

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019147.D
 Acq On : 13 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K1824-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Manual Integrations
 APPROVED

Sohil
 3/14/2019 3:38:00 PM

Quant Time: Mar 14 07:47:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	209878	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	957202	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	613114	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1430894	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1470043	20.00	ng	0.00
87) Perylene-d12	23.50	264	1278123	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1788413	138.00	ng	0.00
7) Phenol-d6	6.85	99	2745238	144.82	ng	0.00
23) Nitrobenzene-d5	8.83	82	1675311	82.73	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1278872	141.27	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3534022	74.98	ng	0.00
79) Terphenyl-d14	19.70	244	6311513	85.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	178710	30.998	ng	98
3) Pyridine	3.62	79	293193	18.693	ng	99
4) n-Nitrosodimethylamine	3.54	42	175318	35.954	ng	94
6) Aniline	7.01	93	457951	18.712	ng	100
8) 2-Chlorophenol	7.23	128	656839	42.177	ng	98
9) Benzaldehyde	6.82	77	310502	26.041	ng	97
10) Phenol	6.87	94	1079589	52.845	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	602532	38.651	ng	98
12) 1,3-Dichlorobenzene	7.55	146	602938	36.584	ng	99
13) 1,4-Dichlorobenzene	7.69	146	623694	37.119	ng	99
14) 1,2-Dichlorobenzene	8.00	146	613147	37.507	ng	99
15) Benzyl Alcohol	7.92	79	664437	42.351	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	595076	37.385	ng	99
17) 2-Methylphenol	8.11	107	601787	45.204	ng	99
18) Hexachloroethane	8.72	117	227225	36.394	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	614609	39.520	ng	99
20) 3+4-Methylphenols	8.44	107	832882	46.091	ng	98
22) Acetophenone	8.49	105	993360	37.552	ng	# 99
24) Nitrobenzene	8.87	77	841364	39.951	ng	99
25) Isophorone	9.39	82	1595133	41.282	ng	99
26) 2-Nitrophenol	9.57	139	364087	41.708	ng	99
27) 2,4-Dimethylphenol	9.63	122	656671	50.600	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	934474	40.844	ng	99
29) 2,4-Dichlorophenol	10.10	162	681746	47.432	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	636135	39.251	ng	99
31) Naphthalene	10.49	128	1985546	39.355	ng	100
32) Benzoic acid	9.77	122	215334m	19.592	ng	
33) 4-Chloroaniline	10.63	127	249153	12.047	ng	99
34) Hexachlorobutadiene	10.76	225	338827	36.431	ng	99
35) Caprolactam	11.45	113	236185m	46.130	ng	
36) 4-Chloro-3-methylphenol	11.76	107	834882	47.076	ng	100
37) 2-Methylnaphthalene	12.12	142	1535962	41.895	ng	100
38) 1-Methylnaphthalene	12.33	142	1481772	41.005	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	731501	37.717	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	764323	87.004	nq	99
43) 2,4,6-Trichlorophenol	12.74	196	576359	45.986	nq	98
44) 2,4,5-Trichlorophenol	12.81	196	630183m	47.020	nq	
46) 1,1'-Biphenyl	13.14	154	2060609	38.484	nq	99
47) 2-Chloronaphthalene	13.19	162	1589246	39.764	nq	99
48) 2-Nitroaniline	13.41	65	599472	44.724	nq	99
49) Acenaphthylene	14.04	152	2658747	39.343	nq	100
50) Dimethylphthalate	13.79	163	2662100	50.756	nq	99
51) 2,6-Dinitrotoluene	13.92	165	491147	43.319	nq	96
52) Acenaphthene	14.38	154	1544075	39.764	nq	99
53) 3-Nitroaniline	14.25	138	280845	23.388	nq	95
54) 2,4-Dinitrophenol	14.46	184	454051	68.958	nq	99
55) Dibenzofuran	14.72	168	2537971	40.528	nq	100
56) 4-Nitrophenol	14.57	139	862006	87.920	nq	98
57) 2,4-Dinitrotoluene	14.70	165	709180	43.090	nq	98
58) Fluorene	15.37	166	2109168	40.861	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	567915	45.517	nq	100
60) Diethylphthalate	15.15	149	2277224	42.870	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	1041456	41.542	nq	100
62) 4-Nitroaniline	15.43	138	490924	40.566	nq	99
63) Azobenzene	15.66	77	2350261	42.046	nq	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	350066	37.334	nq	97
66) n-Nitrosodiphenylamine	15.59	169	1879724	41.263	nq	100
67) 4-Bromophenyl-phenylether	16.26	248	629990	39.925	nq	96
68) Hexachlorobenzene	16.36	284	747628	39.853	nq	98
69) Atrazine	16.55	200	678881	44.271	nq	100
70) Pentachlorophenol	16.72	266	927682	82.078	nq	99
71) Phenanthrene	17.11	178	3317941	39.561	nq	100
72) Anthracene	17.20	178	3392657	41.321	nq	100
73) Carbazole	17.49	167	3199297	41.285	nq	99
74) Di-n-butylphthalate	18.04	149	3978434	42.455	nq	100
75) Fluoranthene	19.13	202	3827935	39.776	nq	99
77) Benzidine	19.34	184	486774	11.676	nq	99
78) Pyrene	19.50	202	3887954	41.801	nq	99
80) Butylbenzylphthalate	20.40	149	1882352	46.464	nq	99
81) Benzo(a)anthracene	21.25	228	3591403	38.942	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	825504	23.235	nq	100
83) Chrysene	21.30	228	3477182	38.972	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2818129	47.815	nq	98
85) Di-n-octyl phthalate	22.05	149	4668789	47.043	nq	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3424311	35.653	nq	100
88) Benzo(b)fluoranthene	22.83	252	3346496	40.407	nq	99
89) Benzo(k)fluoranthene	22.88	252	3411223	44.781	nq	99
90) Benzo(a)pyrene	23.41	252	3144615	42.251	nq	99
91) Dibenzo(a,h)anthracene	25.78	278	2930305	41.158	nq	100
92) Benzo(g,h,i)perylene	26.46	276	2692087	41.185	nq	99

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

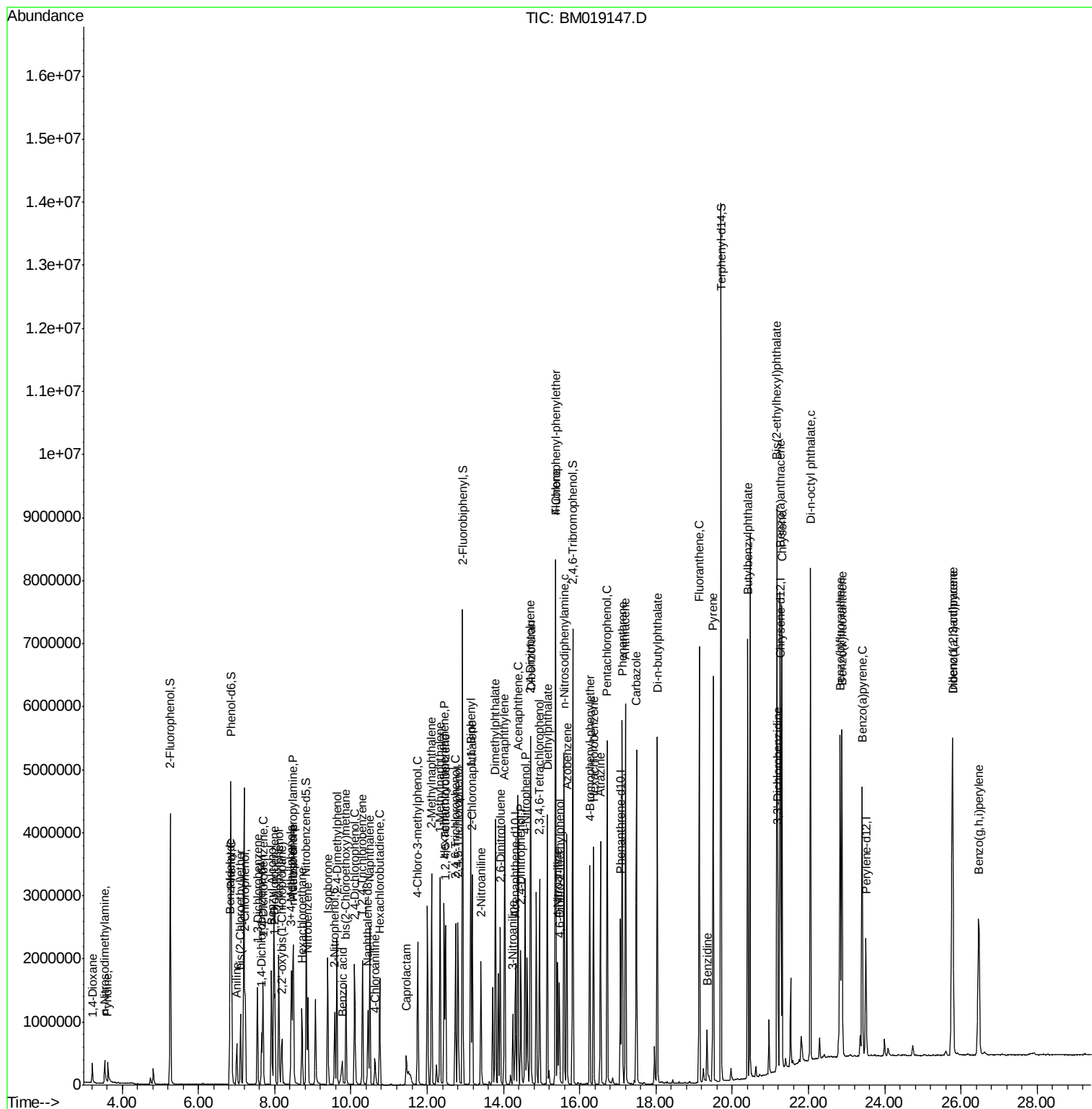
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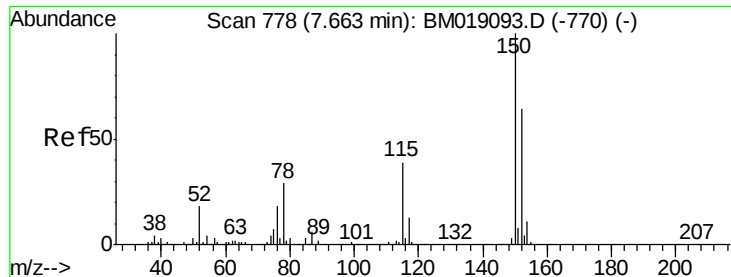
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 BNA_M
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 TP-24MSD

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#1

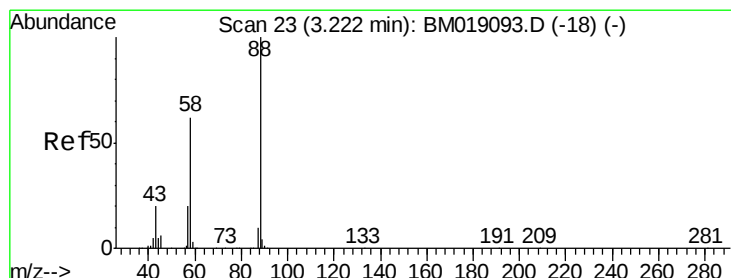
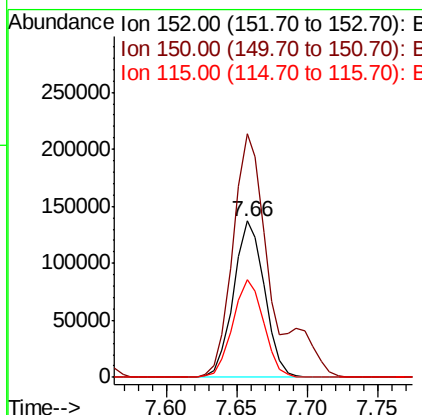
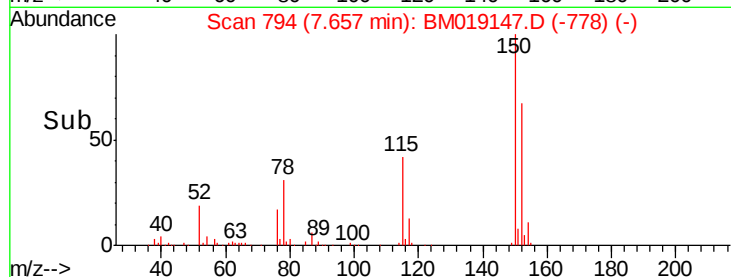
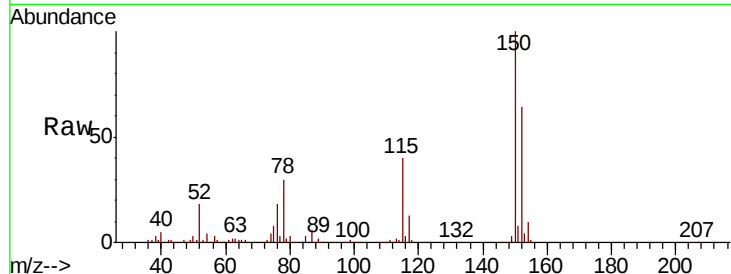
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.3	187.9
115	62.3	49.4	74.0

Manual Integrations
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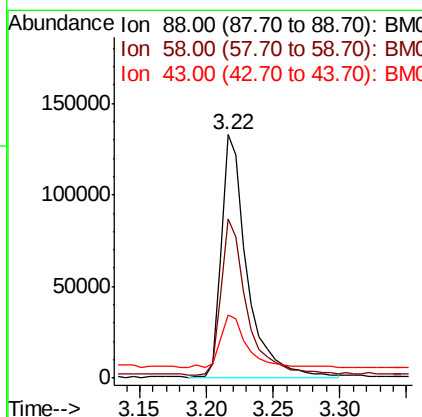
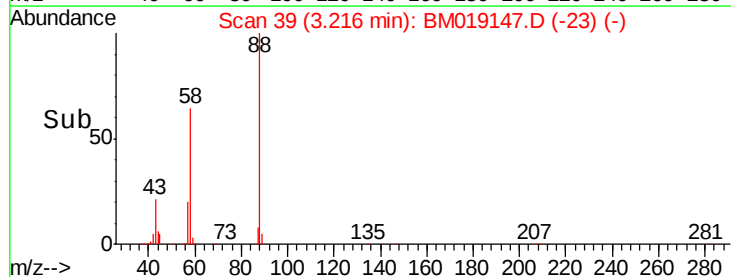
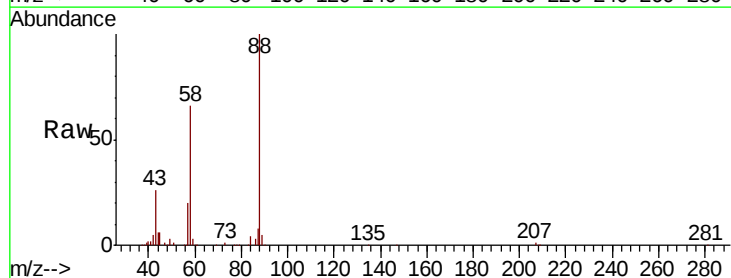
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#2

1,4-Dioxane
Concen: 30.998 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	50.0	75.0
43	22.0	17.0	25.4





#3

Pvridine

Concen: 18.693 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

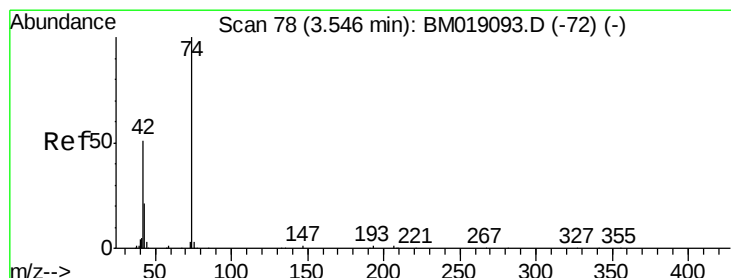
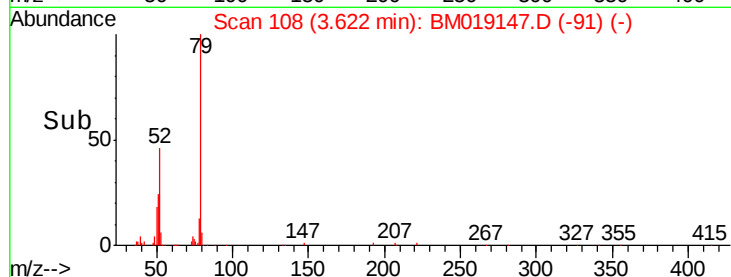
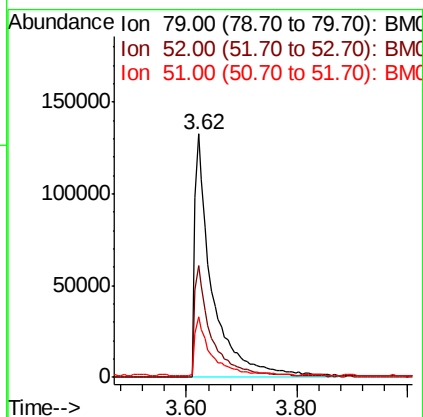
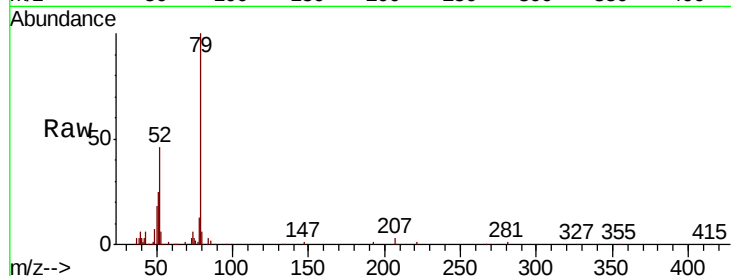
ClientSampleId :

TP-24MSD

Tot Ion:	79	Resp:	293193
Ion Ratio	Lower	Upper	
79	100		
52	46.1	37.5	56.3
51	24.7	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 35.954 ng

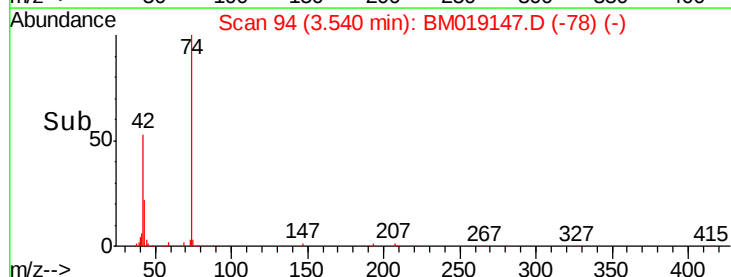
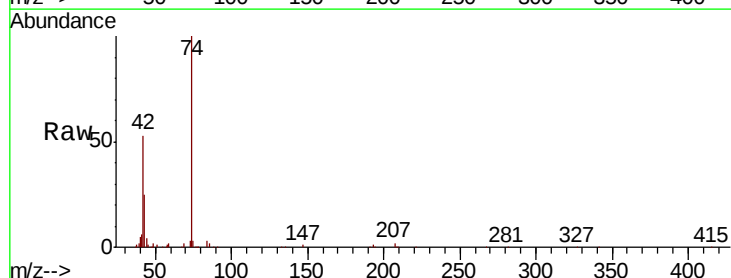
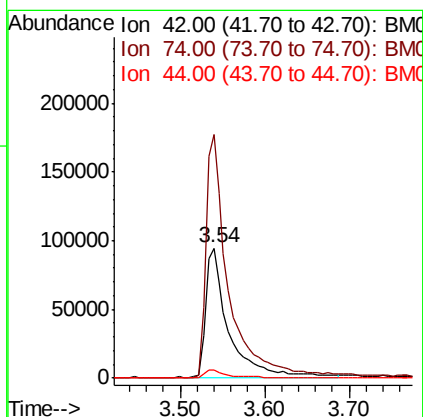
RT: 3.54 min Scan# 94

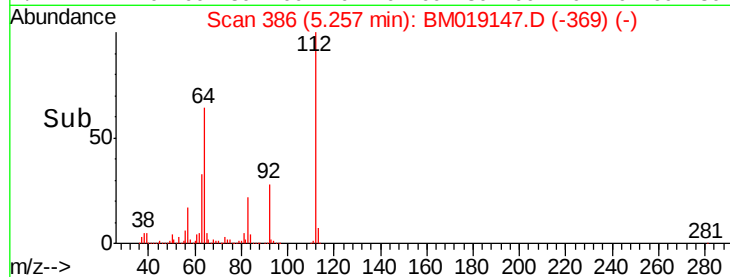
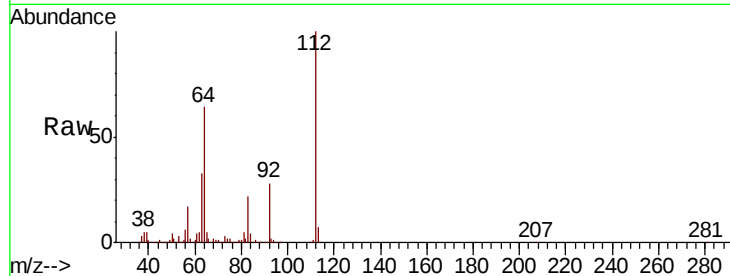
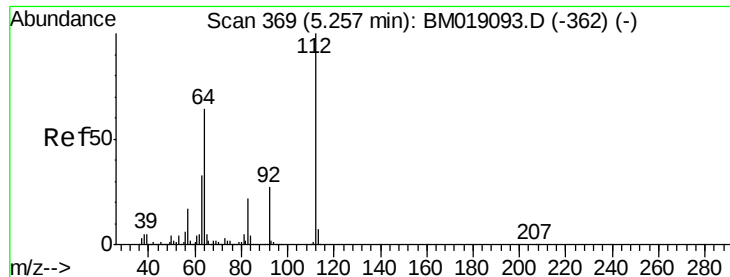
Delta R.T. -0.01 min

Lab File: BM019147.D

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Tgt Ion:	42	Resp:	175318
Ion Ratio	Lower	Upper	
42	100		
74	187.0	156.3	234.5
44	6.6	4.6	7.0





#5

2-Fluorophenol

Concen: 137.999 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tot Ion:	112	Resp:	1788413
Ion	Ratio	Lower	Upper
112	100		
64	64.3	51.4	77.0
63	32.7	26.6	40.0

Instrument :

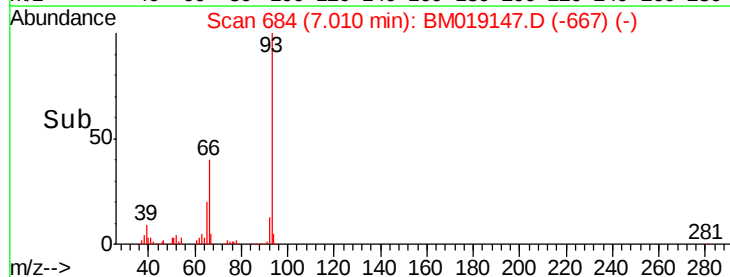
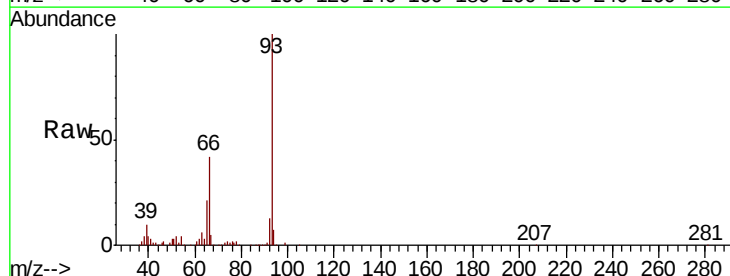
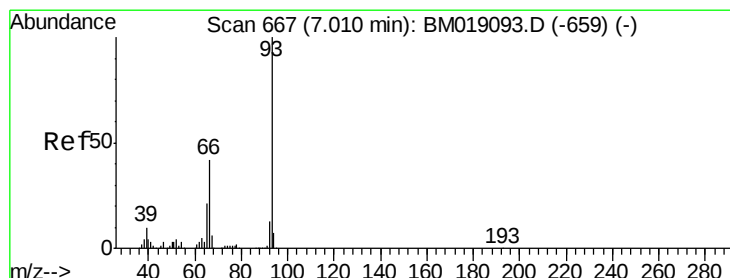
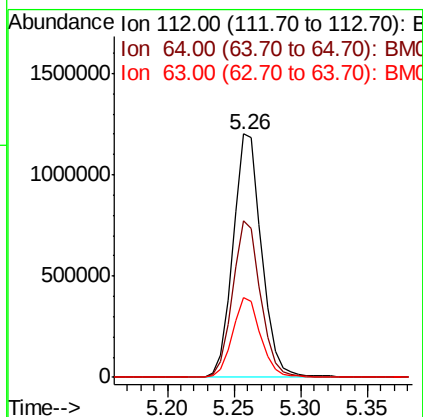
BNA_M

ClientSampleId :

TP-24MSD

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#6

Aniline

Concen: 18.712 ng

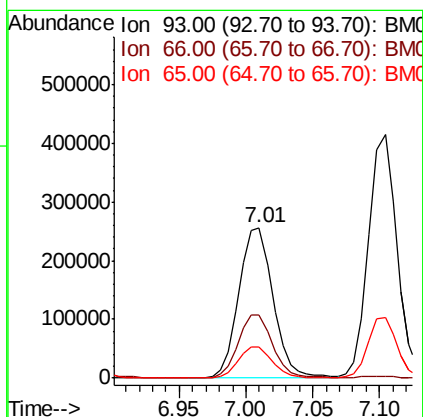
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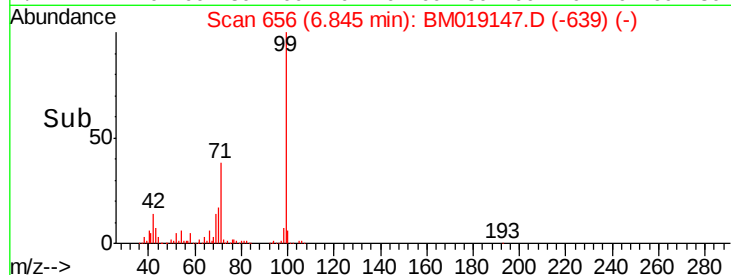
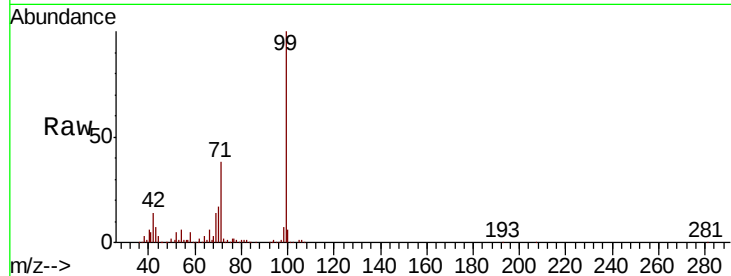
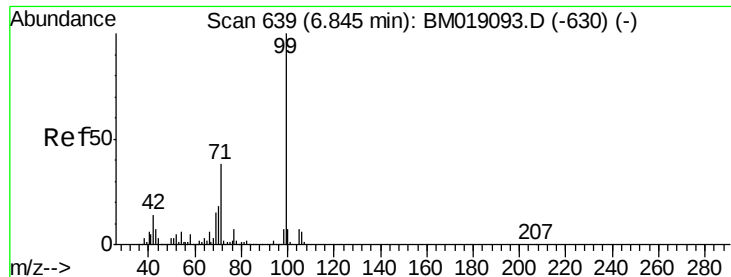
Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:	93	Resp:	457951
Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.4	50.2
65	20.7	16.8	25.2





#7

Phenol-d6

Concen: 144.821 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tot Ion: 99 Resp: 2745238

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

71 37.6 30.3 45.5

Instrument :

BNA_M

ClientSampleId :

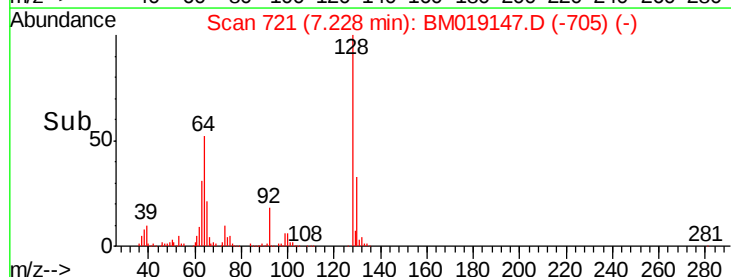
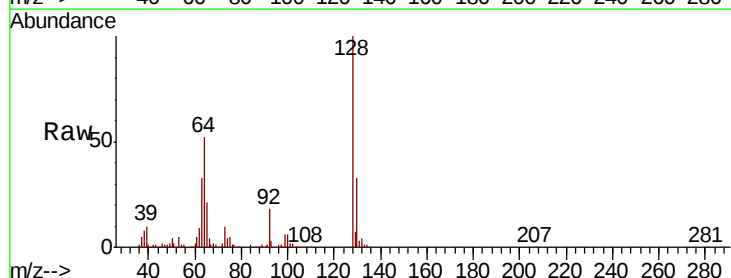
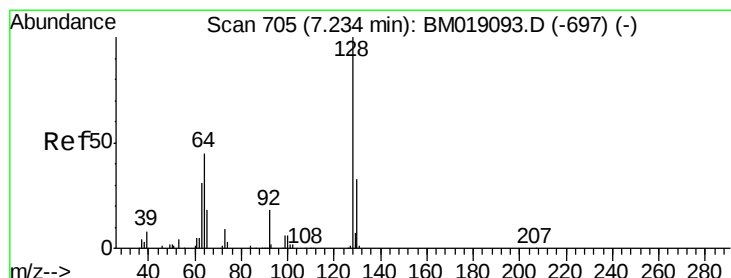
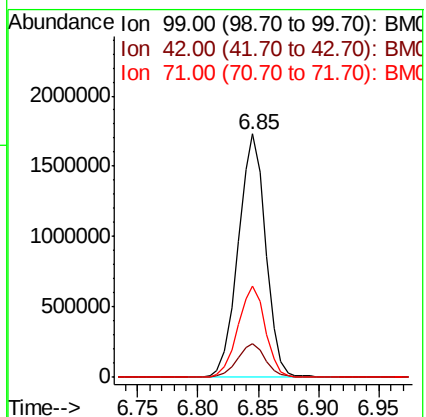
TP-24MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.177 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

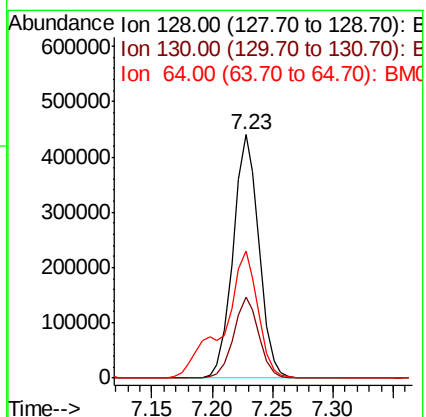
Tgt Ion: 128 Resp: 656839

Ion Ratio Lower Upper

128 100

130 33.1 12.8 52.8

64 52.4 30.8 70.8





#9

Benzaldehyde

Concen: 26.041 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

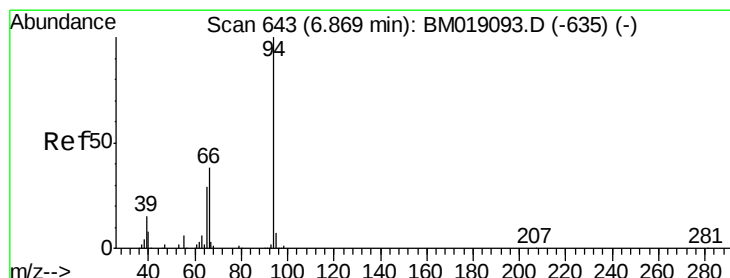
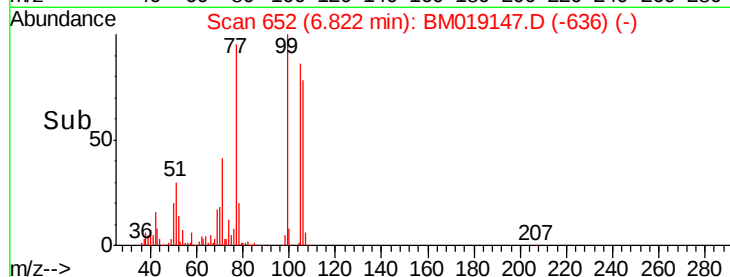
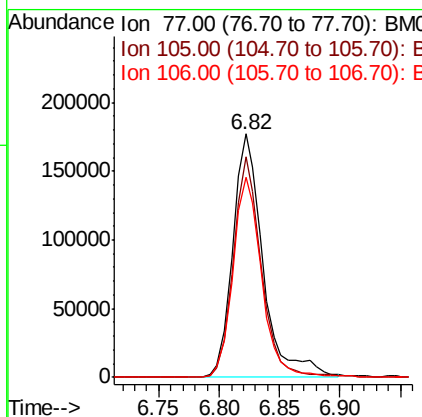
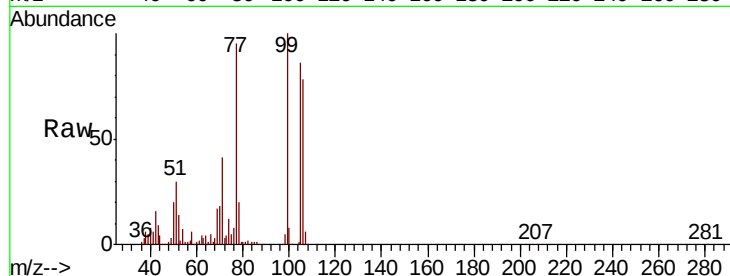
ClientSampleId :

TP-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	90.5	67.7	107.7		
106	82.2	64.1	104.1		

Manual Integrations
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#10

Phenol

Concen: 52.845 ng

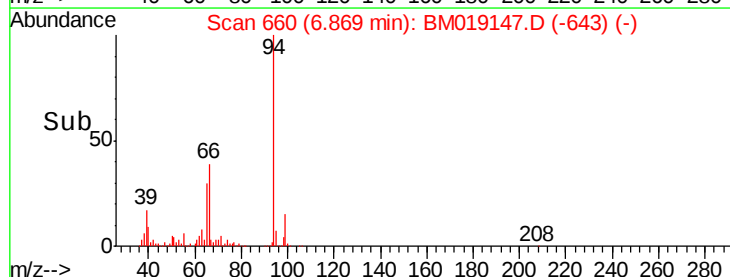
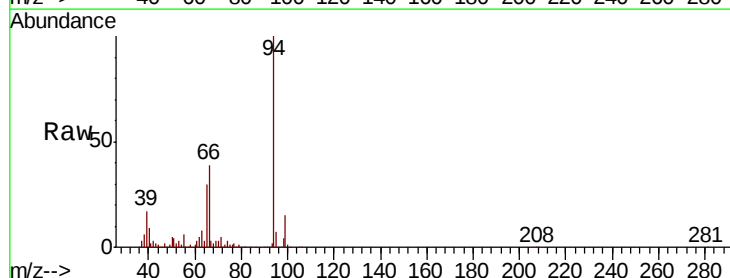
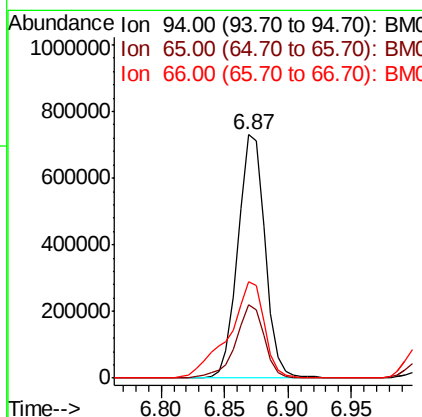
RT: 6.87 min Scan# 660

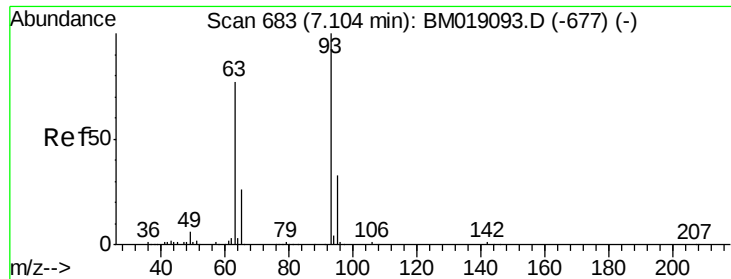
Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.9	9.7	49.7		
66	39.4	19.2	59.2		





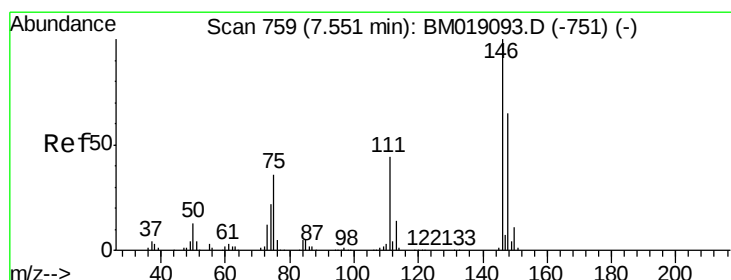
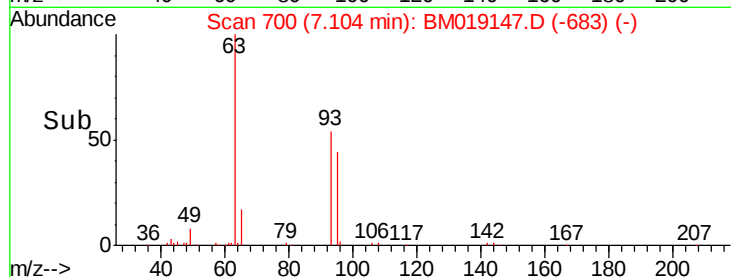
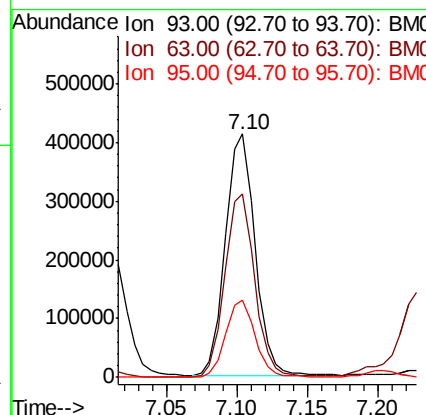
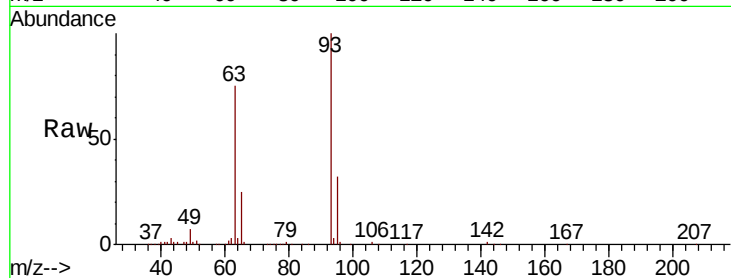
#11
bis(2-Chloroethyl)ether
Concen: 38.651 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	602532		
63	75.3	56.6	96.6	
95	31.7	13.0	53.0	

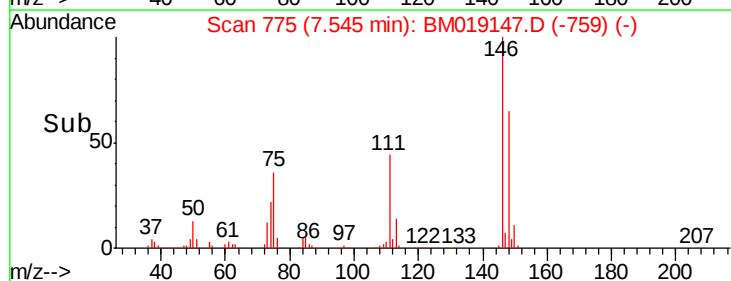
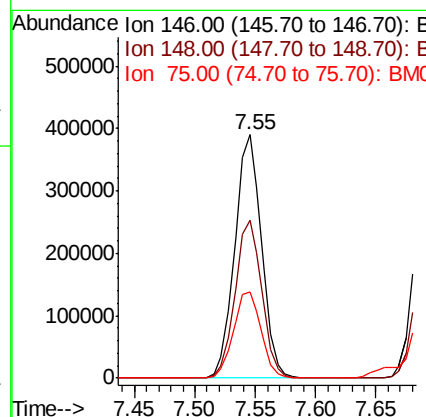
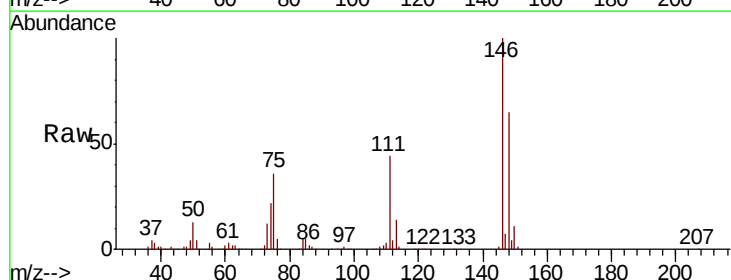
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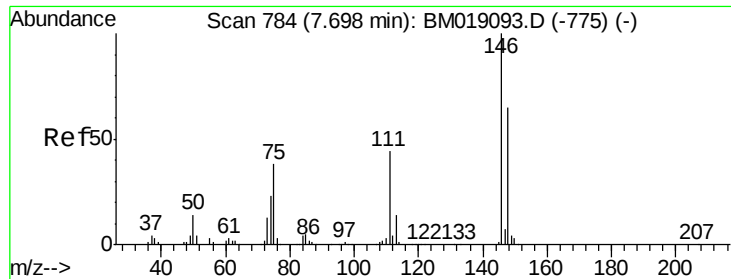
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.584 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	602938		
148	64.6	51.7	77.5	
75	35.6	29.1	43.7	





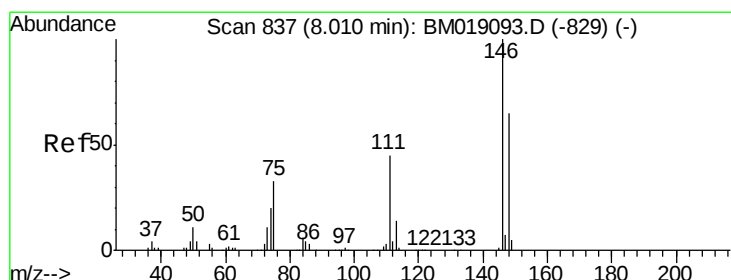
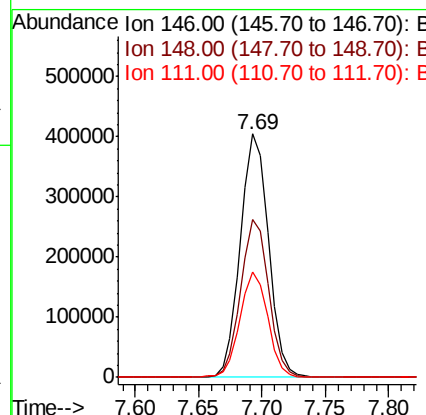
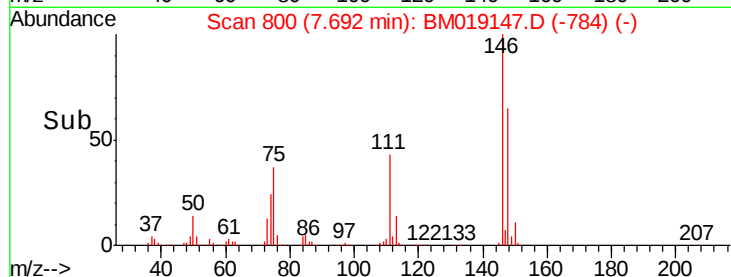
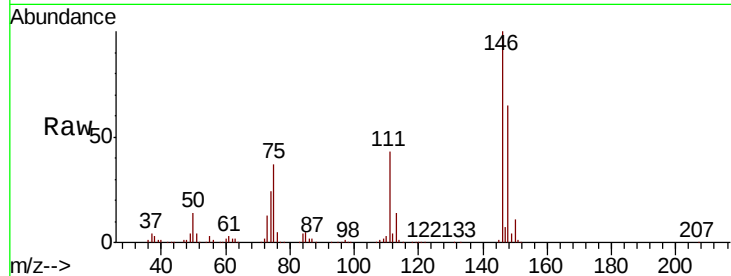
#13
 1,4-Dichlorobenzene
 Concen: 37.119 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampled :
 TP-24MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	43.3	35.4	53.0

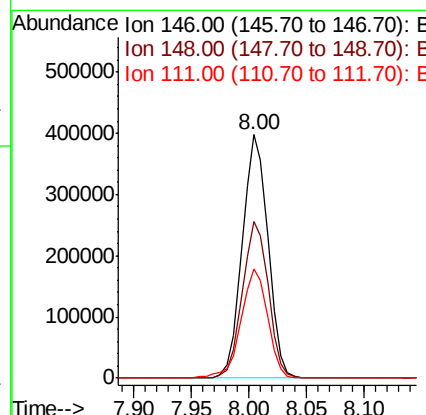
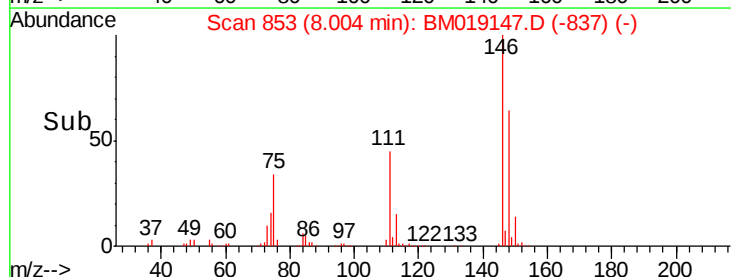
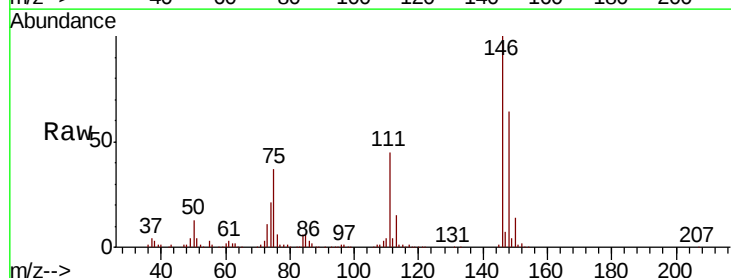
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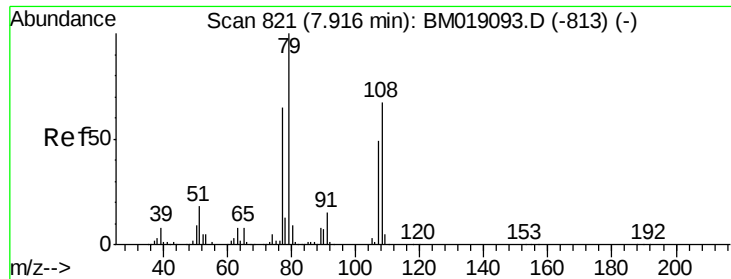
Sohil
 3/14/2019 3:38:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.507 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	44.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.351 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

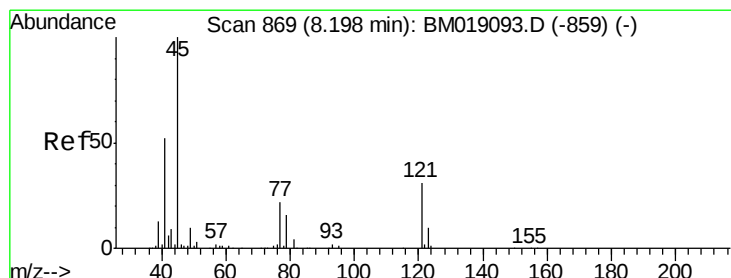
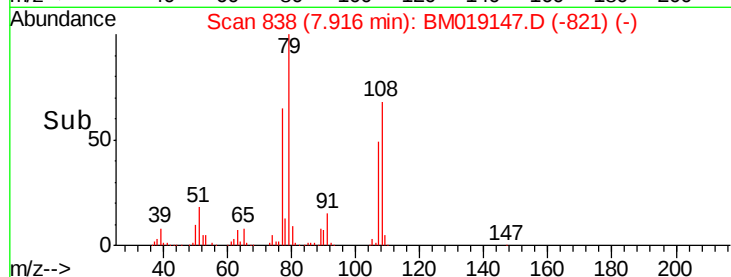
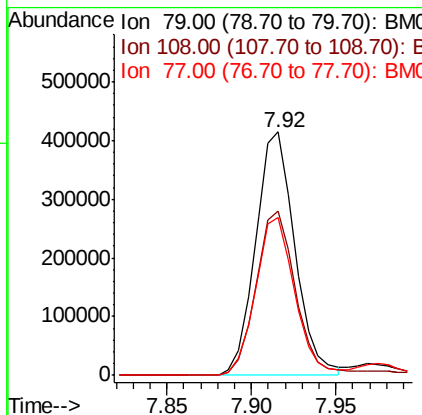
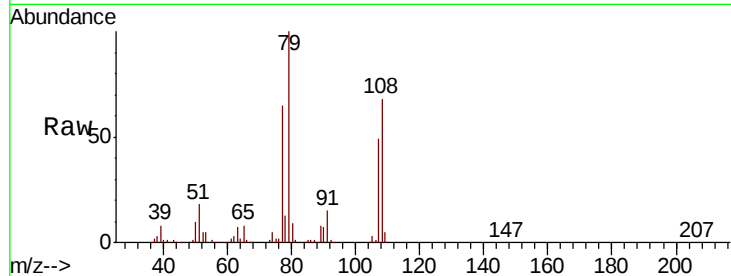
ClientSampled :

TP-24MSD

Tot Ion:	79	Resp:	664437
Ion Ratio	Lower	Upper	
79	100		
108	67.7	53.7	80.5
77	65.1	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.385 ng

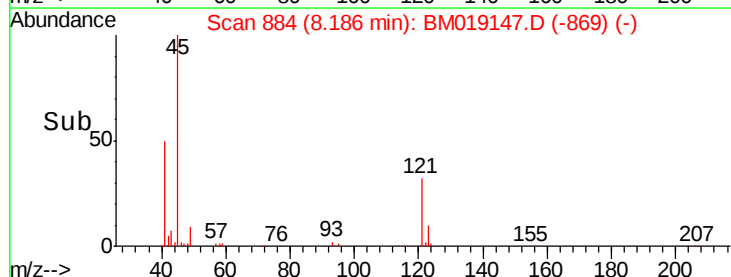
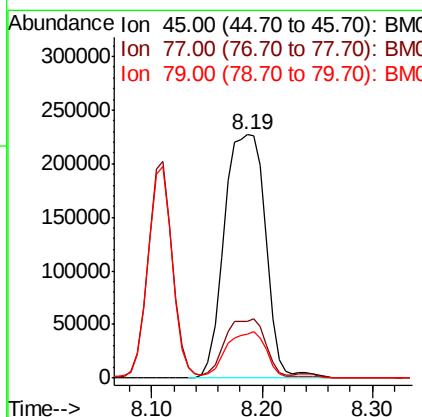
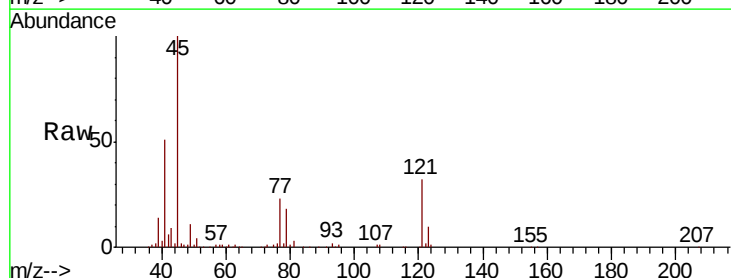
RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:	45	Resp:	595076
Ion Ratio	Lower	Upper	
45	100		
77	23.4	4.1	44.1
79	18.1	0.0	38.1





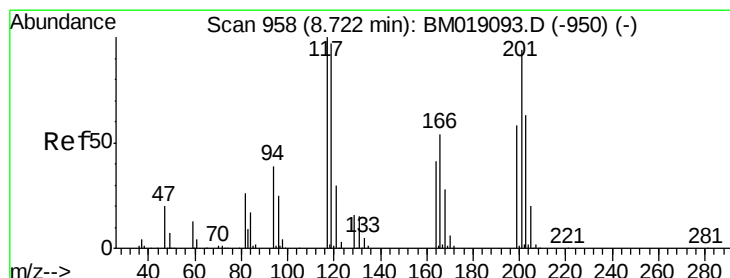
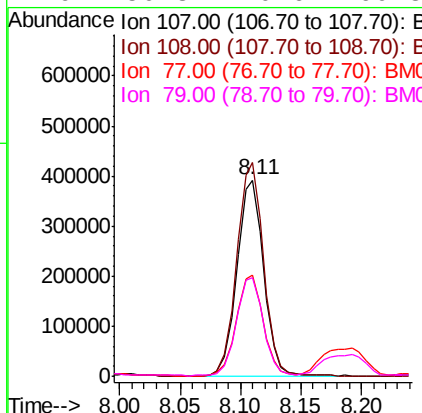
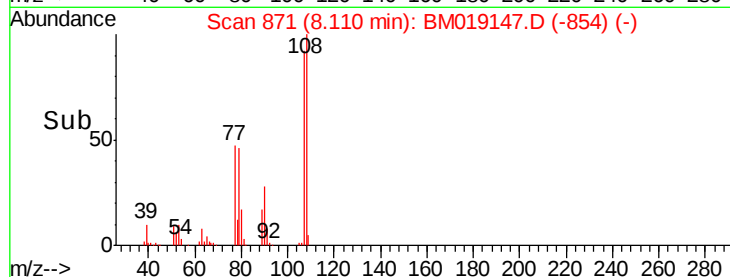
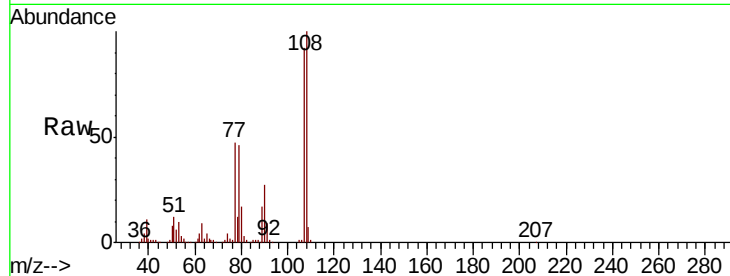
#17
2-Methylphenol
Concen: 45.204 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	87.4	131.2	
77	51.5	41.6	62.4	
79	50.3	40.6	60.8	

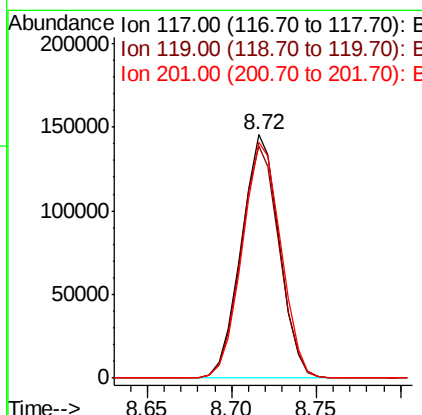
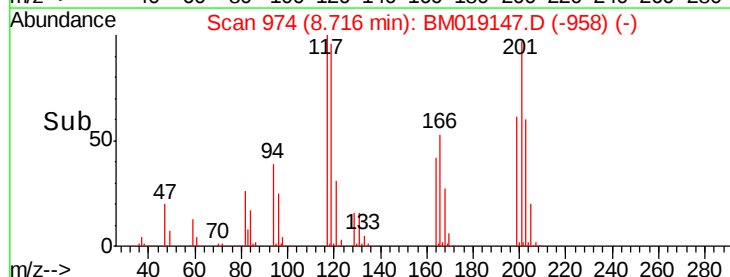
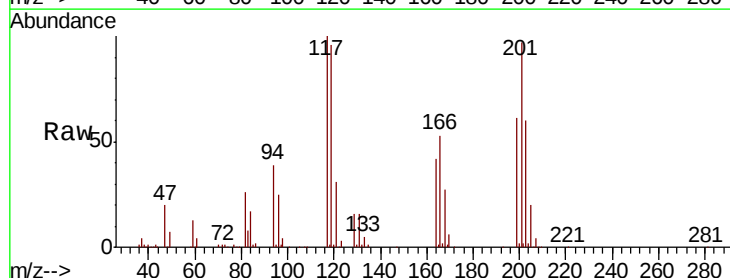
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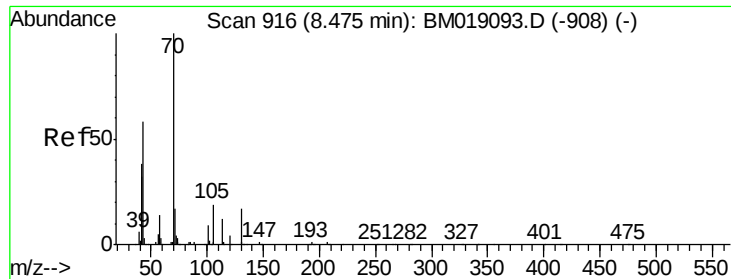
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#18
Hexachloroethane
Concen: 36.394 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.4	116.2	
201	96.7	75.2	112.8	





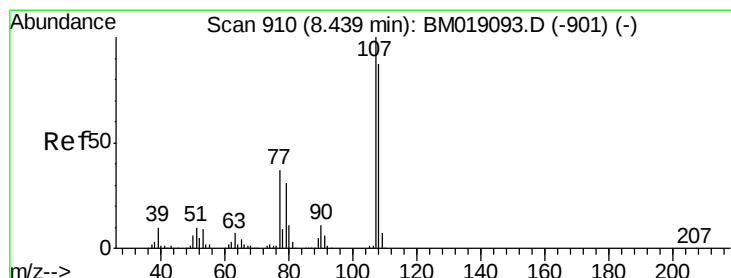
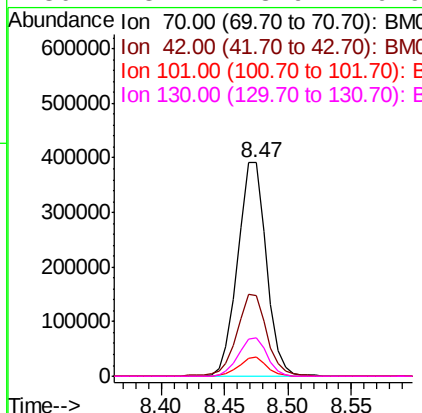
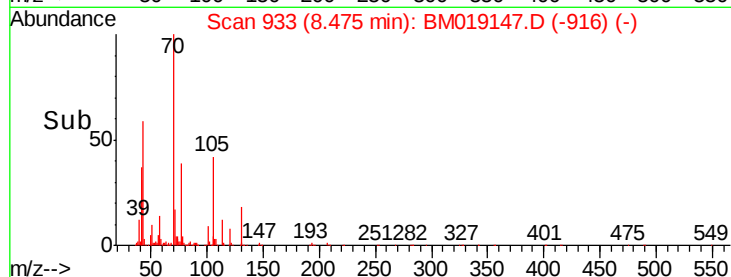
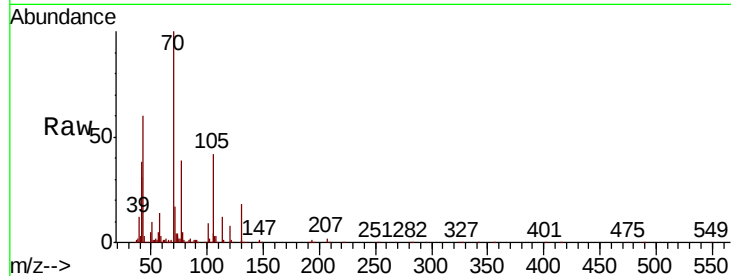
#19
n-Nitroso-di-n-propylamine
Concen: 39.520 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.6	30.6	45.8	
101	8.9	6.8	10.2	
130	18.1	13.9	20.9	

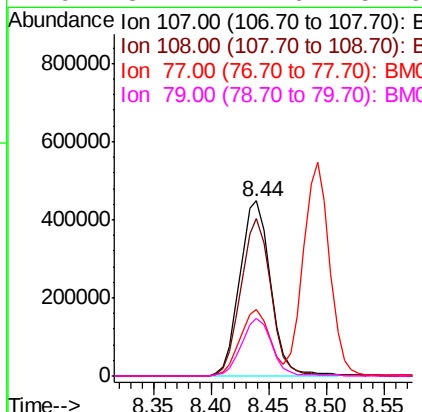
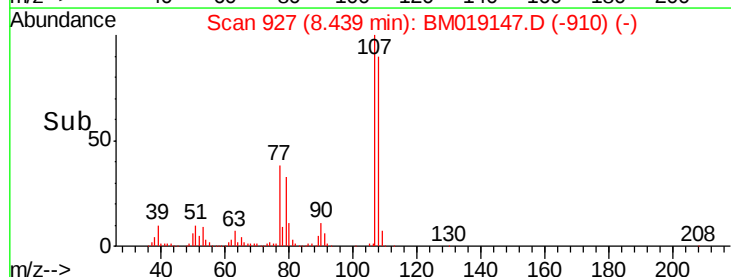
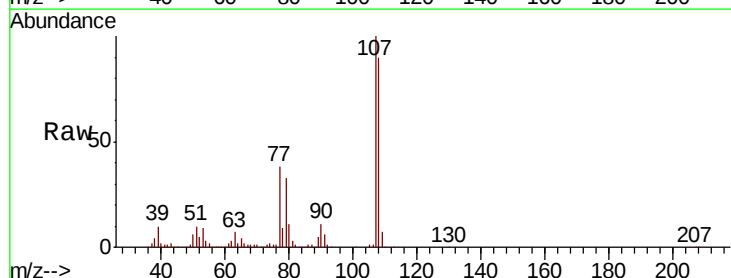
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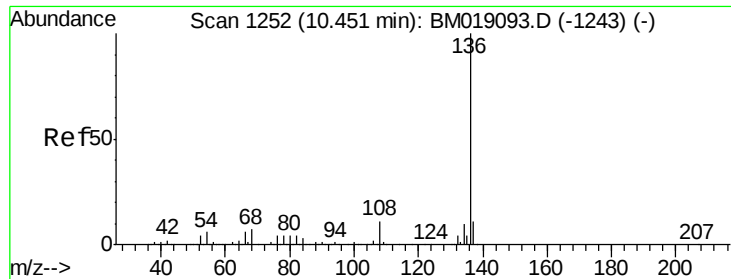
Sohil
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#20
3+4-Methylphenols
Concen: 46.091 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	67.0	107.0	
77	38.1	17.3	57.3	
79	32.7	11.6	51.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

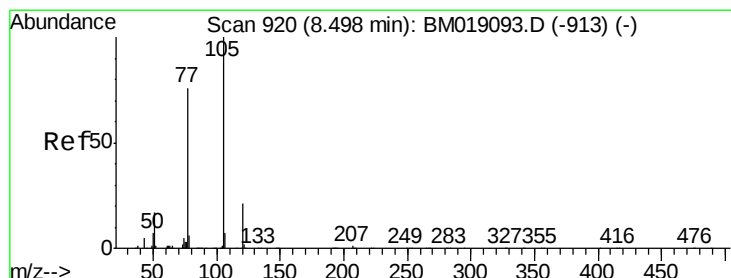
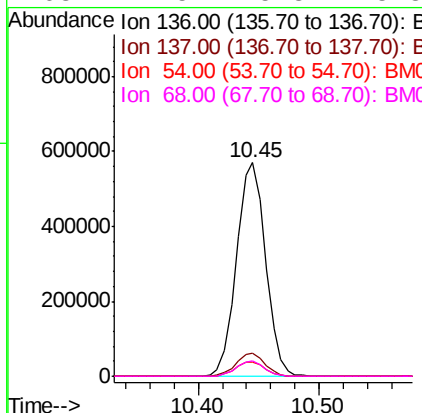
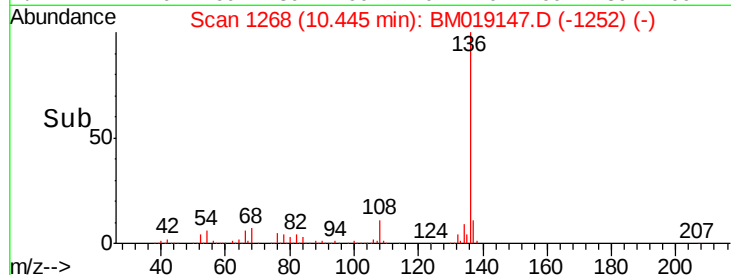
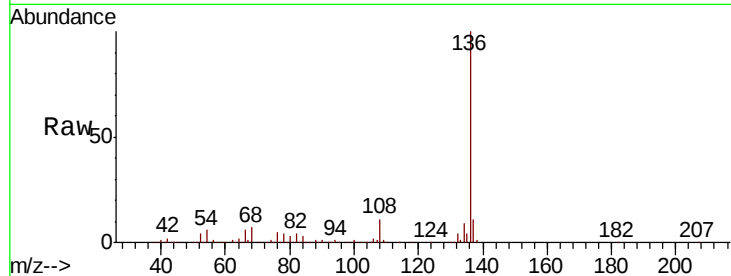
ClientSampleId :

TP-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		957202		
137	11.0		8.6	13.0	
54	6.5		5.2	7.8	
68	7.5		5.8	8.8	

Manual Integrations
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#22

Acetophenone

Concen: 37.552 ng

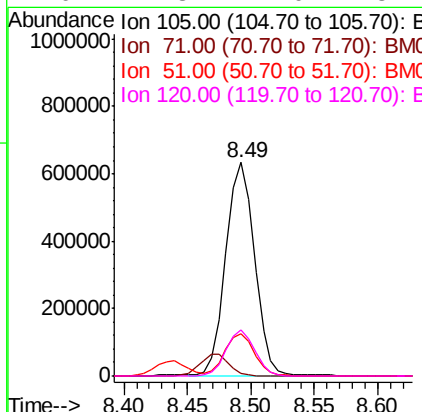
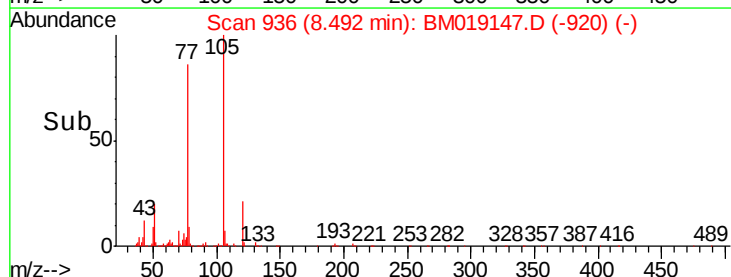
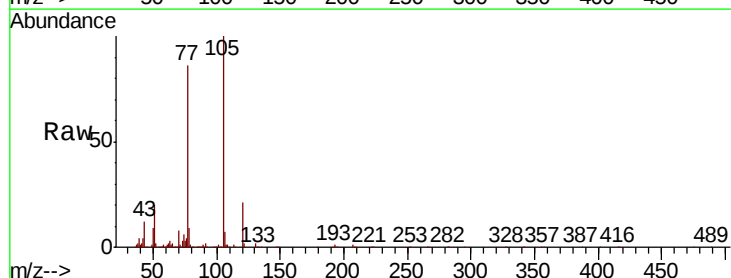
RT: 8.49 min Scan# 936

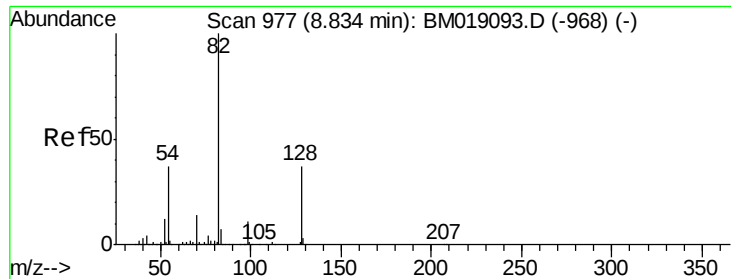
Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		993360		
71	1.3		0.8	1.2#	
51	20.1		15.8	23.6	
120	21.3		17.0	25.4	





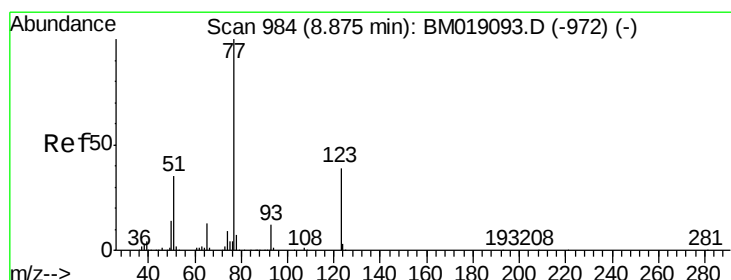
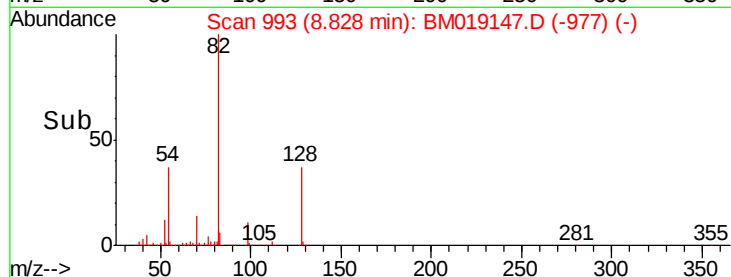
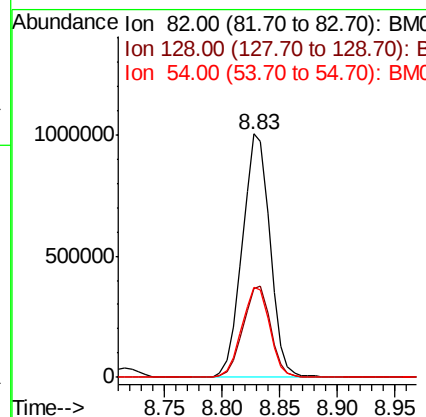
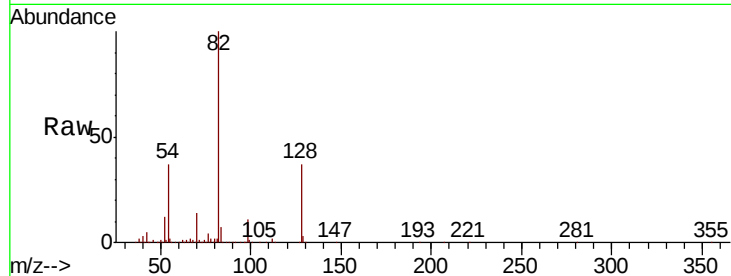
#23
 Nitrobenzene-d5
 Concen: 82.733 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampled :
 TP-24MSD

Tot Ion	82	Resp	1675311
Ion Ratio	100	Lower	Upper
82	100		
128	36.5	29.4	44.2
54	37.1	29.9	44.9

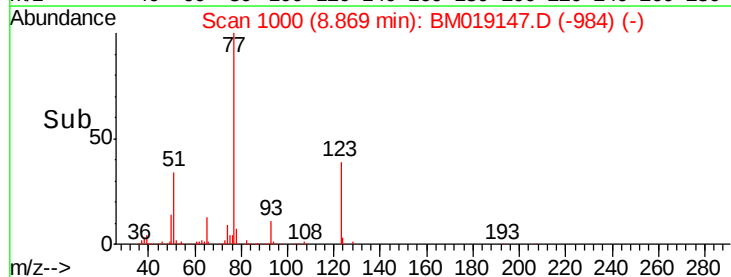
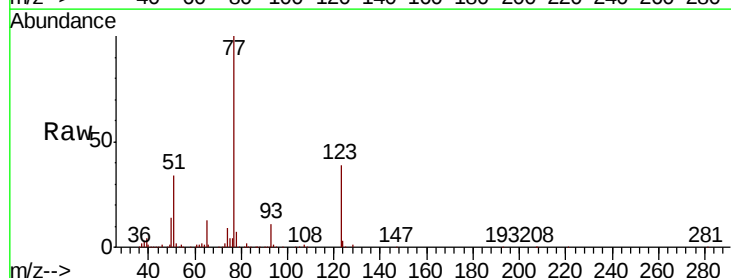
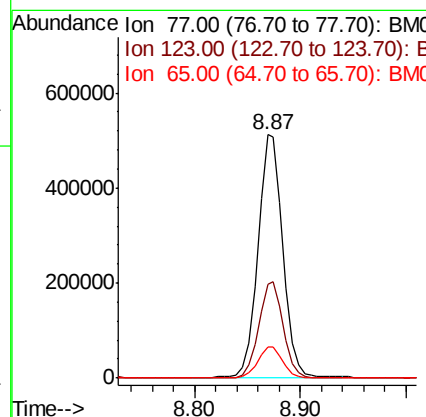
Manual Integrations
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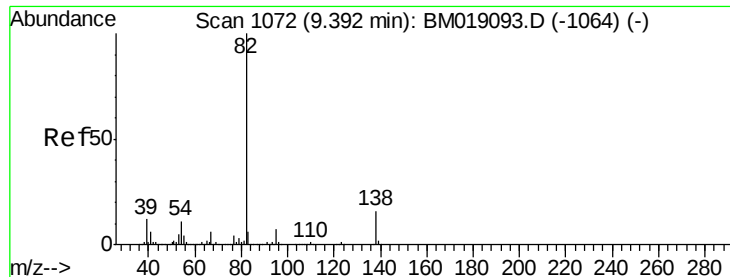
Sohil
 3/14/2019 3:38:00 PM



#24
 Nitrobenzene
 Concen: 39.951 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion	77	Resp	841364
Ion Ratio	100	Lower	Upper
77	100		
123	38.5	31.3	46.9
65	12.8	10.5	15.7





#25

Isophorone

Concen: 41.282 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion: 82 Resp: 1595133

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

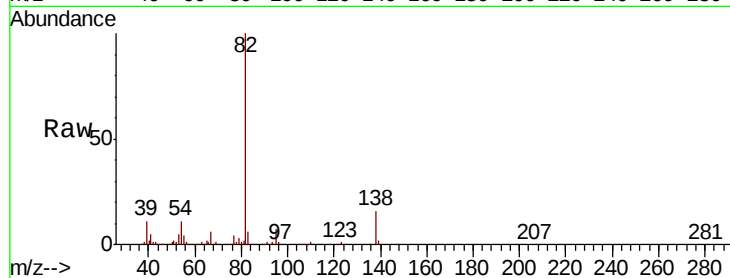
138 16.0 12.6 18.8

Manual Integrations

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Sohil

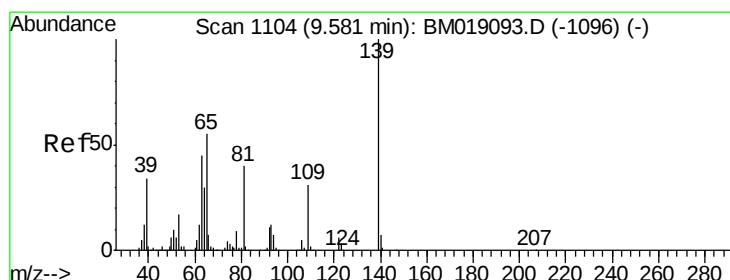
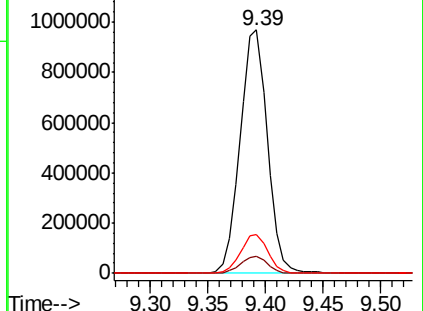
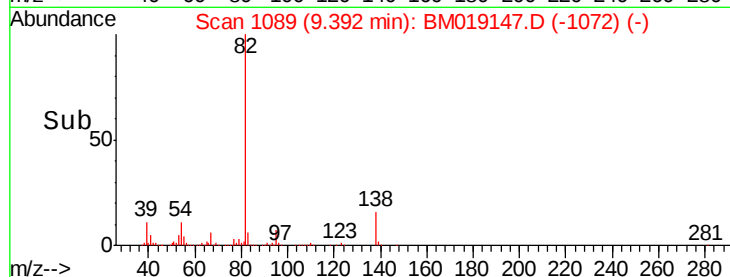
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Abundance Ion 82.00 (81.70 to 82.70): BM019147.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM019147.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM019147.D (-1072) (-)



#26

2-Nitrophenol

Concen: 41.708 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

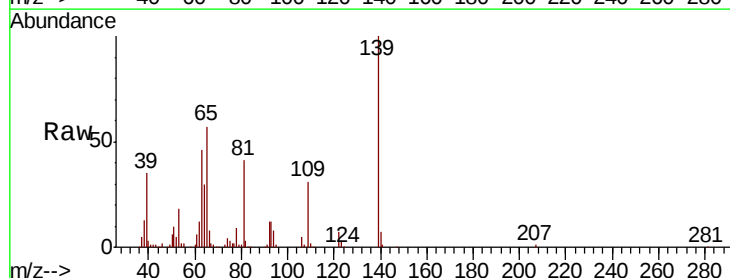
Tgt Ion: 139 Resp: 364087

Ion Ratio Lower Upper

139 100

109 30.8 24.5 36.7

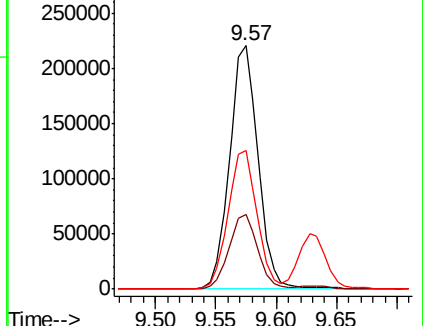
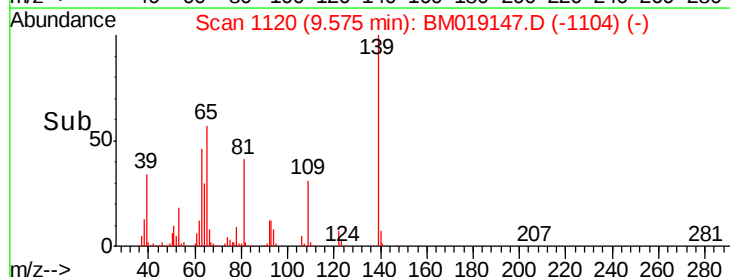
65 56.8 44.4 66.6

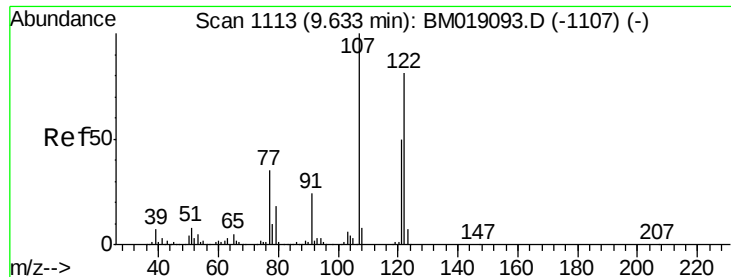


Abundance Ion 139.00 (138.70 to 139.70): BM019147.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM019147.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM019147.D (-1104) (-)





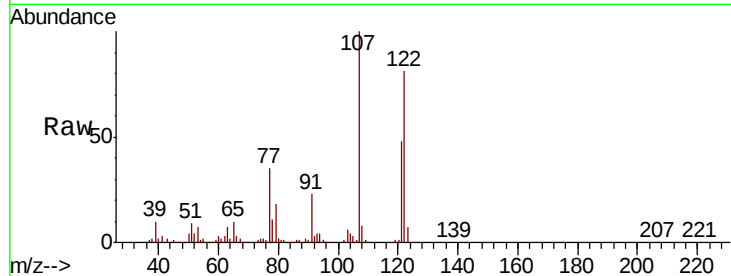
#27
2,4-Dimethylphenol
Concen: 50.600 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	656671		
107	123.5	98.2	147.4	
121	59.0	48.8	73.2	

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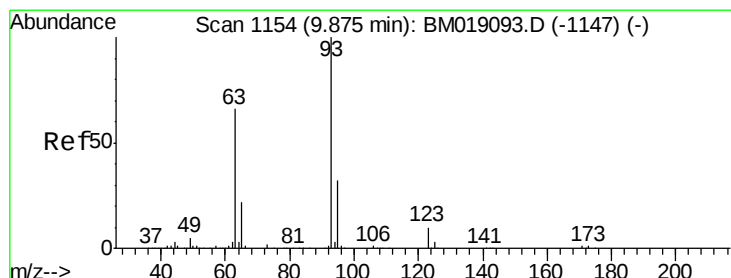
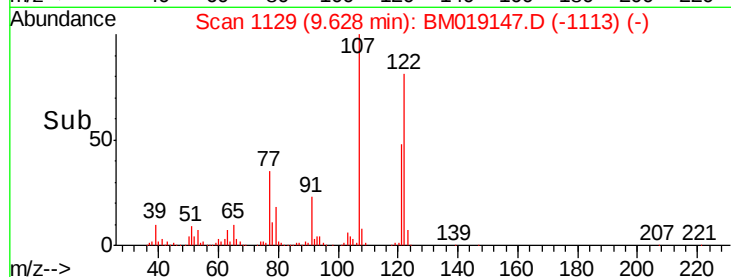
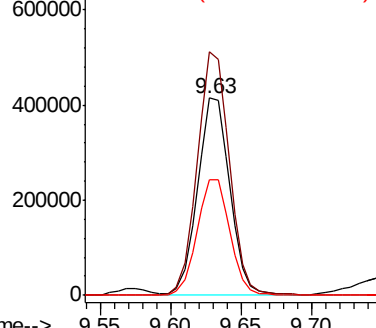


Abundance

Ion 122.00 (121.70 to 122.70): E

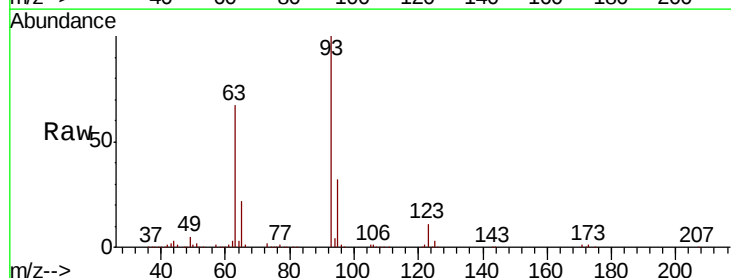
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.844 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	934474		
95	32.0	25.8	38.8	
123	10.5	7.9	11.9	

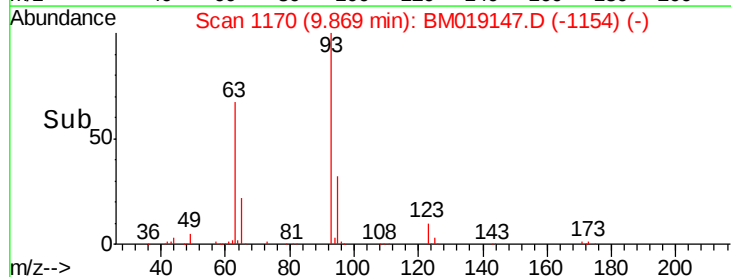
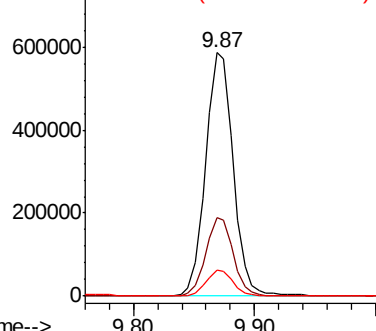


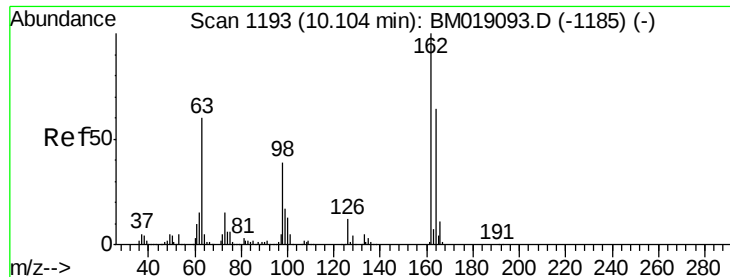
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





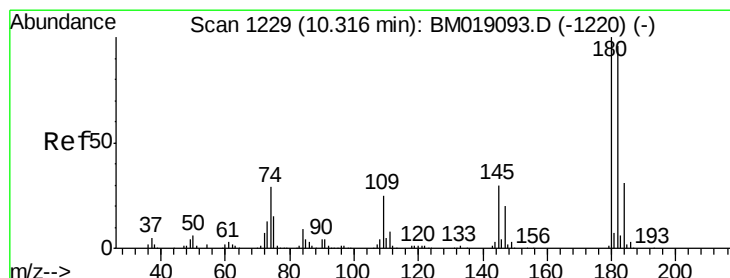
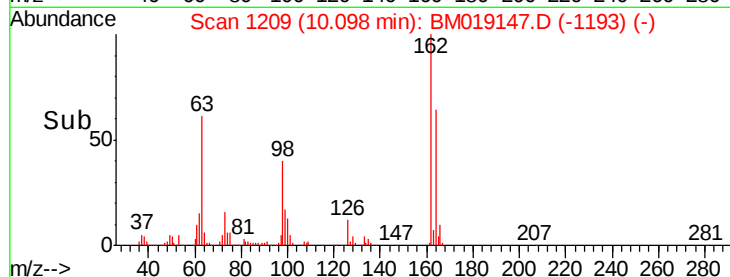
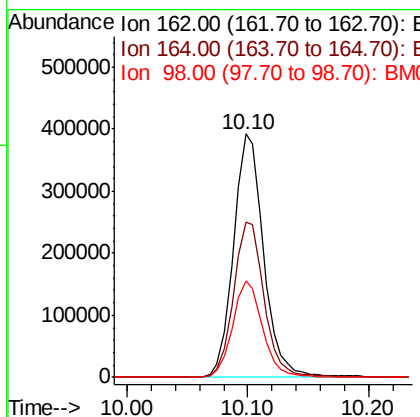
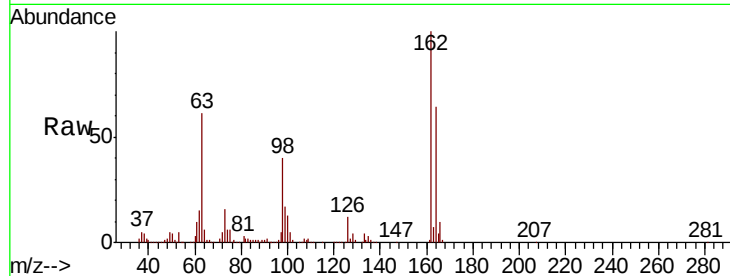
#29
 2,4-Dichlorophenol
 Concen: 47.432 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampled :
 TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	681746		
164	63.6	43.5	83.5	
98	39.6	19.1	59.1	

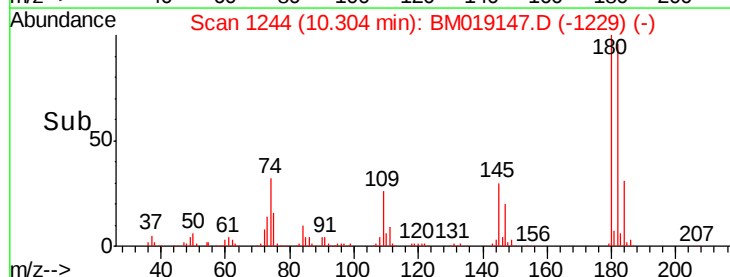
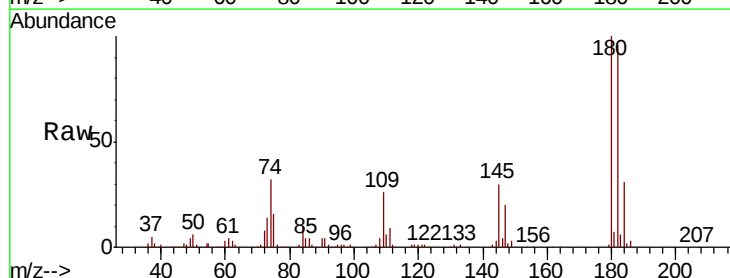
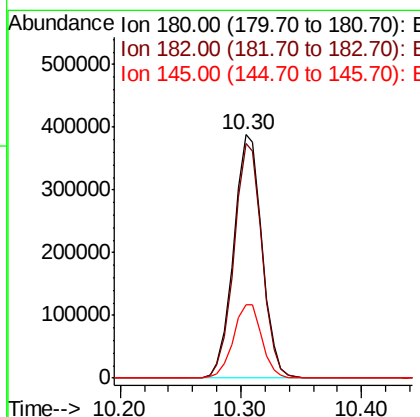
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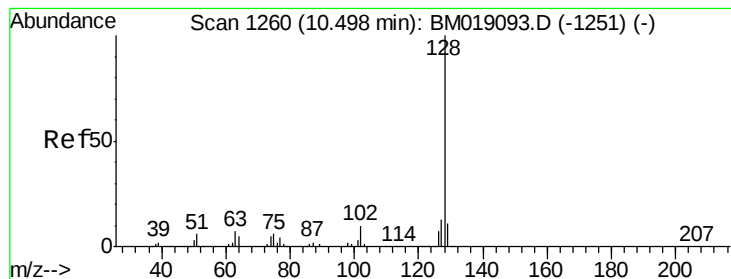
Sohil
 3/14/2019 3:38:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.251 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	636135		
182	96.3	76.6	114.8	
145	30.0	24.3	36.5	





#31

Naphthalene

Concen: 39.355 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampled :

TP-24MSD

Tot Ion:128 Resp: 1985546

Ion Ratio Lower Upper

128 100

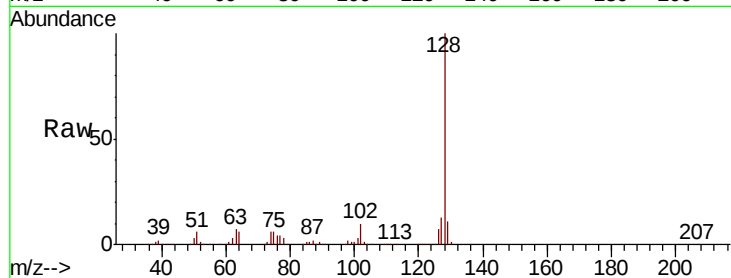
129 10.9 8.6 13.0

127 13.2 10.4 15.6

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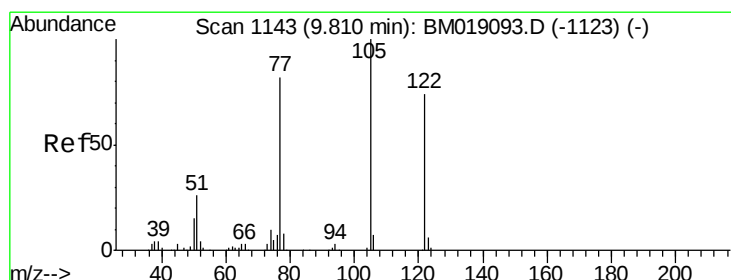
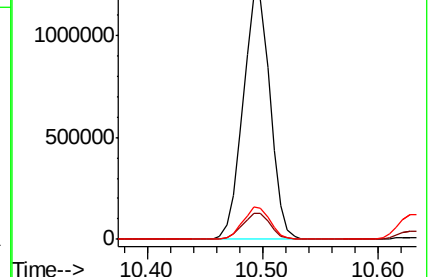
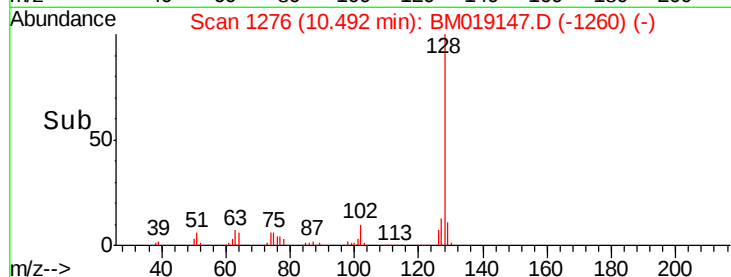
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.592 ng m

RT: 9.77 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

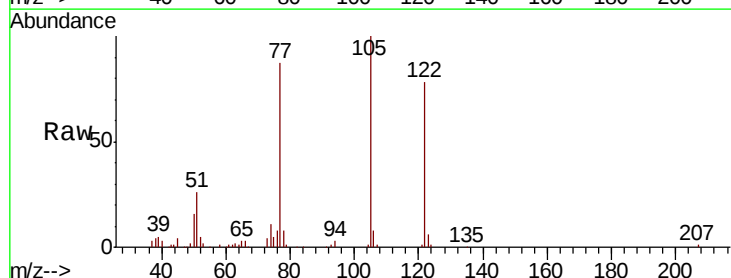
Tgt Ion:122 Resp: 215334

Ion Ratio Lower Upper

122 100

105 128.4 113.0 153.0

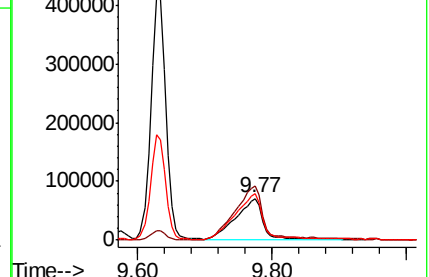
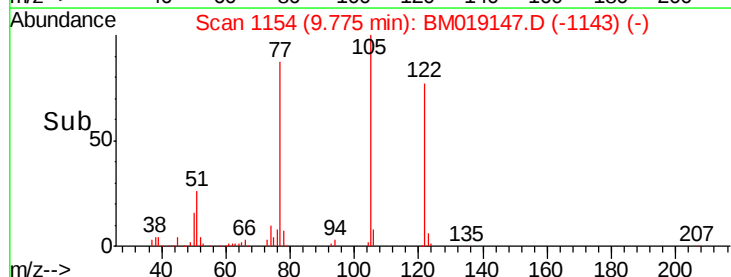
77 112.2 90.1 130.1

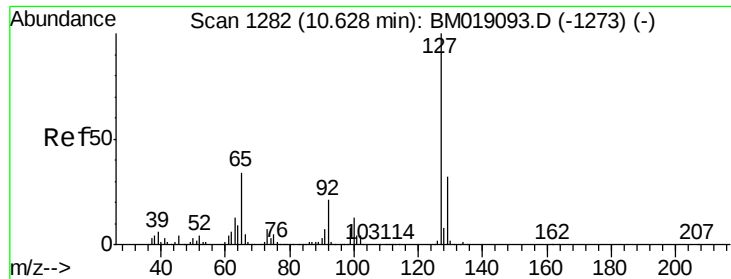


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





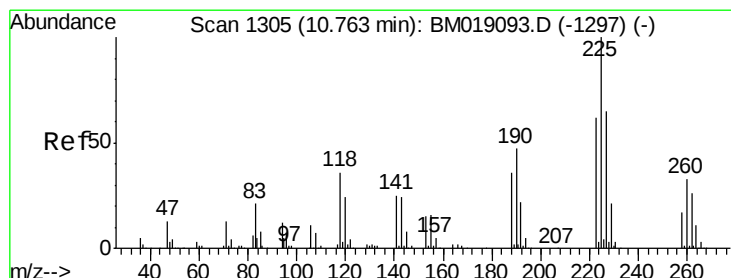
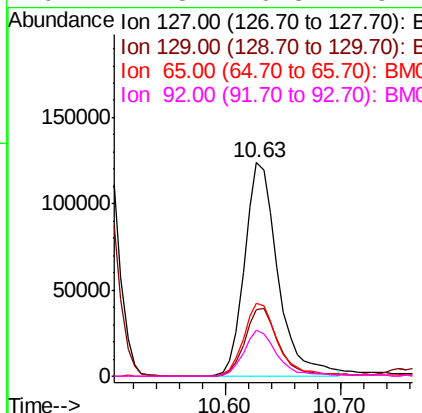
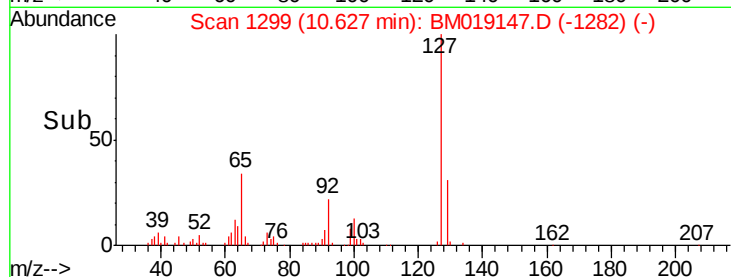
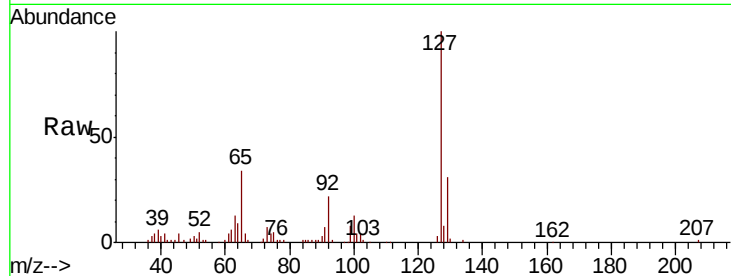
#33
4-Chloroaniline
Concen: 12.047 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	25.3	37.9	
65	33.9	27.4	41.2	
92	21.8	16.8	25.2	

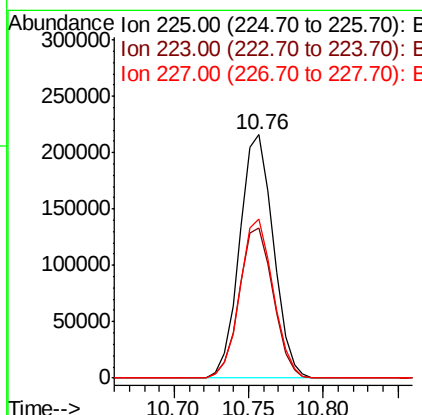
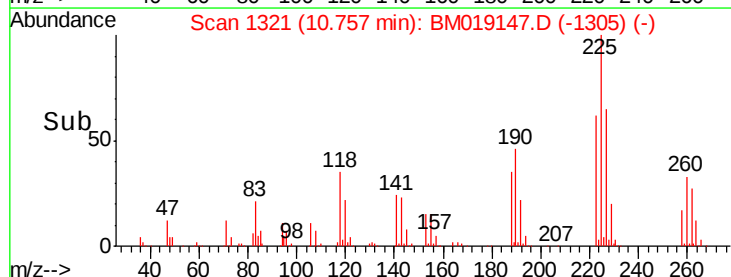
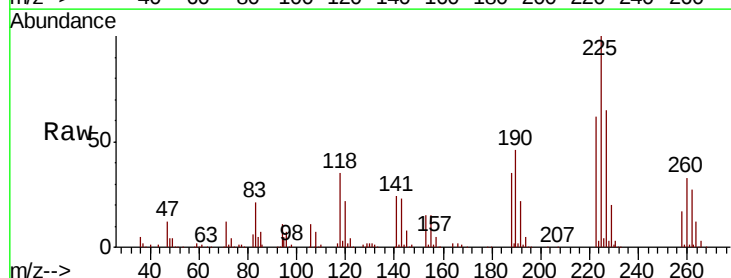
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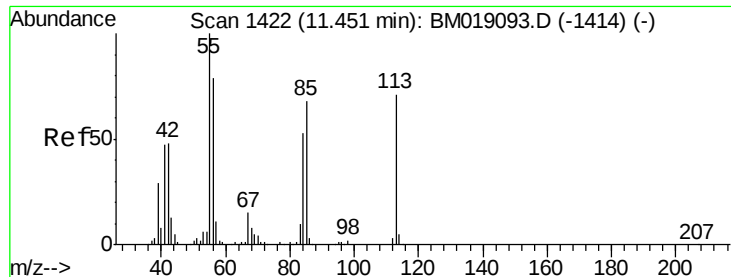
Sohil
3/14/2019 3:38:00 PM



#34
Hexachlorobutadiene
Concen: 36.431 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	49.4	74.0	
227	65.4	51.6	77.4	





#35

Caprolactam

Concen: 46.130 ng/mL

RT: 11.45 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

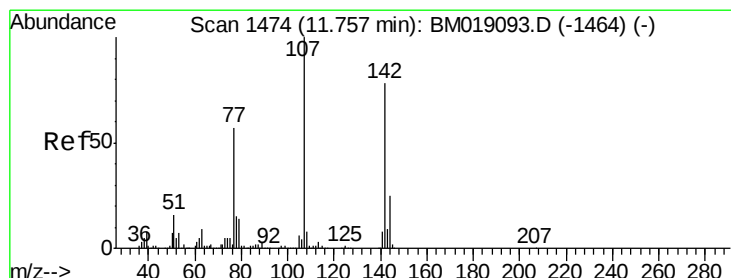
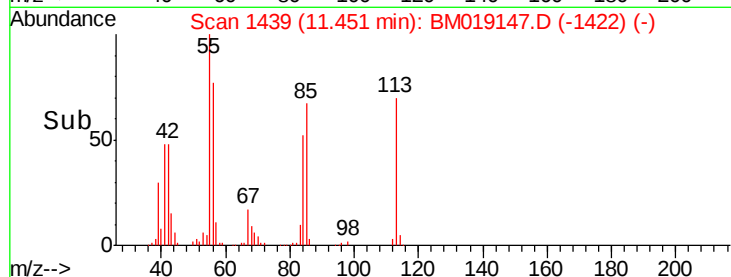
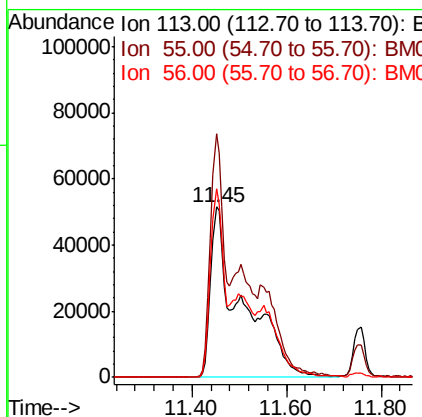
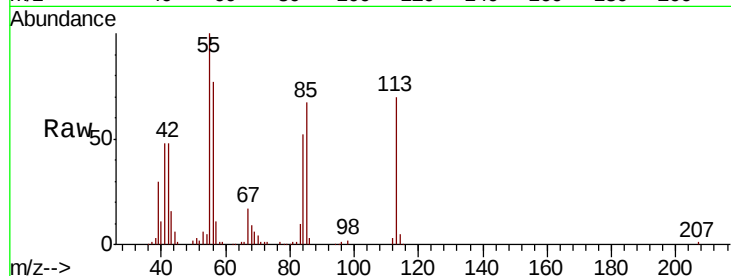
ClientSampled :

TP-24MSD

Tot Ion:	113	Resp:	236185
Ion Ratio	Lower	Upper	
113	100		
55	142.8	120.1	160.1
56	110.3	90.1	130.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.076 ng/mL

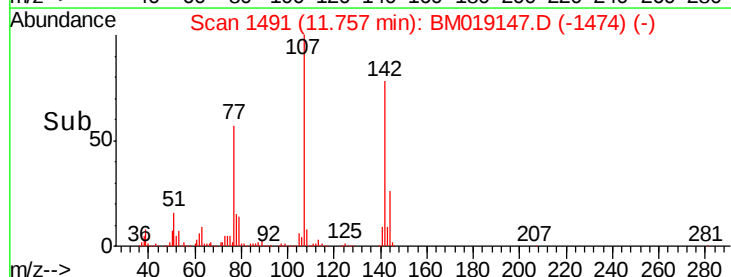
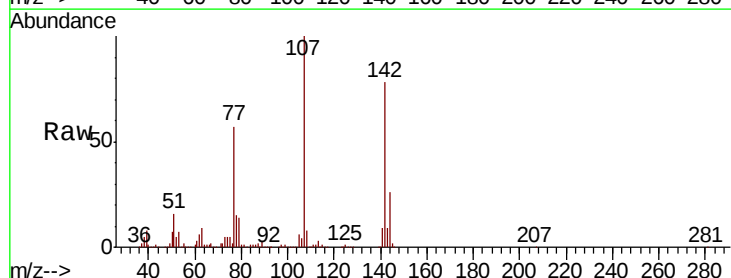
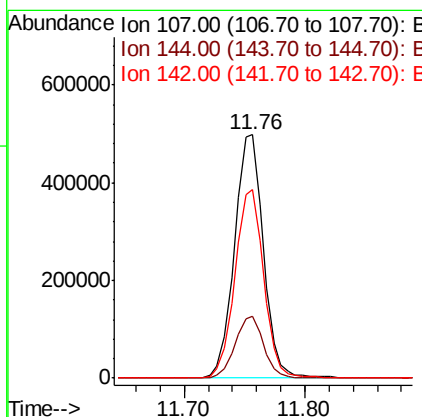
RT: 11.76 min Scan# 1491

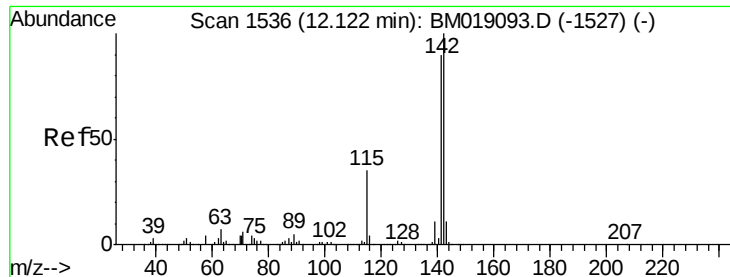
Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:	107	Resp:	834882
Ion Ratio	Lower	Upper	
107	100		
144	25.6	20.2	30.4
142	77.6	62.4	93.6





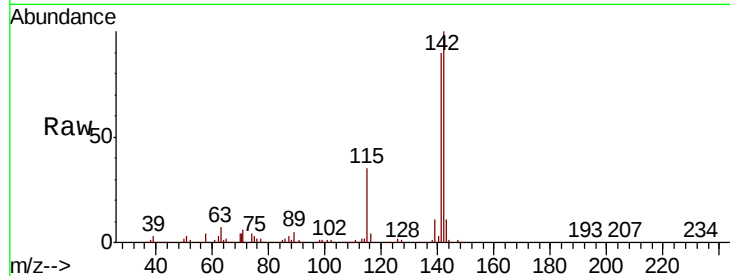
#37
2-Methylnaphthalene
Concen: 41.895 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	35.0	27.8	41.8

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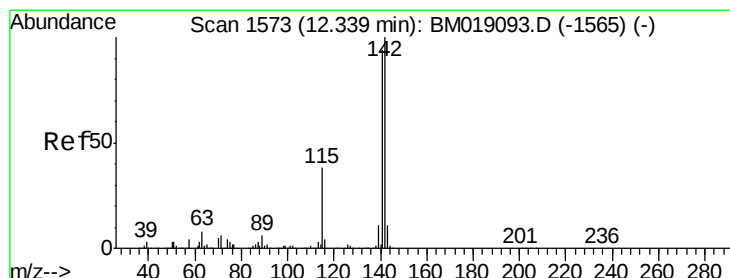
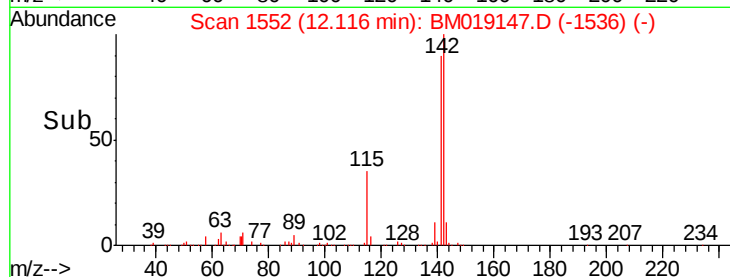
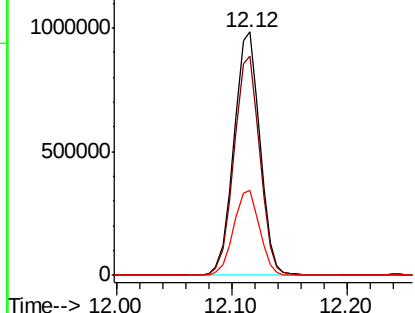


Abundance

Ion 142.00 (141.70 to 142.70): E

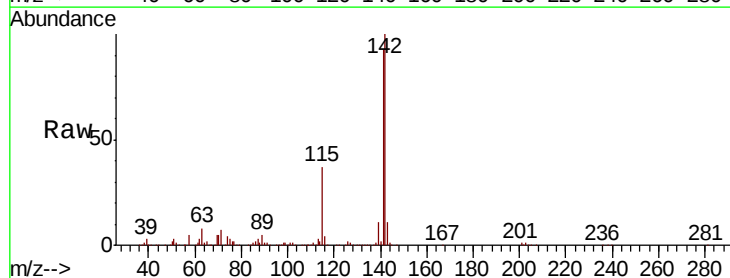
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.005 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.9	112.3
116	3.8	3.2	4.8

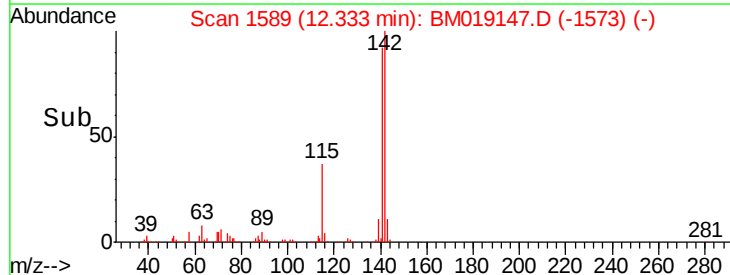
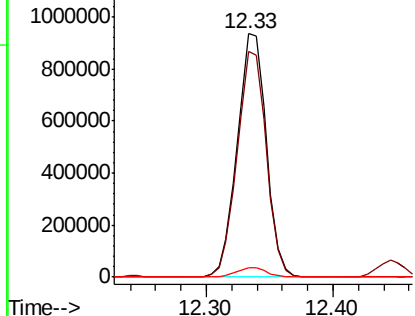


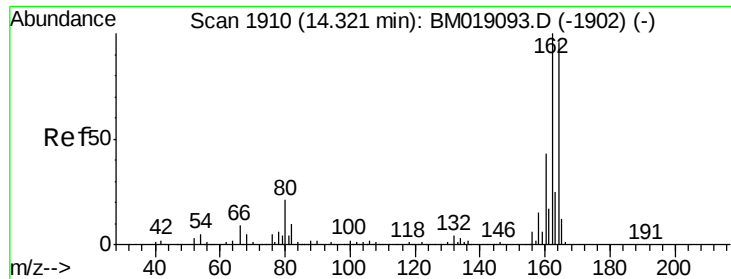
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





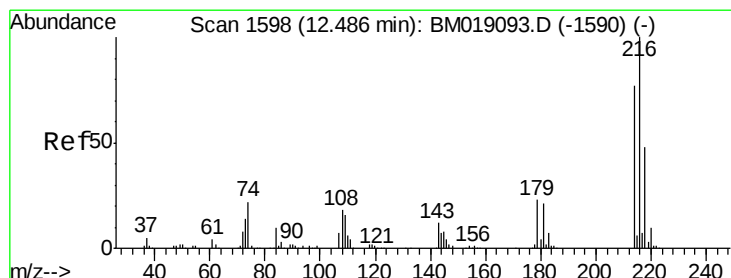
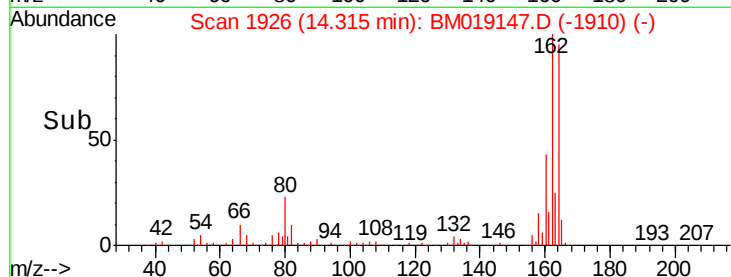
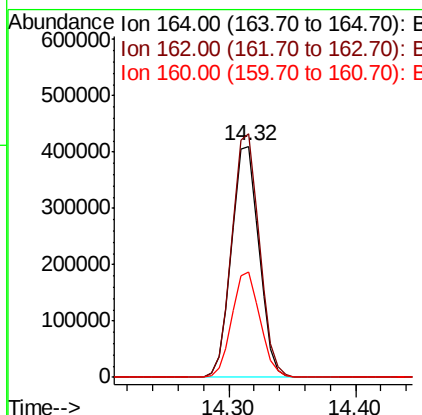
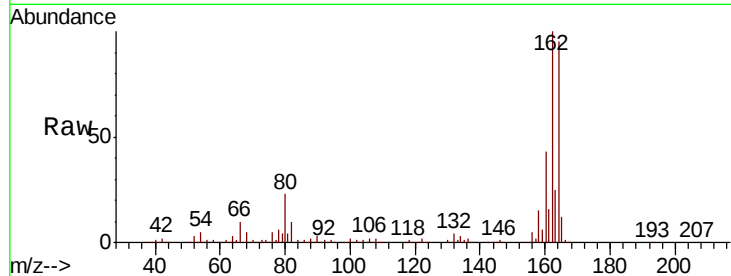
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.4	83.5	125.3	
160	45.6	36.3	54.5	

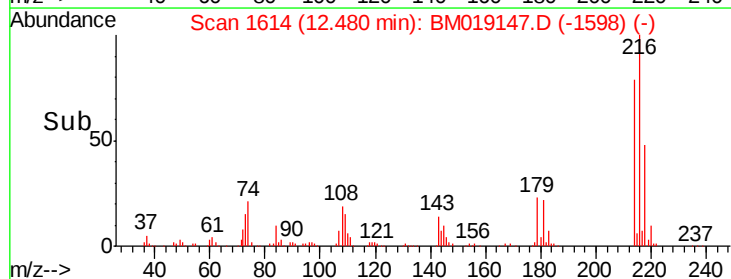
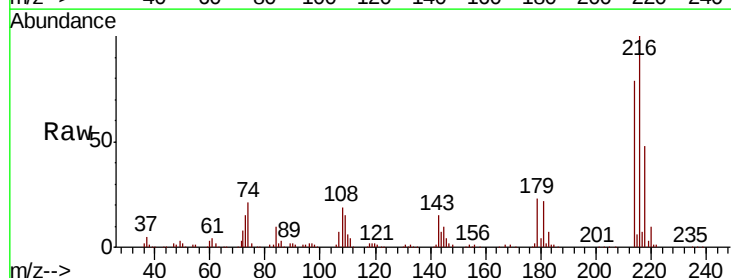
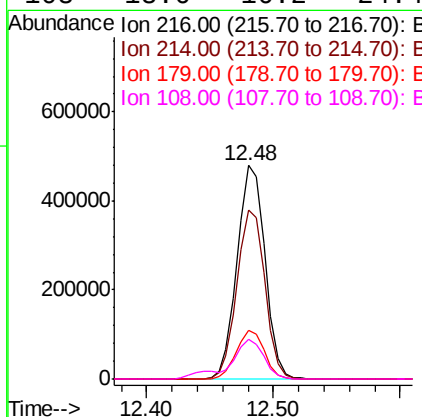
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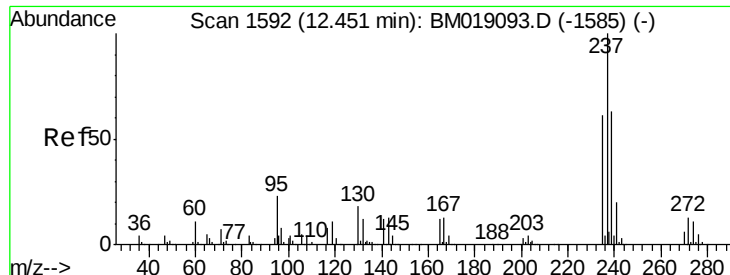
Sohil
3/14/2019 3:38:00 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.717 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	62.9	94.3	
179	22.7	18.0	27.0	
108	18.6	16.2	24.4	





#41

Hexachlorocyclopentadiene

Concen: 87.004 ng

RT: 12.44 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

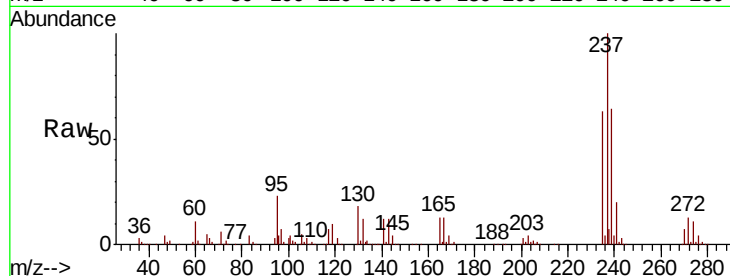
ClientSampleId :

TP-24MSD

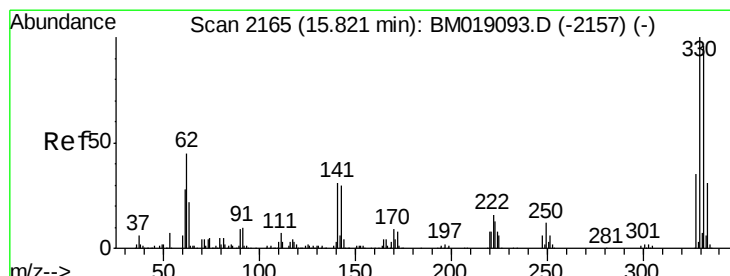
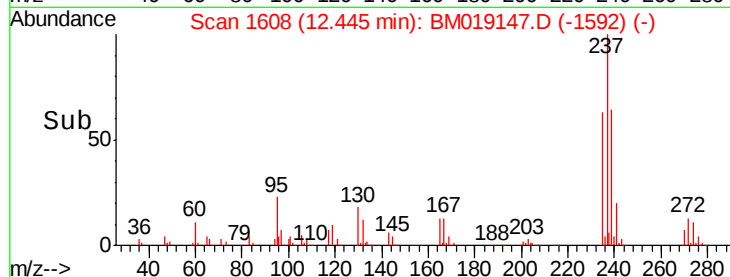
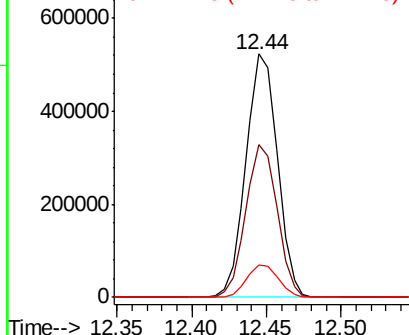
Tot Ion:	237	Resp:	764323
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.3	81.3
272	13.2	0.0	33.1

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



#42

2,4,6-Tribromophenol

Concen: 141.274 ng

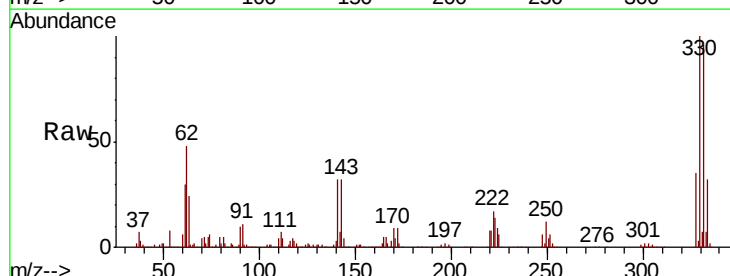
RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

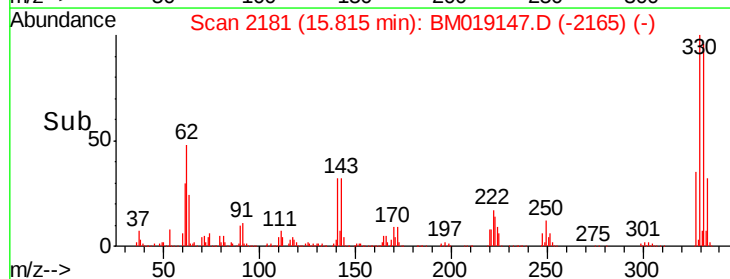
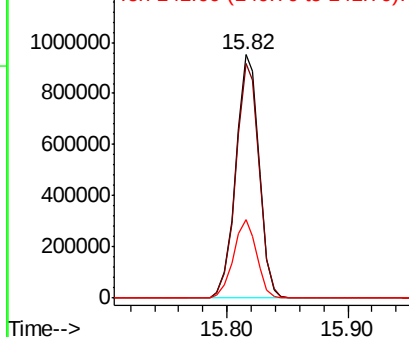
Lab File: BM019147.D

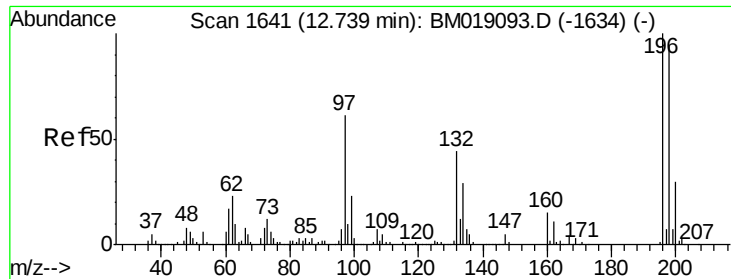
Acq: 13 Mar 2019 15:50

Tgt Ion:	330	Resp:	1278872
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.8	115.2
141	32.3	27.0	40.4



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





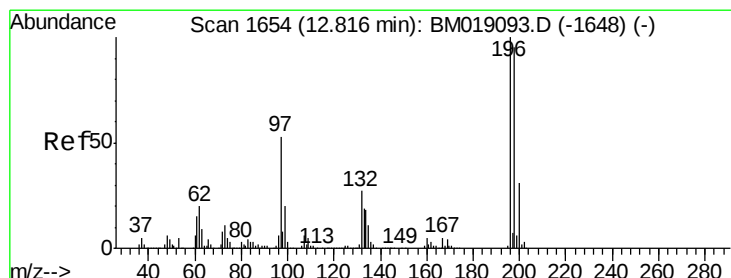
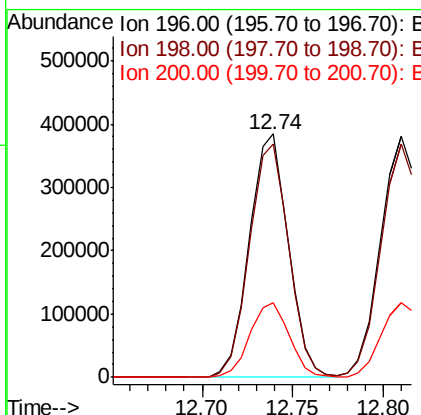
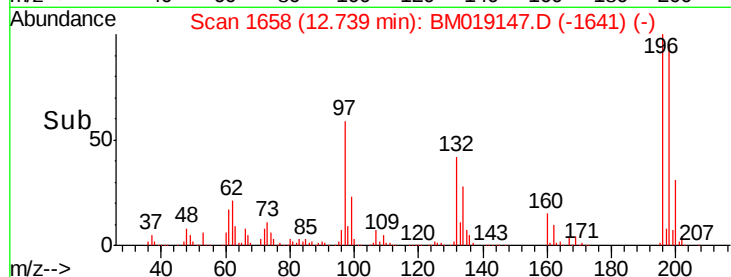
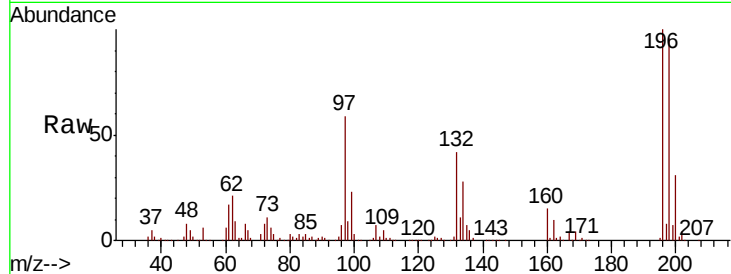
#43
 2,4,6-Trichlorophenol
 Concen: 45.986 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampled :
 TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	576359		
198	95.8	75.4	113.0	
200	30.9	24.2	36.2	

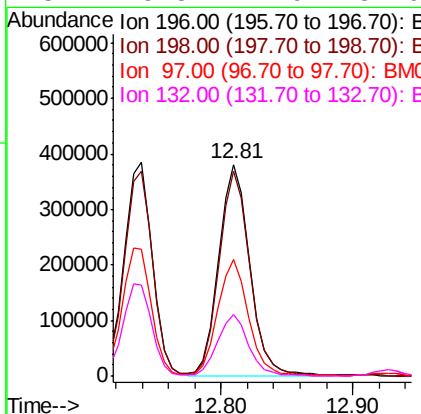
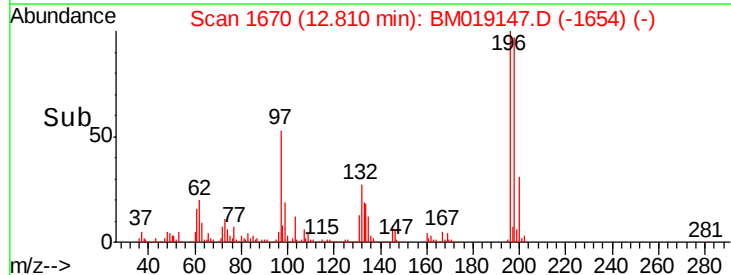
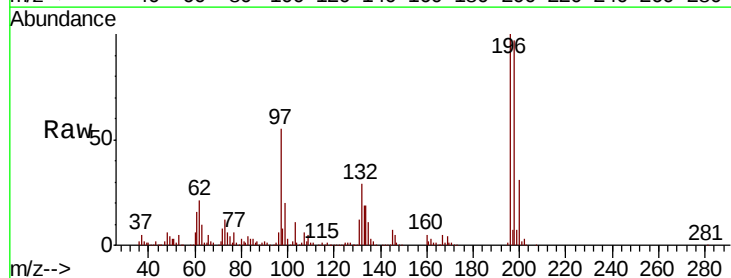
Manual Integrations
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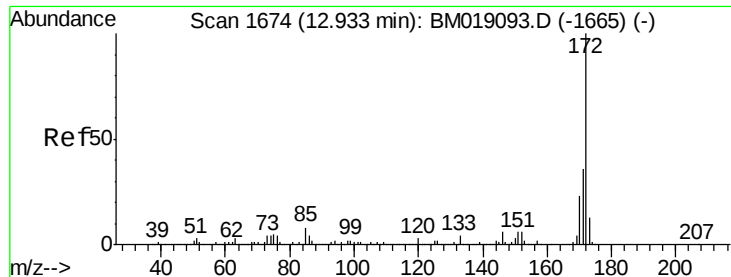
Sohil
 3/14/2019 3:38:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.020 ng m
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	630183		
198	96.7	75.9	113.9	
97	55.0	42.5	63.7	
132	28.8	21.9	32.9	





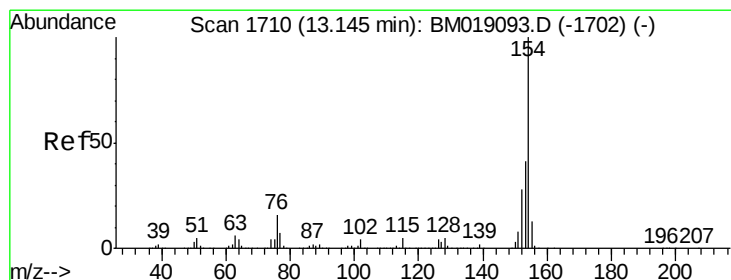
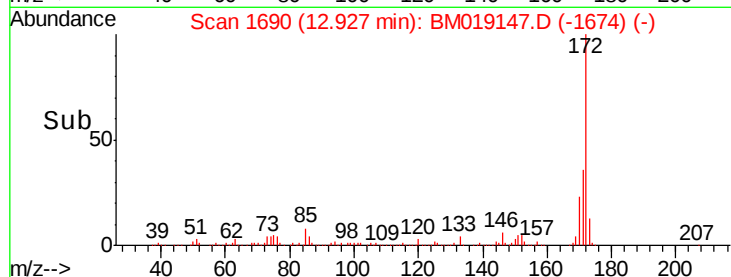
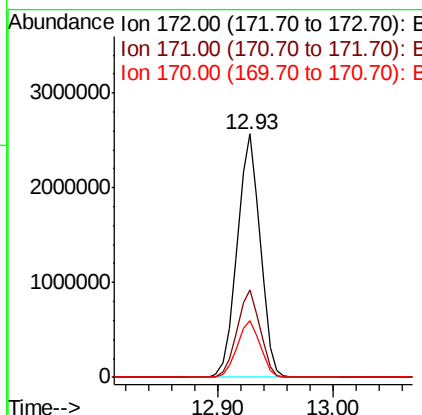
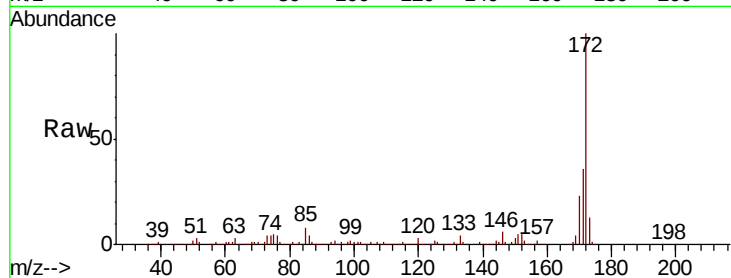
#45
2-Fluorobiphenyl
Concen: 74.977 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.1	18.6	28.0

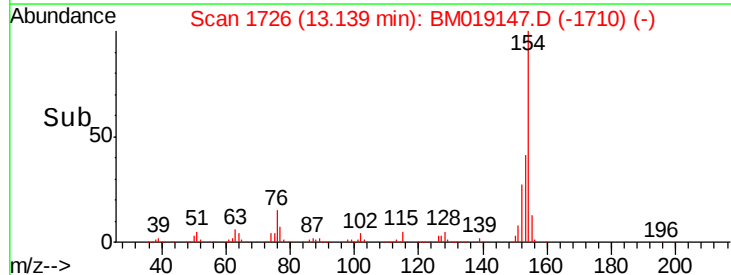
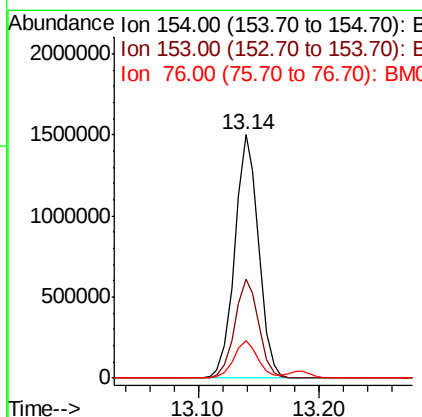
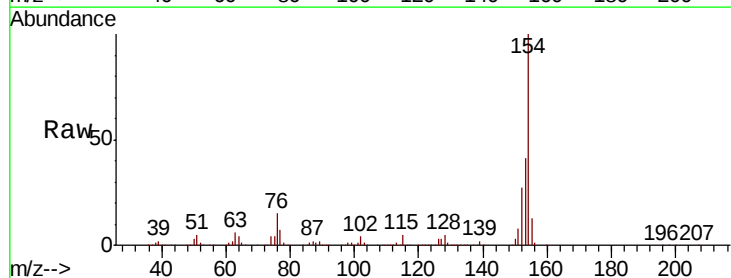
Manual Integrations
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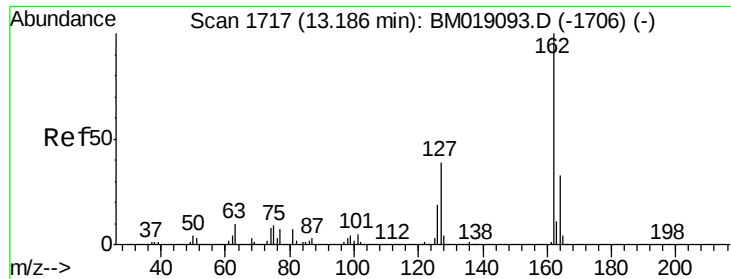
Sohil
3/14/2019 3:38:00 PM



#46
1,1'-Biphenyl
Concen: 38.484 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.5	61.5
76	15.3	0.0	35.8





#47

2-Chloronaphthalene

Concen: 39.764 ng

RT: 13.19 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

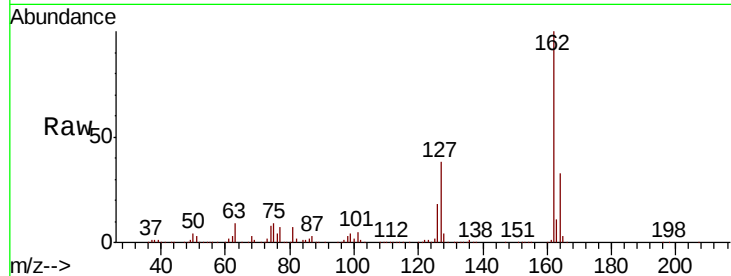
ClientSampleId :

TP-24MSD

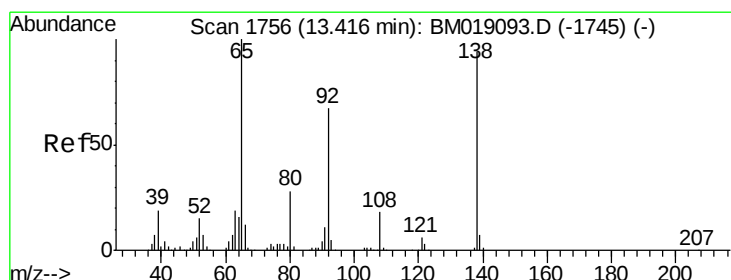
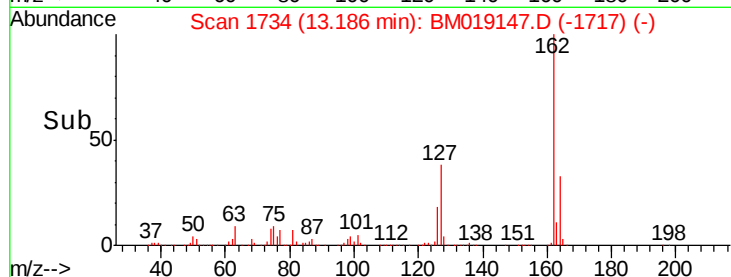
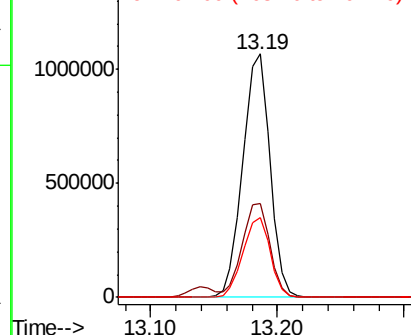
Tot Ion:	162	Resp:	1589246
Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.2	46.8
164	32.8	26.3	39.5

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



#48

2-Nitroaniline

Concen: 44.724 ng

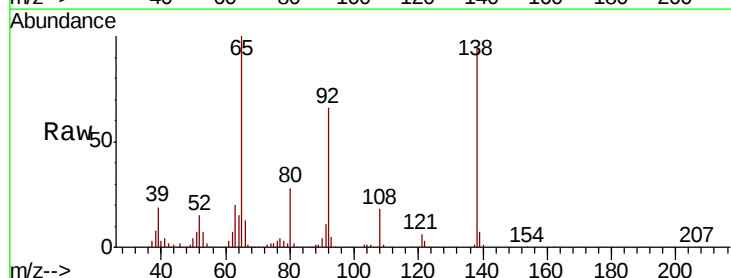
RT: 13.41 min Scan# 1772

Delta R.T. -0.01 min

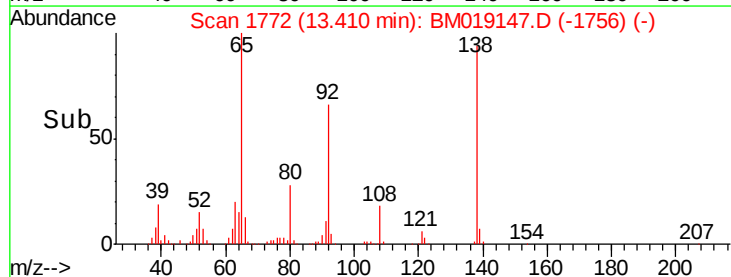
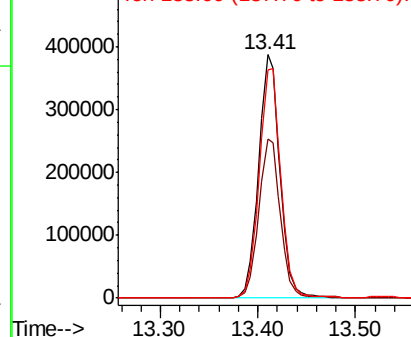
Lab File: BM019147.D

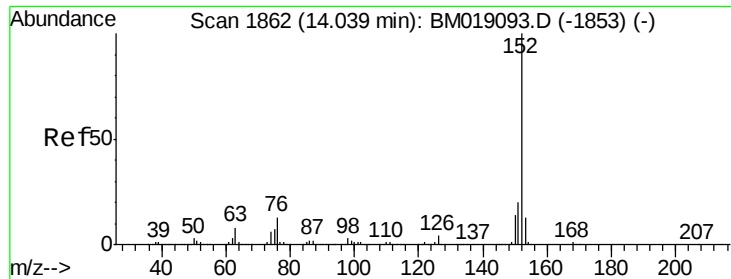
Acq: 13 Mar 2019 15:50

Tgt Ion:	65	Resp:	599472
Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.4	80.2
138	93.5	74.9	112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.343 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:152 Resp: 2658747

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

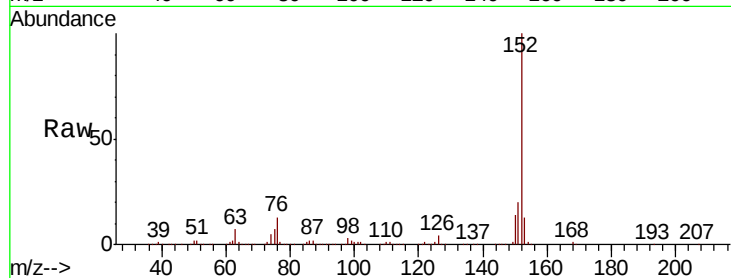
153 13.0 10.6 15.8

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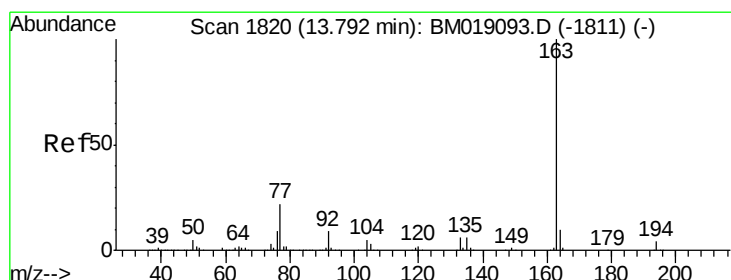
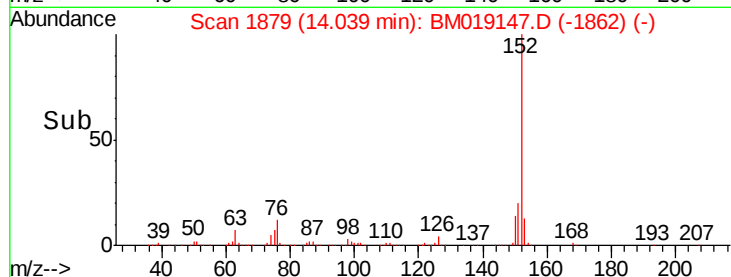
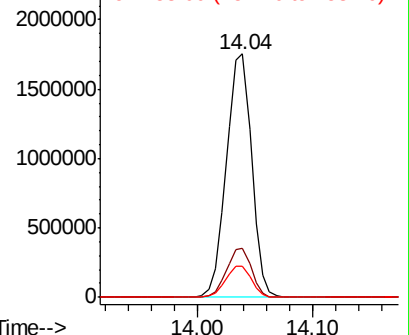
3/14/2019 3:38:00 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.756 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

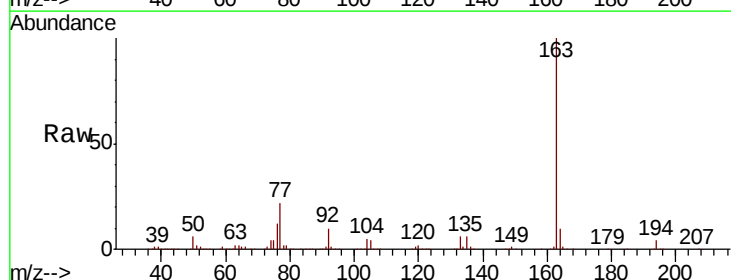
Tgt Ion:163 Resp: 2662100

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

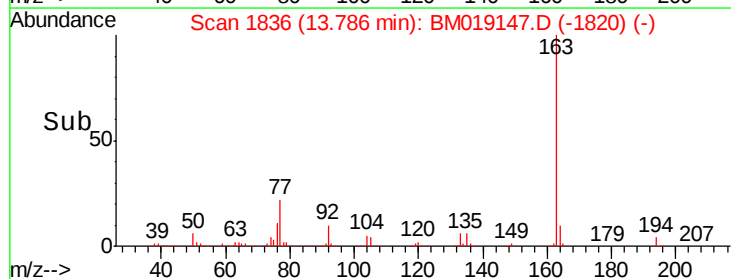
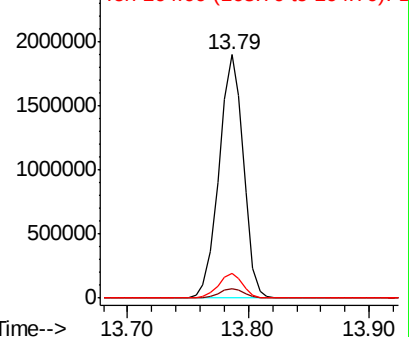
164 10.0 7.7 11.5

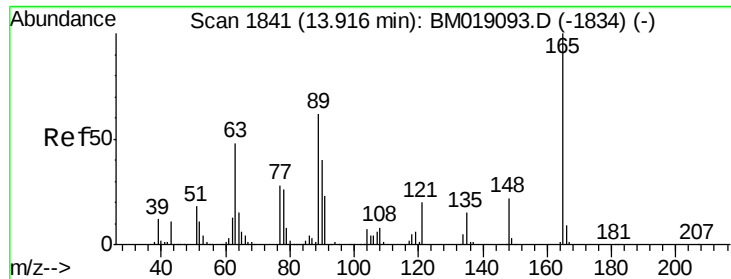


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





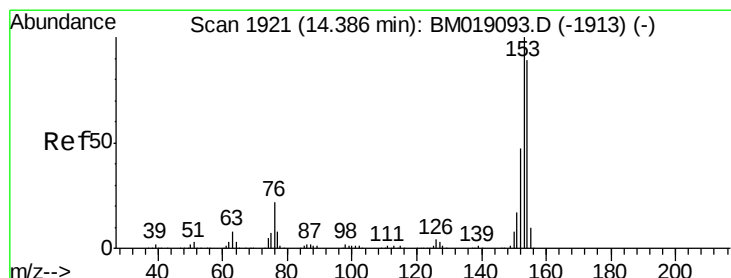
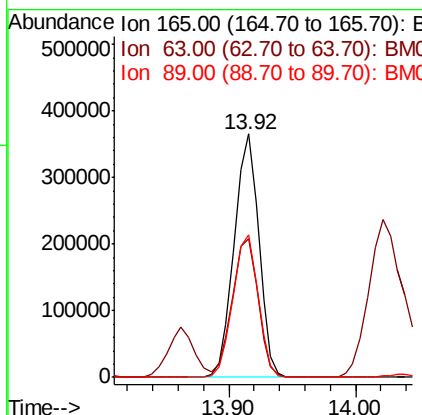
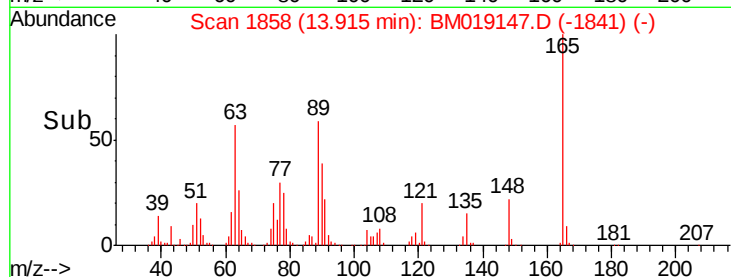
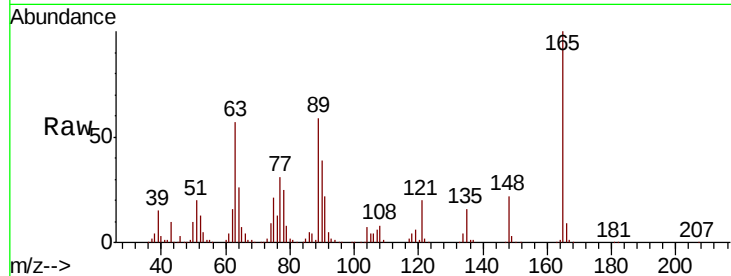
#51
2,6-Dinitrotoluene
Concen: 43.319 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	491147		
63	57.1	48.2	72.4	
89	58.6	49.3	73.9	

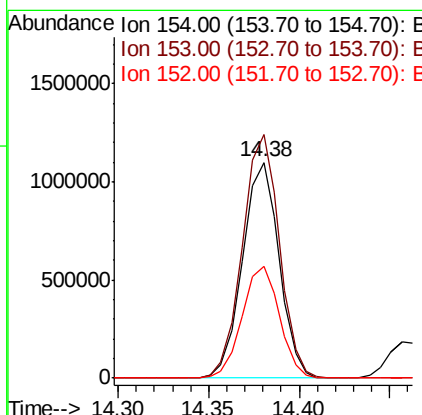
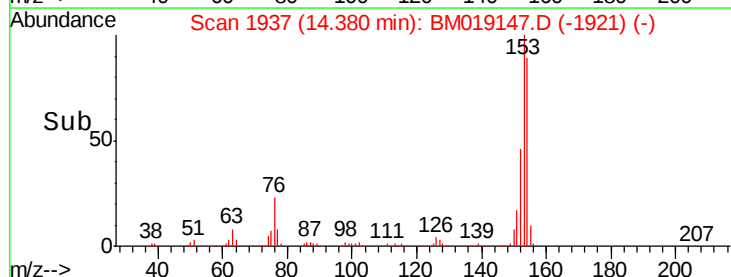
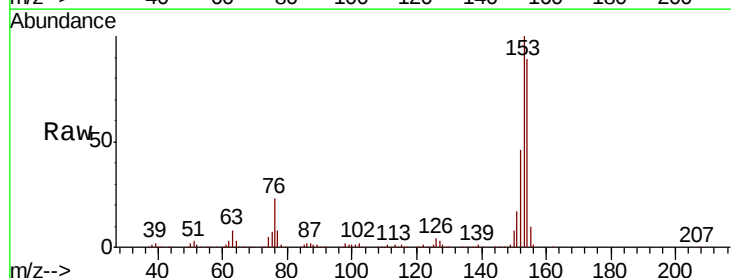
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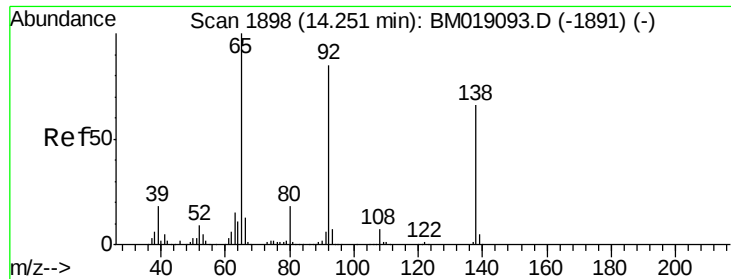
Sohil
3/14/2019 3:38:00 PM



#52
Acenaphthene
Concen: 39.764 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1544075		
153	112.9	90.1	135.1	
152	51.9	42.5	63.7	





#53

3-Nitroaniline

Concen: 23.388 ng

RT: 14.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

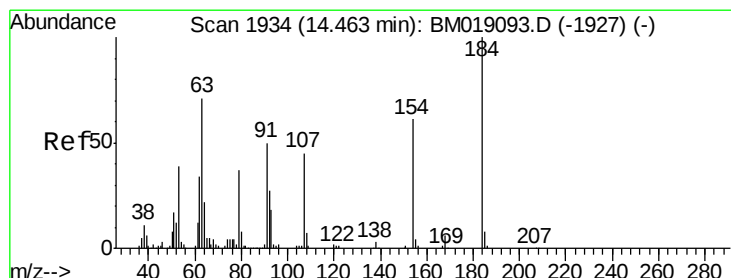
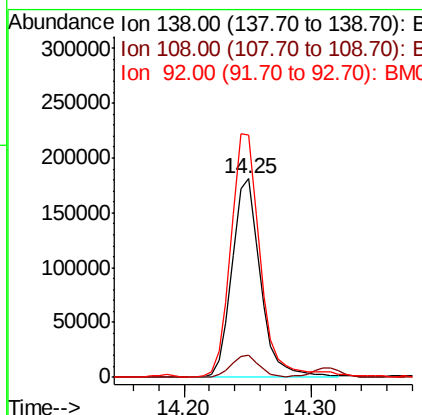
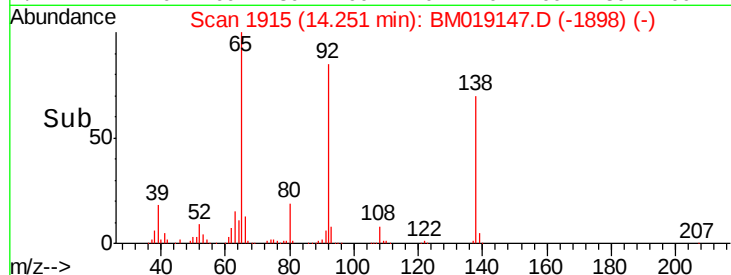
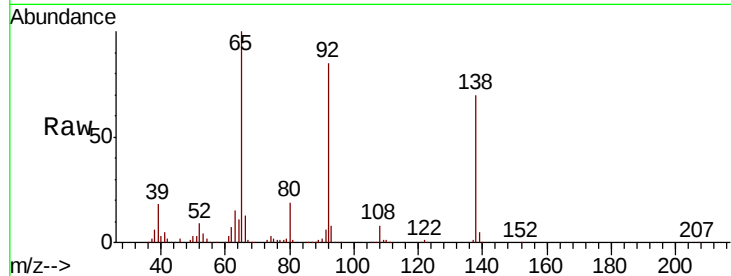
ClientSampleId :

TP-24MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	121.7	102.6	153.8

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#54

2,4-Dinitrophenol

Concen: 68.958 ng

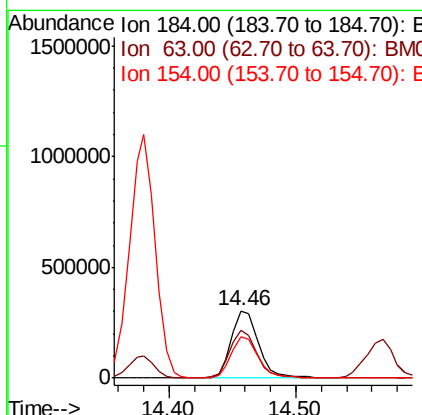
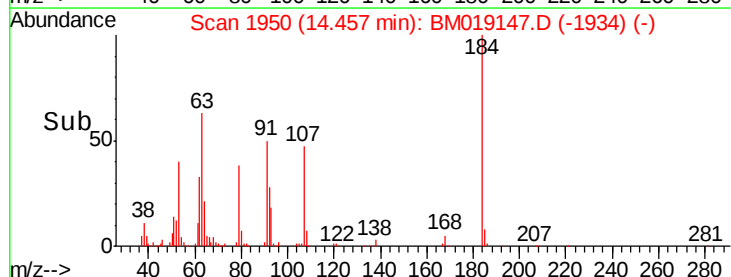
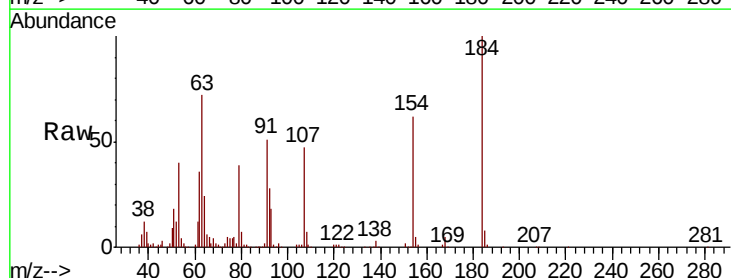
RT: 14.46 min Scan# 1950

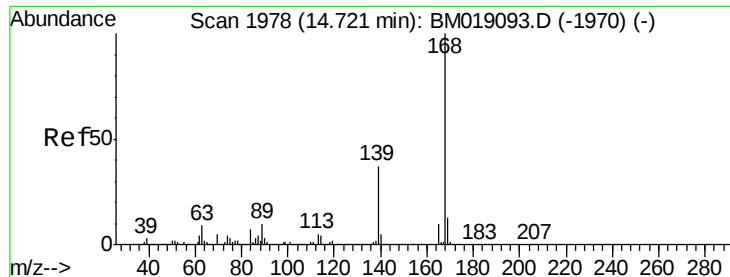
Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.5	56.7	85.1
154	62.1	49.3	73.9





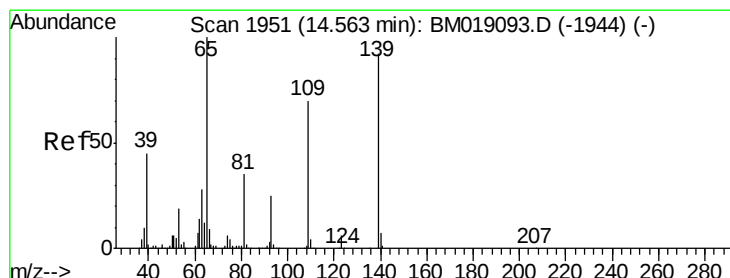
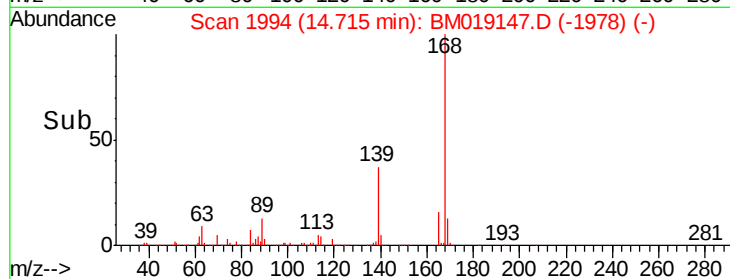
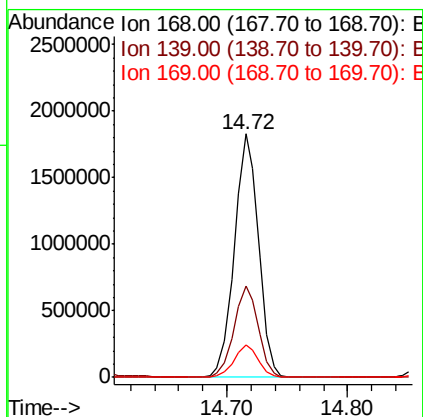
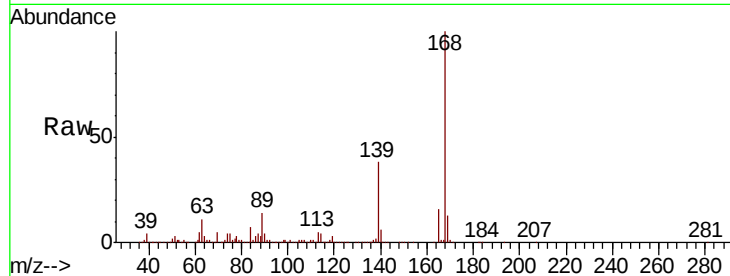
#55
Dibenzofuran
Concen: 40.528 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

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

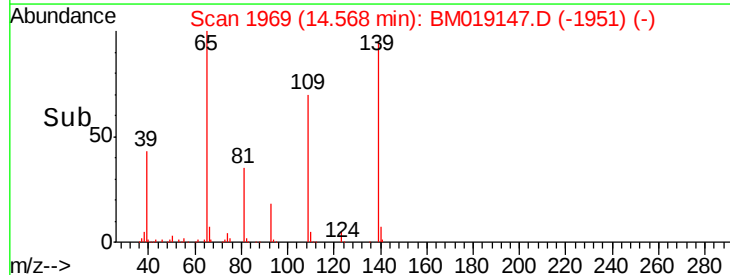
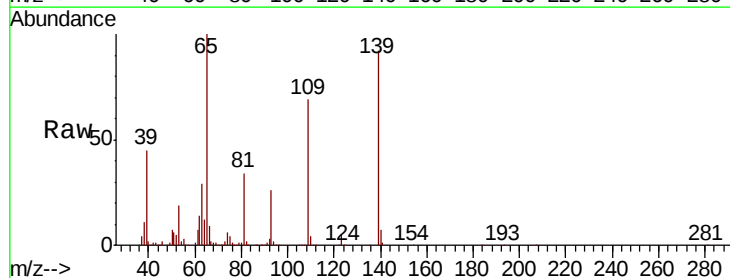
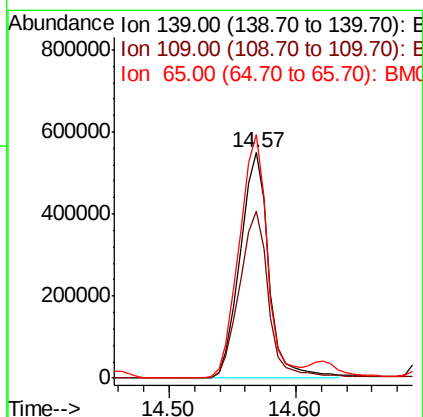
Manual Integrations
APPROVED

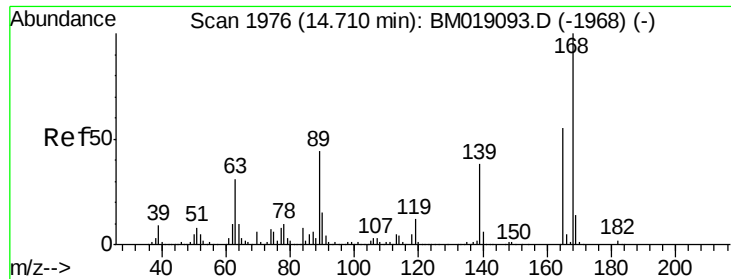
Sohil
3/14/2019 3:38:00 PM



#56
4-Nitrophenol
Concen: 87.920 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.3	56.3	96.3
65	108.1	89.2	129.2





#57

2,4-Dinitrotoluene

Concen: 43.090 ng

RT: 14.70 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

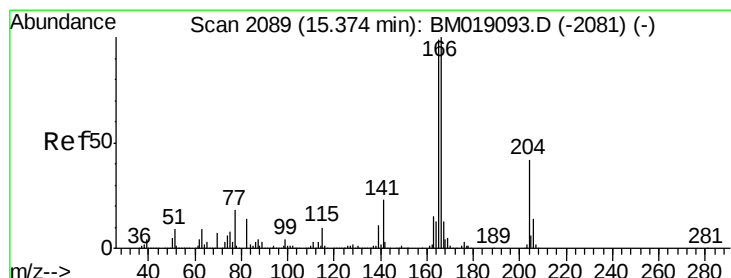
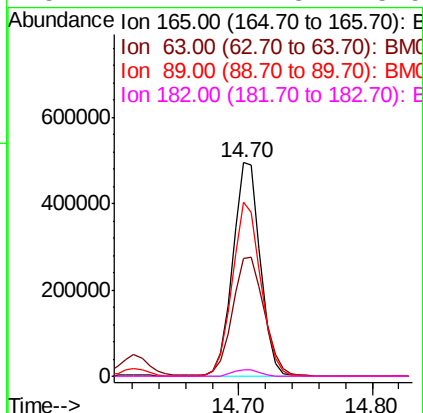
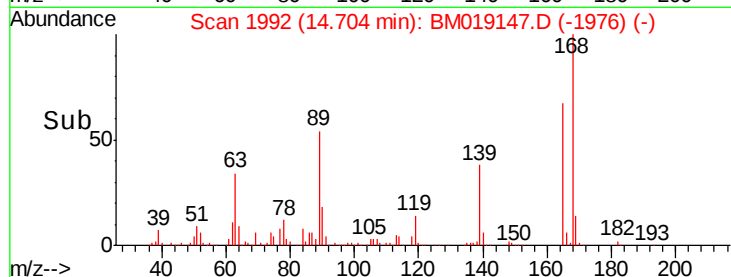
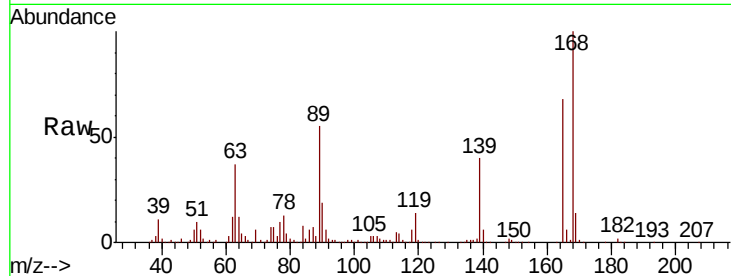
ClientSampleId :

TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	709180		
63	55.0	44.7	67.1	
89	81.3	63.4	95.2	
182	2.7	2.3	3.5	

Manual Integrations
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3/14/2019 3:38:00 PM



#58

Fluorene

Concen: 40.861 ng

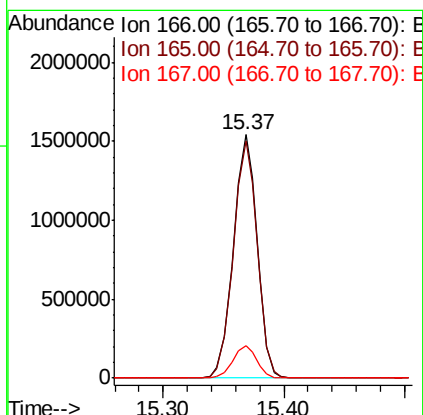
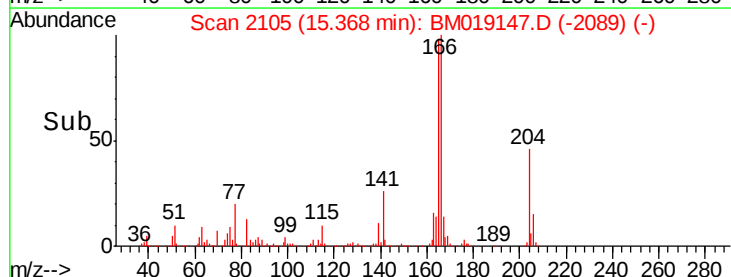
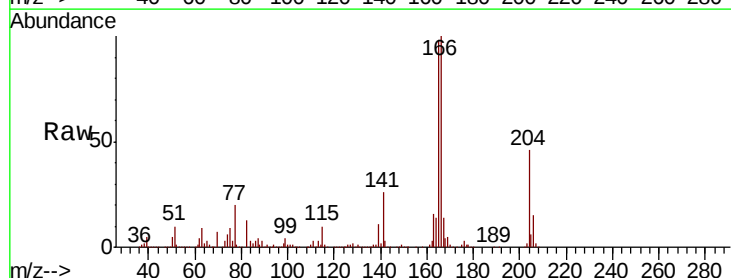
RT: 15.37 min Scan# 2105

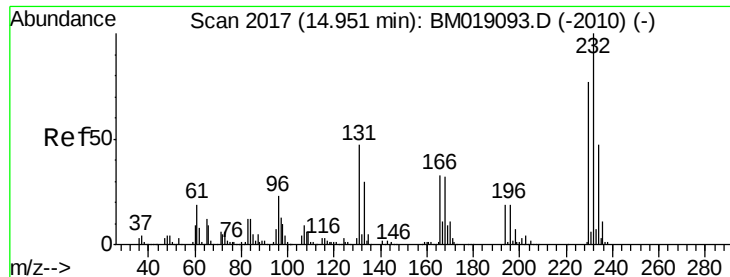
Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2109168		
165	97.6	79.0	118.4	
167	13.5	10.8	16.2	





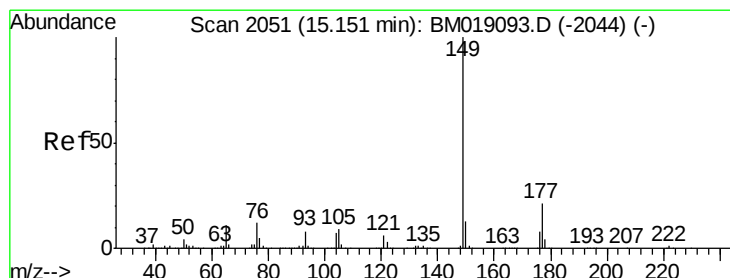
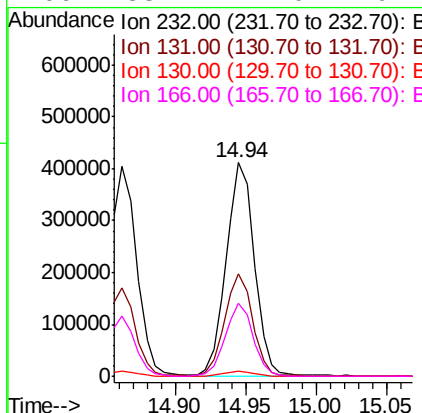
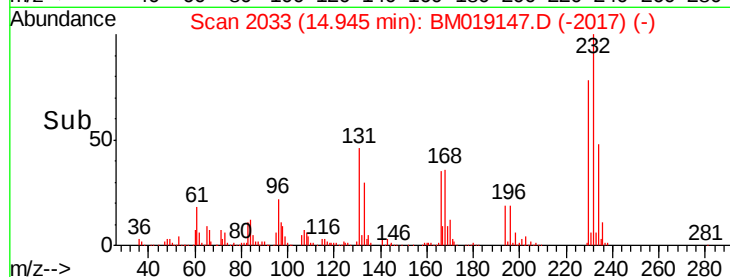
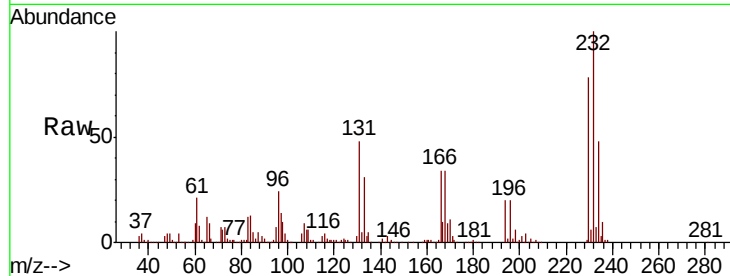
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.517 ng
RT: 14.94 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion:	232	Resp:	567915
Ion Ratio	Lower	Upper	
232	100		
131	47.5	38.2	57.2
130	2.5	1.9	2.9
166	33.7	27.0	40.4

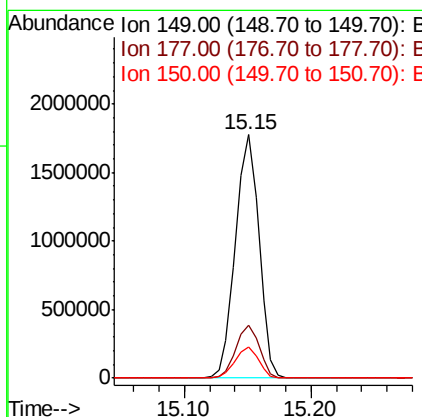
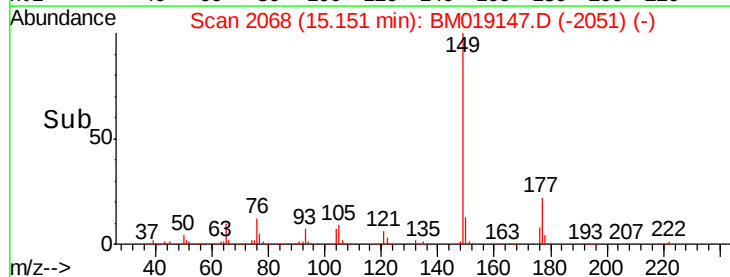
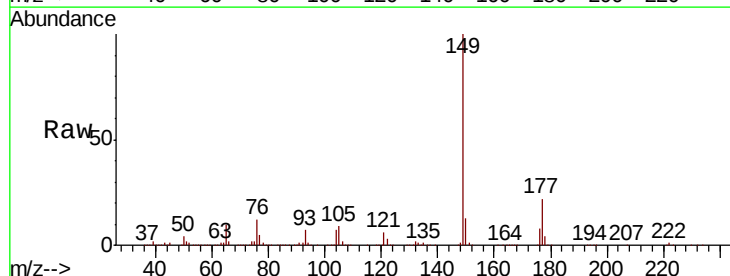
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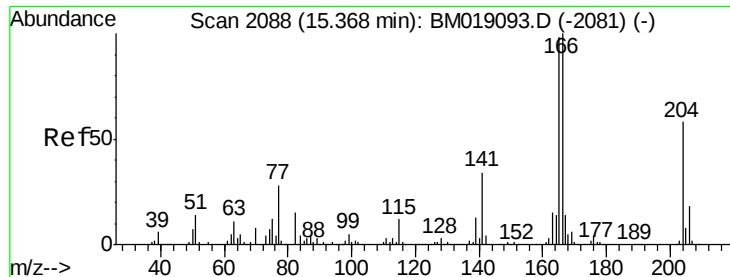
Sohil
3/14/2019 3:38:00 PM



#60
Diethylphthalate
Concen: 42.870 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:	149	Resp:	2277224
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.0	25.6
150	12.7	10.2	15.4





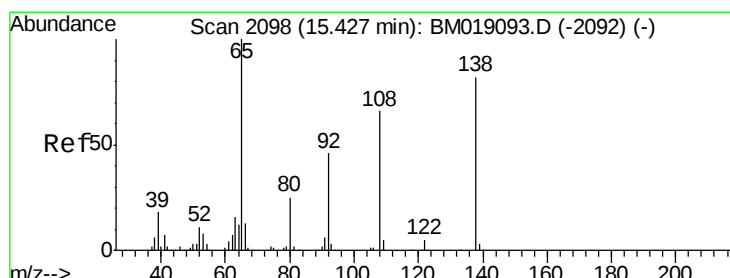
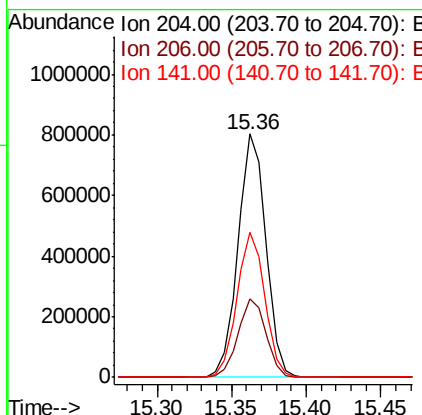
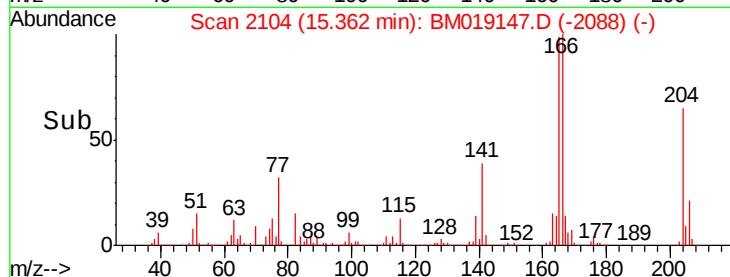
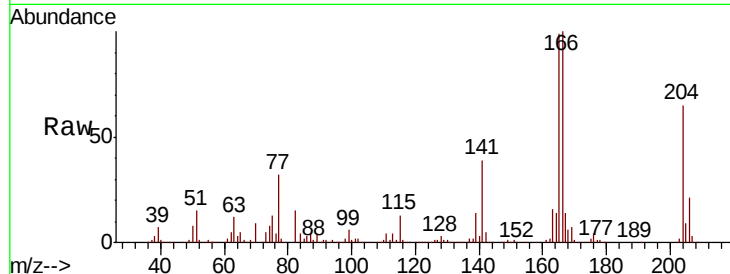
#61
4-Chlorophenyl-phenylether
Concen: 41.542 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion:204 Resp: 1041456
Ion Ratio Lower Upper
204 100
206 32.1 25.5 38.3
141 59.5 47.8 71.8

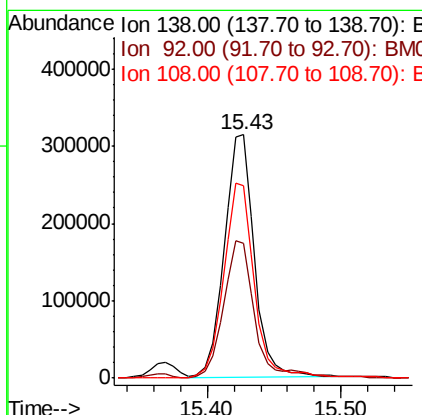
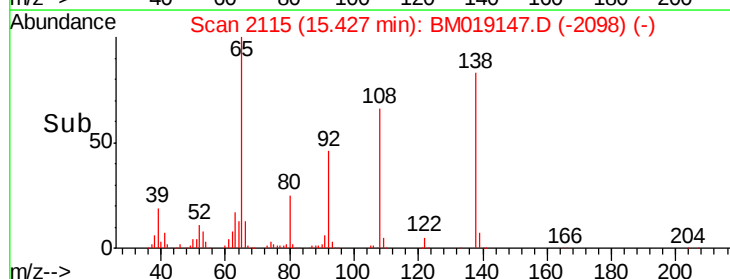
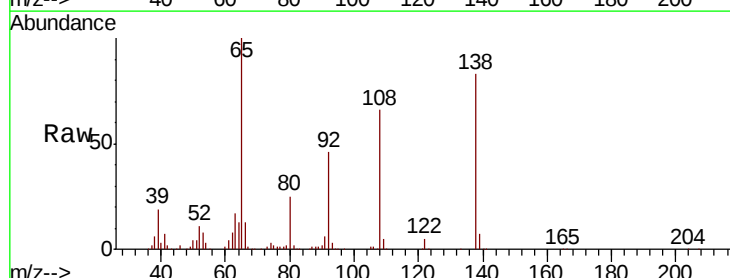
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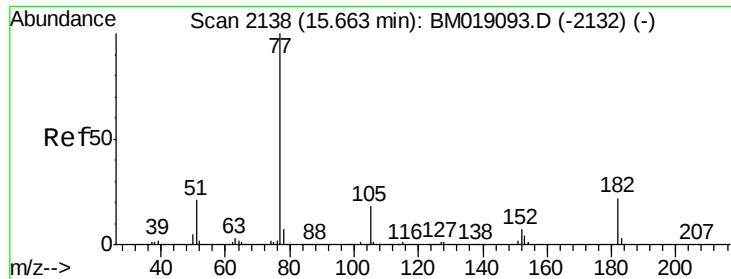
Sohil
3/14/2019 3:38:00 PM



#62
4-Nitroaniline
Concen: 40.566 ng
RT: 15.43 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:138 Resp: 490924
Ion Ratio Lower Upper
138 100
92 55.4 36.2 76.2
108 78.8 59.7 99.7





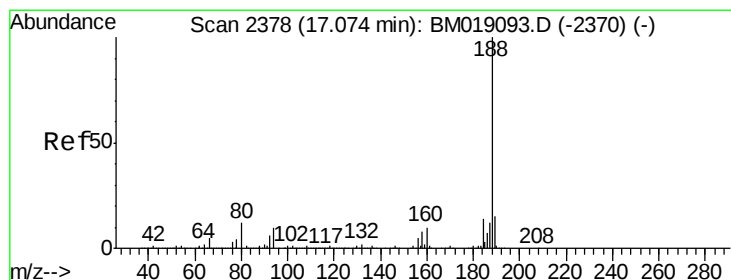
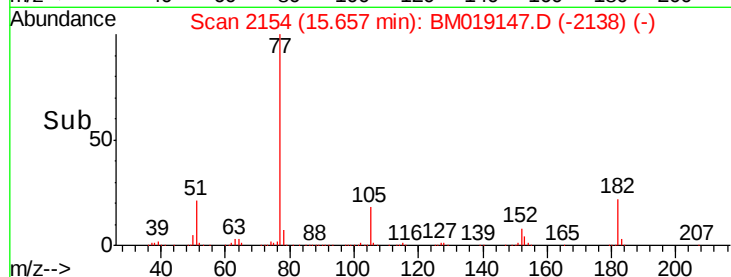
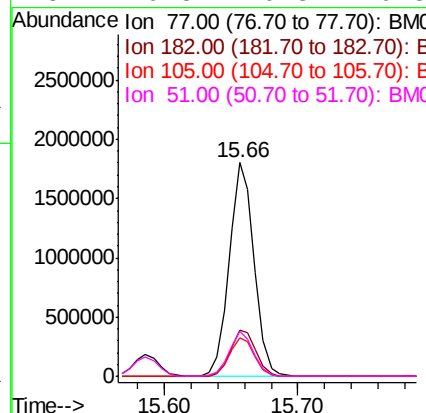
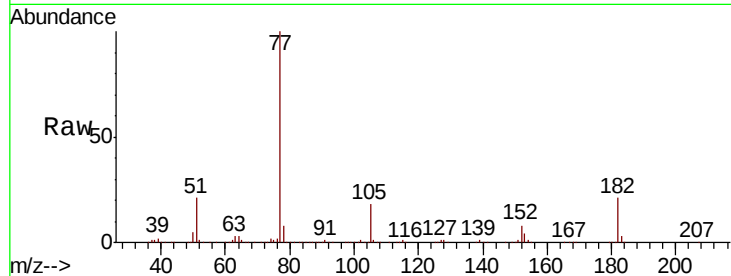
#63
Azobenzene
Concen: 42.046 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion:	77	Resp:	2350261
Ion	Ratio	Lower	Upper
77	100		
182	21.5	1.8	41.8
105	18.1	0.0	38.3
51	20.8	0.8	40.8

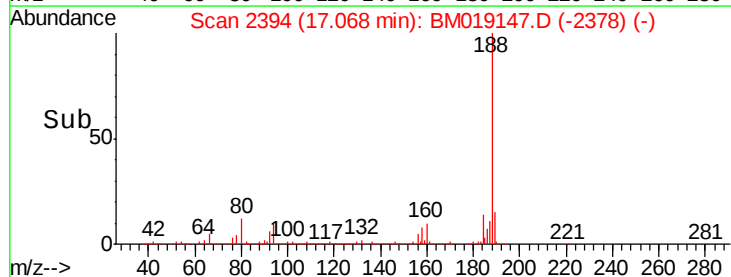
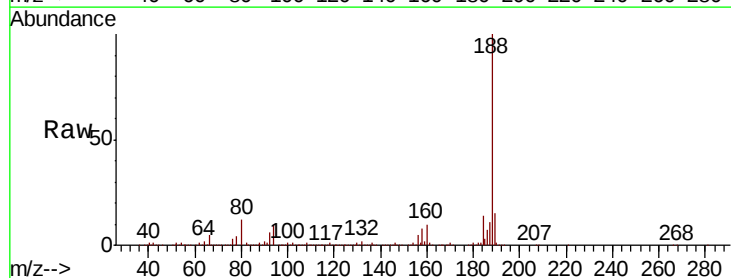
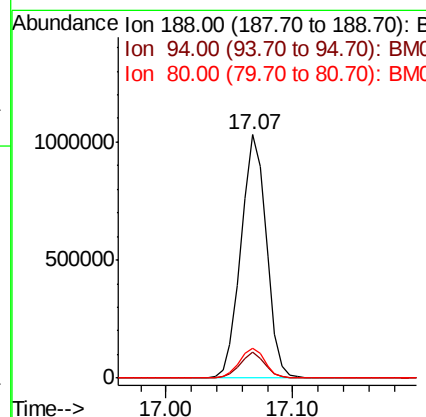
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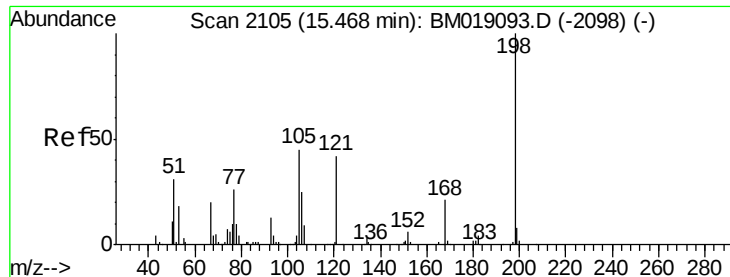
Sohil
3/14/2019 3:38:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:	188	Resp:	1430894
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	12.5	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 37.334 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:198 Resp: 350066

Ion Ratio Lower Upper

198 100

51 34.6 17.3 57.3

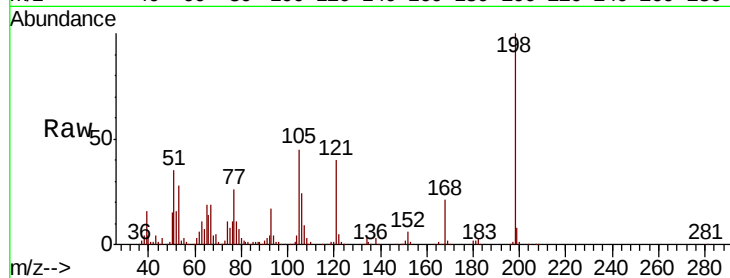
105 44.8 26.2 66.2

Manual Integrations

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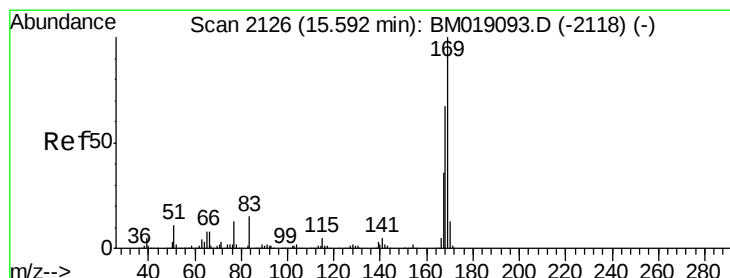
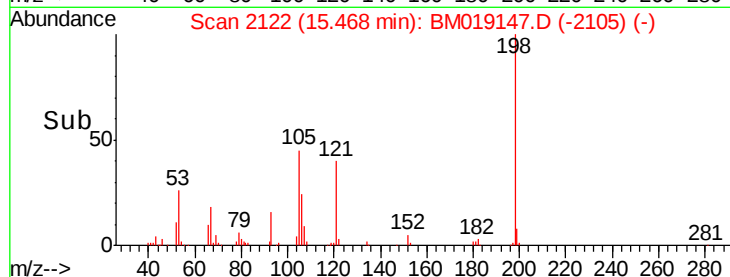
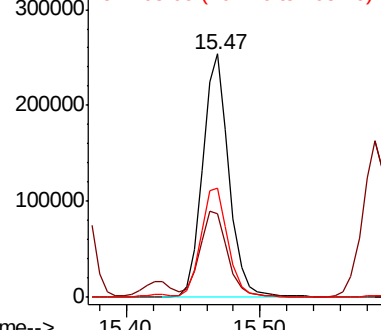
3/14/2019 3:38:00 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.263 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

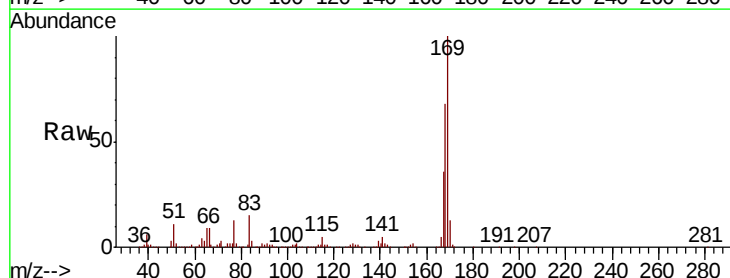
Tgt Ion:169 Resp: 1879724

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

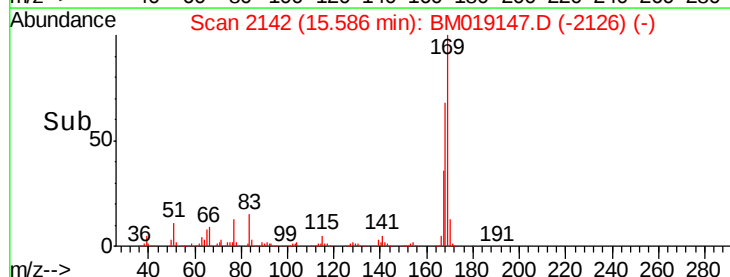
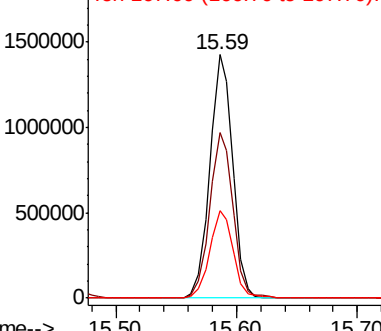
167 35.7 28.8 43.2

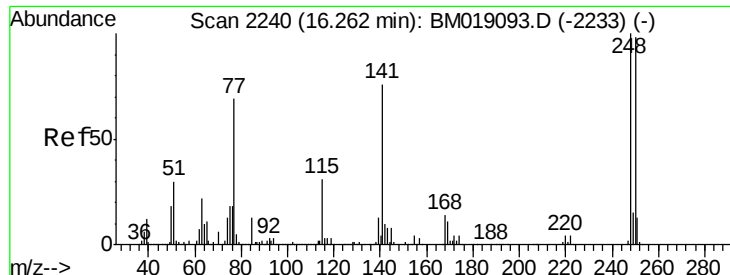


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





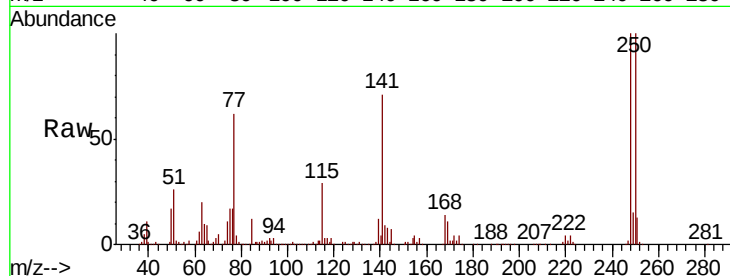
#67
4-Bromophenyl-phenylether
Concen: 39.925 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.0	117.0
141	71.0	61.0	91.4

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3/14/2019 3:38:00 PM

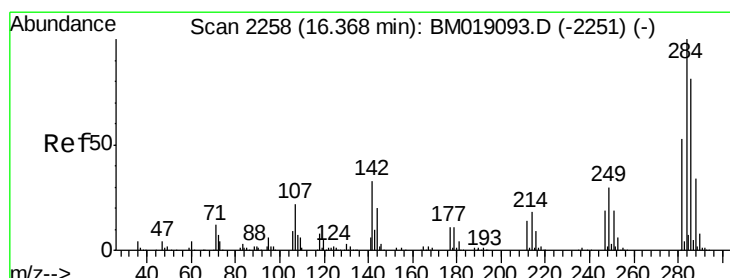
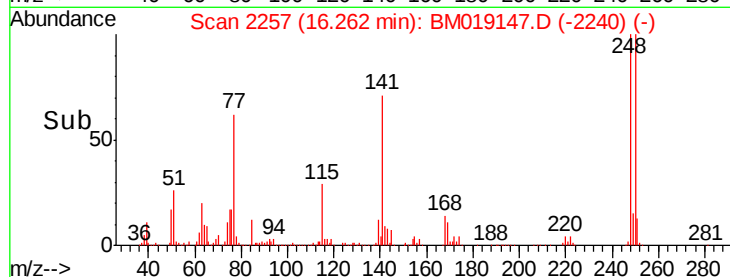
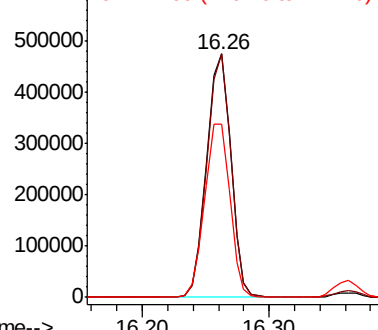


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.853 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

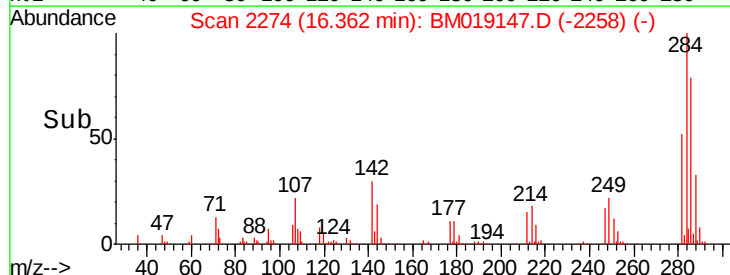
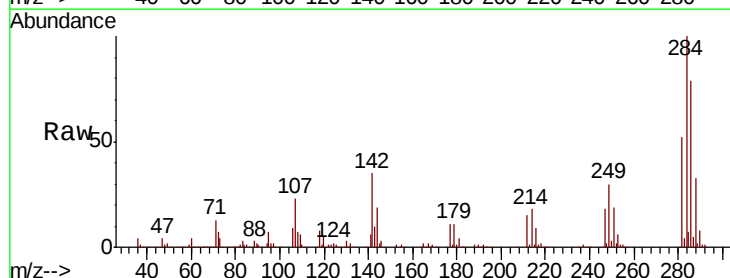
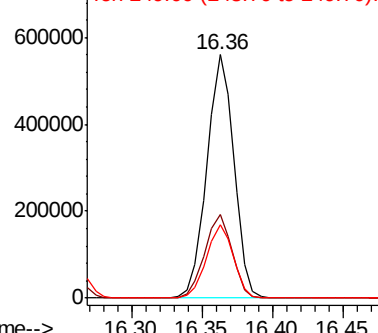
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.3	39.5
249	30.0	24.1	36.1

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





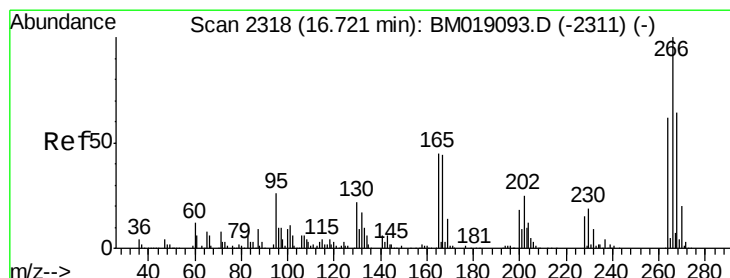
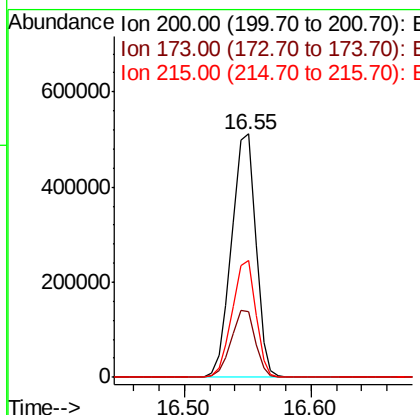
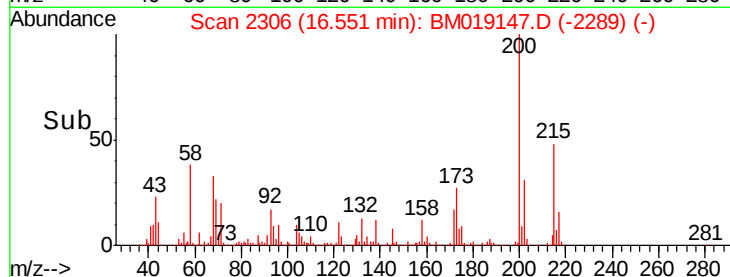
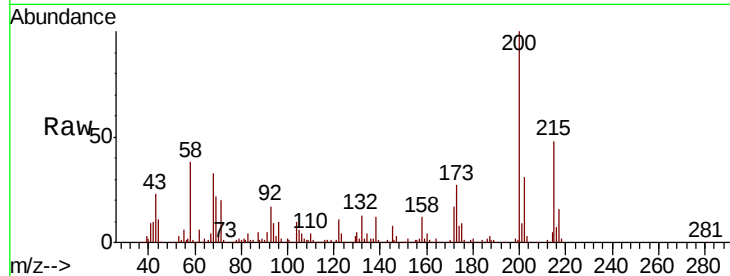
#69
Atrazine
Concen: 44.271 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	47.8	27.7	67.7

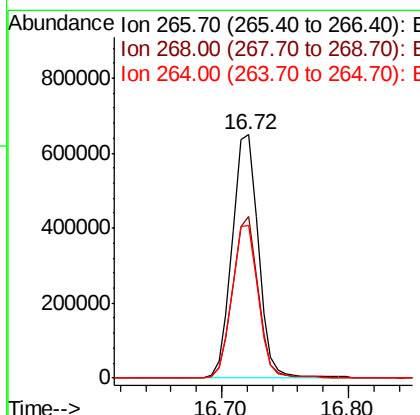
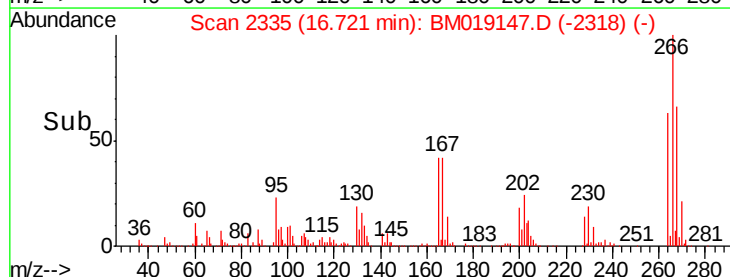
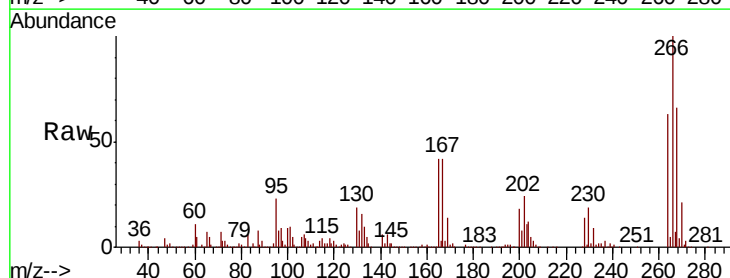
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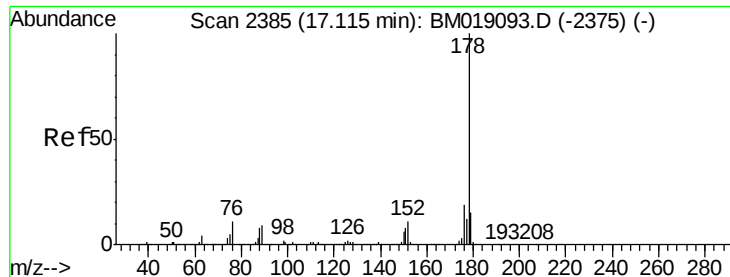
Sohil
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#70
Pentachlorophenol
Concen: 82.078 ng
RT: 16.72 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.3	76.9
264	62.6	50.0	75.0





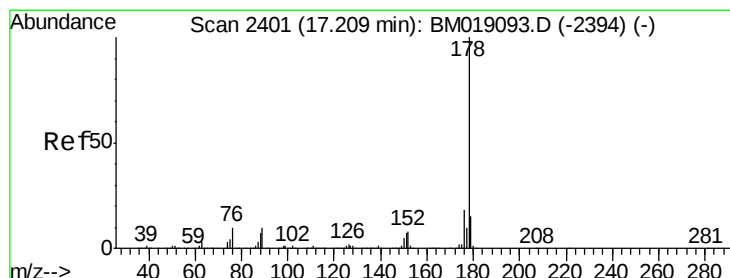
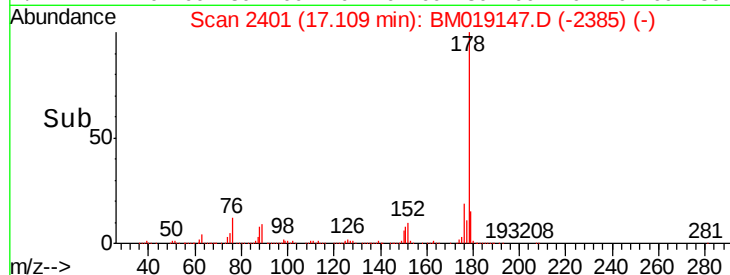
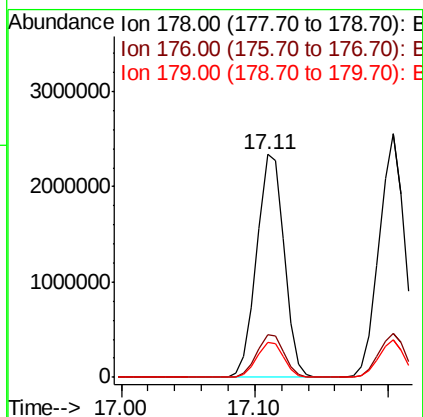
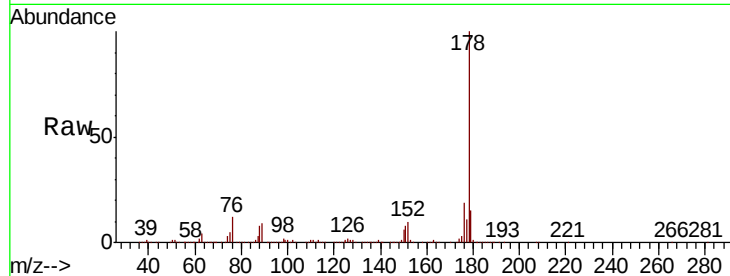
#71
Phenanthrene
Concen: 39.561 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion:178 Resp: 3317941
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.2 18.2

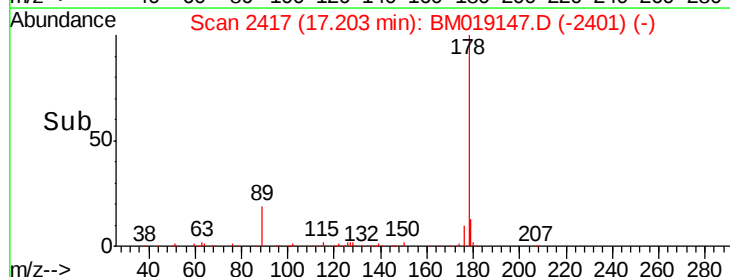
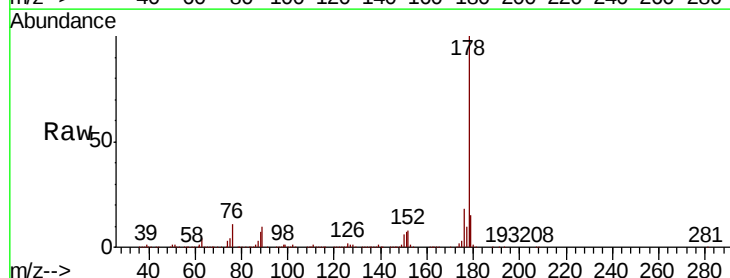
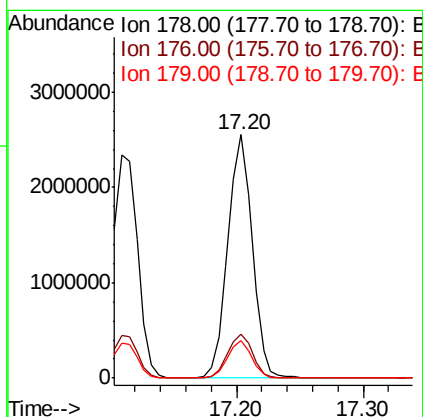
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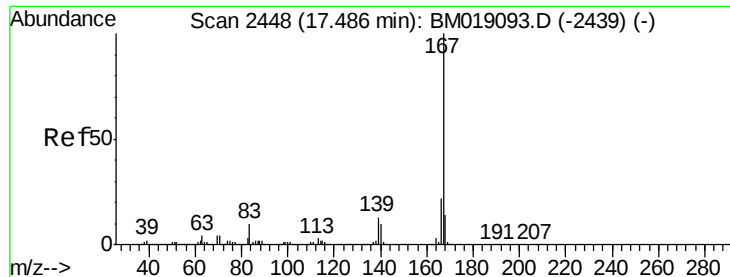
Sohil
3/14/2019 3:38:00 PM



#72
Anthracene
Concen: 41.321 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:178 Resp: 3392657
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.2 11.9 17.9





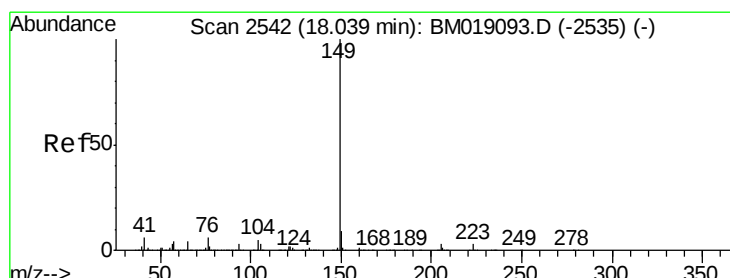
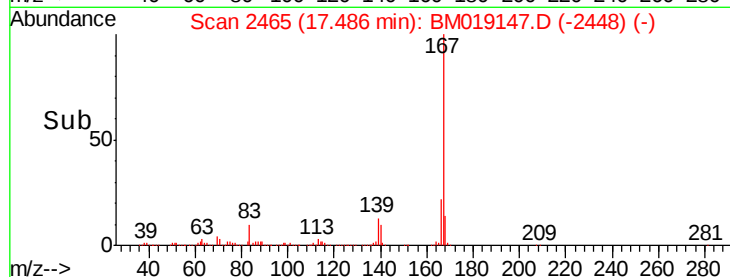
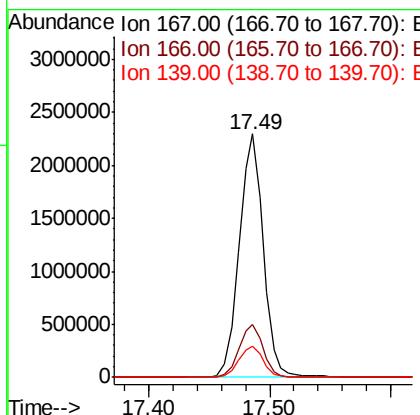
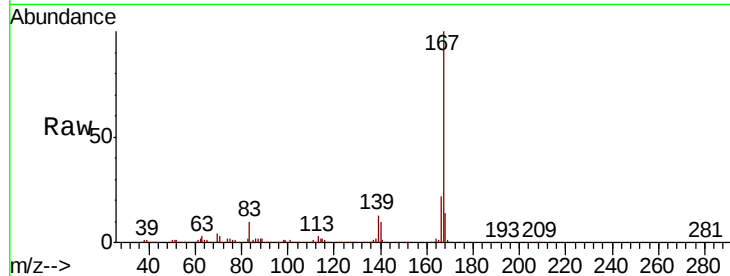
#73
 Carbazole
 Concen: 41.285 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.8	26.8	
139	12.8	10.5	15.7	

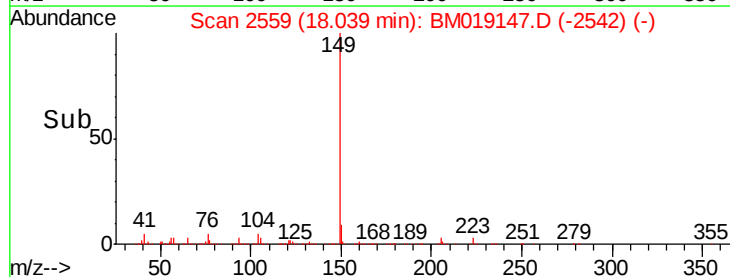
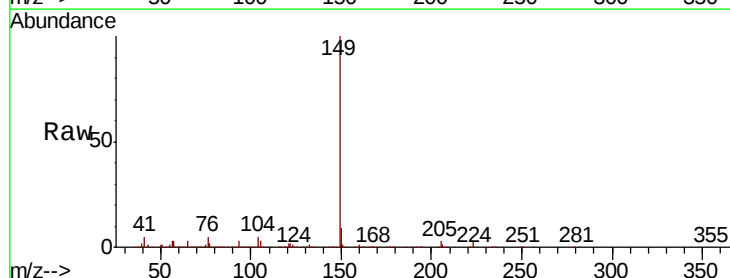
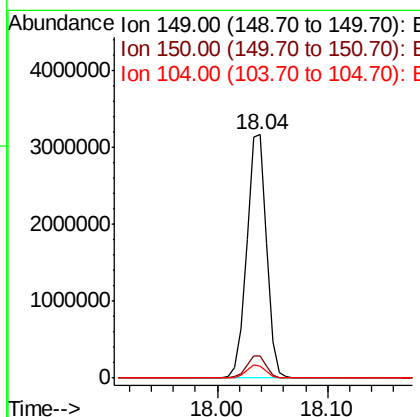
Manual Integrations
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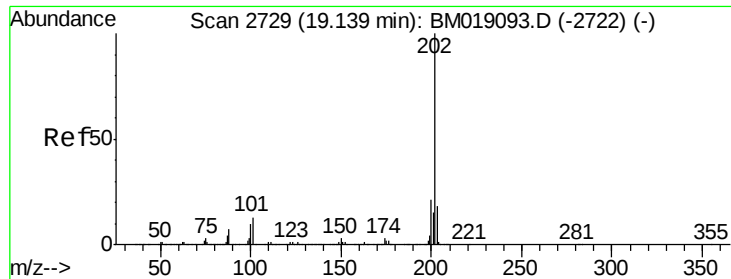
Sohil
 3/14/2019 3:38:00 PM



#74
 Di-n-butylphthalate
 Concen: 42.455 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.1	7.4	11.0	
104	5.1	4.2	6.4	





#75

Fluoranthene

Concen: 39.776 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

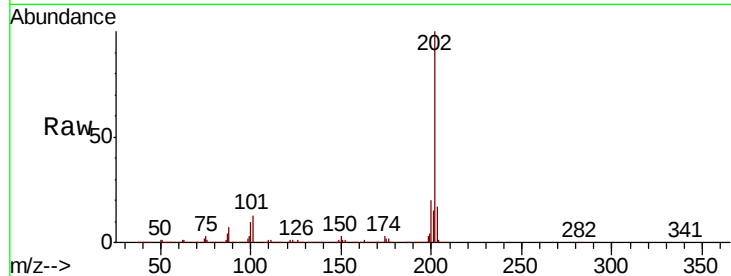
ClientSampleId :

TP-24MSD

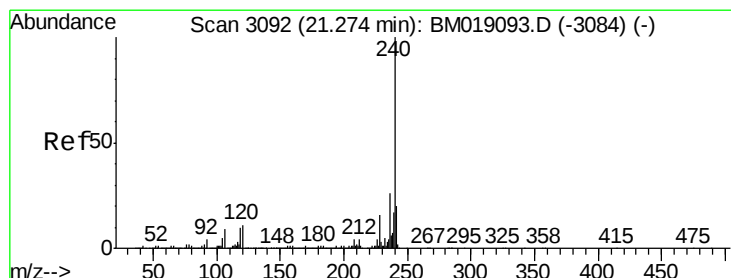
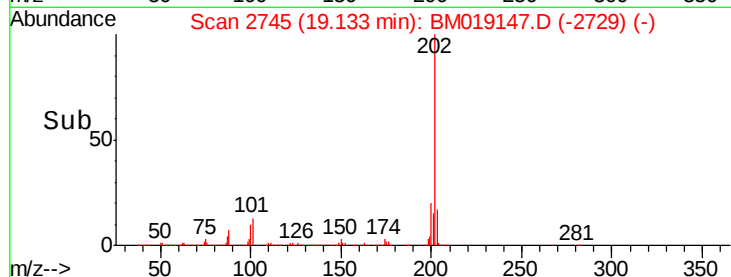
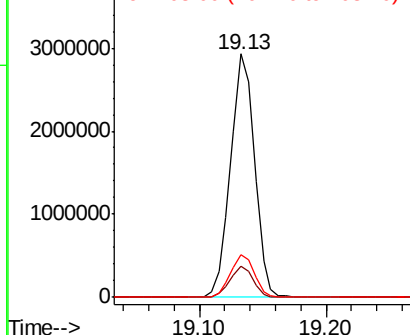
Tot Ion:	202	Resp:	3827935
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.0
203	17.4	0.0	37.8

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



#76

Chrysene-d12

Concen: 20.000 ng

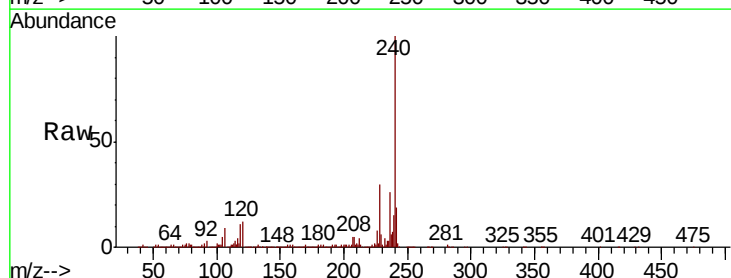
RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

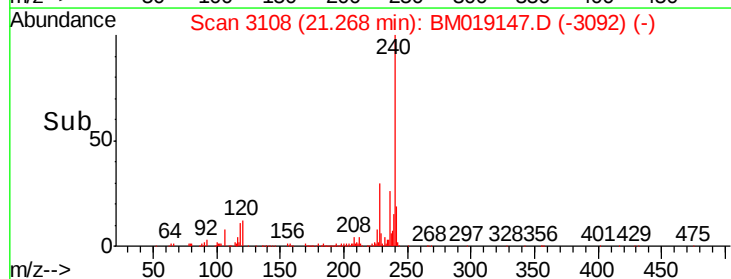
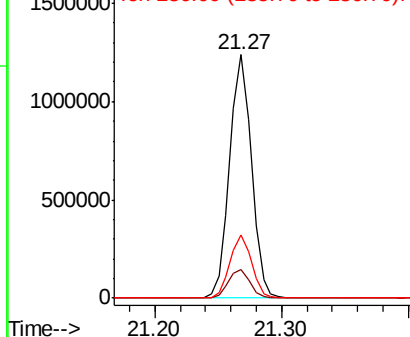
Lab File: BM019147.D

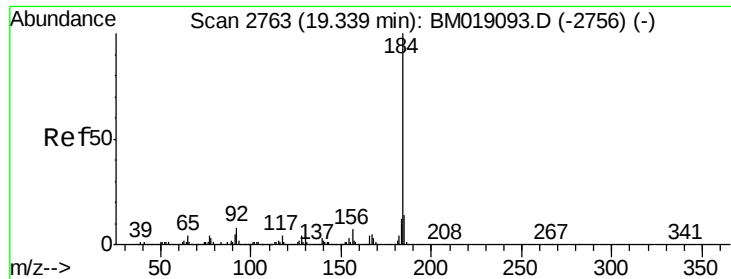
Acq: 13 Mar 2019 15:50

Tgt Ion:	240	Resp:	1470043
Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	25.9	21.0	31.4



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





#77

Benzidine

Concen: 11.676 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

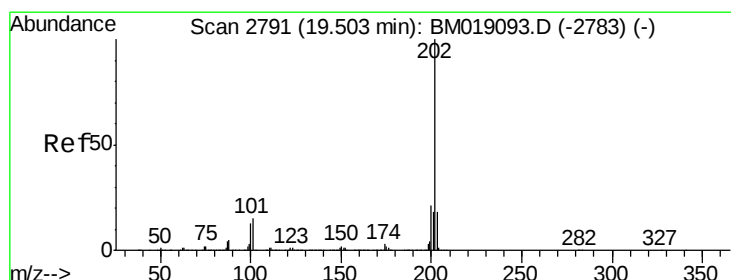
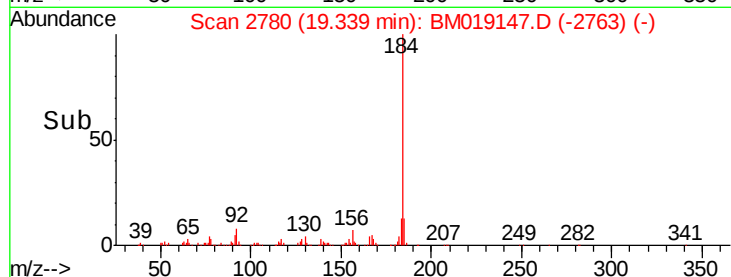
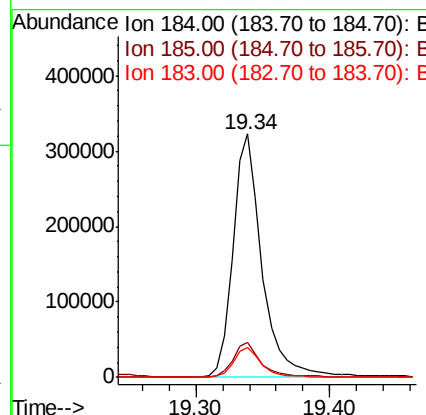
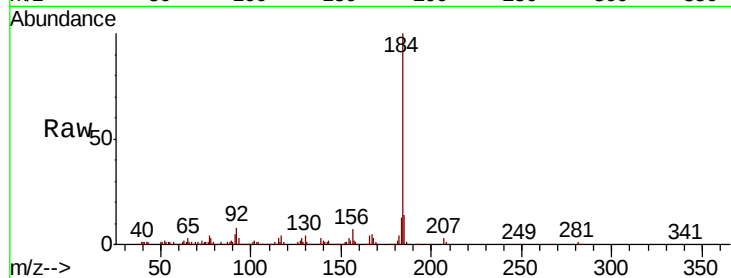
ClientSampleId :

TP-24MSD

Tot Ion:	184	Resp:	486774
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.0	16.4
183	12.5	9.8	14.6

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#78

Pyrene

Concen: 41.801 ng

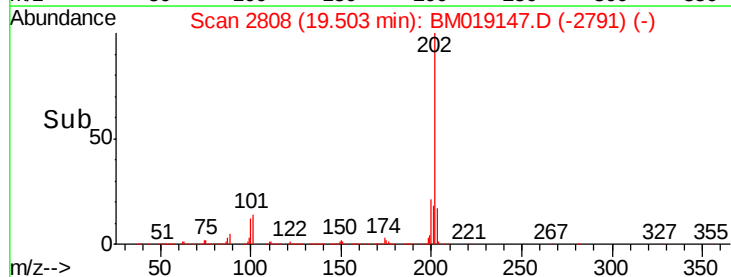
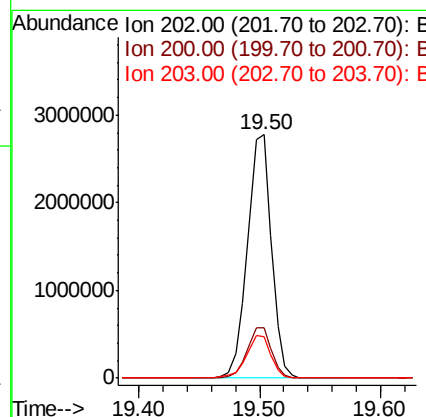
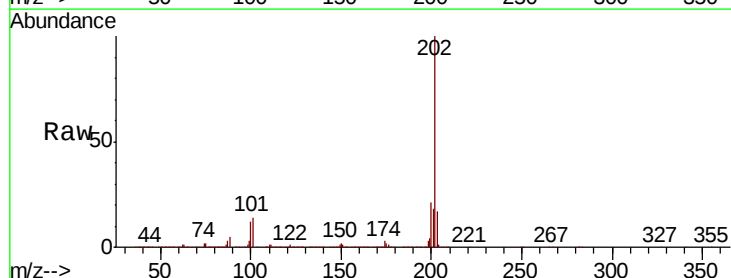
RT: 19.50 min Scan# 2808

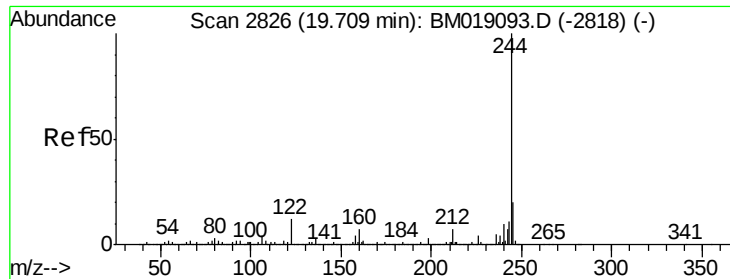
Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:	202	Resp:	3887954
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.9	25.3
203	17.2	14.0	21.0





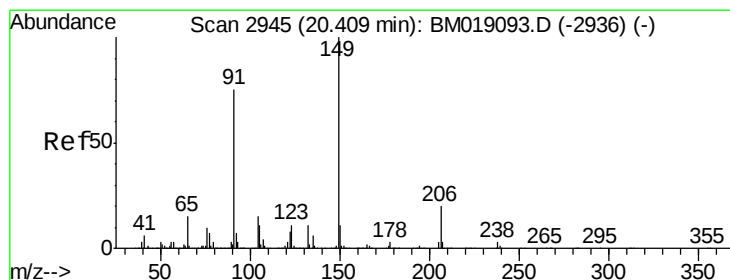
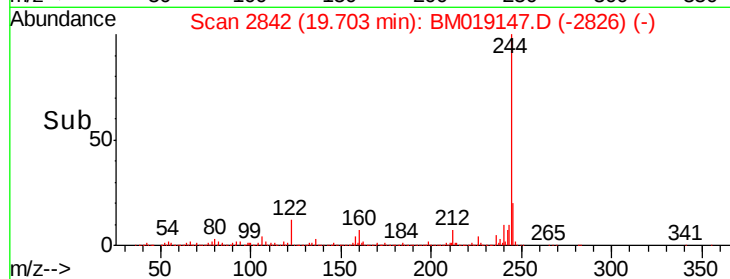
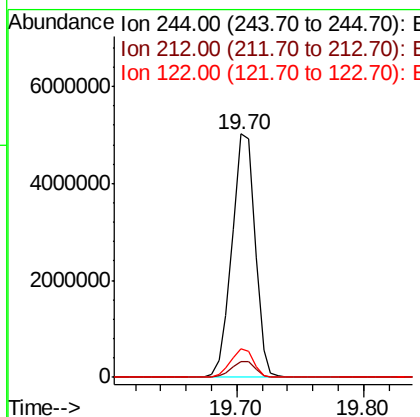
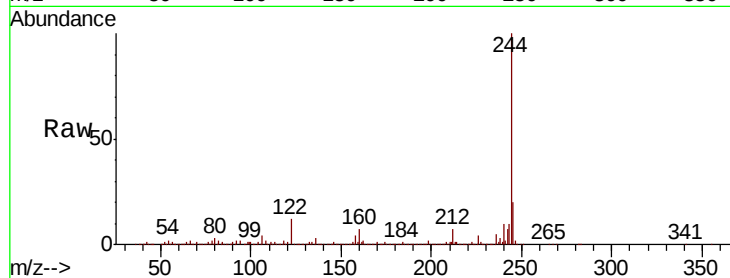
#79
 Terphenyl-d14
 Concen: 85.234 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion:244 Resp: 6311513
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.8 9.4 14.2

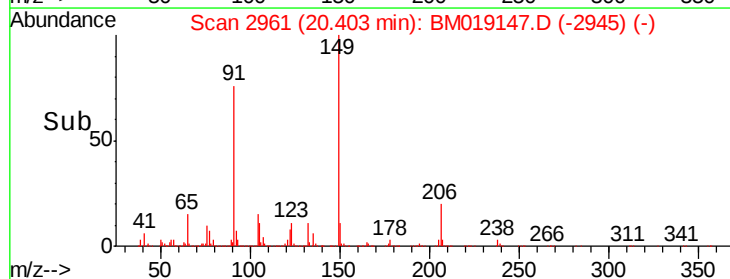
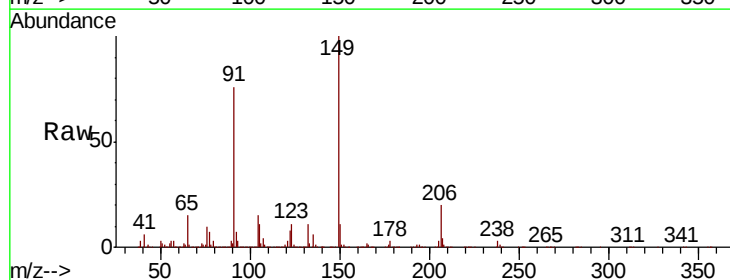
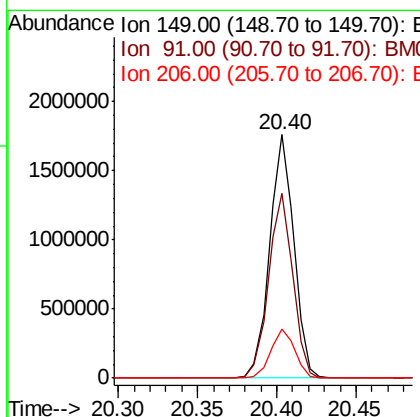
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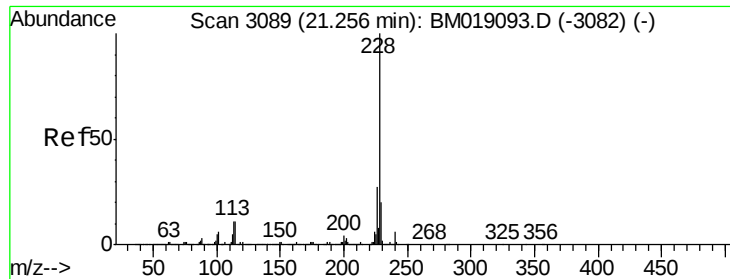
Sohil
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#80
 Butylbenzylphthalate
 Concen: 46.464 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion:149 Resp: 1882352
 Ion Ratio Lower Upper
 149 100
 91 76.0 60.1 90.1
 206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.942 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:228 Resp: 3591403

Ion Ratio Lower Upper

228 100

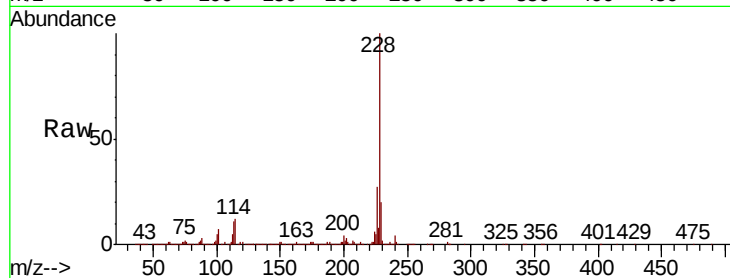
226 27.4 21.8 32.8

229 20.2 15.8 23.6

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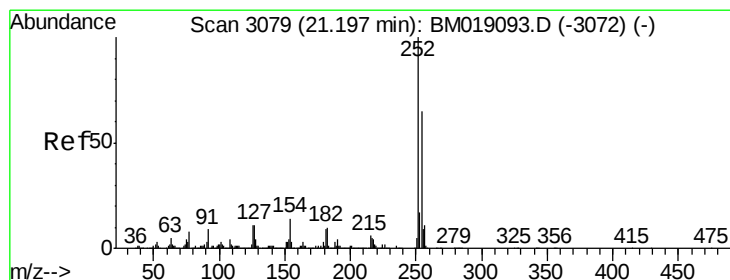
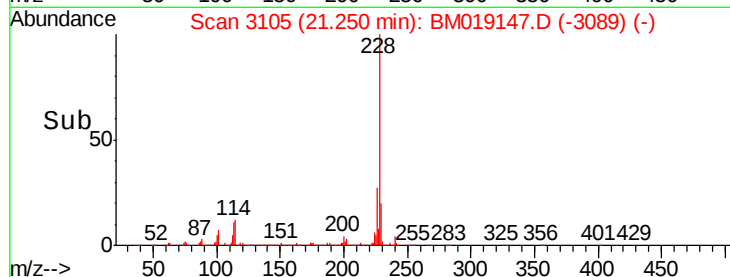
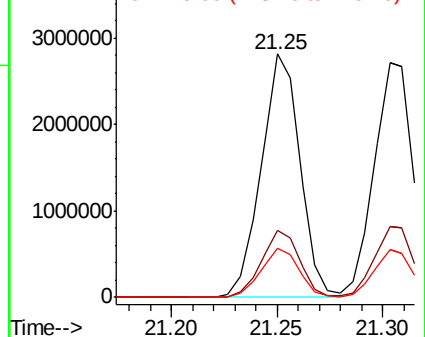


Abundance

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: 23.235 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:252 Resp: 825504

Ion Ratio Lower Upper

252 100

254 65.3 52.4 78.6

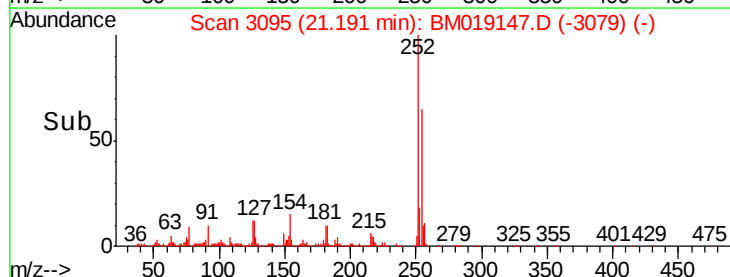
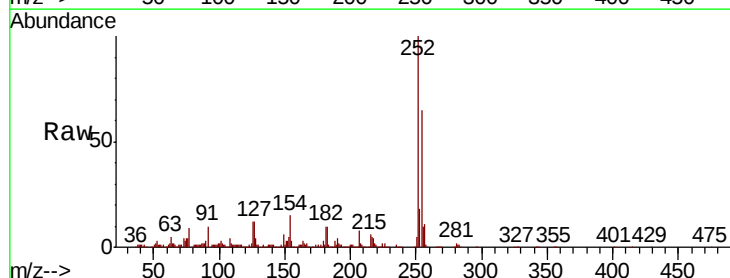
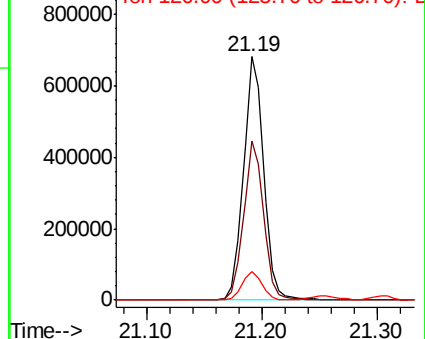
126 12.0 9.0 13.6

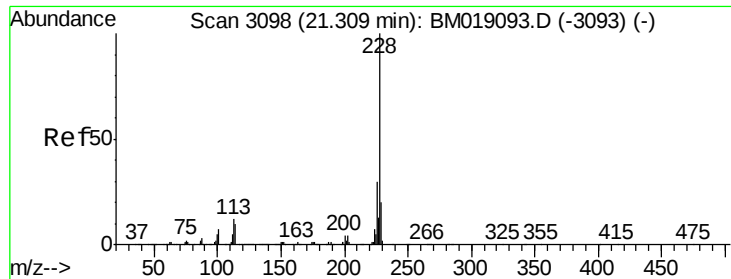
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





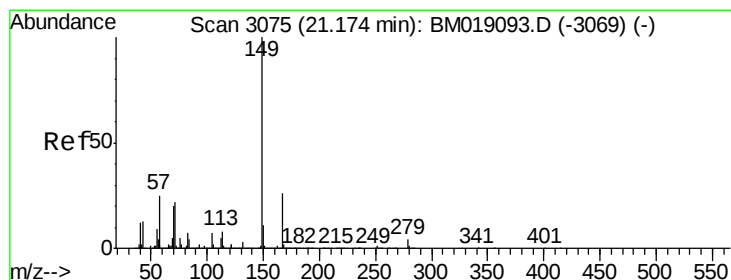
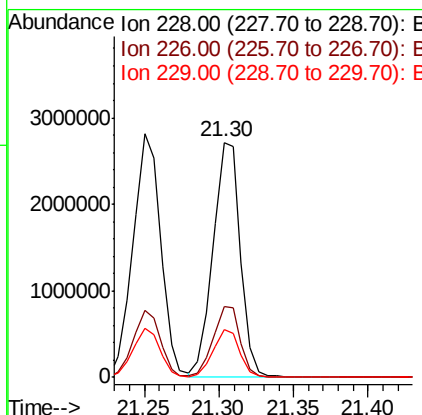
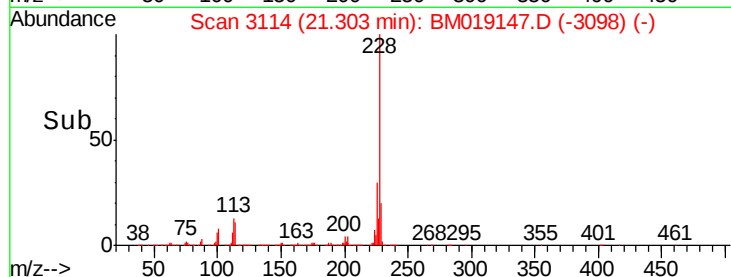
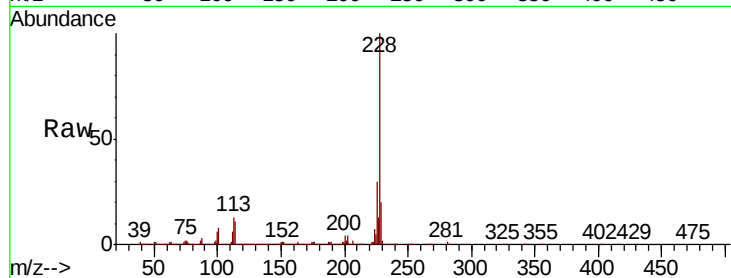
#83
Chrysene
Concen: 38.972 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion:228 Resp: 3477182
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 20.1 15.7 23.5

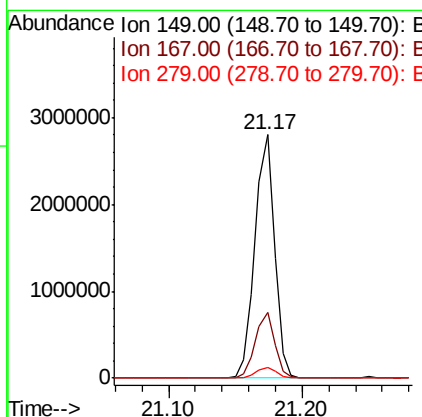
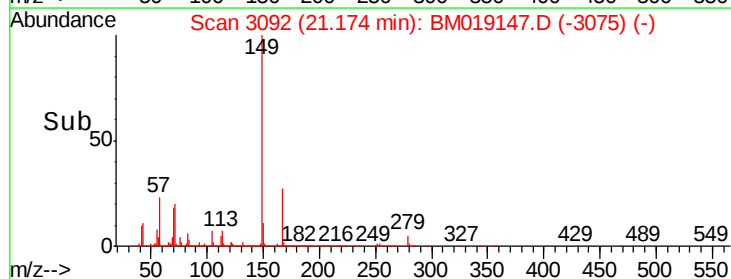
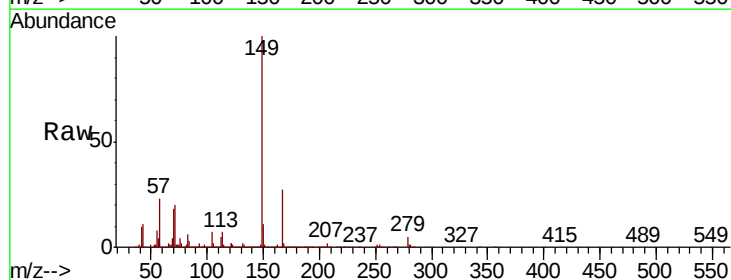
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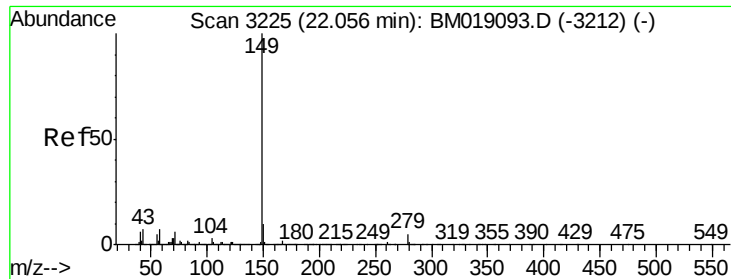
Sohil
3/14/2019 3:38:00 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.815 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:149 Resp: 2818129
Ion Ratio Lower Upper
149 100
167 27.2 21.1 31.7
279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.043 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampled :

TP-24MSD

Tot Ion:149 Resp: 4668789

Ion Ratio Lower Upper

149 100

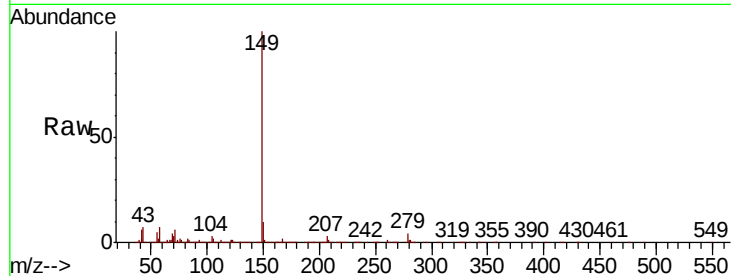
167 1.5 1.3 1.9

43 7.5 6.1 9.1

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Sohil

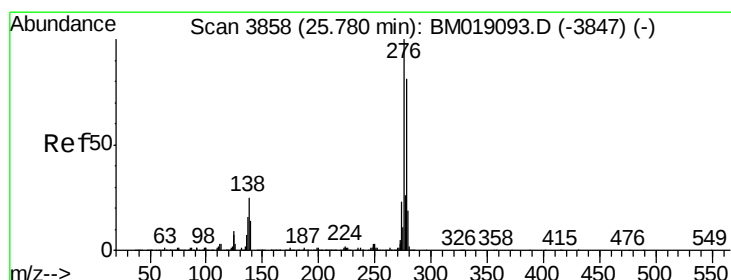
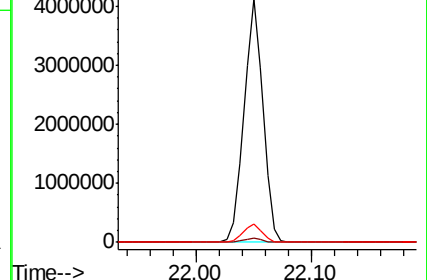
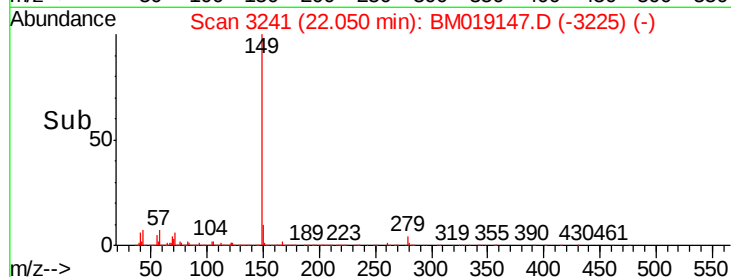
3/14/2019 3:38:00 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.653 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

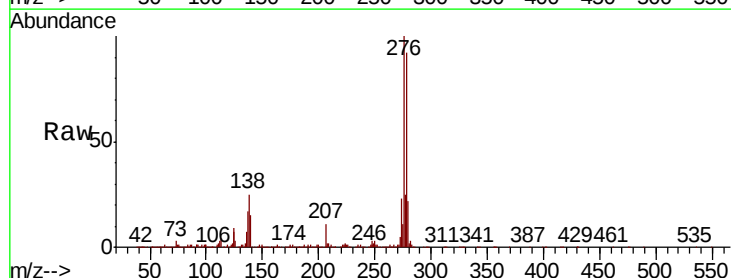
Tgt Ion:276 Resp: 3424311

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.8

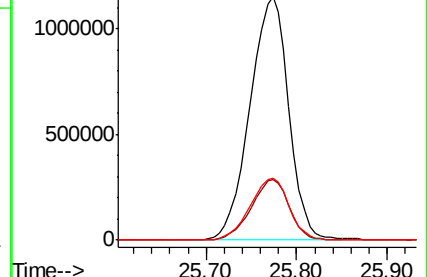
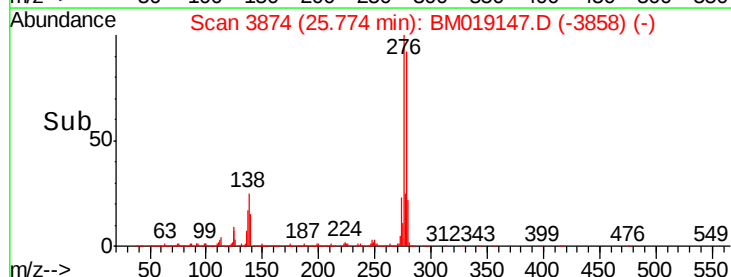
277 25.5 20.3 30.5

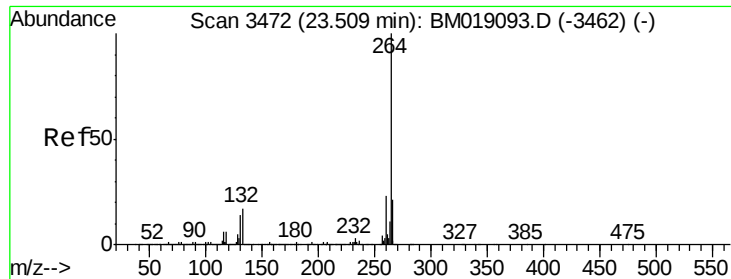


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:264 Resp: 1278123

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

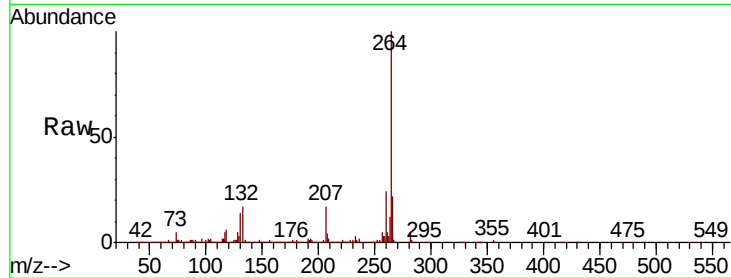
265 21.7 17.3 25.9

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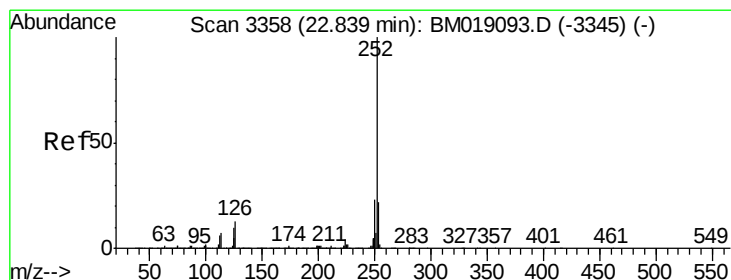
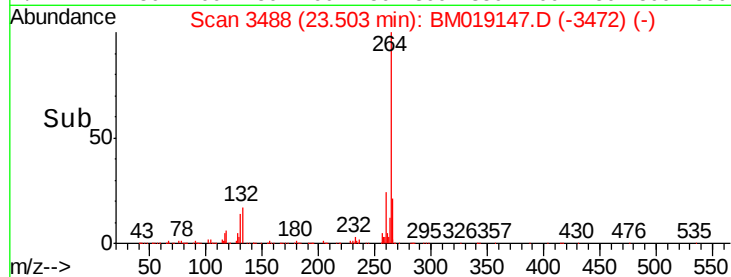
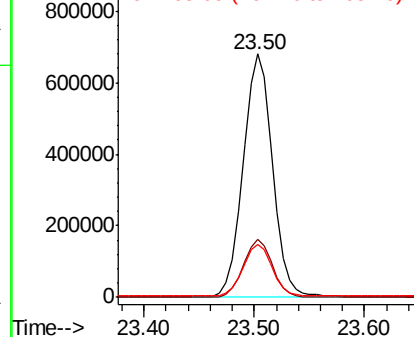


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.407 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

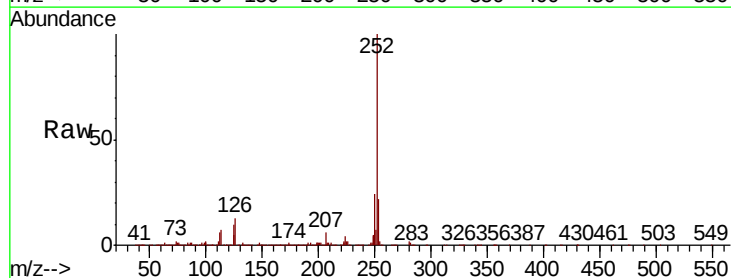
Tgt Ion:252 Resp: 3346496

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.3 8.1 12.1

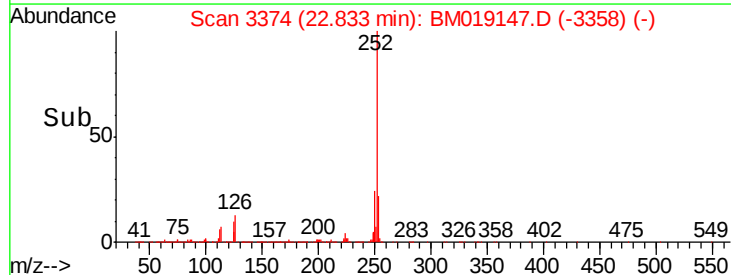
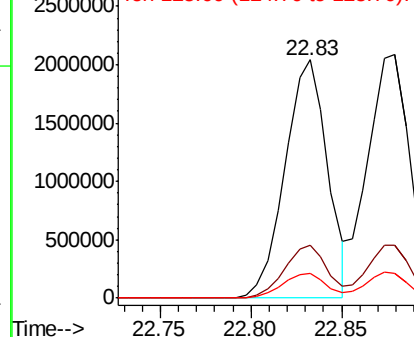


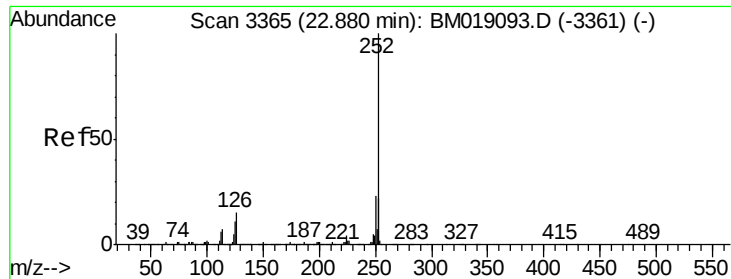
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





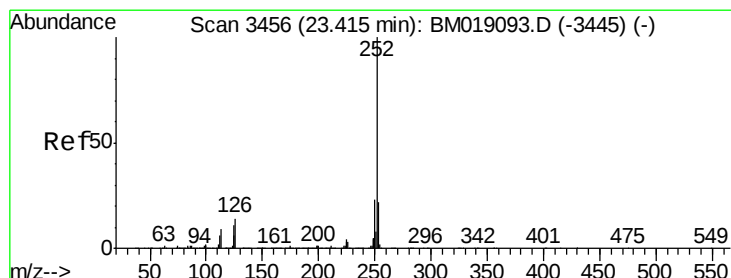
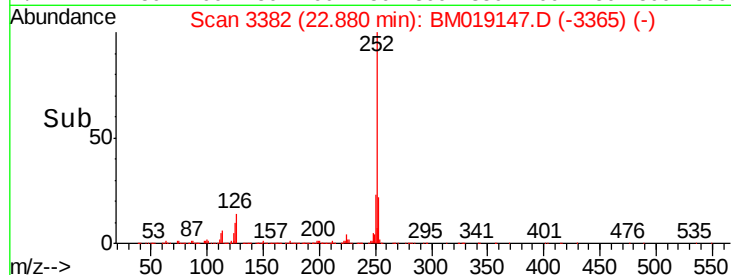
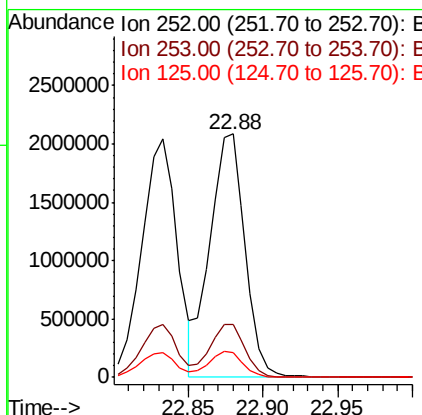
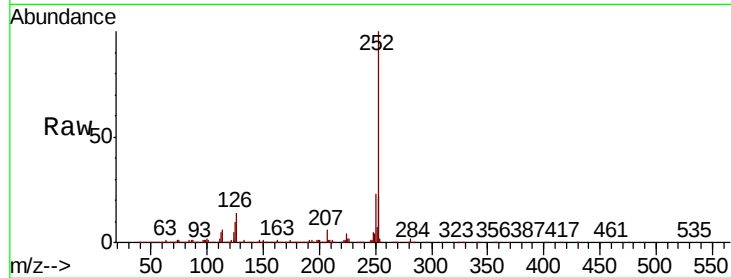
#89
Benzo(k)fluoranthene
Concen: 44.781 ng
RT: 22.88 min Scan# 3382
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.1	8.8	13.2

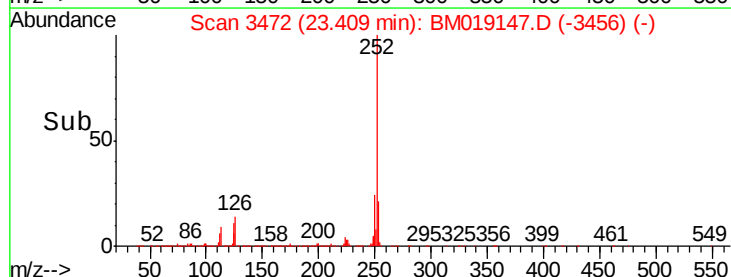
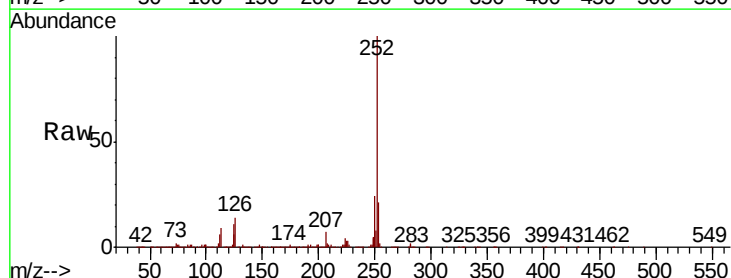
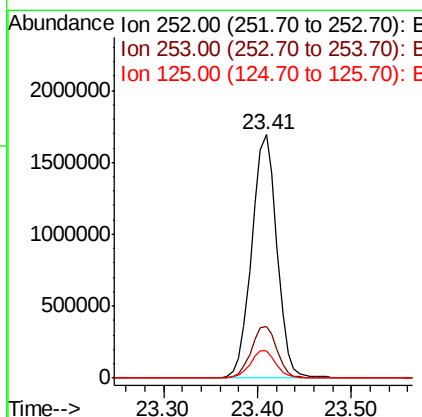
Manual Integrations
APPROVED

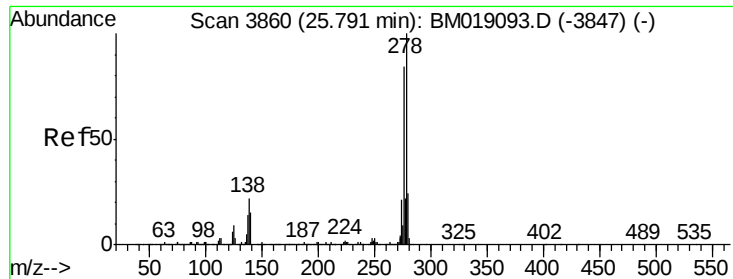
Sohil
3/14/2019 3:38:00 PM



#90
Benzo(a)pyrene
Concen: 42.251 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	11.3	9.2	13.8





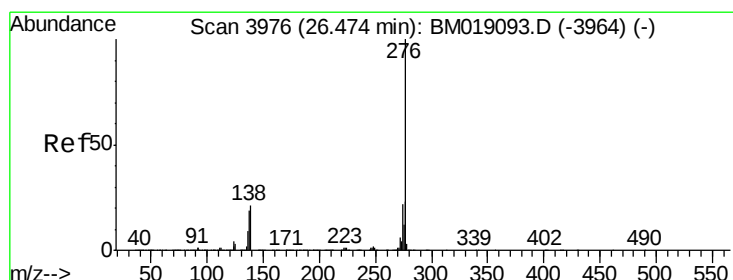
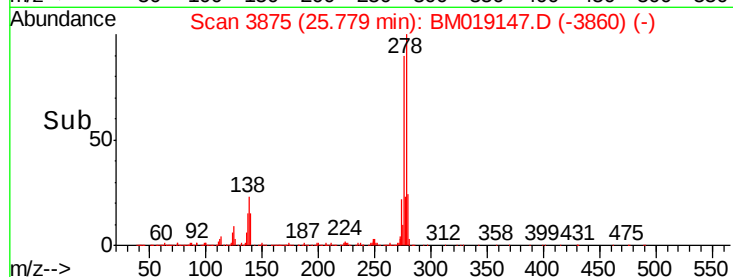
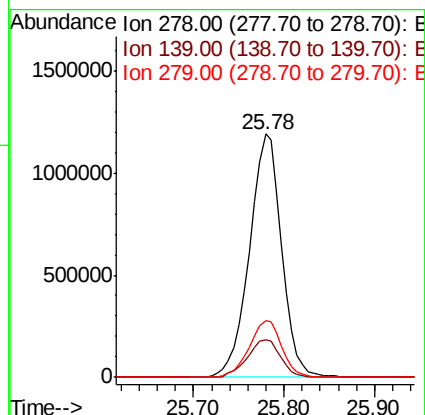
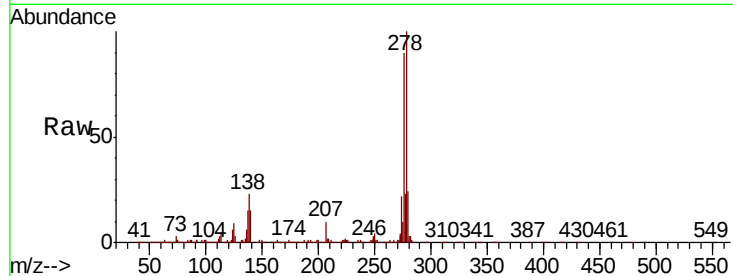
#91
Dibenzo(a,h)anthracene
Concen: 41.158 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	23.6	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/14/2019 3:38:00 PM



#92
Benzo(g,h,i)perylene
Concen: 41.185 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.5	17.0	25.4

