

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019267.D
 Acq On : 20 Mar 2019 18:20
 Operator : JU/SJ
 Sample : K1984-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

Manual Integrations
 APPROVED

Sohil
 3/22/2019 6:04:49 PM

Quant Time: Mar 21 17:35:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	179500	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	787316	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	483262	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1061294	20.00	ng	0.00
76) Chrysene-d12	21.25	240	918209	20.00	ng	0.00
87) Perylene-d12	23.48	264	806512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1709328	154.22	ng	0.00
7) Phenol-d6	6.82	99	2543926	156.91	ng	0.00
23) Nitrobenzene-d5	8.80	82	1528611	91.78	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1075251	150.70	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	2769061	74.53	ng	0.00
79) Terphenyl-d14	19.69	244	3948790	85.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	172964	35.079	ng	98
3) Pyridine	3.59	79	499878	37.264	ng	99
4) n-Nitrosodimethylamine	3.52	42	164488	39.442	ng	96
6) Aniline	6.98	93	623030	29.765	ng	99
8) 2-Chlorophenol	7.20	128	622780	46.757	ng	100
9) Benzaldehyde	6.80	77	195825	19.203	ng	96
10) Phenol	6.85	94	892099	51.058	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	554320	41.577	ng	99
12) 1,3-Dichlorobenzene	7.52	146	565864	40.145	ng	98
13) 1,4-Dichlorobenzene	7.67	146	587250	40.865	ng	98
14) 1,2-Dichlorobenzene	7.98	146	574816	41.113	ng	99
15) Benzyl Alcohol	7.89	79	595726	44.398	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	556586	40.885	ng	99
17) 2-Methylphenol	8.09	107	550964	48.391	ng	97
18) Hexachloroethane	8.69	117	207904	38.934	ng	99
19) n-Nitroso-di-n-propylamine	8.45	70	552379	41.530	ng	99
20) 3+4-Methylphenols	8.41	107	760425	49.203	ng	99
22) Acetophenone	8.47	105	922955	42.419	ng	99
24) Nitrobenzene	8.85	77	768630	44.373	ng	99
25) Isophorone	9.36	82	1424677	44.827	ng	99
26) 2-Nitrophenol	9.55	139	336160	46.818	ng	98
27) 2,4-Dimethylphenol	9.60	122	604286	56.611	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	850320	45.185	ng	98
29) 2,4-Dichlorophenol	10.07	162	610703	51.657	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	587726	44.089	ng	98
31) Naphthalene	10.47	128	1824217	43.960	ng	100
32) Benzoic acid	9.74	122	144923m	16.031	ng	
33) 4-Chloroaniline	10.60	127	264005	15.520	ng	99
34) Hexachlorobutadiene	10.73	225	312472	40.846	ng	98
35) Caprolactam	11.43	113	201458m	47.837	ng	
36) 4-Chloro-3-methylphenol	11.73	107	707910	48.530	ng	99
37) 2-Methylnaphthalene	12.09	142	1375984	45.630	ng	99
38) 1-Methylnaphthalene	12.31	142	1314545	44.227	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	656497	42.945	ng	99

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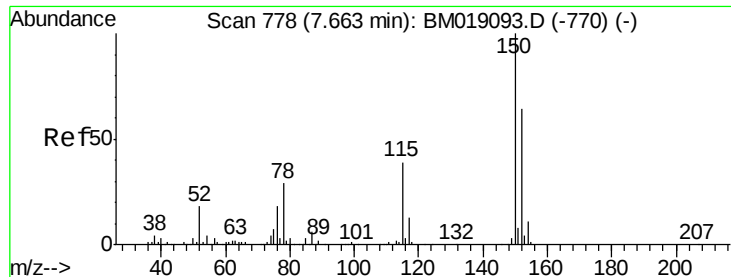
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	594450	85.849	ng	100
43) 2,4,6-Trichlorophenol	12.71	196	503055	50.922	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	532112	50.371	ng	99
46) 1,1'-Biphenyl	13.12	154	1782440	42.234	ng	99
47) 2-Chloronaphthalene	13.16	162	1397445	44.360	ng	99
48) 2-Nitroaniline	13.39	65	487443	46.137	ng	99
49) Acenaphthylene	14.02	152	2276424	42.737	ng	99
50) Dimethylphthalate	13.76	163	2092241	50.610	ng	100
51) 2,6-Dinitrotoluene	13.89	165	409523	45.825	ng	98
52) Acenaphthene	14.36	154	1331378	43.499	ng	100
53) 3-Nitroaniline	14.23	138	269072	28.428	ng	99
54) 2,4-Dinitrophenol	14.44	184	405232	78.080	ng	98
55) Dibenzofuran	14.69	168	2138362	43.322	ng	100
56) 4-Nitrophenol	14.54	139	698482	90.384	ng	99
57) 2,4-Dinitrotoluene	14.69	165	579854	44.699	ng	99
58) Fluorene	15.34	166	1772797	43.573	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	479825	48.790	ng	99
60) Diethylphthalate	15.13	149	1874699	44.775	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	872049	44.131	ng	99
62) 4-Nitroaniline	15.40	138	395298	41.442	ng	100
63) Azobenzene	15.64	77	1929646	43.798	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	301913	43.412	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1560694	46.191	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	520634	44.486	ng	100
68) Hexachlorobenzene	16.34	284	623477	44.809	ng	96
69) Atrazine	16.53	200	546502	48.049	ng	99
70) Pentachlorophenol	16.70	266	774766	92.421	ng	99
71) Phenanthrene	17.09	178	2672043	42.955	ng	100
72) Anthracene	17.18	178	2743508	45.051	ng	100
73) Carbazole	17.46	167	2525812	43.945	ng	100
74) Di-n-butylphthalate	18.02	149	3266693	47.000	ng	100
75) Fluoranthene	19.12	202	2912623	40.805	ng	99
77) Benzidine	19.32	184	1419652	54.516	ng	100
78) Pyrene	19.48	202	2936658	50.548	ng	100
80) Butylbenzylphthalate	20.39	149	1393258	55.061	ng	99
81) Benzo(a)anthracene	21.23	228	2388948	41.471	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	687892	30.998	ng	100
83) Chrysene	21.29	228	2315594	41.551	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	2025900	55.032	ng	100
85) Di-n-octyl phthalate	22.03	149	3018119	48.688	ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2486921	41.455	ng	99
88) Benzo(b)fluoranthene	22.81	252	2243315	42.926	ng	100
89) Benzo(k)fluoranthene	22.86	252	2098162	43.650	ng	99
90) Benzo(a)pyrene	23.39	252	2065738	43.985	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	2127610	47.358	ng	99
92) Benzo(g,h,i)perylene	26.43	276	2034743	49.331	ng	98

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



#1

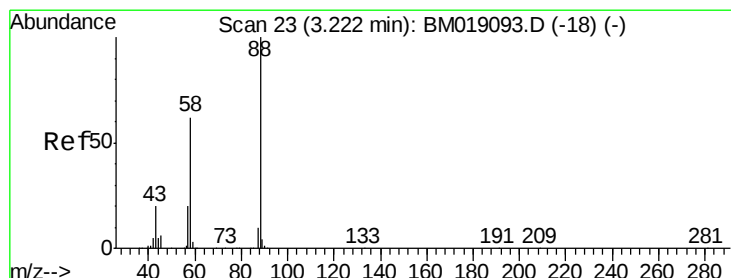
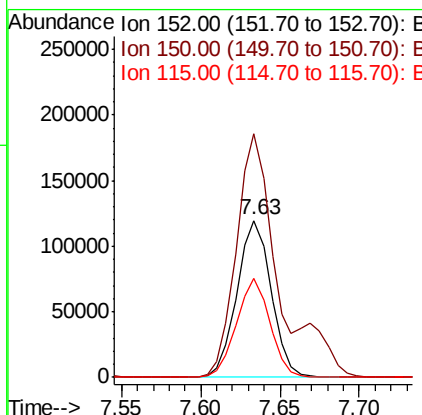
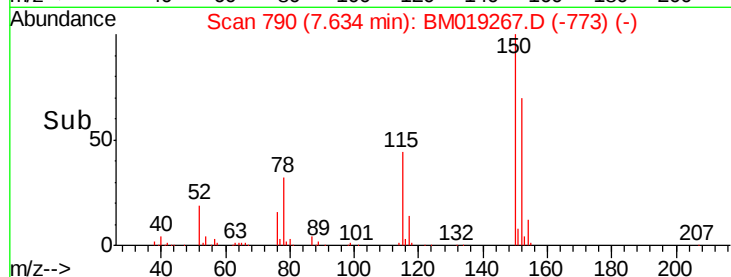
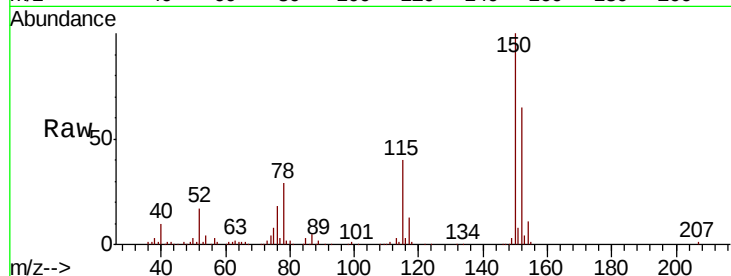
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	62.7	48.9	73.3

Manual Integrations
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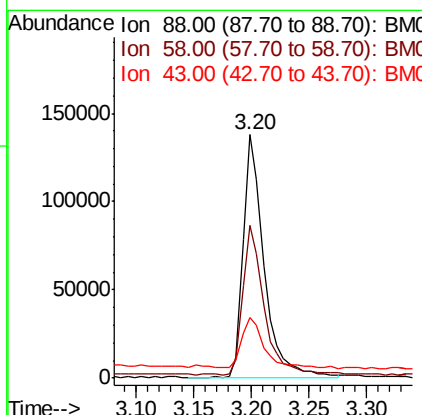
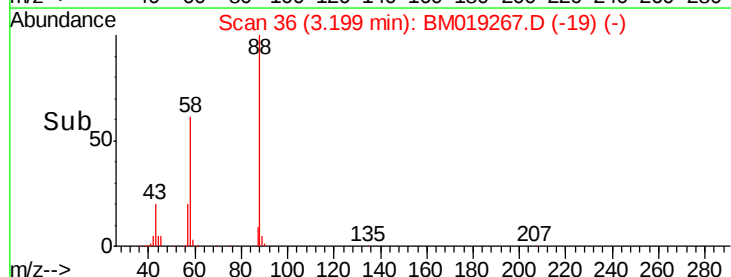
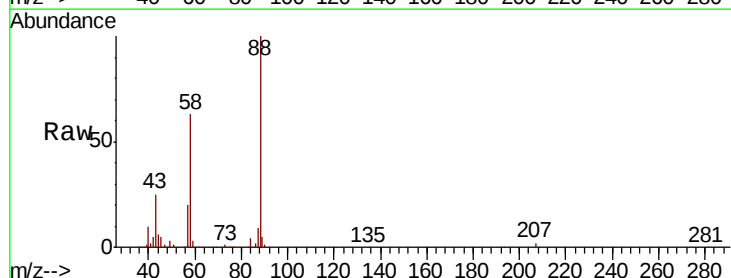
Sohil
3/22/2019 6:04:49 PM

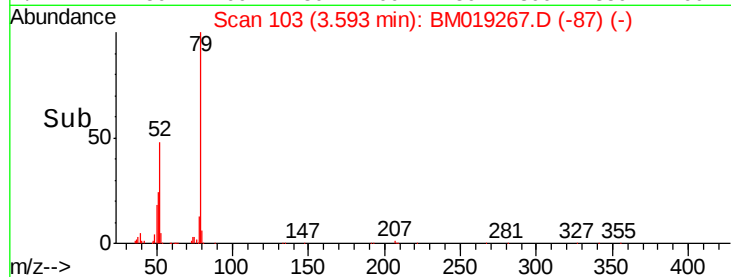
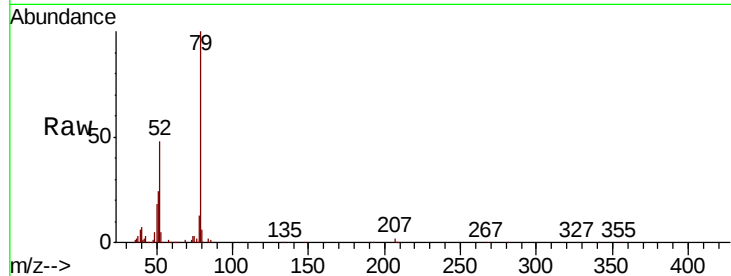


#2

1,4-Dioxane
Concen: 35.079 ng
RT: 3.20 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	49.5	74.3
43	23.7	17.2	25.8





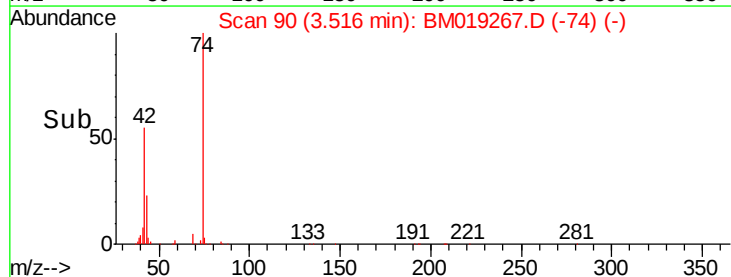
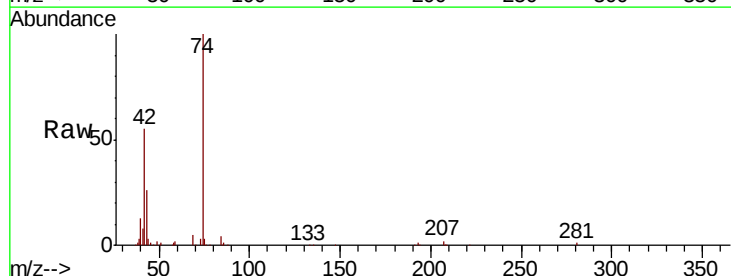
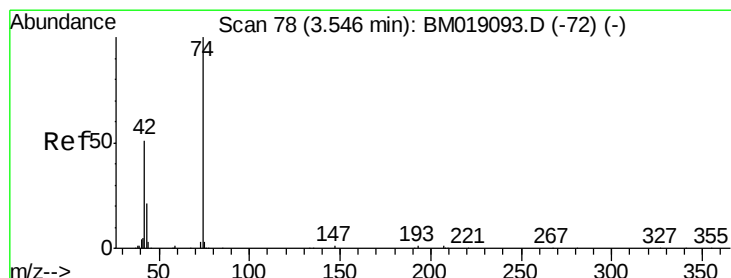
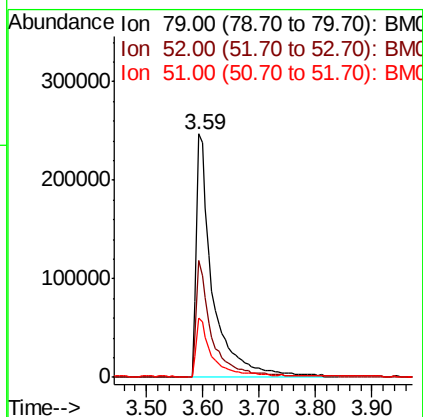
#3
 Pvridine
 Concen: 37.264 ng
 RT: 3.59 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	48.1	38.1	57.1
51	24.3	19.0	28.6

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

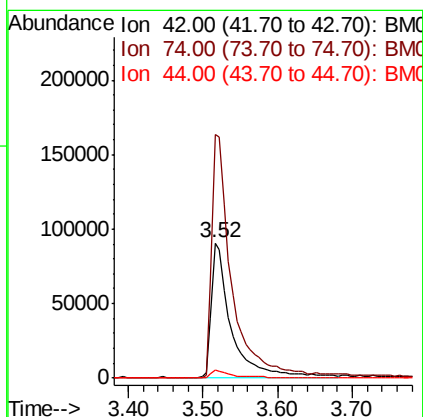
Manual Integrations
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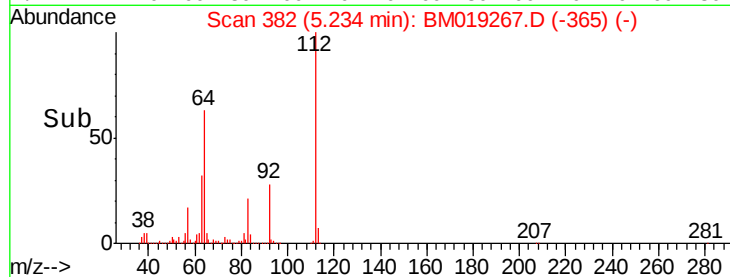
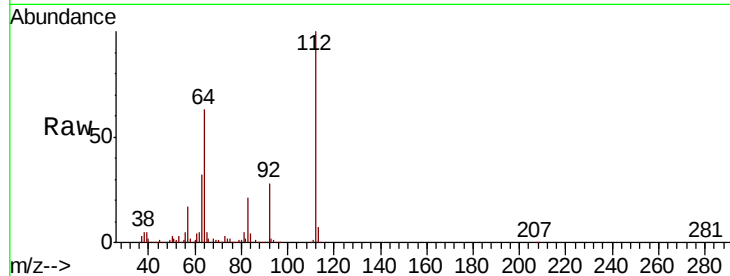
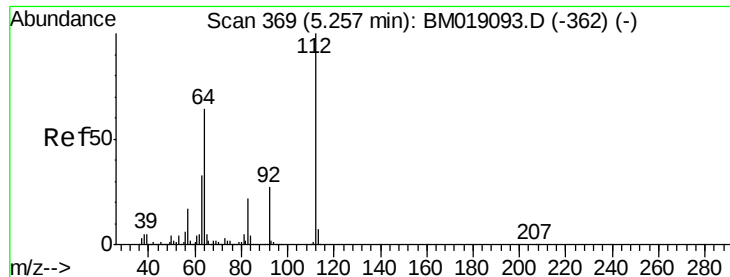
Sohil
 3/22/2019 6:04:49 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.442 ng
 RT: 3.52 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	180.4	148.6	222.8
44	5.5	4.6	7.0





#5

2-Fluorophenol

Concen: 154.218 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:112 Resp: 1709328

Ion Ratio Lower Upper

112 100

64 62.5 50.6 75.8

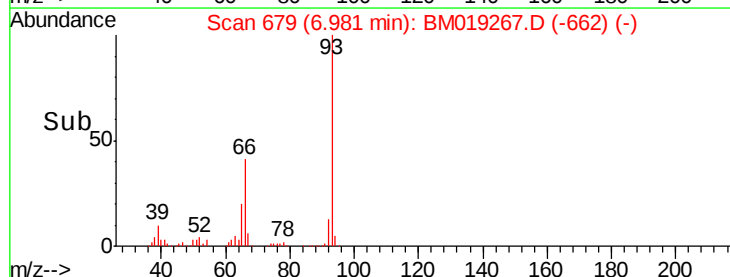
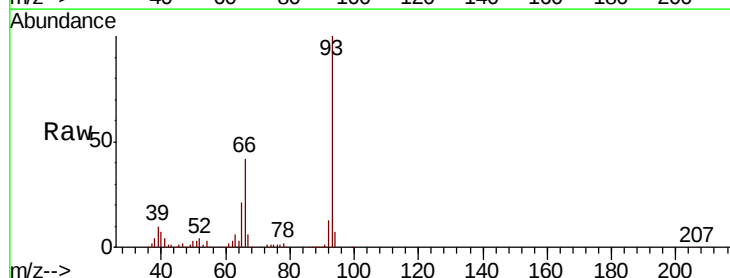
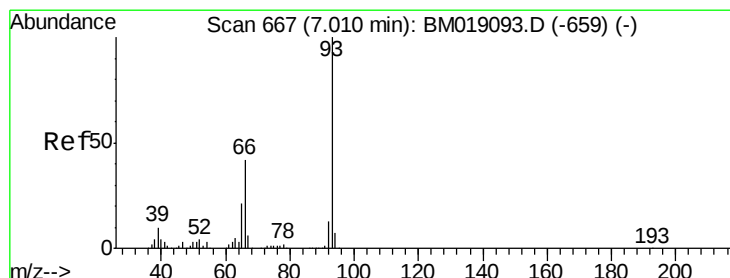
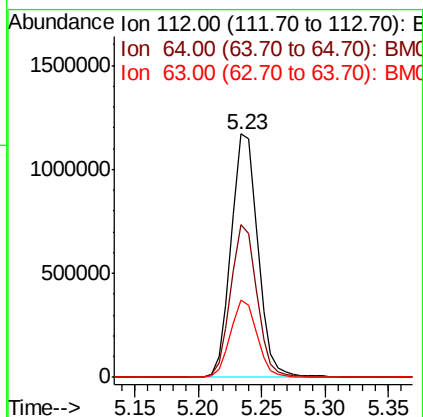
63 31.9 25.8 38.6

Manual Integrations

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#6

Aniline

Concen: 29.765 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

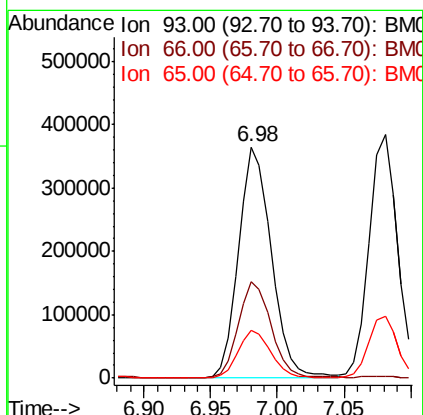
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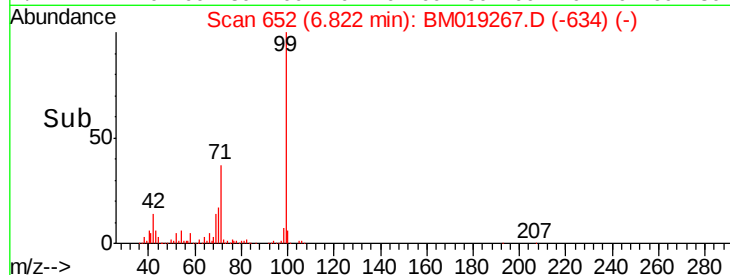
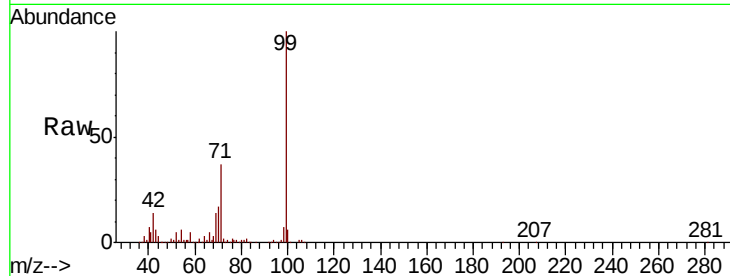
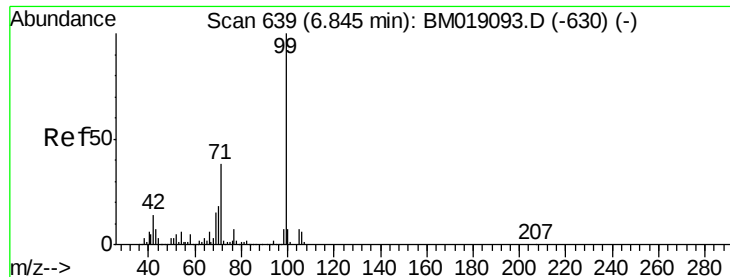
Ion Ratio Lower Upper

93 100

66 42.0 32.8 49.2

65 20.7 16.2 24.4





#7

Phenol-d6

Concen: 156.913 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tot Ion:	99	Resp:	2543926
Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.0	16.6
71	37.0	30.1	45.1

Instrument :

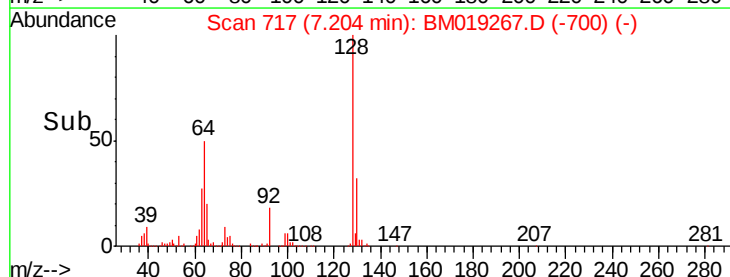
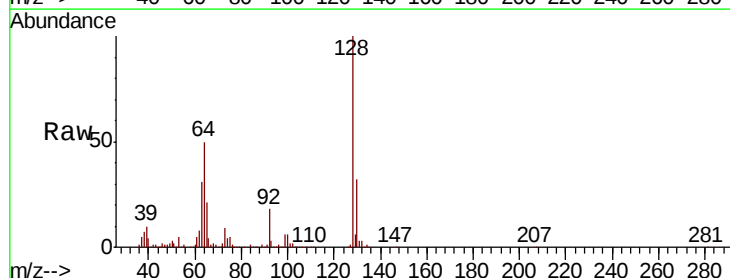
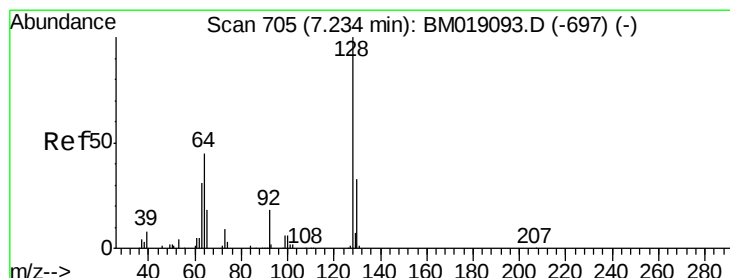
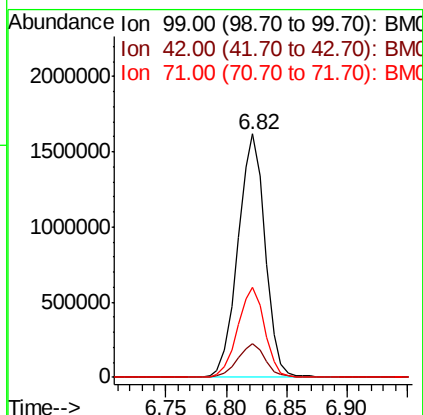
BNA_M

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#8

2-Chlorophenol

Concen: 46.757 ng

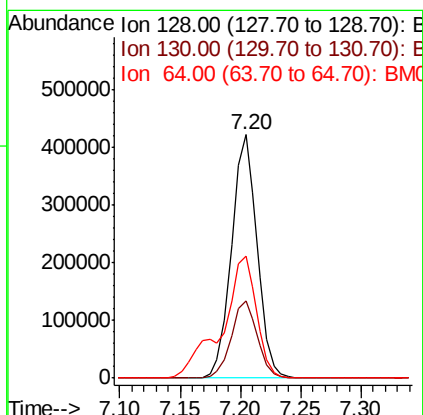
RT: 7.20 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion:	128	Resp:	622780
Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.7	51.7
64	50.3	30.6	70.6





#9

Benzaldehyde

Concen: 19.203 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

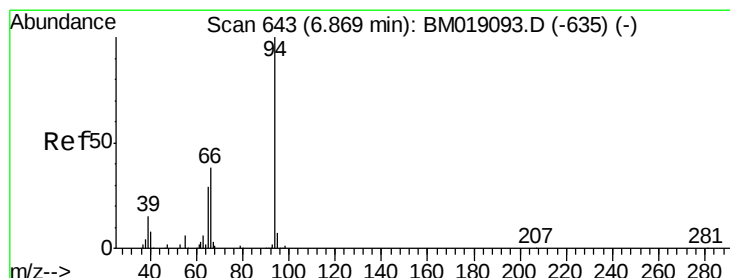
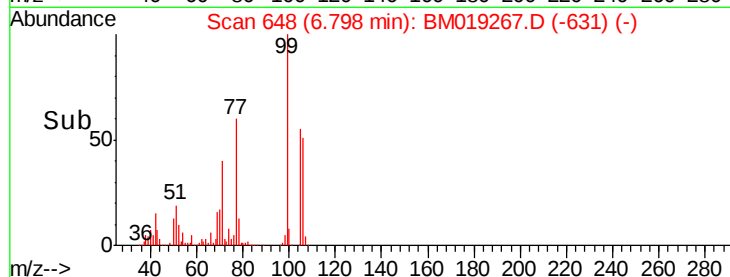
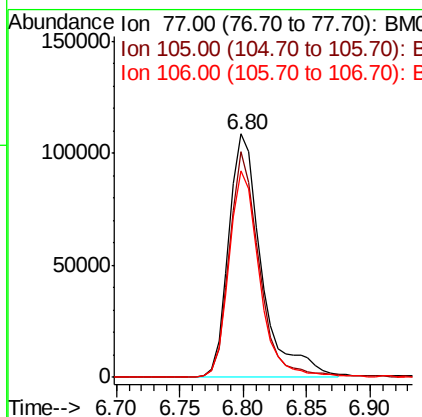
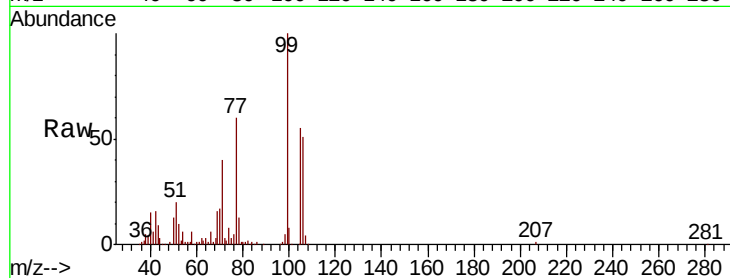
ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:	77	Resp:	195825
Ion Ratio	Lower	Upper	
77	100		
105	92.8	67.6	107.6
106	84.9	63.6	103.6

Manual Integrations
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#10

Phenol

Concen: 51.058 ng

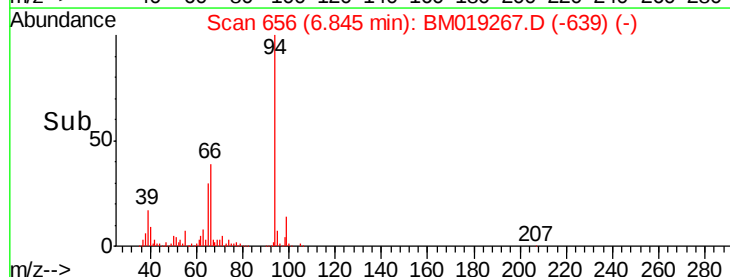
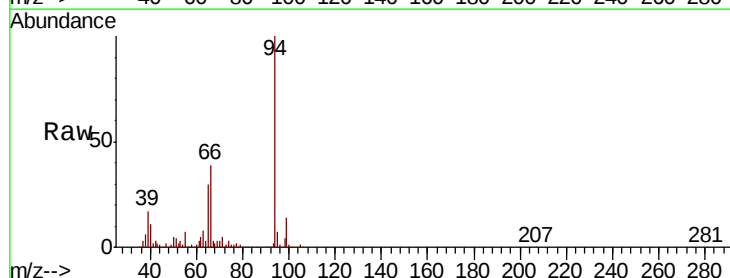
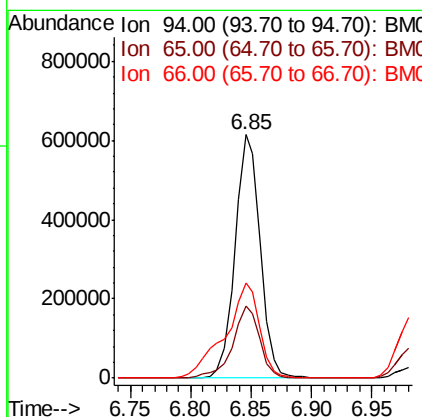
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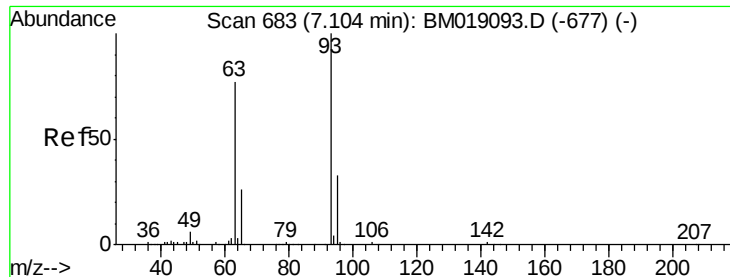
Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion:	94	Resp:	892099
Ion Ratio	Lower	Upper	
94	100		
65	29.7	9.2	49.2
66	39.0	17.7	57.7





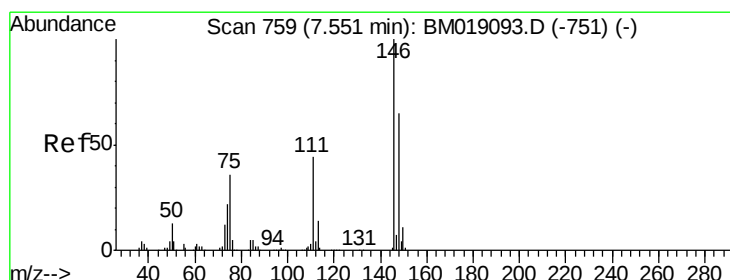
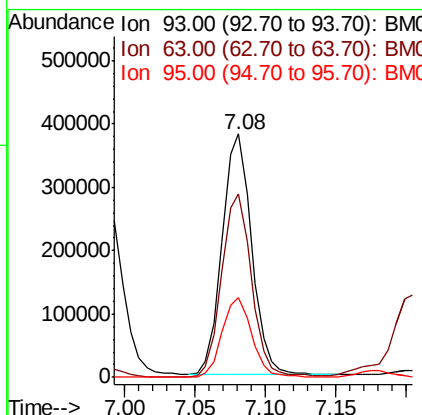
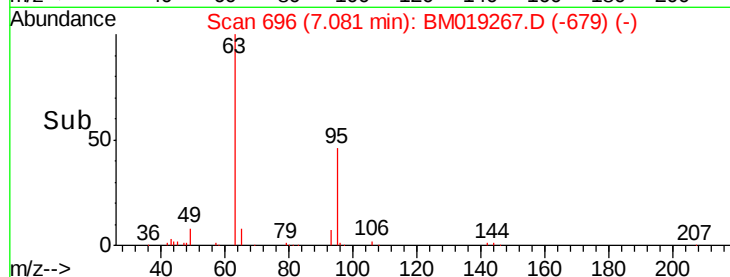
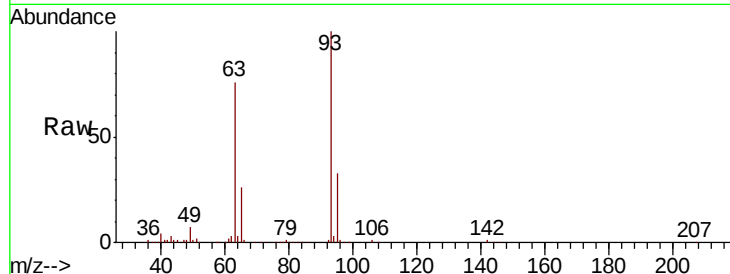
#11
bis(2-Chloroethyl)ether
Concen: 41.577 ng
RT: 7.08 min Scan# 696
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.6	54.6	94.6	
95	32.8	12.6	52.6	

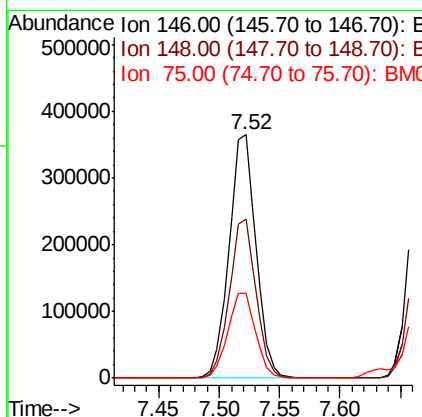
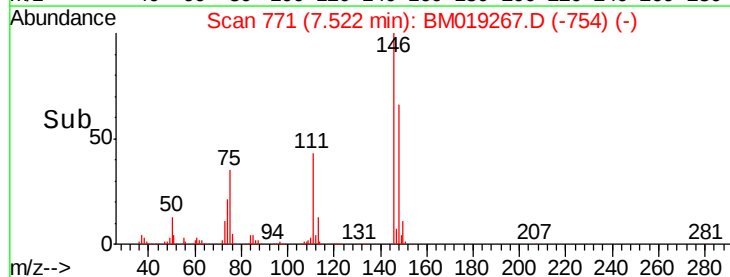
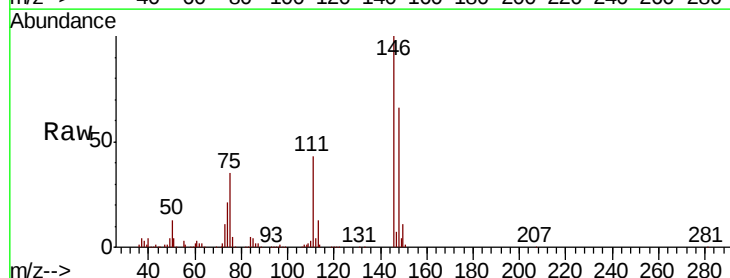
Manual Integrations
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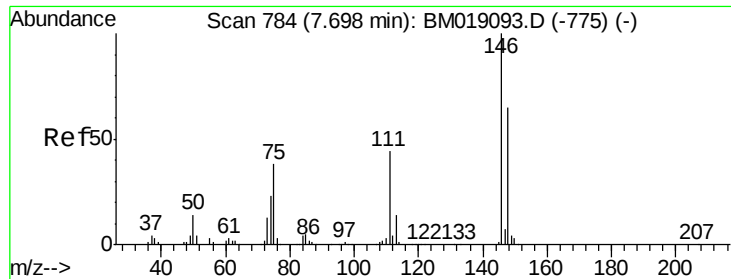
Sohil
3/22/2019 6:04:49 PM



#12
1,3-Dichlorobenzene
Concen: 40.145 ng
RT: 7.52 min Scan# 771
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.5	51.2	76.8	
75	34.8	28.6	42.8	





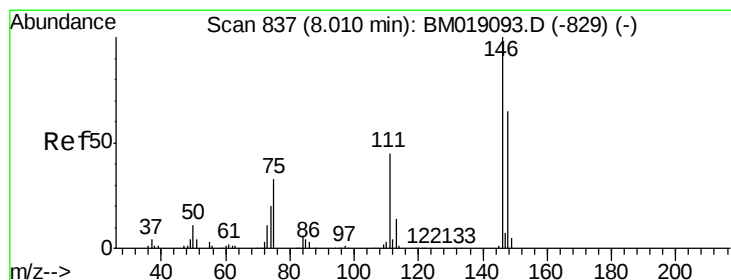
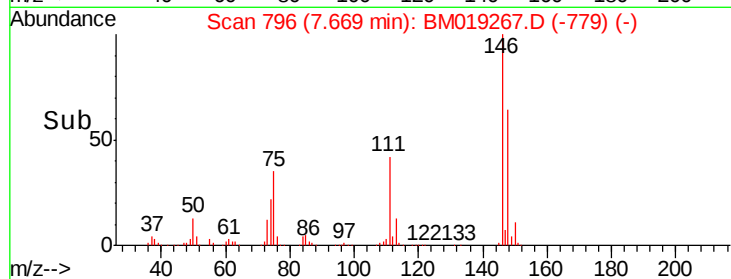
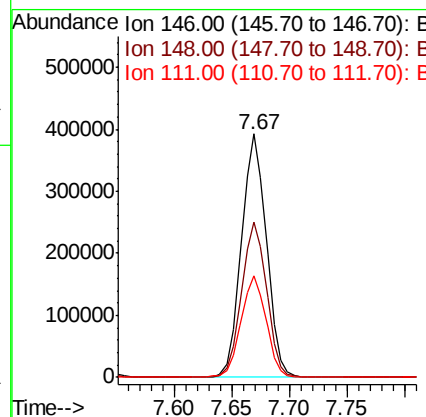
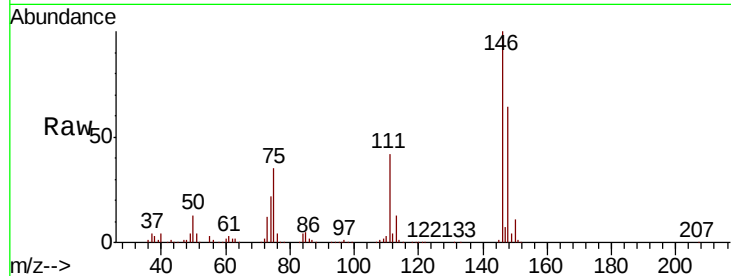
#13
 1,4-Dichlorobenzene
 Concen: 40.865 ng
 RT: 7.67 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.4
111	41.7	34.4	51.6

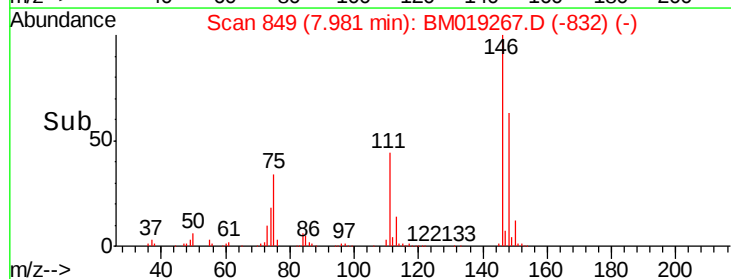
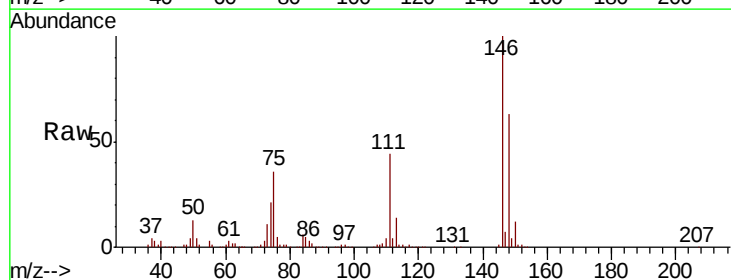
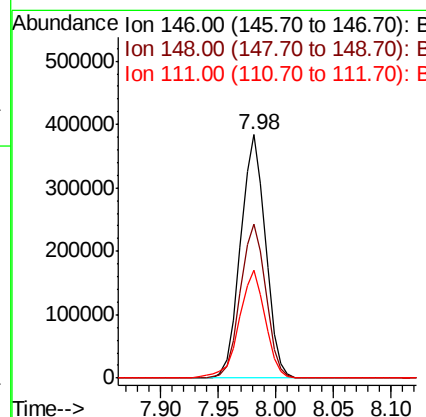
Manual Integrations
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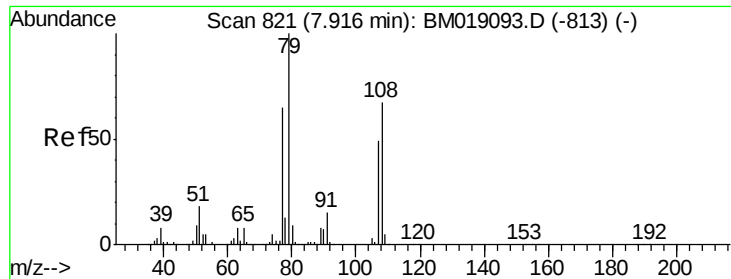
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.113 ng
 RT: 7.98 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.5	77.3
111	44.2	35.4	53.0





#15

Benzyl Alcohol

Concen: 44.398 ng

RT: 7.89 min Scan# 834

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

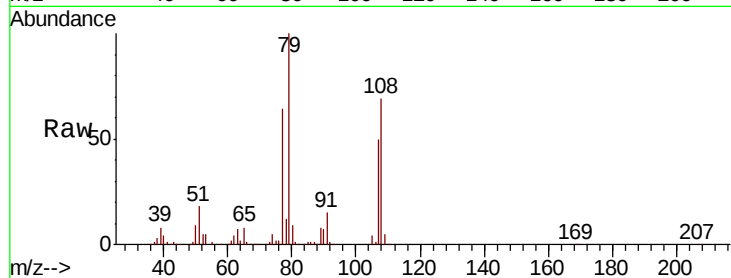
ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:	79	Resp:	595726
Ion Ratio	Lower	Upper	
79	100		
108	68.9	53.4	80.2
77	63.7	51.1	76.7

Manual Integrations
APPROVED

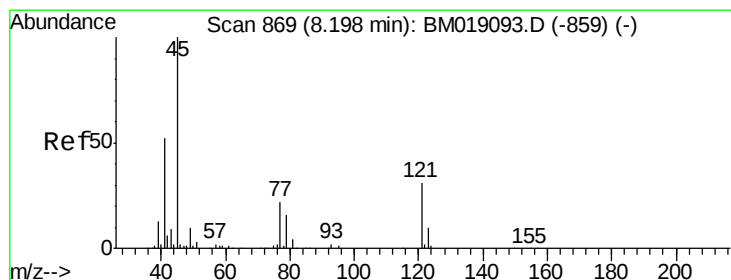
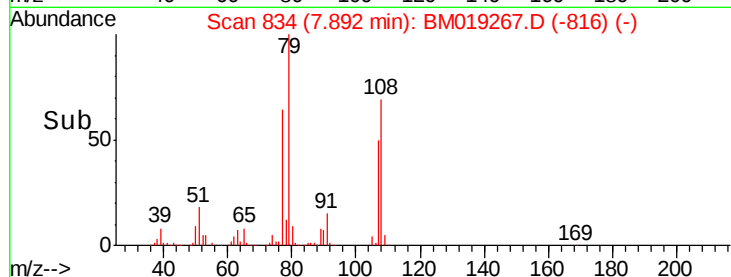
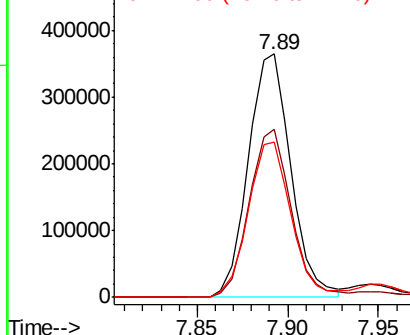
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Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.885 ng

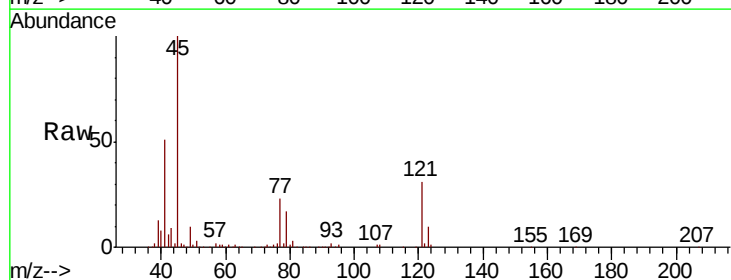
RT: 8.15 min Scan# 878

Delta R.T. -0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

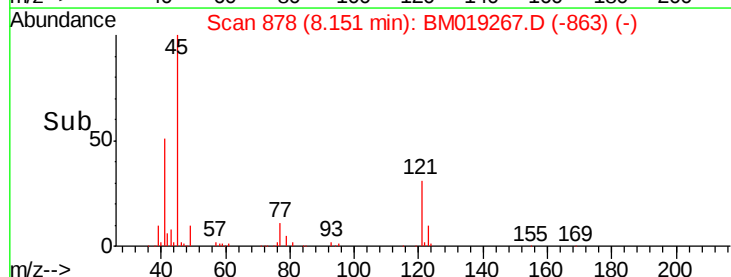
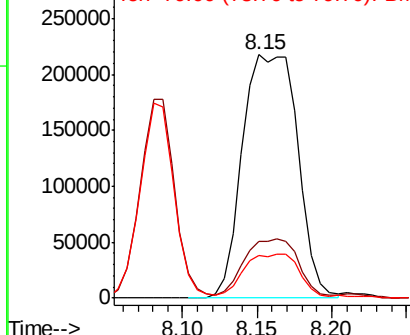
Tgt Ion:	45	Resp:	556586
Ion Ratio	Lower	Upper	
45	100		
77	23.2	3.0	43.0
79	17.3	0.0	38.0



Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-859) (-)





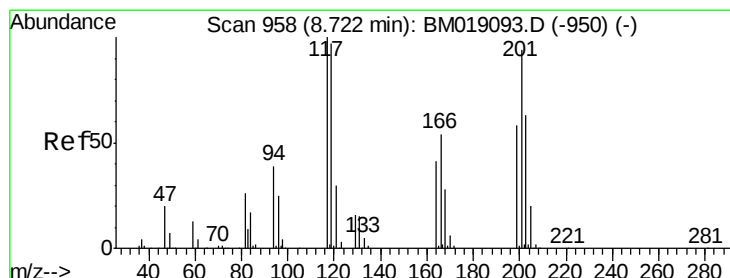
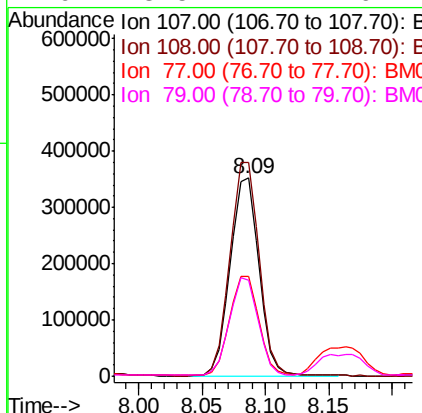
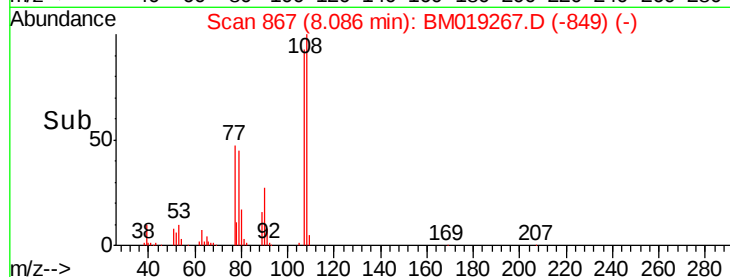
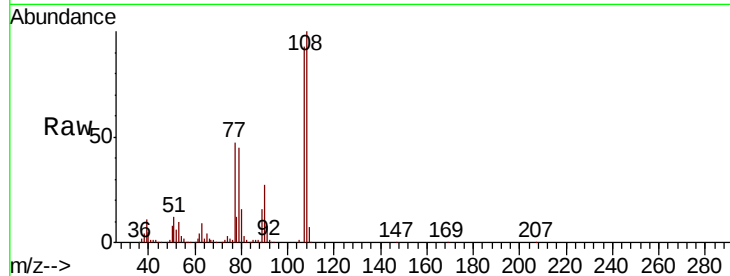
#17
2-Methylphenol
Concen: 48.391 ng
RT: 8.09 min Scan# 867
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.5	88.0	132.0	
77	50.4	42.1	63.1	
79	48.5	41.1	61.7	

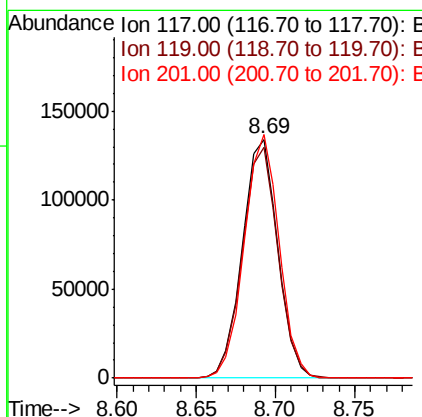
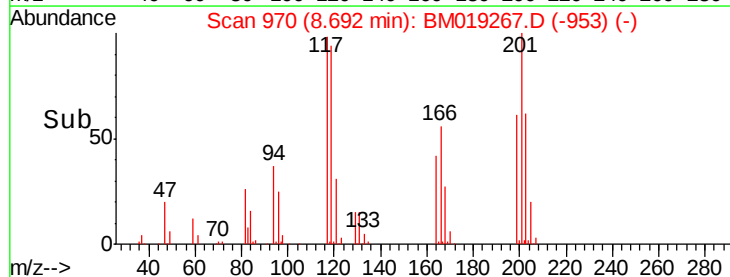
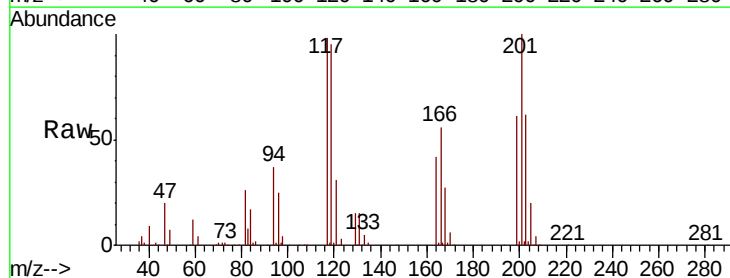
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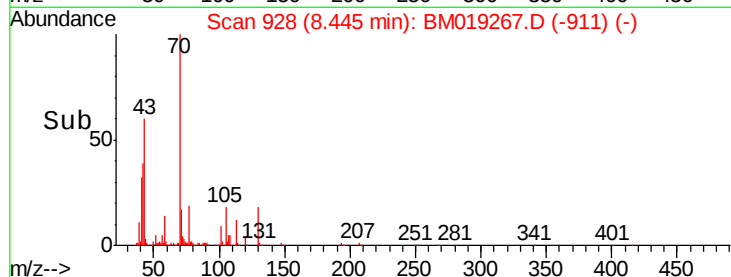
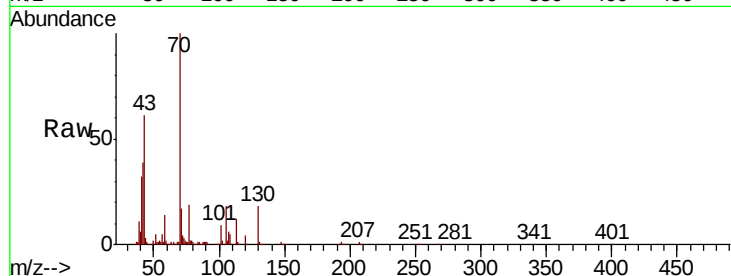
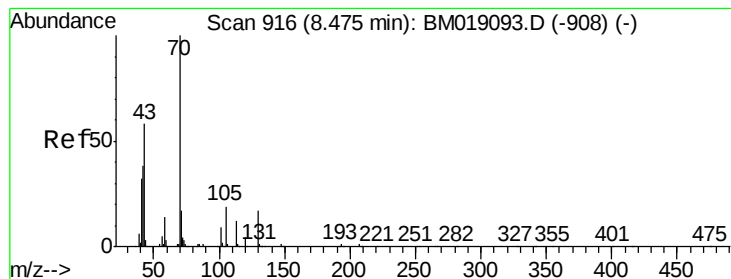
Sohil
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#18
Hexachloroethane
Concen: 38.934 ng
RT: 8.69 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	76.2	114.2	
201	102.1	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 41.530 ng

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		552379		
42	38.6	30.0	45.0		
101	8.6	7.0	10.6		
130	18.2	14.5	21.7		

Instrument :

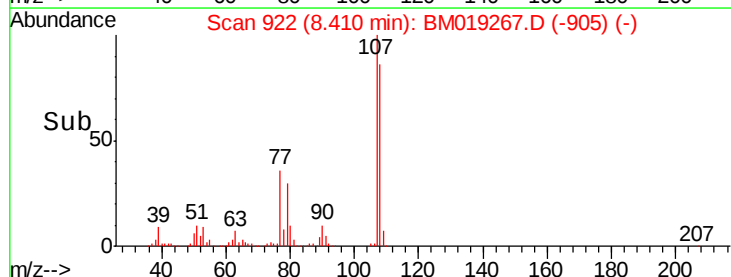
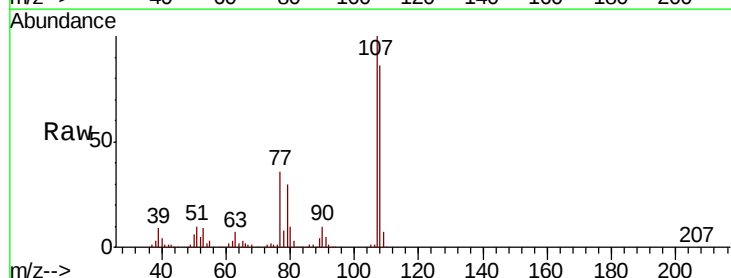
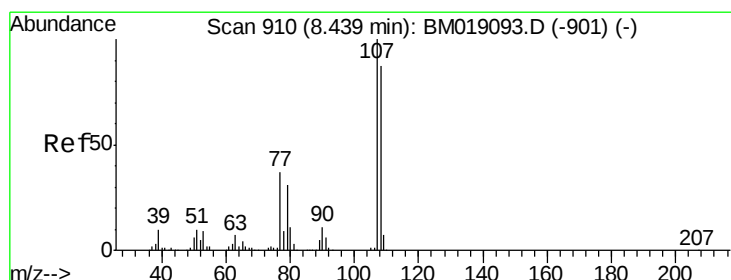
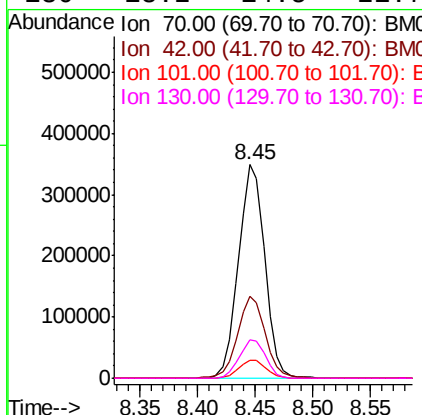
BNA_M

ClientSampleId :

SB-13(13.5-14.5)MSD

Manual Integrations
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#20

3+4-Methylphenols

Concen: 49.203 ng

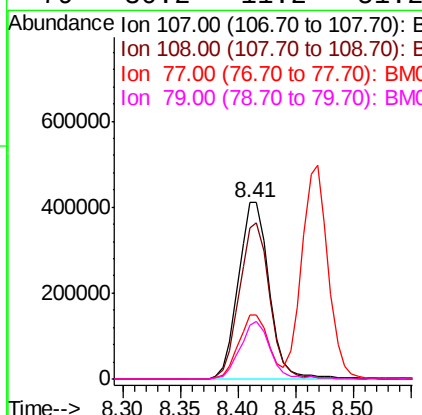
RT: 8.41 min Scan# 922

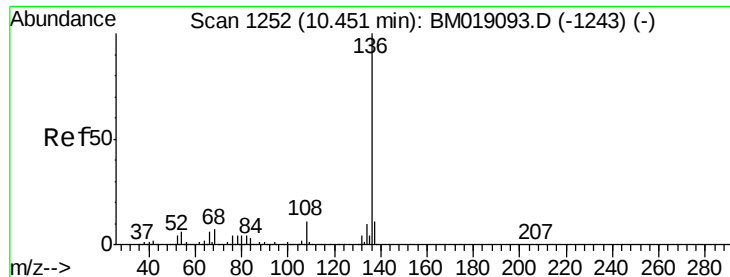
Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		760425		
108	85.8	67.0	107.0		
77	36.1	16.8	56.8		
79	30.2	11.2	51.2		





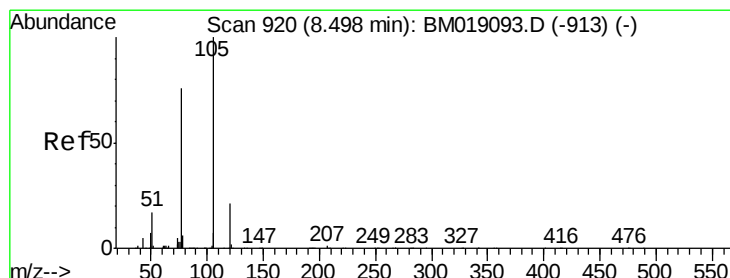
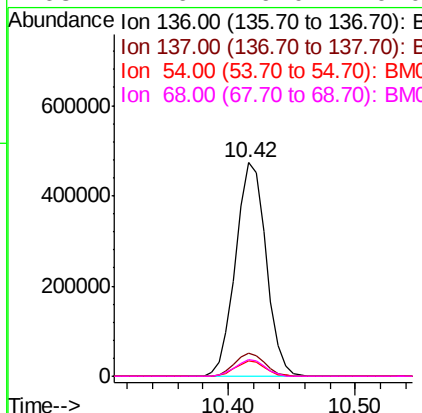
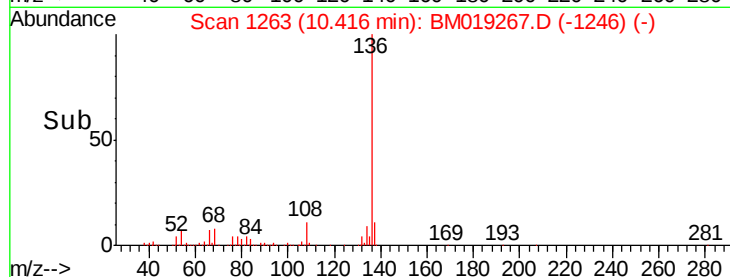
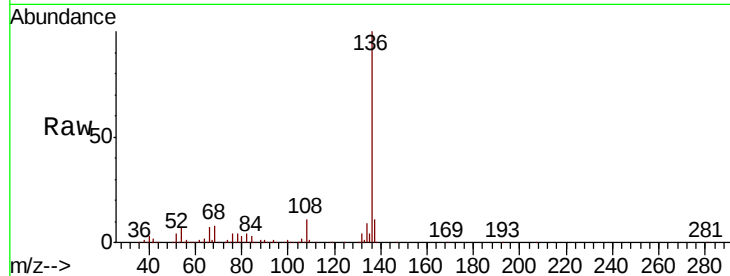
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	787316		
137	11.1		8.6	12.8
54	7.0		5.5	8.3
68	7.6		6.0	9.0

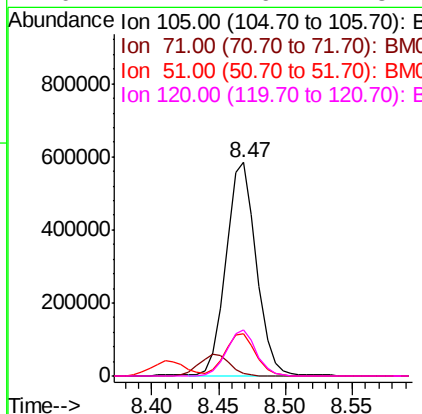
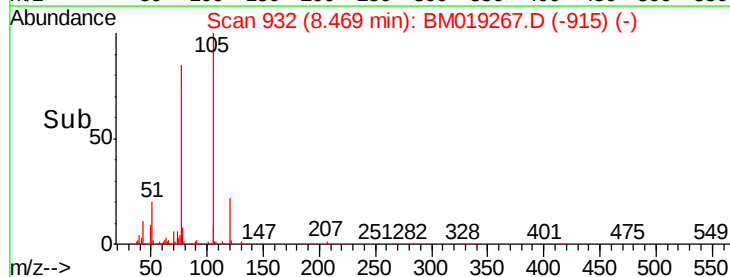
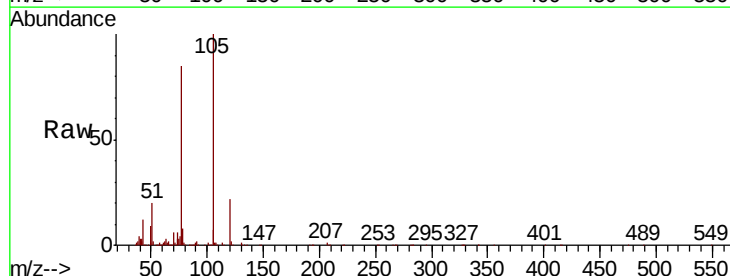
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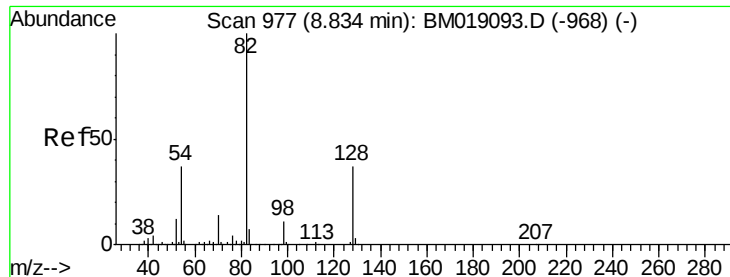
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#22
Acetophenone
Concen: 42.419 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	922955		
71	1.1		0.9	1.3
51	19.7		15.9	23.9
120	21.7		16.7	25.1





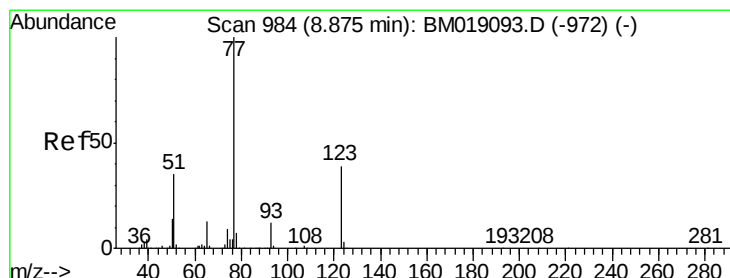
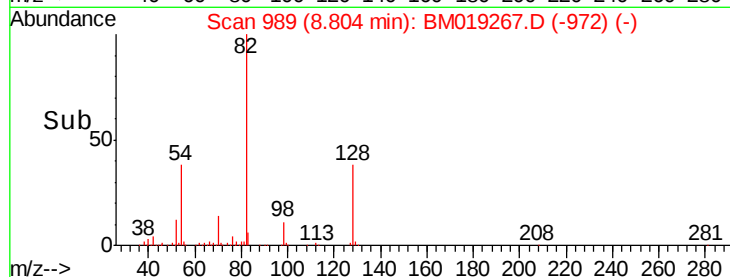
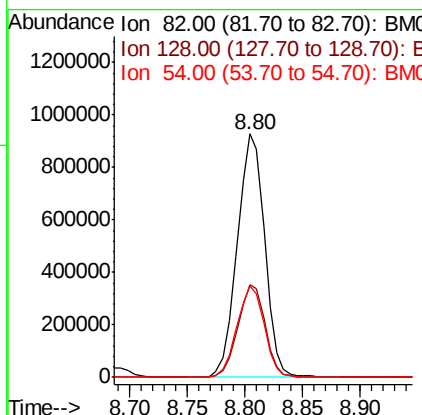
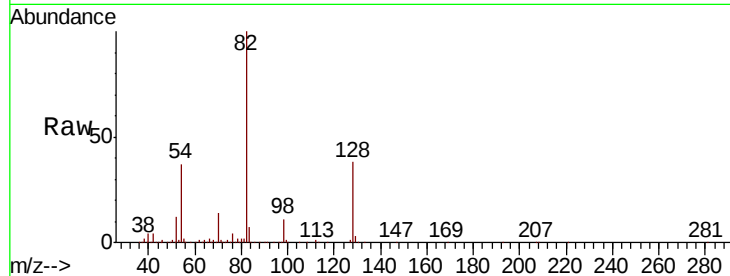
#23
 Nitrobenzene-d5
 Concen: 91.777 ng
 RT: 8.80 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.2	45.4
54	37.4	30.2	45.2

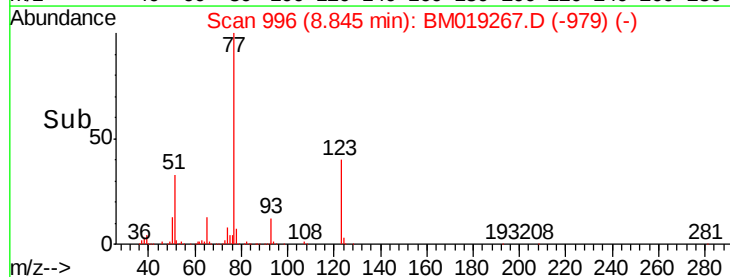
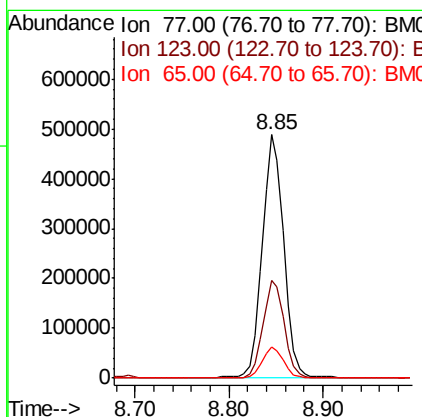
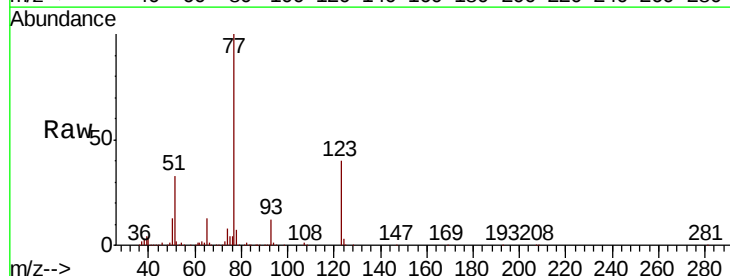
Manual Integrations
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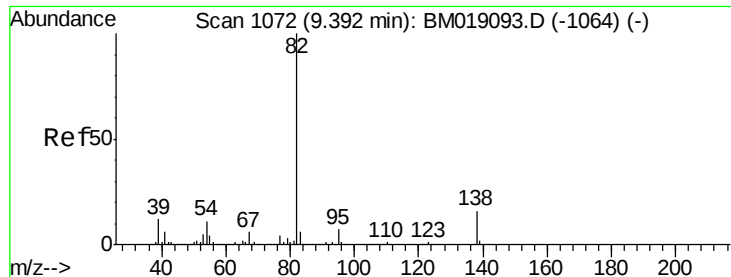
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#24
 Nitrobenzene
 Concen: 44.373 ng
 RT: 8.85 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	31.4	47.0
65	12.9	10.2	15.4





#25

Isophorone

Concen: 44.827 ng

RT: 9.36 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion: 82 Resp: 1424677

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

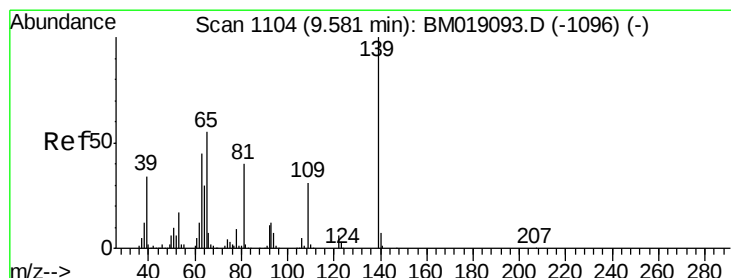
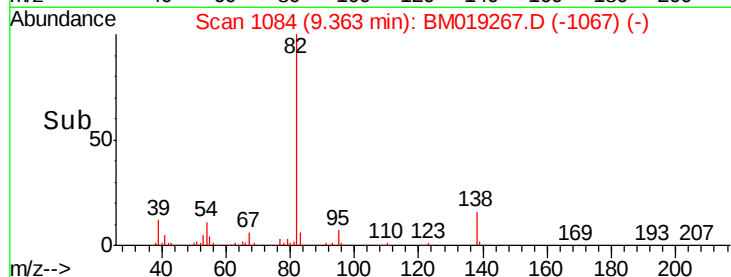
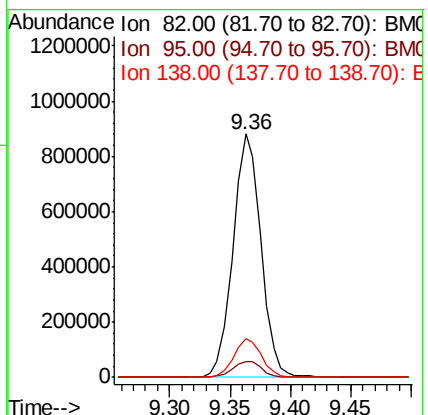
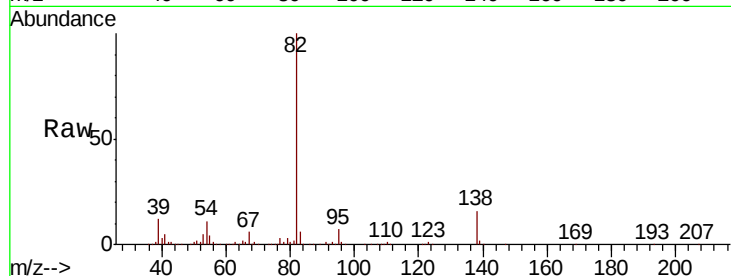
138 15.7 12.2 18.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.818 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

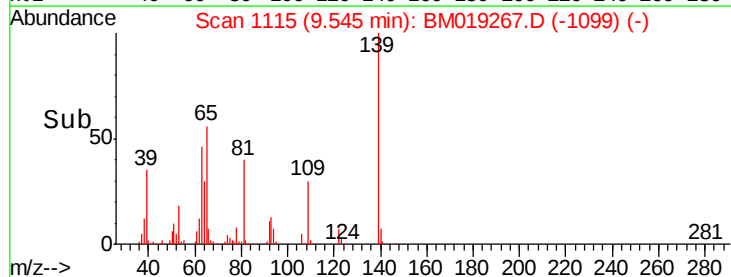
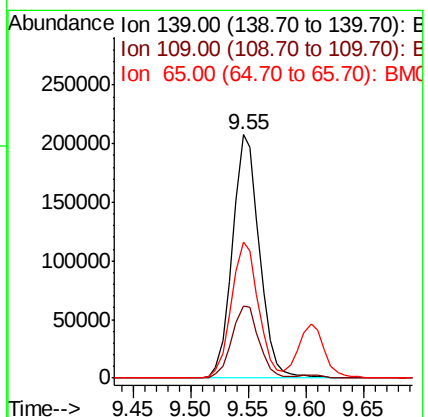
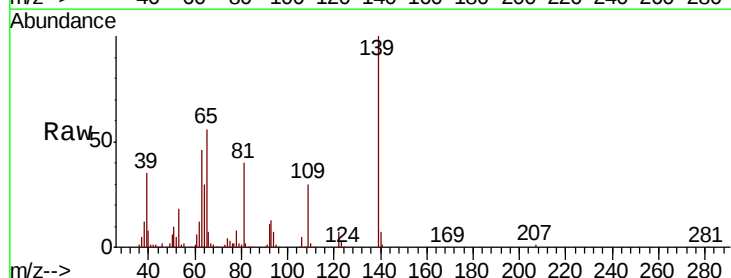
Tgt Ion: 139 Resp: 336160

Ion Ratio Lower Upper

139 100

109 29.8 23.8 35.8

65 55.9 43.3 64.9





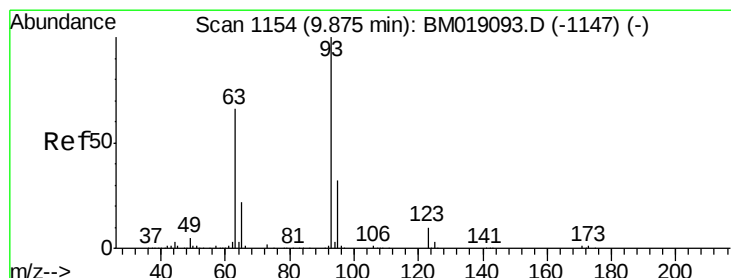
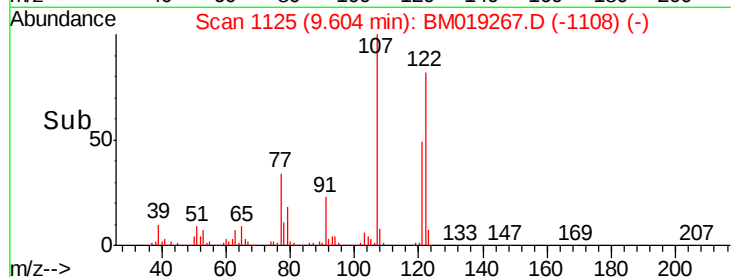
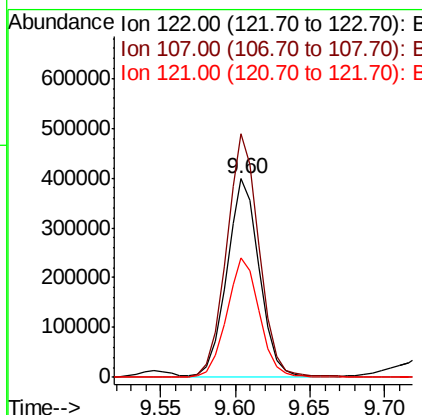
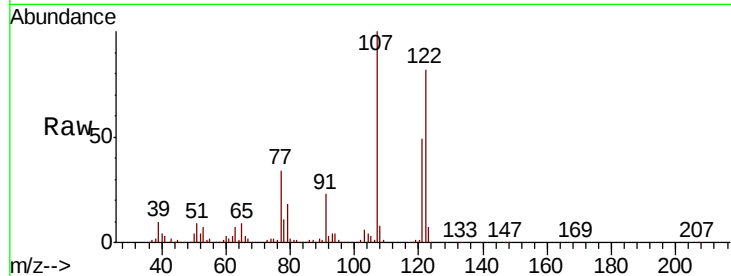
#27
2,4-Dimethylphenol
Concen: 56.611 ng
RT: 9.60 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	96.4	144.6
121	59.9	47.6	71.4

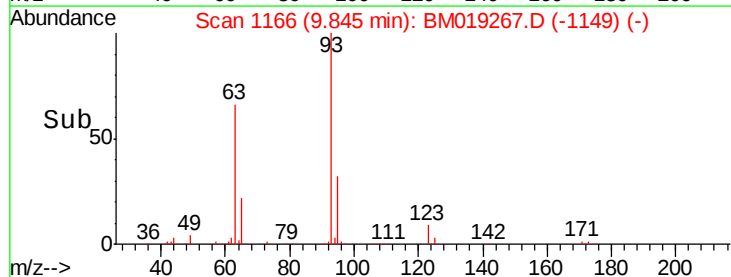
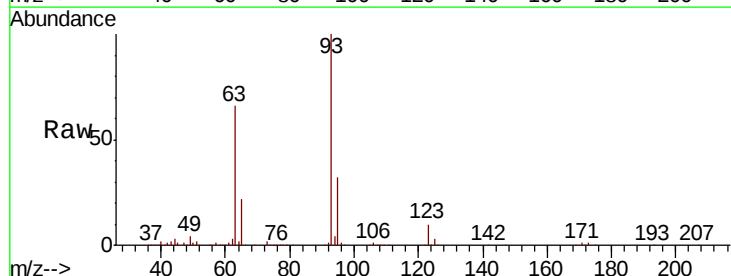
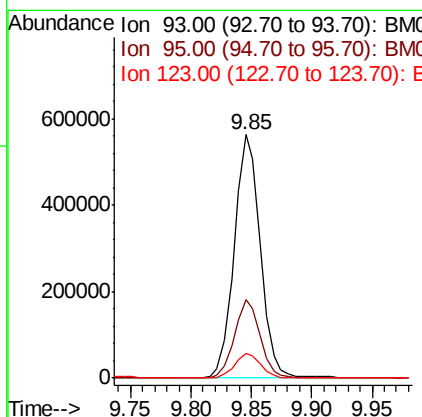
Manual Integrations
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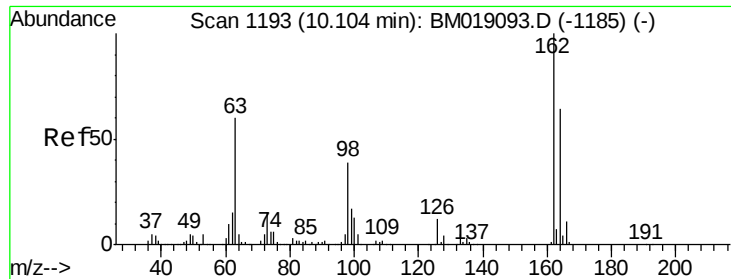
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.185 ng
RT: 9.85 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.7	37.1
123	10.2	8.6	12.8





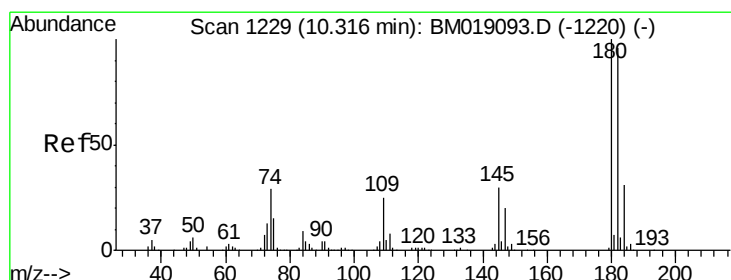
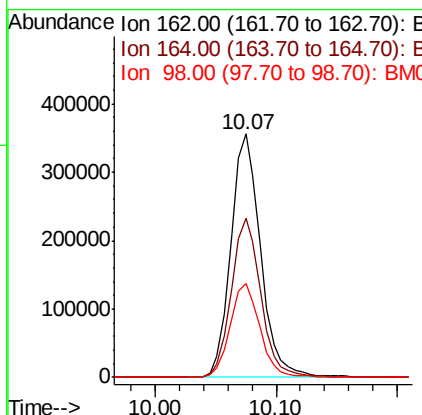
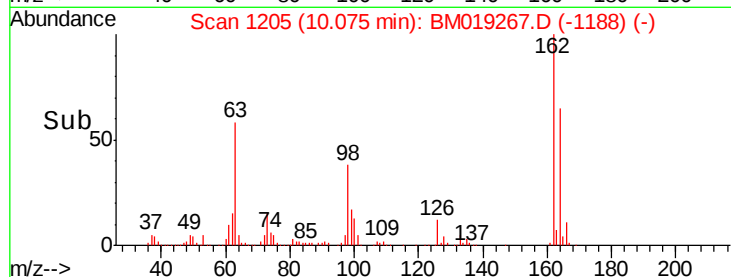
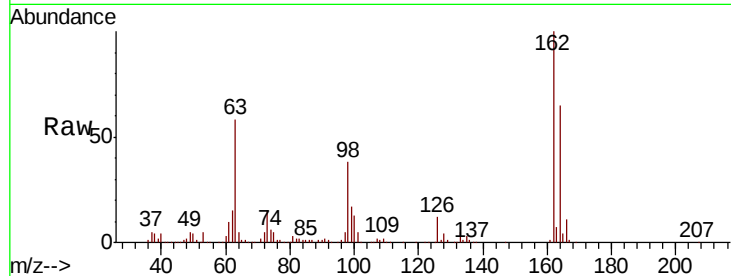
#29
2,4-Dichlorophenol
Concen: 51.657 ng
RT: 10.07 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	610703		
164	65.4	45.6	85.6	
98	38.5	18.0	58.0	

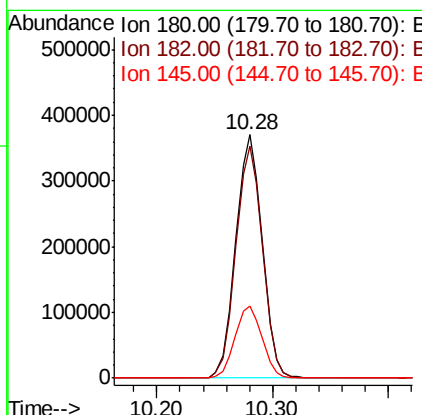
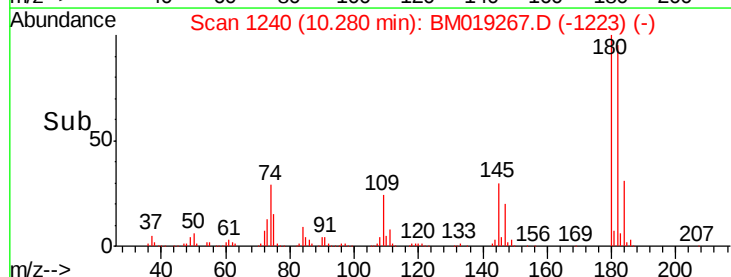
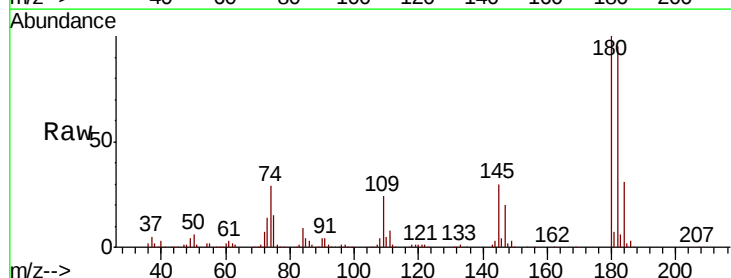
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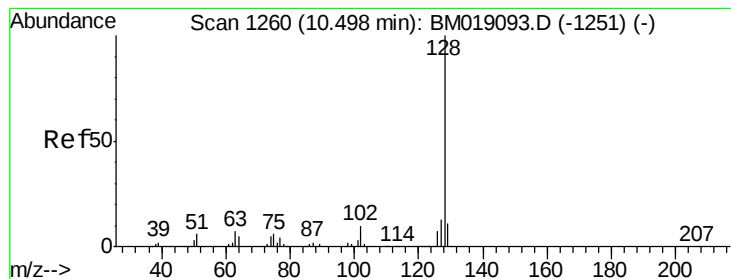
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#30
1,2,4-Trichlorobenzene
Concen: 44.089 ng
RT: 10.28 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	587726		
182	95.3	77.9	116.9	
145	29.7	24.7	37.1	





#31

Naphthalene

Concen: 43.960 ng

RT: 10.47 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:128 Resp: 1824217

Ion Ratio Lower Upper

128 100

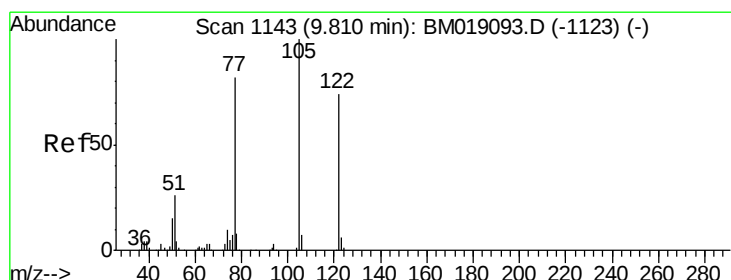
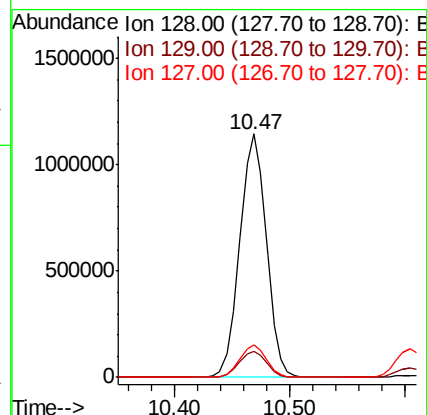
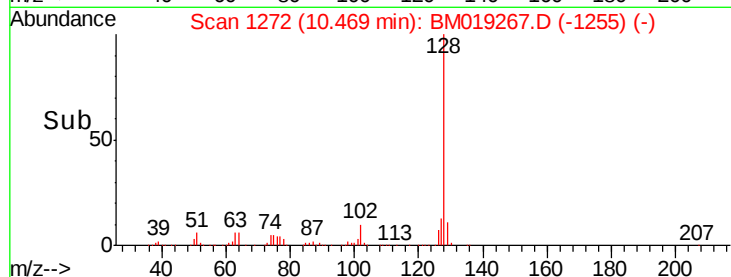
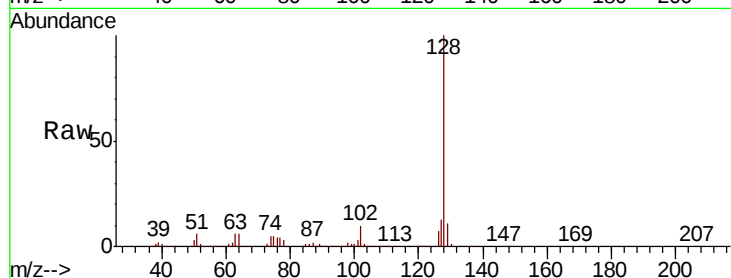
129 10.9 8.7 13.1

127 13.1 10.3 15.5

Manual Integrations
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#32

Benzoic acid

Concen: 16.031 ng m

RT: 9.74 min Scan# 1148

Delta R.T. -0.04 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

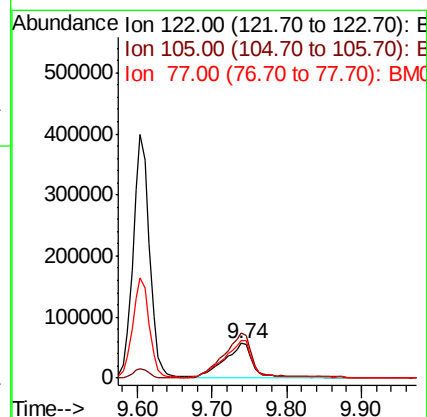
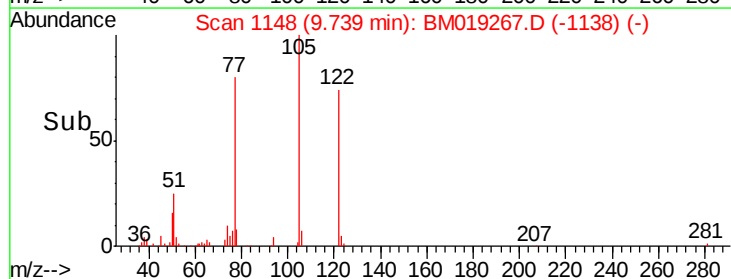
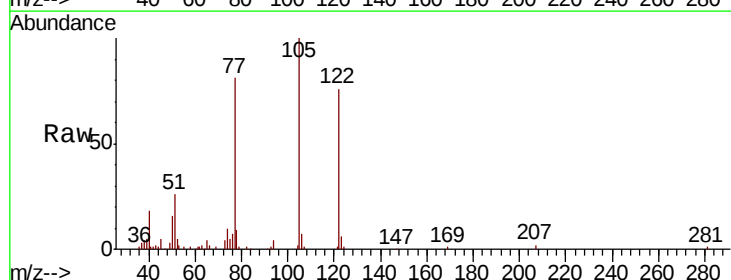
Tgt Ion:122 Resp: 144923

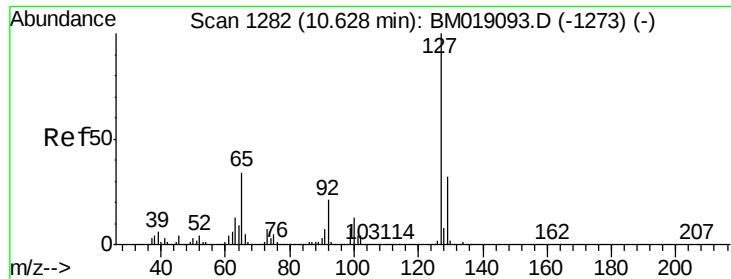
Ion Ratio Lower Upper

122 100

105 131.9 115.6 155.6

77 107.5 93.8 133.8





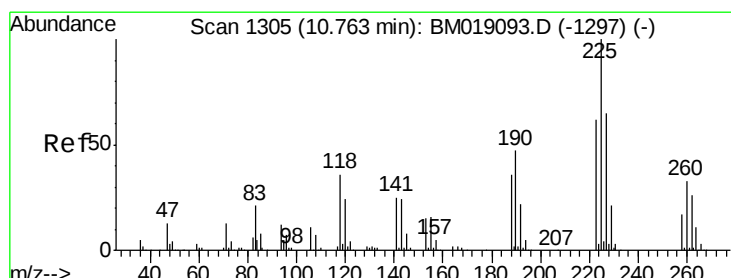
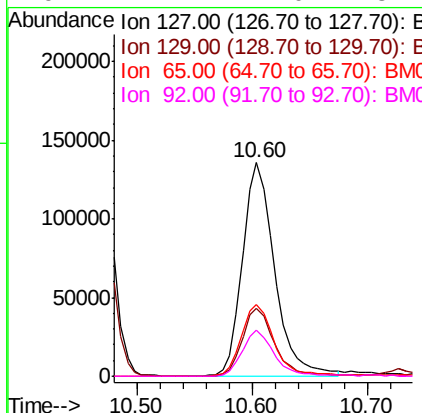
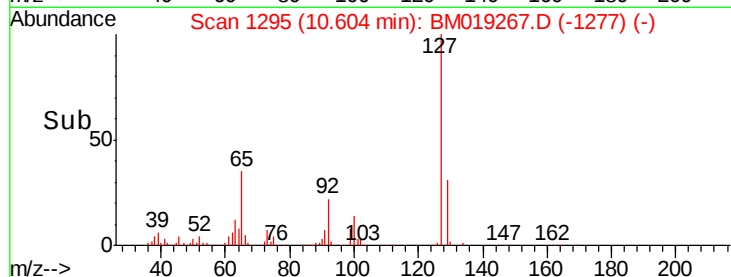
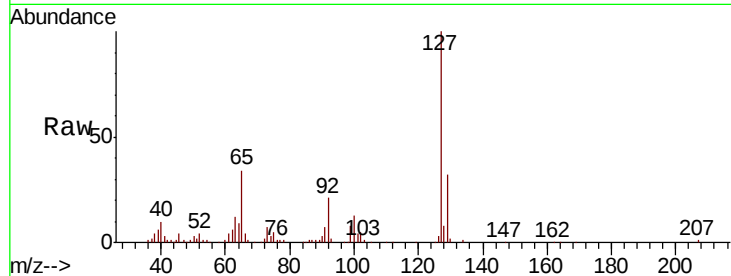
#33
4-Chloroaniline
Concen: 15.520 ng
RT: 10.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	33.8	27.5	41.3		
92	21.4	17.0	25.4		

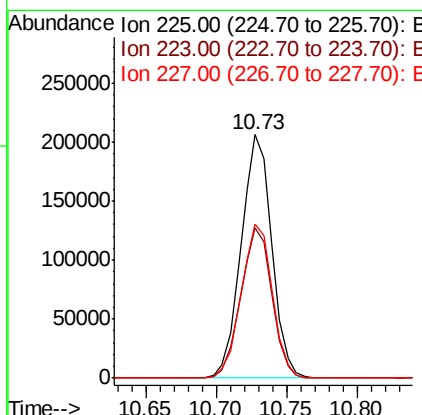
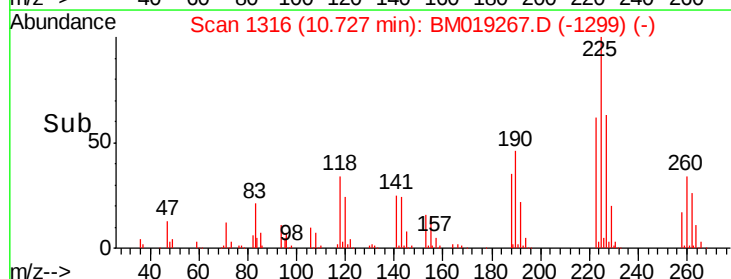
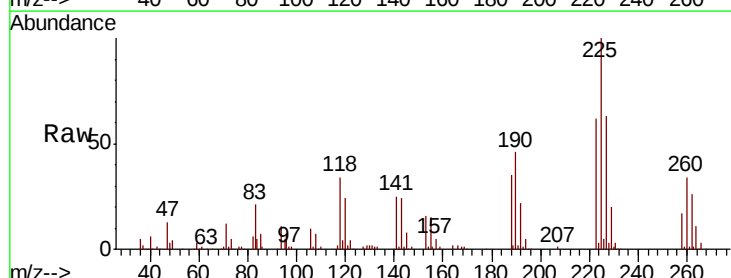
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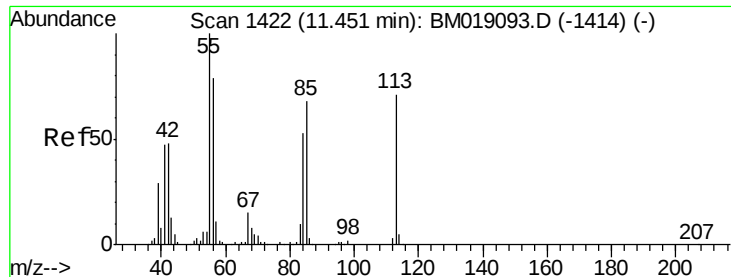
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#34
Hexachlorobutadiene
Concen: 40.846 ng
RT: 10.73 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	51.0	76.4		
227	63.3	51.0	76.6		





#35

Caprolactam

Concen: 47.837 ng/ml

RT: 11.43 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:113 Resp: 201458

Ion Ratio Lower Upper

113 100

55 137.4 120.1 160.1

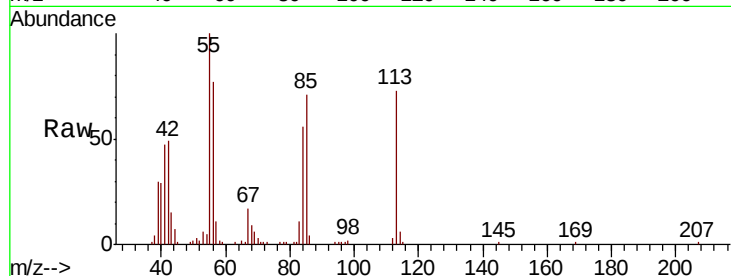
56 106.0 91.6 131.6

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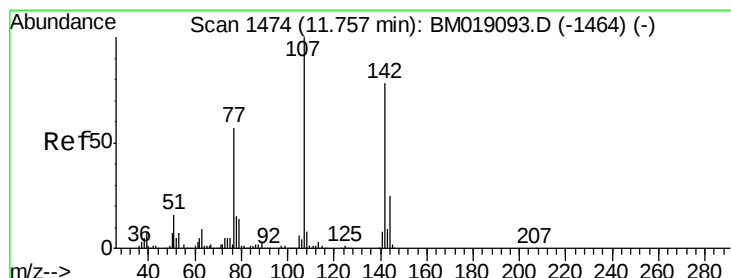
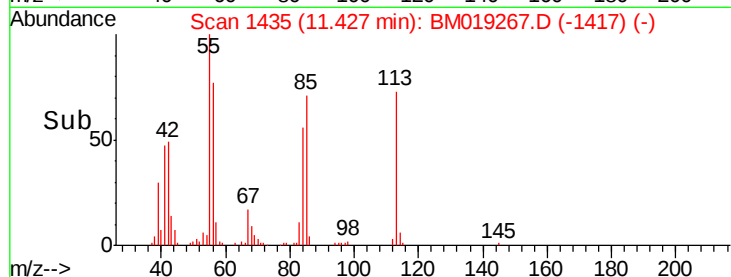
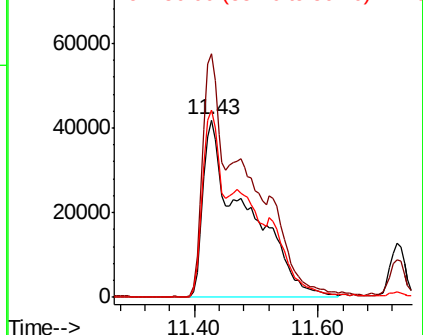


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 48.530 ng/ml

RT: 11.73 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

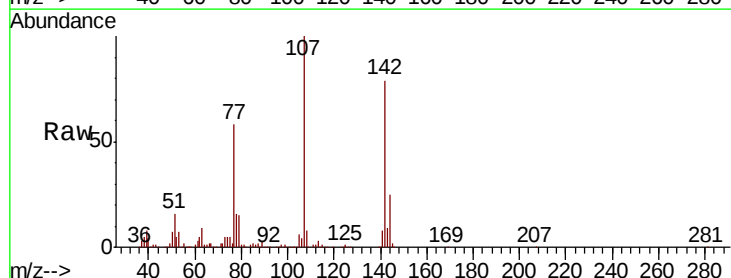
Tgt Ion:107 Resp: 707910

Ion Ratio Lower Upper

107 100

144 25.4 20.1 30.1

142 78.7 62.1 93.1

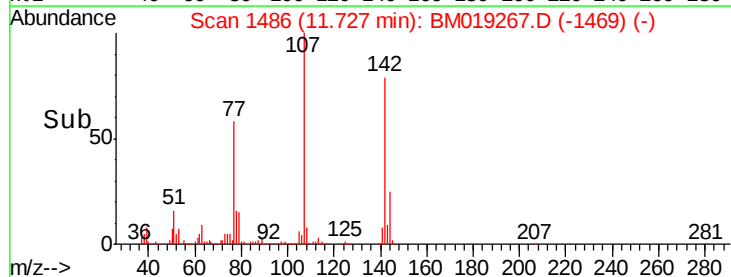
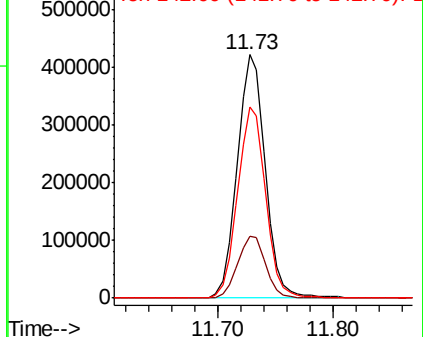


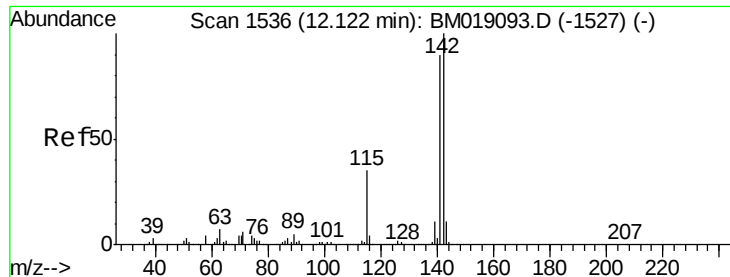
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





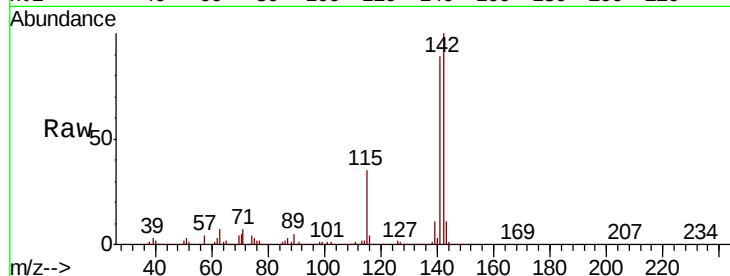
#37
2-Methylnaphthalene
Concen: 45.630 ng
RT: 12.09 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	35.0	27.7	41.5

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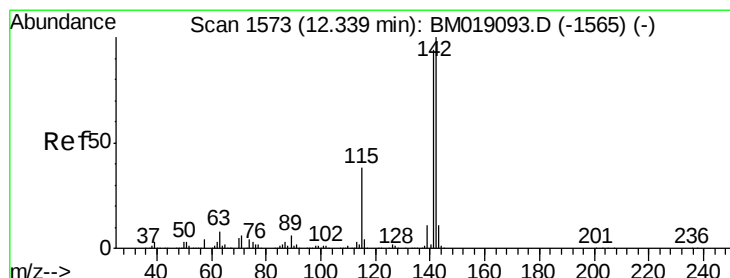
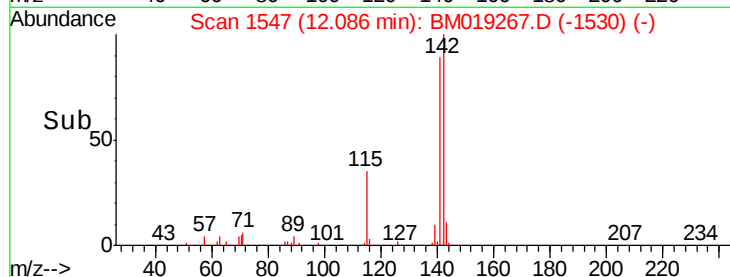
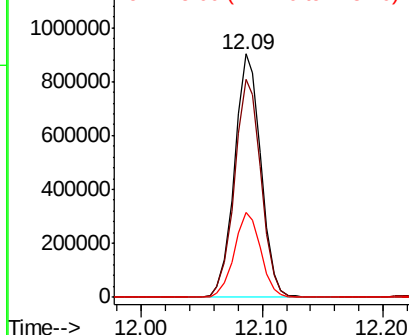


Abundance

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: 44.227 ng
RT: 12.31 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

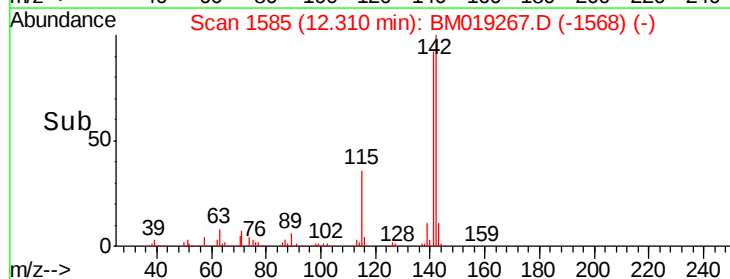
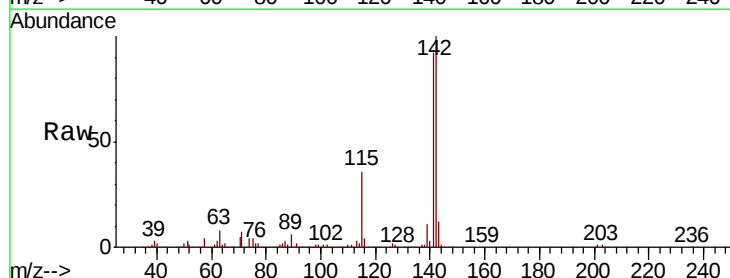
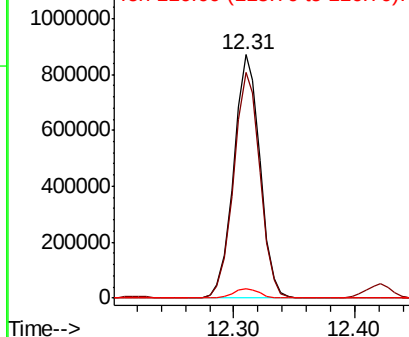
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.2	112.8
116	3.8	3.0	4.6

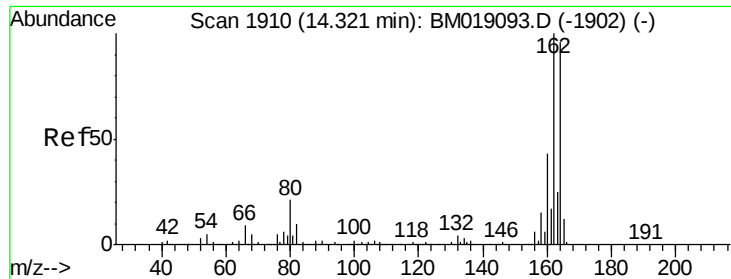
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





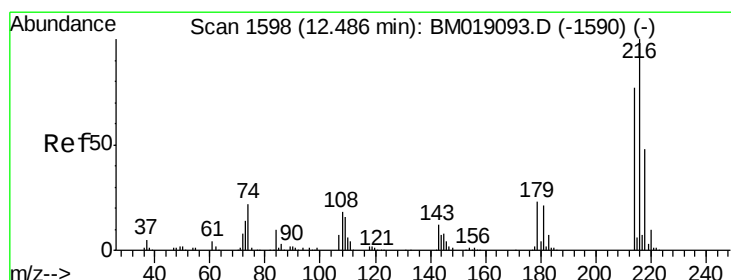
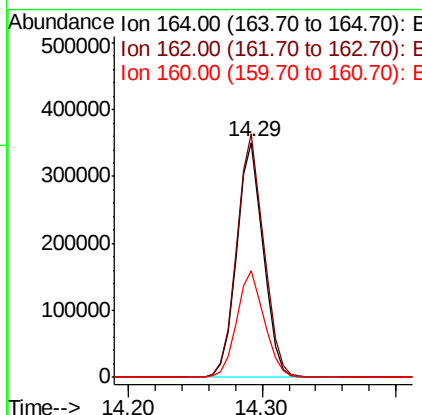
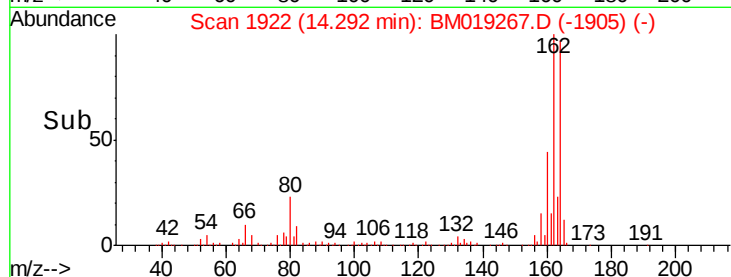
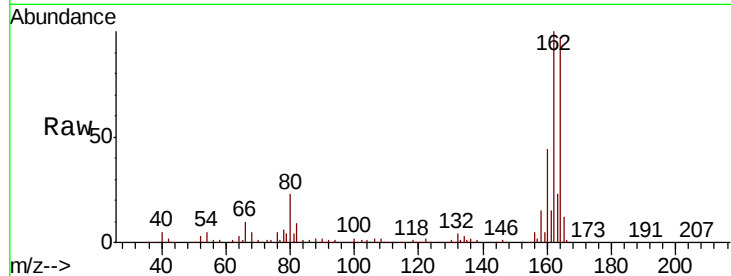
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	84.1	126.1	
160	45.3	36.5	54.7	

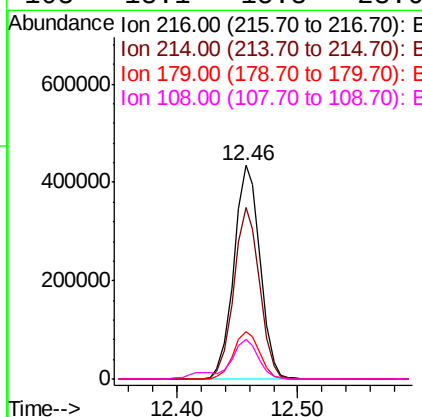
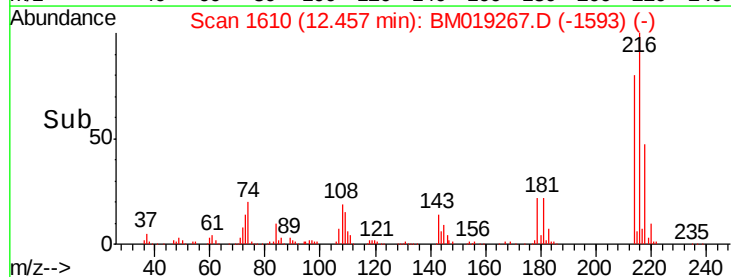
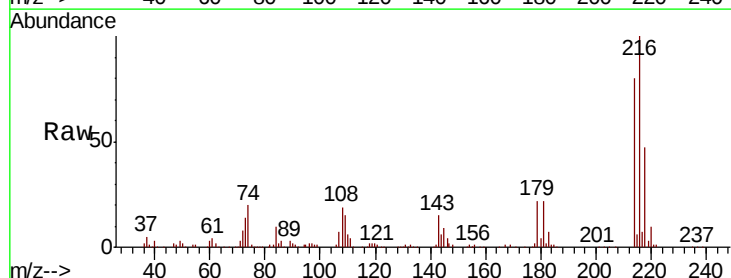
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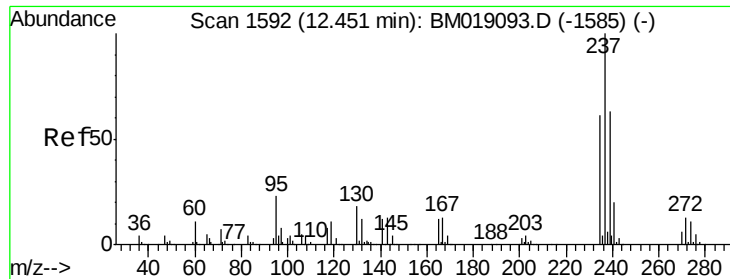
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.945 ng
RT: 12.46 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	62.7	94.1	
179	22.4	18.0	27.0	
108	18.1	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 85.849 ng

RT: 12.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

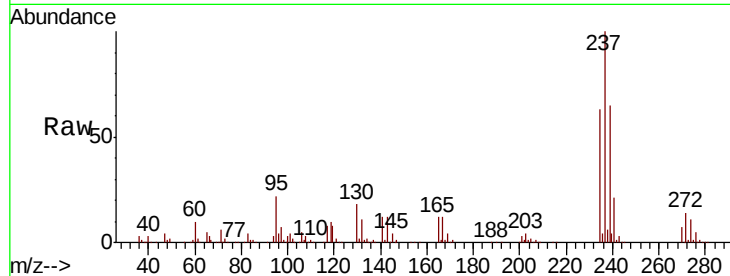
ClientSampleId :

SB-13(13.5-14.5)MSD

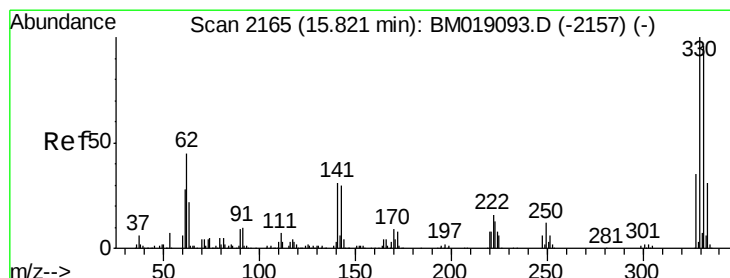
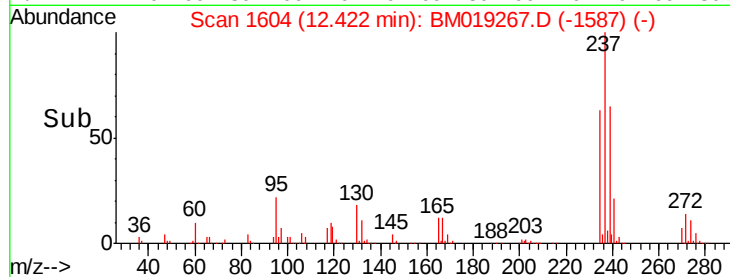
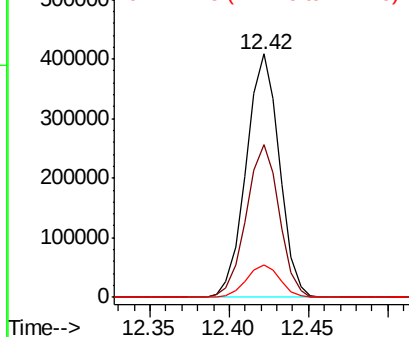
Tot Ion:	237	Resp:	594450
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.8	82.8
272	13.6	0.0	33.3

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: 150.697 ng

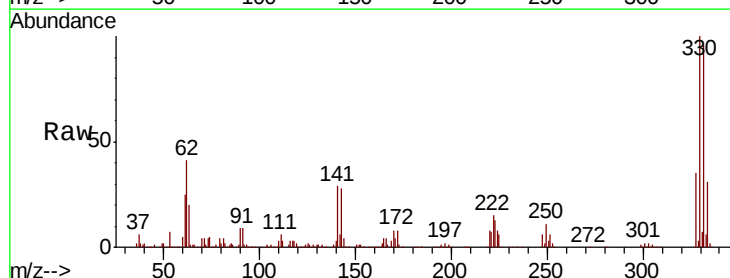
RT: 15.80 min Scan# 2178

Delta R.T. 0.01 min

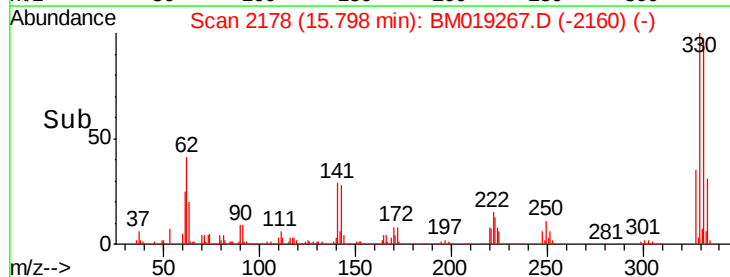
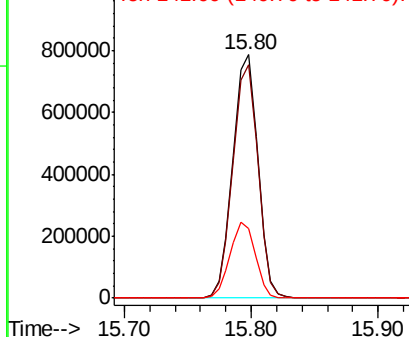
Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion:	330	Resp:	1075251
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.6	116.4
141	31.7	25.7	38.5



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





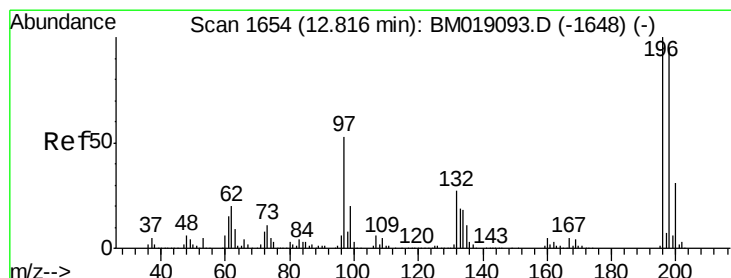
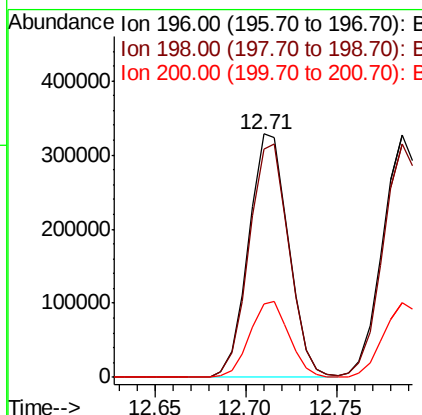
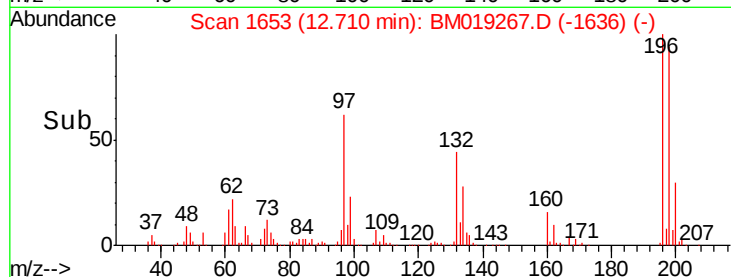
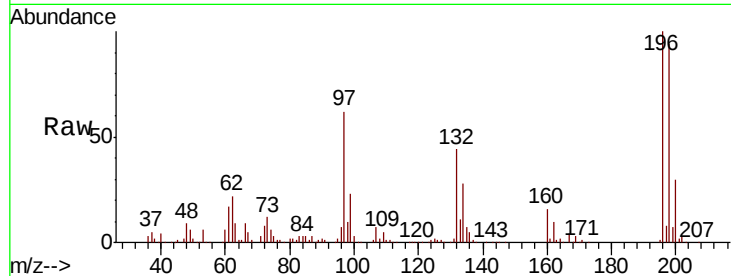
#43
 2,4,6-Trichlorophenol
 Concen: 50.922 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	503055		
198	93.9	76.2	114.2	
200	30.3	23.7	35.5	

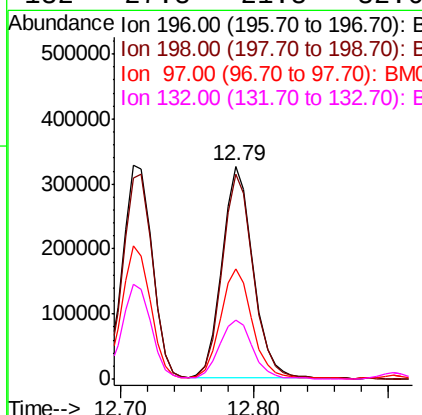
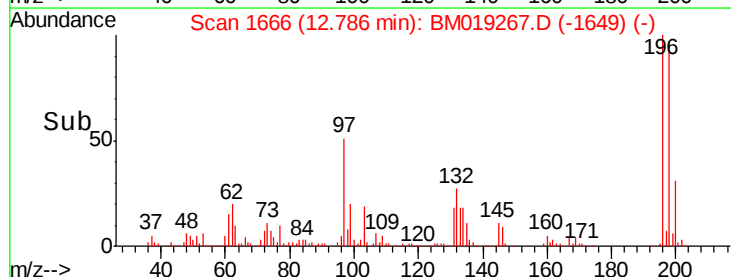
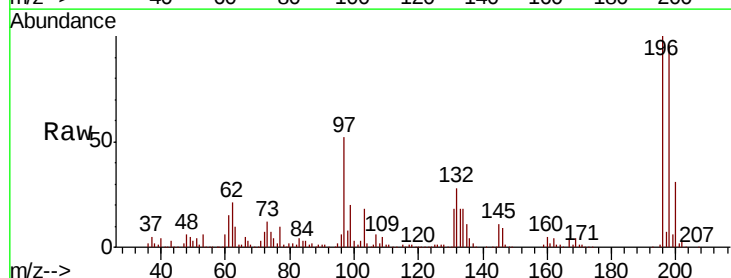
Manual Integrations
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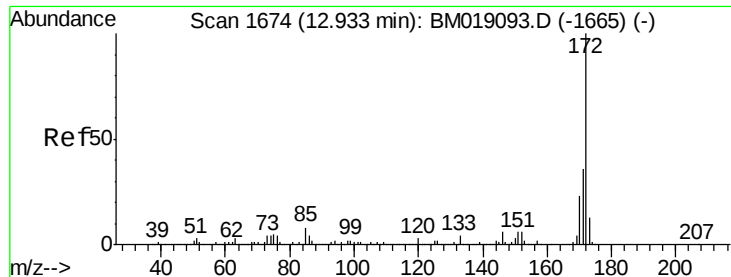
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 50.371 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	532112		
198	96.5	76.3	114.5	
97	52.0	41.5	62.3	
132	27.8	21.8	32.6	





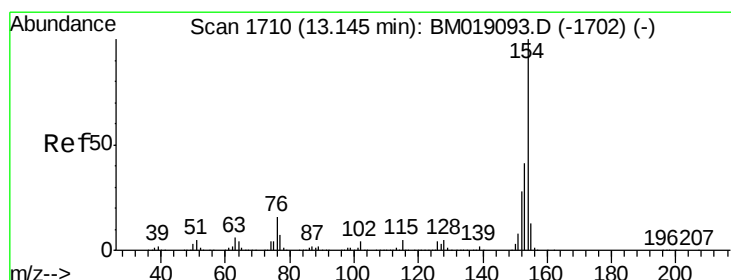
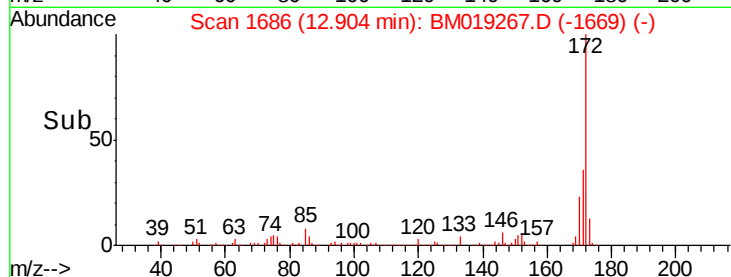
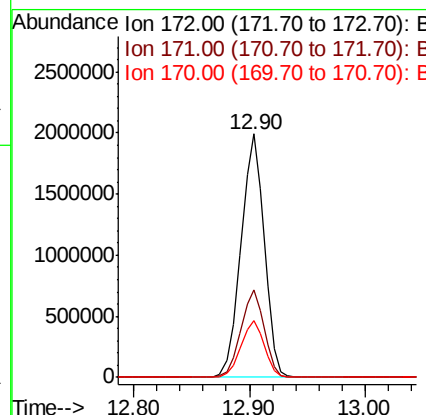
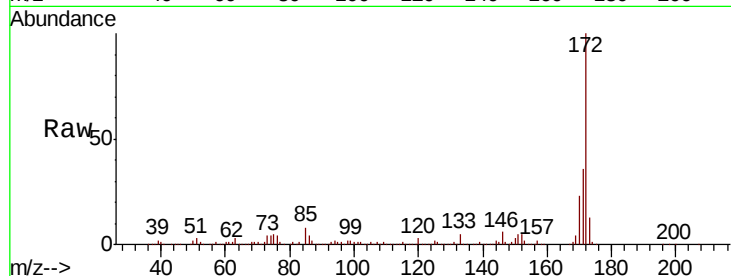
#45
2-Fluorobiphenyl
Concen: 74.533 ng
RT: 12.90 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	23.1	18.9	28.3

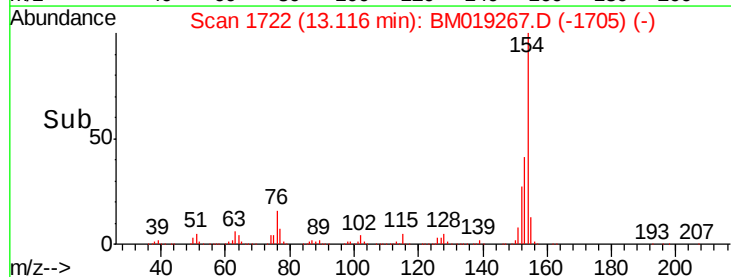
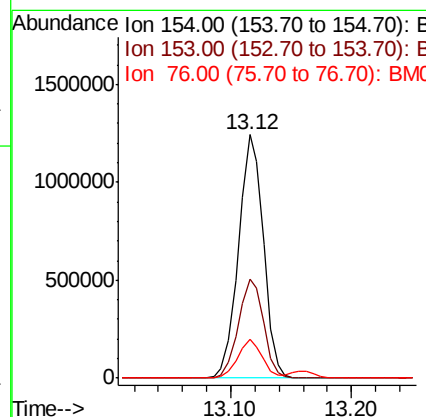
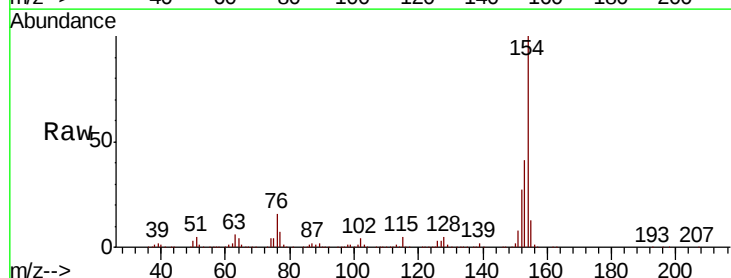
Manual Integrations
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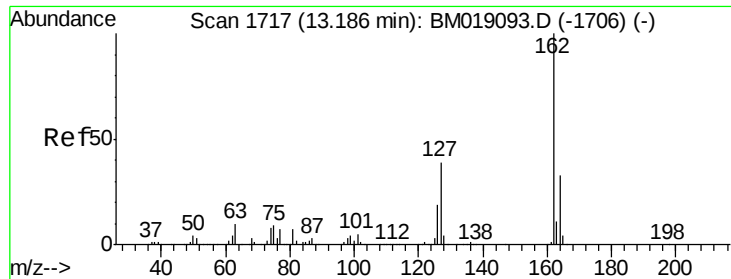
Sohil
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#46
1,1'-Biphenyl
Concen: 42.234 ng
RT: 13.12 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.1	61.1
76	15.8	0.0	35.9





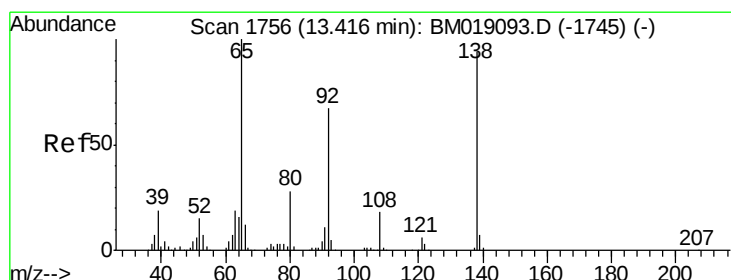
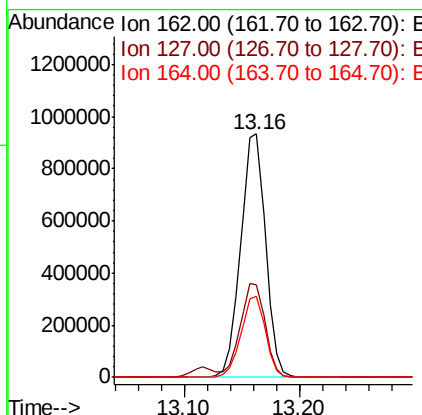
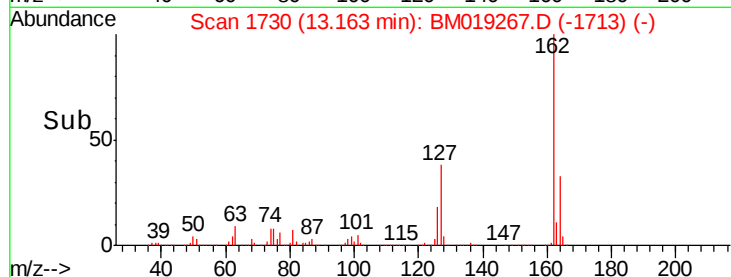
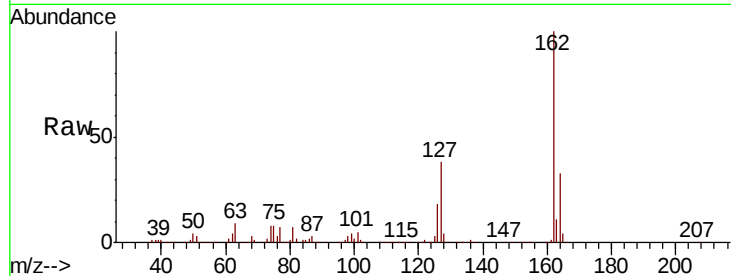
#47
2-Chloronaphthalene
Concen: 44.360 ng
RT: 13.16 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	33.1	26.1	39.1

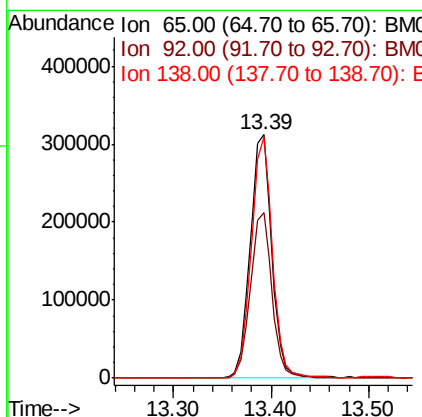
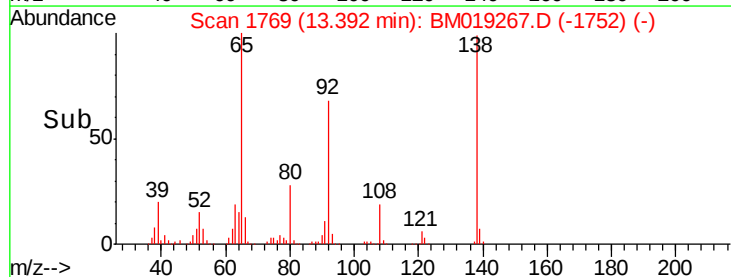
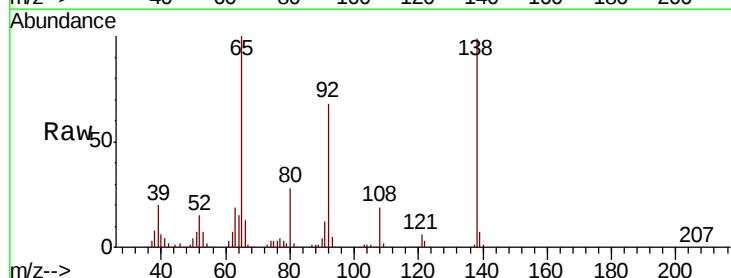
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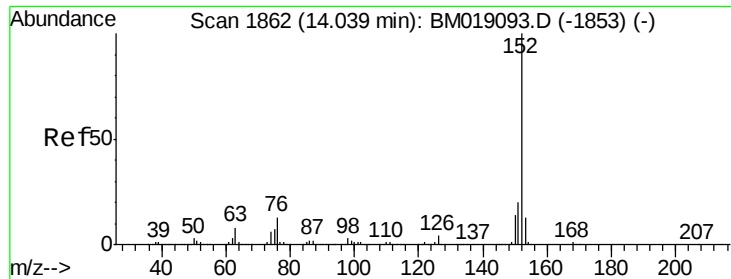
Sohil
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#48
2-Nitroaniline
Concen: 46.137 ng
RT: 13.39 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.0	81.0
138	99.2	78.3	117.5





#49

Acenaphthylene

Concen: 42.737 ng

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:152 Resp: 2276424

Ion Ratio Lower Upper

152 100

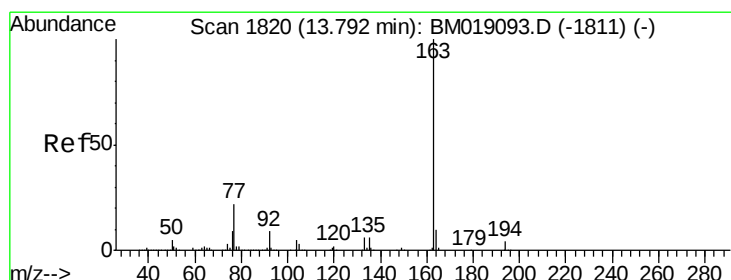
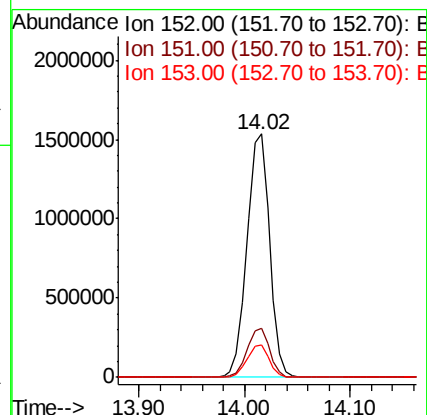
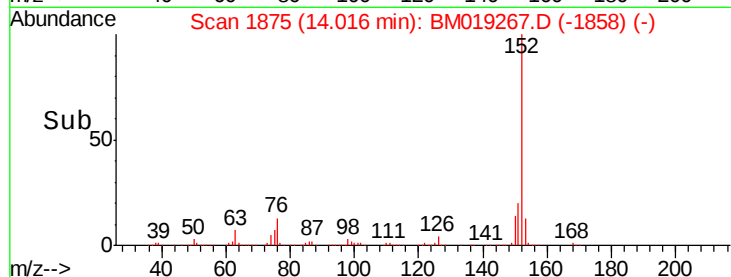
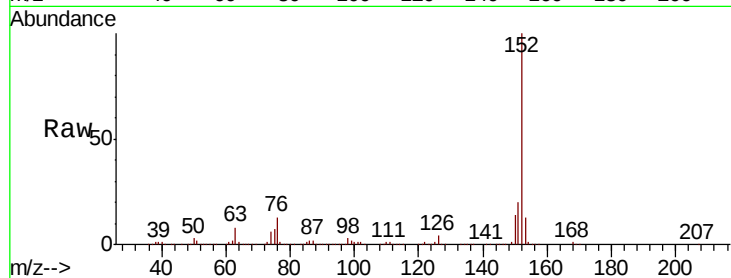
151 20.2 15.9 23.9

153 13.1 10.2 15.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.610 ng

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

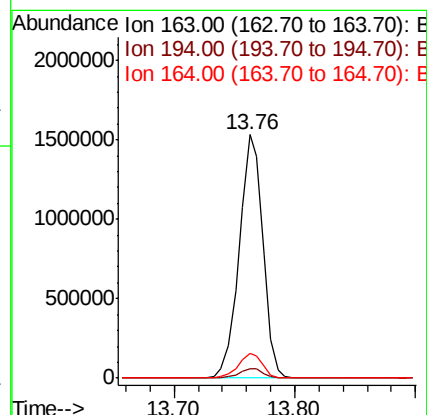
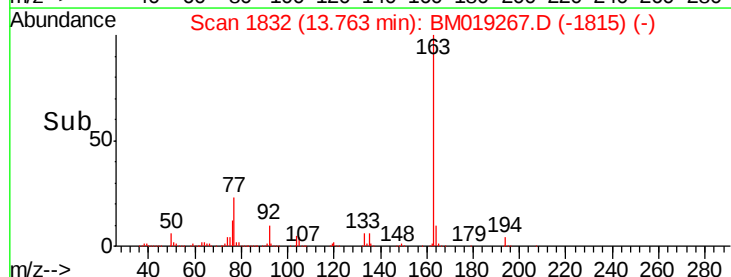
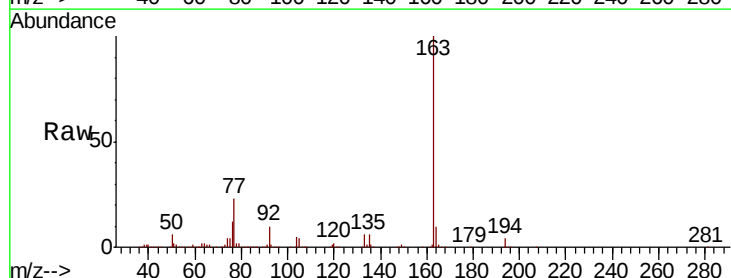
Tgt Ion:163 Resp: 2092241

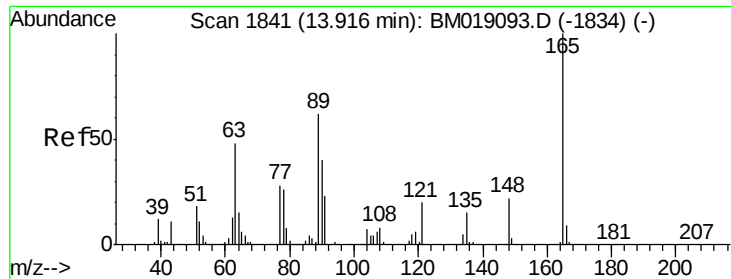
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.2 8.2 12.2





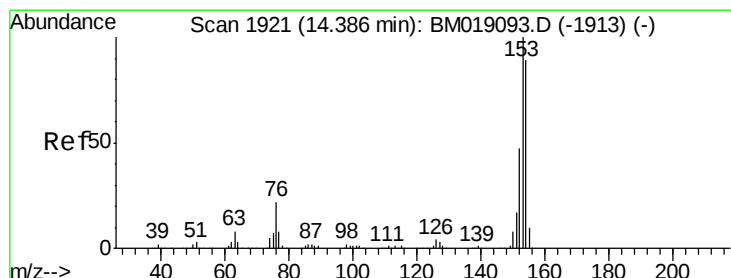
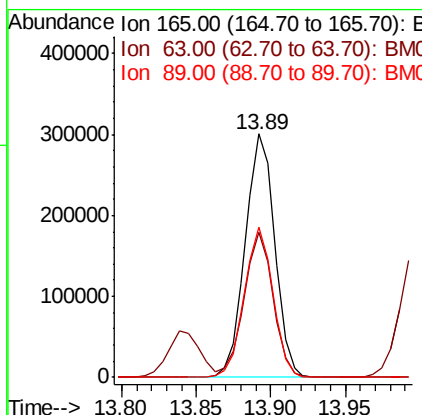
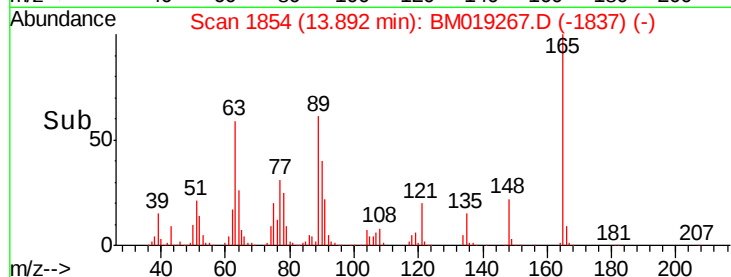
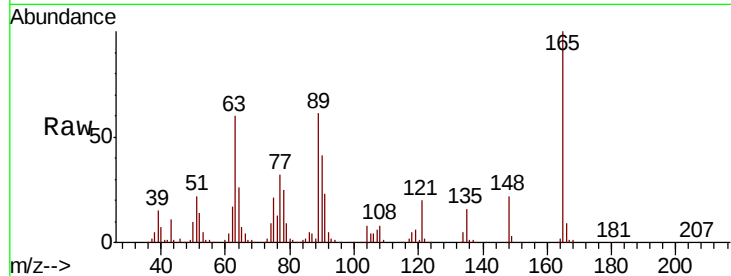
#51
2,6-Dinitrotoluene
Concen: 45.825 ng
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	409523		
63	59.7	46.7	70.1	
89	61.5	47.7	71.5	

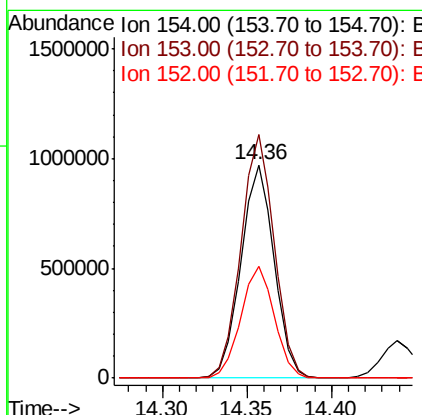
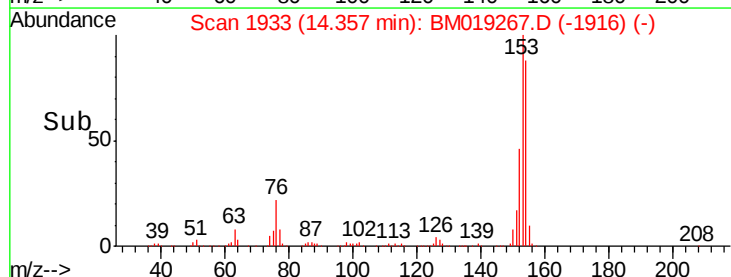
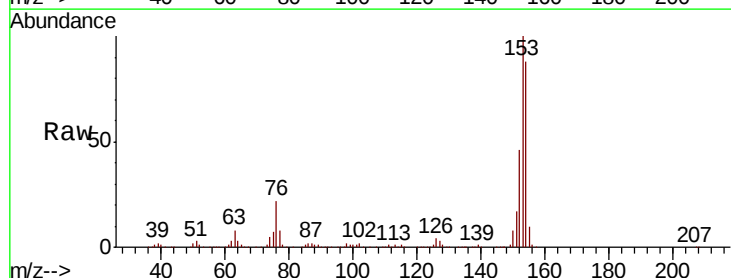
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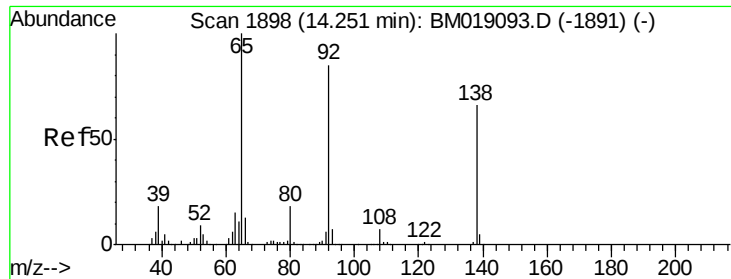
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#52
Acenaphthene
Concen: 43.499 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1331378		
153	114.2	91.0	136.4	
152	52.3	42.1	63.1	





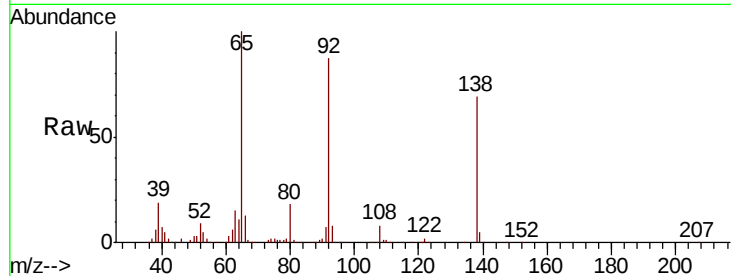
#53
3-Nitroaniline
Concen: 28.428 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.8	13.2
92	126.3	100.2	150.2

Manual Integrations
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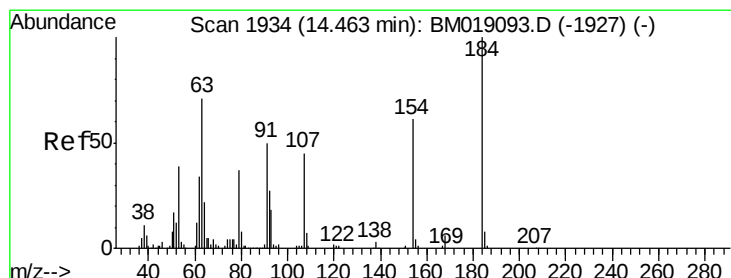
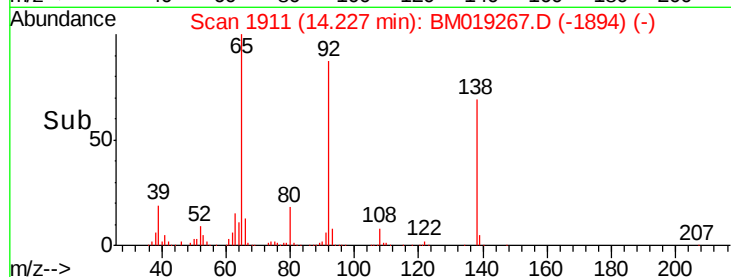
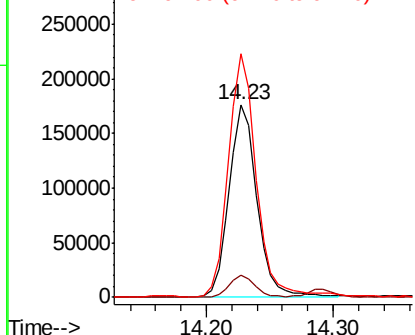


Abundance

Ion 138.00 (137.70 to 138.70): E

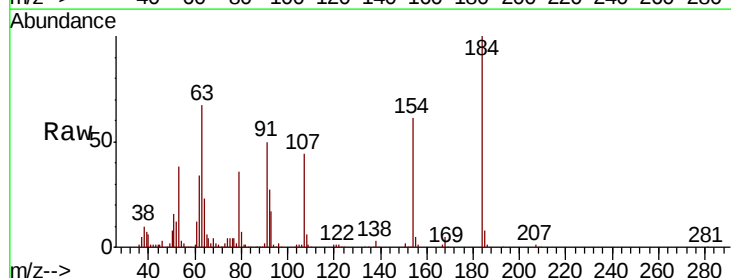
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 78.080 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.3	55.7	83.5
154	61.1	48.6	73.0

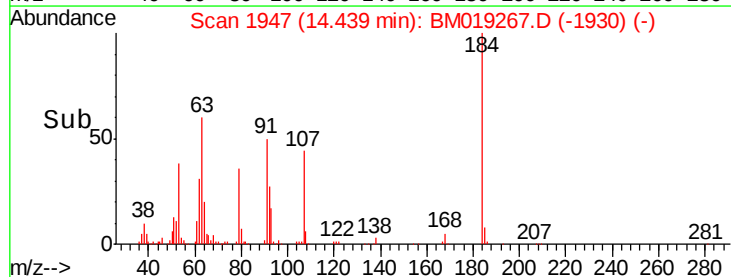
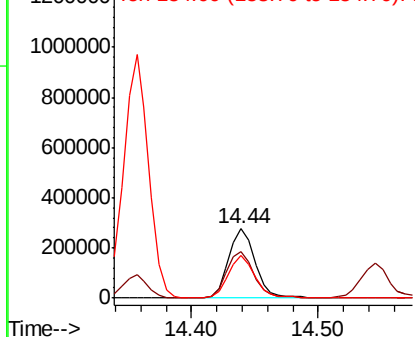


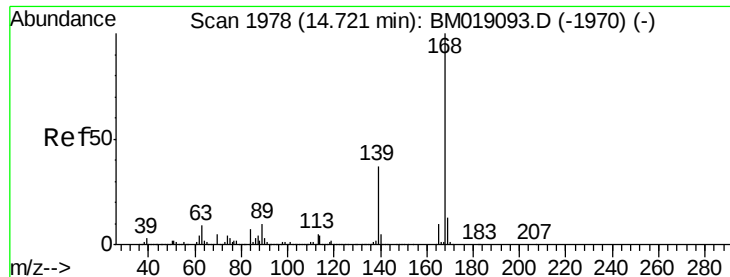
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





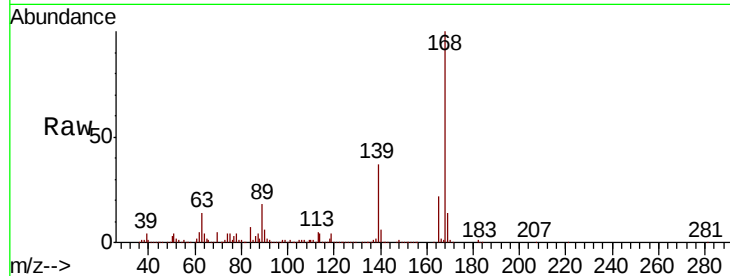
#55
Dibenzofuran
Concen: 43.322 ng
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.8	44.6
169	13.5	10.8	16.2

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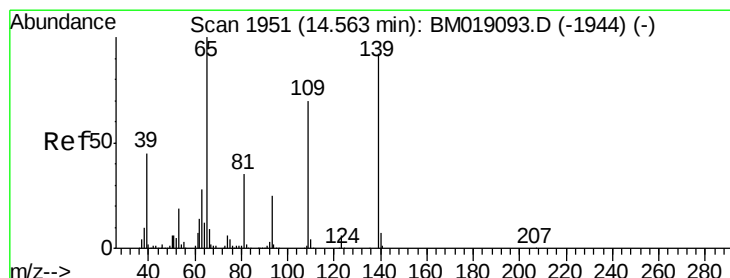
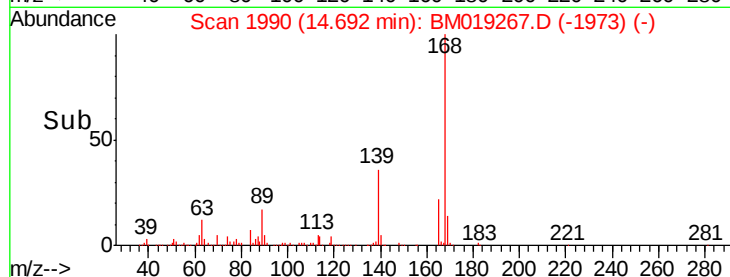
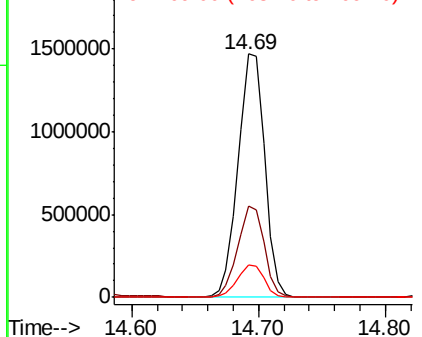


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 90.384 ng
RT: 14.54 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

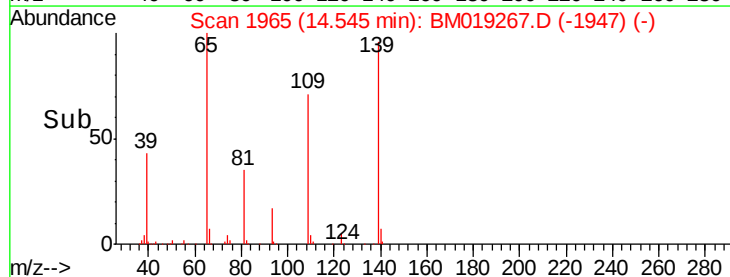
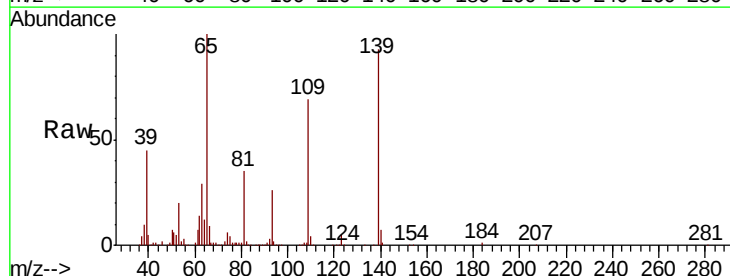
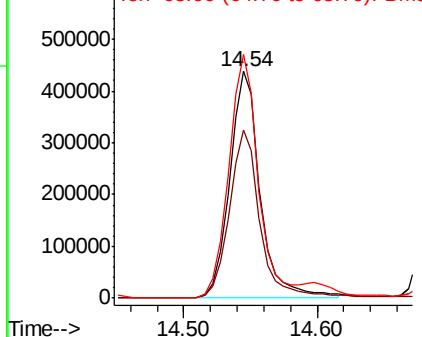
Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.2	55.0	95.0
65	107.3	87.8	127.8

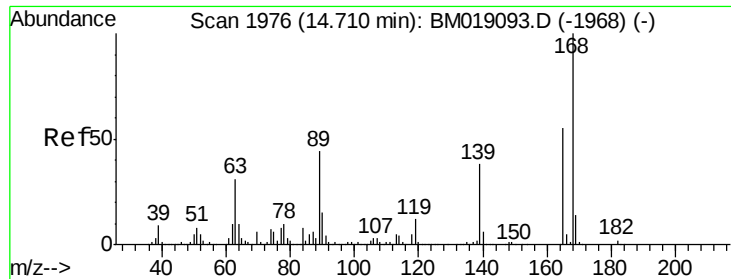
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





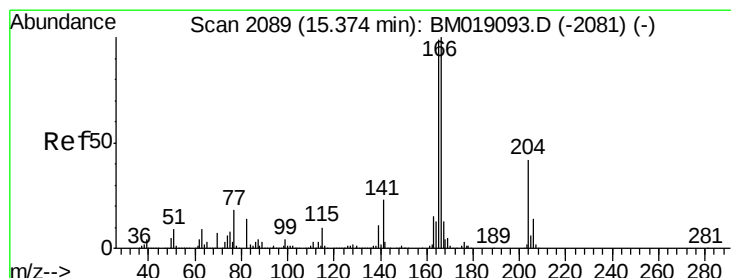
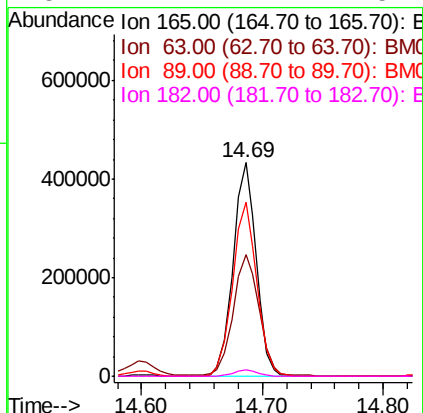
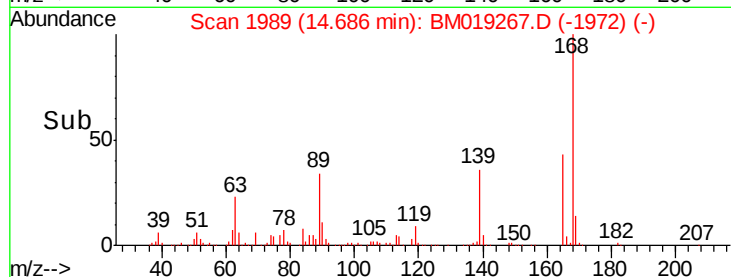
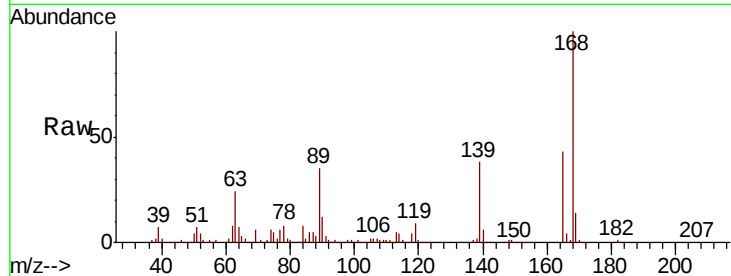
#57
2,4-Dinitrotoluene
Concen: 44.699 ng
RT: 14.69 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	579854		
63	57.2	47.2	70.8	
89	81.3	65.5	98.3	
182	2.7	2.2	3.4	

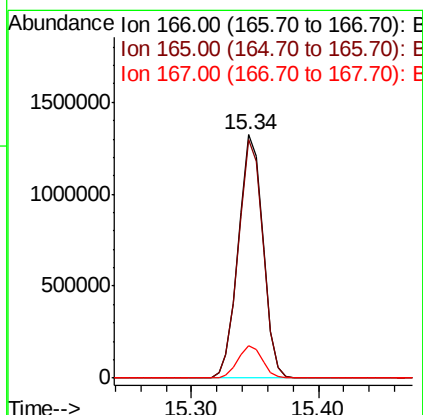
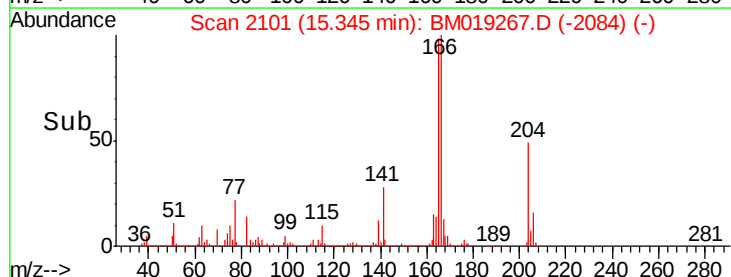
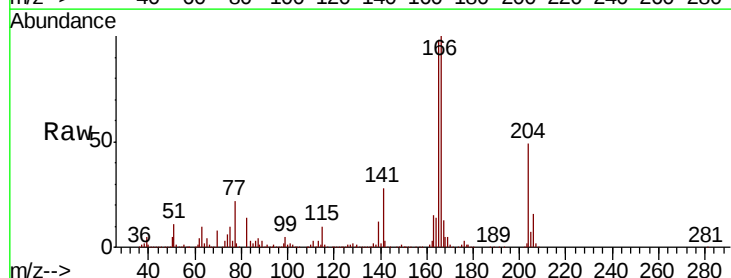
Manual Integrations
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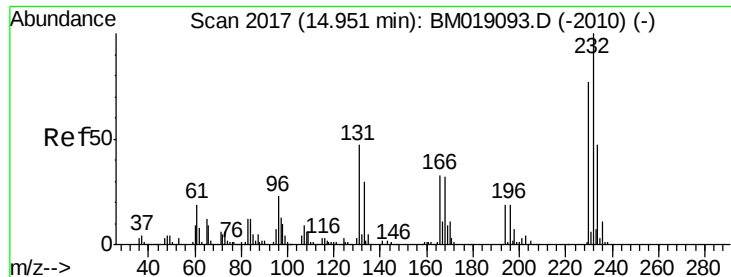
Sohil
3/22/2019 6:04:49 PM



#58
Fluorene
Concen: 43.573 ng
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1772797		
165	98.2	78.6	118.0	
167	13.5	10.7	16.1	





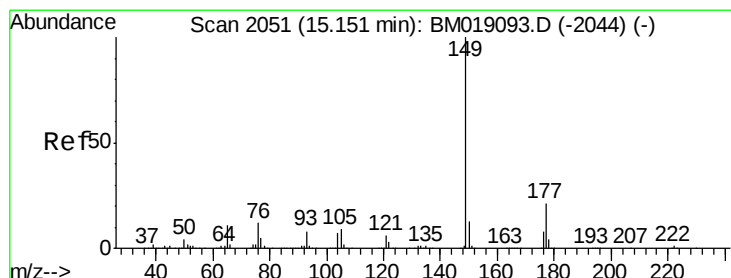
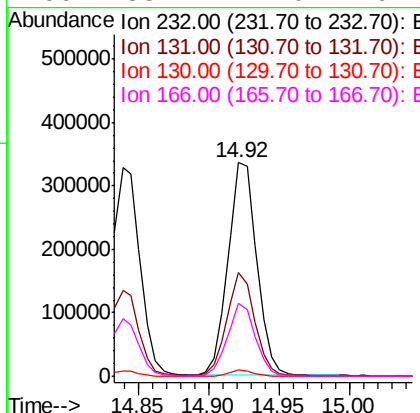
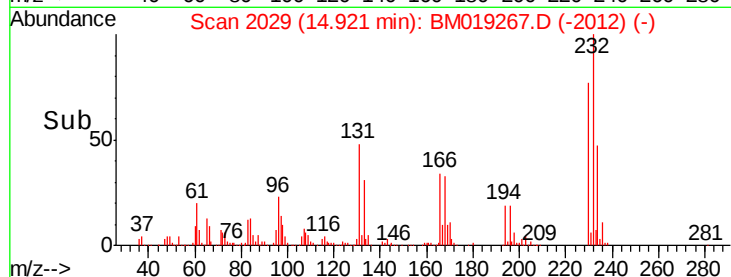
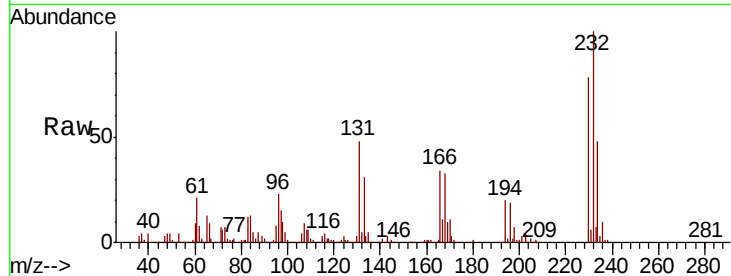
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.790 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampled :
 SB-13(13.5-14.5)MSD

Tot Ion:	232	Resp:	479825
Ion Ratio	Lower	Upper	
232	100		
131	46.9	37.2	55.8
130	2.6	2.0	3.0
166	33.1	27.0	40.4

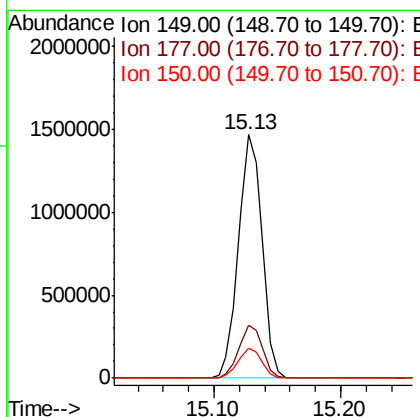
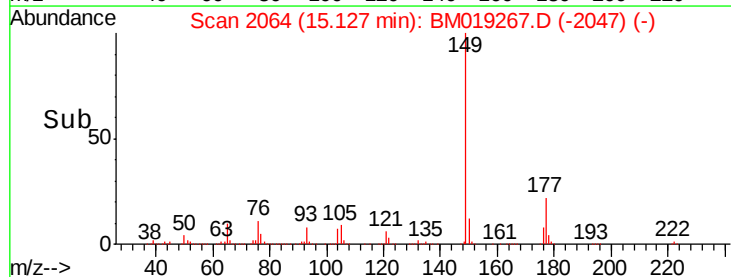
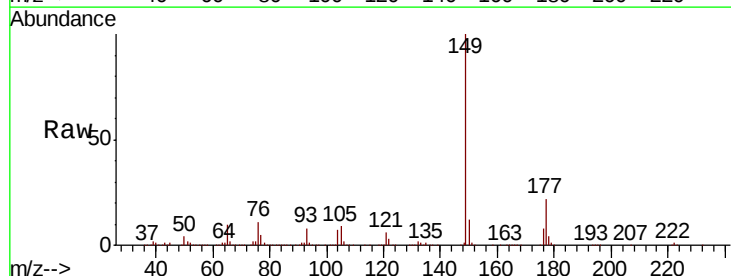
Manual Integrations
 APPROVED

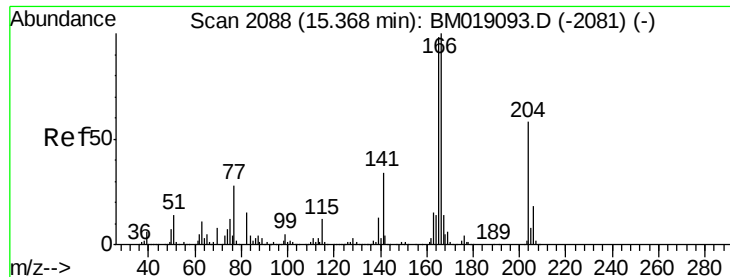
Sohil
 3/22/2019 6:04:49 PM



#60
 Diethylphthalate
 Concen: 44.775 ng
 RT: 15.13 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion:	149	Resp:	1874699
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.4	26.0
150	12.4	10.1	15.1





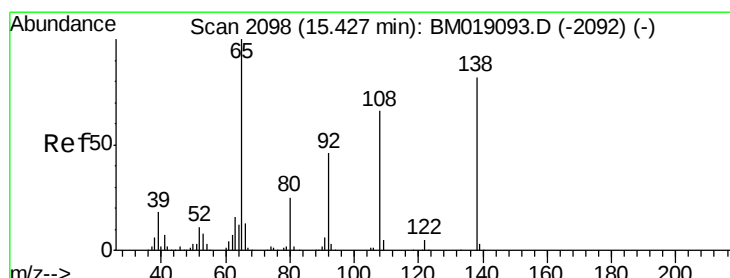
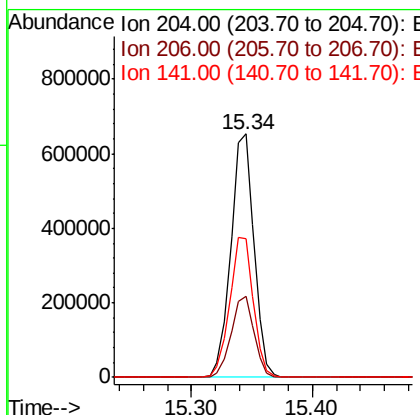
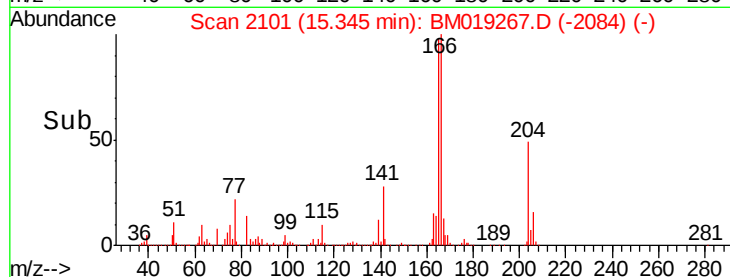
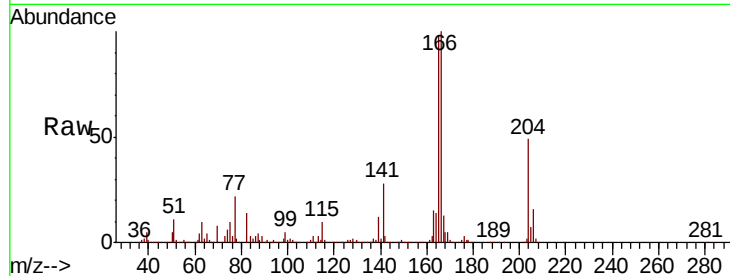
#61
4-Chlorophenyl-phenylether
Concen: 44.131 ng
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	56.8	45.8	68.8

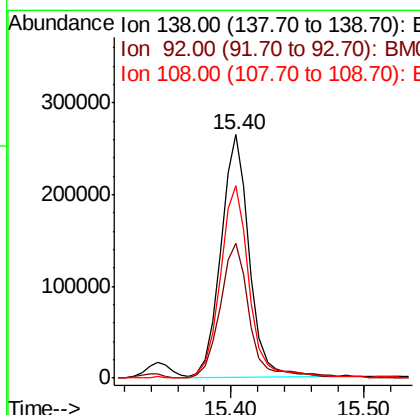
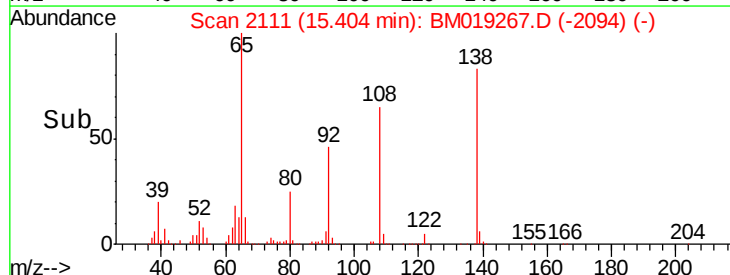
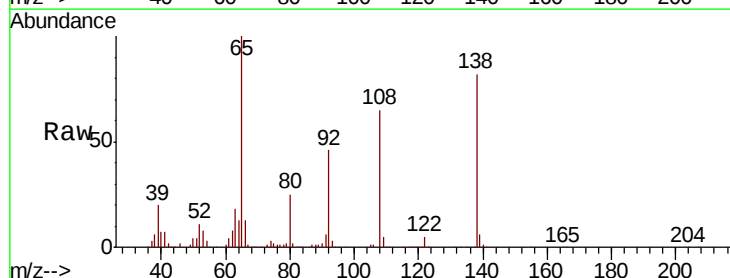
Manual Integrations
APPROVED

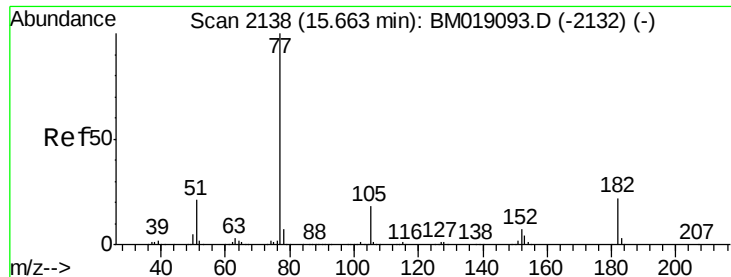
Sohil
3/22/2019 6:04:49 PM



#62
4-Nitroaniline
Concen: 41.442 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	34.8	74.8
108	79.1	58.9	98.9





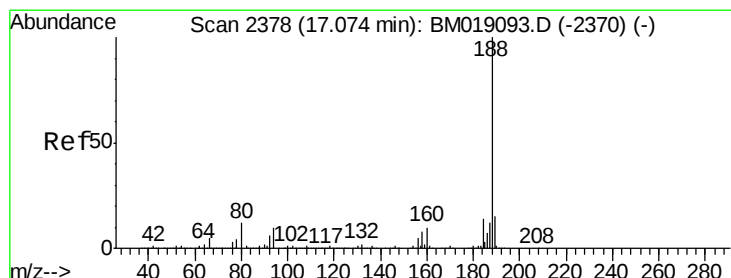
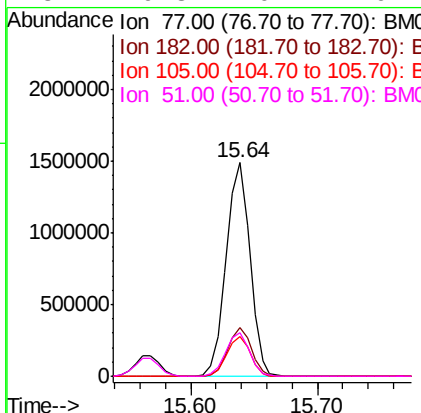
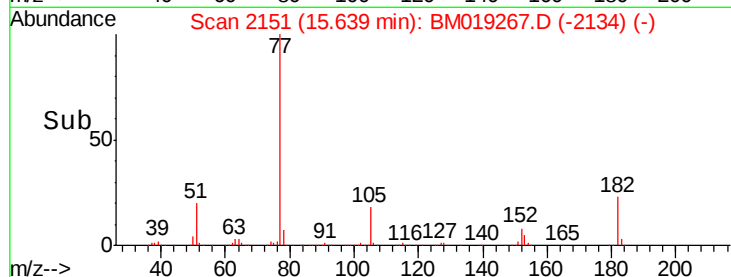
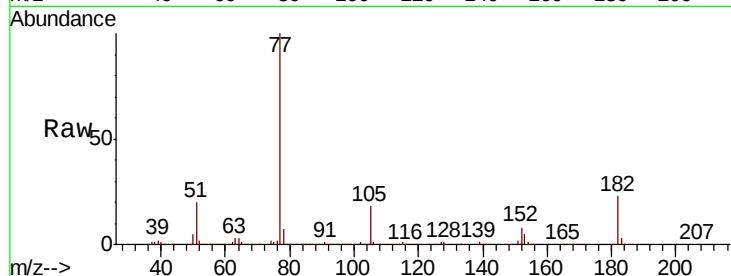
#63
Azobenzene
Concen: 43.798 ng
RT: 15.64 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.6	2.7	42.7	
105	18.3	0.0	38.1	
51	20.3	0.7	40.7	

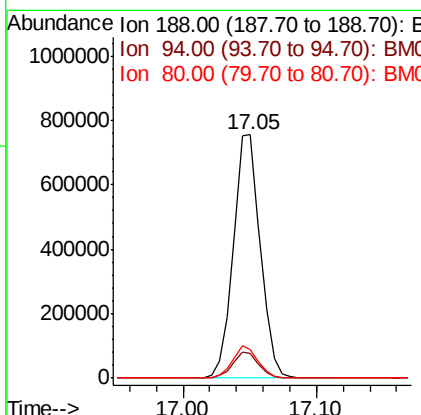
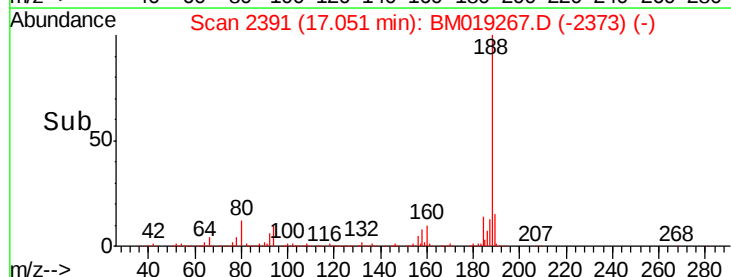
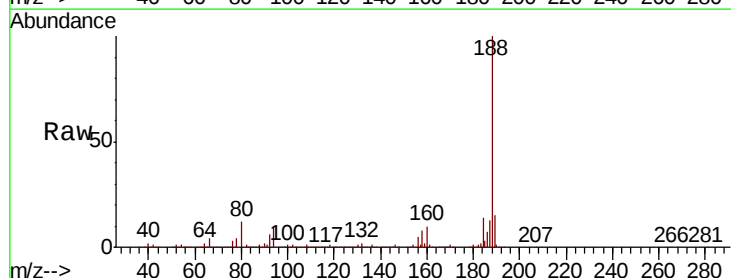
Manual Integrations
APPROVED

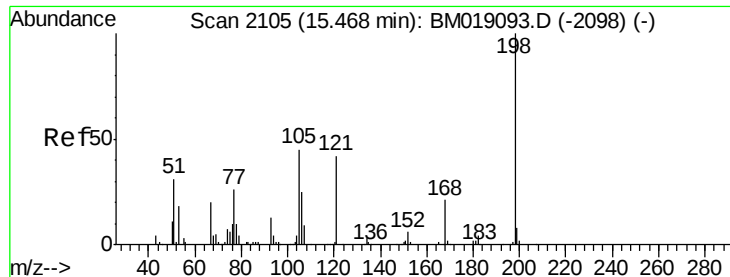
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	8.7	13.1	
80	11.8	9.8	14.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.412 ng

RT: 15.44 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

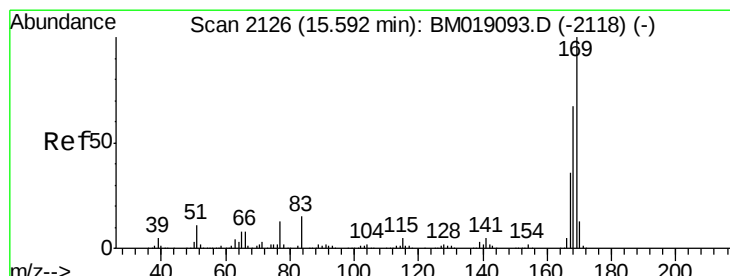
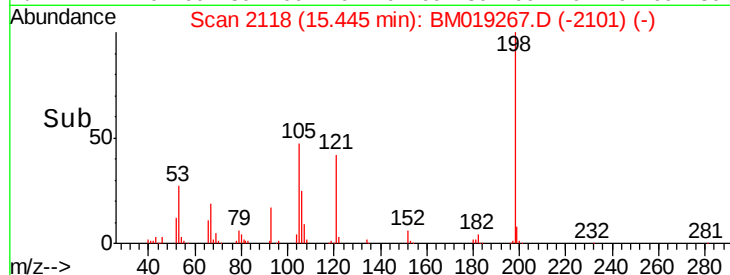
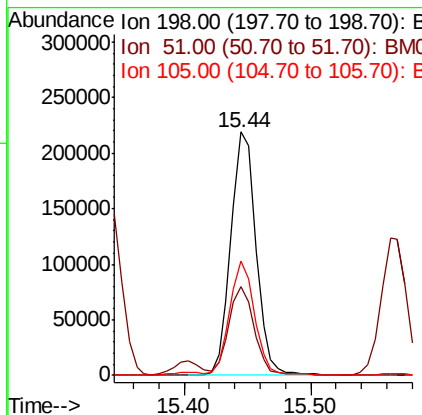
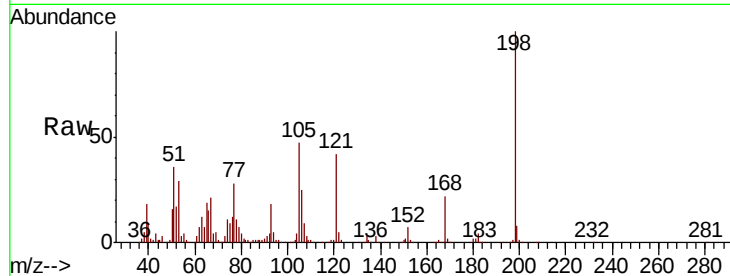
ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:	198	Resp:	301913
Ion Ratio	Lower	Upper	
198	100		
51	36.5	16.1	56.1
105	46.9	25.1	65.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.191 ng

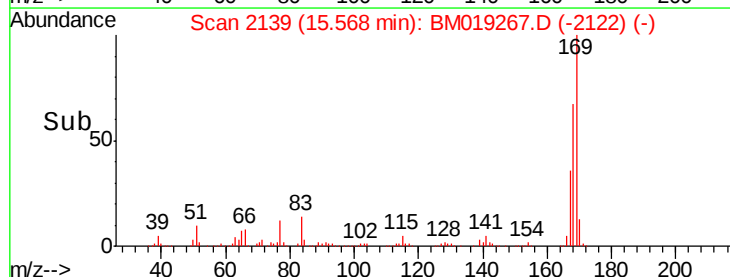
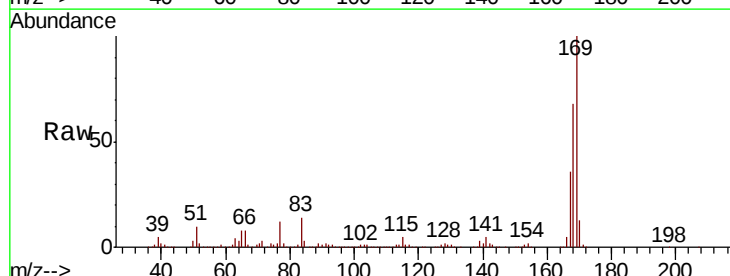
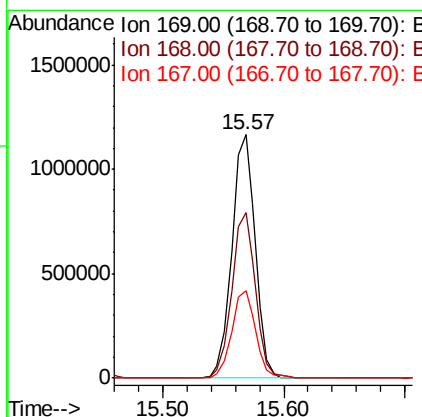
RT: 15.57 min Scan# 2139

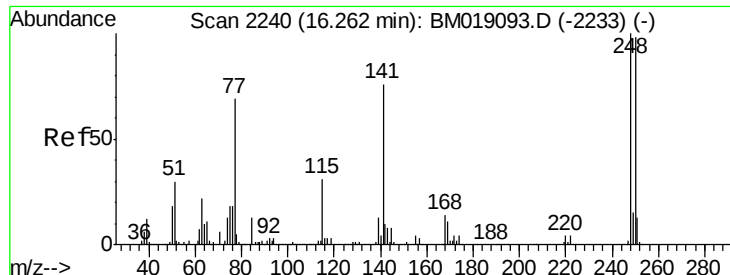
Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion:	169	Resp:	1560694
Ion Ratio	Lower	Upper	
169	100		
168	67.8	55.0	82.4
167	36.1	29.1	43.7





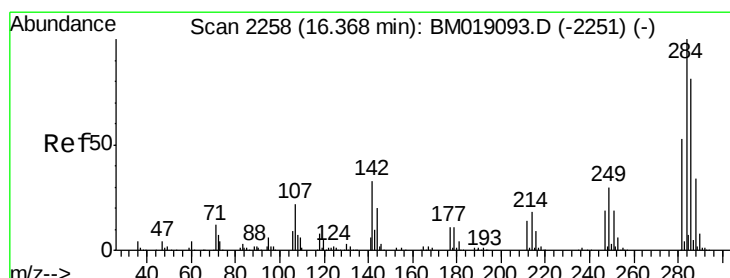
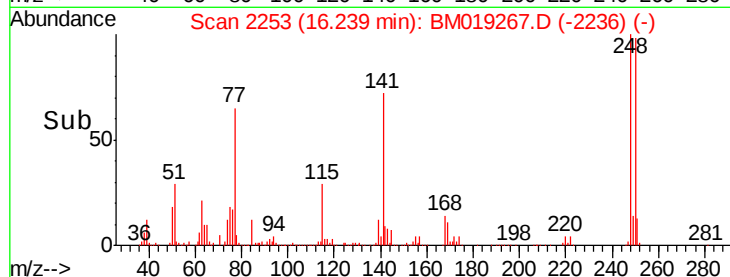
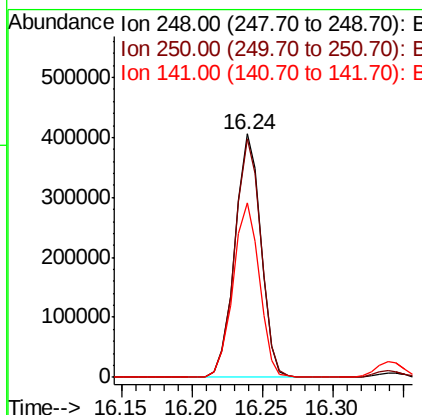
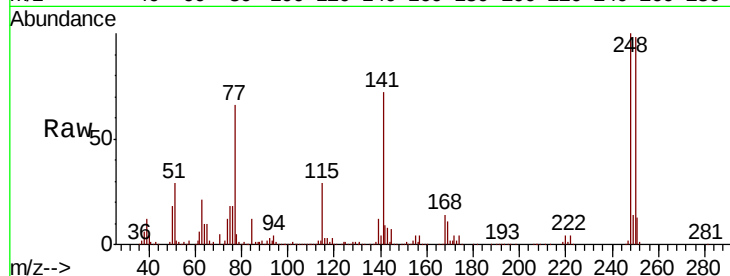
#67
4-Bromophenyl-phenylether
Concen: 44.486 ng
RT: 16.24 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.2	117.2
141	71.9	57.2	85.8

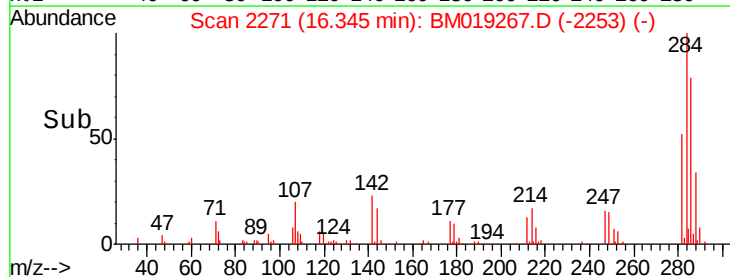
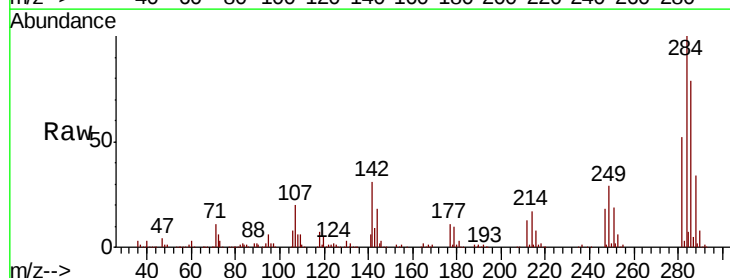
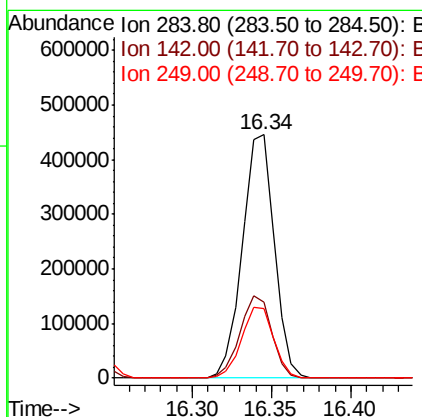
Manual Integrations
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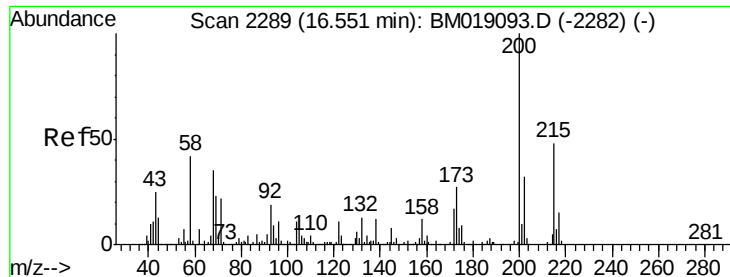
Sohil
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#68
Hexachlorobenzene
Concen: 44.809 ng
RT: 16.34 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	27.9	41.9
249	28.6	23.5	35.3





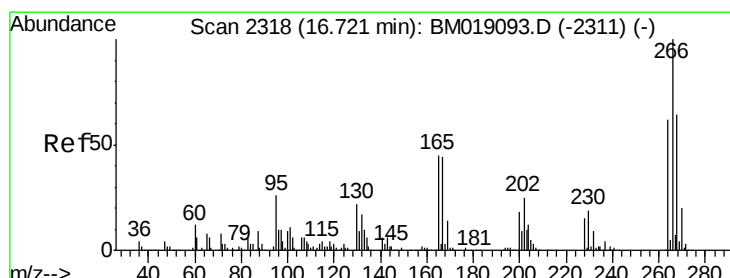
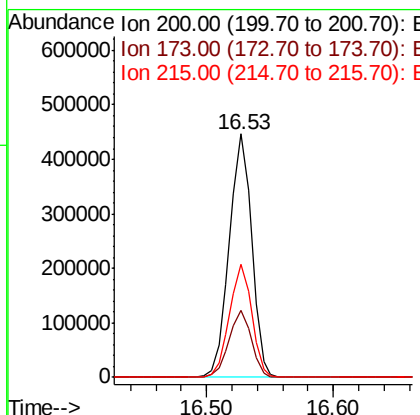
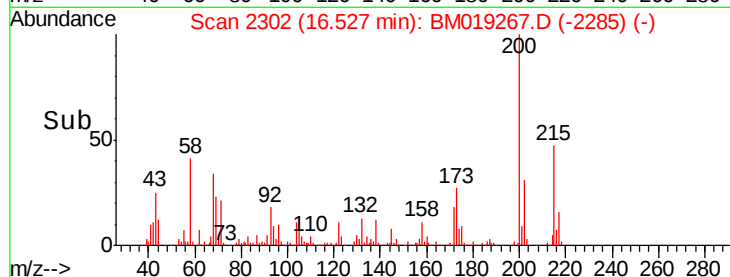
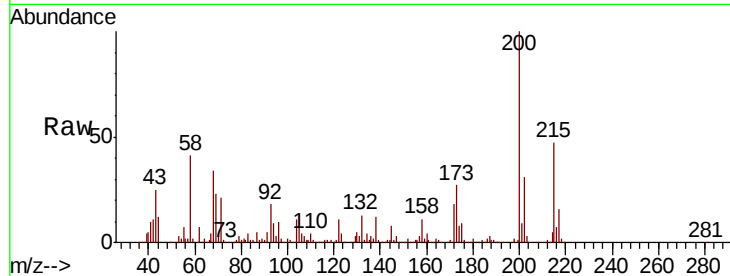
#69
 Atrazine
 Concen: 48.049 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	6.8	46.8
215	46.6	26.4	66.4

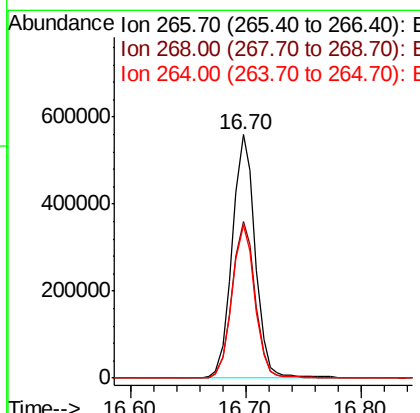
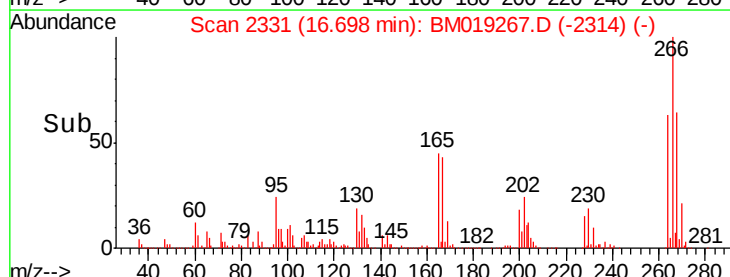
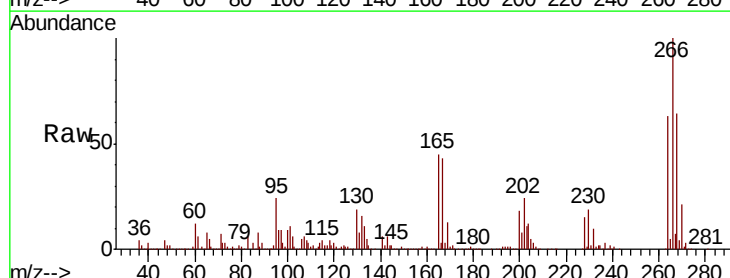
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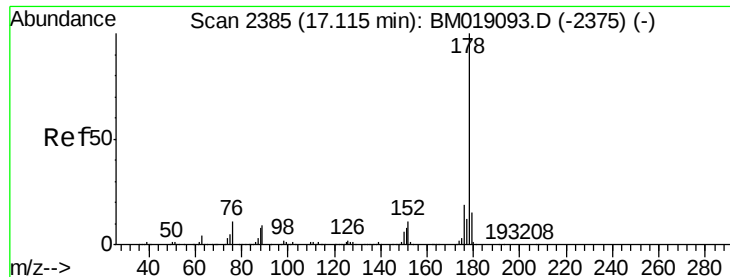
Sohil
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#70
 Pentachlorophenol
 Concen: 92.421 ng
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.2	52.0	78.0
264	62.5	50.6	76.0





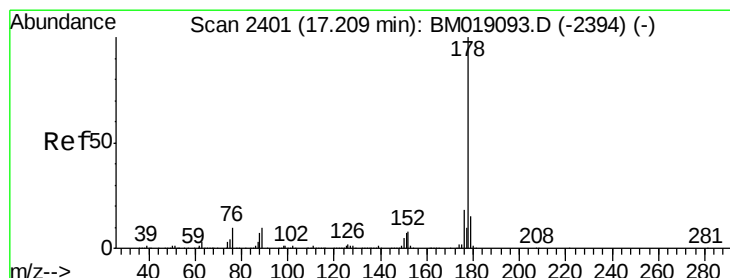
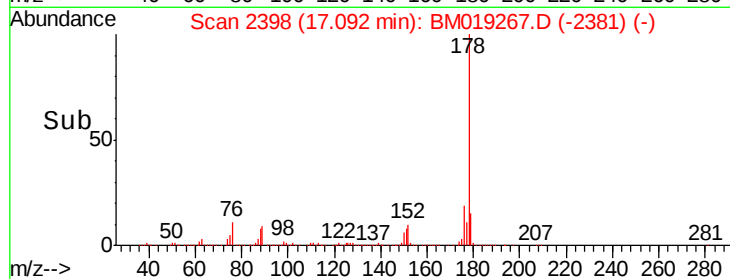
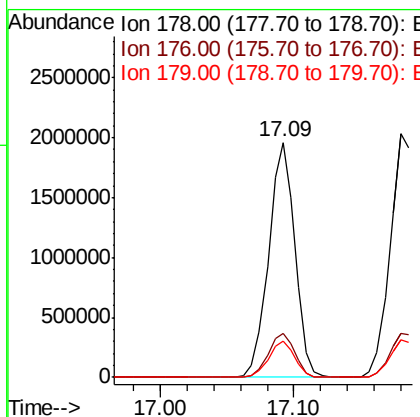
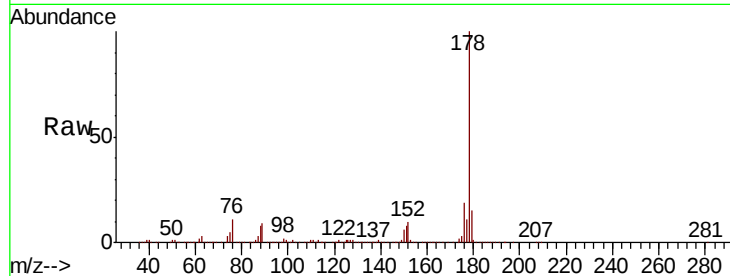
#71
Phenanthrene
Concen: 42.955 ng
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion:178 Resp: 2672043
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.3 12.2 18.4

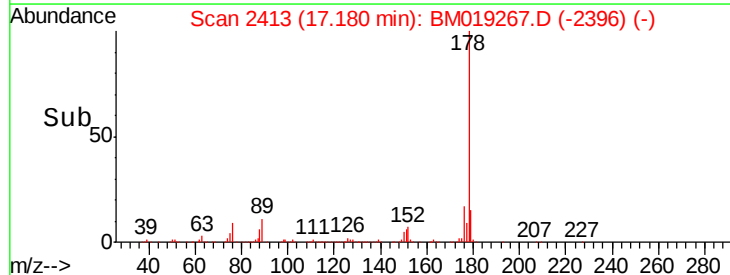
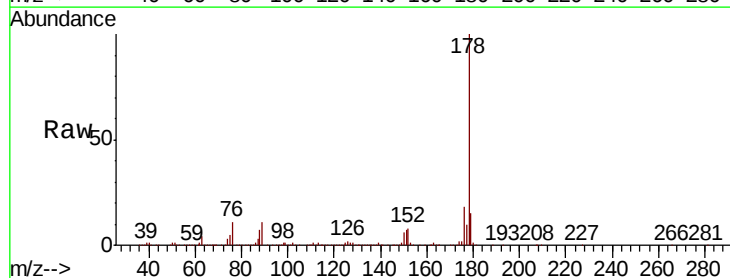
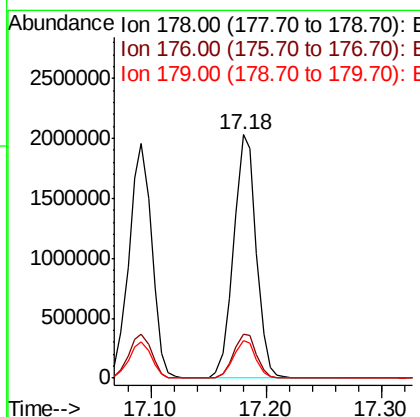
Manual Integrations
APPROVED

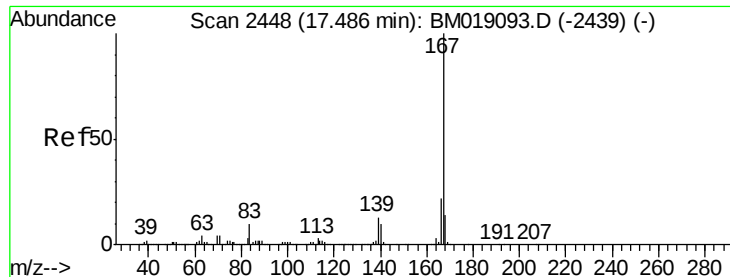
Sohil
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#72
Anthracene
Concen: 45.051 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:178 Resp: 2743508
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.3 12.2 18.2





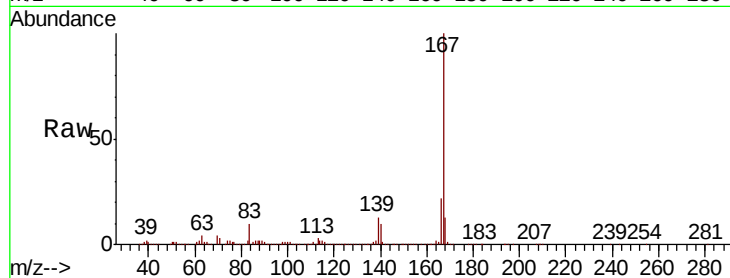
#73
 Carbazole
 Concen: 43.945 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.9	10.3	15.5

Manual Integrations
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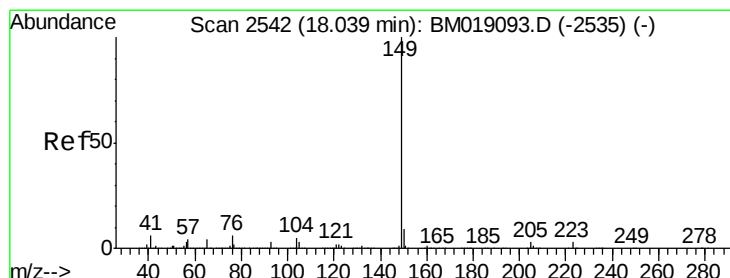
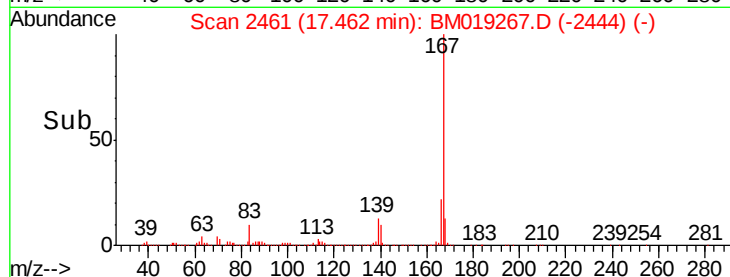
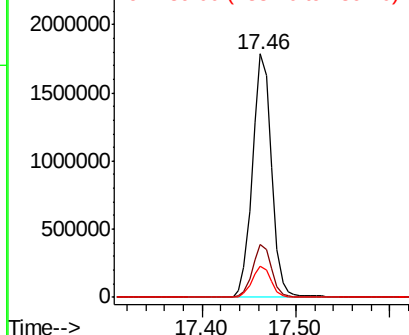


Abundance

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: 47.000 ng
 RT: 18.02 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

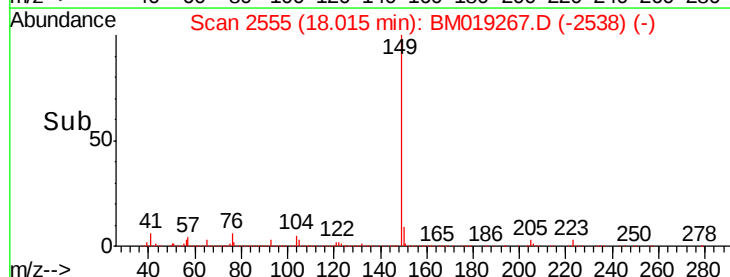
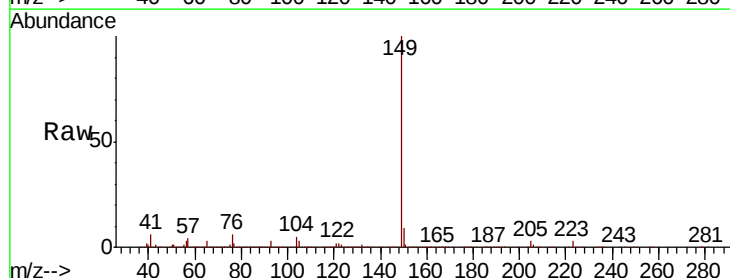
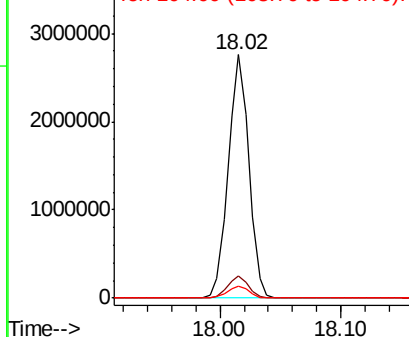
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.1	4.1	6.1

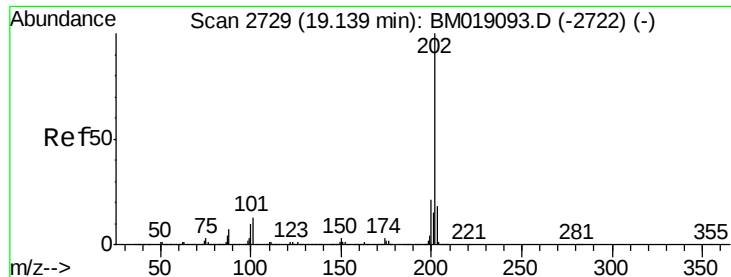
Abundance

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: 40.805 ng

RT: 19.12 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

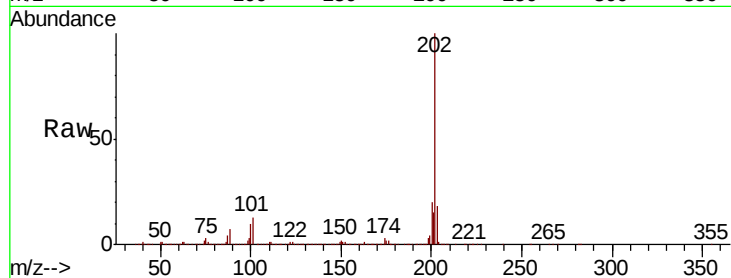
ClientSampleId :

SB-13(13.5-14.5)MSD

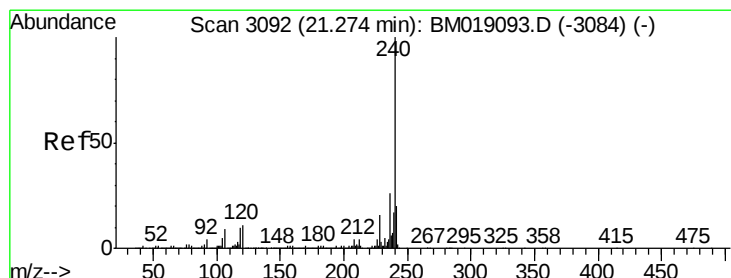
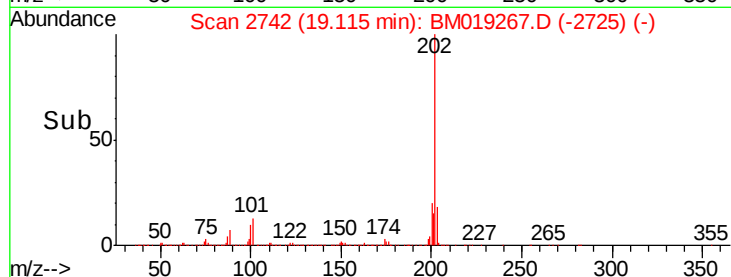
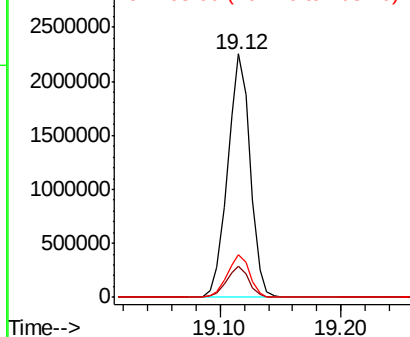
Tot Ion:	202	Resp:	2912623
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.8
203	17.6	0.0	37.3

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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

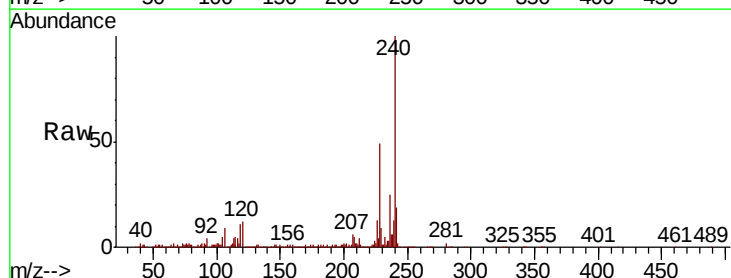
RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

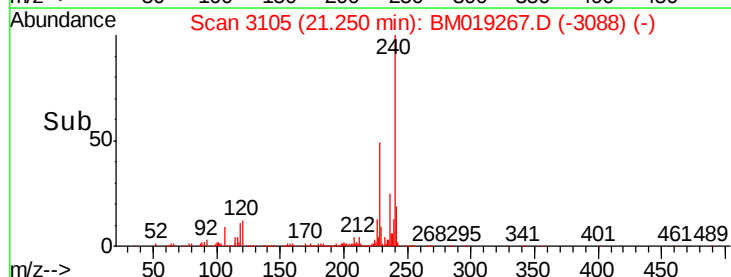
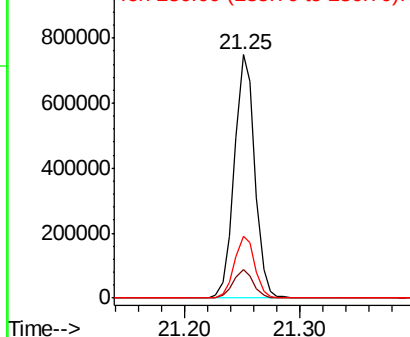
Lab File: BM019267.D

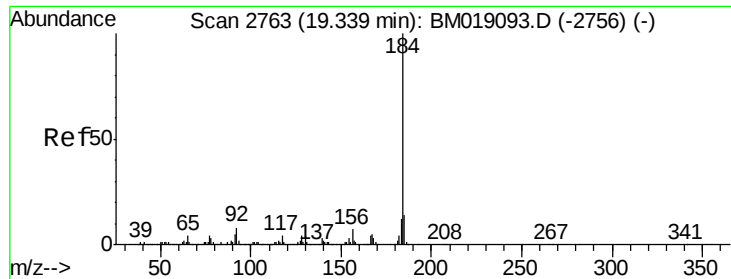
Acq: 20 Mar 2019 18:20

Tgt Ion:	240	Resp:	918209
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.2	13.8
236	25.5	20.3	30.5



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





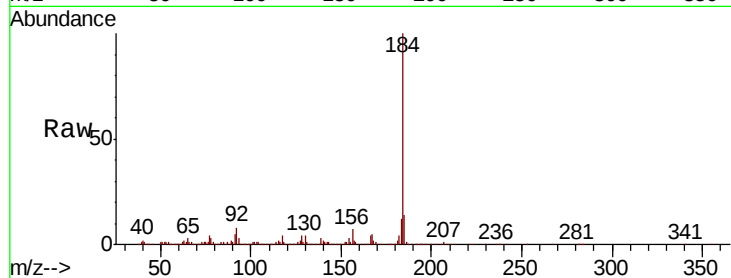
#77
Benzidine
Concen: 54.516 ng
RT: 19.32 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.2	16.8
183	12.2	9.7	14.5

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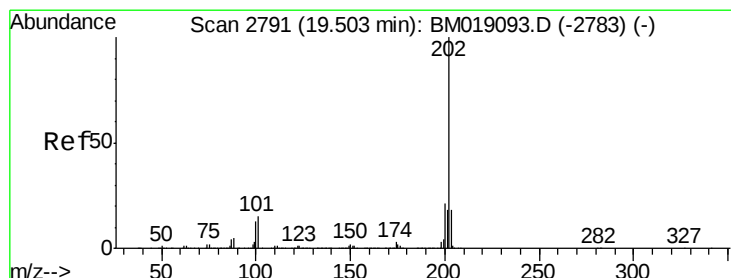
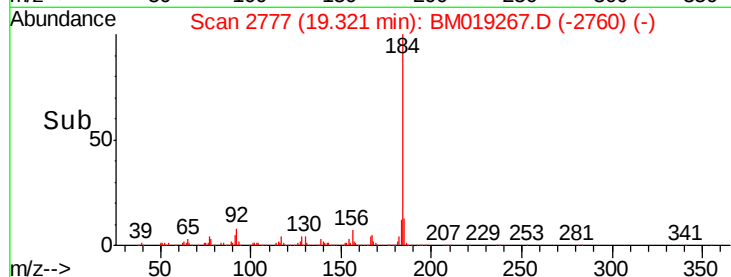
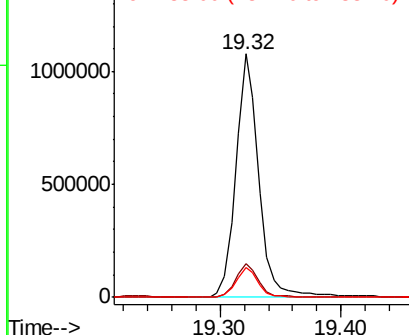


Abundance

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: 50.548 ng
RT: 19.48 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

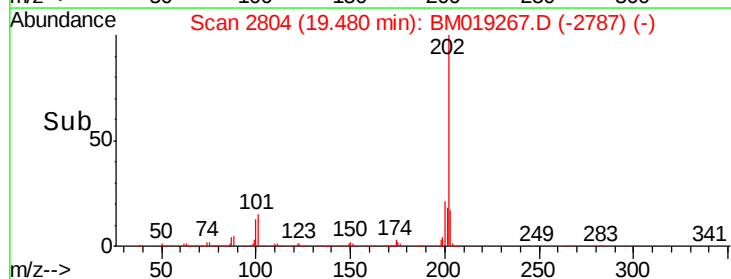
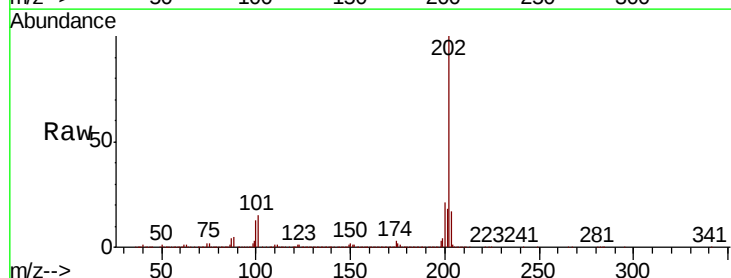
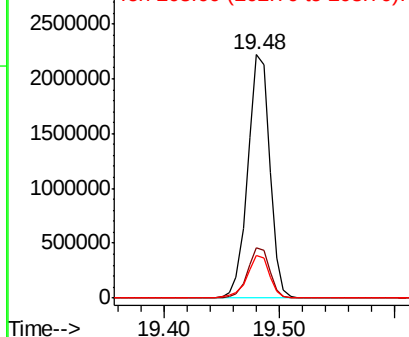
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.4	13.9	20.9

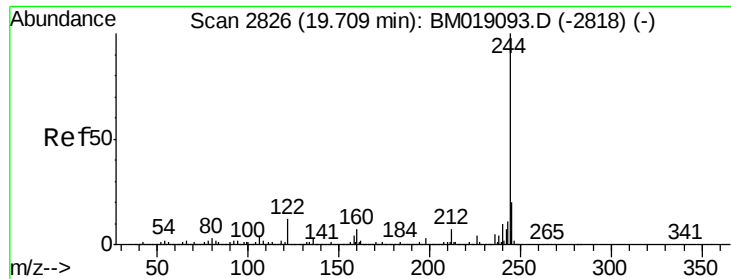
Abundance

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





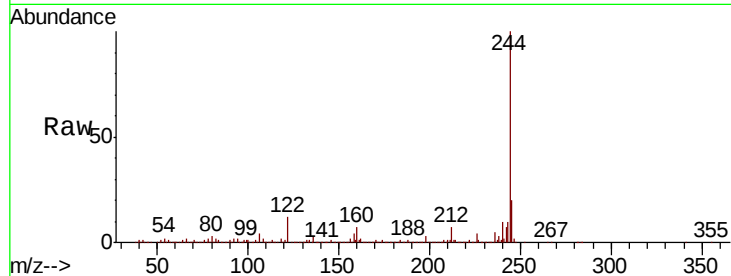
#79
 Terphenyl-d14
 Concen: 85.375 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.6	9.6	14.4

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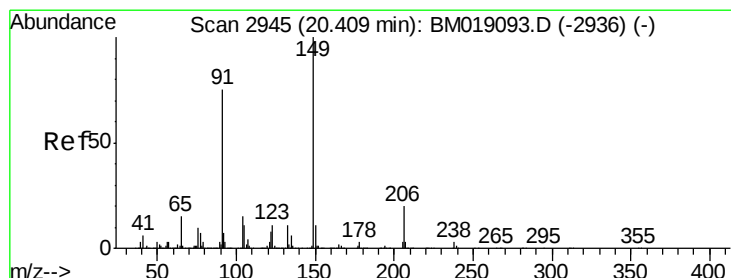
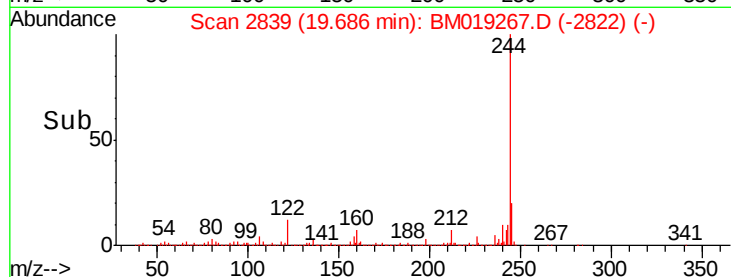
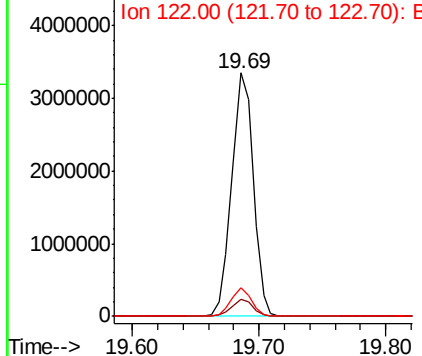


Abundance

Ion 244.00 (243.70 to 244.70): E

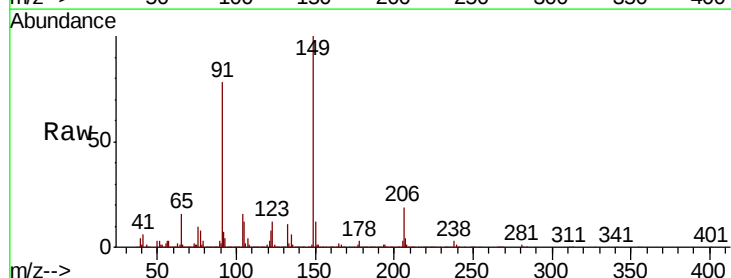
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 55.061 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.0	61.6	92.4
206	19.4	15.9	23.9

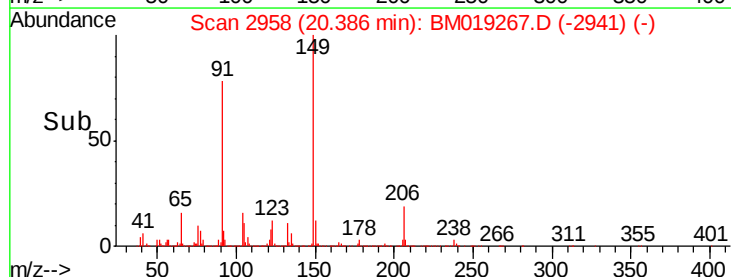
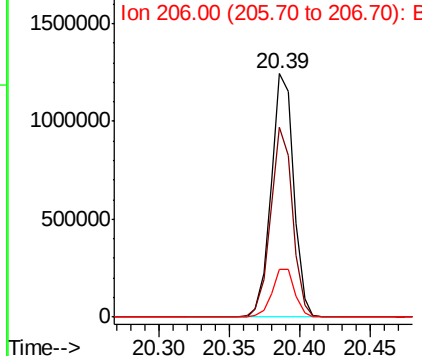


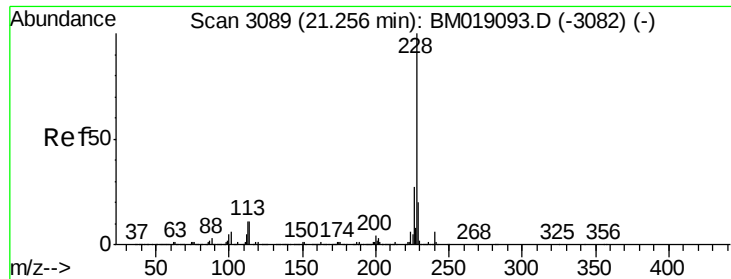
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.471 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:228 Resp: 2388948

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.7	15.8	23.8

228 100

226 27.0 21.6 32.4

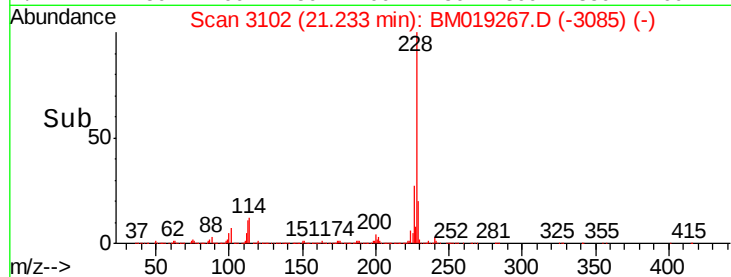
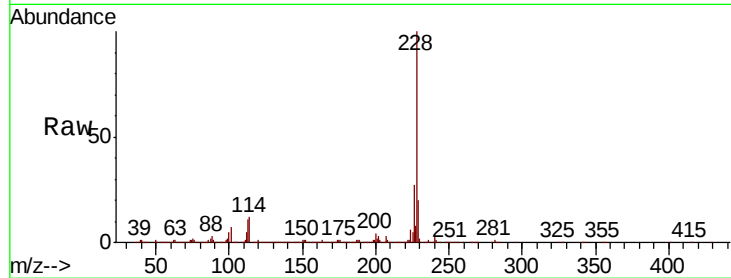
229 19.7 15.8 23.8

Manual Integrations

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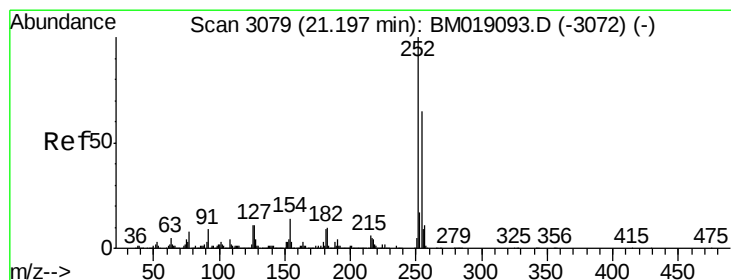
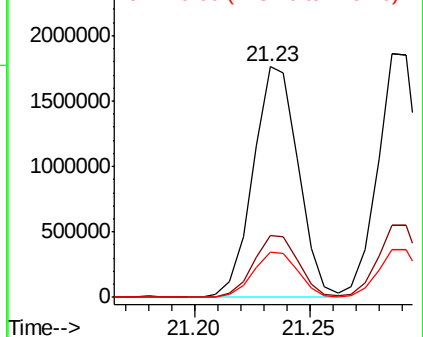


Abundance

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: 30.998 ng

RT: 21.18 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

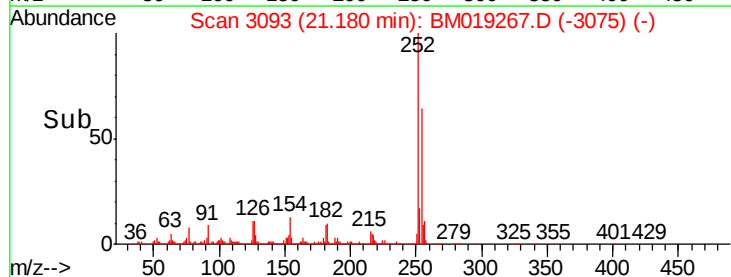
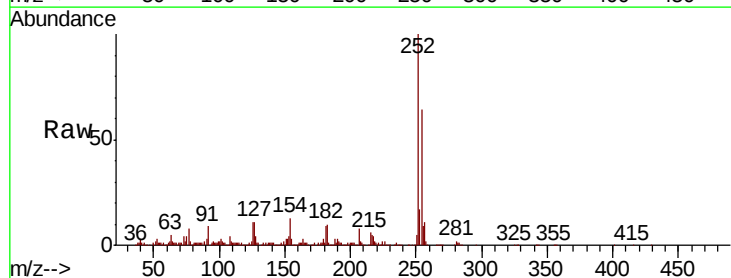
Tgt Ion:252 Resp: 687892

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.0	76.4
126	11.2	9.2	13.8

252 100

254 63.5 51.0 76.4

126 11.2 9.2 13.8

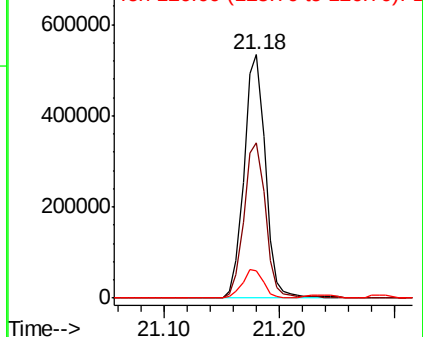


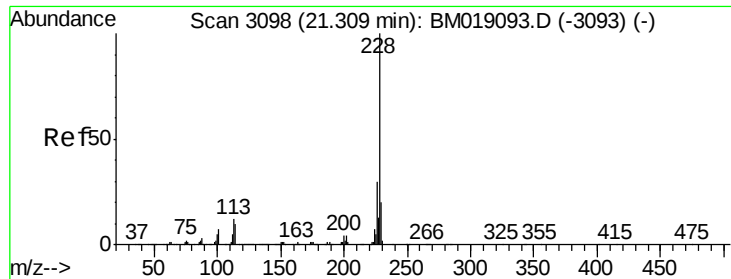
Abundance

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





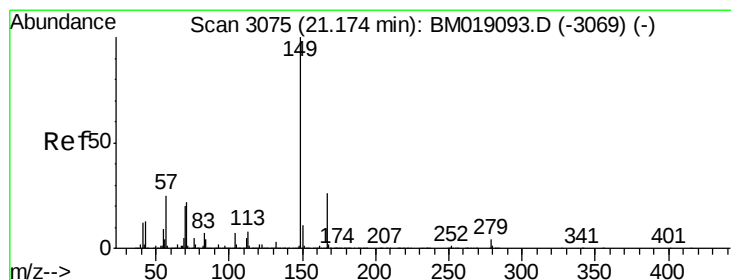
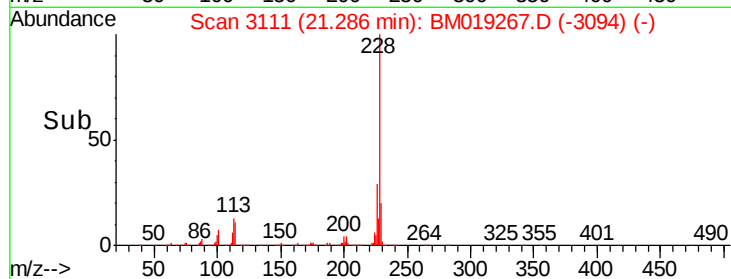
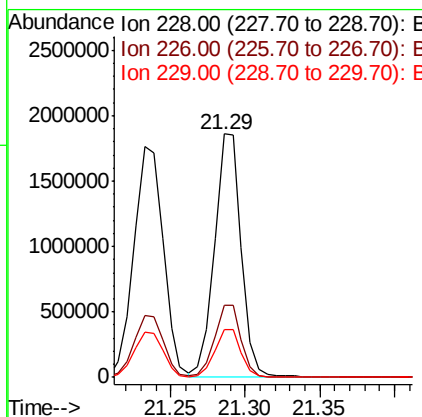
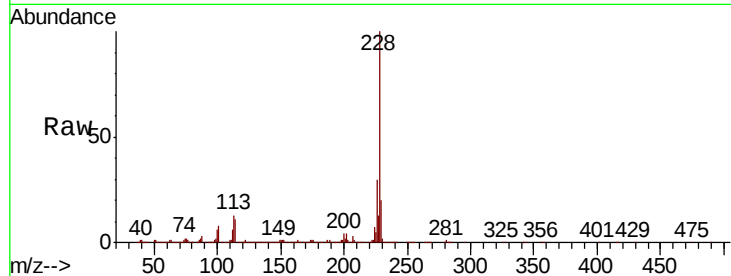
#83
 Chrvsene
 Concen: 41.551 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :
 SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	19.8	15.8	23.6

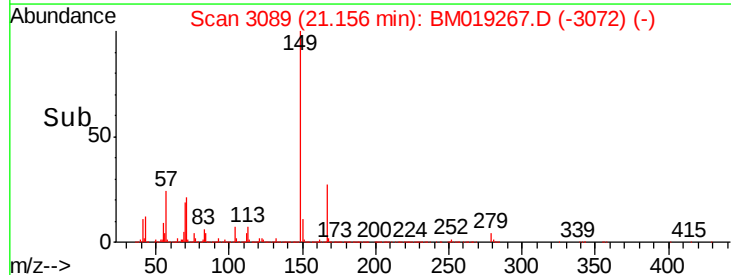
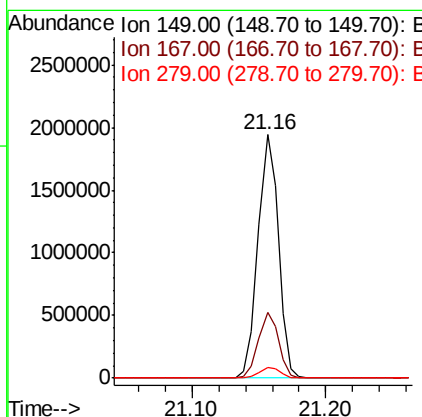
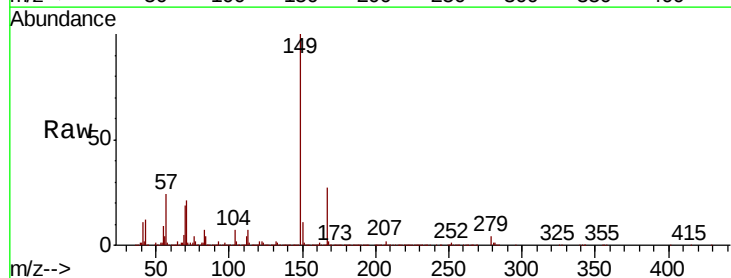
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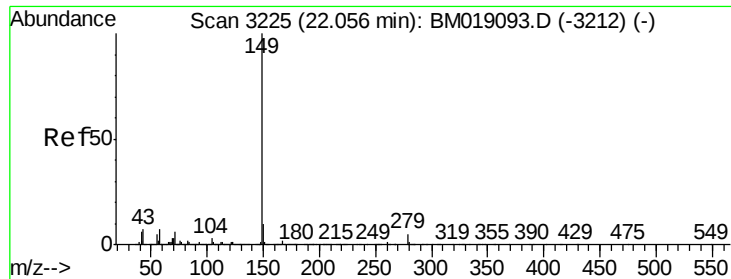
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.032 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.2
279	4.2	3.6	5.4





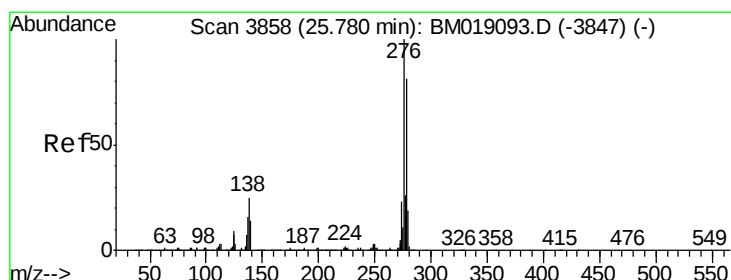
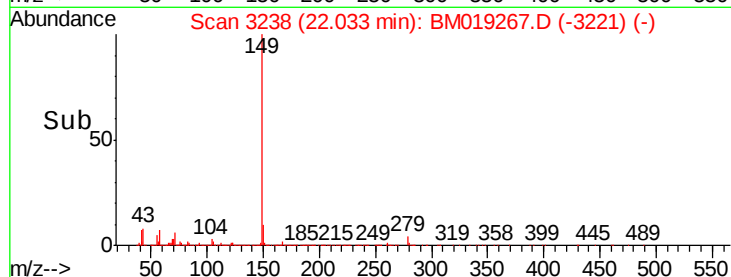
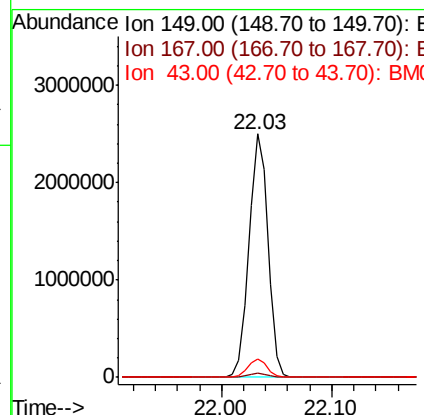
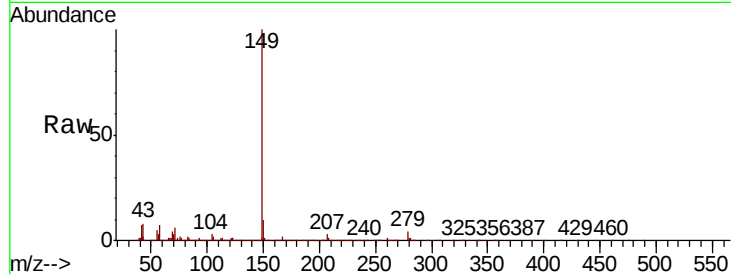
#85
Di-n-octyl phthalate
Concen: 48.688 ng
RT: 22.03 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

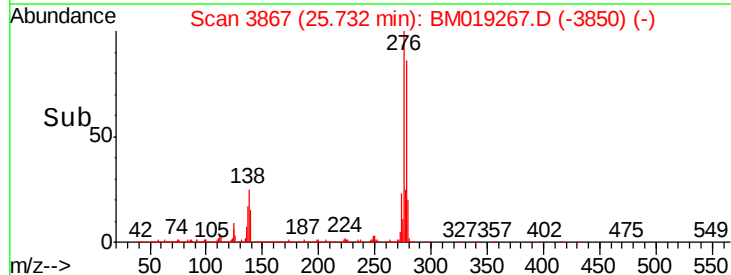
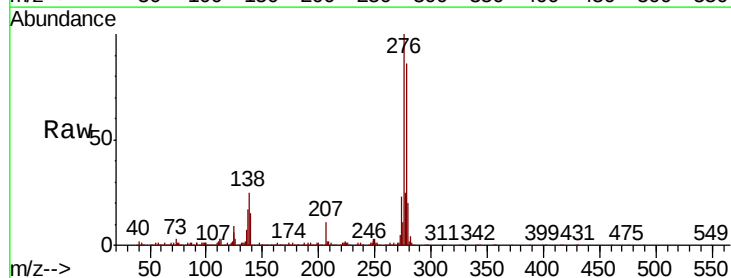
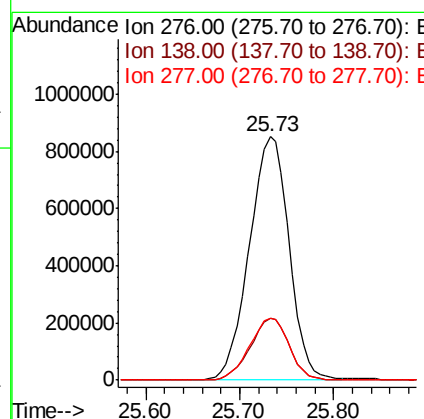
Manual Integrations
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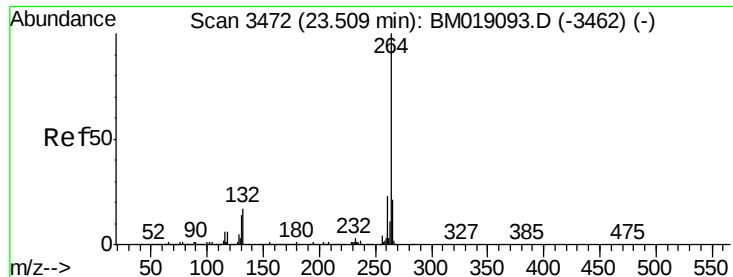
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.455 ng
RT: 25.73 min Scan# 3867
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.6	29.4
277	25.3	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.48 min Scan# 3484

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

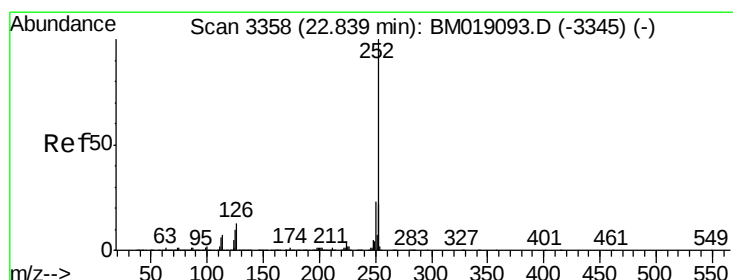
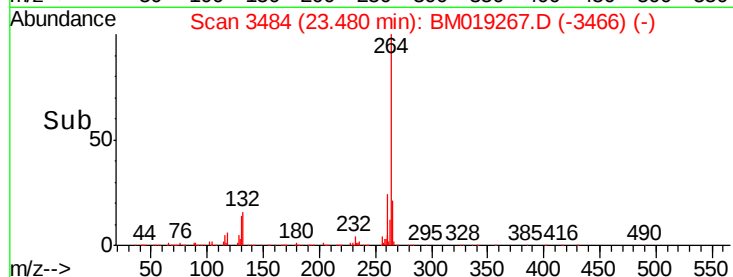
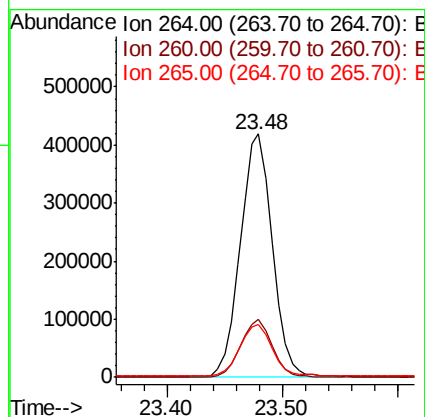
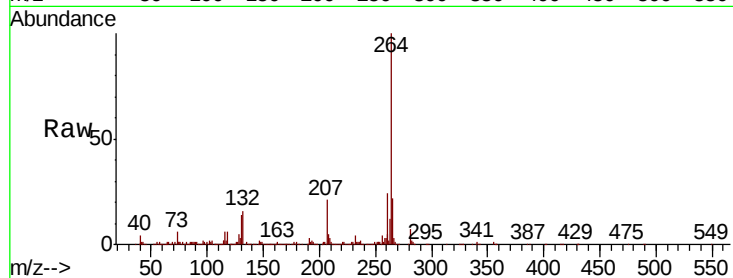
ClientSampleId :

SB-13(13.5-14.5)MSD

Tot Ion:	264	Resp:	806512
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.0	28.4
265	21.9	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.926 ng

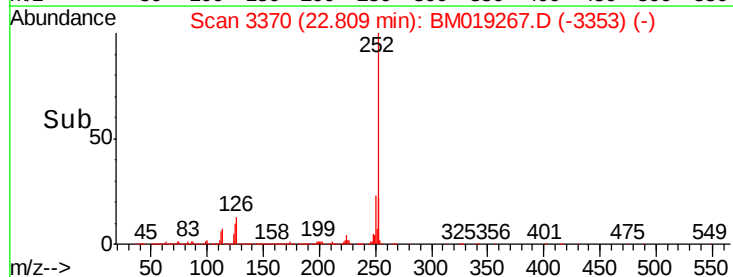
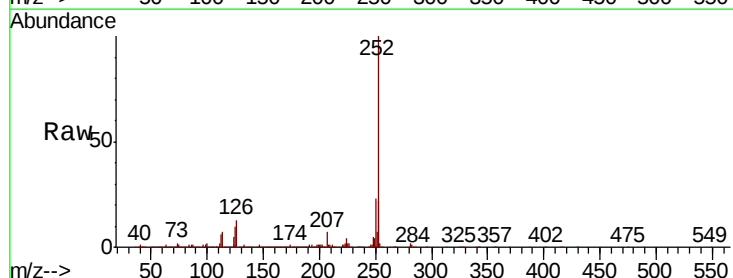
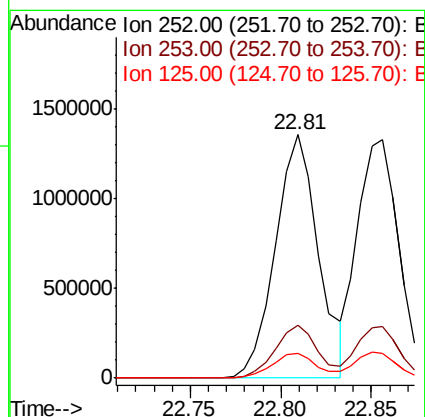
RT: 22.81 min Scan# 3370

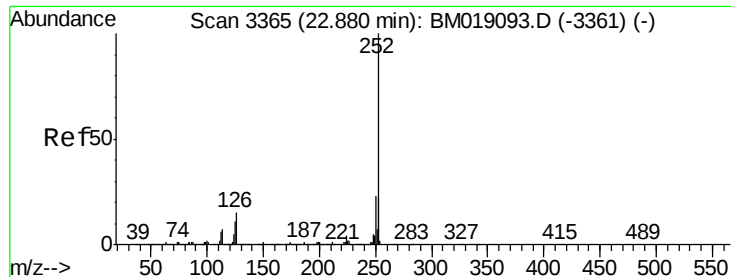
Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion:	252	Resp:	2243315
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	10.2	8.2	12.4





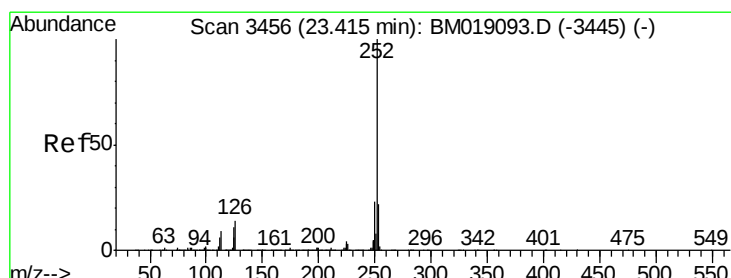
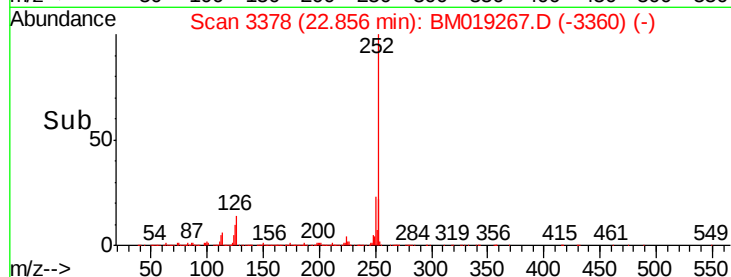
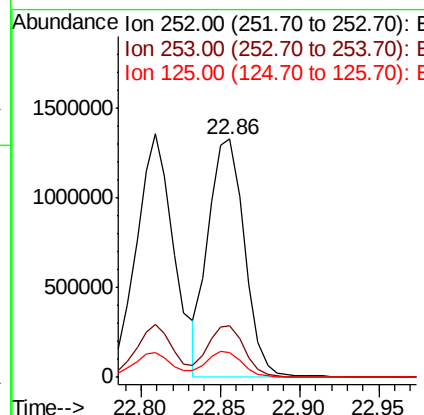
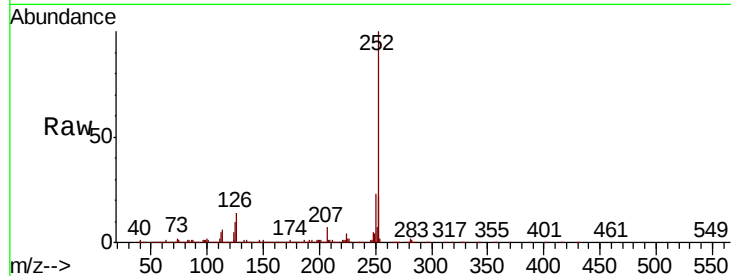
#89
Benzo(k)fluoranthene
Concen: 43.650 ng
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	10.2	8.6	12.8

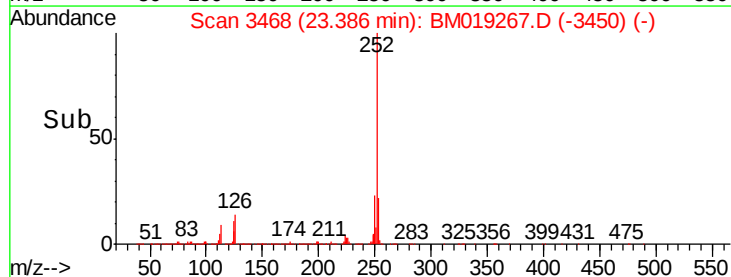
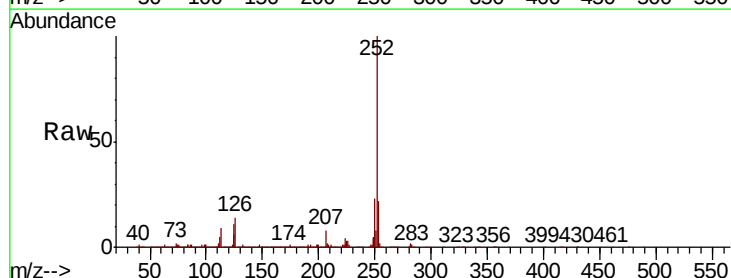
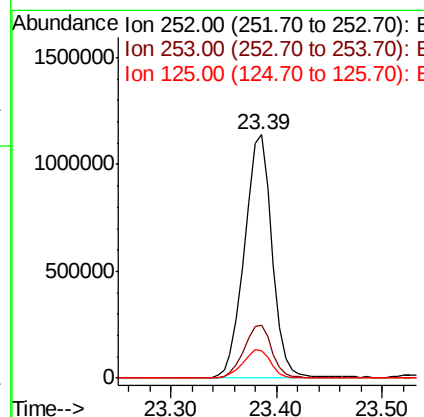
Manual Integrations
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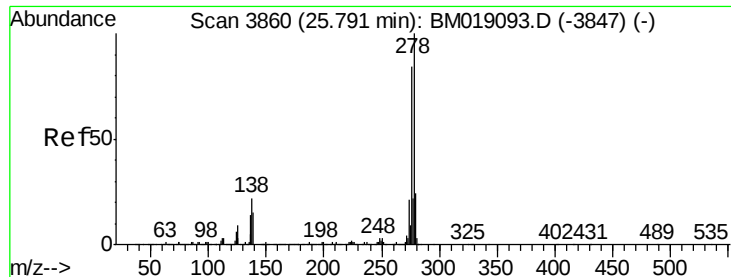
Sohil
3/22/2019 6:04:49 PM



#90
Benzo(a)pyrene
Concen: 43.985 ng
RT: 23.39 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.1	9.2	13.8





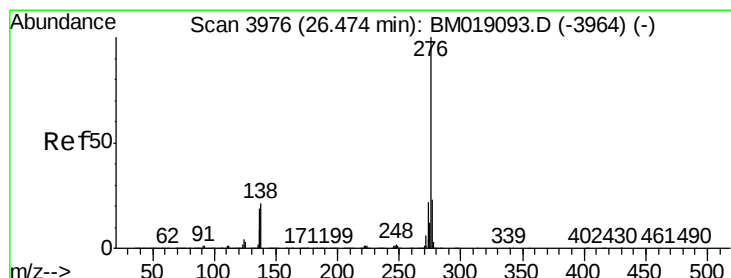
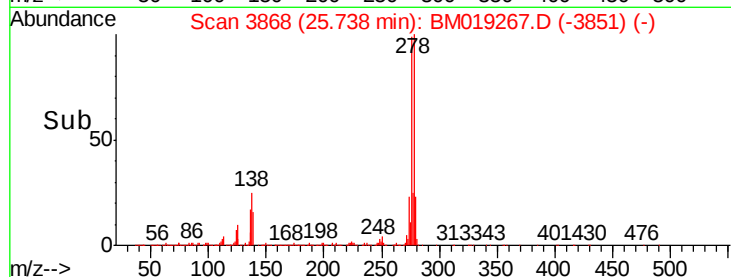
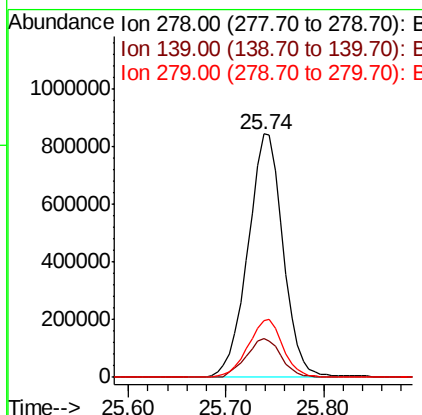
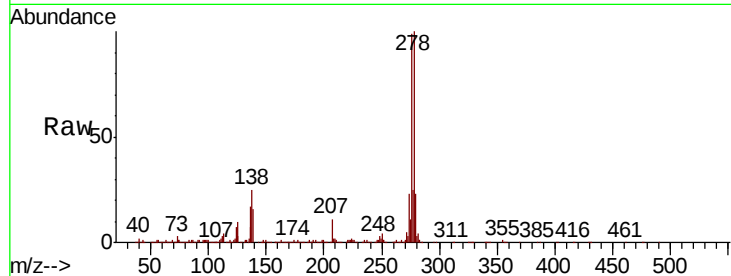
#91
Dibenzo(a,h)anthracene
Concen: 47.358 ng
RT: 25.74 min Scan# 3868
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	23.5	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:49 PM



#92
Benzo(g,h,i)perylene
Concen: 49.331 ng
RT: 26.43 min Scan# 3985
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	19.7	16.9	25.3

