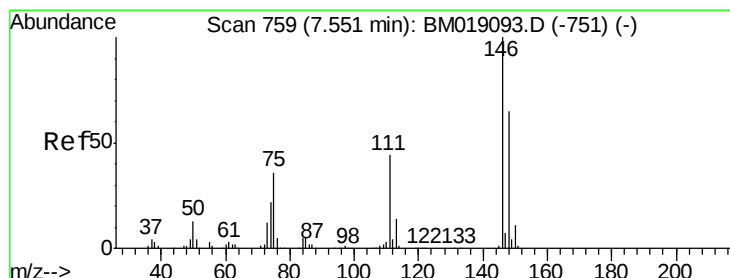
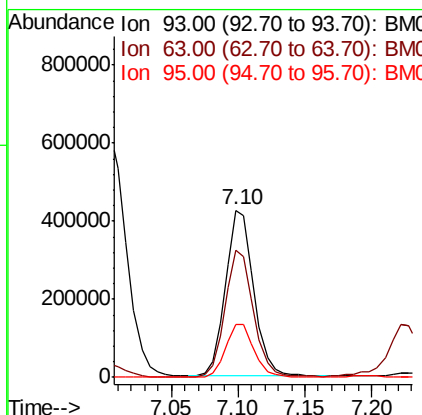
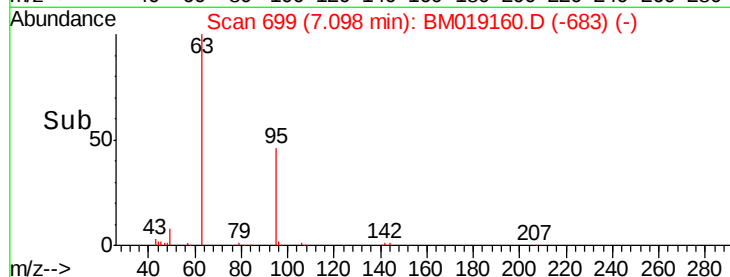
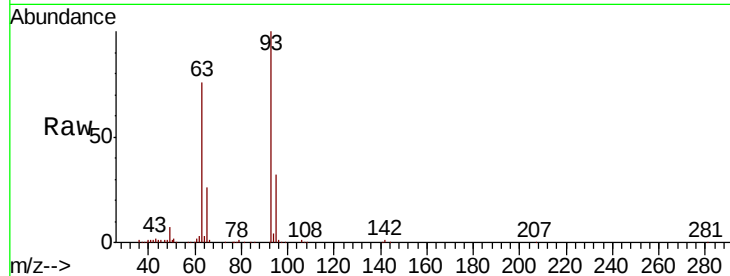
#11
bis(2-Chloroethyl)ether
Concen: 41.069 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	629952
Ion Ratio	Lower	Upper	
93	100		
63	76.2	56.6	96.6
95	31.8	13.0	53.0

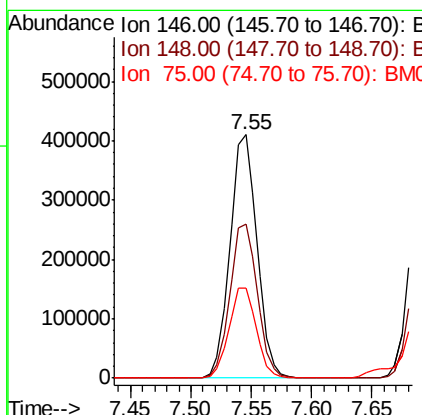
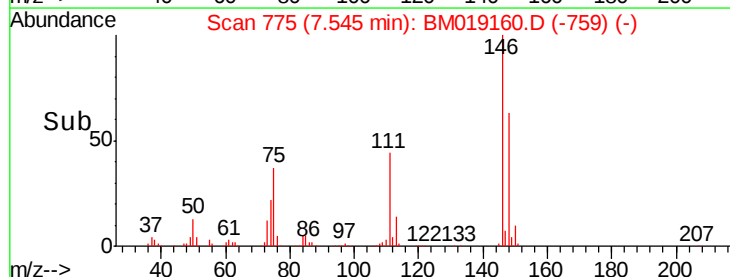
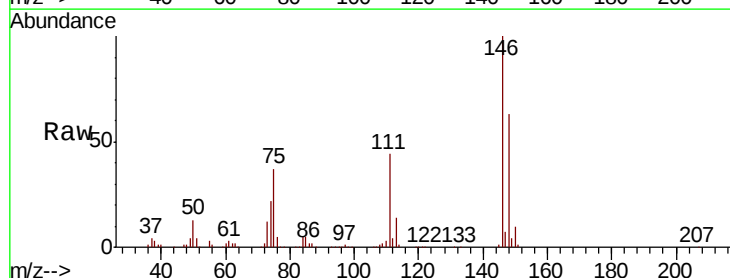
Manual Integrations
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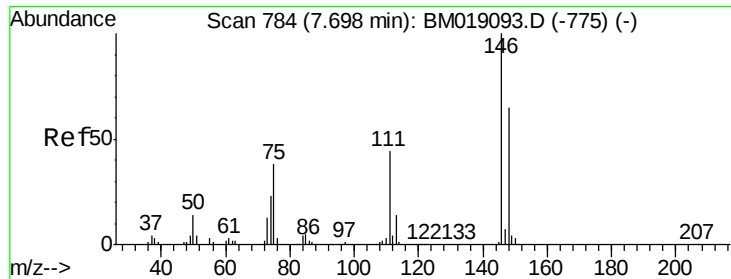
Sohil
3/14/2019 3:38:08 PM



#12
1,3-Dichlorobenzene
Concen: 39.540 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	146	Resp	641206
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.7	77.5
75	36.9	29.1	43.7





#13

1,4-Dichlorobenzene

Concen: 39.692 ng

RT: 7.69 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

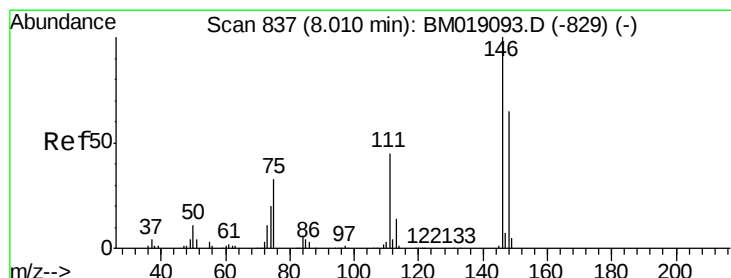
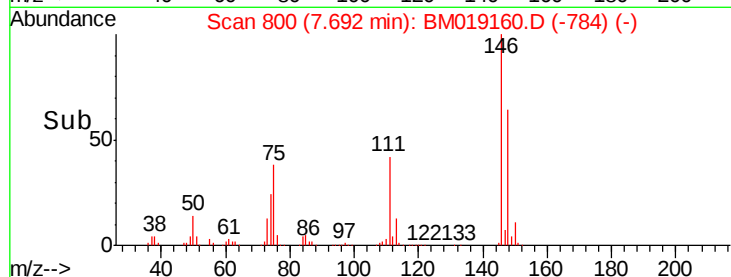
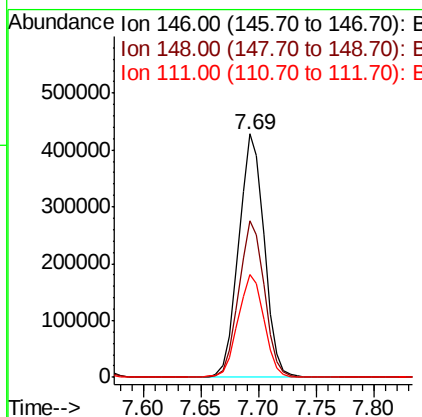
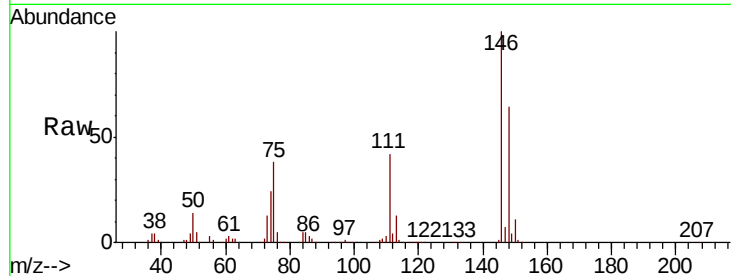
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	656229
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
111	42.3	35.4	53.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.093 ng

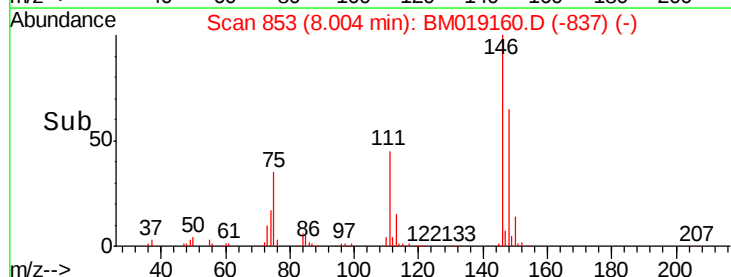
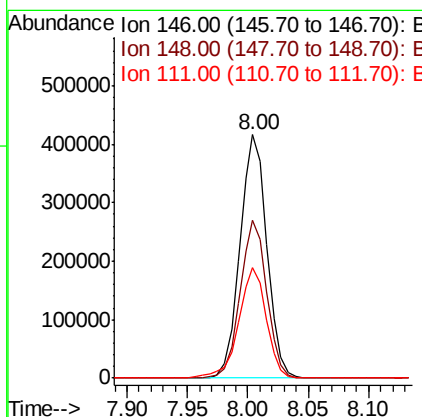
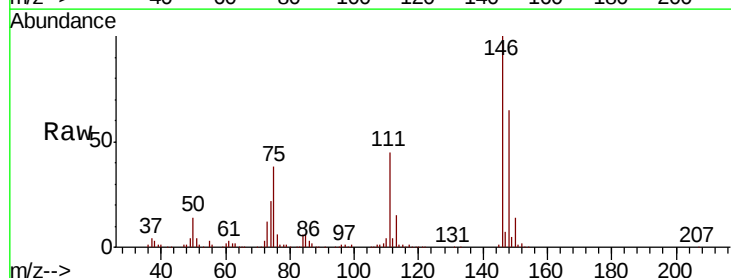
RT: 8.00 min Scan# 853

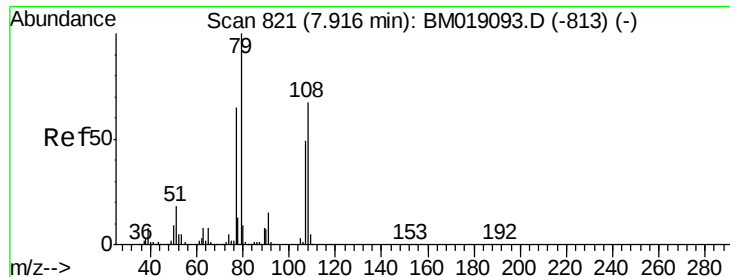
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:	146	Resp:	644905
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.6
111	45.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 43.564 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 672498

Ion Ratio Lower Upper

79 100

108 66.6 53.7 80.5

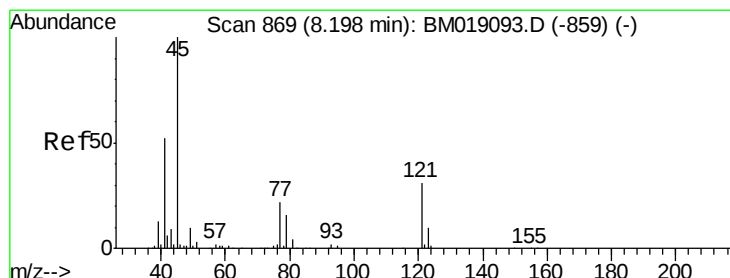
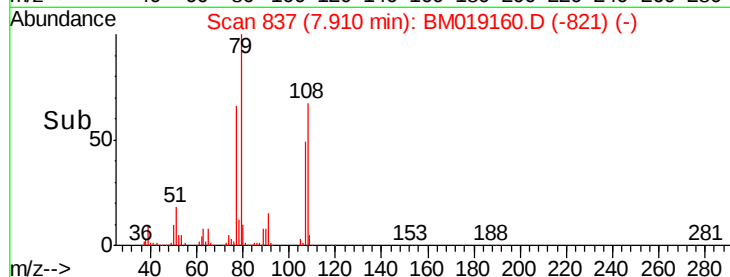
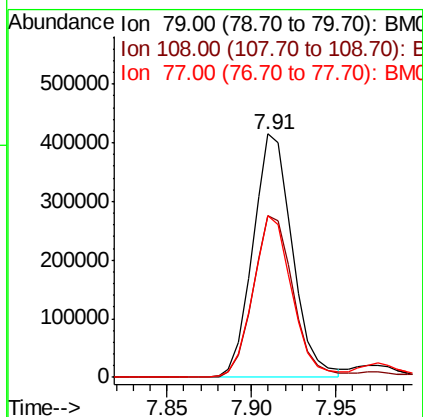
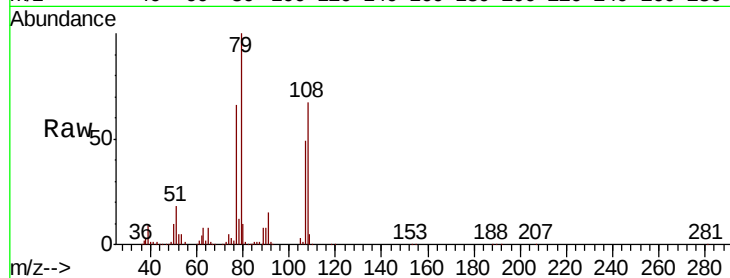
77 66.5 51.8 77.8

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.917 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

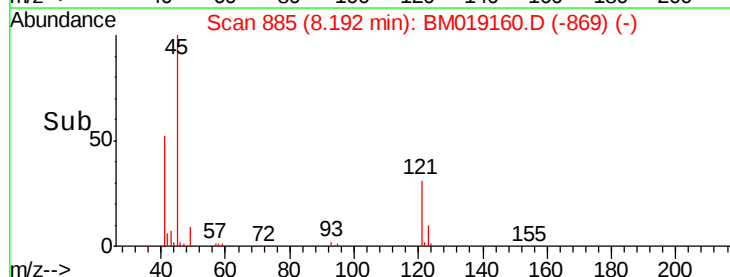
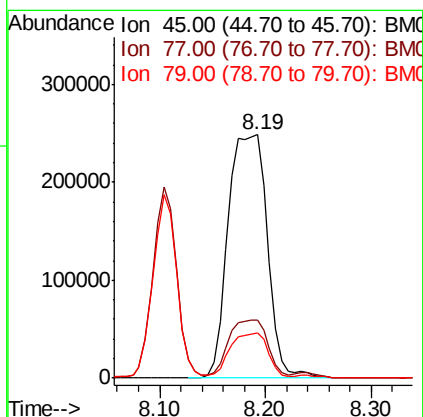
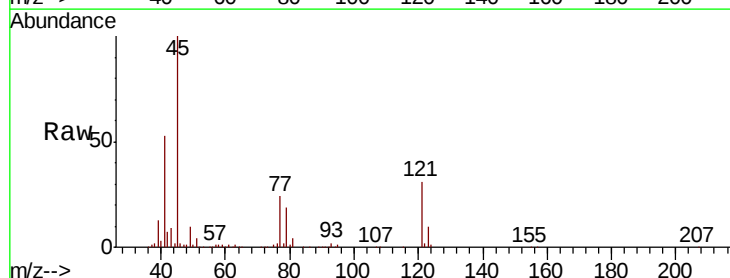
Tgt Ion: 45 Resp: 640849

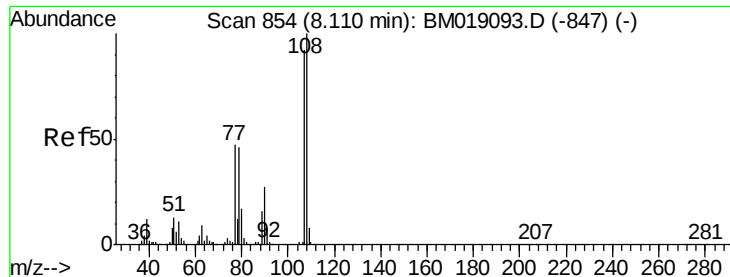
Ion Ratio Lower Upper

45 100

77 24.0 4.1 44.1

79 18.6 0.0 38.1





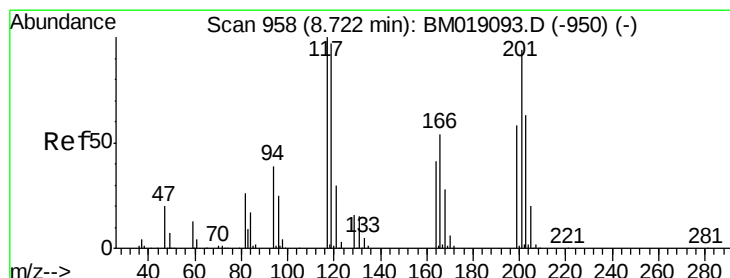
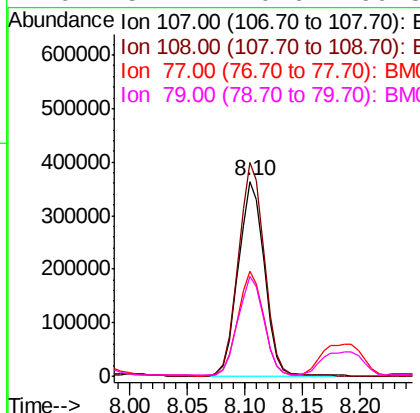
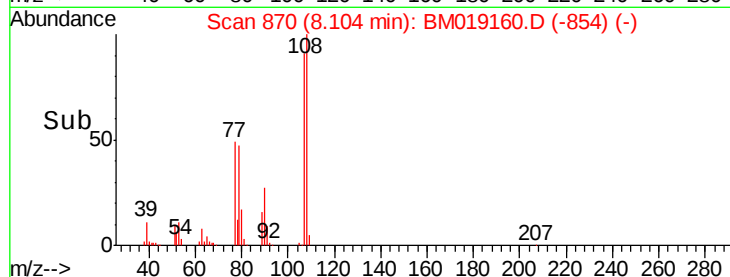
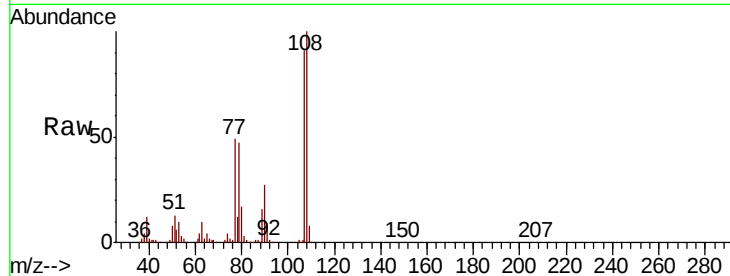
#17
2-Methylphenol
Concen: 43.534 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	87.4	131.2	
77	53.6	41.6	62.4	
79	51.4	40.6	60.8	

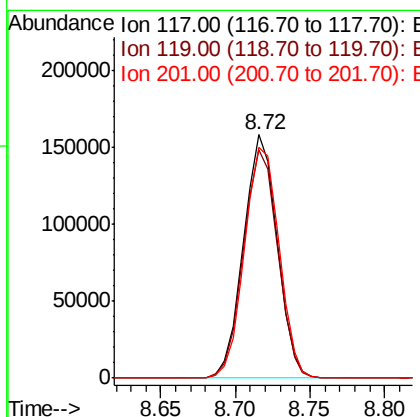
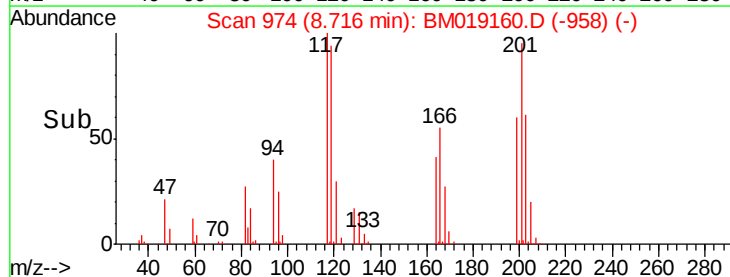
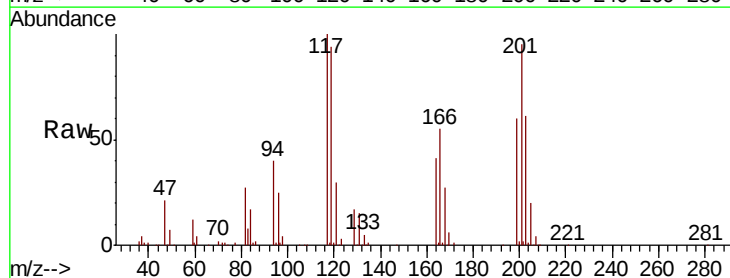
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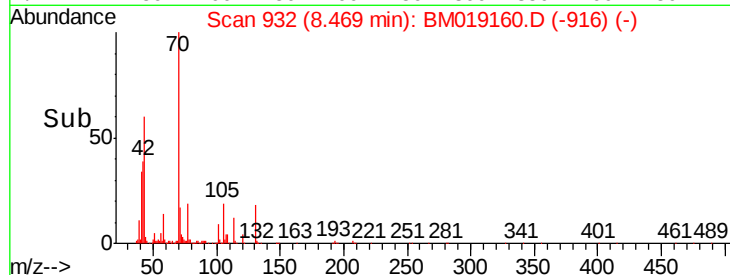
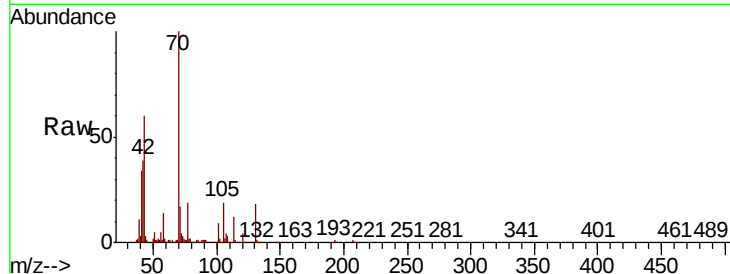
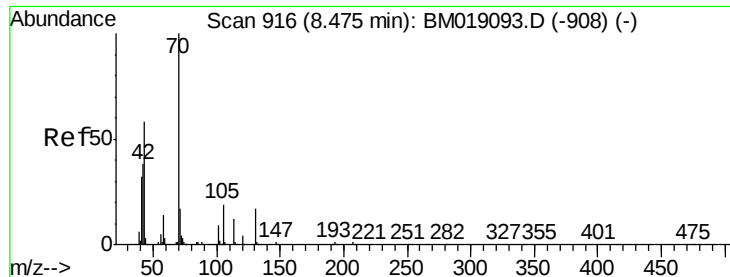
Sohil
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#18
Hexachloroethane
Concen: 40.118 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	77.4	116.2	
201	94.7	75.2	112.8	





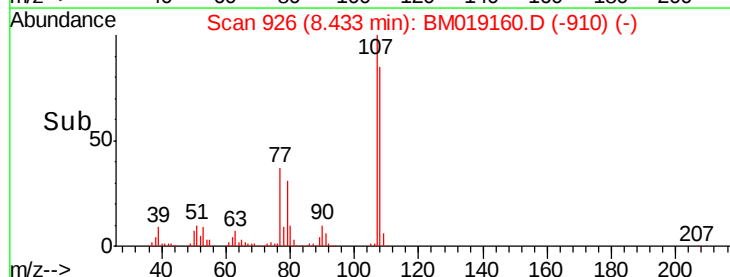
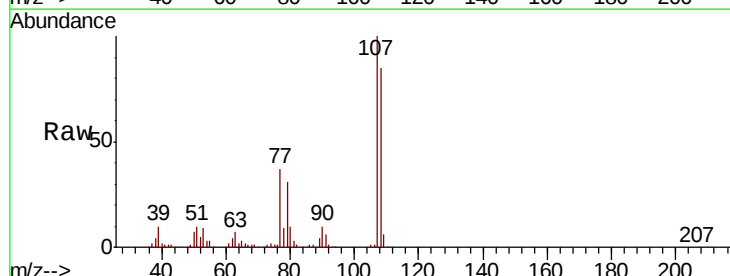
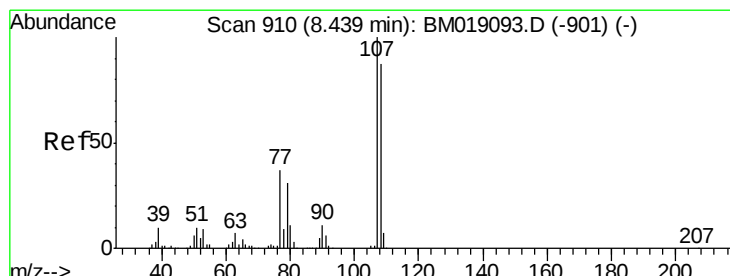
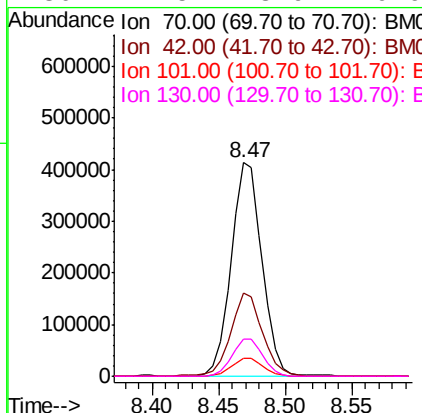
#19
n-Nitroso-di-n-propylamine
Concen: 43.413 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	39.0	30.6	45.8	
101	8.5	6.8	10.2	
130	17.5	13.9	20.9	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

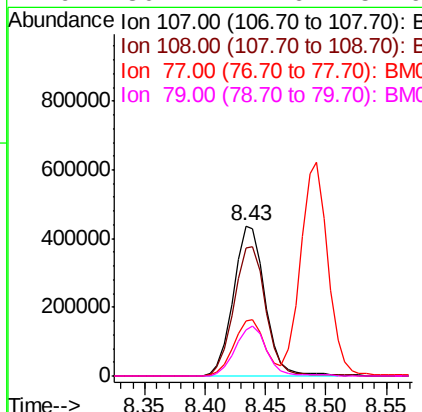
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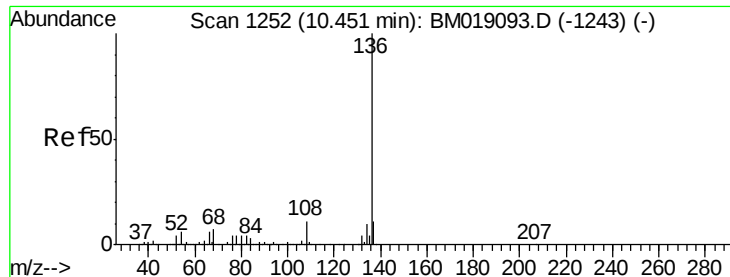
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#20
3+4-Methylphenols
Concen: 44.818 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	67.0	107.0	
77	36.8	17.3	57.3	
79	30.7	11.6	51.6	





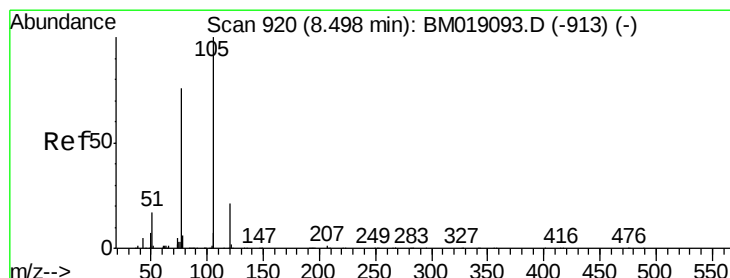
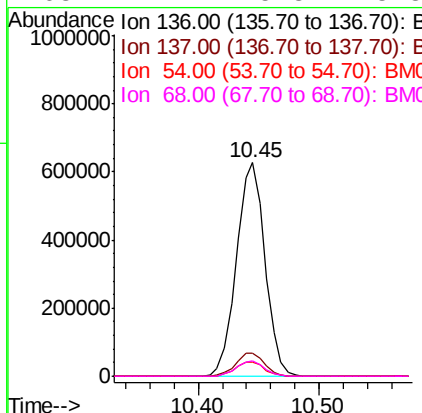
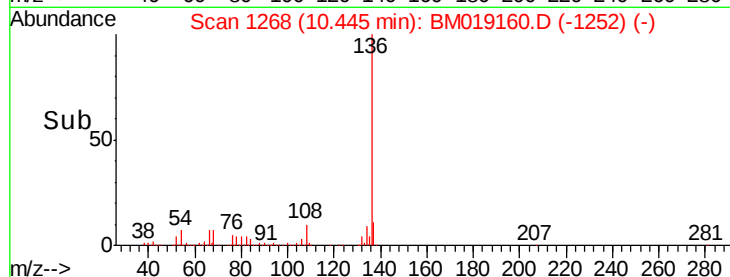
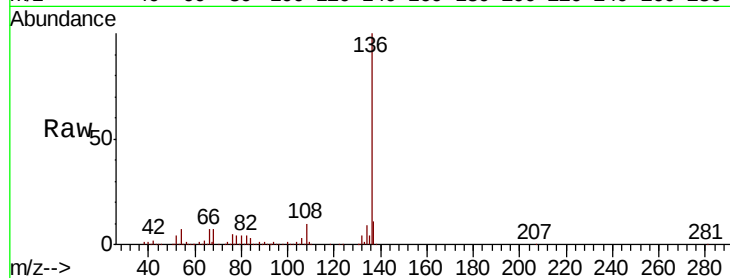
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	136	Resp	1031456
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.9	5.2	7.8
68	7.1	5.8	8.8

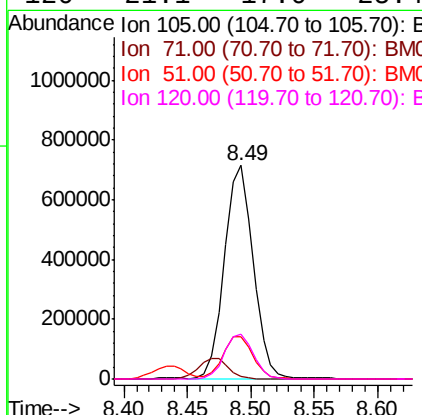
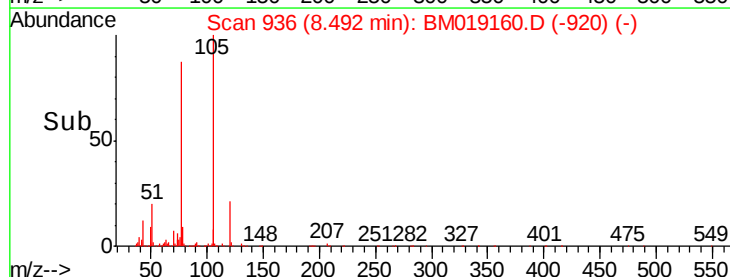
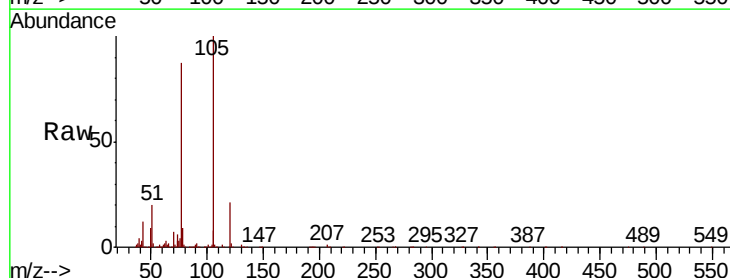
Manual Integrations
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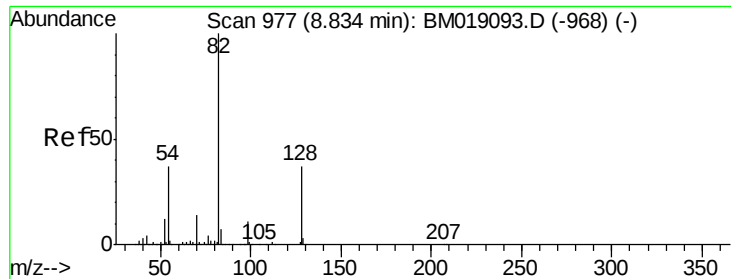
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#22
Acetophenone
Concen: 39.352 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	105	Resp	1121722
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.8	1.2
51	20.0	15.8	23.6
120	21.1	17.0	25.4





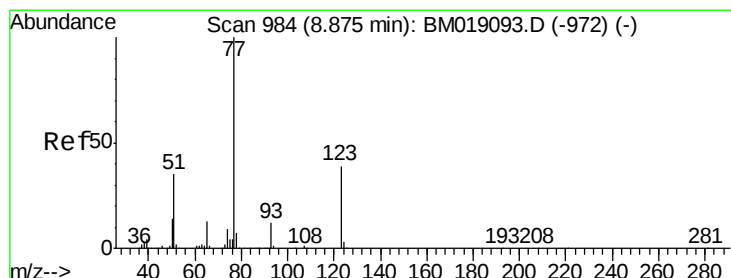
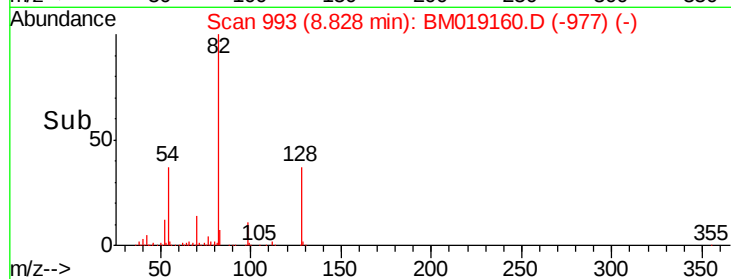
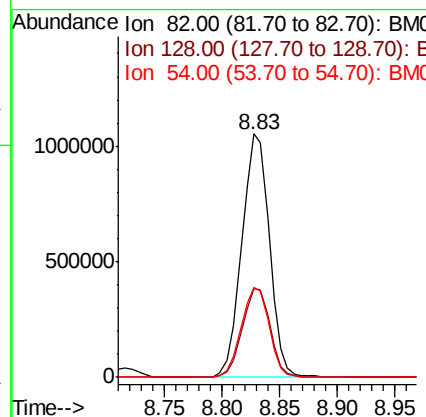
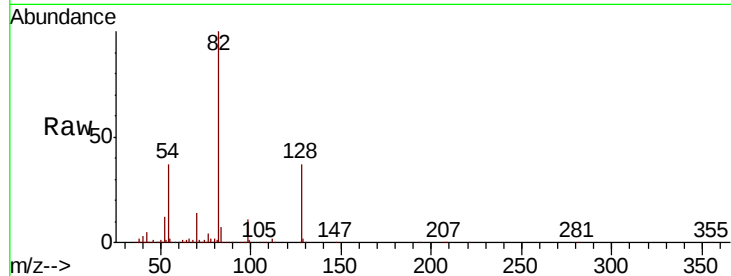
#23
 Nitrobenzene-d5
 Concen: 80.257 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 1751240
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.4 44.2
 54 37.1 29.9 44.9

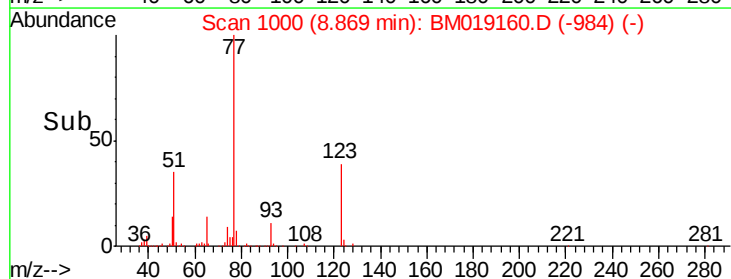
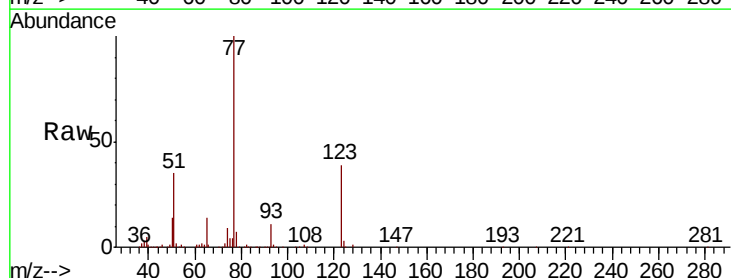
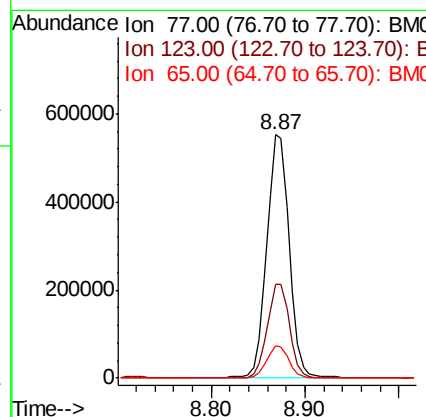
Manual Integrations
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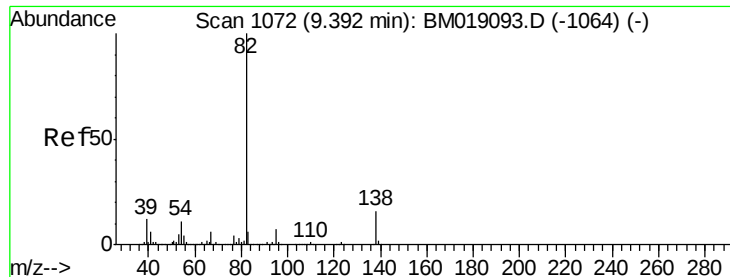
Sohil
 3/14/2019 3:38:08 PM



#24
 Nitrobenzene
 Concen: 40.146 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion: 77 Resp: 911059
 Ion Ratio Lower Upper
 77 100
 123 38.6 31.3 46.9
 65 13.6 10.5 15.7





#25

Isophorone

Concen: 40.782 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1698038

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

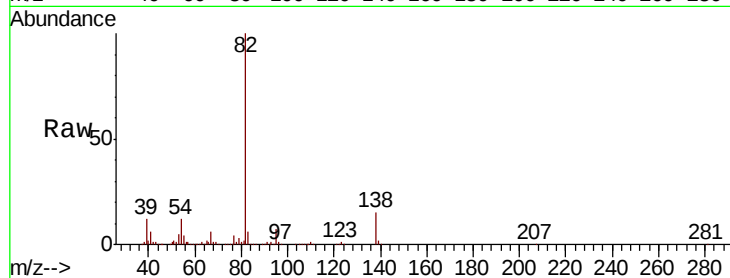
138 15.4 12.6 18.8

Manual Integrations

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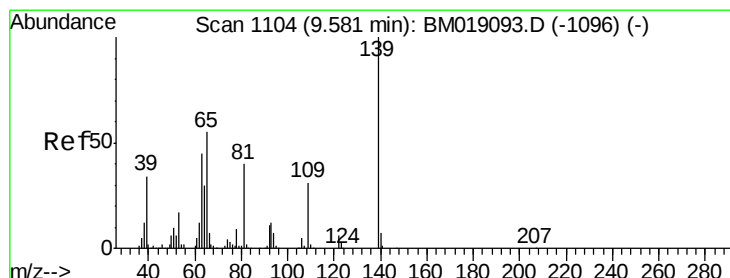
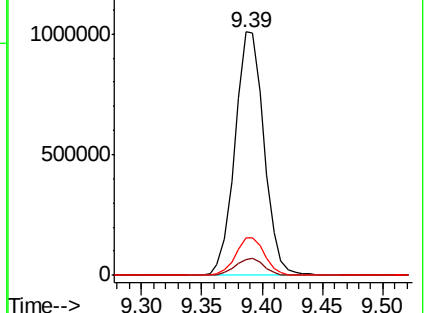
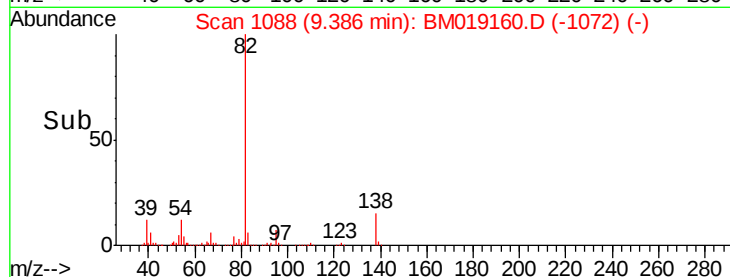
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Abundance Ion 82.00 (81.70 to 82.70): BM019160.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM019160.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM019160.D (-1072) (-)



#26

2-Nitrophenol

Concen: 41.690 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

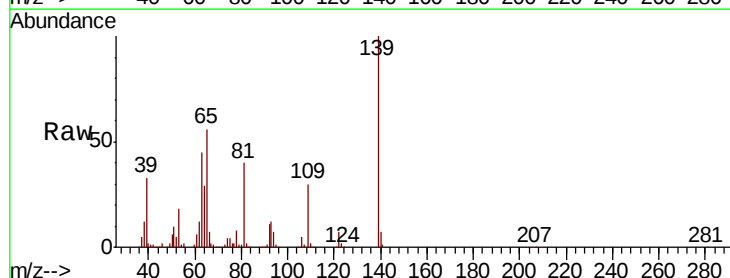
Tgt Ion: 139 Resp: 392168

Ion Ratio Lower Upper

139 100

109 30.2 24.5 36.7

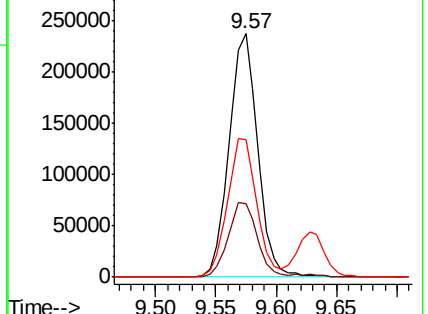
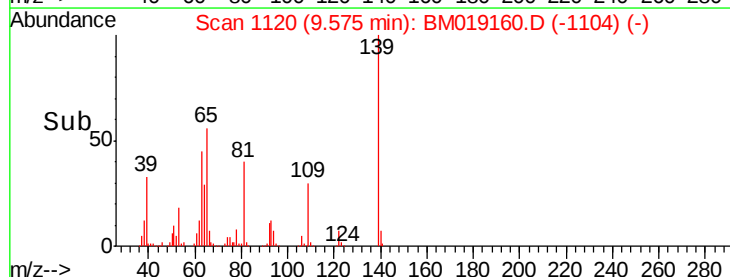
65 56.5 44.4 66.6



Abundance Ion 139.00 (138.70 to 139.70): BM019160.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM019160.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM019160.D (-1104) (-)





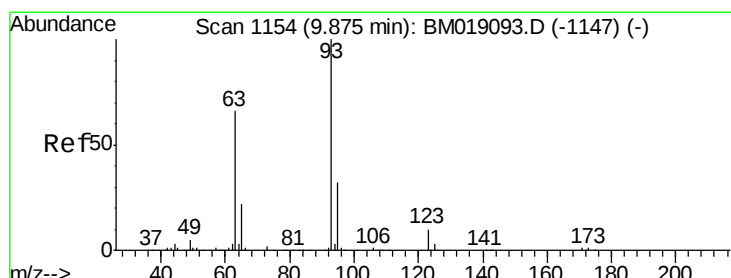
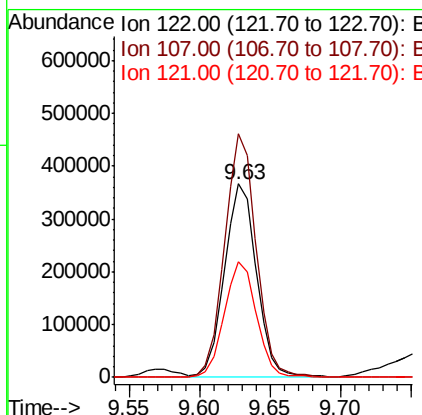
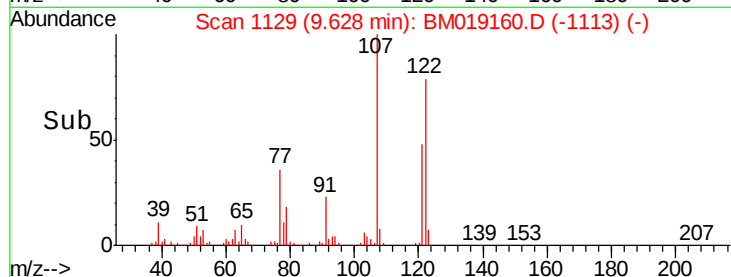
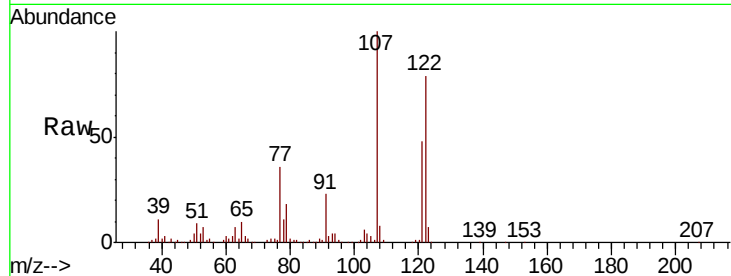
#27
2,4-Dimethylphenol
Concen: 41.065 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.8	98.2	147.4
121	60.0	48.8	73.2

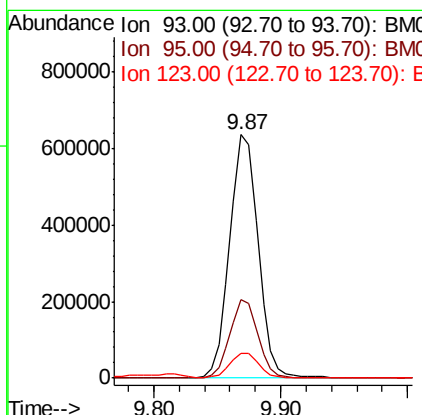
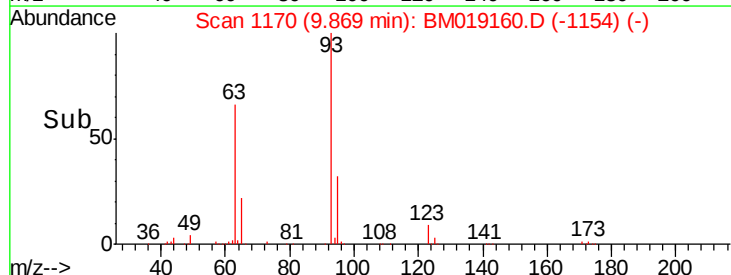
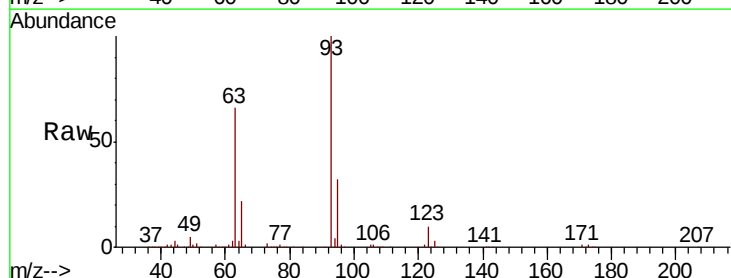
Manual Integrations
APPROVED

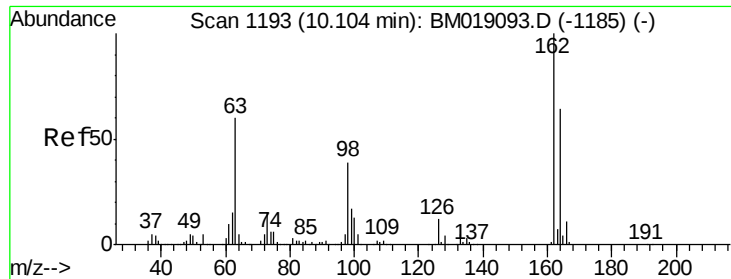
Sohil
3/14/2019 3:38:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.187 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.8
123	10.3	7.9	11.9





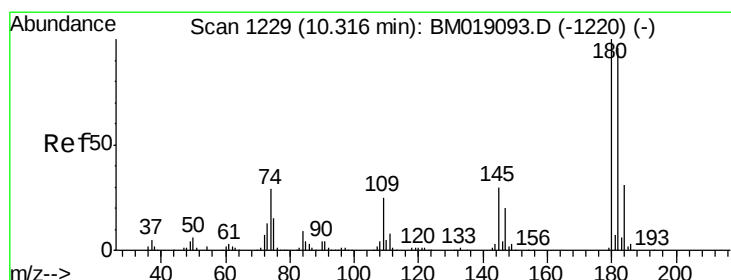
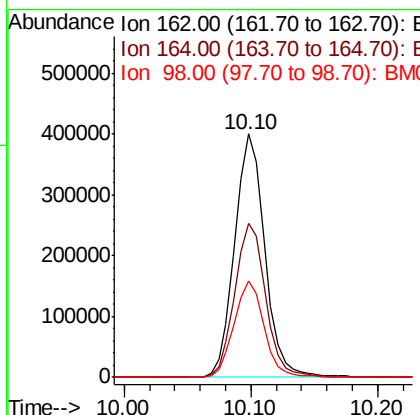
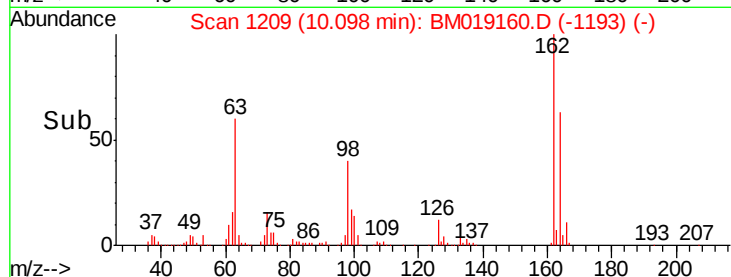
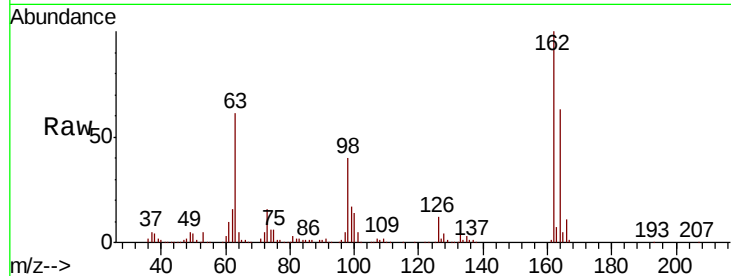
#29
2,4-Dichlorophenol
Concen: 42.481 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	657945		
164	63.3	43.5	83.5	
98	39.6	19.1	59.1	

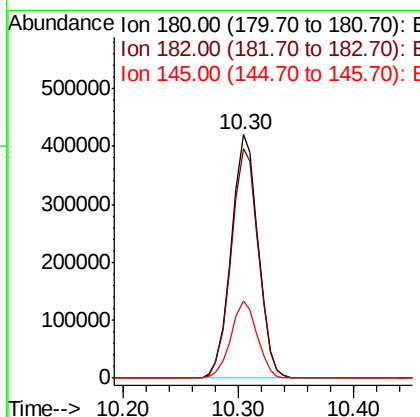
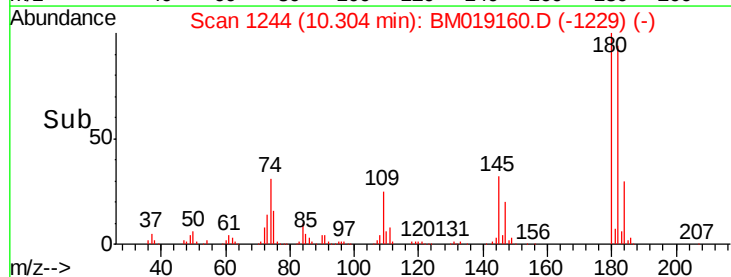
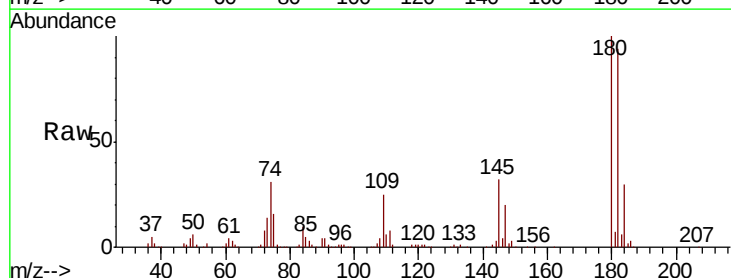
Manual Integrations
APPROVED

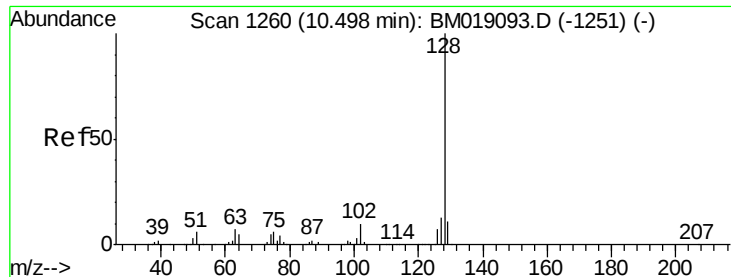
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.769 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	677074		
182	94.4	76.6	114.8	
145	31.6	24.3	36.5	





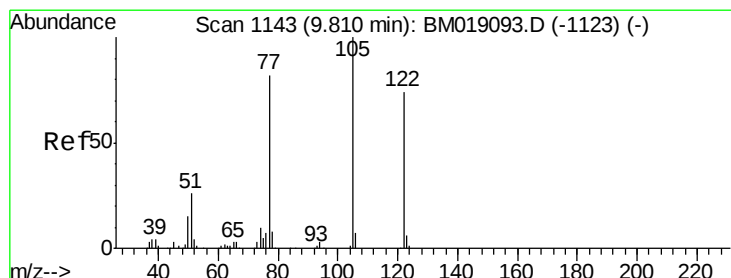
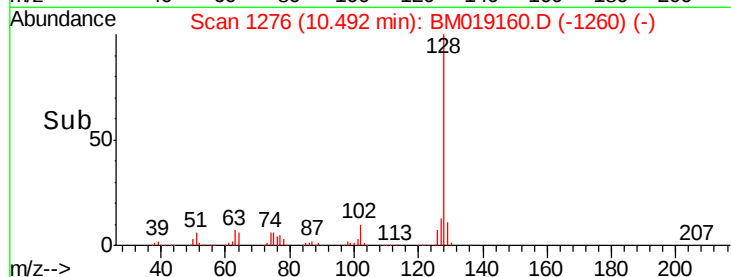
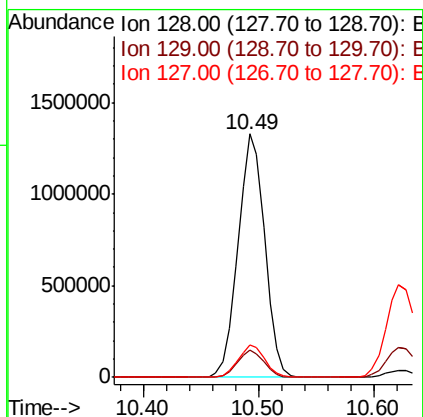
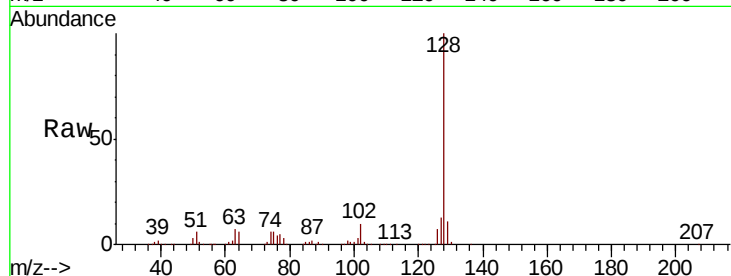
#31
Naphthalene
Concen: 39.129 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.4	15.6

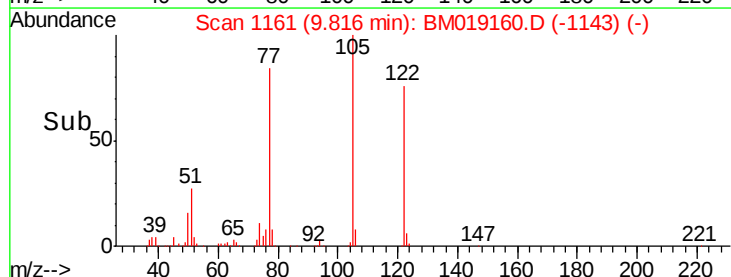
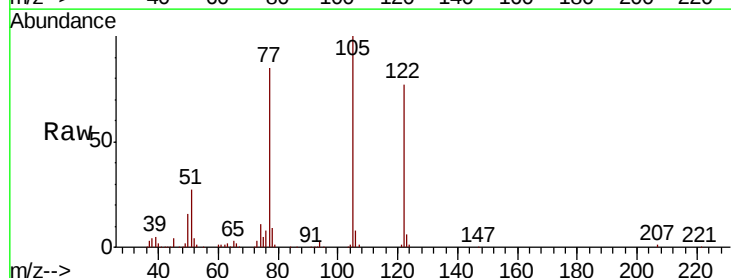
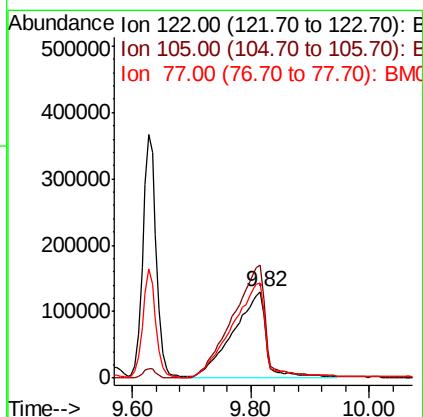
Manual Integrations
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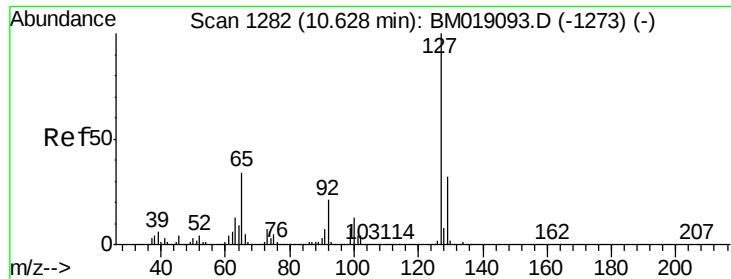
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#32
Benzoic acid
Concen: 43.074 ng m
RT: 9.82 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	113.0	153.0
77	110.8	90.1	130.1





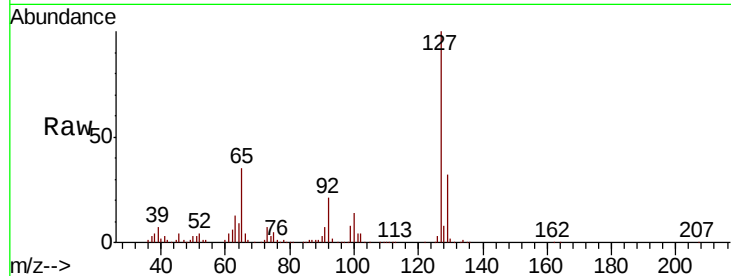
#33
4-Chloroaniline
Concen: 41.771 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	34.8	27.4	41.2
92	21.4	16.8	25.2

Manual Integrations
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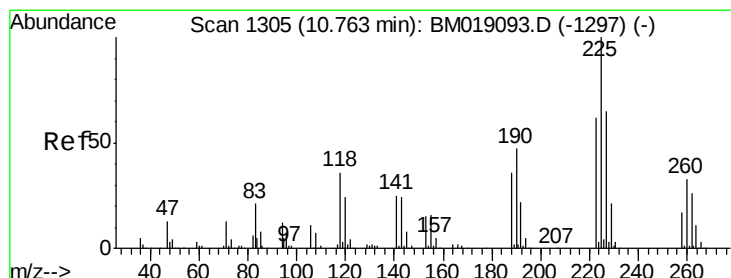
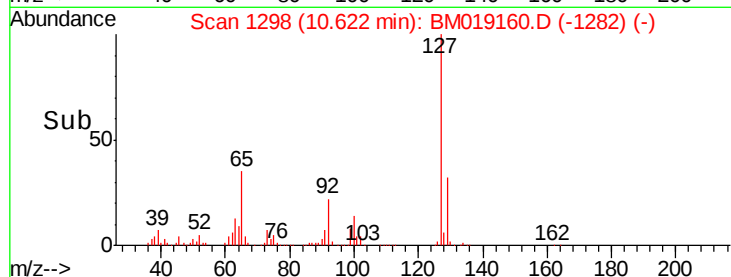
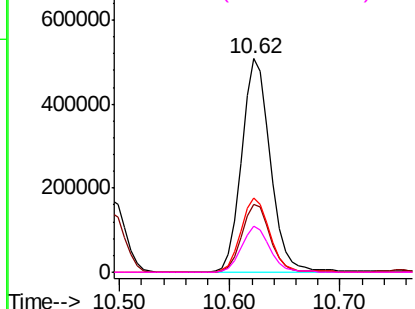
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

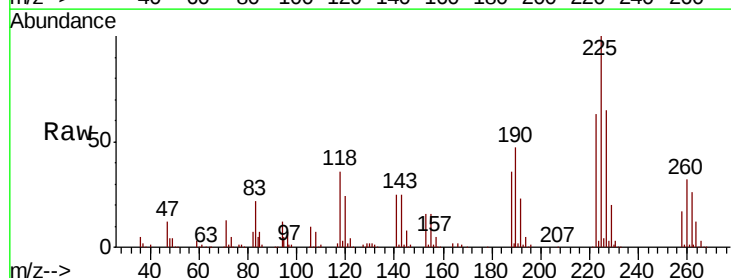
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.180 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	64.7	51.6	77.4

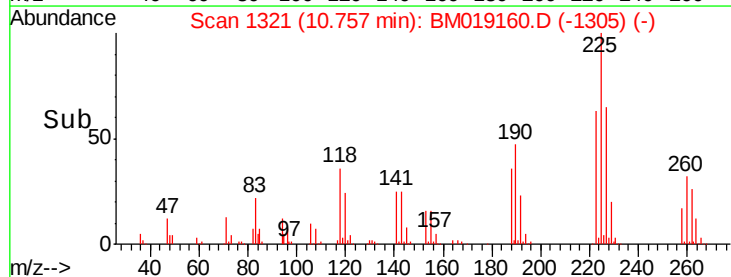
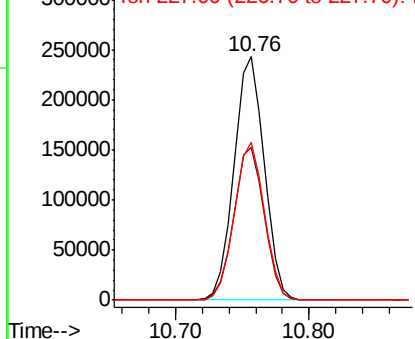


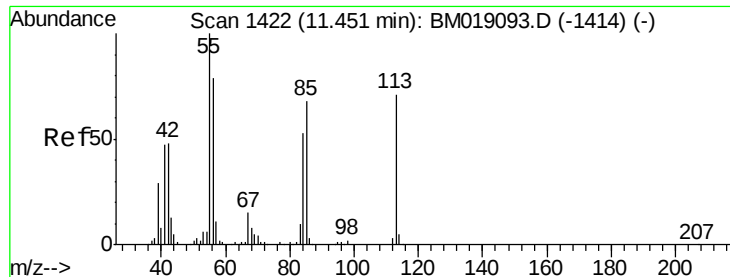
Abundance

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





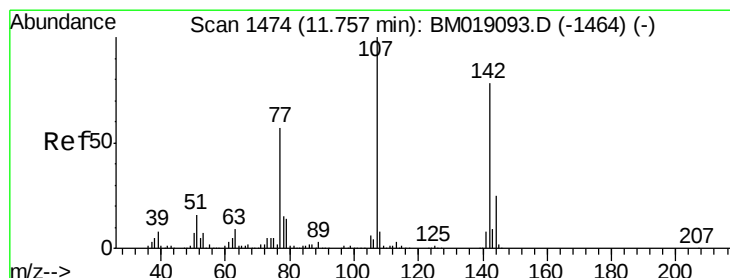
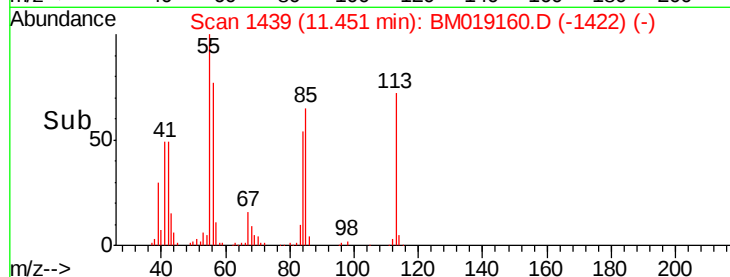
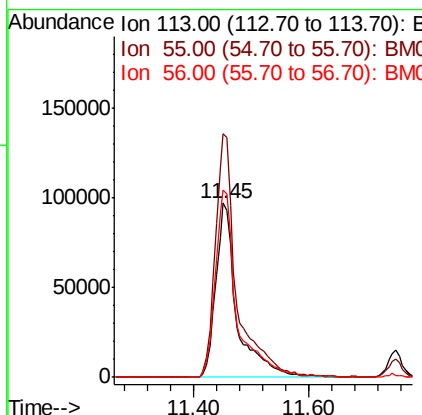
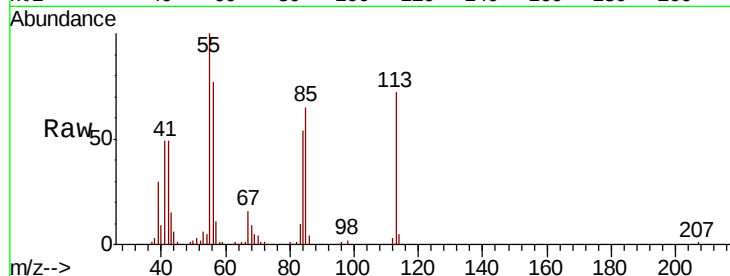
#35
Caprolactam
Concen: 45.046 ng/ml
RT: 11.45 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.8	120.1	160.1
56	107.5	90.1	130.1

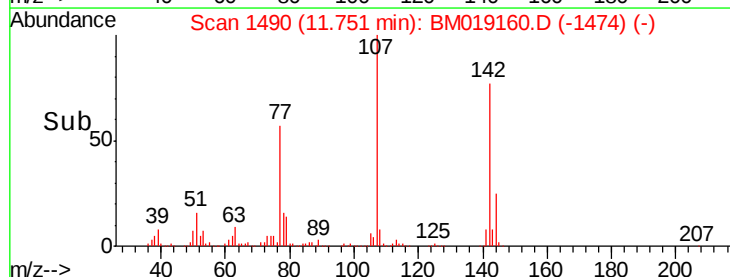
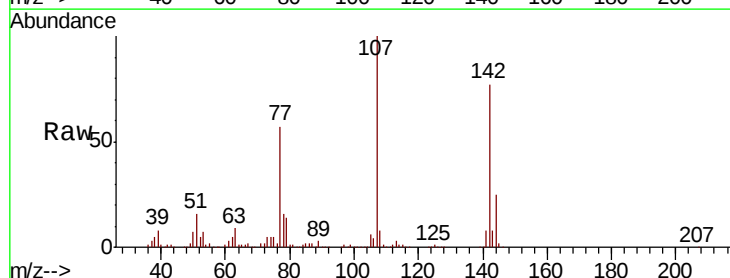
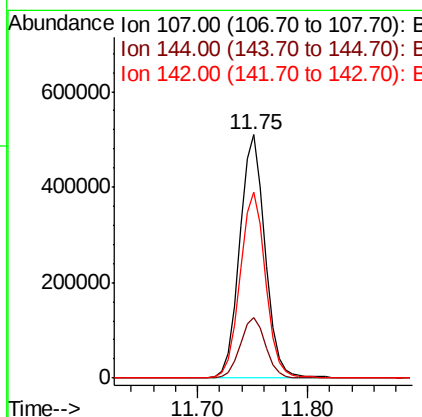
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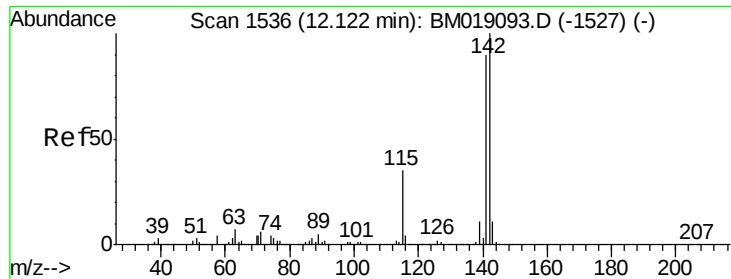
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#36
4-Chloro-3-methylphenol
Concen: 43.293 ng/ml
RT: 11.75 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.2	30.4
142	76.6	62.4	93.6





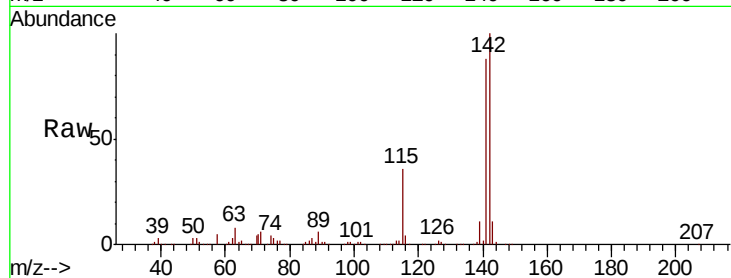
#37
2-Methylnaphthalene
Concen: 40.218 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

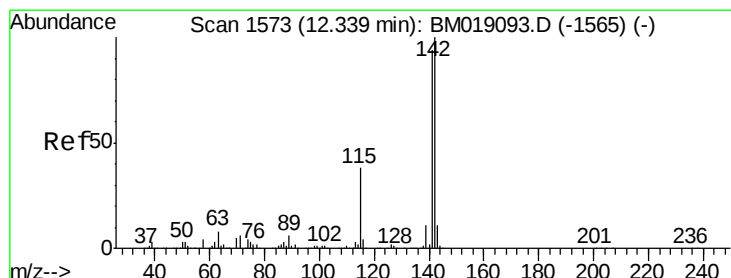
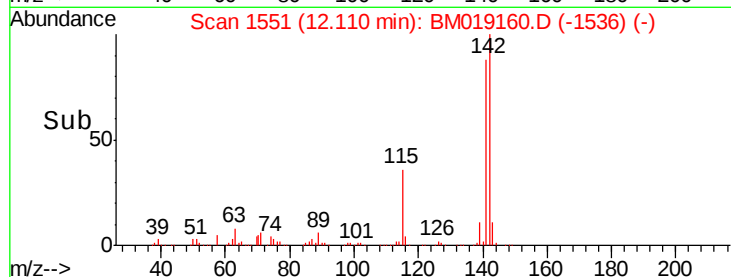
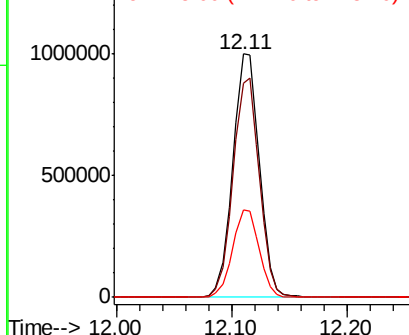
Tot Ion:142 Resp: 1588854
Ion Ratio Lower Upper
142 100
141 88.1 72.3 108.5
115 35.9 27.8 41.8

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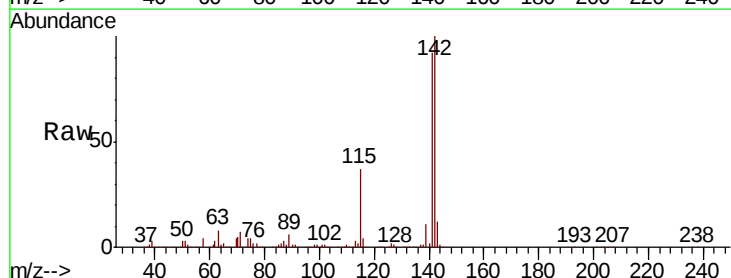


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

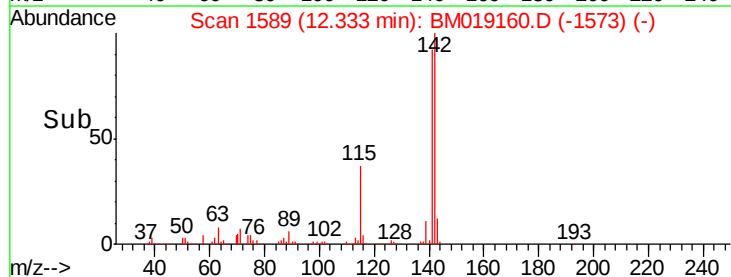
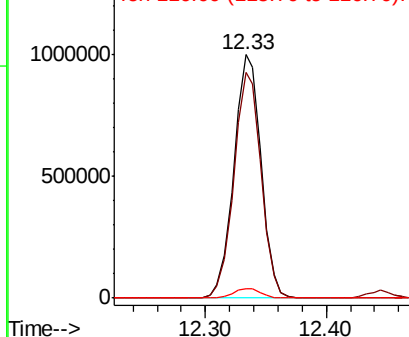


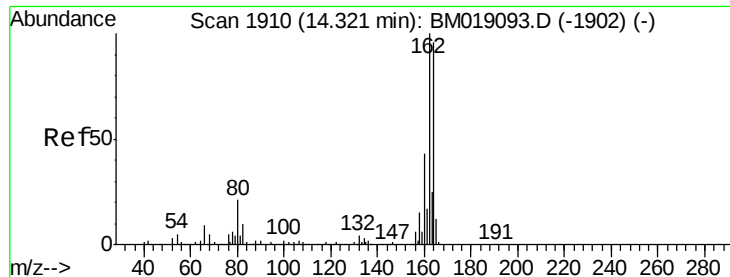
#38
1-Methylnaphthalene
Concen: 40.101 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:142 Resp: 1561513
Ion Ratio Lower Upper
142 100
141 92.5 74.9 112.3
116 4.0 3.2 4.8



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





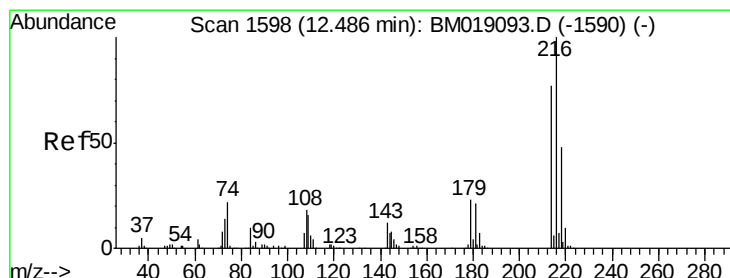
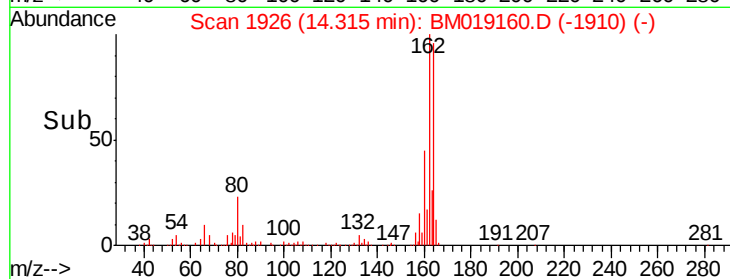
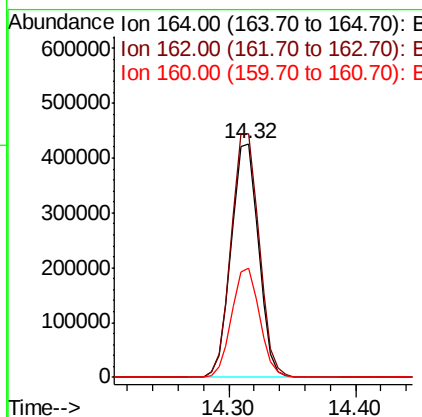
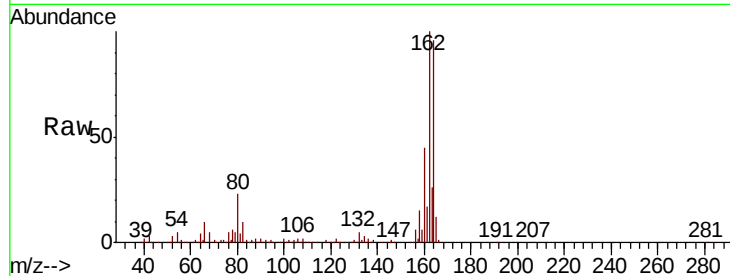
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.5	125.3
160	46.8	36.3	54.5

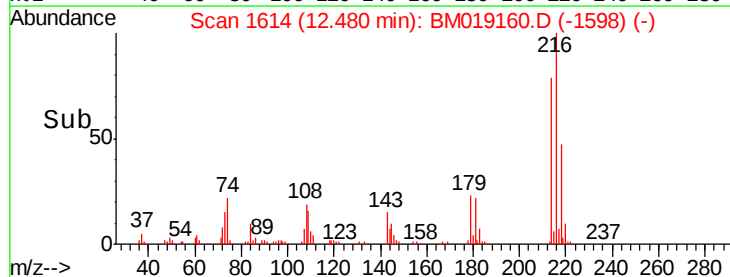
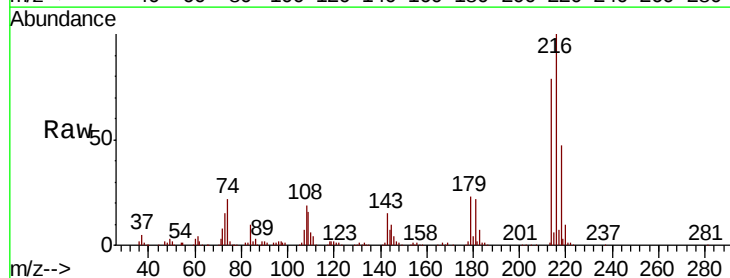
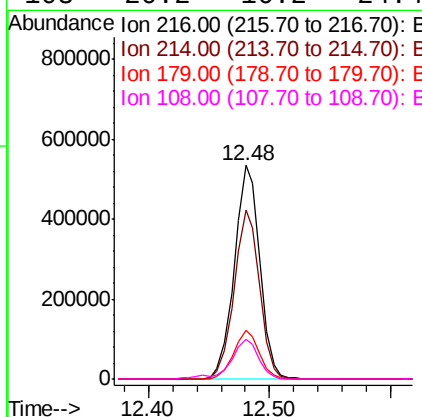
Manual Integrations
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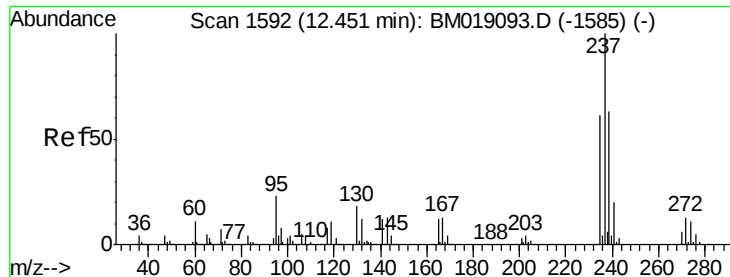
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.162 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	22.5	18.0	27.0
108	20.2	16.2	24.4





#41

Hexachlorocyclopentadiene

Concen: 36.730 ng

RT: 12.44 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

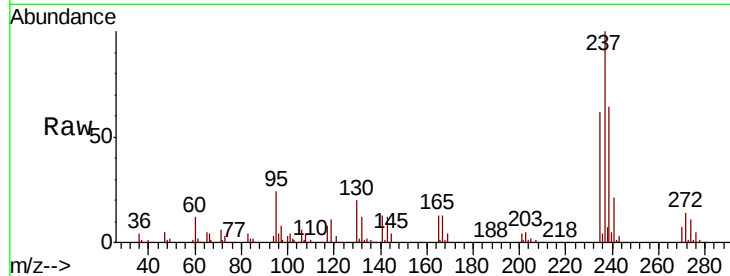
ClientSampleId :

SSTDCCC040EC

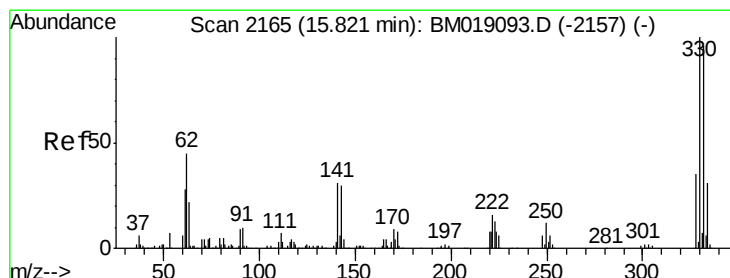
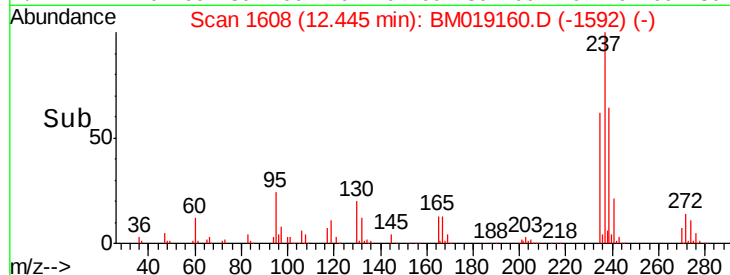
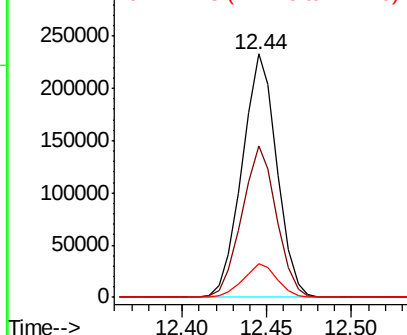
Tot Ion:	237	Resp:	333838
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.3	81.3
272	13.8	0.0	33.1

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



#42

2,4,6-Tribromophenol

Concen: 85.158 ng

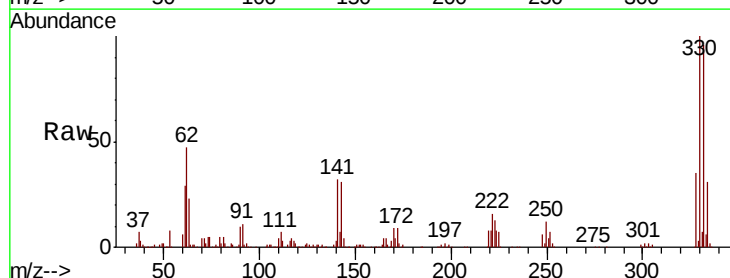
RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

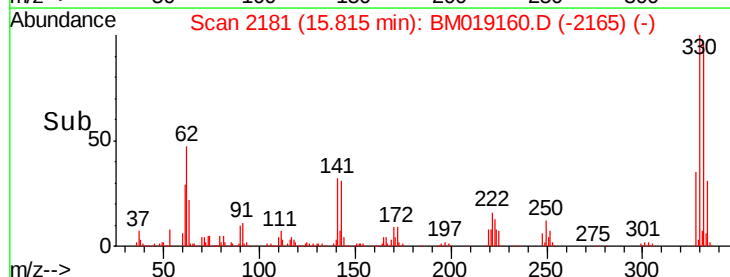
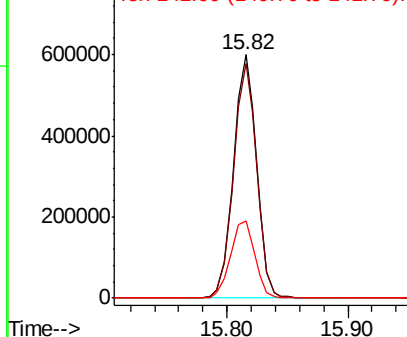
Lab File: BM019160.D

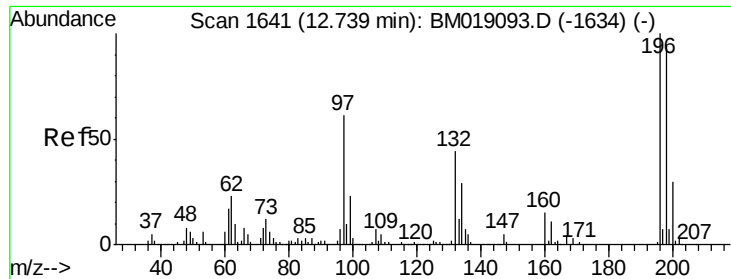
Acq: 13 Mar 2019 23:46

Tgt Ion:	330	Resp:	797562
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.8	115.2
141	33.7	27.0	40.4



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





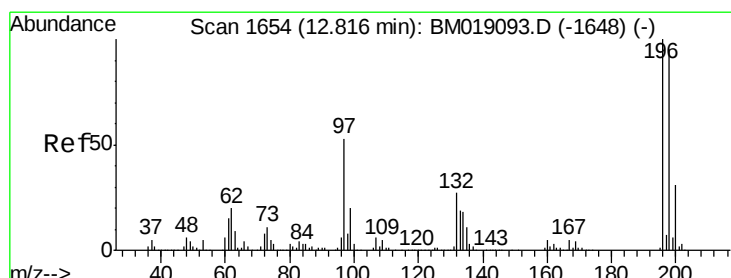
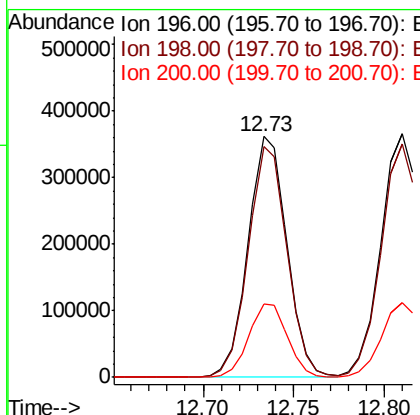
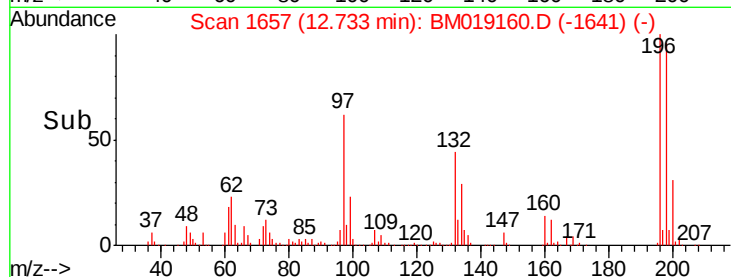
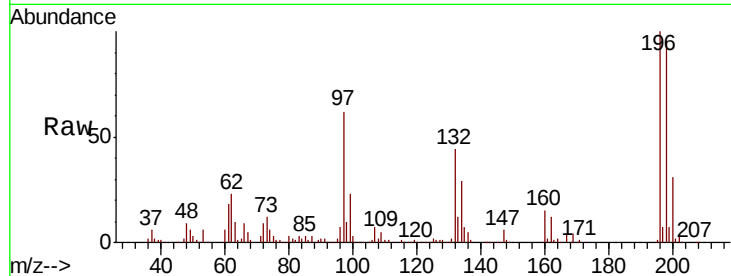
#43
2,4,6-Trichlorophenol
Concen: 41.672 ng
RT: 12.73 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.4	113.0
200	30.5	24.2	36.2

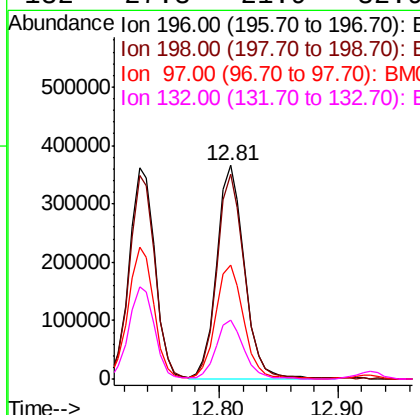
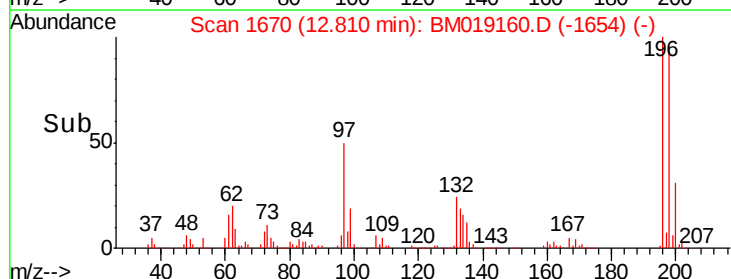
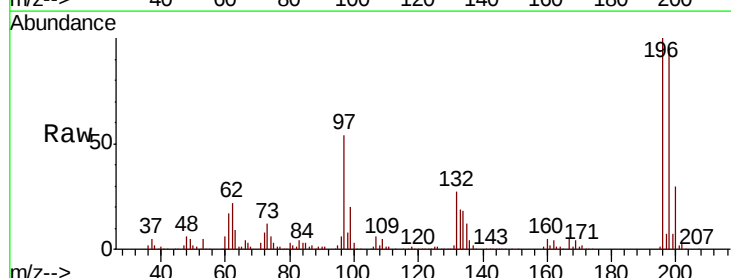
Manual Integrations
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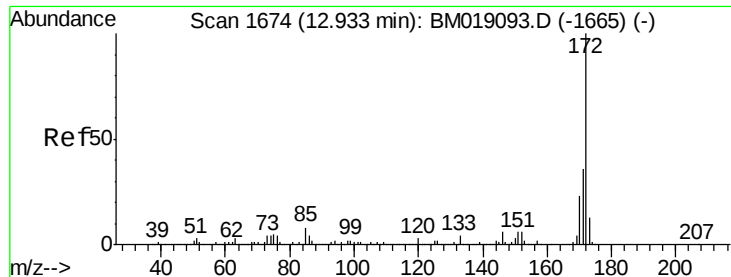
Sohil
3/14/2019 3:38:08 PM



#44
2,4,5-Trichlorophenol
Concen: 43.007 ng m
RT: 12.81 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.9	113.9
97	53.5	42.5	63.7
132	27.3	21.9	32.9





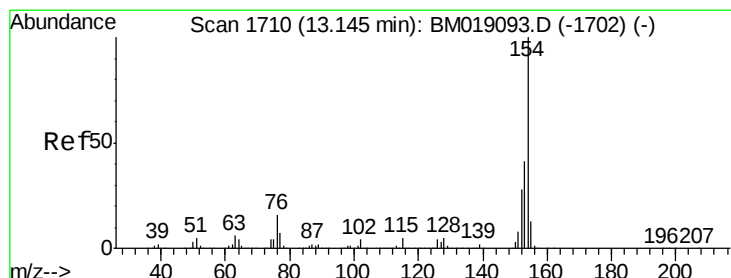
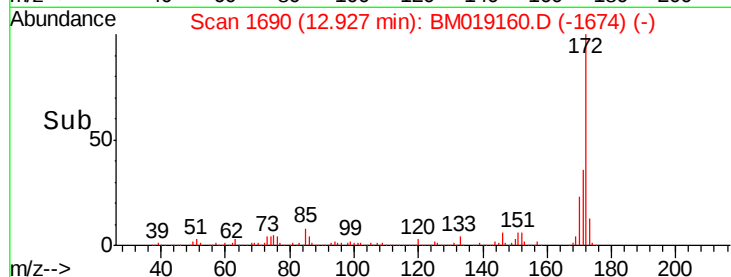
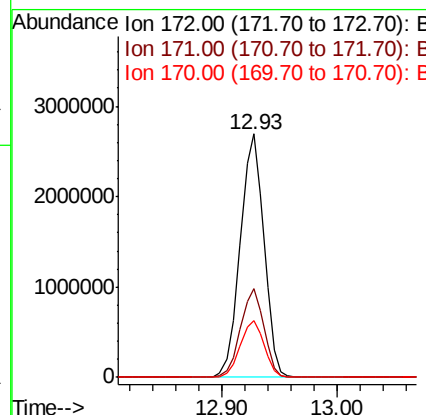
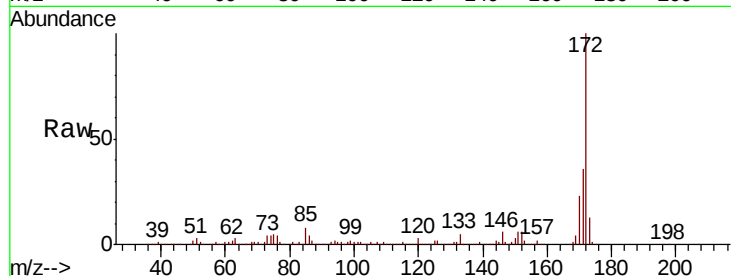
#45
2-Fluorobiphenyl
Concen: 78.454 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	23.4	18.6	28.0

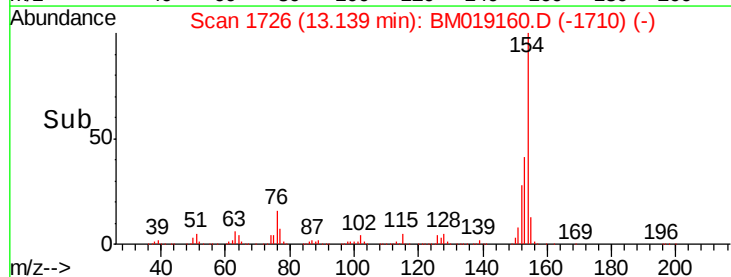
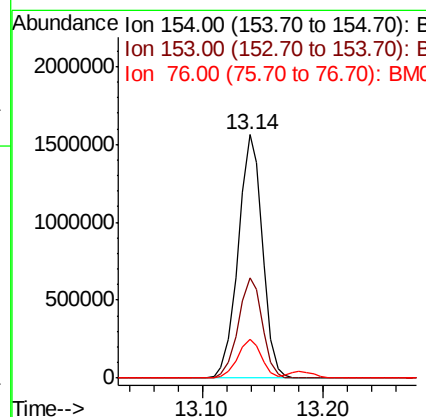
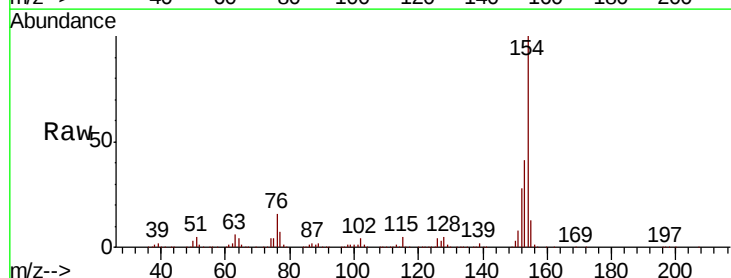
Manual Integrations
APPROVED

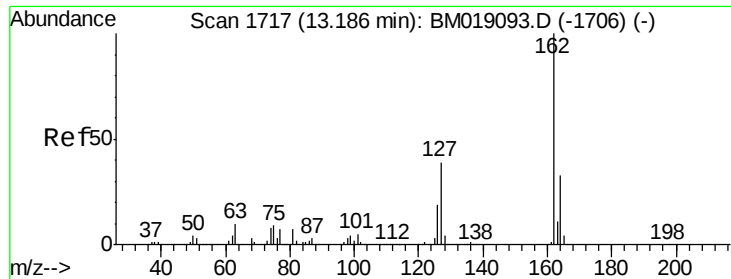
Sohil
3/14/2019 3:38:08 PM



#46
1,1'-Biphenyl
Concen: 39.323 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	15.8	0.0	35.8





#47

2-Chloronaphthalene

Concen: 39.779 ng

RT: 13.18 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

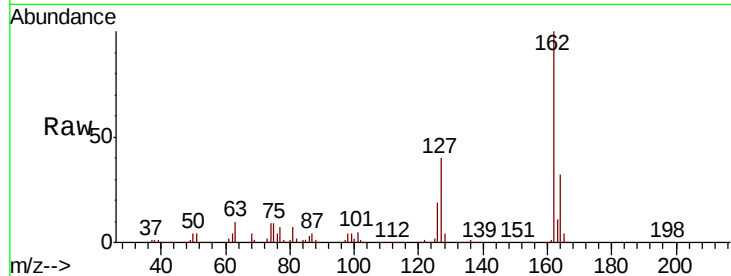
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	1644857
Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.2	46.8
164	32.5	26.3	39.5

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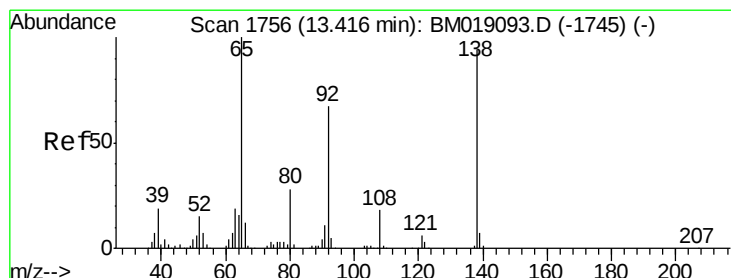
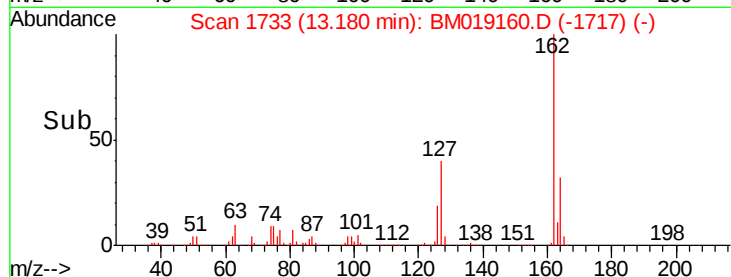
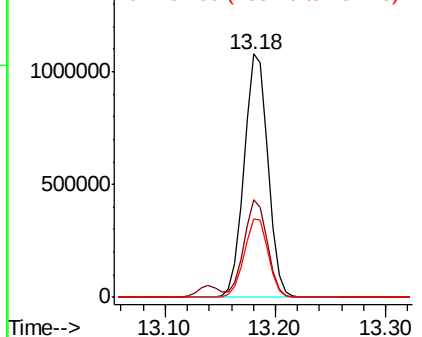


Abundance

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: 43.059 ng

RT: 13.41 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

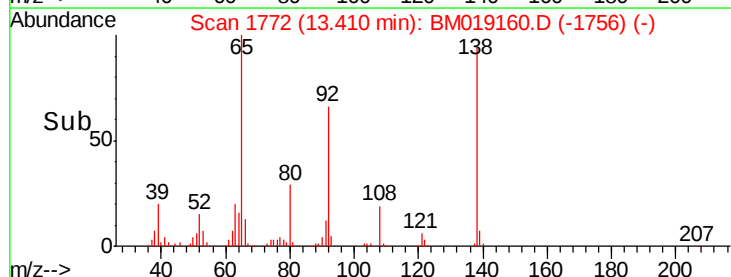
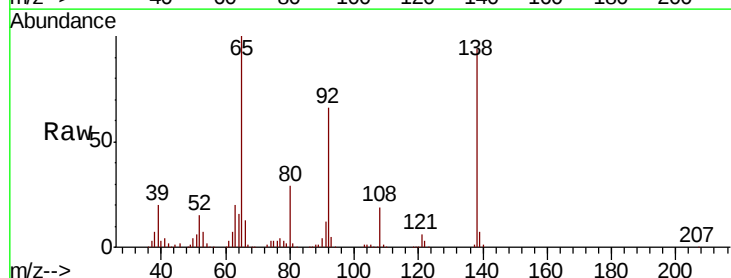
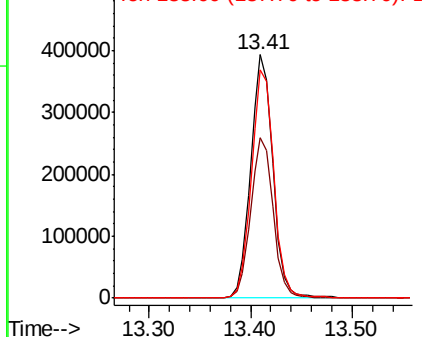
Tgt Ion:	65	Resp:	597132
Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.4	80.2
138	93.9	74.9	112.3

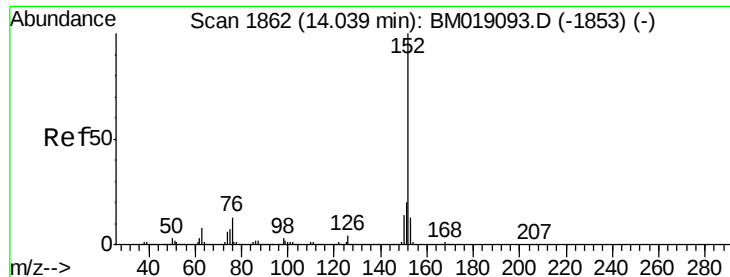
Abundance

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: 40.140 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 2806490

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

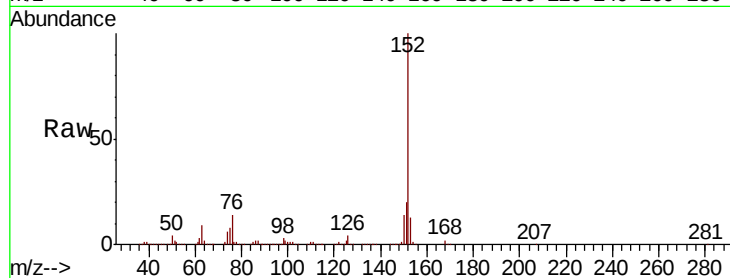
153 12.8 10.6 15.8

Manual Integrations

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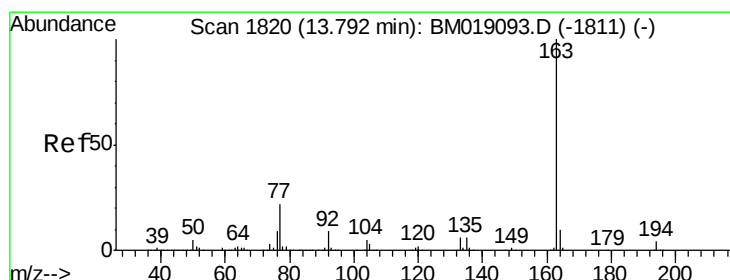
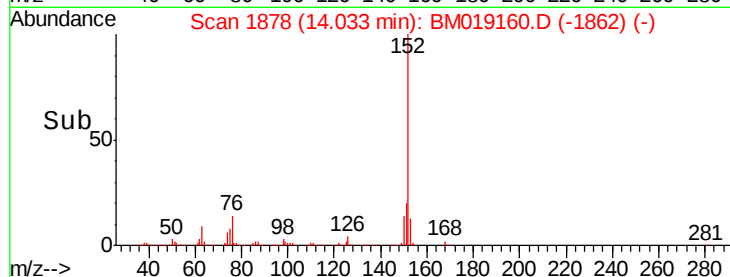
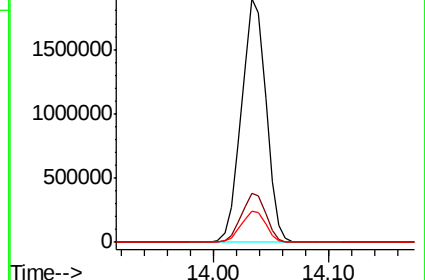
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.817 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

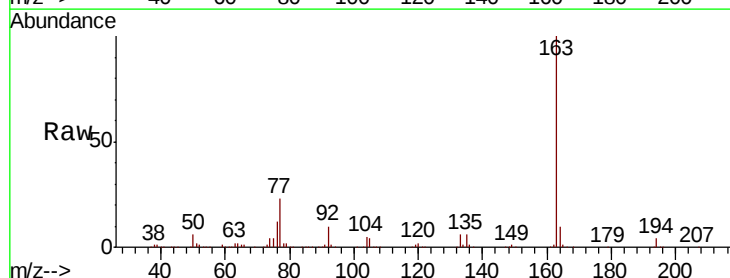
Tgt Ion:163 Resp: 2160651

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

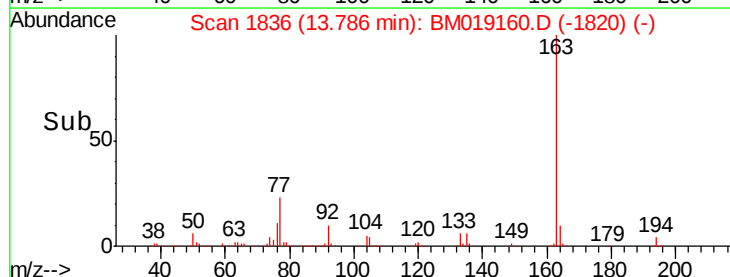
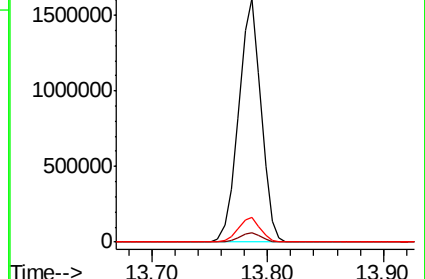
164 9.9 7.7 11.5

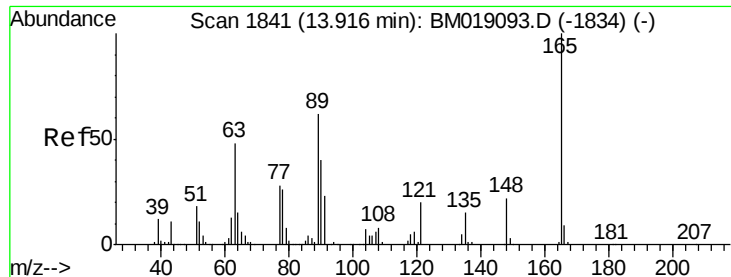


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





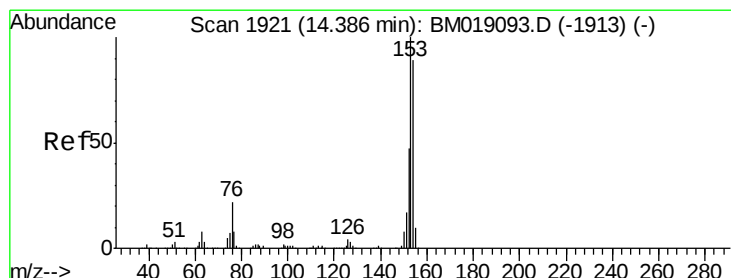
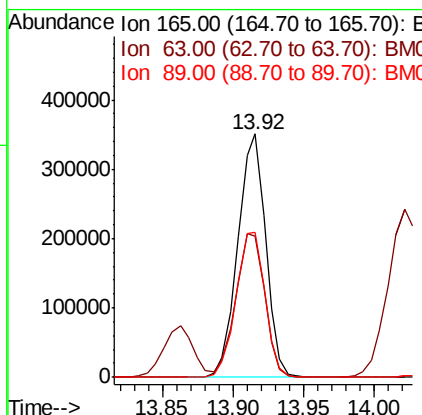
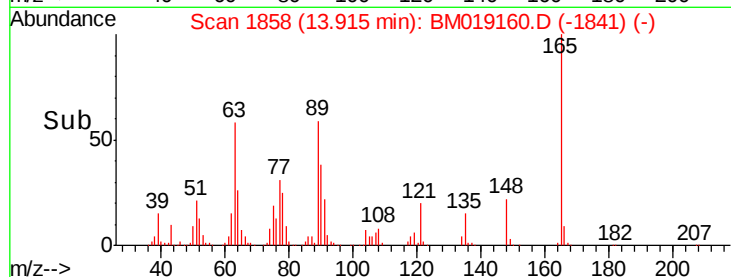
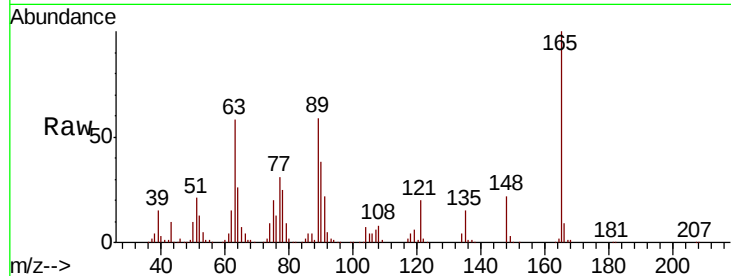
#51
2,6-Dinitrotoluene
Concen: 41.223 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	483567		
63	58.2		48.2	72.4
89	59.4		49.3	73.9

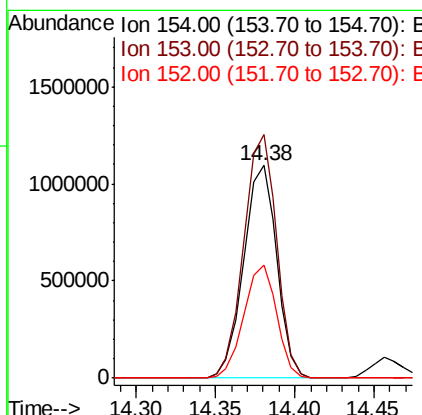
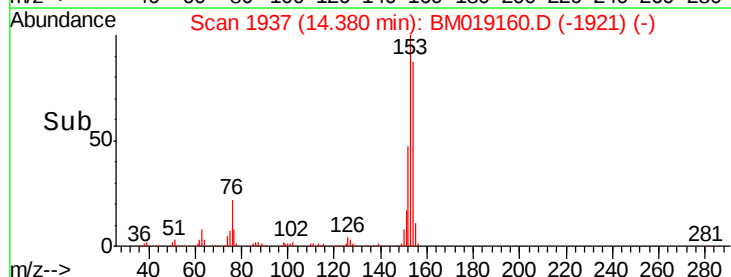
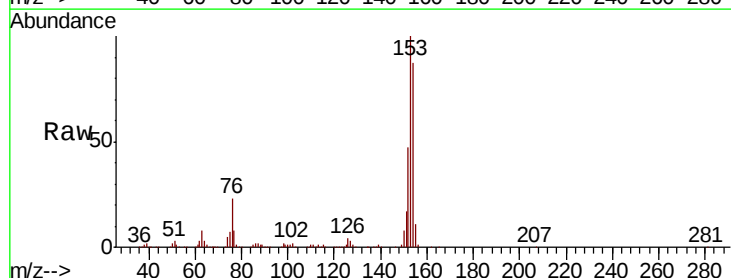
Manual Integrations
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#52
Acenaphthene
Concen: 39.483 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1586214		
153	114.5		90.1	135.1
152	53.3		42.5	63.7





#53

3-Nitroaniline

Concen: 40.545 ng

RT: 14.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

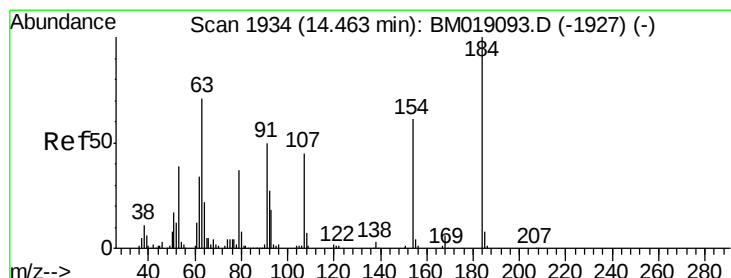
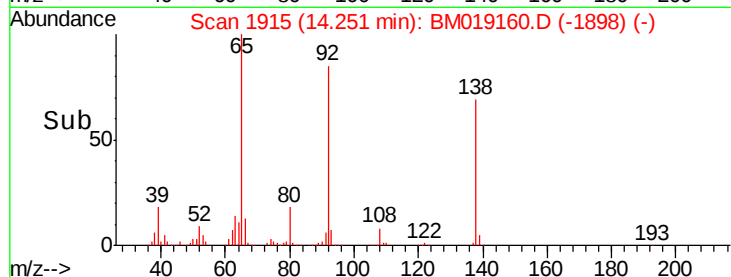
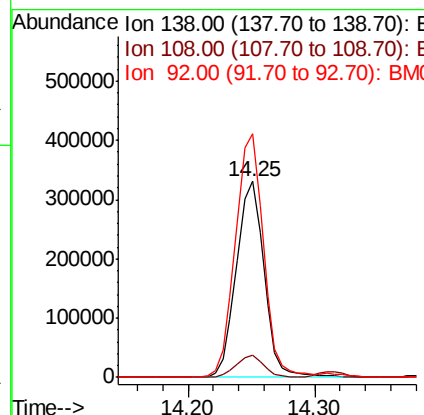
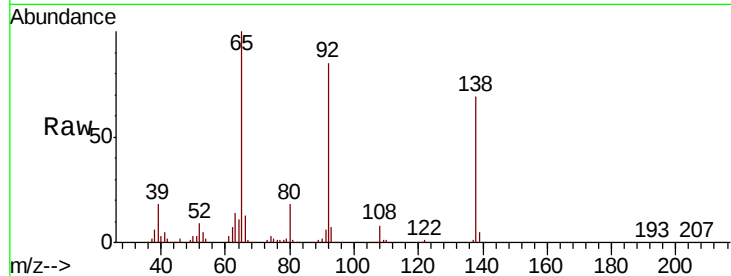
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.4
92	124.1	102.6	153.8

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 37.405 ng

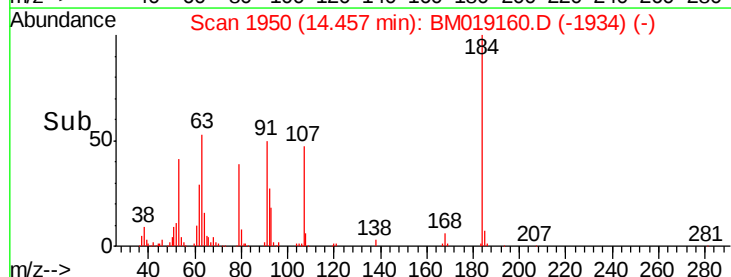
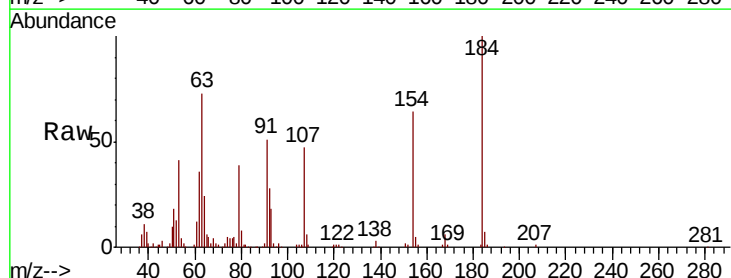
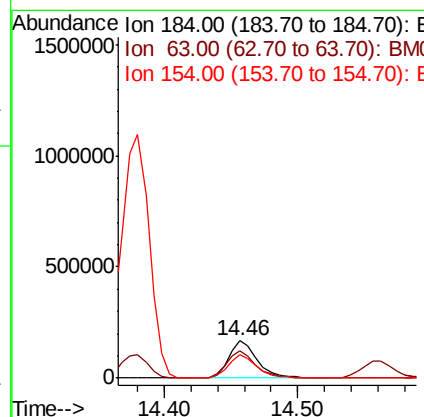
RT: 14.46 min Scan# 1950

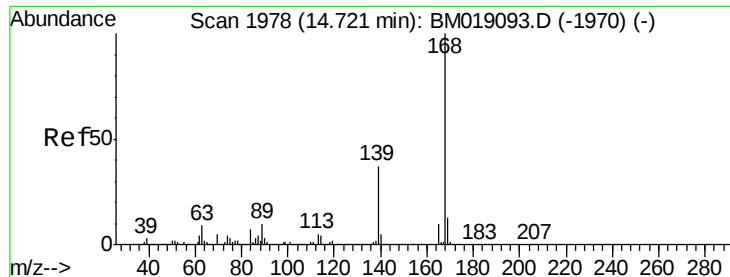
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.2	56.7	85.1
154	63.8	49.3	73.9





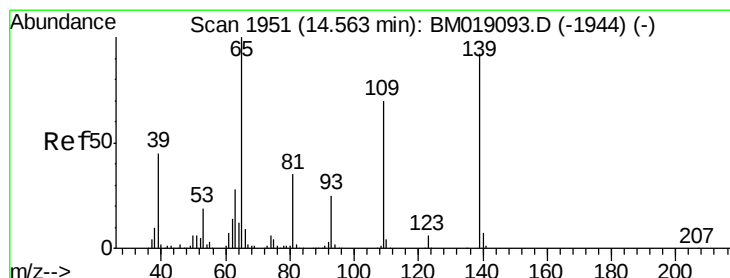
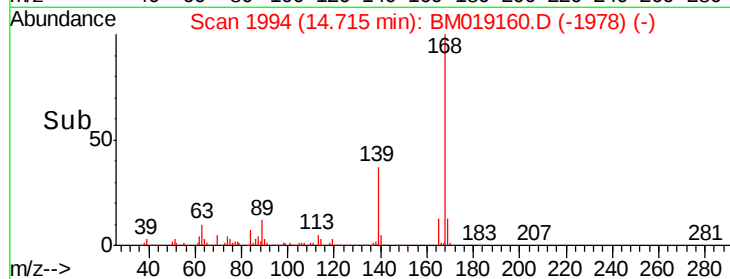
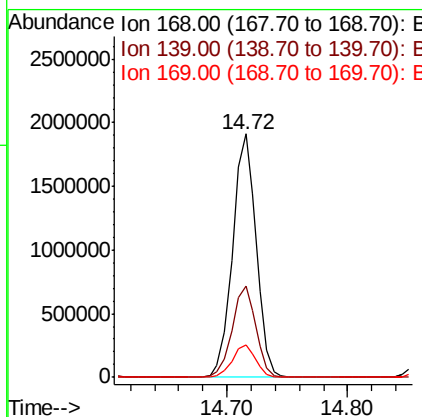
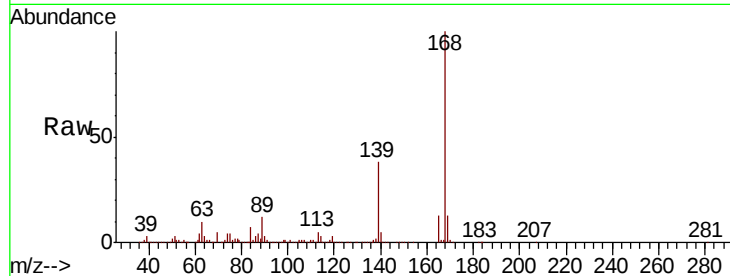
#55
Dibenzenofuran
Concen: 40.044 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.4	10.6	16.0

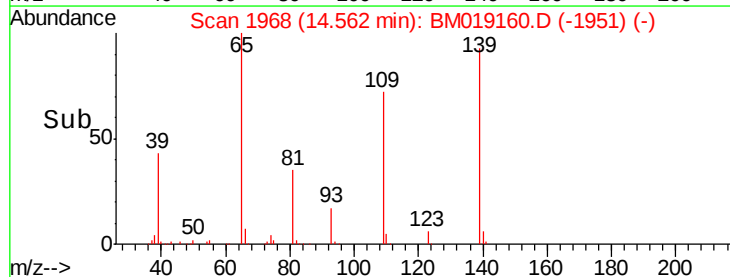
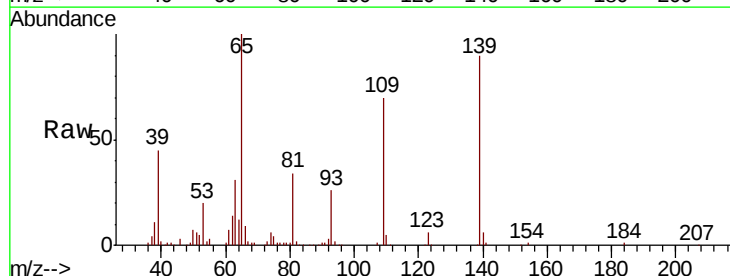
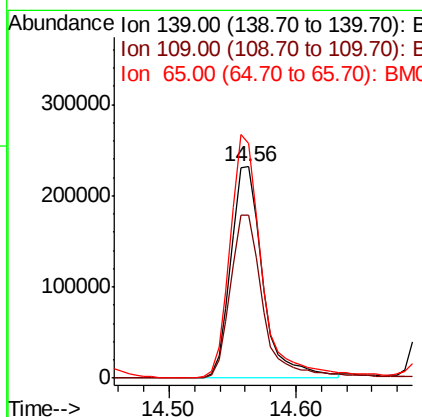
Manual Integrations
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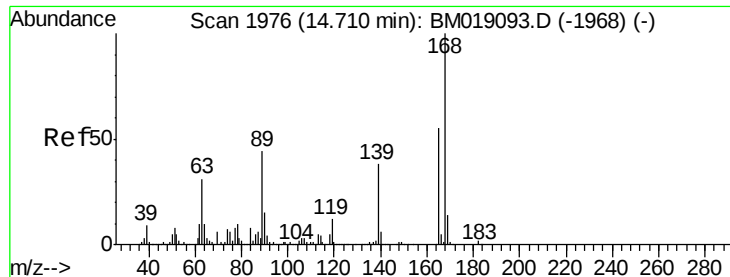
Sohil
3/14/2019 3:38:08 PM



#56
4-Nitrophenol
Concen: 39.983 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	56.3	96.3
65	110.8	89.2	129.2





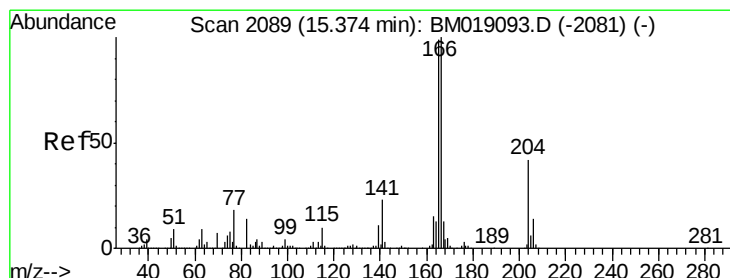
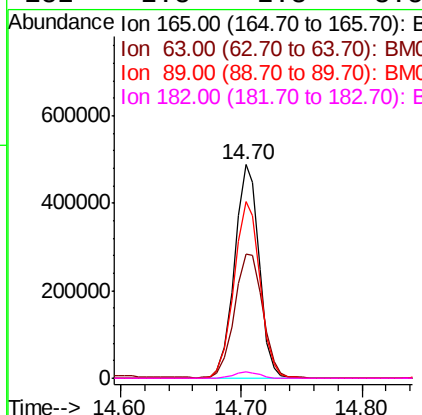
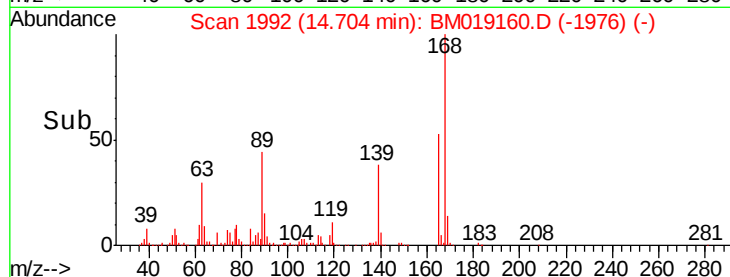
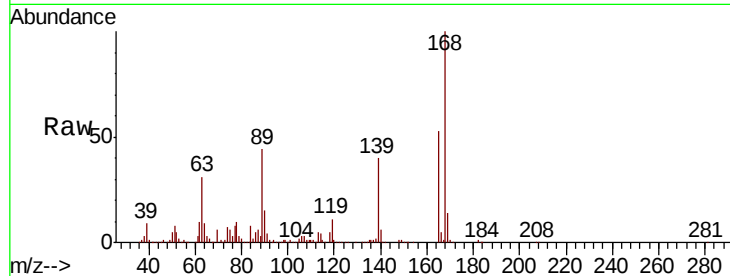
#57
2,4-Dinitrotoluene
Concen: 40.579 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	44.7	67.1
89	82.6	63.4	95.2
182	2.8	2.3	3.5

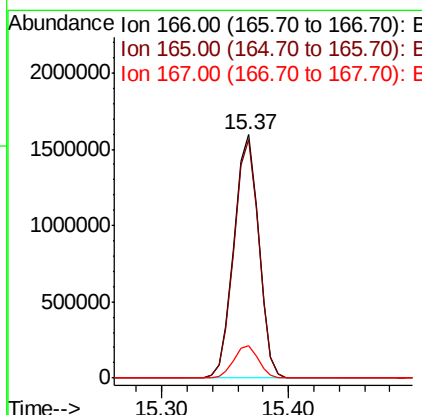
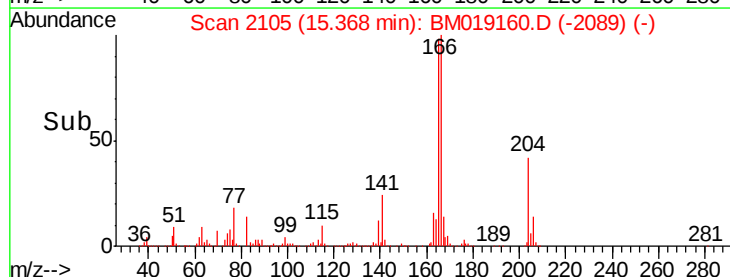
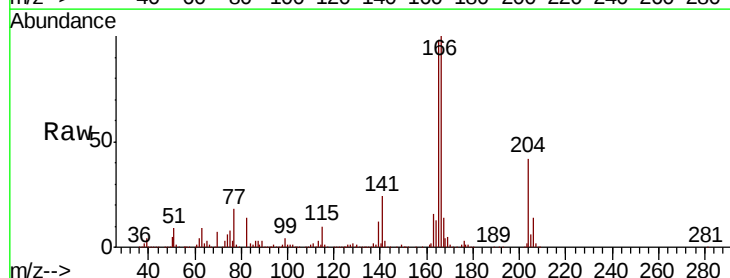
Manual Integrations
APPROVED

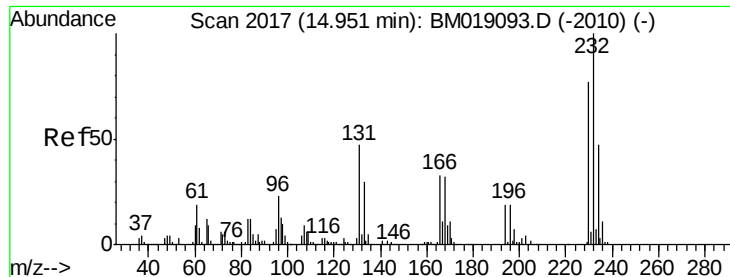
Sohil
3/14/2019 3:38:08 PM



#58
Fluorene
Concen: 40.404 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.5	10.8	16.2





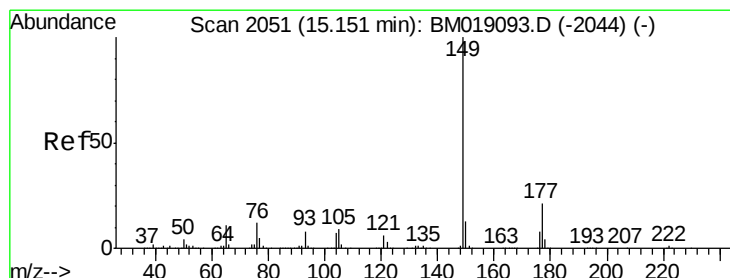
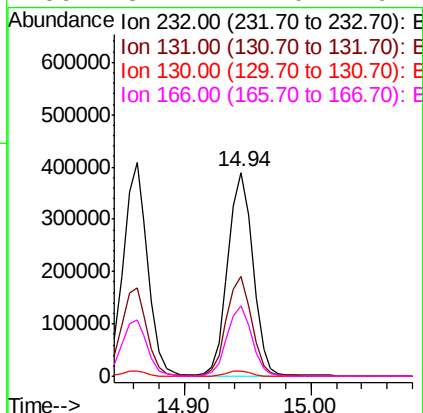
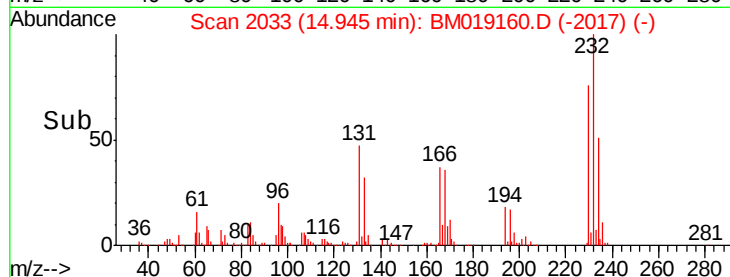
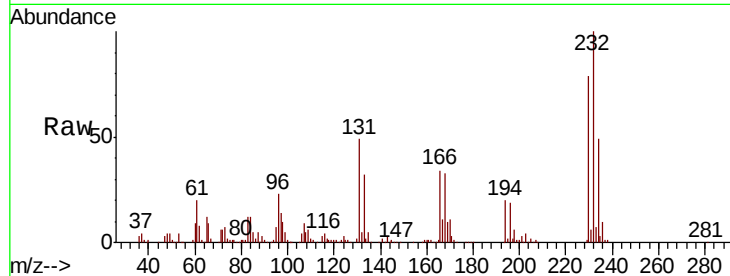
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.131 ng
RT: 14.94 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	38.2	57.2
130	2.6	1.9	2.9
166	34.1	27.0	40.4

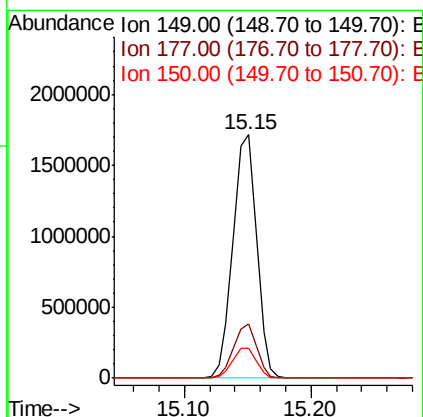
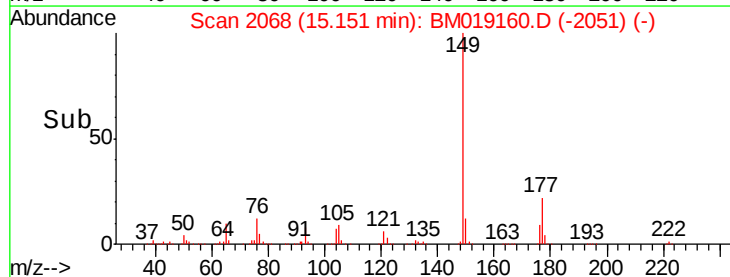
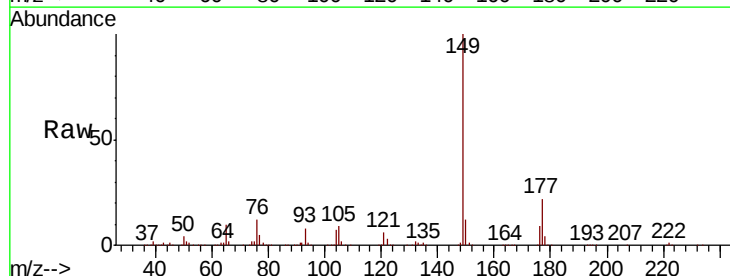
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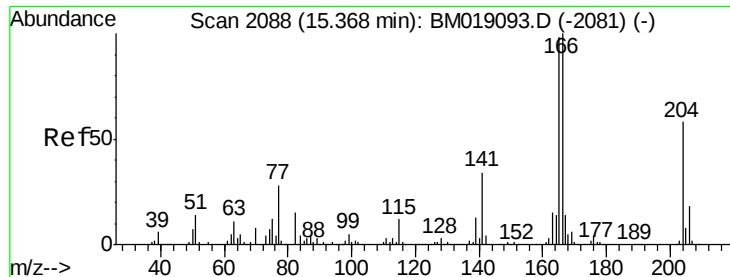
Sohil
3/14/2019 3:38:08 PM



#60
Diethylphthalate
Concen: 40.210 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.6
150	12.2	10.2	15.4





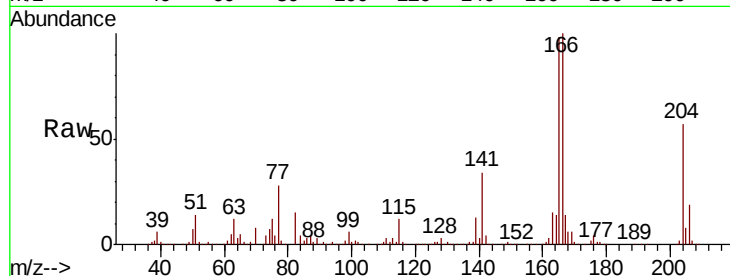
#61
 4-Chlorophenyl-phenylether
 Concen: 40.396 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Instrument :
 BNA_M
 ClientSampleID :
 SSTDCCC040EC

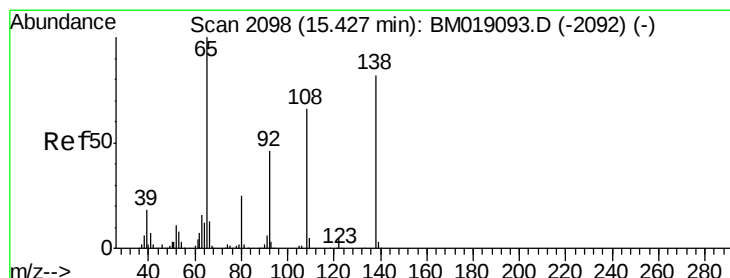
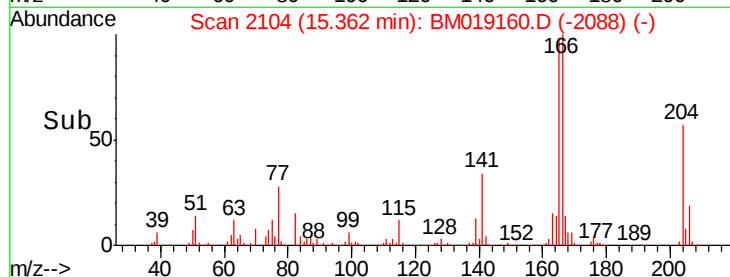
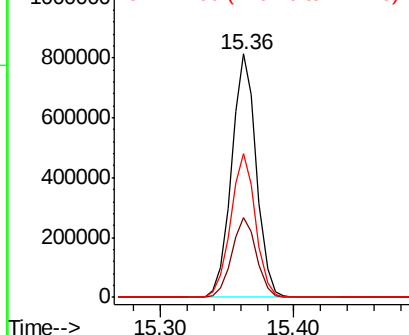
Tot Ion:204 Resp: 1047796
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.5 38.3
 141 59.0 47.8 71.8

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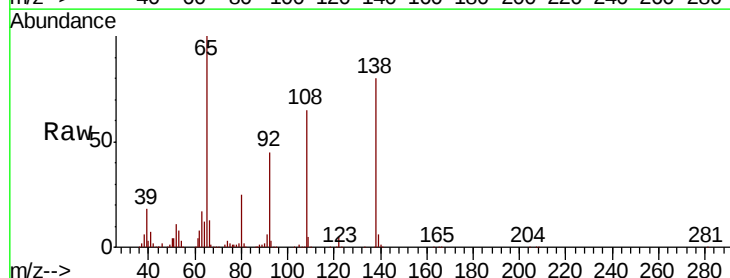


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

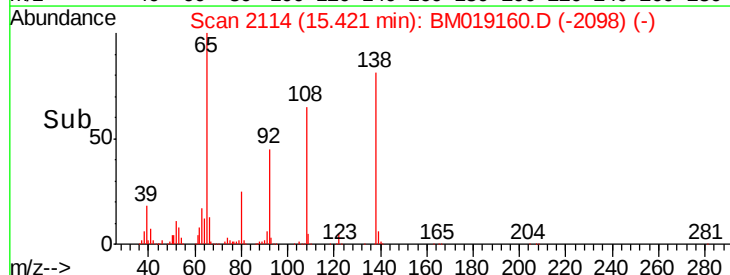
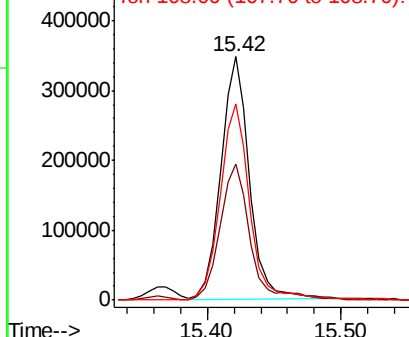


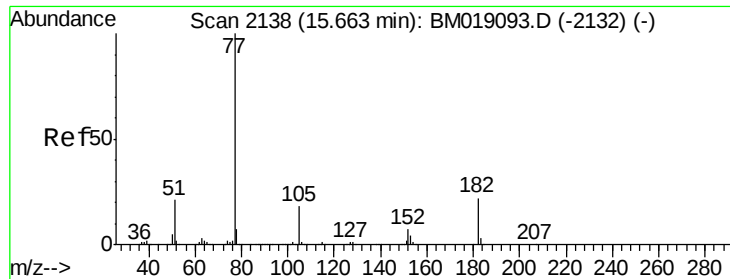
#62
 4-Nitroaniline
 Concen: 41.543 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion:138 Resp: 520136
 Ion Ratio Lower Upper
 138 100
 92 55.7 36.2 76.2
 108 80.6 59.7 99.7



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





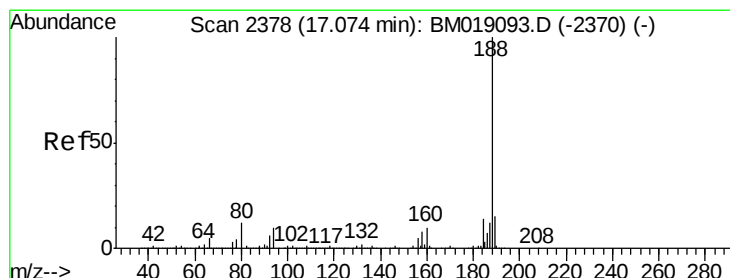
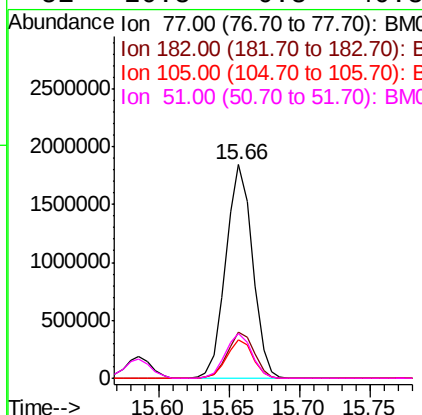
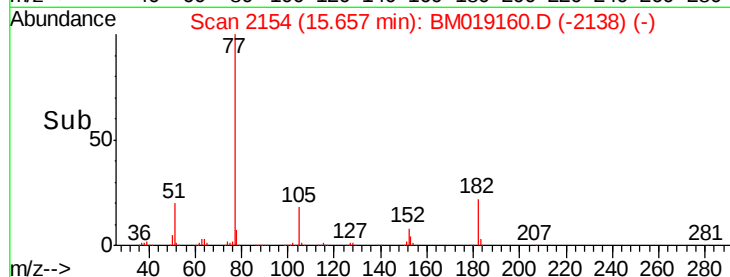
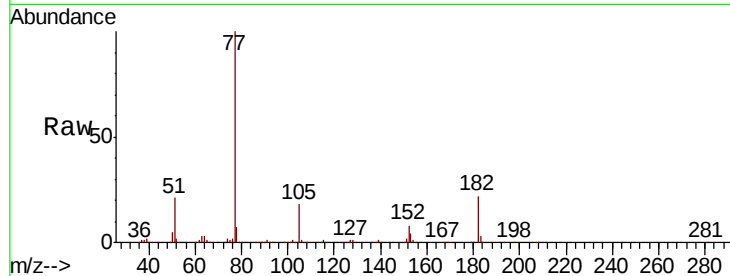
#63
Azobenzene
Concen: 41.783 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.7	1.8	41.8	
105	18.1	0.0	38.3	
51	20.8	0.8	40.8	

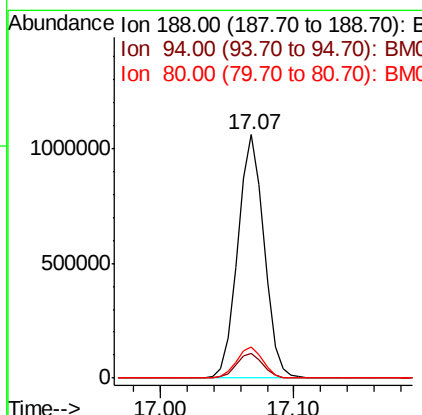
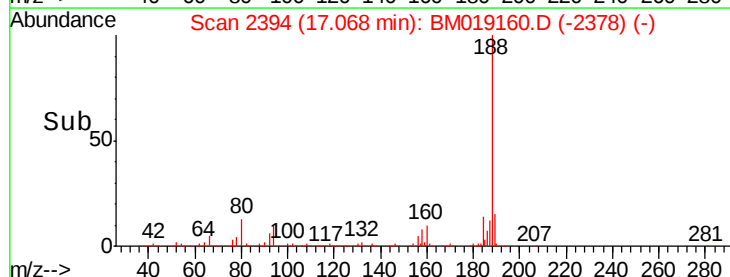
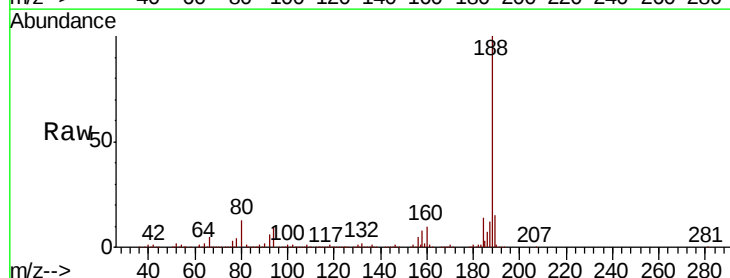
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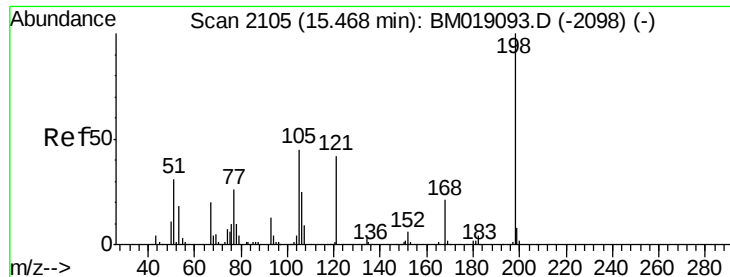
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	8.1	12.1	
80	12.7	9.7	14.5	





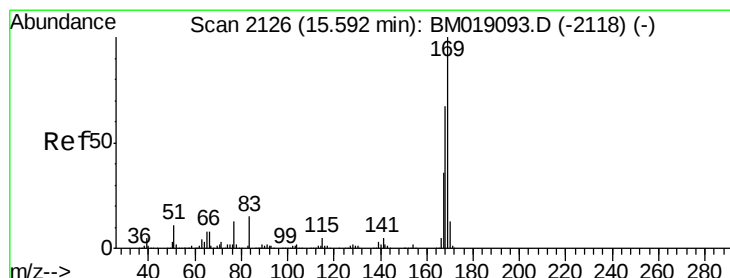
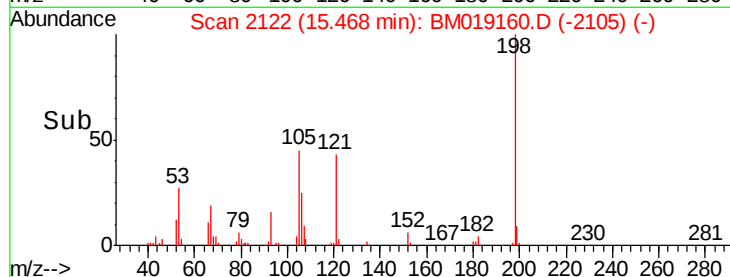
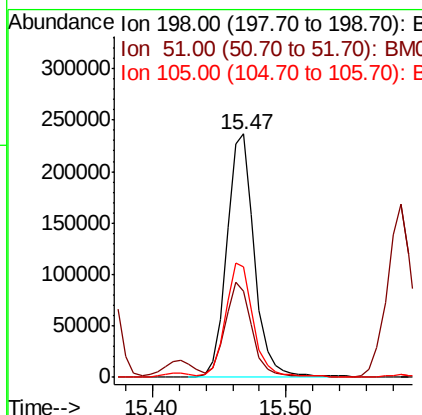
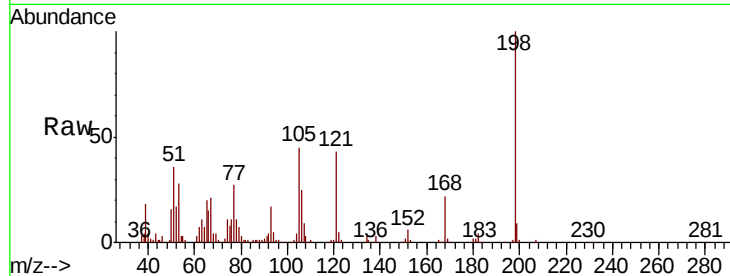
#65
4,6-Dinitro-2-methylphenol
Concen: 36.027 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
198	100	341530		
51	35.6	17.3	57.3	
105	45.3	26.2	66.2	

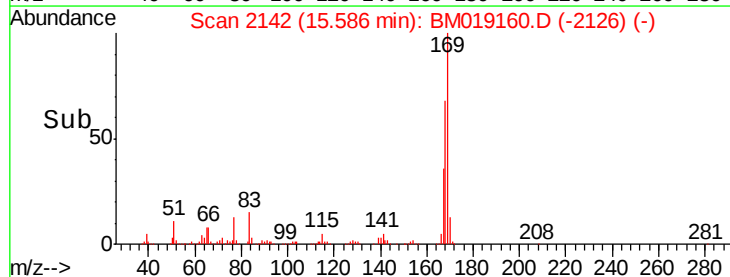
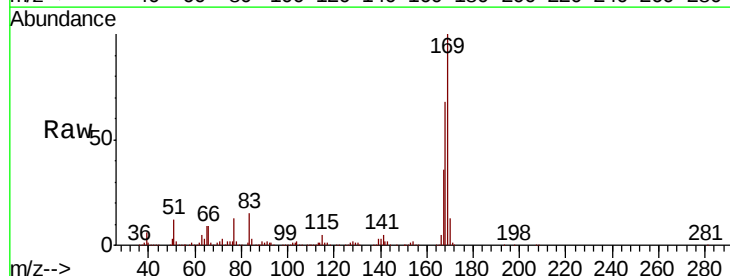
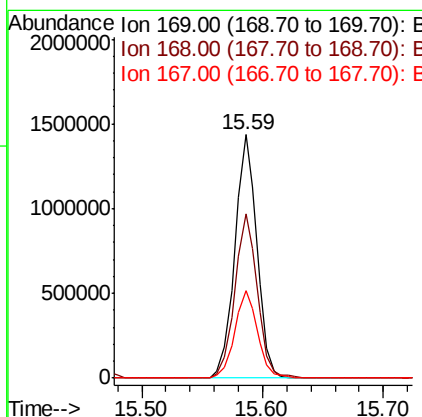
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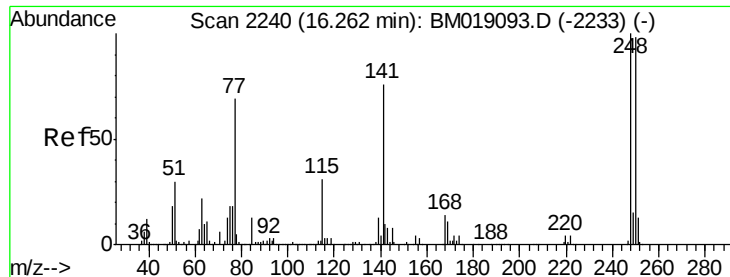
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#66
n-Nitrosodiphenylamine
Concen: 39.684 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1827670		
168	67.7	53.9	80.9	
167	36.1	28.8	43.2	





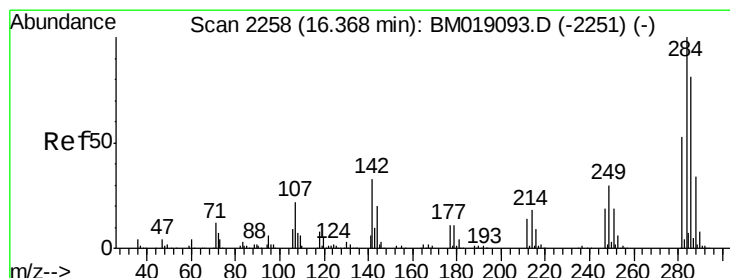
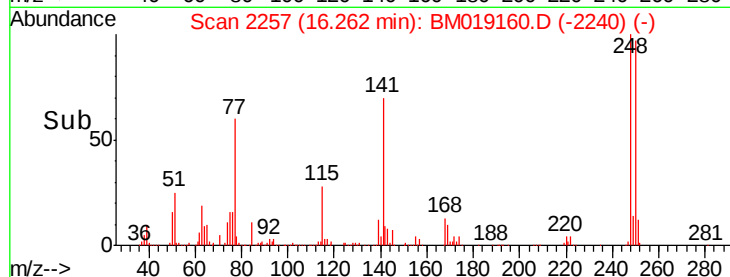
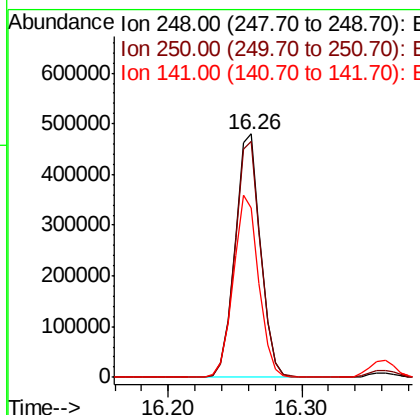
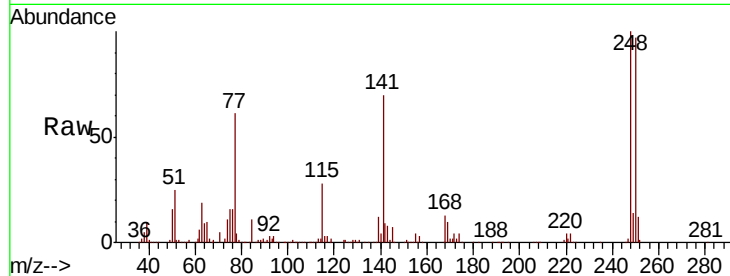
#67
 4-Bromophenyl-phenylether
 Concen: 39.902 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.0	117.0
141	69.5	61.0	91.4

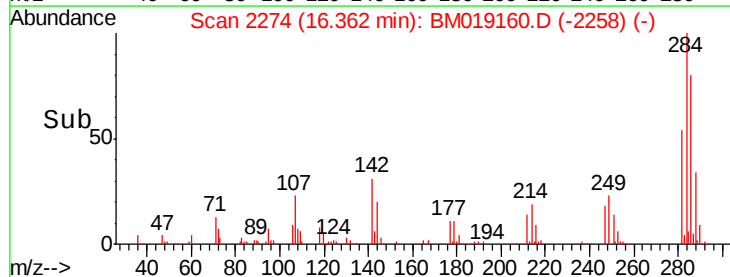
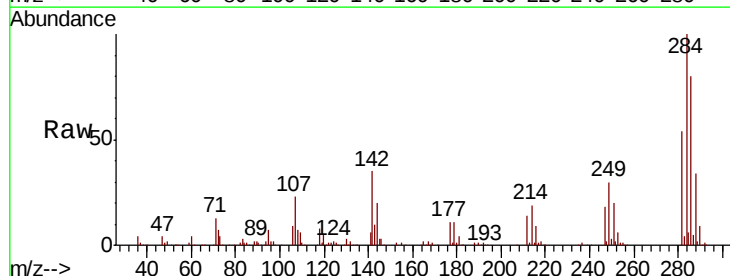
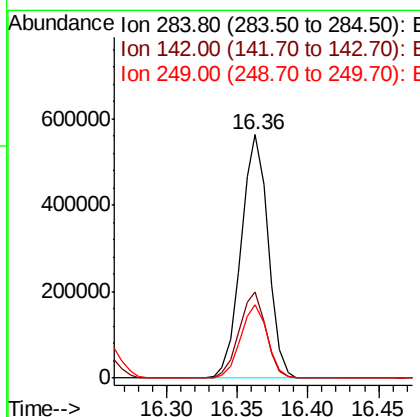
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#68
 Hexachlorobenzene
 Concen: 39.721 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	26.3	39.5
249	30.0	24.1	36.1





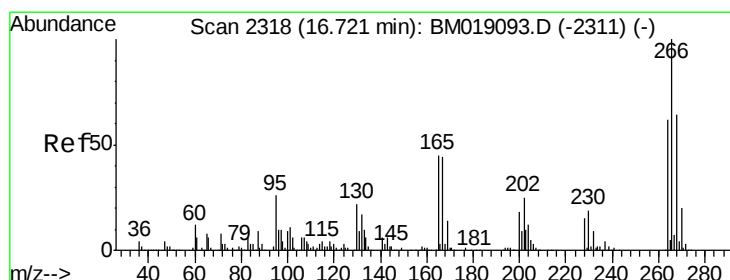
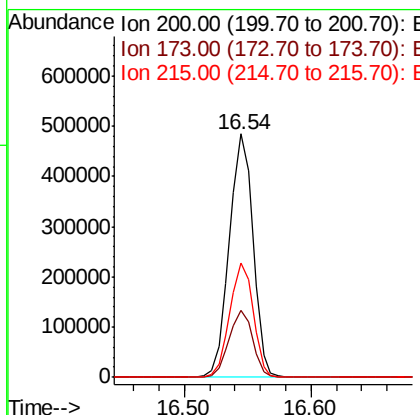
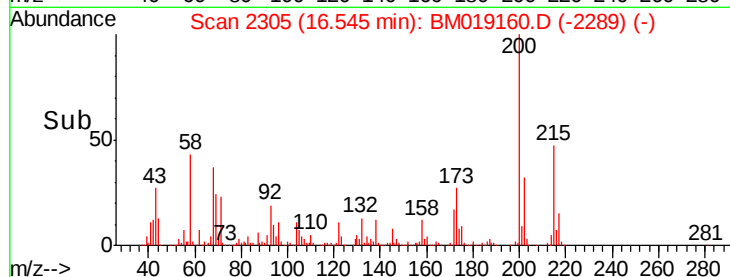
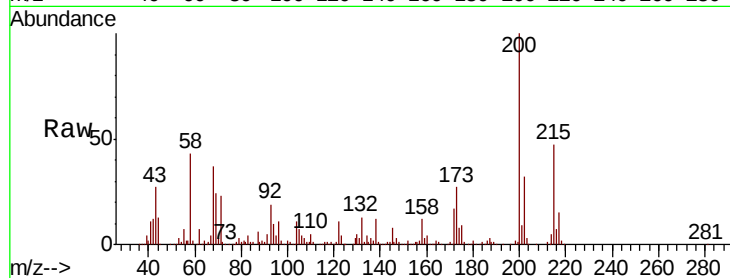
#69
Atrazine
Concen: 40.393 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.0	47.0
215	47.2	27.7	67.7

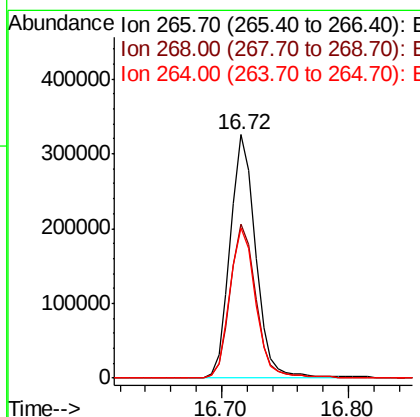
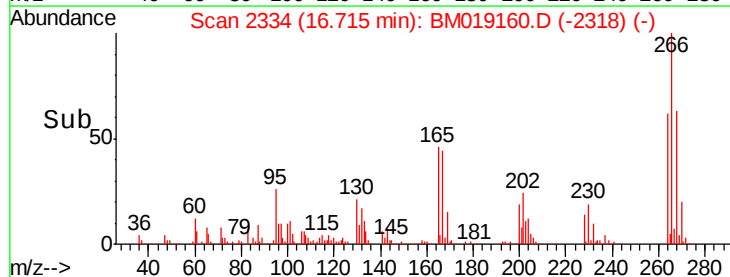
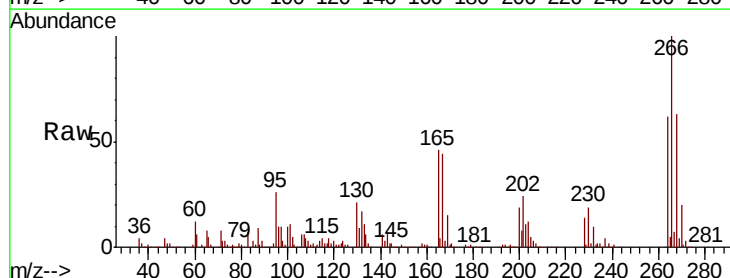
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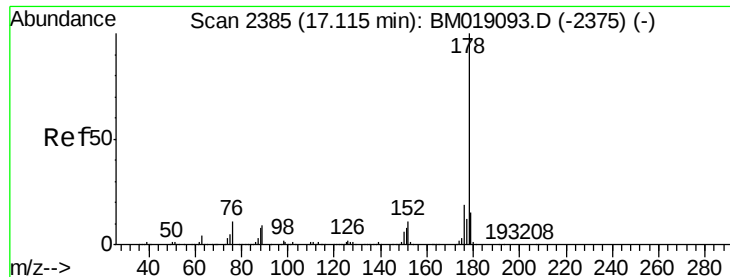
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#70
Pentachlorophenol
Concen: 39.674 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.3	76.9
264	61.9	50.0	75.0





#71

Phenanthrene

Concen: 39.328 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 3334699

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

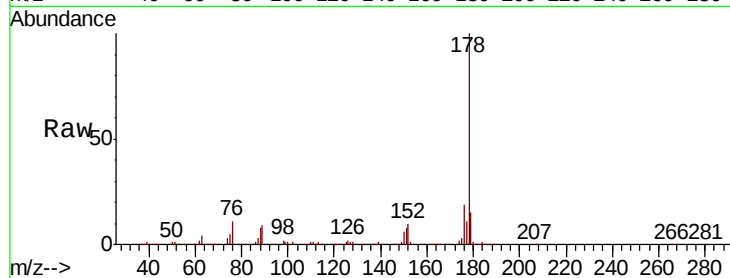
179 15.2 12.2 18.2

Manual Integrations

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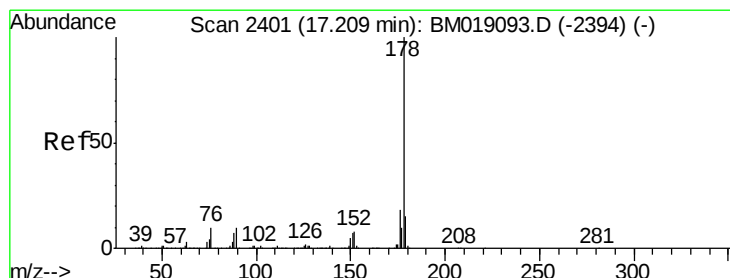
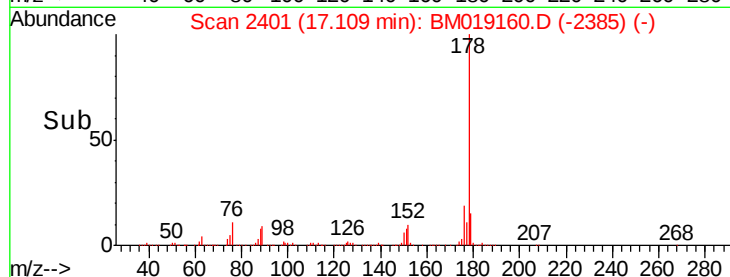
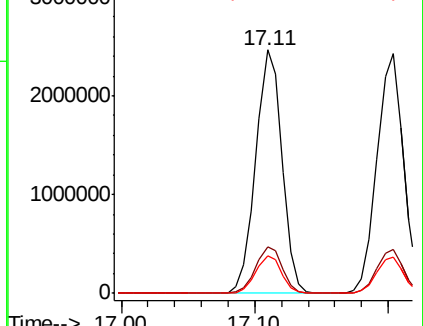
3/14/2019 3:38:08 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.917 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

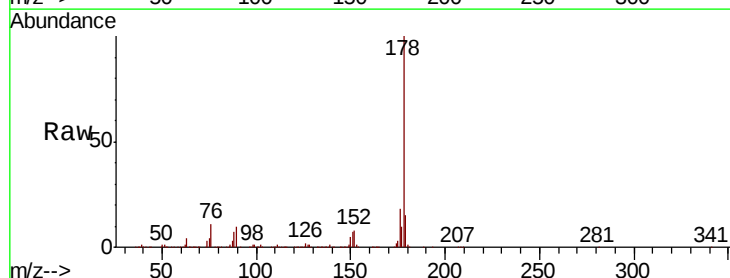
Tgt Ion:178 Resp: 3313473

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

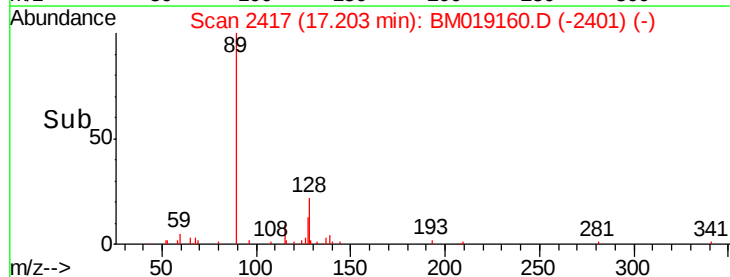
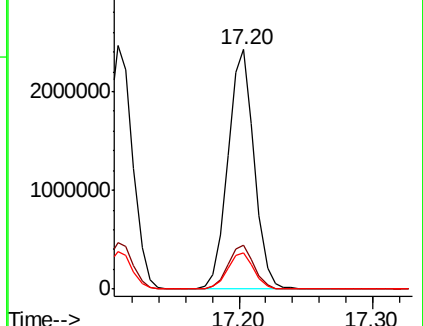
179 15.2 11.9 17.9

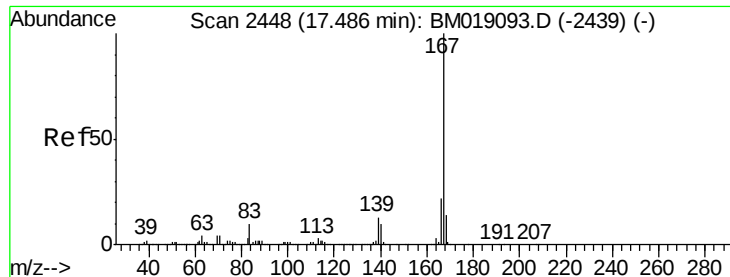


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





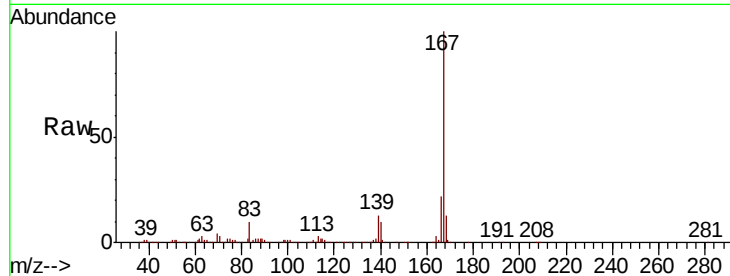
#73
 Carbazole
 Concen: 40.305 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	12.9	10.5	15.7

Manual Integrations
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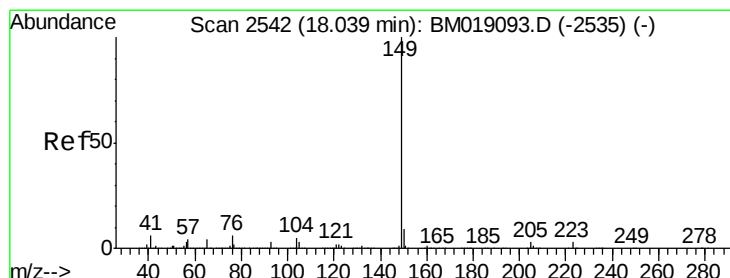
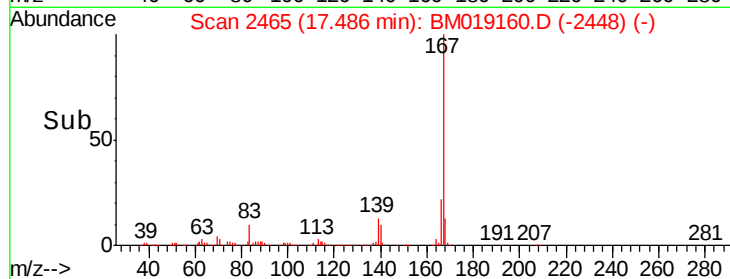
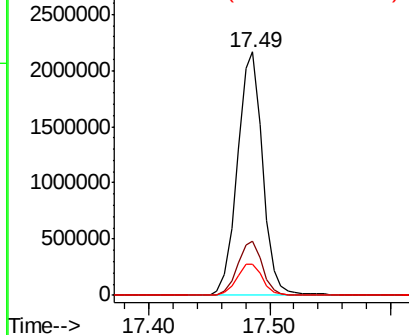


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.984 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

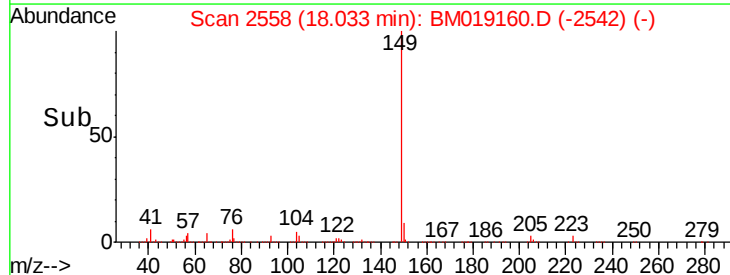
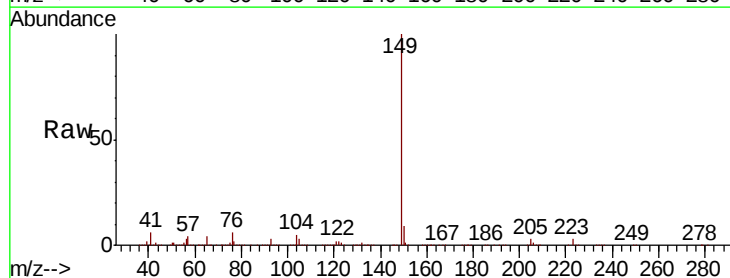
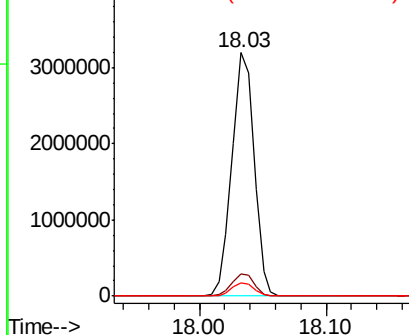
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.4	4.2	6.4

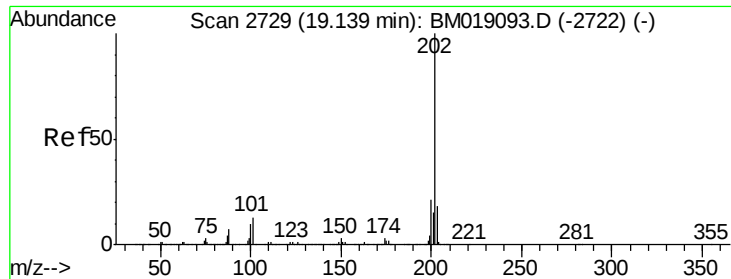
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.516 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

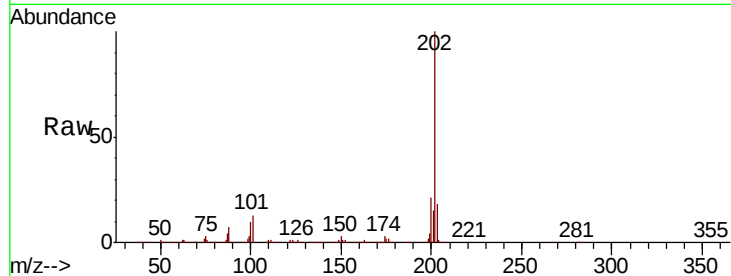
ClientSampleId :

SSTDCCC040EC

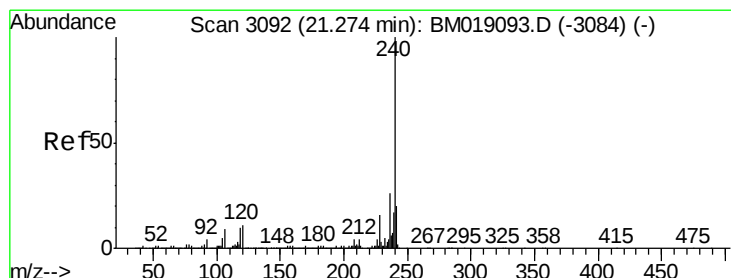
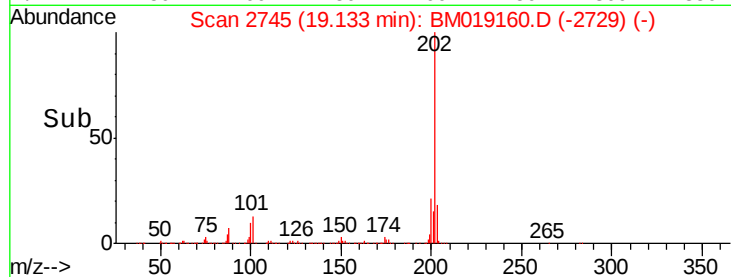
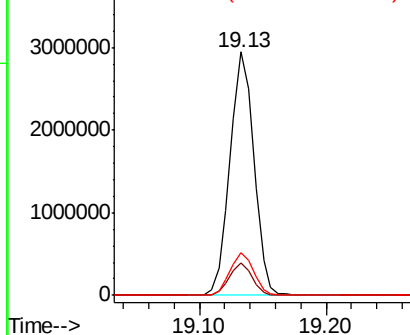
Tot Ion:	202	Resp:	3844763
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.0
203	17.6	0.0	37.8

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

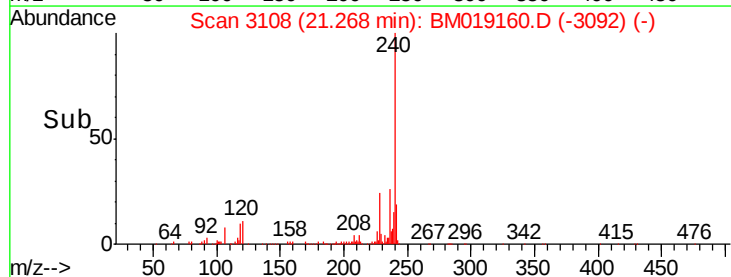
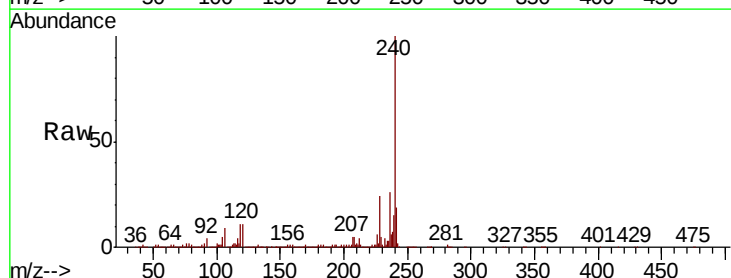
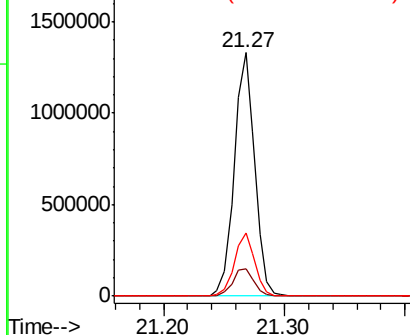
Delta R.T. -0.01 min

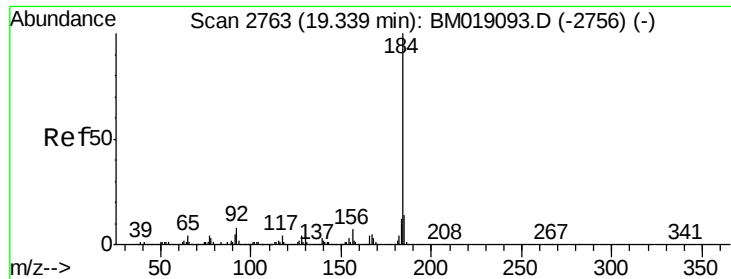
Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:	240	Resp:	1565362
Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.7	21.0	31.4

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





#77

Benzidine

Concen: 52.418 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 2327088

Ion Ratio Lower Upper

184 100

185 13.7 11.0 16.4

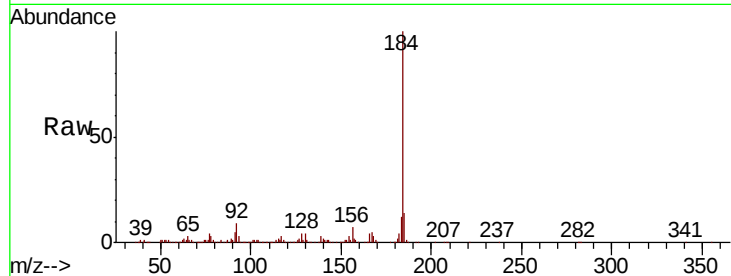
183 12.0 9.8 14.6

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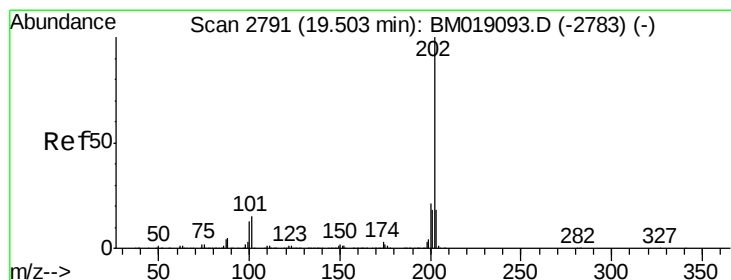
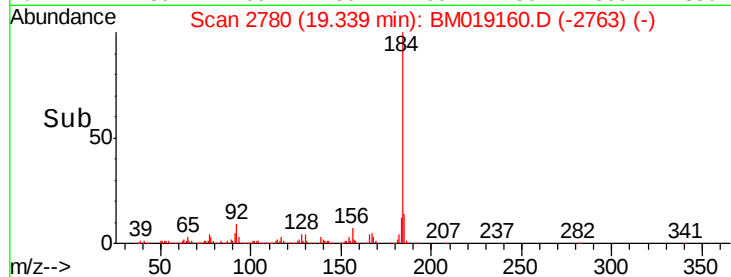
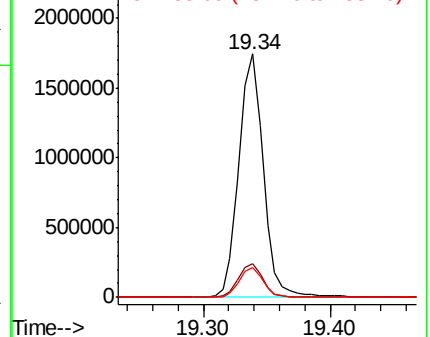
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.942 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

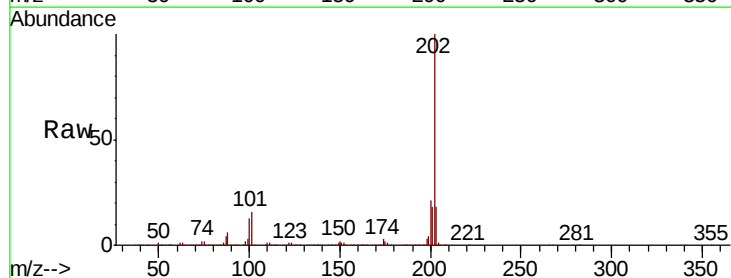
Tgt Ion:202 Resp: 3955920

Ion Ratio Lower Upper

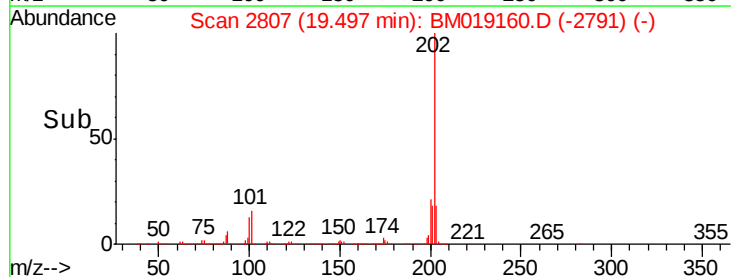
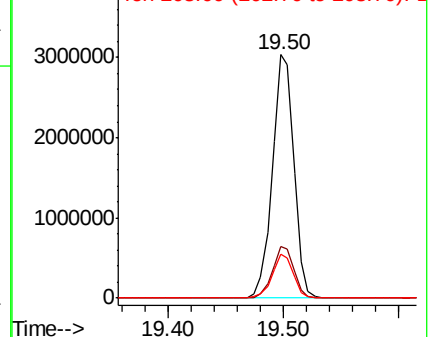
202 100

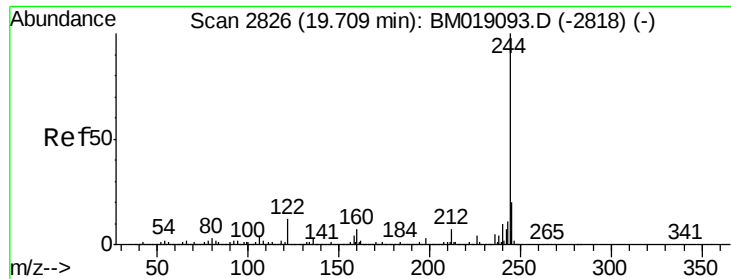
200 21.1 16.9 25.3

203 17.8 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





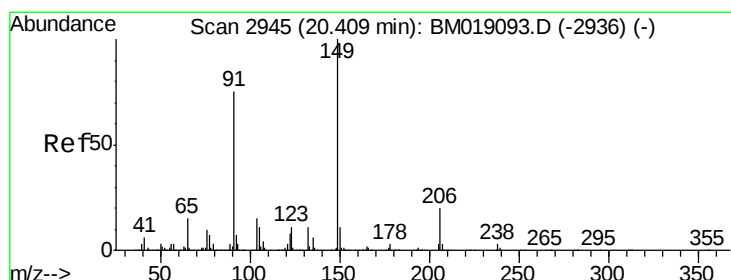
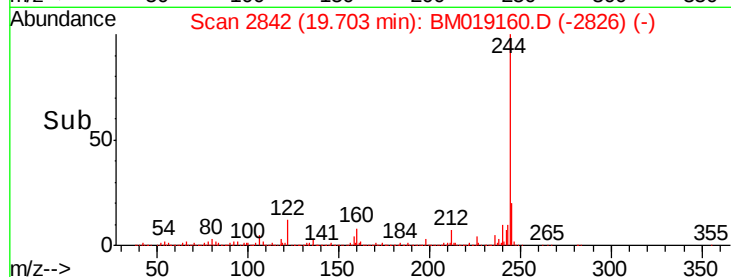
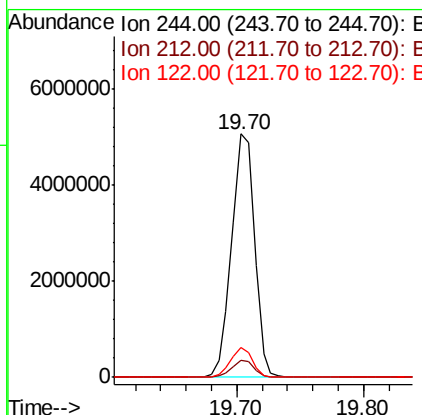
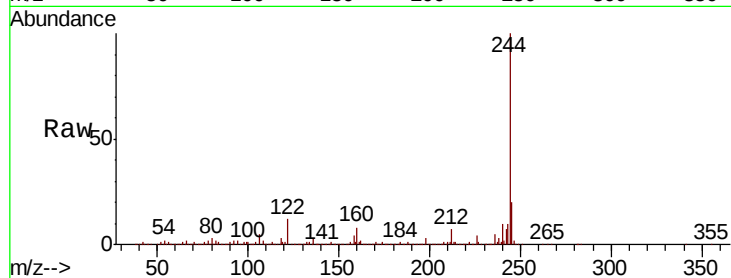
#79
 Terphenyl-d14
 Concen: 80.513 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:244 Resp: 6348510
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 12.1 9.4 14.2

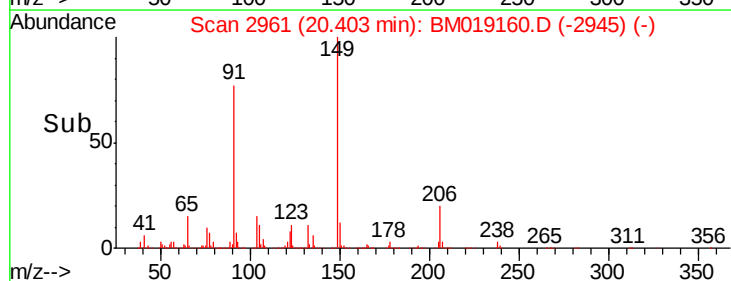
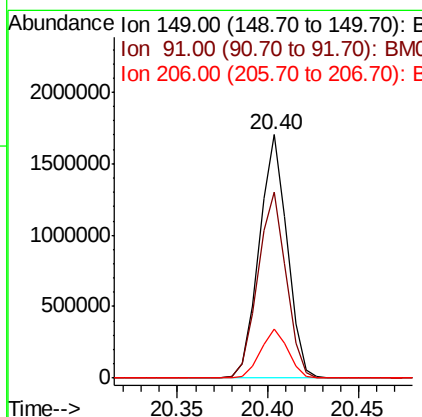
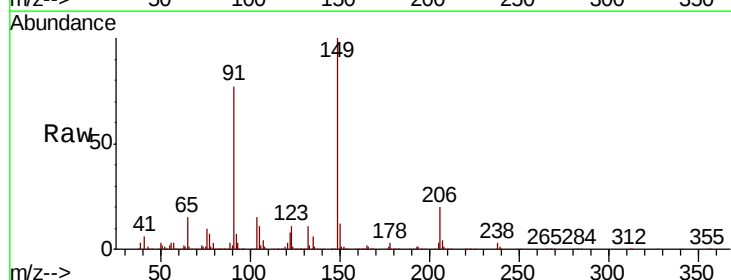
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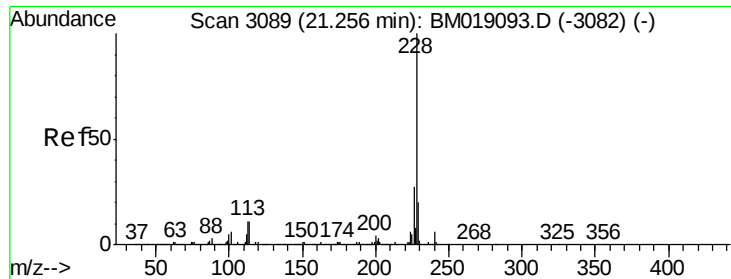
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#80
 Butylbenzylphthalate
 Concen: 42.268 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion:149 Resp: 1823358
 Ion Ratio Lower Upper
 149 100
 91 76.6 60.1 90.1
 206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.333 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 3862683

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

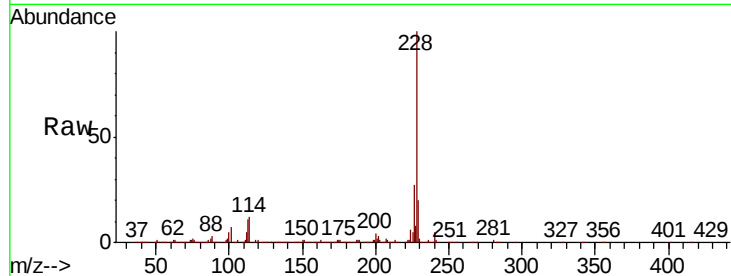
229 19.9 15.8 23.6

Manual Integrations

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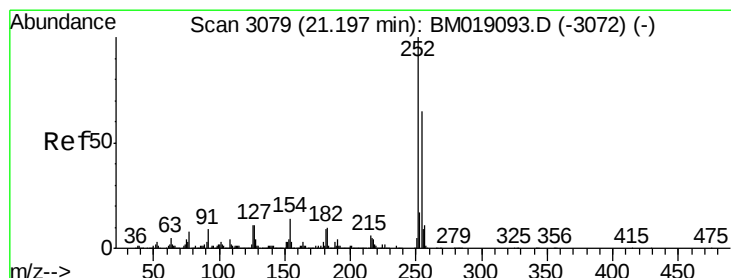
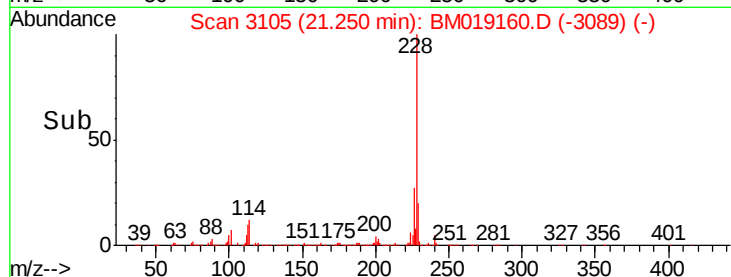
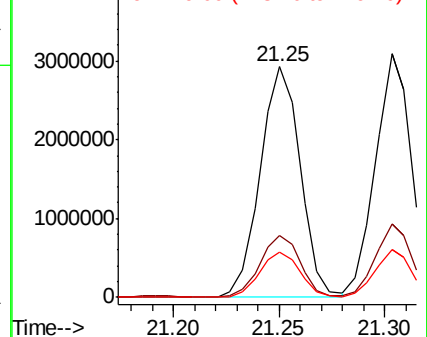


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.826 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

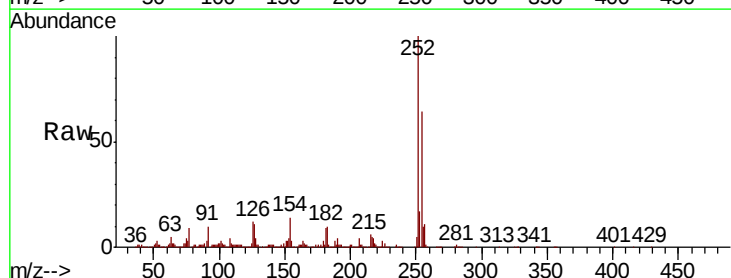
Tgt Ion:252 Resp: 1506700

Ion Ratio Lower Upper

252 100

254 64.5 52.4 78.6

126 11.6 9.0 13.6

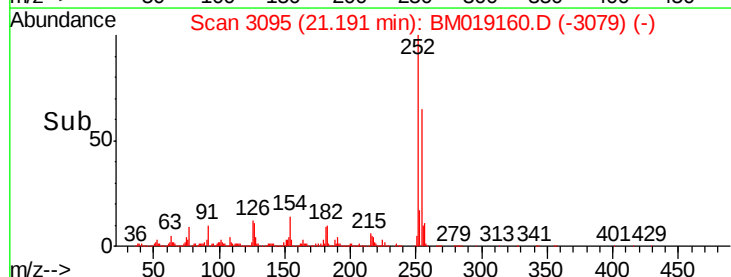
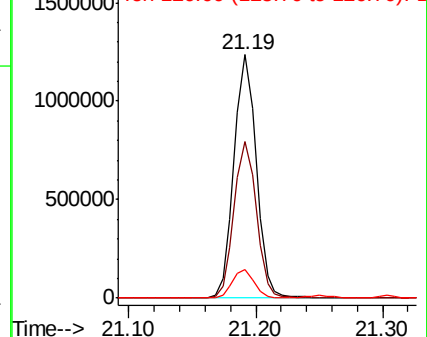


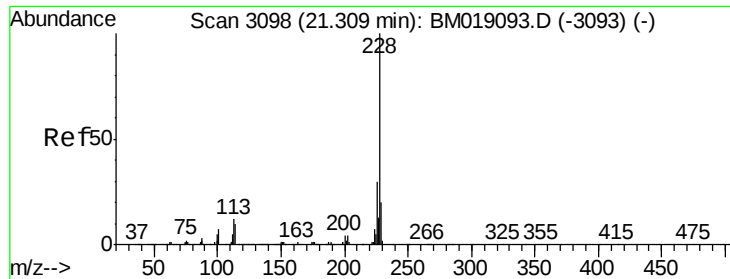
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





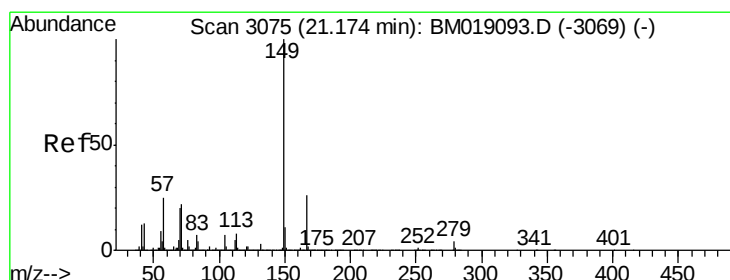
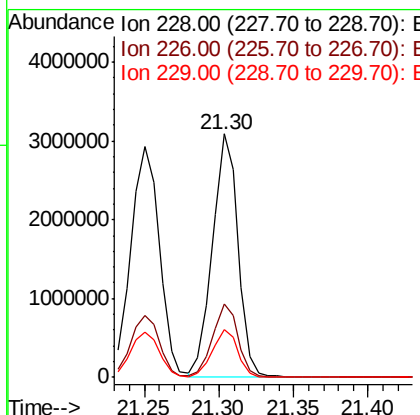
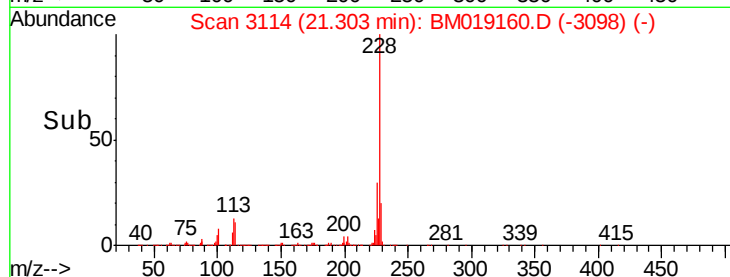
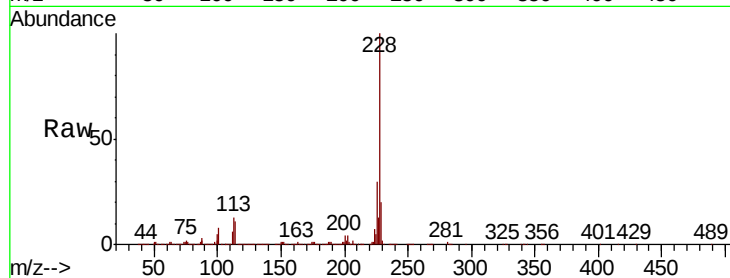
#83
Chrysene
Concen: 38.848 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 3690851
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.7 15.7 23.5

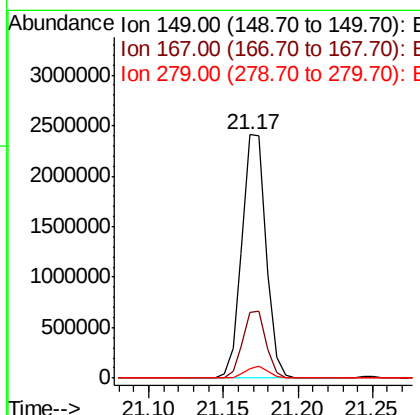
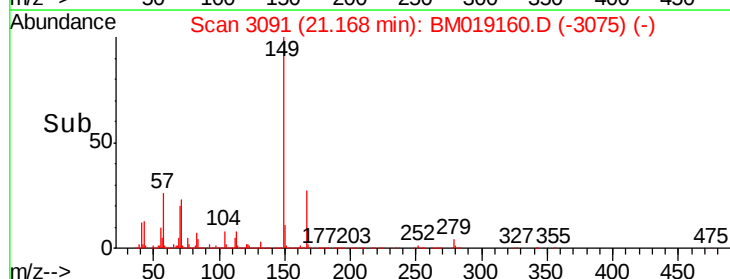
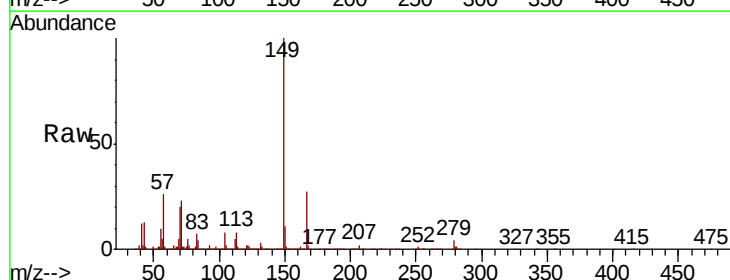
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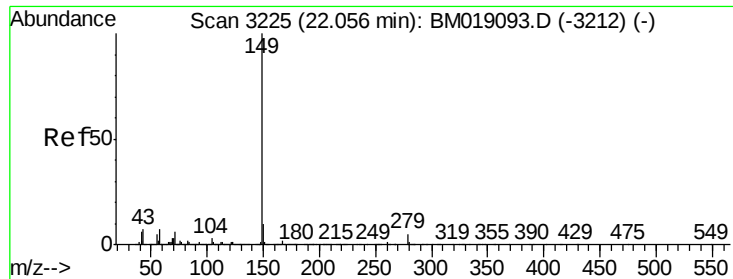
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.071 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:149 Resp: 2703103
Ion Ratio Lower Upper
149 100
167 26.8 21.1 31.7
279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.735 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

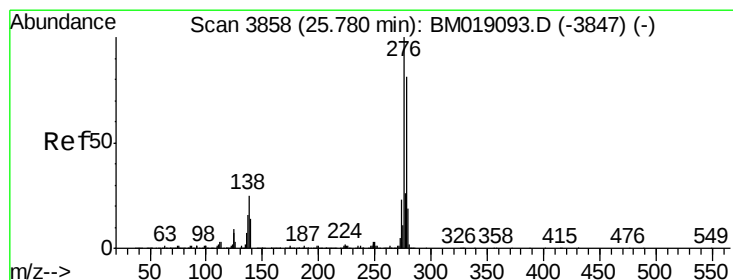
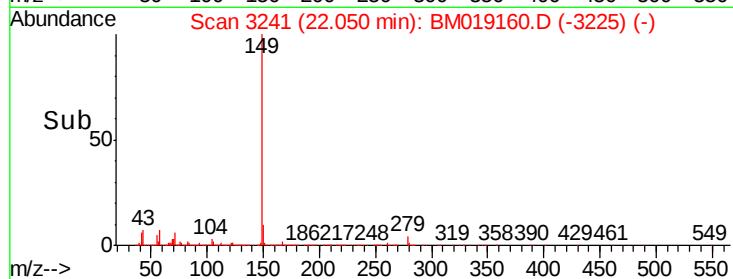
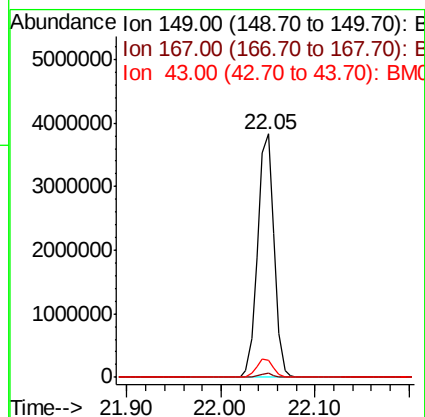
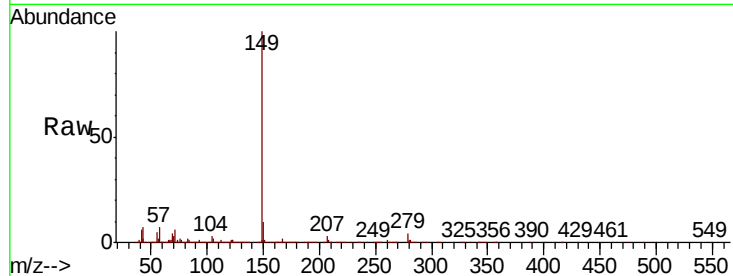
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	4621864
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.6	6.1	9.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 35.585 ng

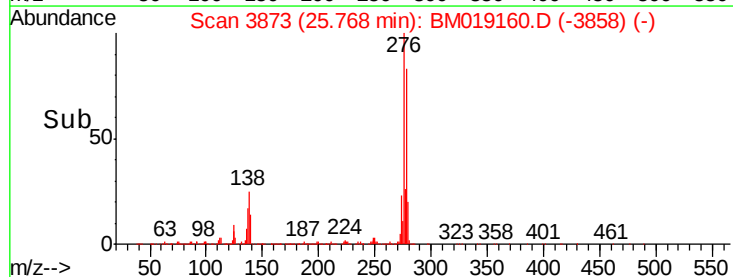
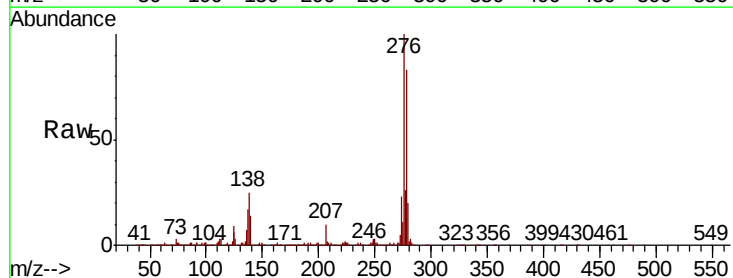
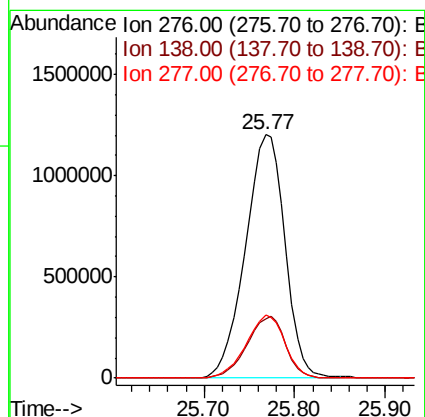
RT: 25.77 min Scan# 3873

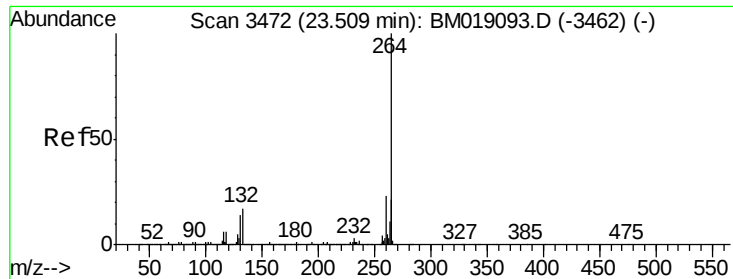
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:	276	Resp:	3639365
Ion Ratio	Lower	Upper	
276	100		
138	24.7	19.8	29.8
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

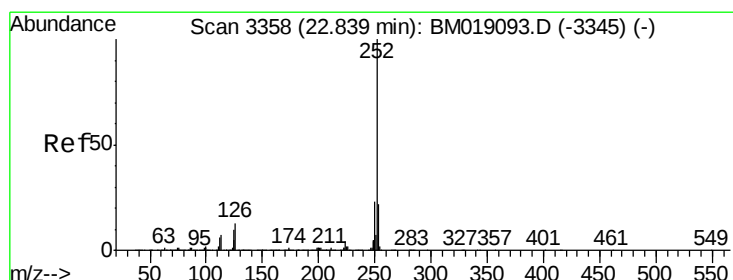
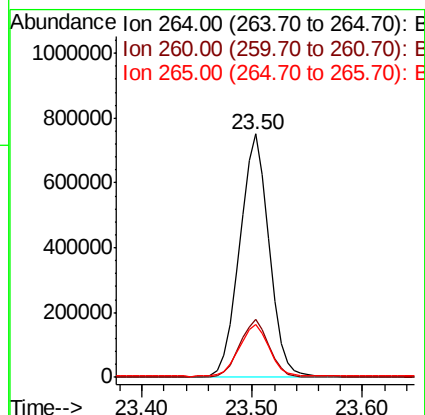
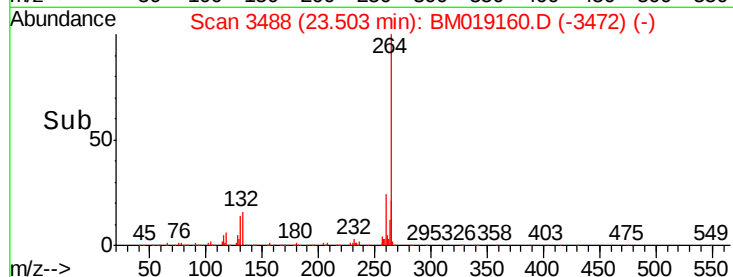
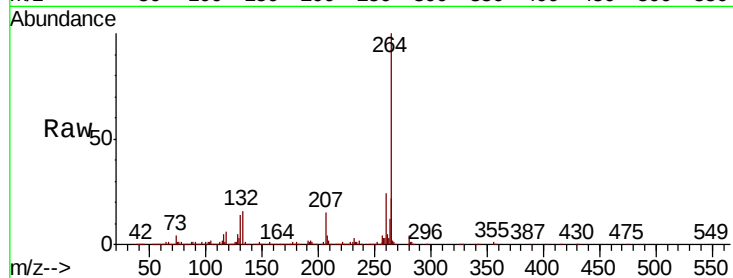
ClientSampleId :

SSTDCCC040EC

Tot Ion:	264	Resp:	1416570
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 40.007 ng

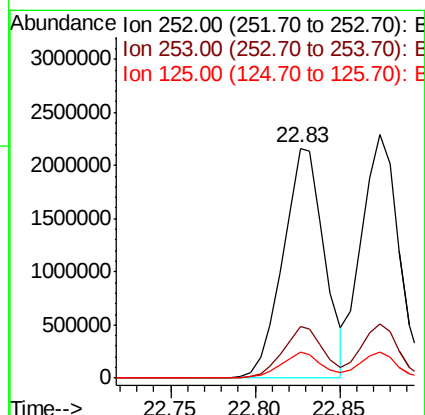
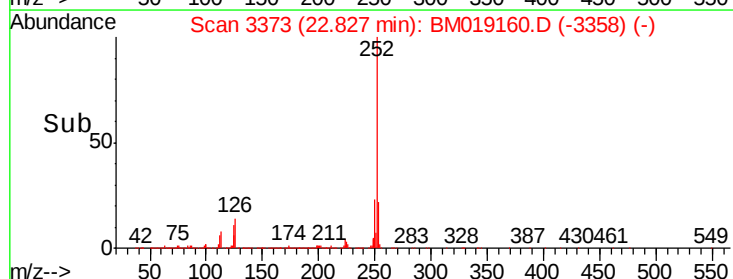
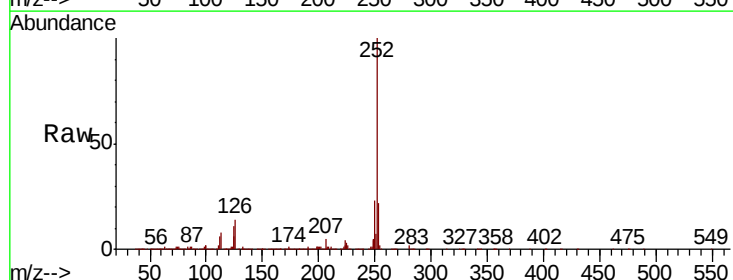
RT: 22.83 min Scan# 3373

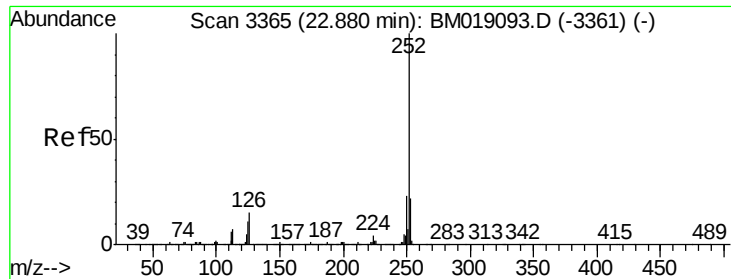
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:	252	Resp:	3672272
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.1	8.1	12.1





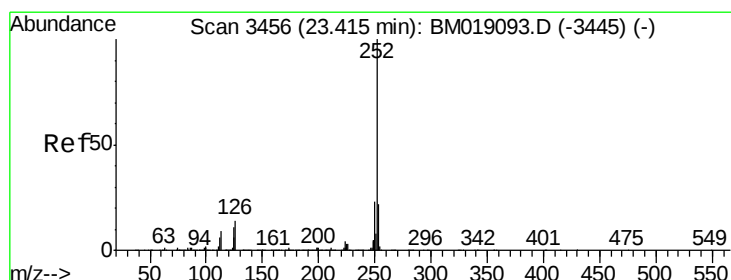
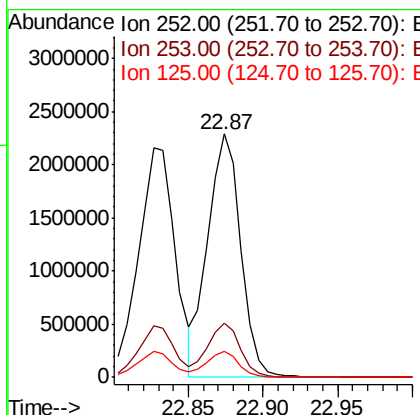
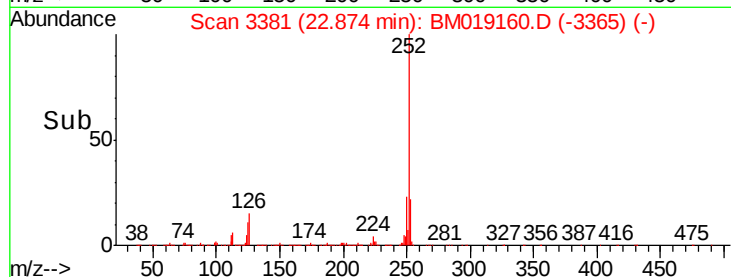
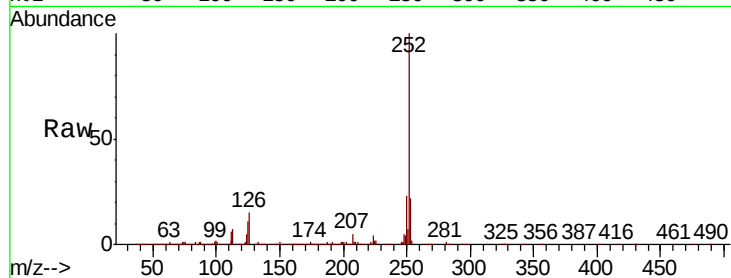
#89
Benzo(k)fluoranthene
Concen: 41.616 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 3513479
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.7 8.8 13.2

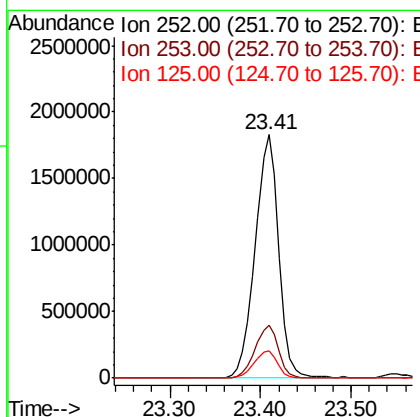
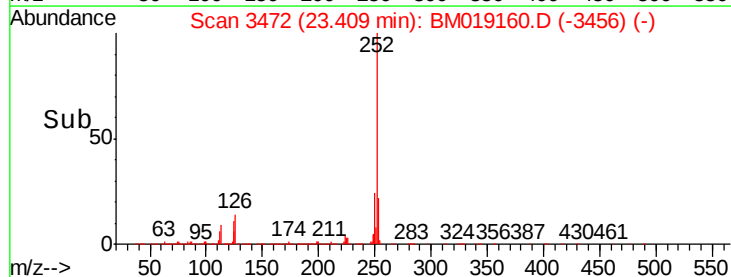
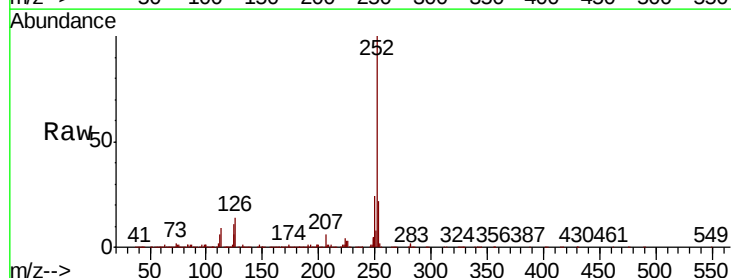
Manual Integrations
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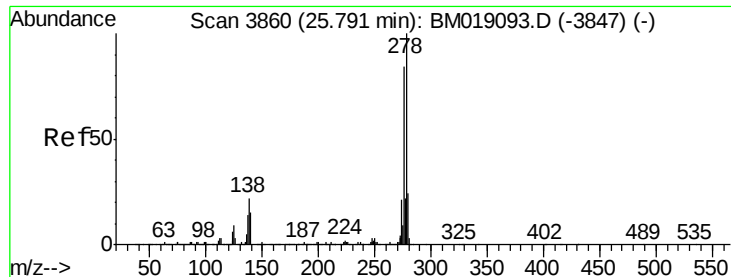
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#90
Benzo(a)pyrene
Concen: 39.791 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:252 Resp: 3282276
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.3 9.2 13.8





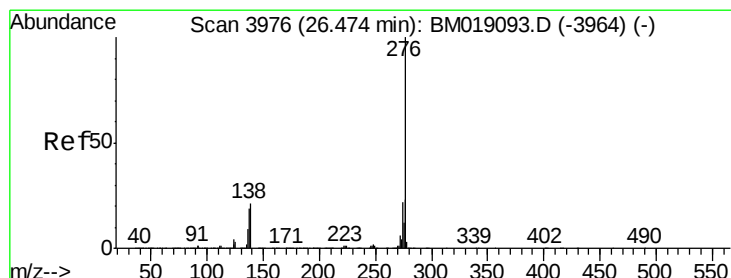
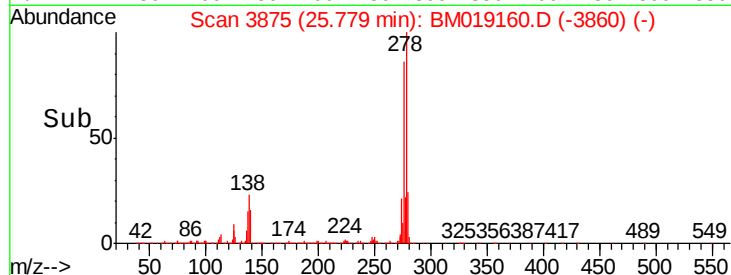
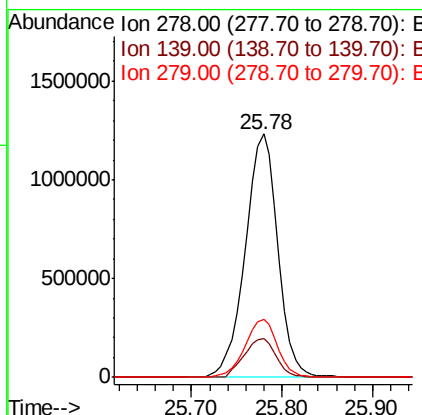
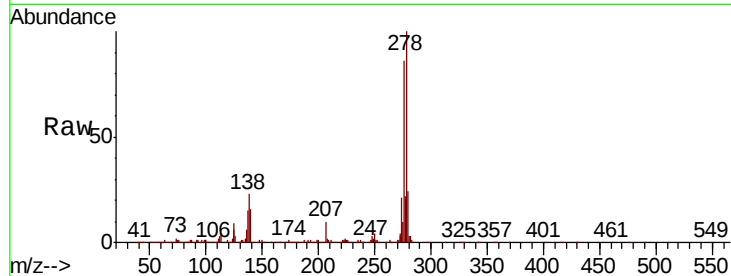
#91
Dibenzo(a,h)anthracene
Concen: 38.799 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 3061592
Ion Ratio Lower Upper
278 100
139 15.8 12.3 18.5
279 23.7 18.9 28.3

Manual Integrations
APPROVED

Sohil
3/14/2019 3:38:08 PM



#92
Benzo(g,h,i)perylene
Concen: 38.578 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:276 Resp: 2794777
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 21.1 17.0 25.4

