

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019042.D
 Acq On : 05 Mar 2019 18:27
 Operator : JU/SJ
 Sample : K1705-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:20:32 PM

Quant Time: Mar 06 06:27:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	255378	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	974514	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	526814	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1094158	20.00	ng	0.00
76) Chrysene-d12	21.28	240	884747	20.00	ng	0.00
87) Perylene-d12	23.53	264	869717	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1942753	124.64	ng	0.00
7) Phenol-d6	6.86	99	2661894	121.23	ng	0.00
23) Nitrobenzene-d5	8.85	82	1669426	79.21	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	925612	121.89	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3021844	76.14	ng	0.00
79) Terphenyl-d14	19.72	244	3684900	85.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	221420	32.617	ng	100
3) Pyridine	3.63	79	468198	25.284	ng	98
4) n-Nitrosodimethylamine	3.55	42	184219	39.106	ng	94
6) Aniline	7.02	93	406693	15.117	ng	100
8) 2-Chlorophenol	7.25	128	619523	36.203	ng	98
9) Benzaldehyde	6.84	77	445281	36.167	ng	99
10) Phenol	6.88	94	918473	39.755	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	602099	34.164	ng	99
12) 1,3-Dichlorobenzene	7.56	146	659632	34.281	ng	98
13) 1,4-Dichlorobenzene	7.71	146	671896	34.299	ng	99
14) 1,2-Dichlorobenzene	8.02	146	640880	34.059	ng	98
15) Benzyl Alcohol	7.93	79	594387	34.068	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	589932	34.585	ng	96
17) 2-Methylphenol	8.12	107	523343	35.590	ng	96
18) Hexachloroethane	8.73	117	244691	34.218	ng	95
19) n-Nitroso-di-n-propylamine	8.49	70	547052	32.178	ng	99
20) 3+4-Methylphenols	8.45	107	709655	34.950	ng	99
22) Acetophenone	8.50	105	906964	33.890	ng	99
24) Nitrobenzene	8.89	77	772203	35.298	ng	99
25) Isophorone	9.40	82	1356341	40.333	ng	99
26) 2-Nitrophenol	9.59	139	323215	37.100	ng	99
27) 2,4-Dimethylphenol	9.65	122	551209	43.319	ng	98
28) bis(2-Chloroethoxy)methane	9.89	93	809667	37.233	ng	100
29) 2,4-Dichlorophenol	10.12	162	555605	38.027	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	597584	35.416	ng	99
31) Naphthalene	10.51	128	1808896	38.060	ng	99
32) Benzoic acid	9.80	122	349387m	31.477	ng	
33) 4-Chloroaniline	10.65	127	156441	7.363	ng	99
34) Hexachlorobutadiene	10.77	225	324301	33.112	ng	99
35) Caprolactam	11.46	113	168378m	28.238	ng	
36) 4-Chloro-3-methylphenol	11.76	107	628153	35.659	ng	99
37) 2-Methylnaphthalene	12.13	142	1274643	38.092	ng	98
38) 1-Methylnaphthalene	12.35	142	1225366	37.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	608199	36.090	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	710670	82.482	nq	99
43) 2,4,6-Trichlorophenol	12.75	196	437847	39.247	nq	99
44) 2,4,5-Trichlorophenol	12.83	196	453210	38.758	nq	98
46) 1,1'-Biphenyl	13.16	154	1625568	35.847	nq	100
47) 2-Chloronaphthalene	13.20	162	1250471	35.702	nq	99
48) 2-Nitroaniline	13.43	65	420513	36.149	nq	96
49) Acenaphthylene	14.05	152	2020979	38.751	nq	99
50) Dimethylphthalate	13.80	163	1806951	41.156	nq	100
51) 2,6-Dinitrotoluene	13.93	165	348540	36.647	nq	95
52) Acenaphthene	14.39	154	1161796	36.330	nq	99
53) 3-Nitroaniline	14.26	138	175105	16.295	nq	98
54) 2,4-Dinitrophenol	14.47	184	408998	68.654	nq	99
55) Dibenzofuran	14.73	168	1869932	35.575	nq	99
56) 4-Nitrophenol	14.57	139	585509	68.254	nq	96
57) 2,4-Dinitrotoluene	14.72	165	478981	36.552	nq	98
58) Fluorene	15.38	166	1499711	37.295	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	400883	38.786	nq	99
60) Diethylphthalate	15.16	149	1595270	35.224	nq	99
61) 4-Chlorophenyl-phenylether	15.38	204	750139	33.271	nq	96
62) 4-Nitroaniline	15.43	138	327140	31.053	nq	97
63) Azobenzene	15.67	77	1675410	34.502	nq	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	254278	33.100	nq	99
66) n-Nitrosodiphenylamine	15.60	169	1326459	38.372	nq	100
67) 4-Bromophenyl-phenylether	16.27	248	438682	35.819	nq	98
68) Hexachlorobenzene	16.37	284	508700	35.735	nq	99
69) Atrazine	16.56	200	436892	39.202	nq	98
70) Pentachlorophenol	16.73	266	624439	68.126	nq	99
71) Phenanthrene	17.13	178	2230873	37.939	nq	100
72) Anthracene	17.22	178	2239827	39.135	nq	99
73) Carbazole	17.50	167	2035372	34.039	nq	99
74) Di-n-butylphthalate	18.05	149	2597180	37.767	nq	99
75) Fluoranthene	19.15	202	2328707	34.284	nq	99
77) Benzidine	19.35	184	663642	33.306	nq	100
78) Pyrene	19.52	202	2314305	45.038	nq	100
80) Butylbenzylphthalate	20.42	149	1013820	43.292	nq	100
81) Benzo(a)anthracene	21.26	228	1892998	36.705	nq	100
82) 3,3'-Dichlorobenzidine	21.20	252	375072	18.402	nq	100
83) Chrysene	21.31	228	1826443	36.948	nq	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1520915	44.374	nq	100
85) Di-n-octyl phthalate	22.07	149	2242160	38.922	nq	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2342977	41.053	nq	100
88) Benzo(b)fluoranthene	22.84	252	1870767	37.596	nq	99
89) Benzo(k)fluoranthene	22.89	252	1846285	37.269	nq	99
90) Benzo(a)pyrene	23.43	252	1819310	38.595	nq	99
91) Dibenzo(a,h)anthracene	25.81	278	1983206	42.465	nq	98
92) Benzo(g,h,i)perylene	26.50	276	1949886	44.847	nq	99

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

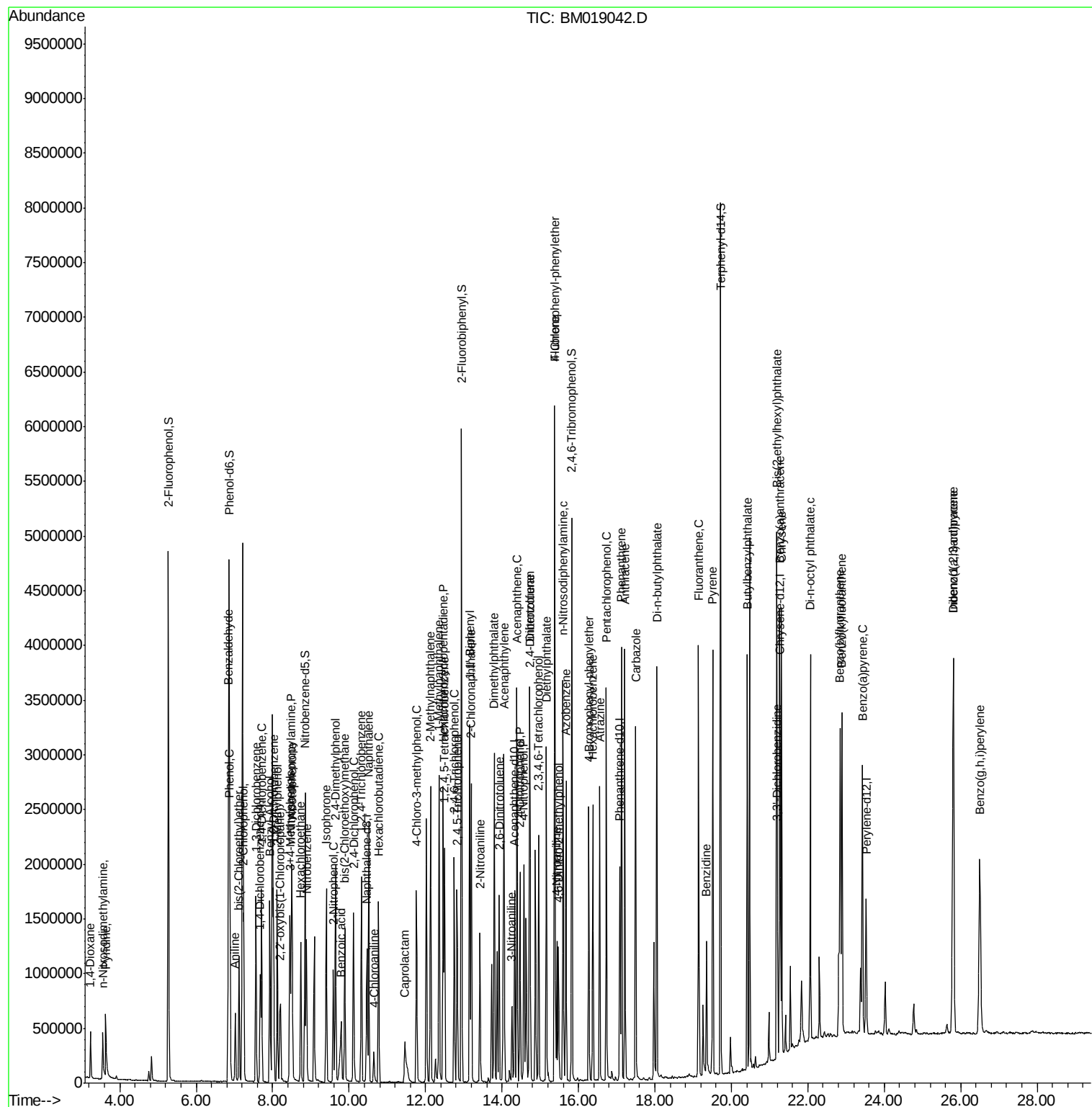
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#1

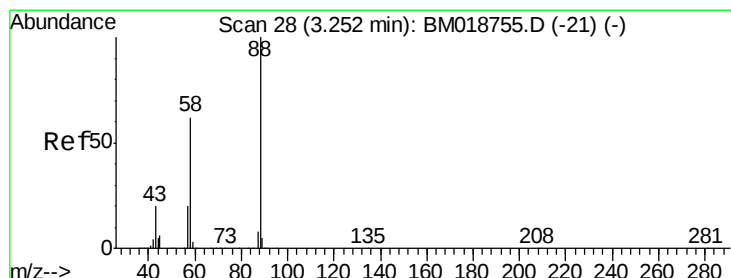
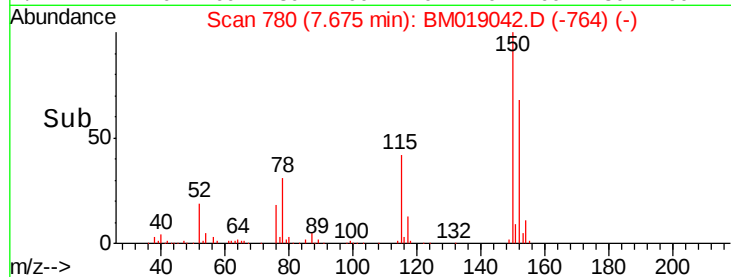
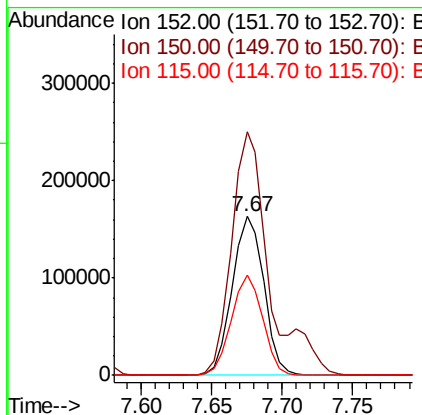
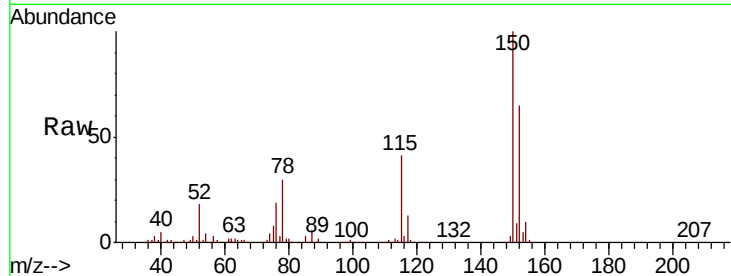
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.3	190.9
115	62.7	50.8	76.2

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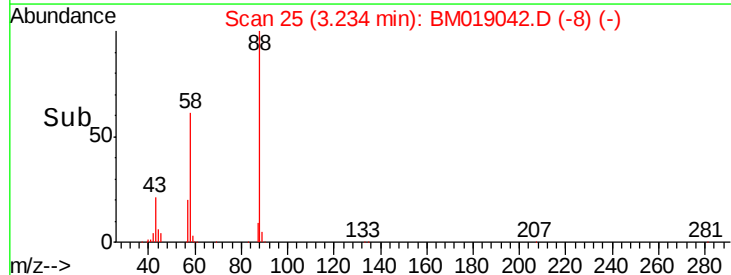
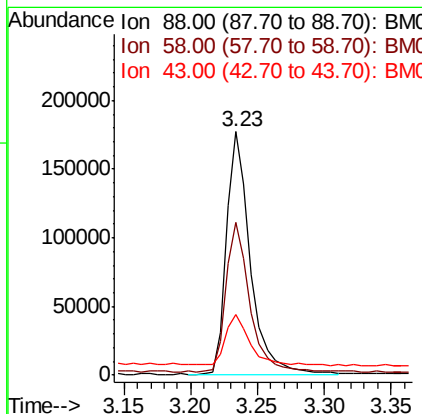
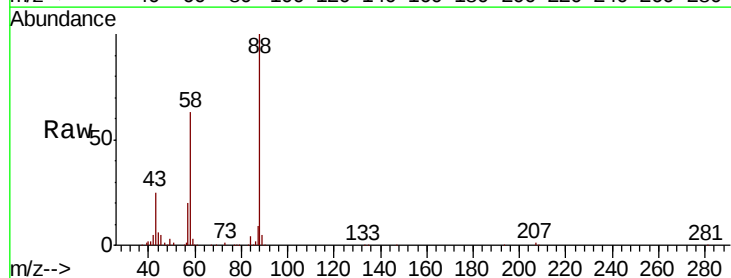
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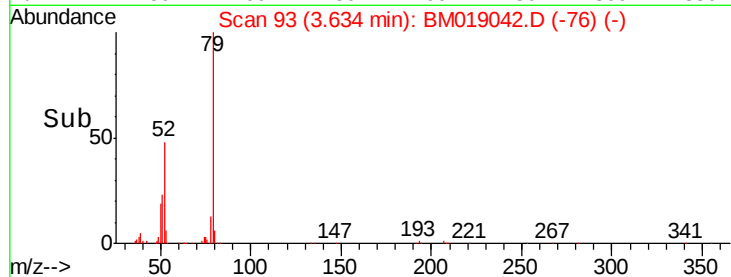
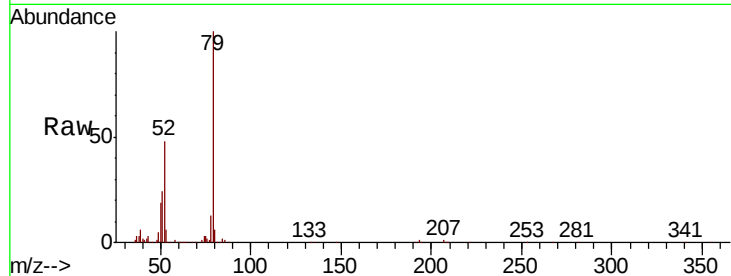
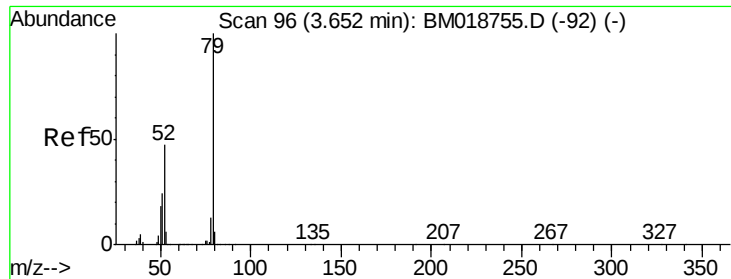


#2

1,4-Dioxane
Concen: 32.617 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	49.8	74.6
43	21.3	16.7	25.1





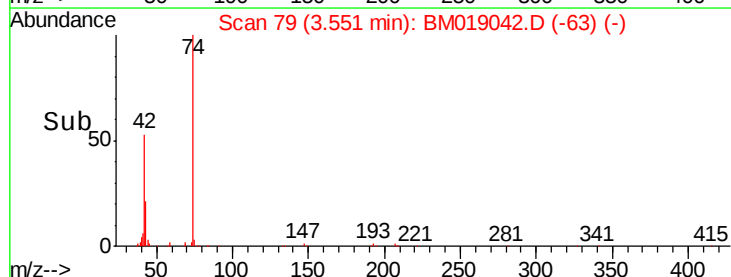
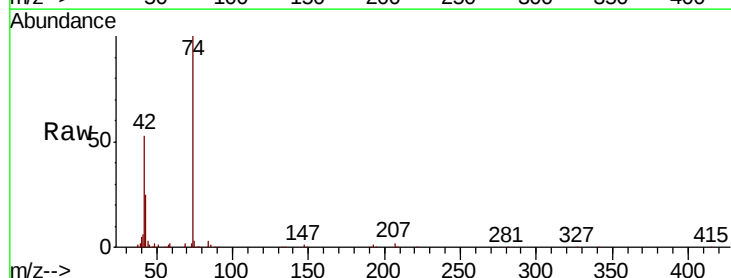
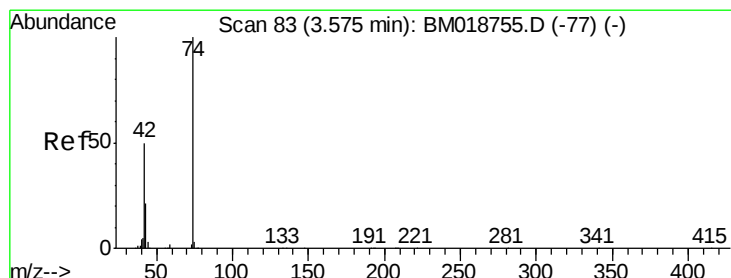
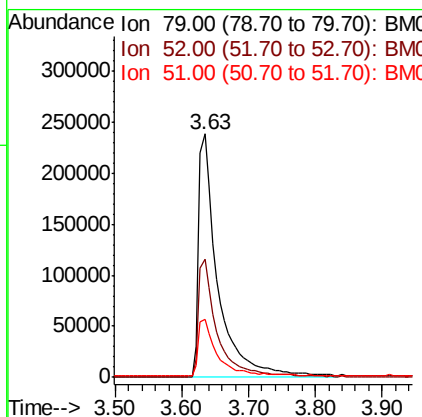
#3
 Pvridine
 Concen: 25.284 ng
 RT: 3.63 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tot Ion	Ratio	Lower	Upper
79	100		
52	48.3	37.6	56.4
51	24.0	19.7	29.5

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

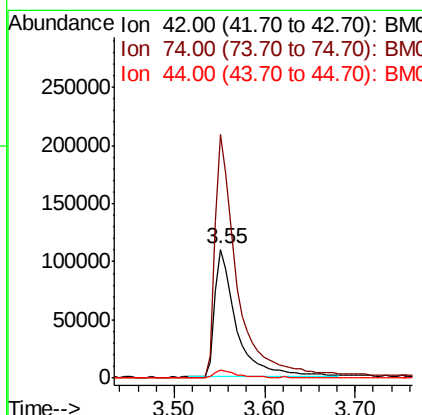
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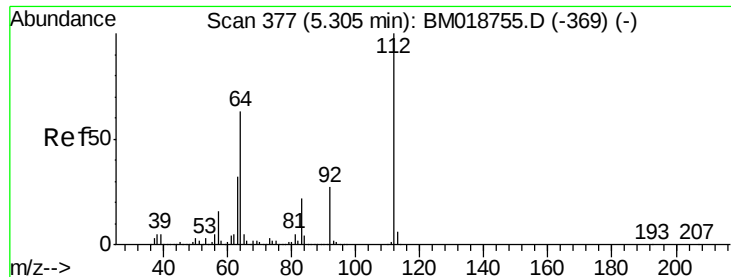
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#4
 n-Nitrosodimethylamine
 Concen: 39.106 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	188.8	158.1	237.1
44	6.2	4.9	7.3





#5

2-Fluorophenol

Concen: 124.645 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

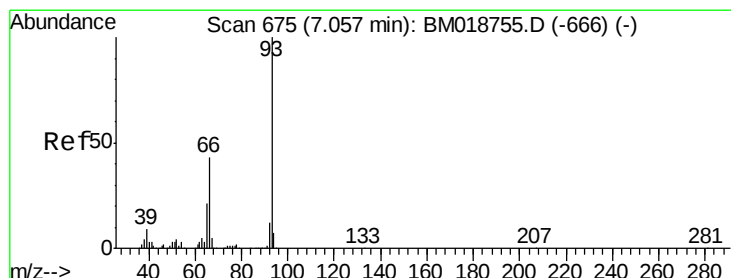
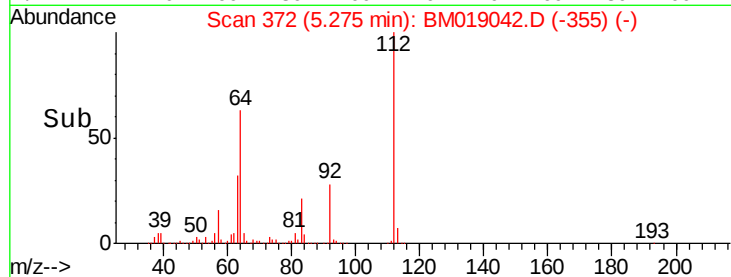
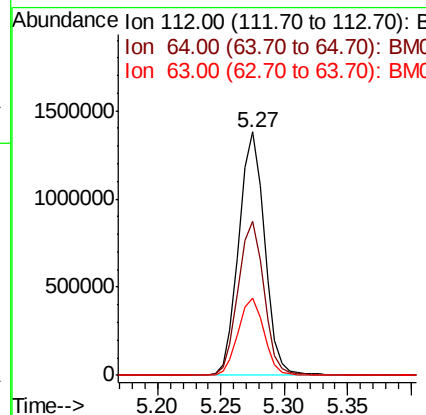
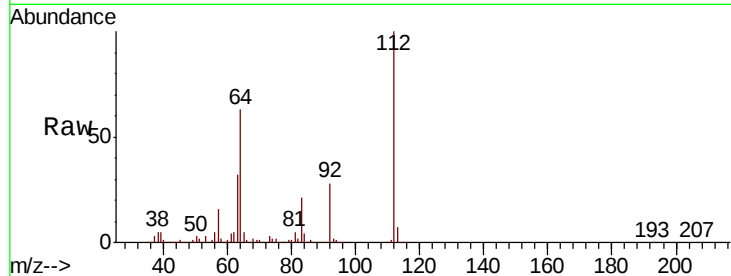
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	112	Resp:	1942753
Ion Ratio	Lower	Upper	
112	100		
64	63.2	50.6	75.8
63	31.7	25.7	38.5

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#6

Aniline

Concen: 15.117 ng

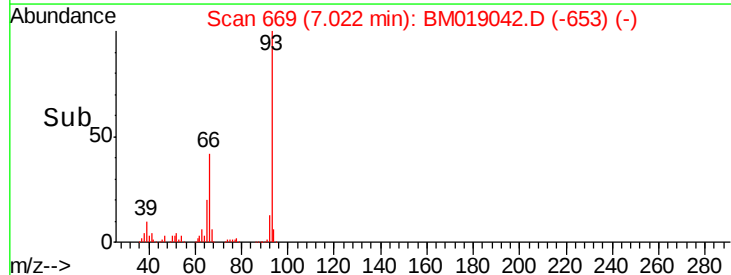
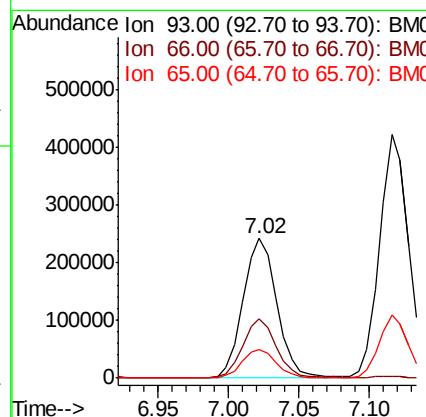
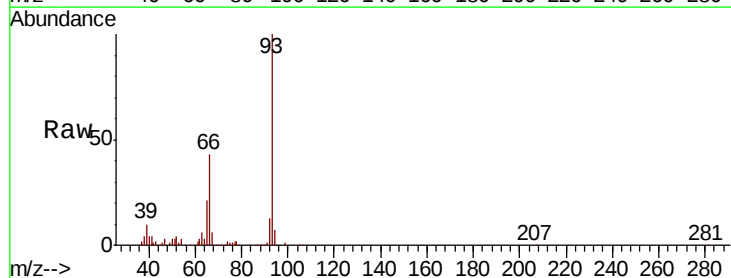
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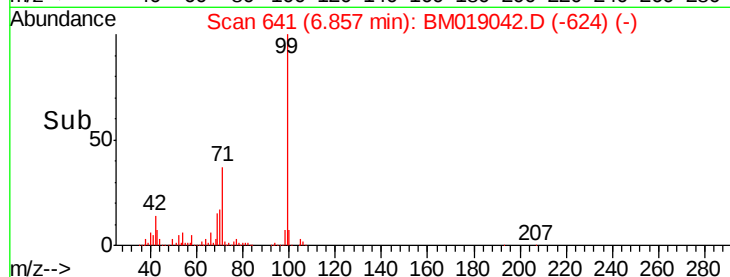
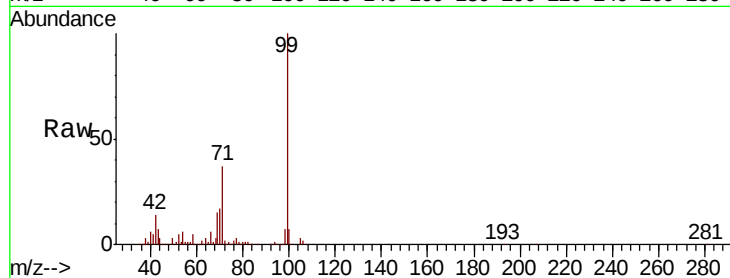
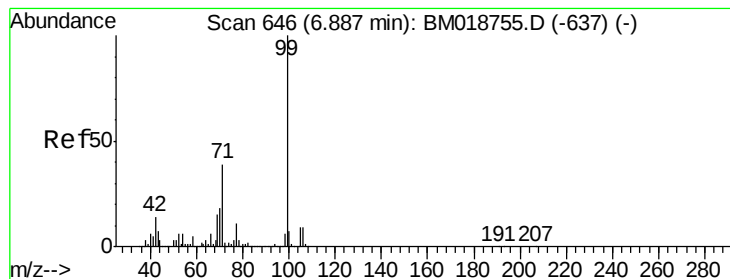
Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:	93	Resp:	406693
Ion Ratio	Lower	Upper	
93	100		
66	42.9	34.1	51.1
65	20.9	16.6	24.8





#7

Phenol-d6

Concen: 121.230 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tot Ion: 99 Resp: 2661894

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

71 37.5 31.3 46.9

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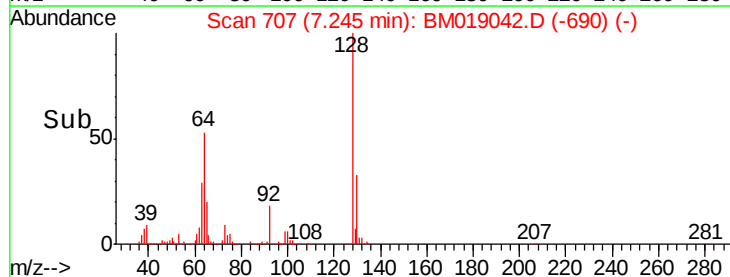
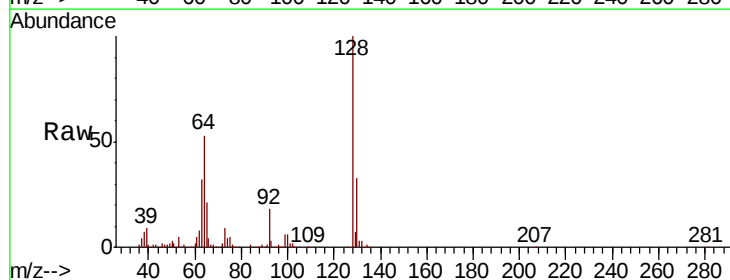
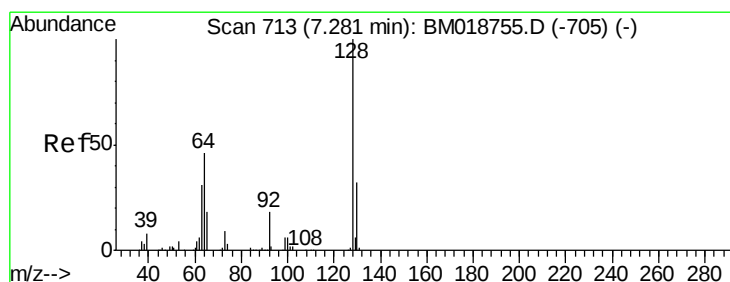
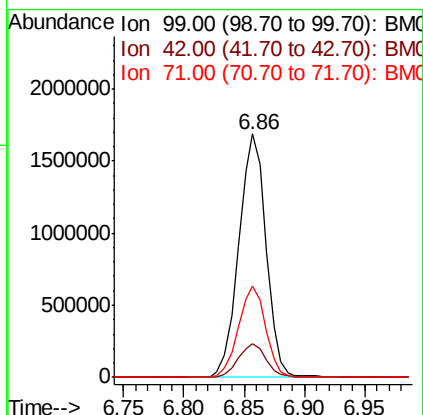
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Manual Integrations

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#8

2-Chlorophenol

Concen: 36.203 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

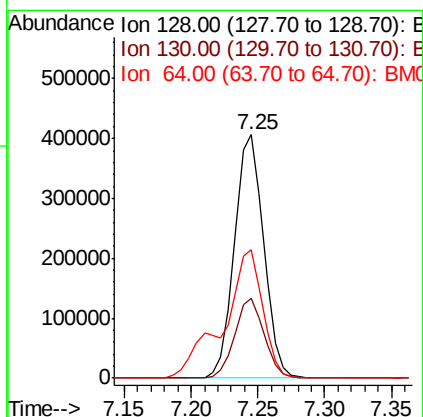
Tgt Ion:128 Resp: 619523

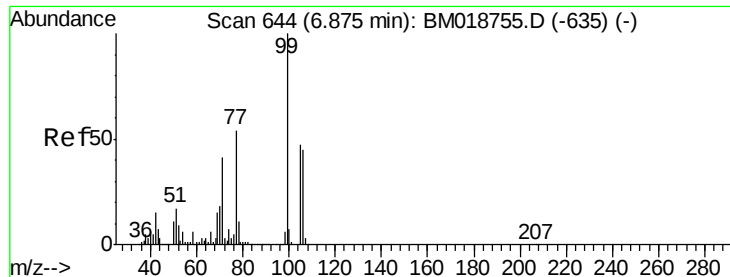
Ion Ratio Lower Upper

128 100

130 32.8 11.7 51.7

64 52.6 31.0 71.0





#9

Benzaldehyde

Concen: 36.167 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

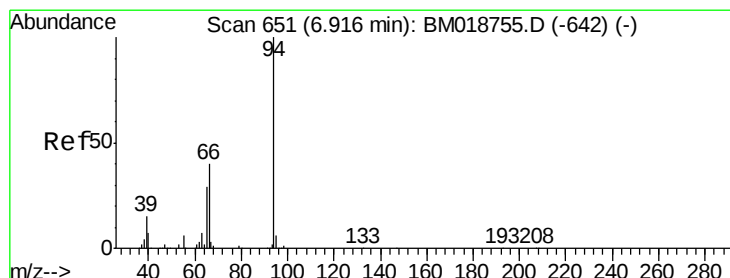
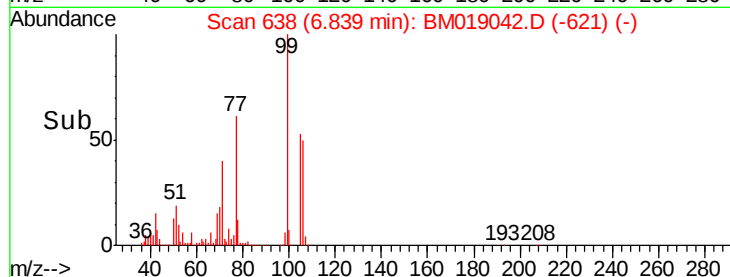
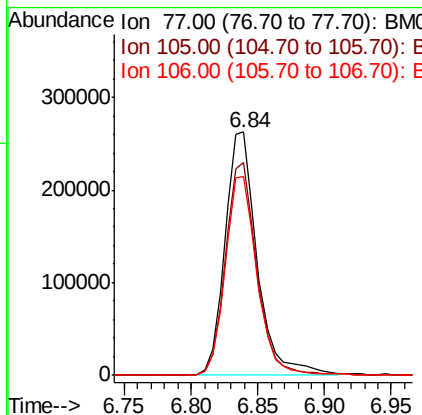
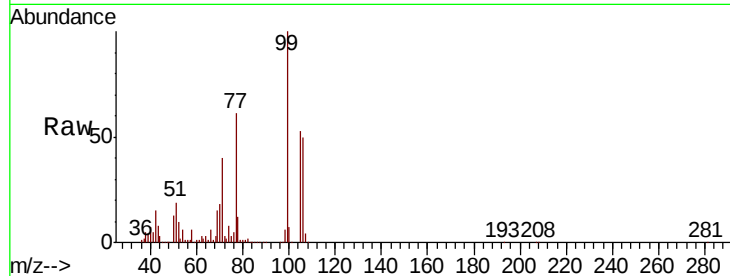
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	77	Resp:	445281
Ion Ratio	Lower	Upper	
77	100		
105	87.2	67.3	107.3
106	81.4	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 39.755 ng

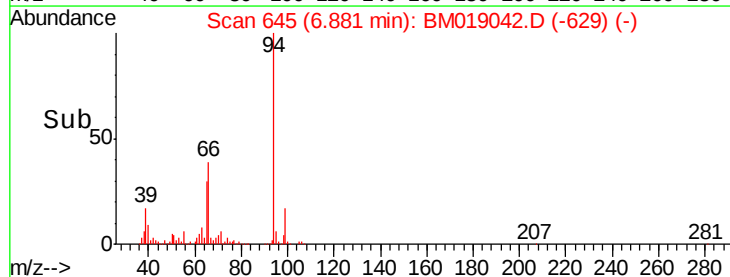
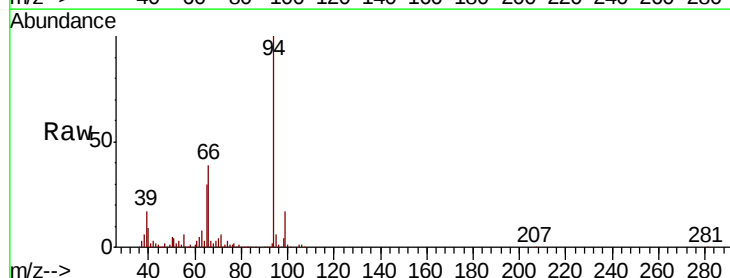
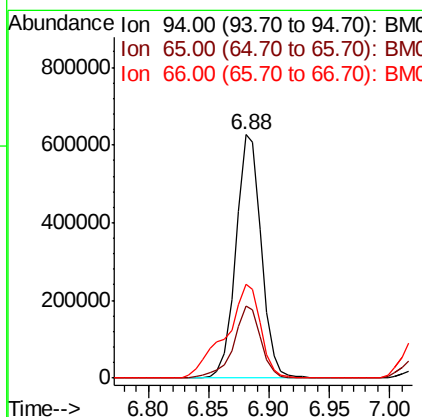
RT: 6.88 min Scan# 645

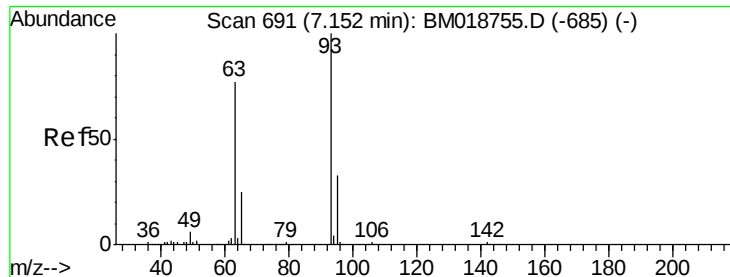
Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:	94	Resp:	918473
Ion Ratio	Lower	Upper	
94	100		
65	29.5	9.6	49.6
66	38.8	20.4	60.4





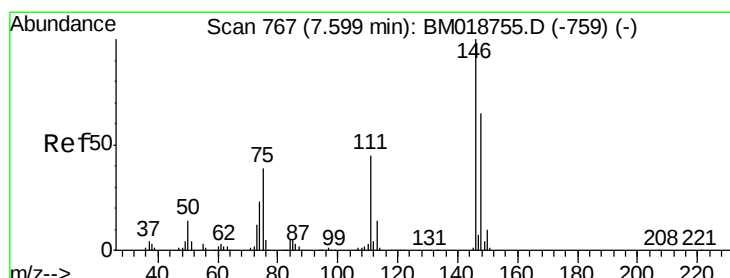
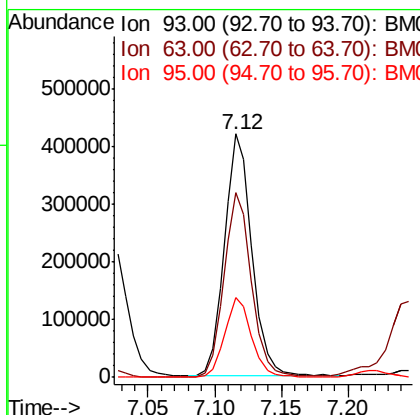
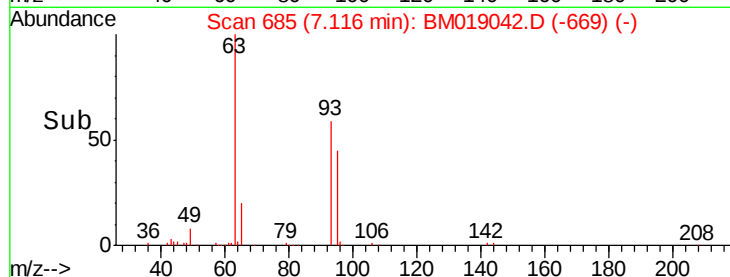
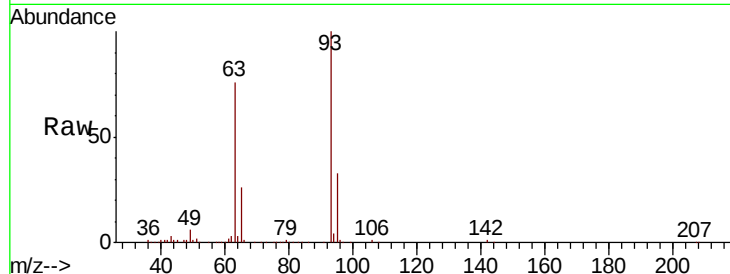
#11
bis(2-Chloroethyl)ether
Concen: 34.164 ng
RT: 7.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	57.0	97.0
95	33.0	12.4	52.4

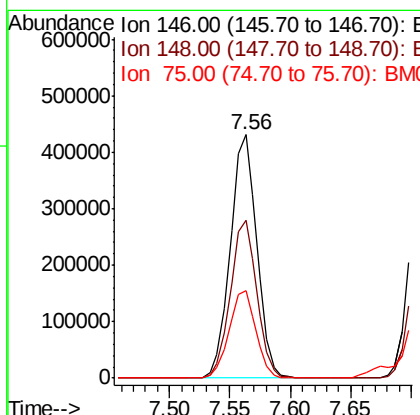
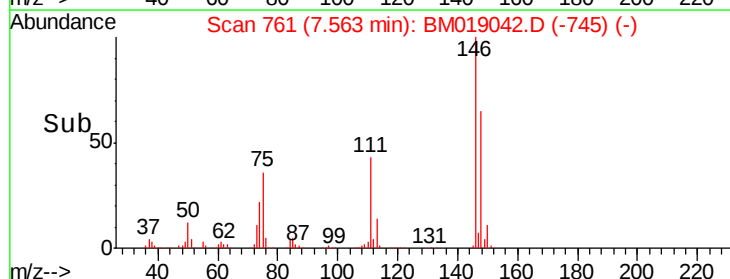
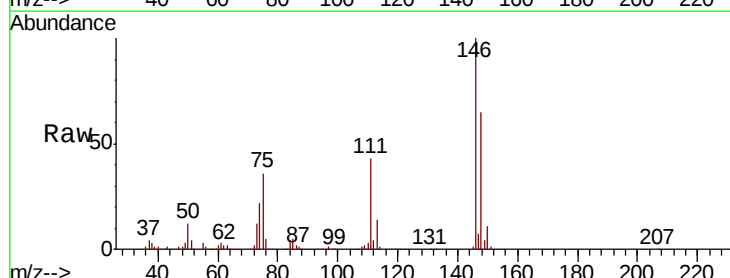
Manual Integrations
APPROVED

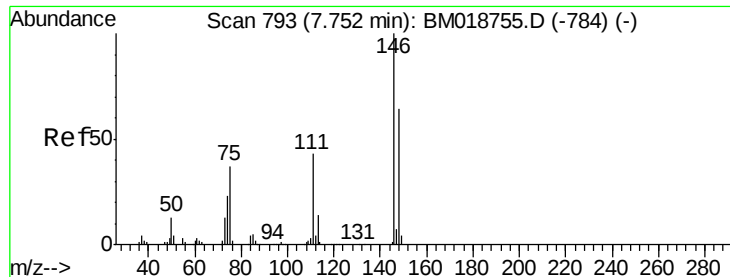
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.281 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
75	36.0	31.3	46.9





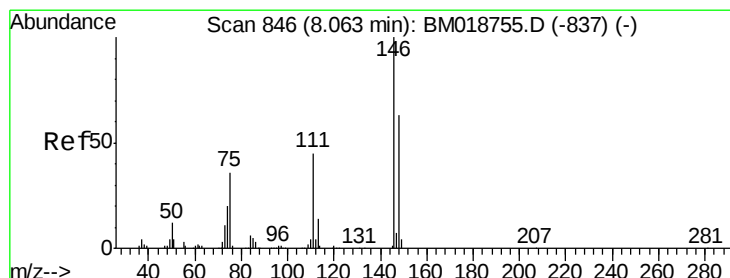
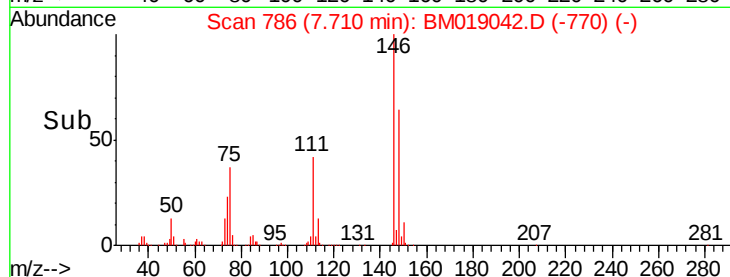
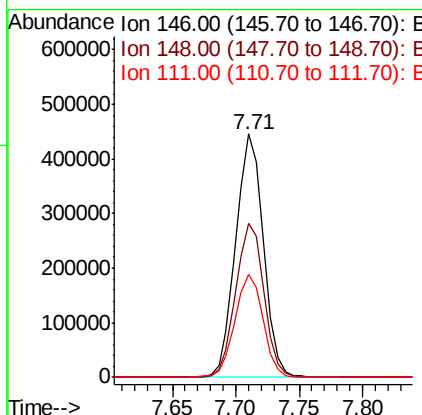
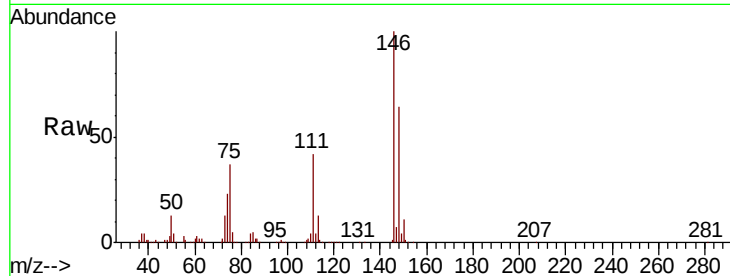
#13
 1,4-Dichlorobenzene
 Concen: 34.299 ng
 RT: 7.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
111	42.0	34.6	52.0

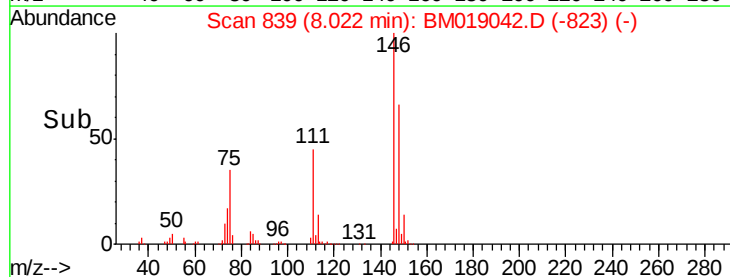
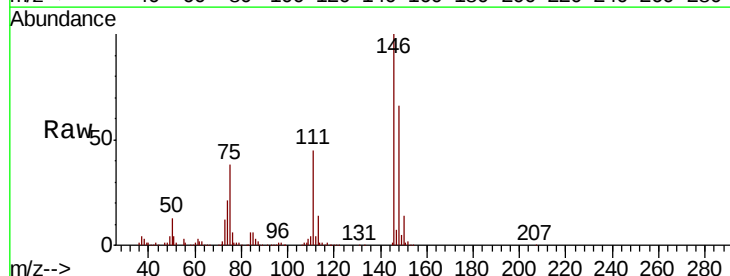
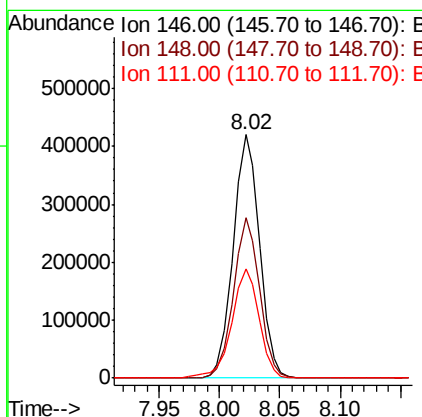
Manual Integrations
 APPROVED

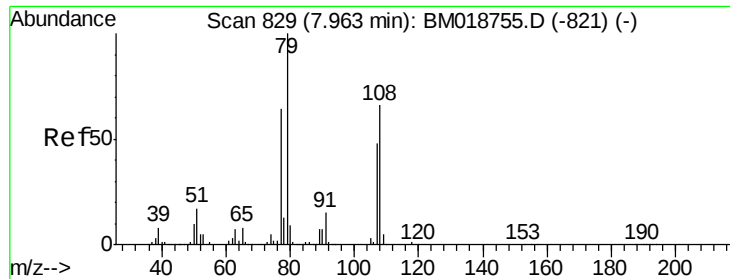
Sohil
 3/6/2019 5:20:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.059 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.7	76.1
111	45.0	35.9	53.9





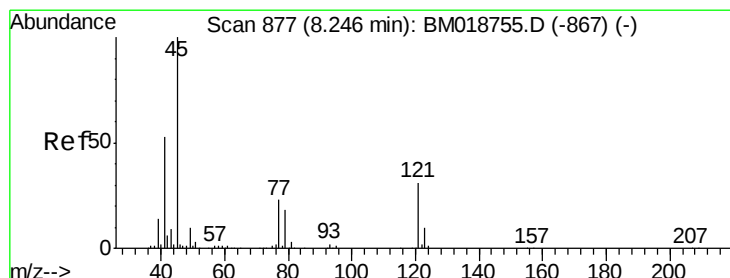
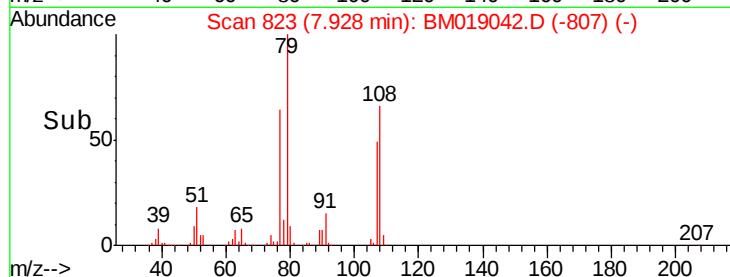
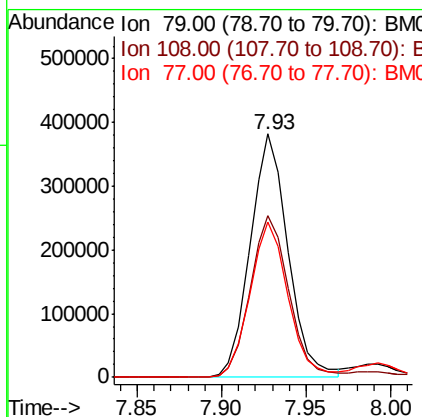
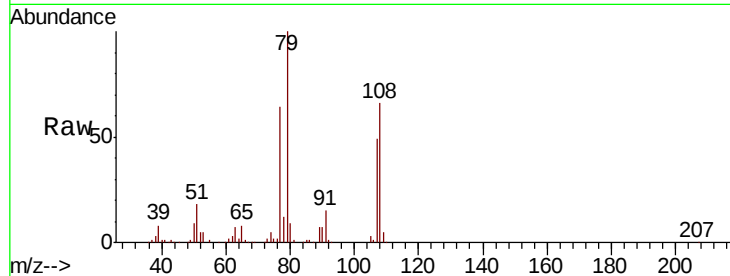
#15
Benzyl Alcohol
Concen: 34.068 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.3	52.7	79.1
77	63.9	51.0	76.4

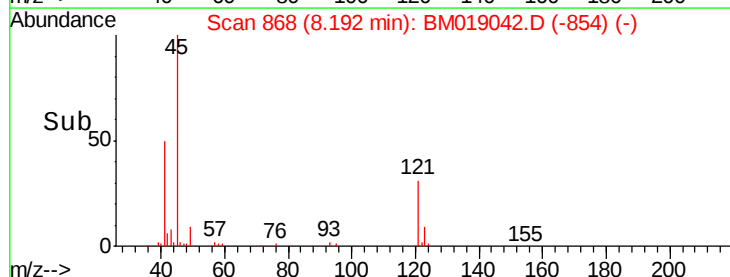
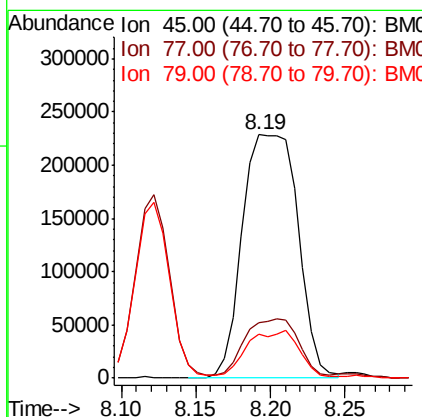
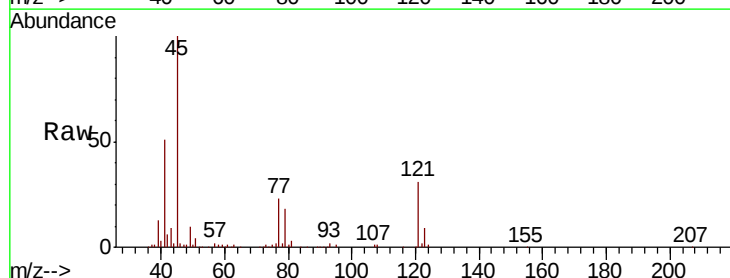
Manual Integrations
APPROVED

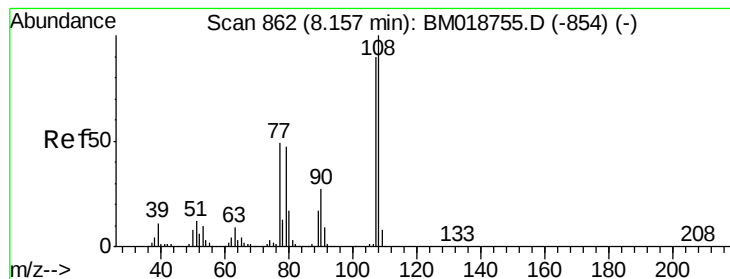
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.585 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.8	5.0	45.0
79	17.8	0.0	39.3





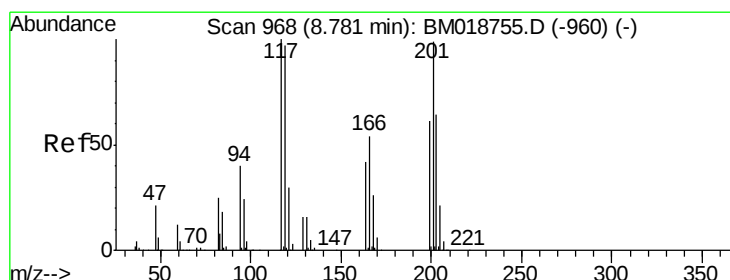
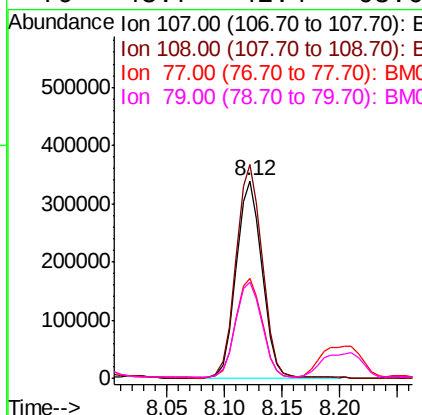
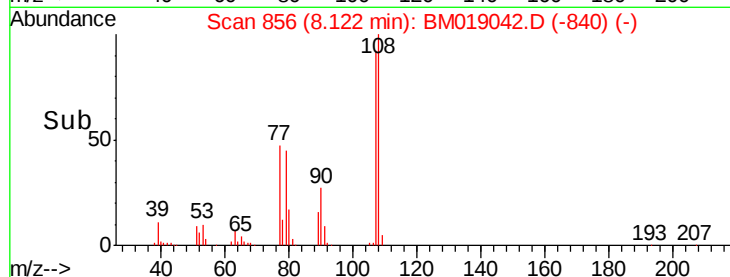
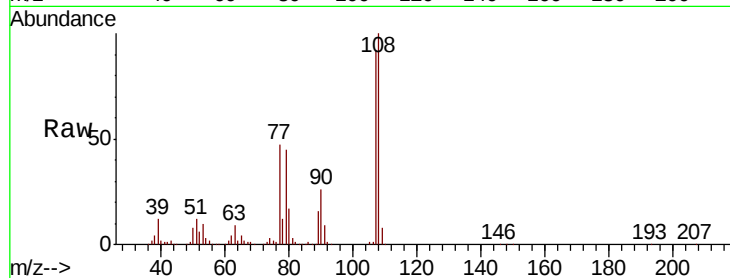
#17
2-Methylphenol
Concen: 35.590 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	88.8	133.2	
77	50.8	44.0	66.0	
79	48.7	42.4	63.6	

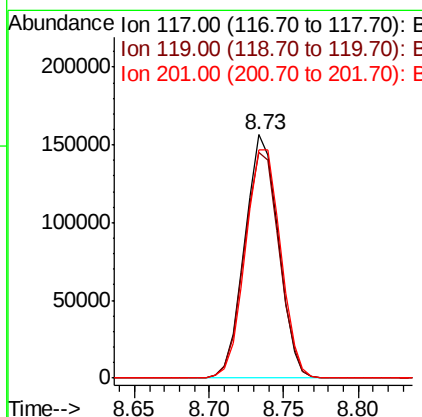
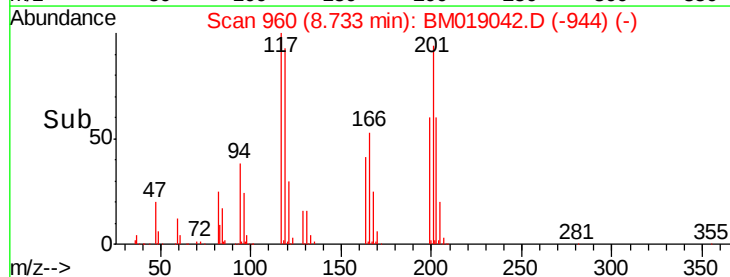
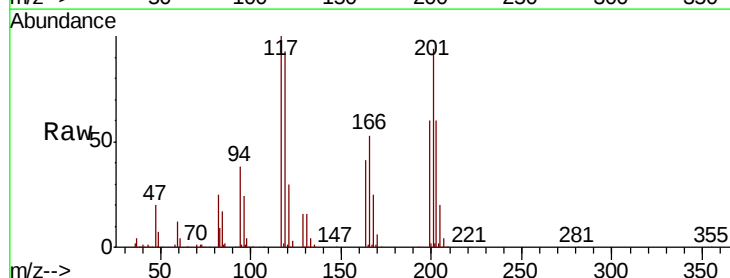
Manual Integrations
APPROVED

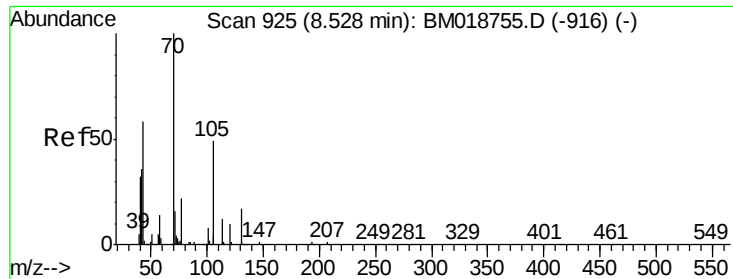
Sohil
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#18
Hexachloroethane
Concen: 34.218 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.7	77.9	116.9	
201	93.5	79.2	118.8	





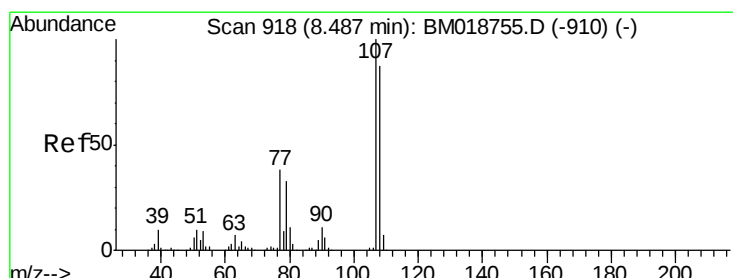
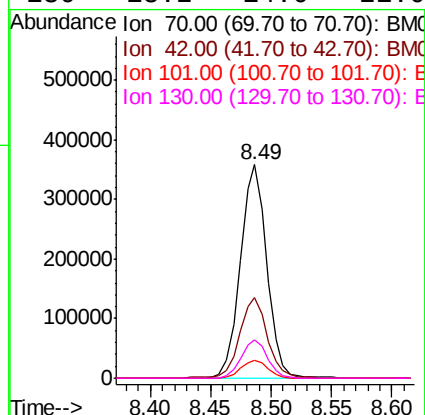
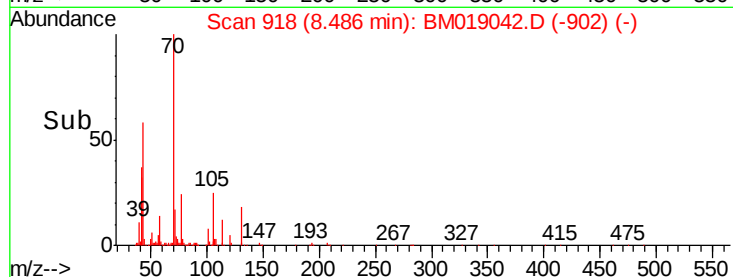
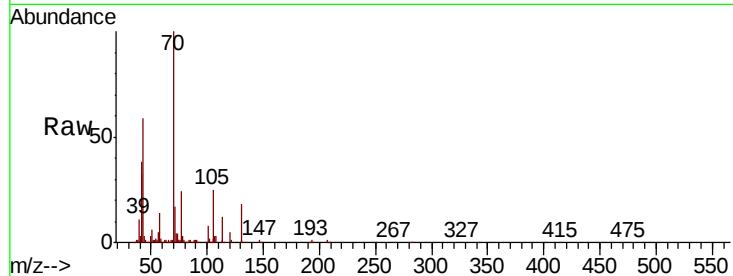
#19
n-Nitroso-di-n-propylamine
Concen: 32.178 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.5	29.4	44.0	
101	8.4	6.7	10.1	
130	18.2	14.0	21.0	

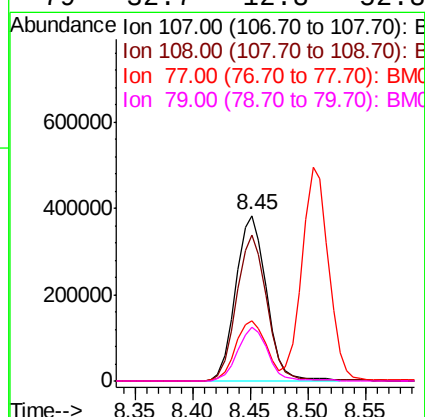
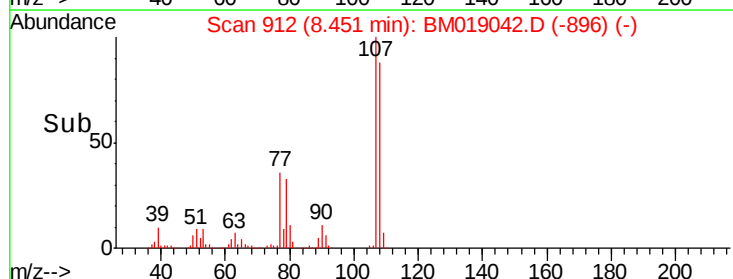
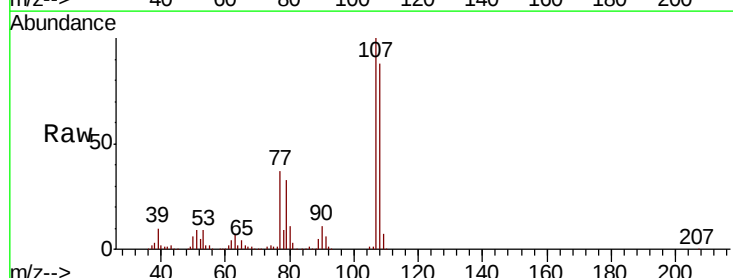
Manual Integrations
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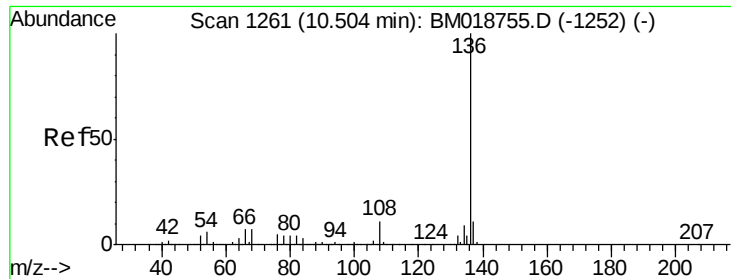
Sohil
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#20
3+4-Methylphenols
Concen: 34.950 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	67.3	107.3	
77	36.6	18.0	58.0	
79	32.7	12.8	52.8	





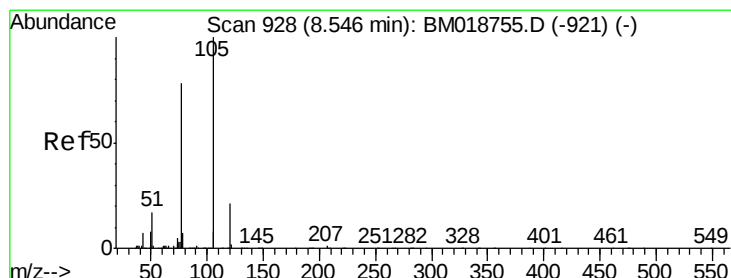
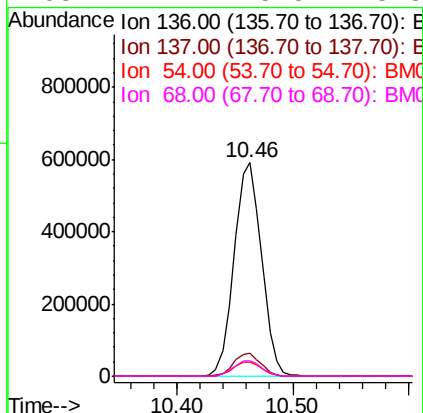
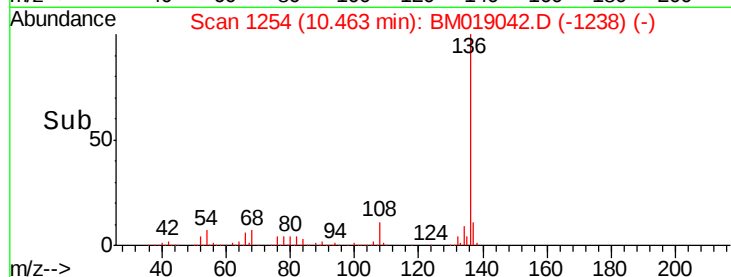
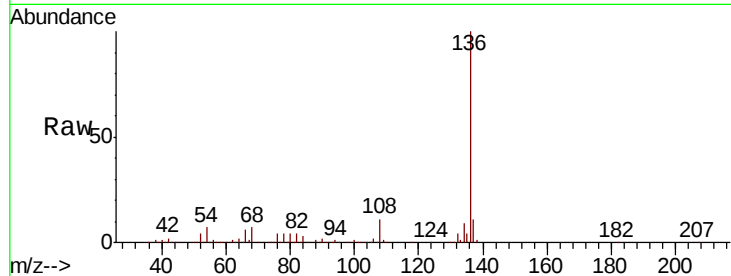
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	974514		
137	10.9		8.8	13.2
54	6.7		5.0	7.6
68	7.1		5.5	8.3

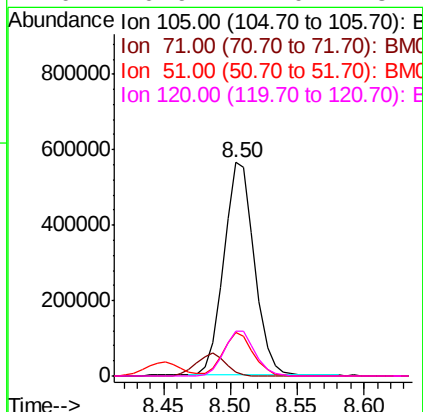
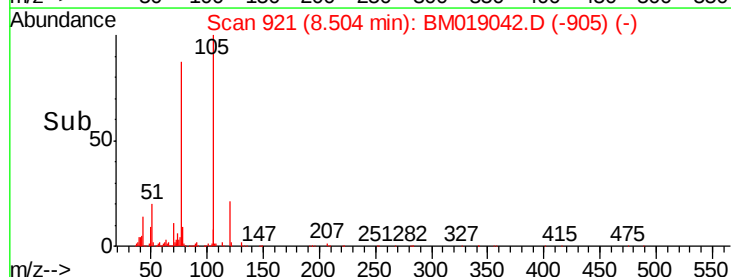
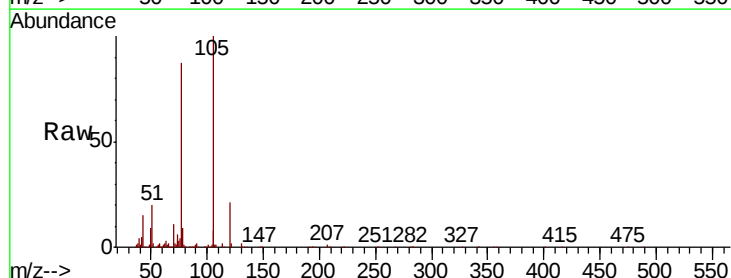
Manual Integrations
APPROVED

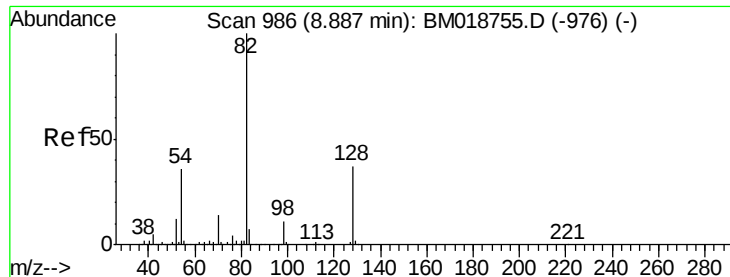
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#22
Acetophenone
Concen: 33.890 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	906964		
71	1.7		1.1	1.7
51	20.4		15.5	23.3
120	20.9		17.0	25.4





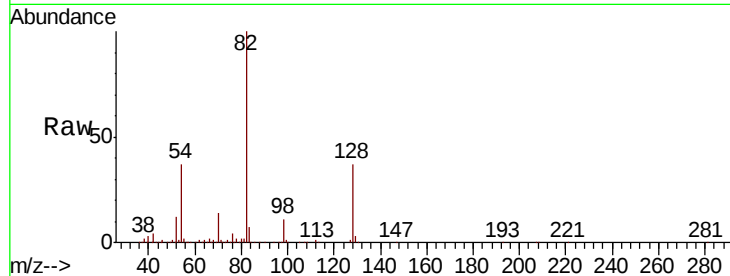
#23
Nitrobenzene-d5
Concen: 79.211 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.9	44.9
54	37.3	29.1	43.7

Manual Integrations
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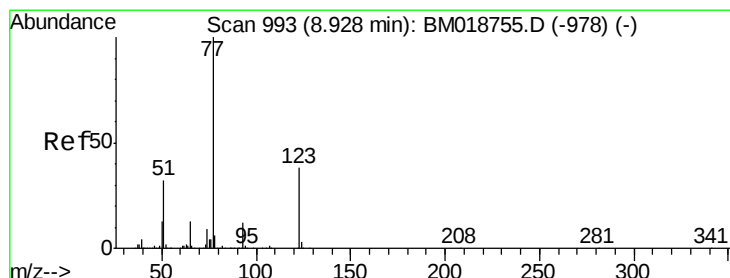
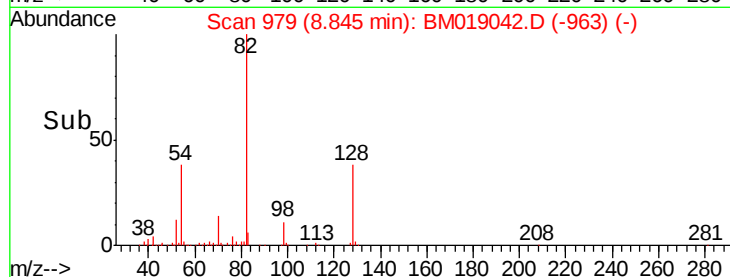
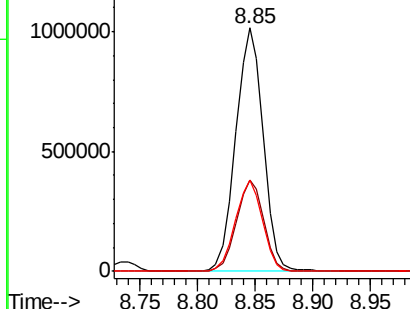
Sohil
3/6/2019 5:20:32 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



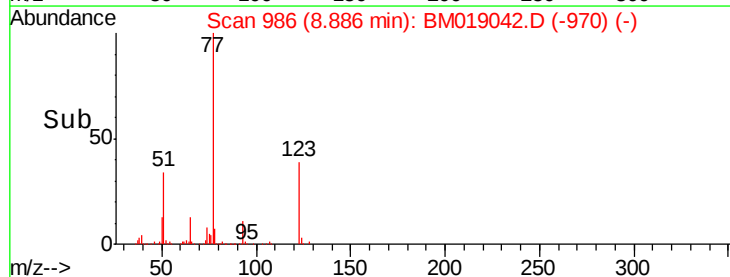
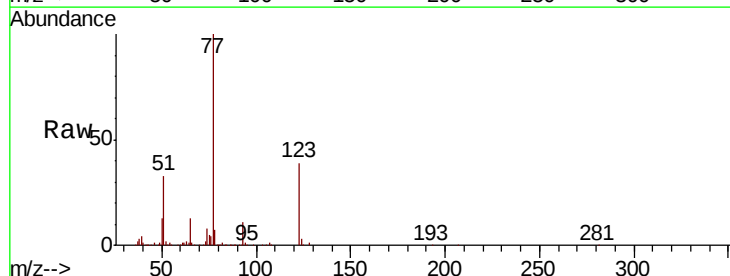
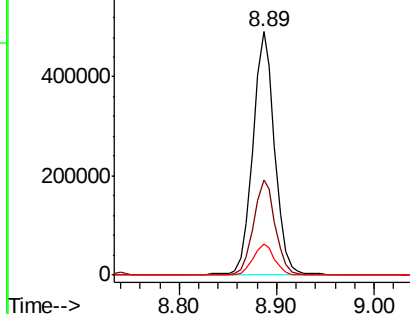
#24
Nitrobenzene
Concen: 35.298 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

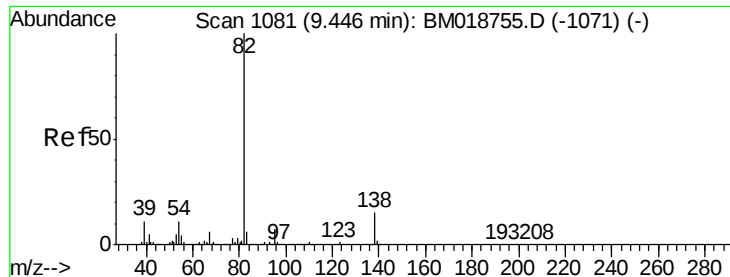
Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	30.7	46.1
65	12.8	10.5	15.7

Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





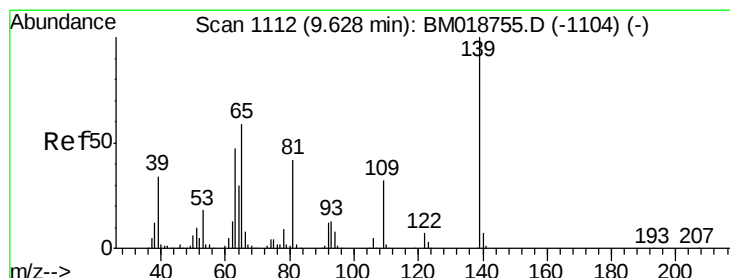
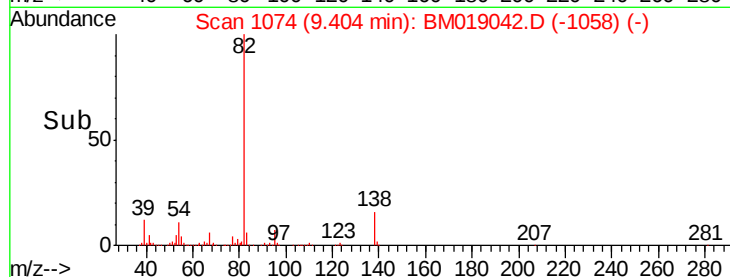
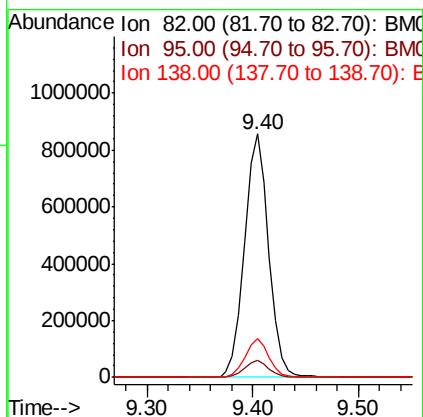
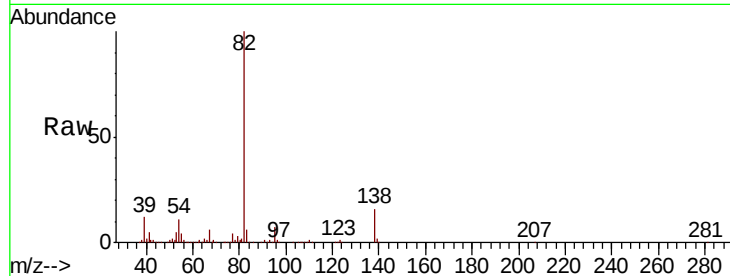
#25
Isophorone
Concen: 40.333 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ion	Ratio	Lower	Upper
82	82	100		
95	95	6.8	5.7	8.5
138	138	15.7	12.3	18.5

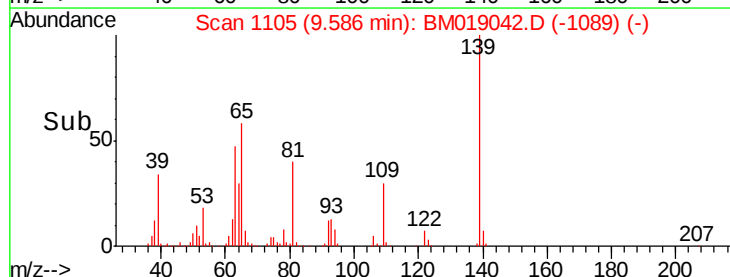
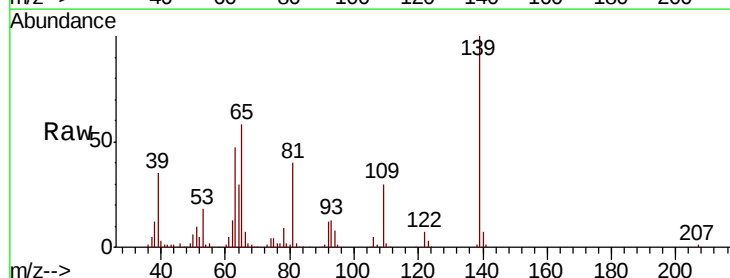
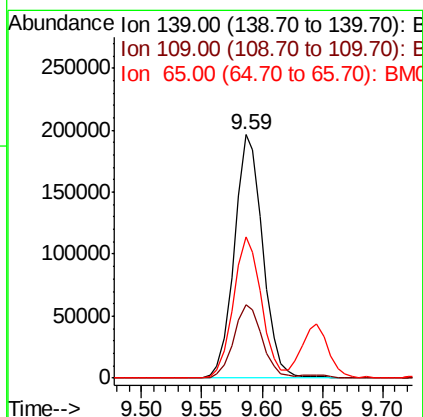
Manual Integrations
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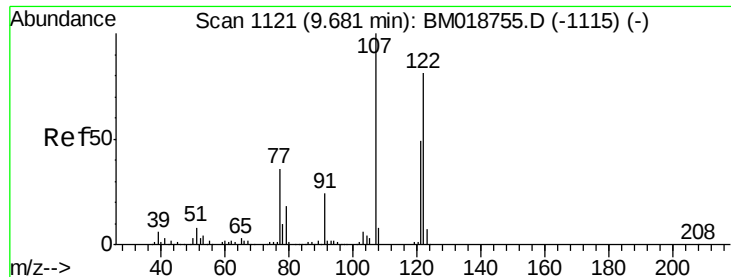
Sohil
3/6/2019 5:20:32 PM



#26
2-Nitrophenol
Concen: 37.100 ng
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
139	139	100		
109	109	30.3	25.2	37.8
65	65	58.1	47.0	70.4





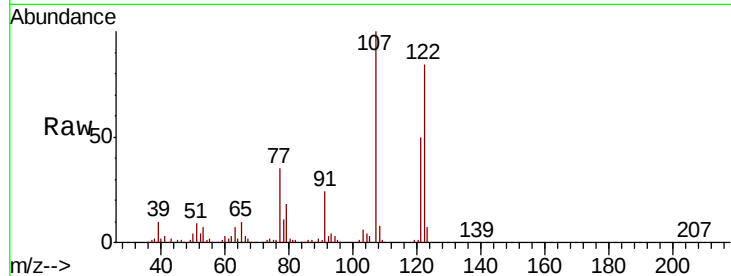
#27
2,4-Dimethylphenol
Concen: 43.319 ng
RT: 9.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	97.6	146.4
121	59.7	47.9	71.9

Manual Integrations
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Sohil
3/6/2019 5:20:32 PM

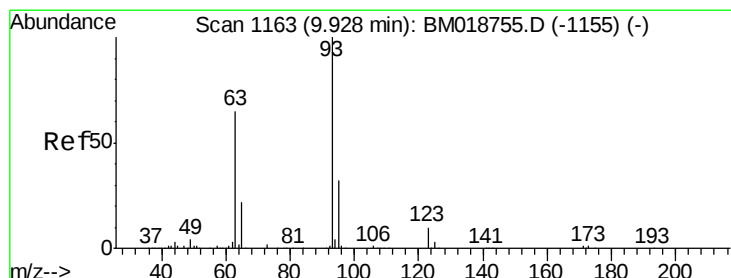
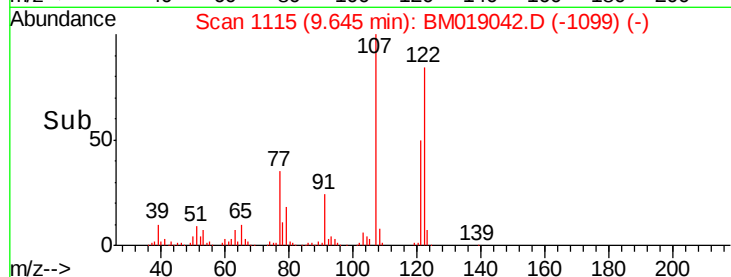
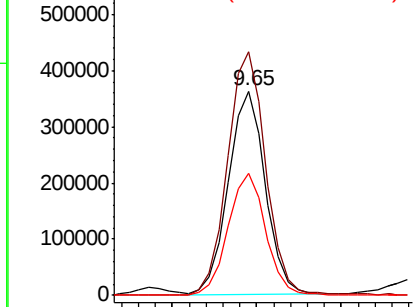


Abundance

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: 37.233 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

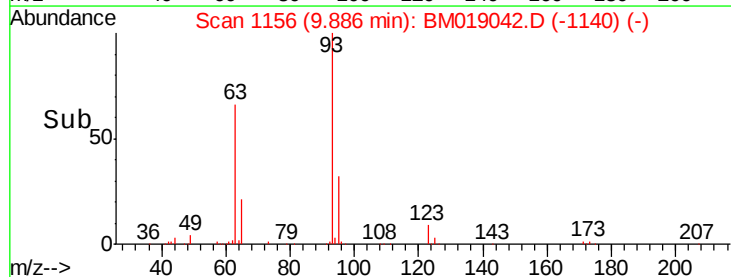
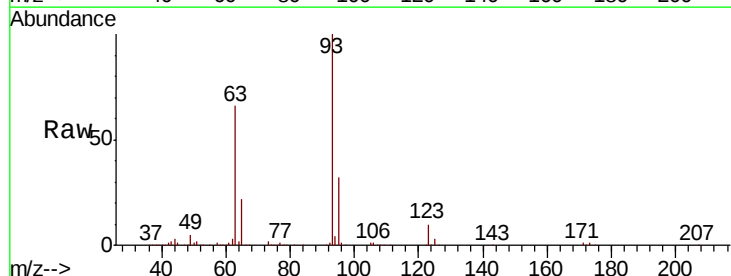
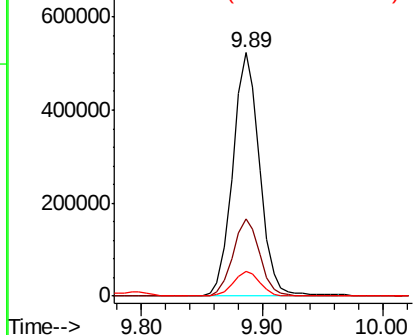
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.6	38.4
123	10.0	8.2	12.4

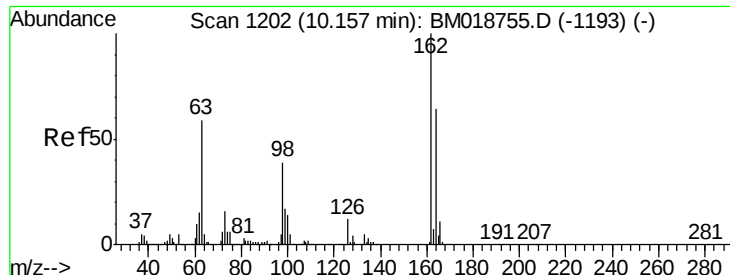
Abundance

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





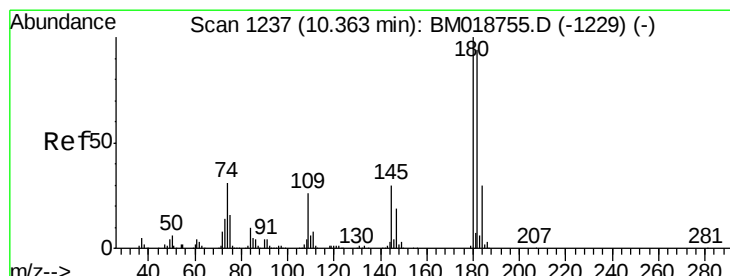
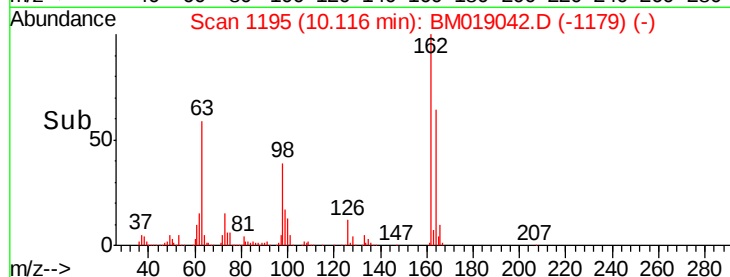
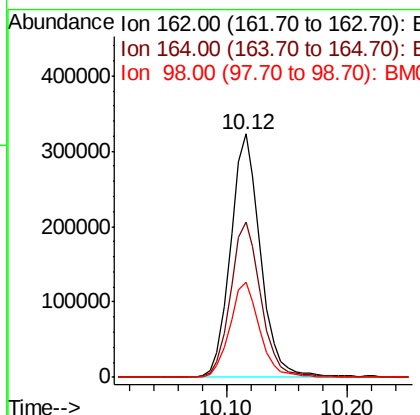
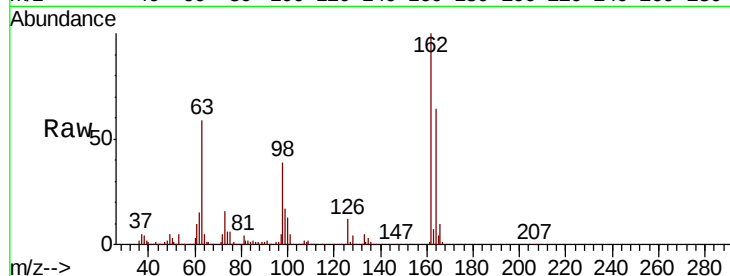
#29
2,4-Dichlorophenol
Concen: 38.027 ng
RT: 10.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.1	84.1
98	38.9	19.4	59.4

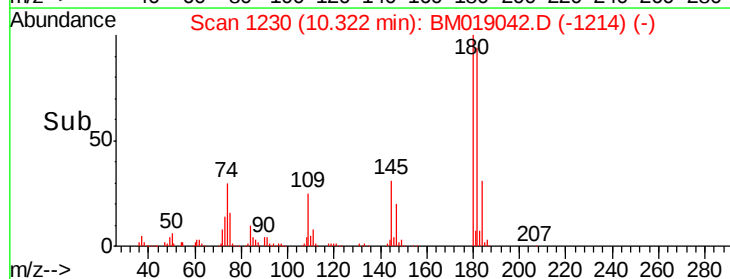
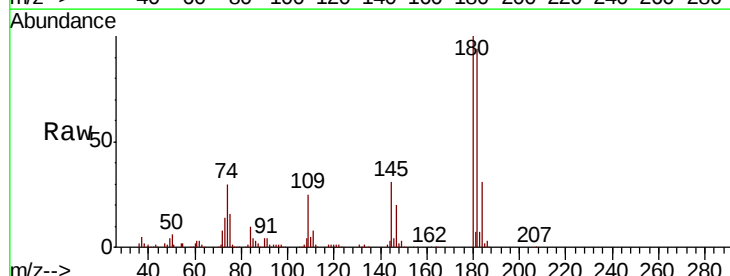
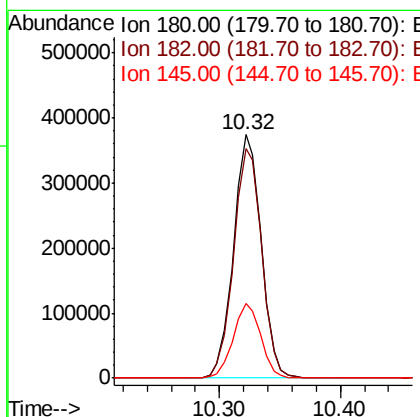
Manual Integrations
APPROVED

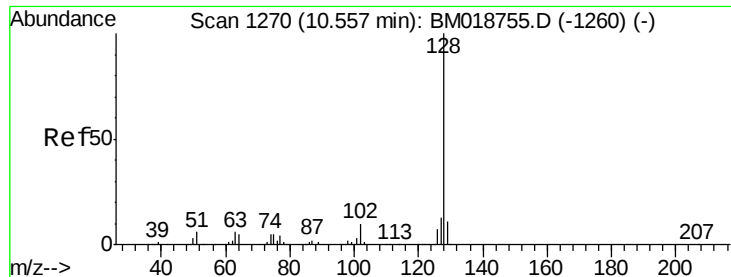
Sohil
3/6/2019 5:20:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.416 ng
RT: 10.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	75.0	112.6
145	30.5	24.1	36.1





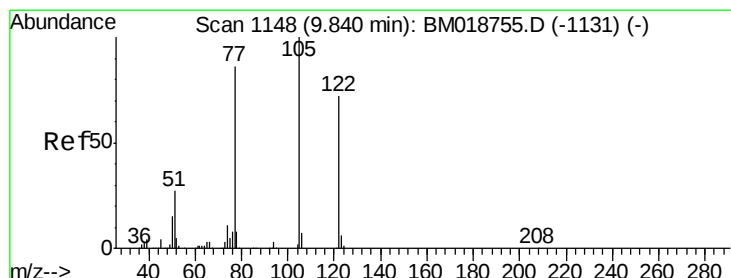
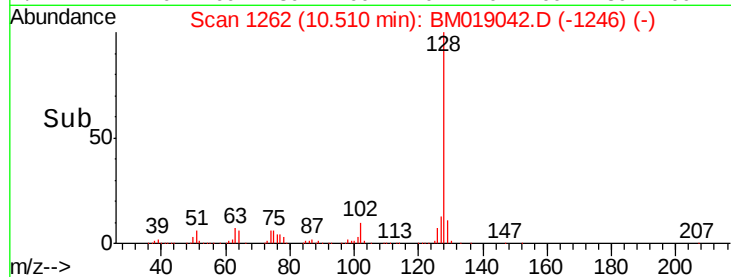
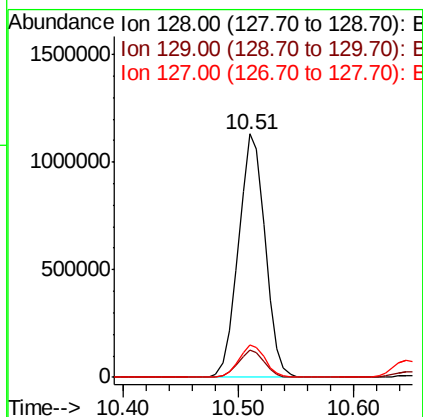
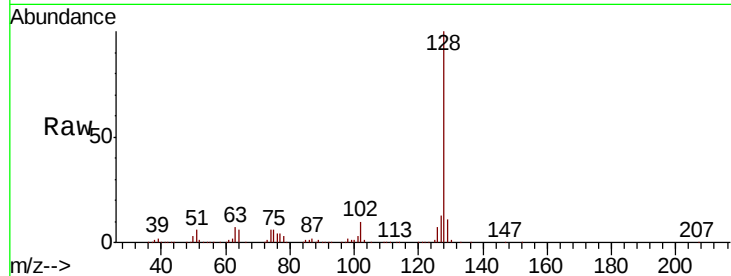
#31
Naphthalene
Concen: 38.060 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.7	16.1

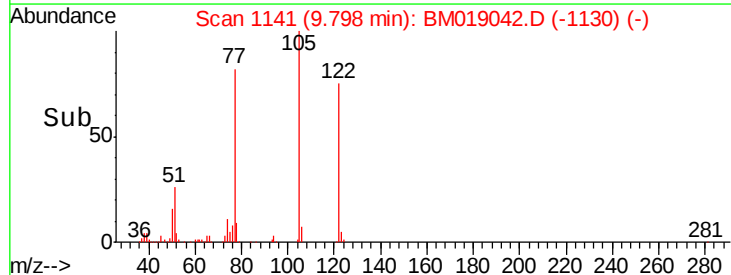
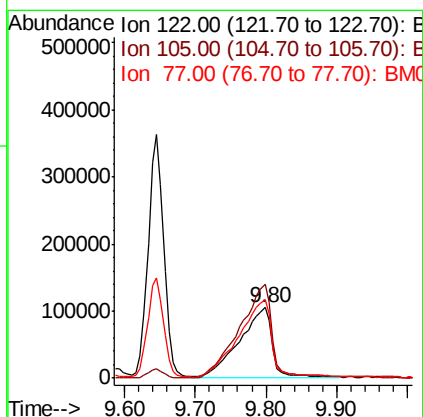
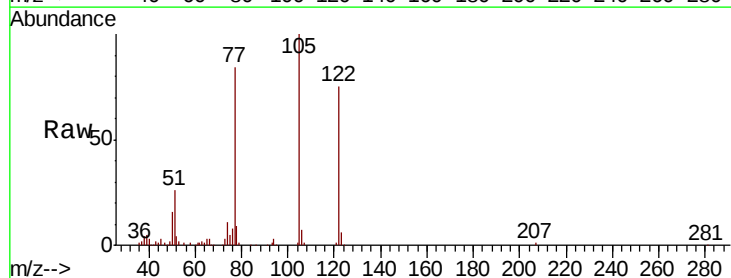
Manual Integrations
APPROVED

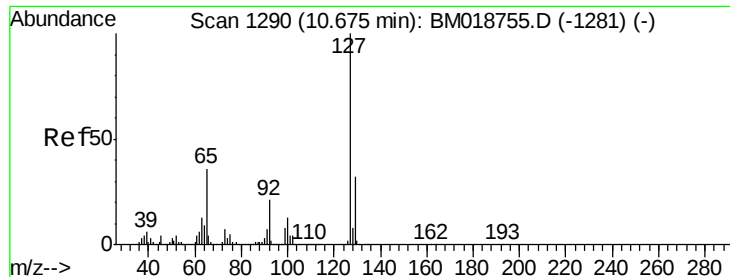
Sohil
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#32
Benzoic acid
Concen: 31.477 ng m
RT: 9.80 min Scan# 1141
Delta R.T. -0.04 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.2	117.5	157.5
77	111.5	98.5	138.5





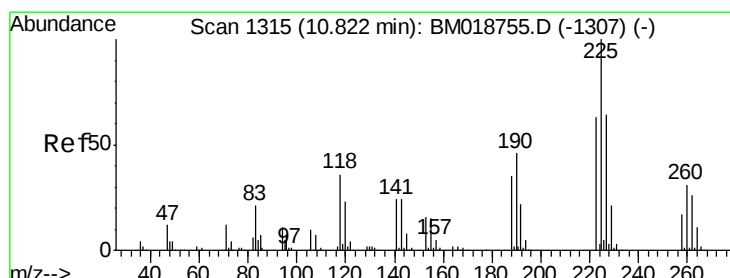
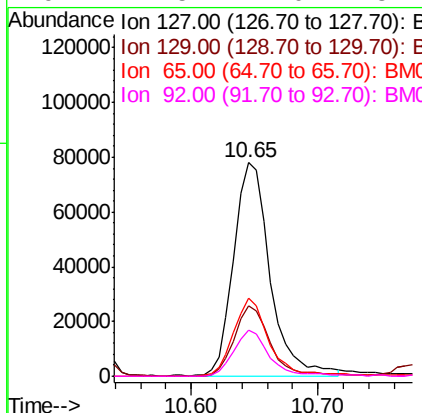
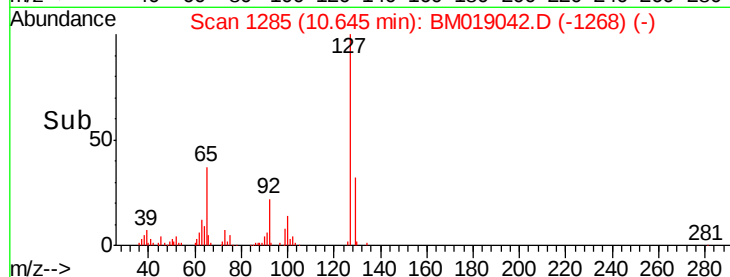
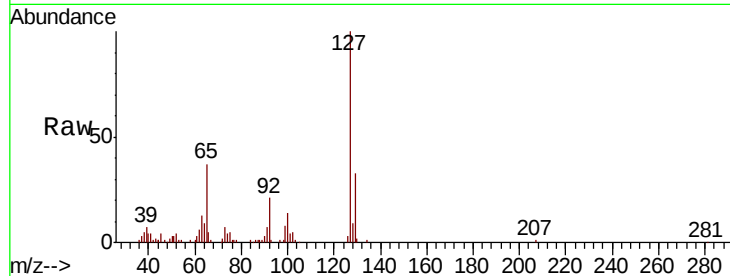
#33
4-Chloroaniline
Concen: 7.363 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	25.7	38.5		
65	36.6	28.7	43.1		
92	21.5	17.0	25.4		

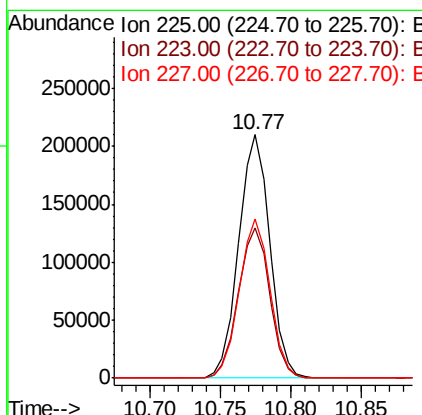
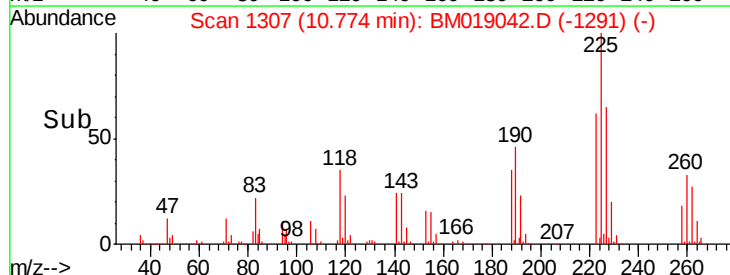
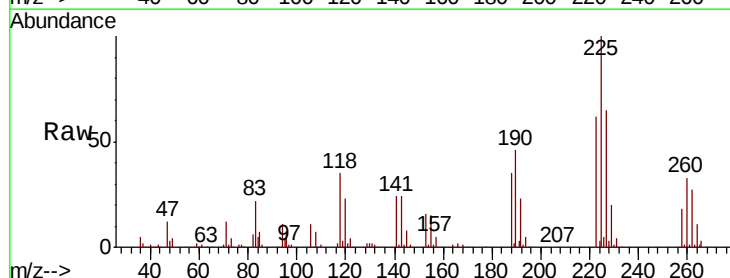
Manual Integrations
APPROVED

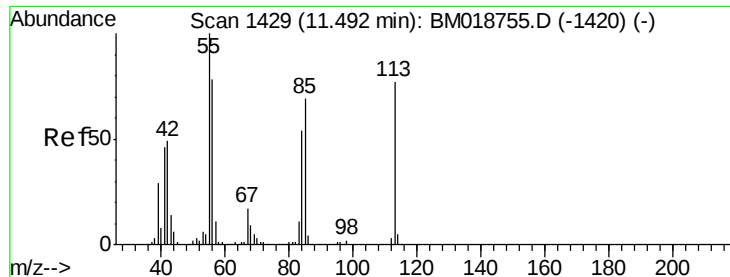
Sohil
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#34
Hexachlorobutadiene
Concen: 33.112 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.1	75.1		
227	65.3	51.4	77.0		





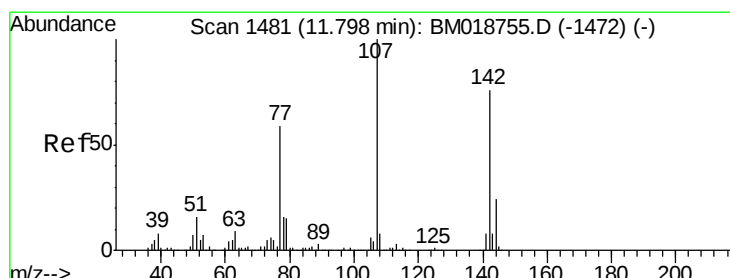
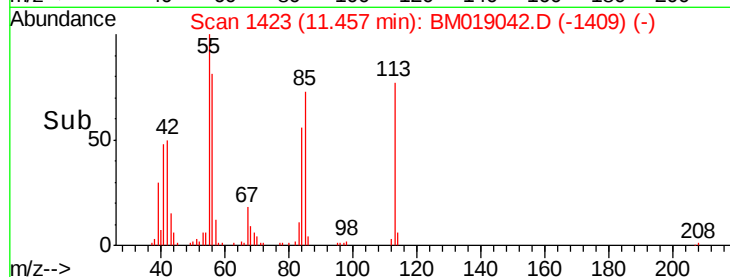
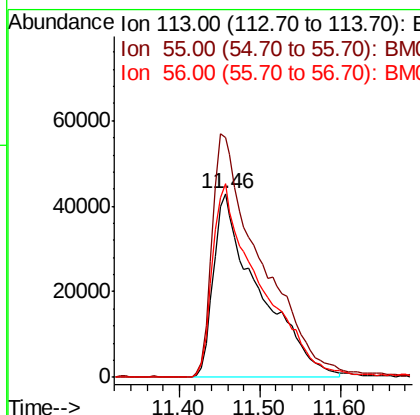
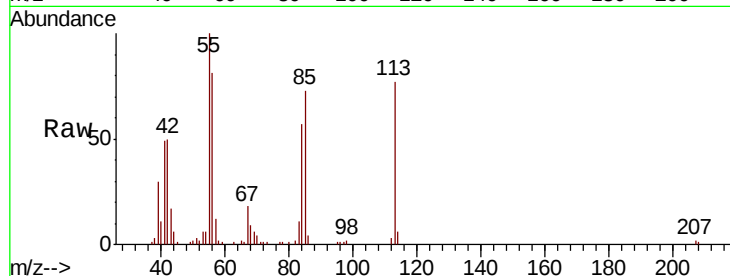
#35
Caprolactam
Concen: 28.238 ng/ml
RT: 11.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.4	110.7	150.7
56	105.8	82.4	122.4

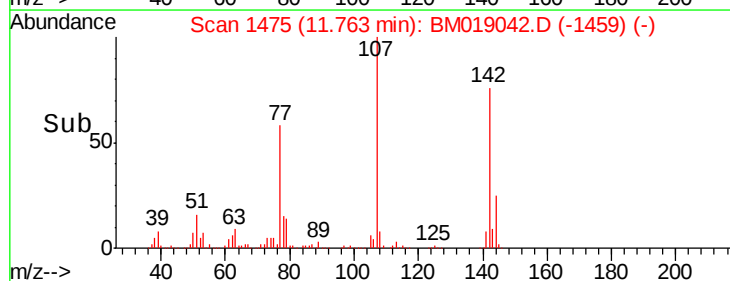
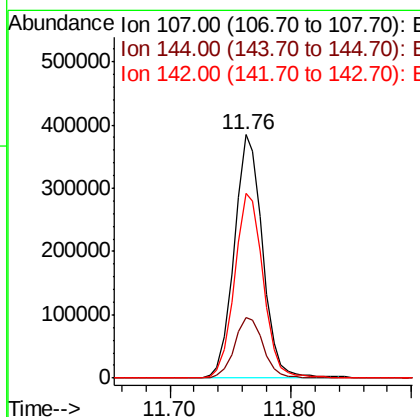
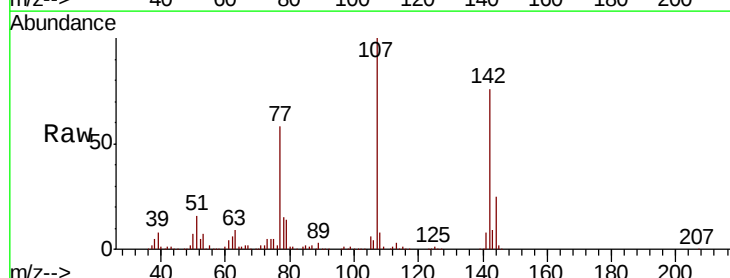
Manual Integrations
APPROVED

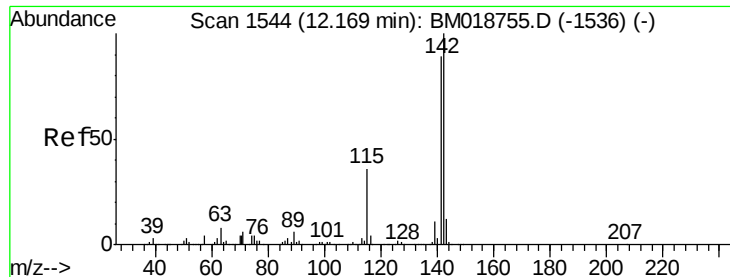
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 35.659 ng/ml
RT: 11.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.3	28.9
142	76.1	60.5	90.7





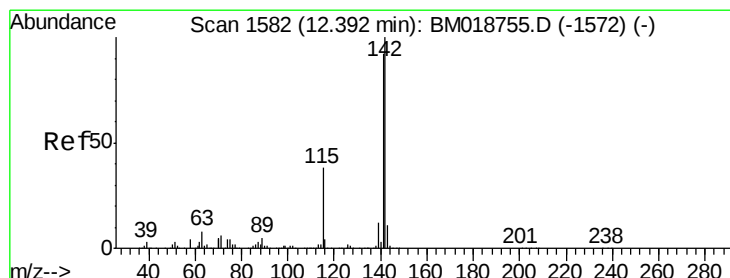
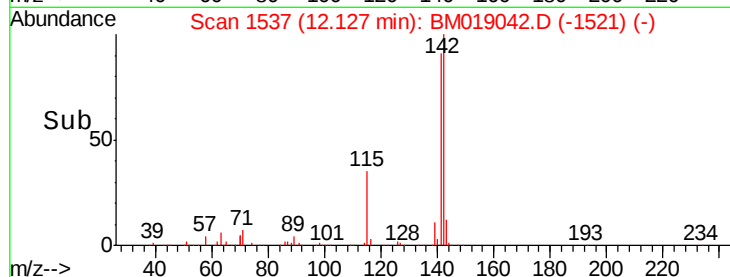
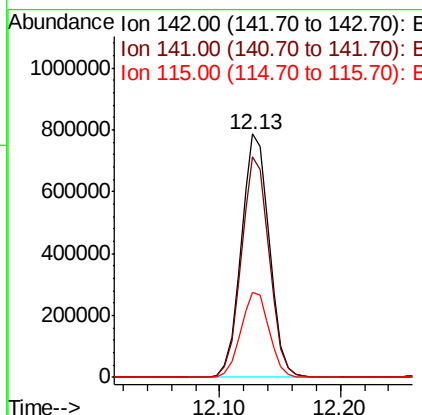
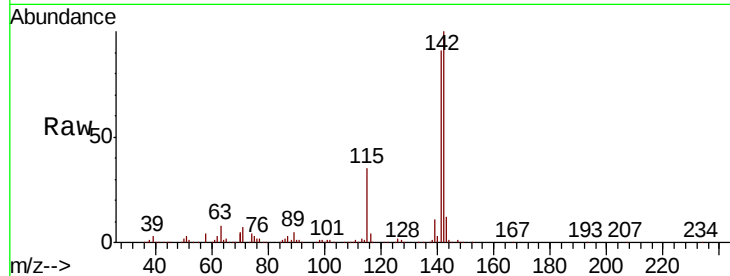
#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 12.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.2	106.8
115	35.0	29.1	43.7

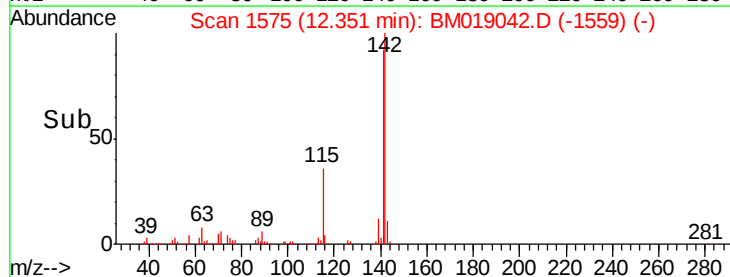
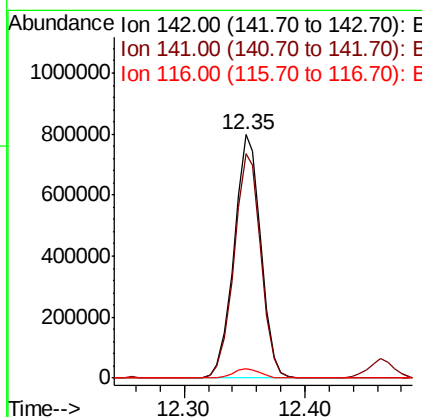
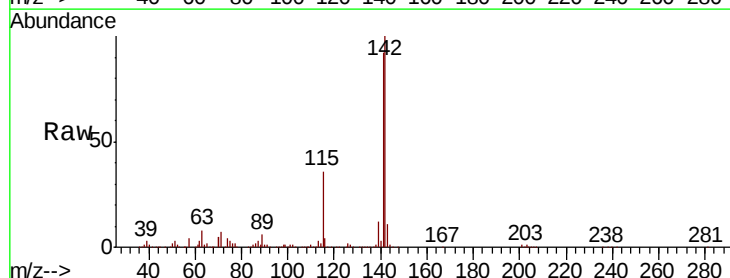
Manual Integrations
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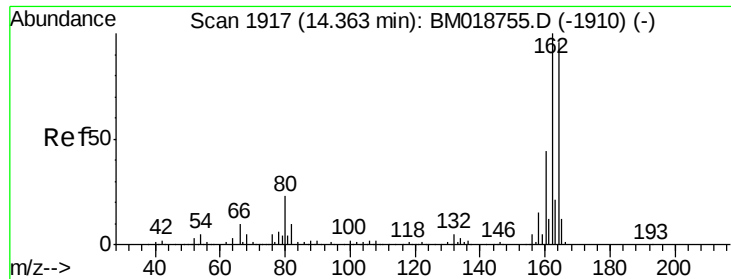
Sohil
3/6/2019 5:20:32 PM



#38
1-Methylnaphthalene
Concen: 37.448 ng
RT: 12.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9
116	3.7	3.0	4.4





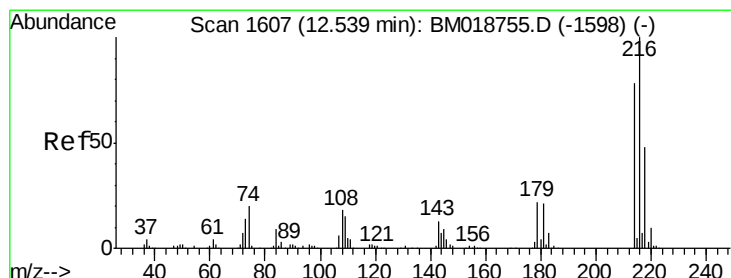
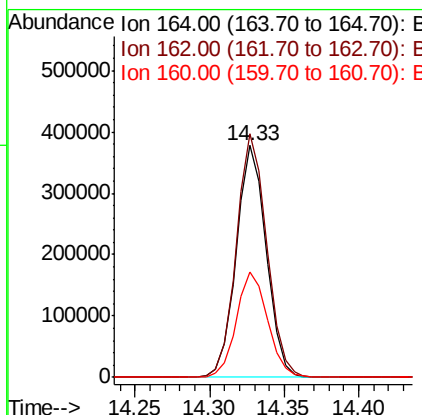
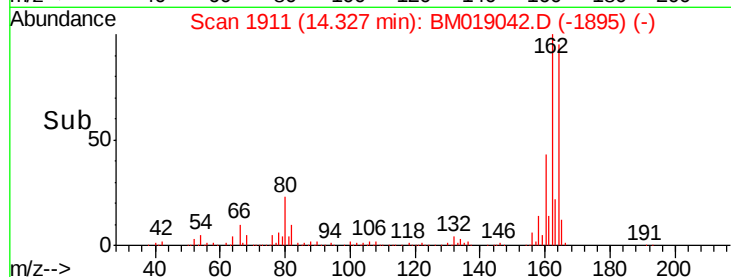
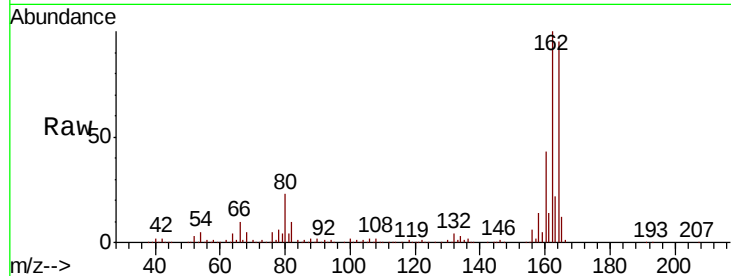
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.4	125.0
160	45.2	36.6	55.0

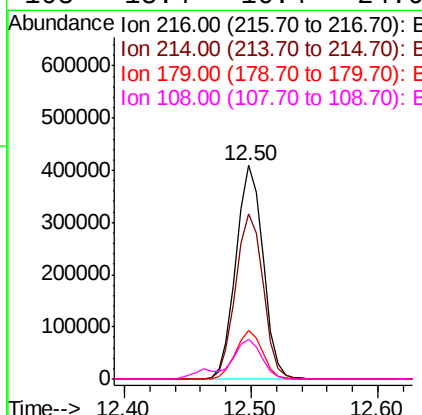
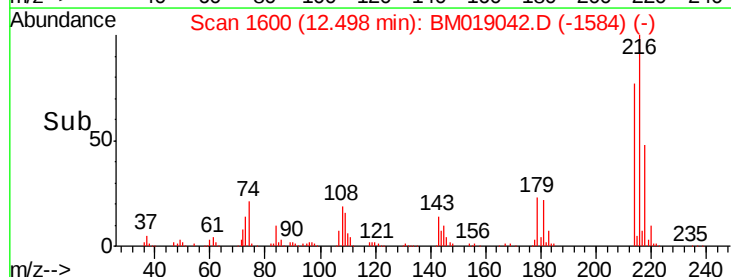
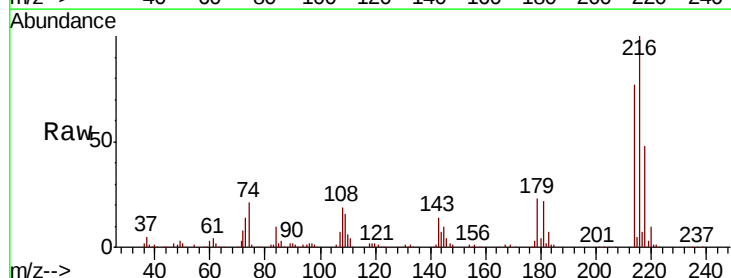
Manual Integrations
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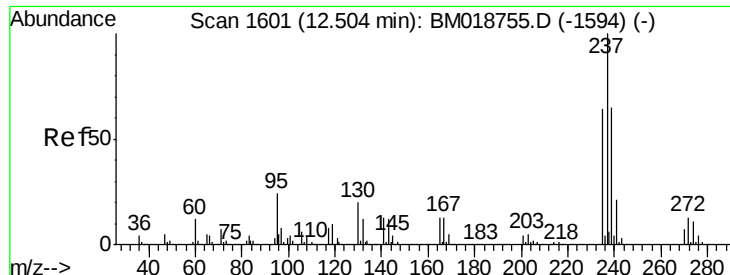
Sohil
3/6/2019 5:20:32 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.090 ng
RT: 12.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.2	94.8
179	22.4	17.8	26.8
108	18.4	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 82.482 ng

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

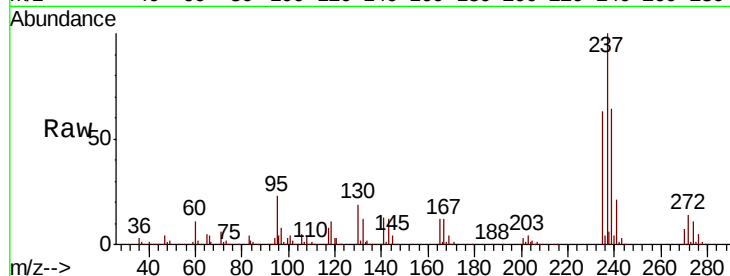
ClientSampleId :

EXT-028-SW002-022719MSD

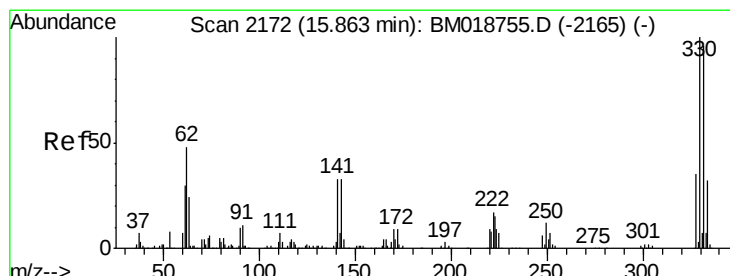
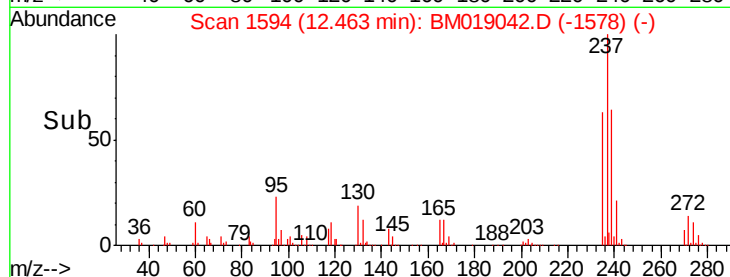
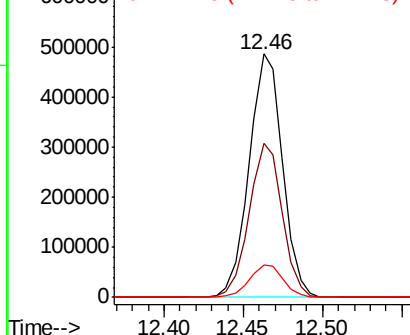
Tot Ion:	237	Resp:	710670
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.7	83.7
272	13.6	0.0	33.3

Manual Integrations
APPROVED

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3/6/2019 5:20:32 PM



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: 121.889 ng

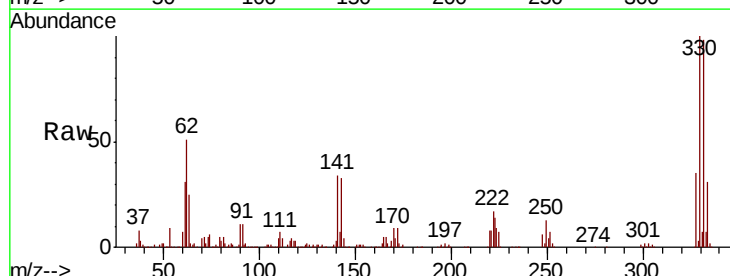
RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

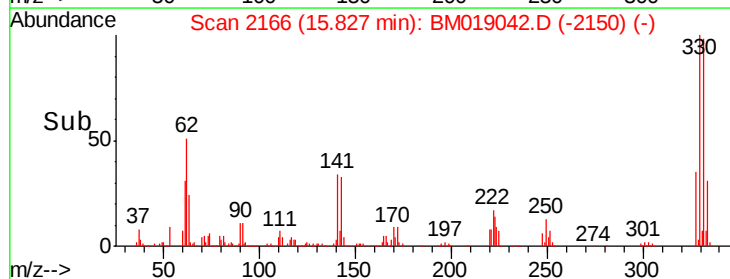
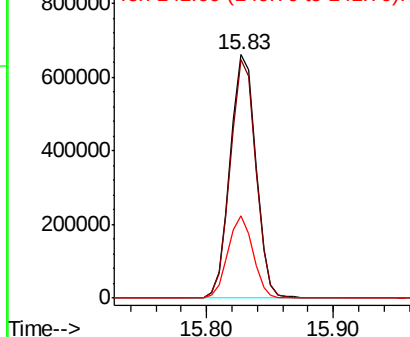
Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:	330	Resp:	925612
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.9	115.3
141	33.2	28.7	43.1



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





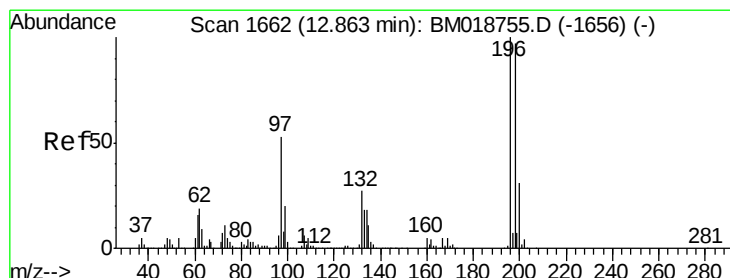
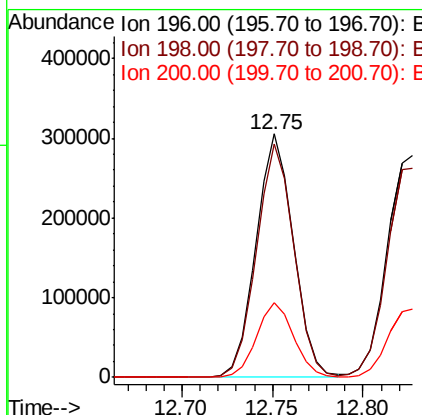
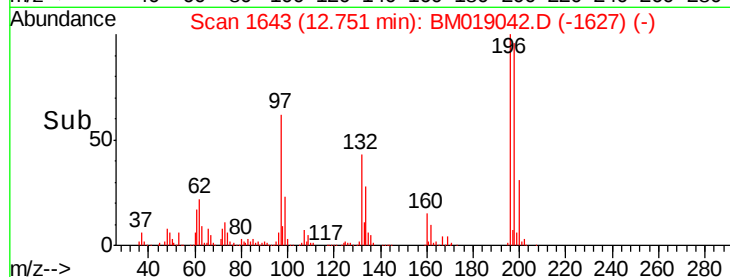
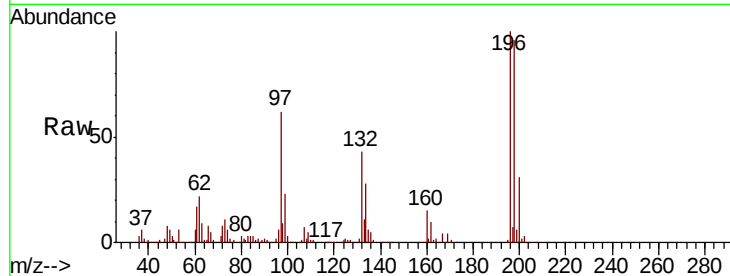
#43
 2,4,6-Trichlorophenol
 Concen: 39.247 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	30.9	24.2	36.2

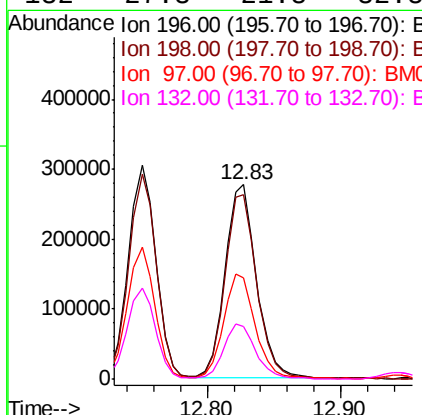
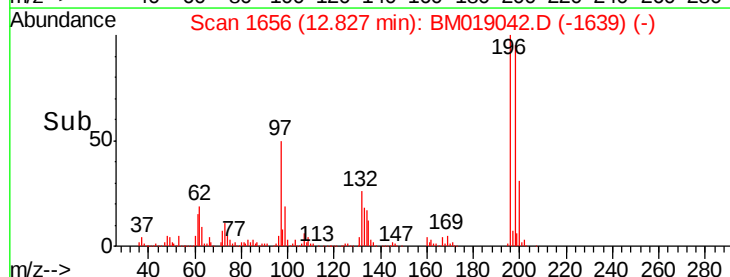
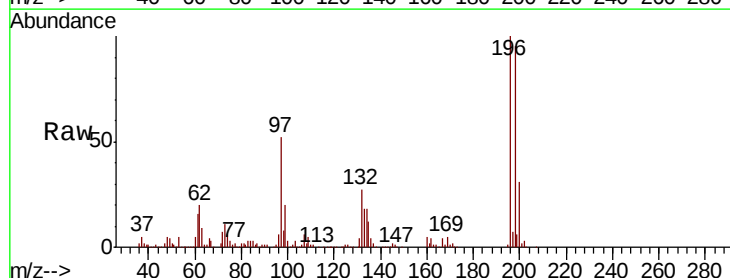
Manual Integrations
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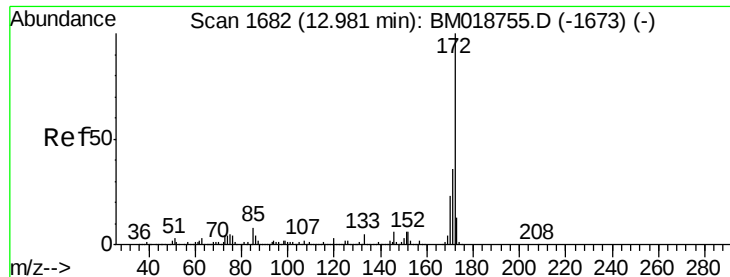
Sohil
 3/6/2019 5:20:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.758 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.6	116.4
97	52.0	42.8	64.2
132	27.3	21.8	32.8





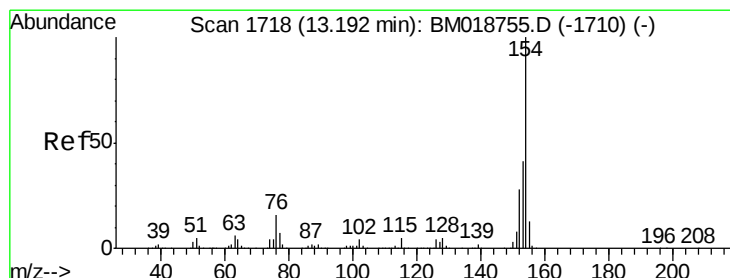
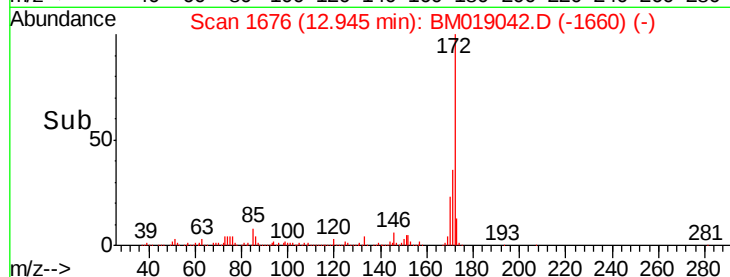
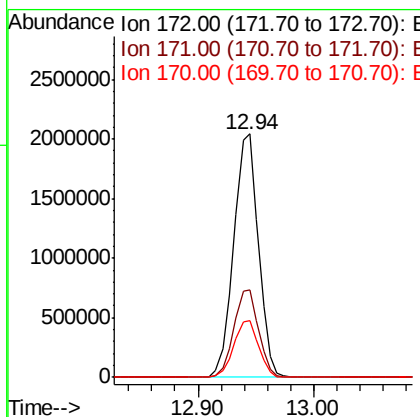
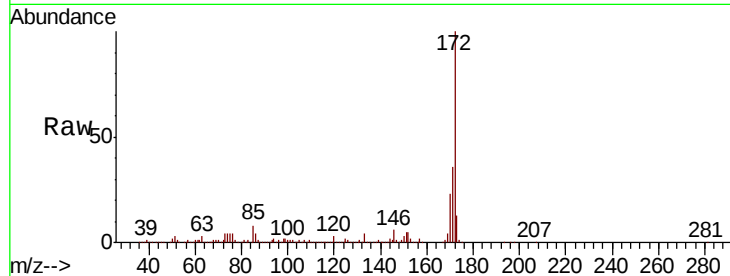
#45
2-Fluorobiphenyl
Concen: 76.145 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.4	18.6	28.0

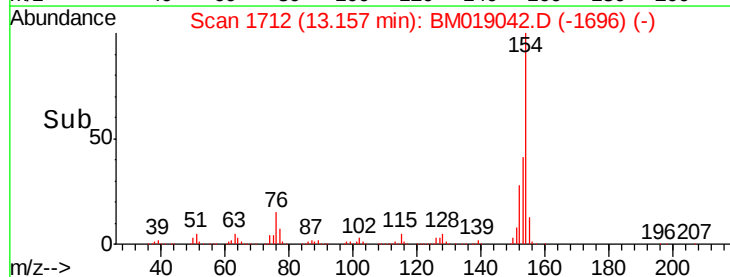
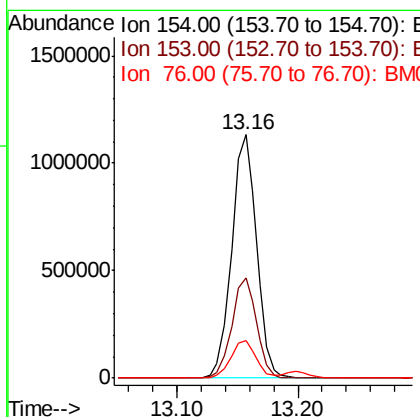
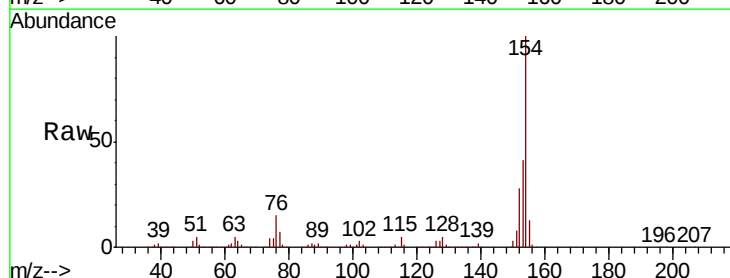
Manual Integrations
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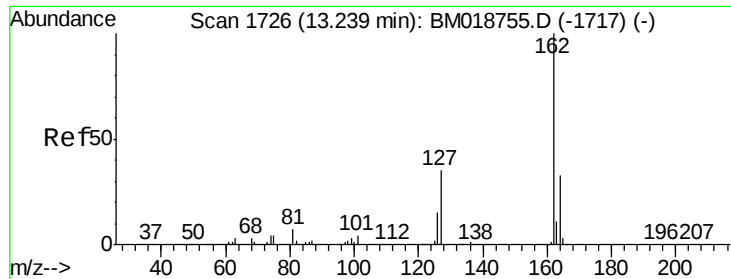
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#46
1,1'-Biphenyl
Concen: 35.847 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	15.5	0.0	35.7





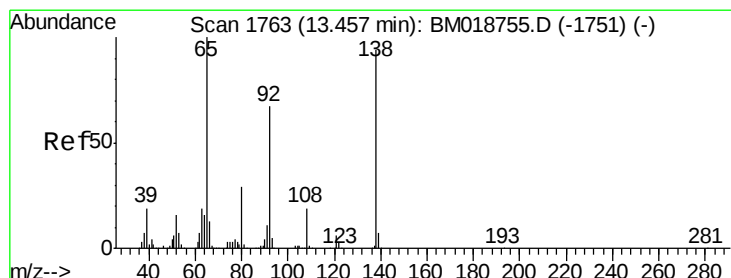
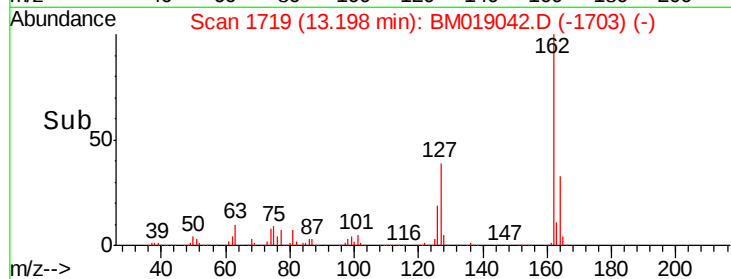
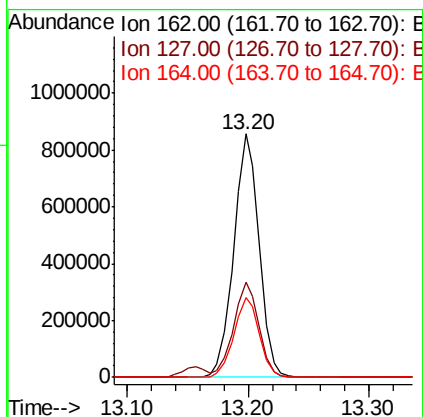
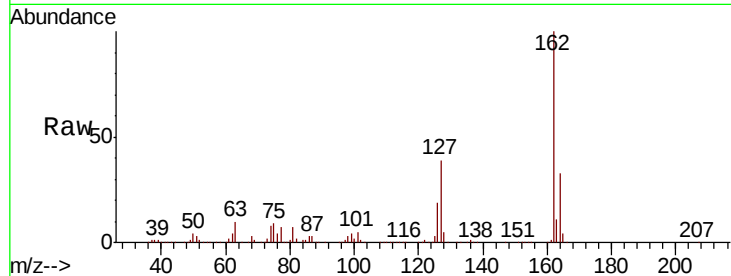
#47
2-Chloronaphthalene
Concen: 35.702 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.1	46.7
164	32.6	26.4	39.6

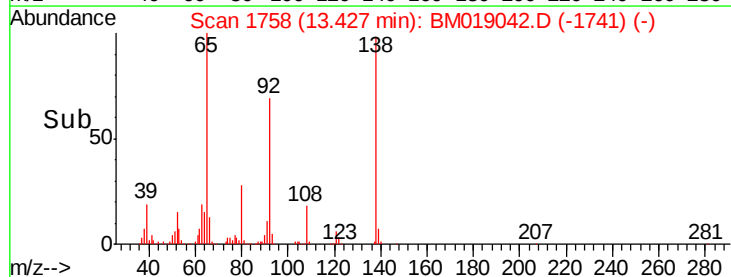
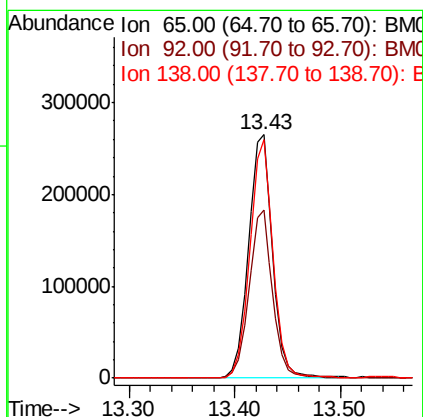
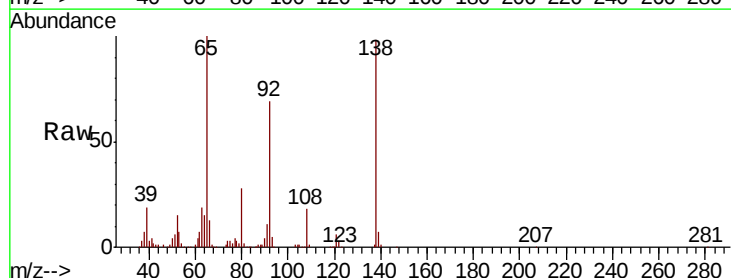
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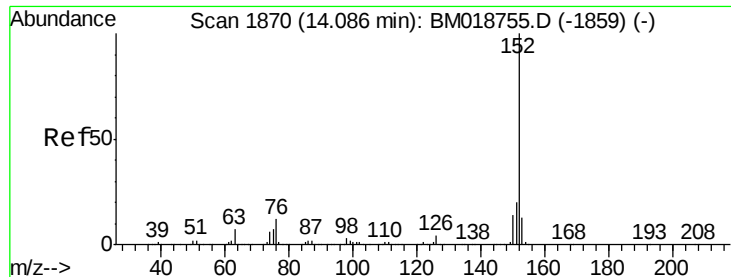
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#48
2-Nitroaniline
Concen: 36.149 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.0	81.0
138	97.9	74.9	112.3





#49

Acenaphthylene

Concen: 38.751 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

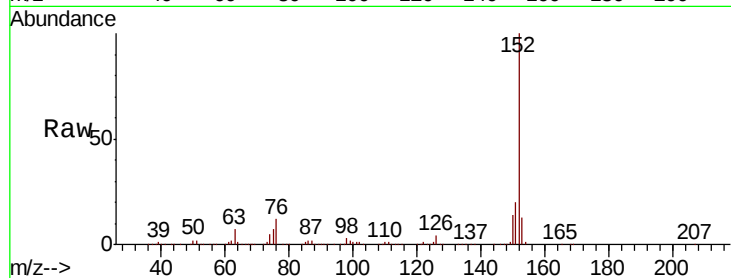
ClientSampleId :

EXT-028-SW002-022719MSD

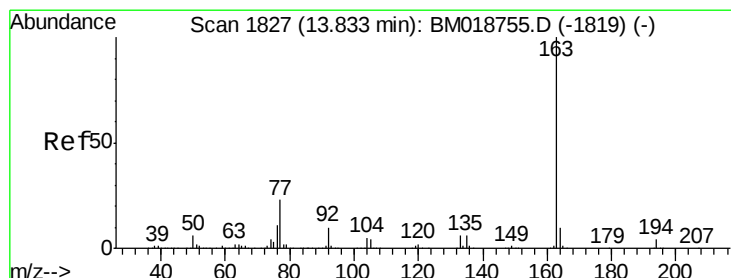
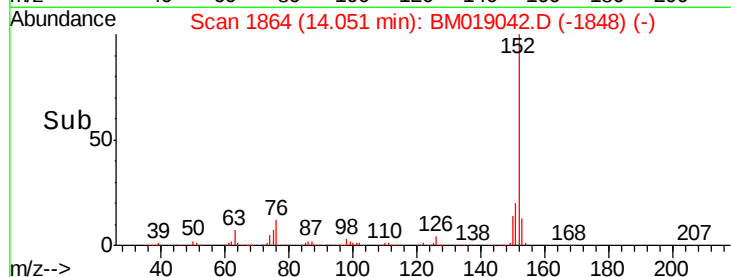
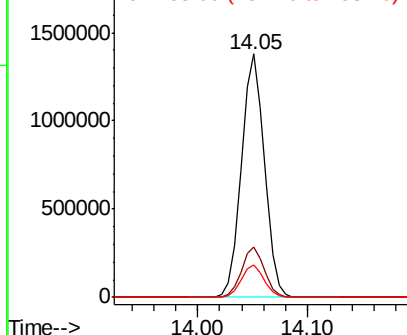
Tot Ion:	152	Resp:	2020979
Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.1	10.5	15.7

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



#50

Dimethylphthalate

Concen: 41.156 ng

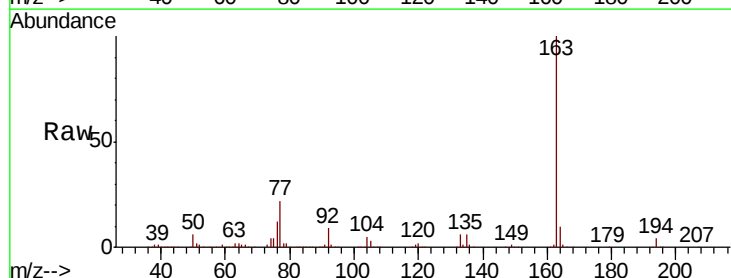
RT: 13.80 min Scan# 1821

Delta R.T. -0.01 min

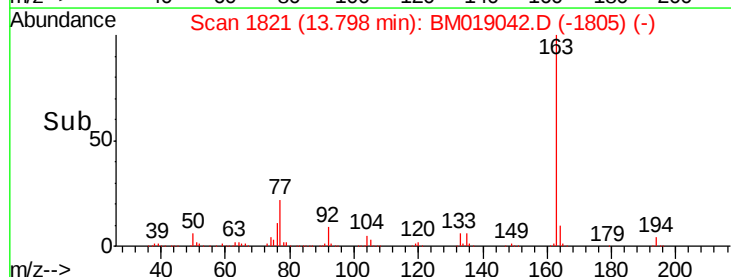
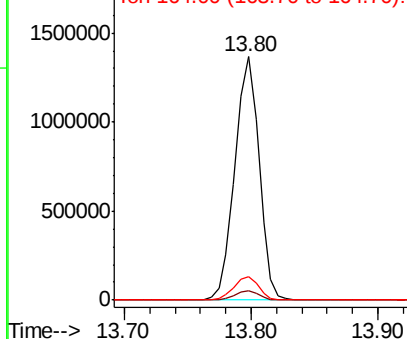
Lab File: BM019042.D

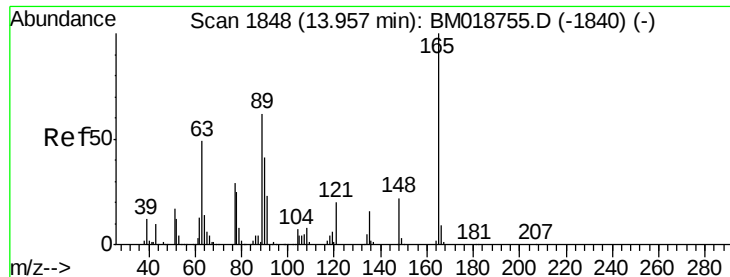
Acq: 05 Mar 2019 18:27

Tgt Ion:	163	Resp:	1806951
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





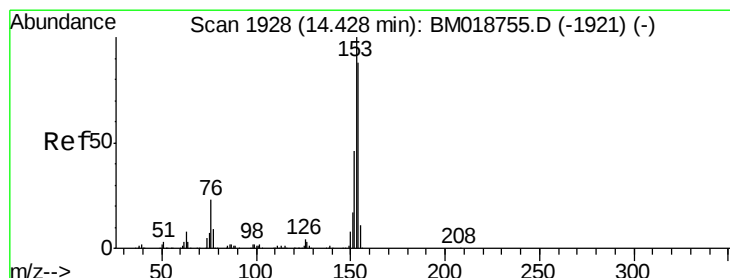
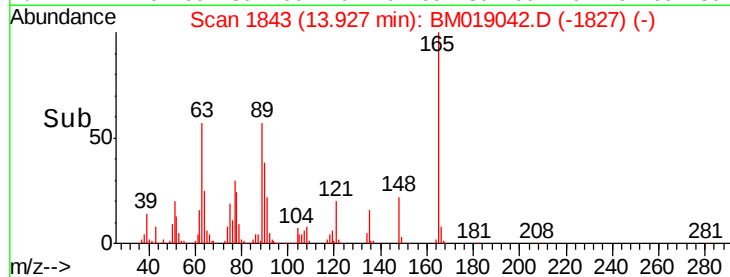
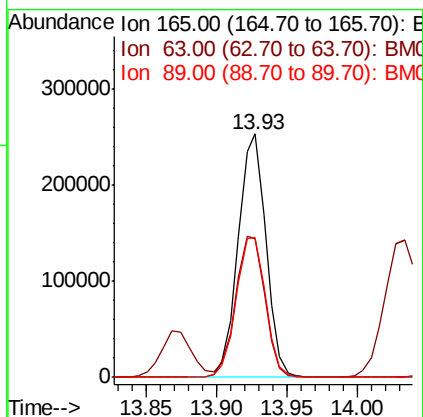
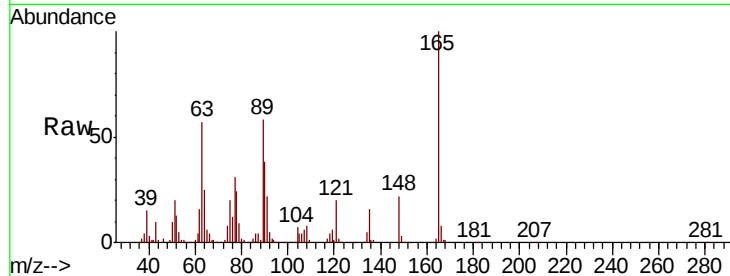
#51
 2,6-Dinitrotoluene
 Concen: 36.647 ng
 RT: 13.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.0	48.9	73.3
89	57.5	49.4	74.0

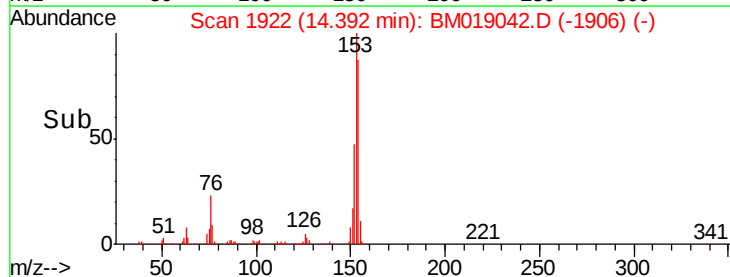
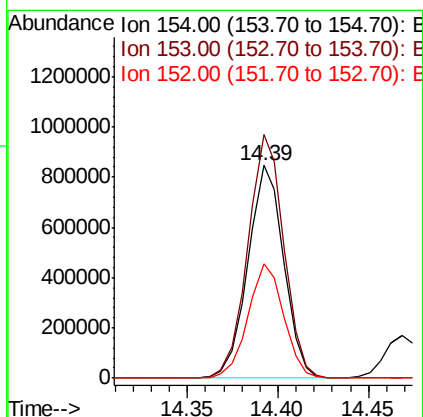
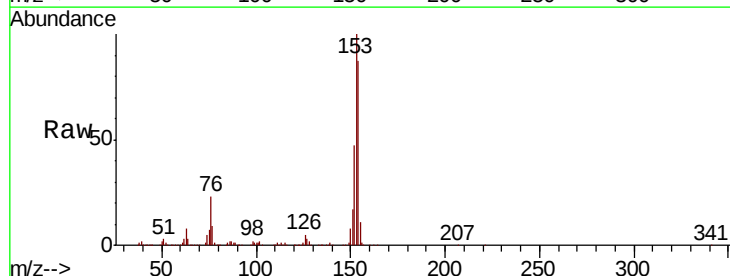
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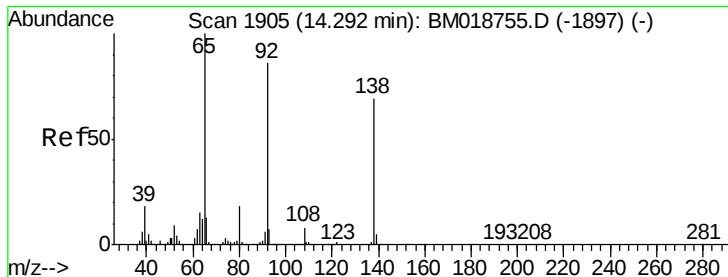
Sohil
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#52
 Acenaphthene
 Concen: 36.330 ng
 RT: 14.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.3	136.9
152	53.7	42.2	63.4





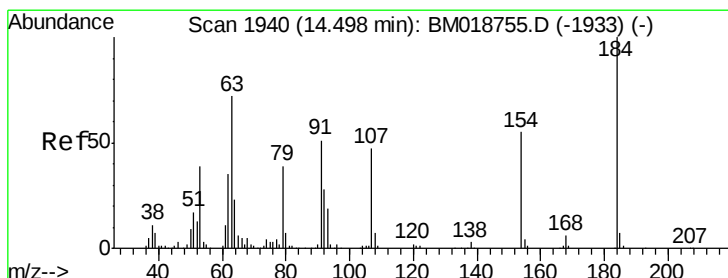
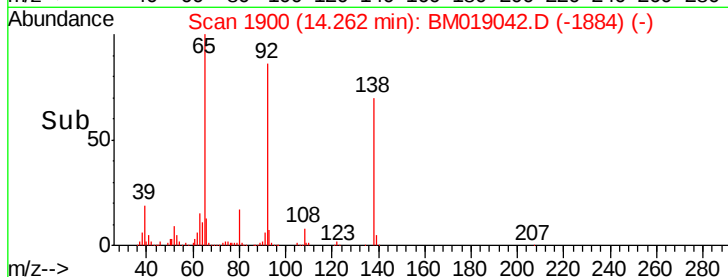
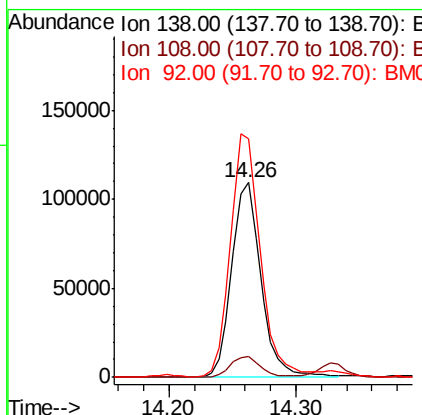
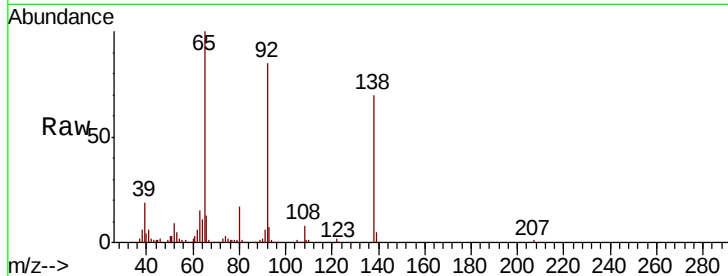
#53
3-Nitroaniline
Concen: 16.295 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	122.4	99.7	149.5

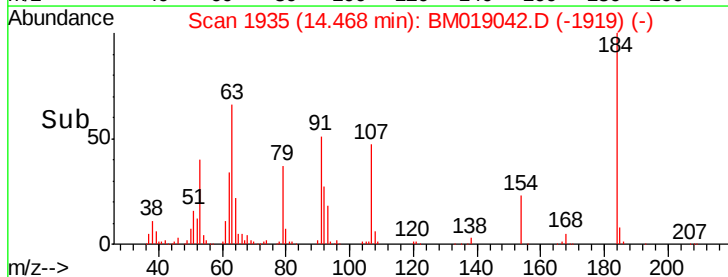
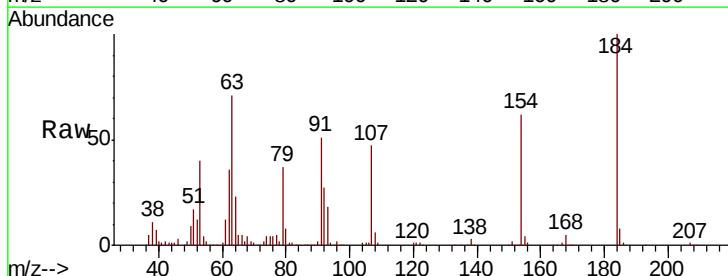
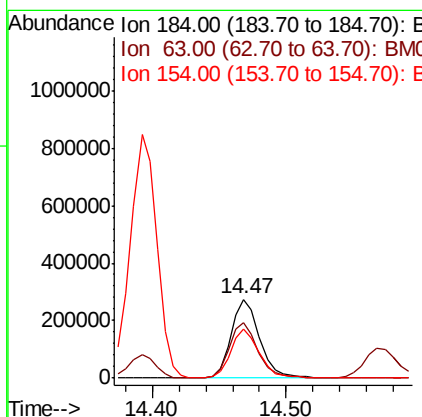
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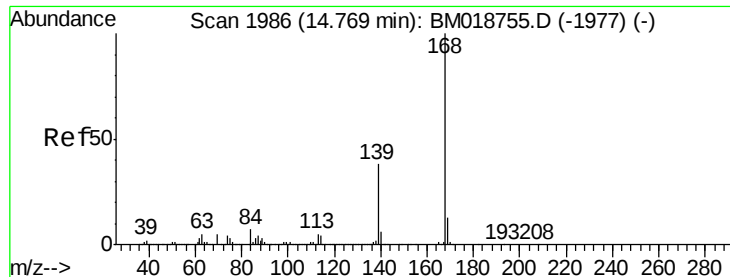
Sohil
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#54
2,4-Dinitrophenol
Concen: 68.654 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.7	58.0	87.0
154	62.4	50.3	75.5





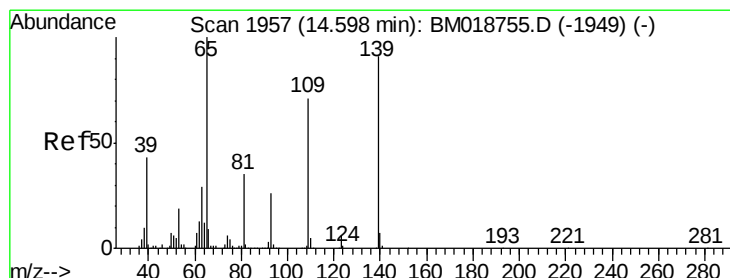
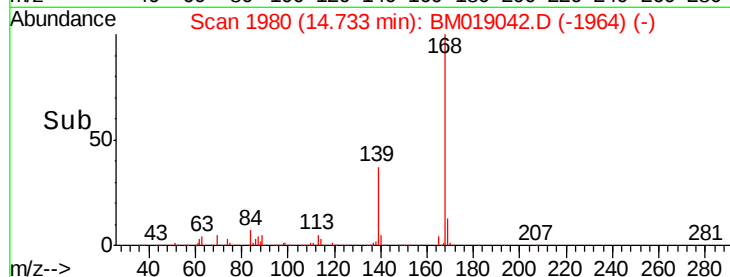
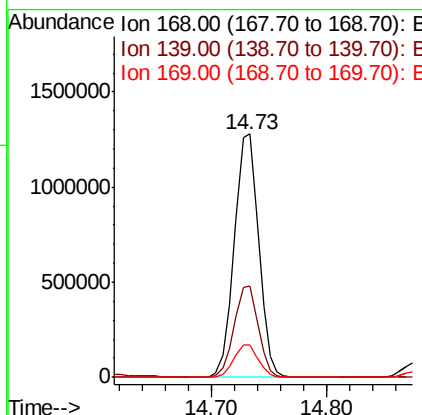
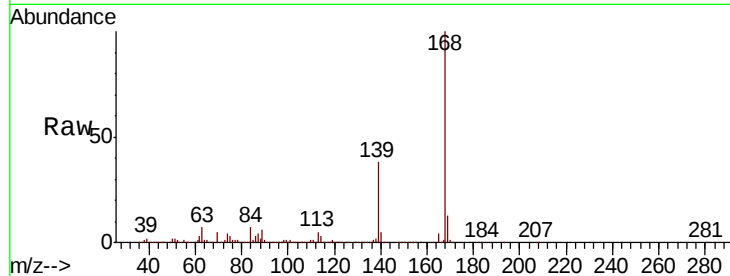
#55
Dibenzofuran
Concen: 35.575 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.7	46.1
169	13.3	10.3	15.5

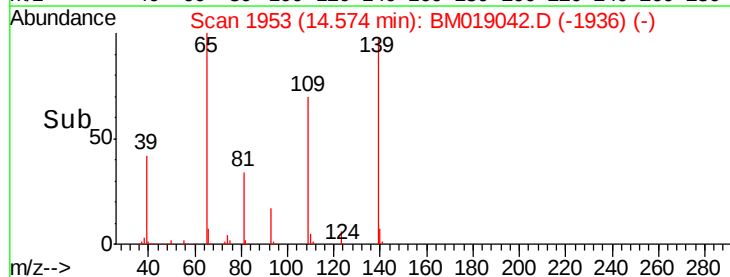
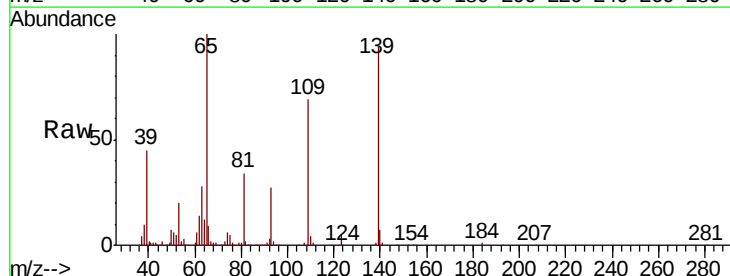
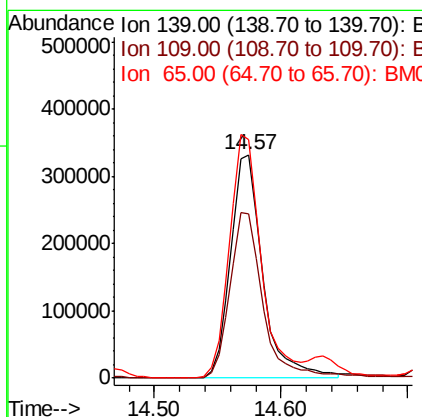
Manual Integrations
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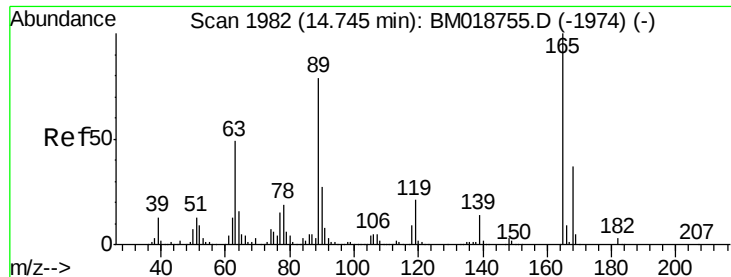
Sohil
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#56
4-Nitrophenol
Concen: 68.254 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	58.4	98.4
65	106.9	89.8	129.8





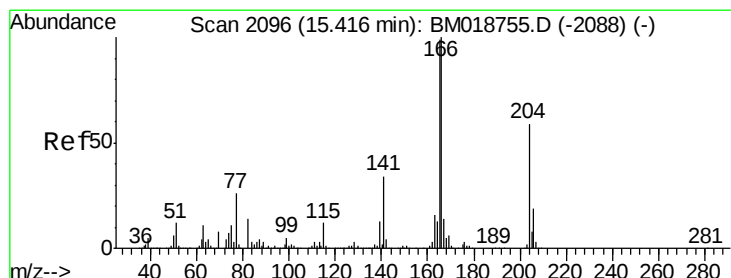
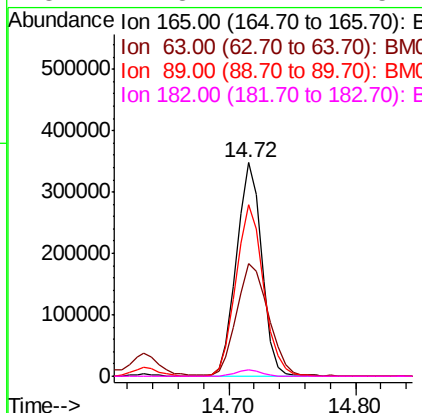
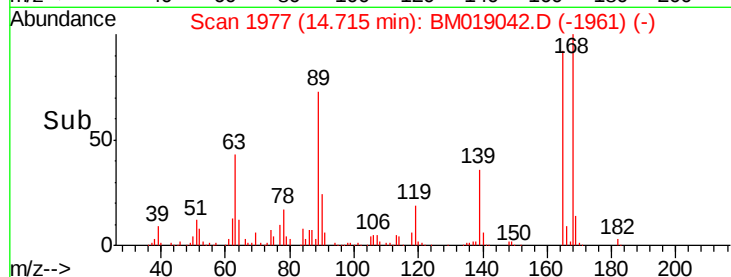
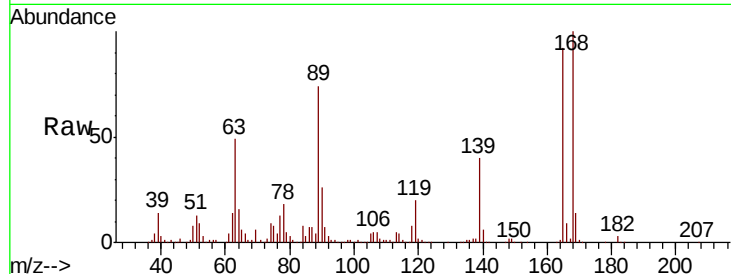
#57
2,4-Dinitrotoluene
Concen: 36.552 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		478981		
63	52.5	39.6	59.4		
89	80.2	63.5	95.3		
182	2.8	2.2	3.4		

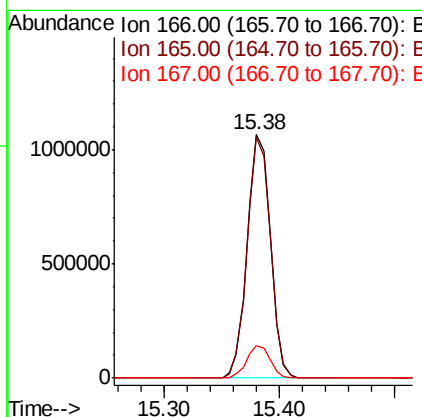
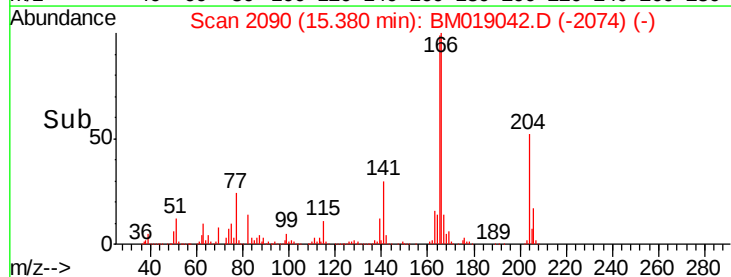
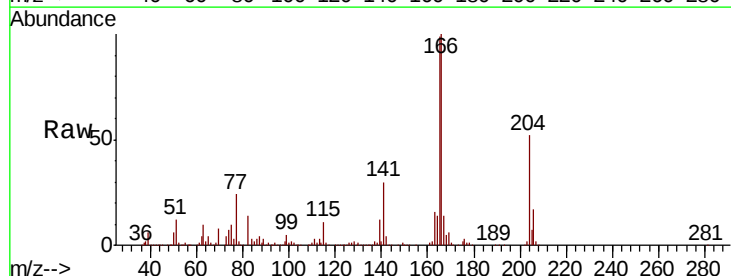
Manual Integrations
APPROVED

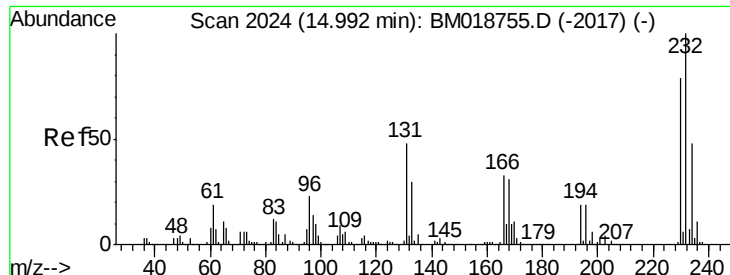
Sohil
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#58
Fluorene
Concen: 37.295 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1499711		
165	98.9	79.1	118.7		
167	13.5	11.0	16.4		





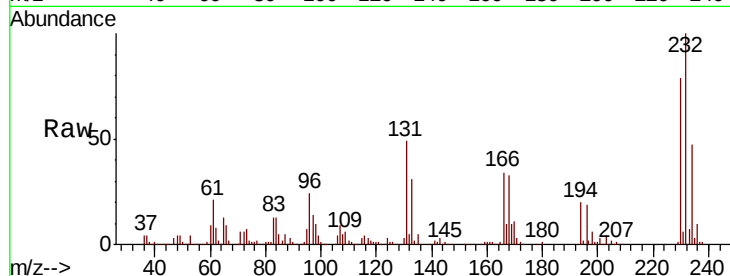
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.786 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.6	57.8
130	2.6	2.0	3.0
166	34.0	26.9	40.3

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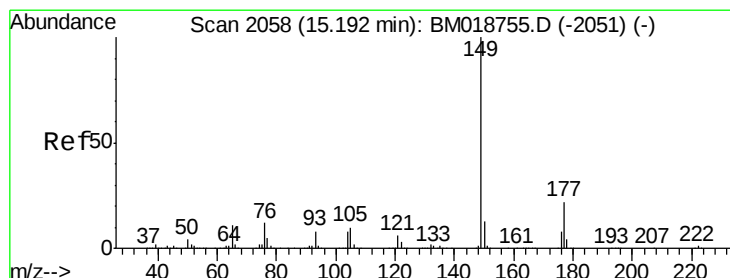
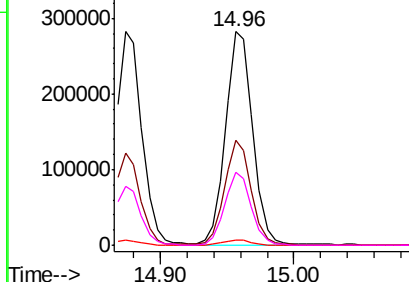
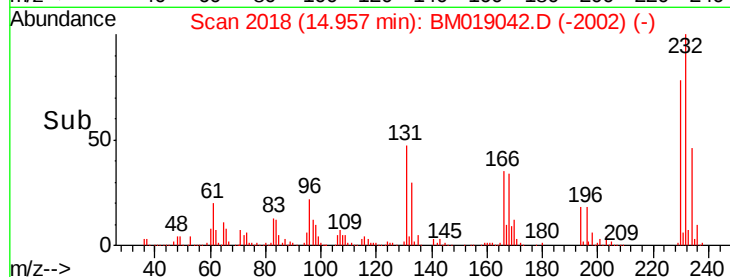
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

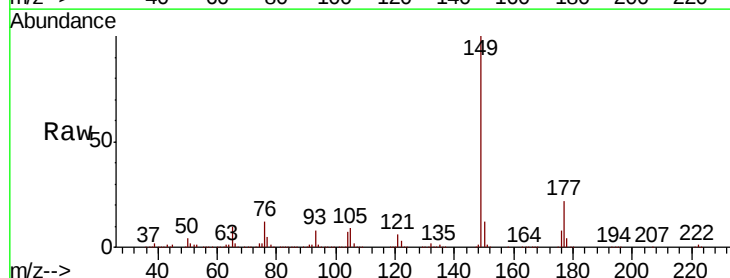
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 35.224 ng
RT: 15.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.2	25.8
150	12.2	10.2	15.2

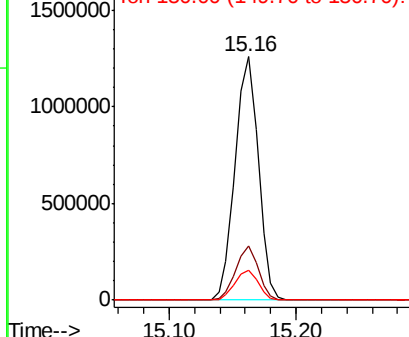
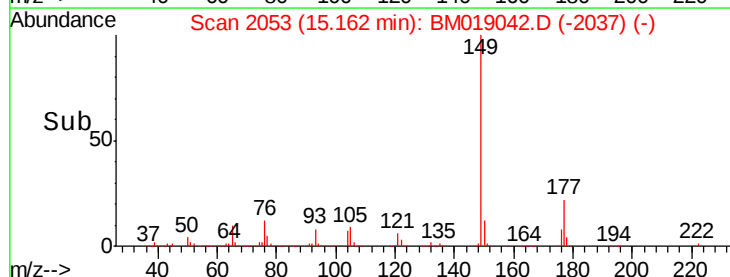


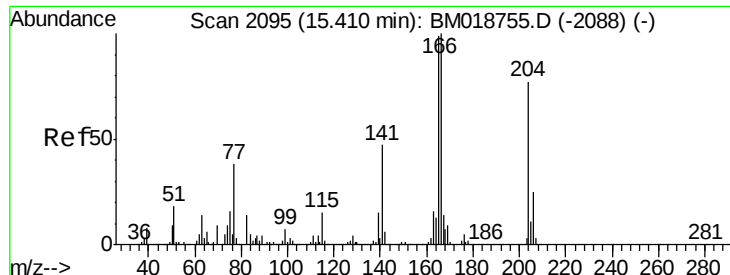
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





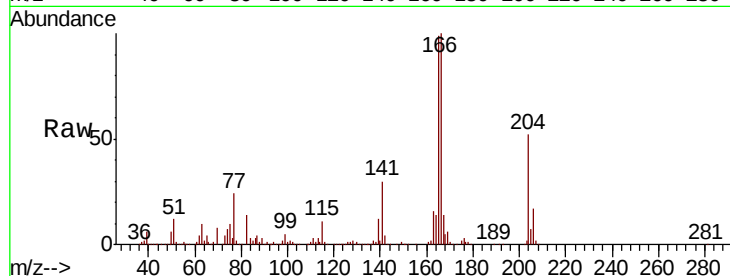
#61
4-Chlorophenyl-phenylether
Concen: 33.271 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	57.1	49.2	73.8

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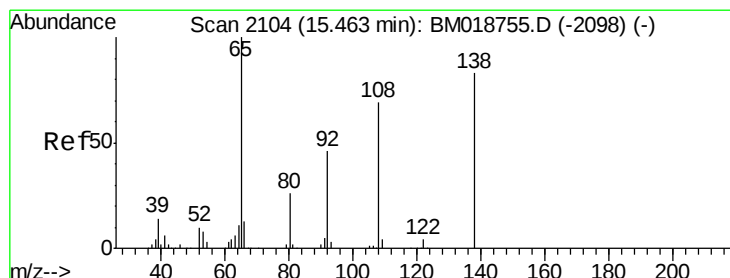
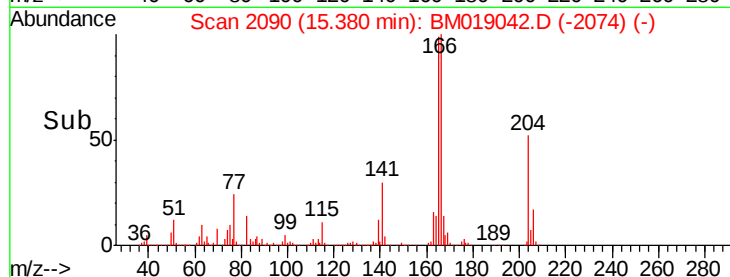
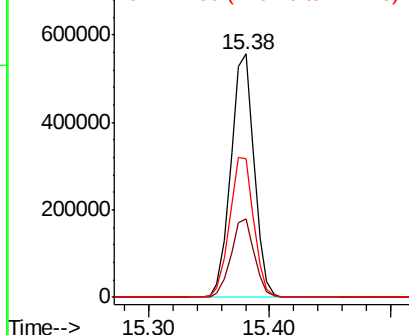


Abundance

Ion 204.00 (203.70 to 204.70): E

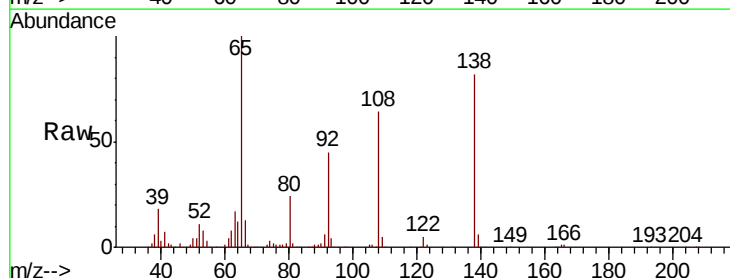
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.053 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	35.5	75.5
108	78.1	62.4	102.4

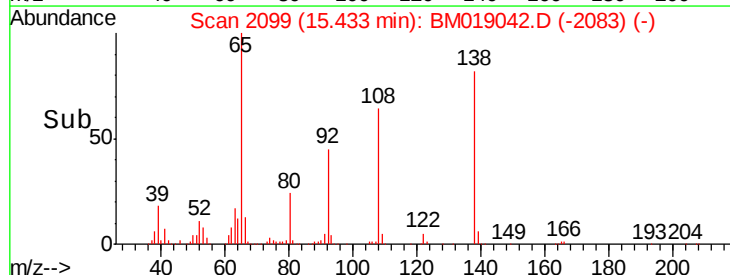
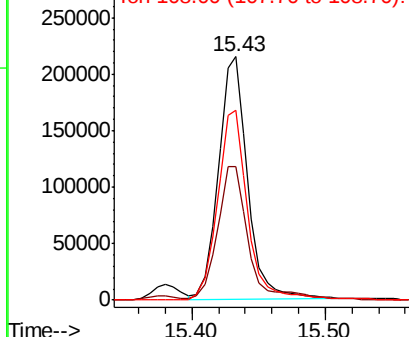


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





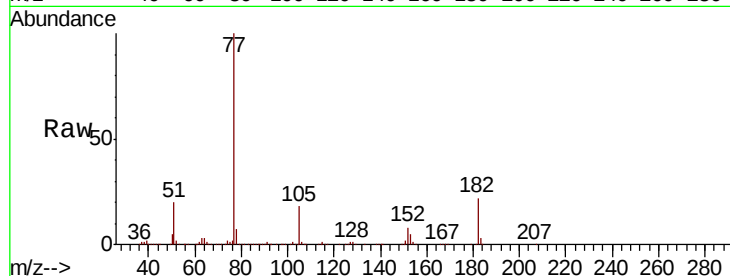
#63
Azobenzene
Concen: 34.502 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion:	77	Resp:	1675410
Ion	Ratio	Lower	Upper
77	100		
182	22.3	1.0	41.0
105	18.3	0.0	37.7
51	20.3	0.3	40.3

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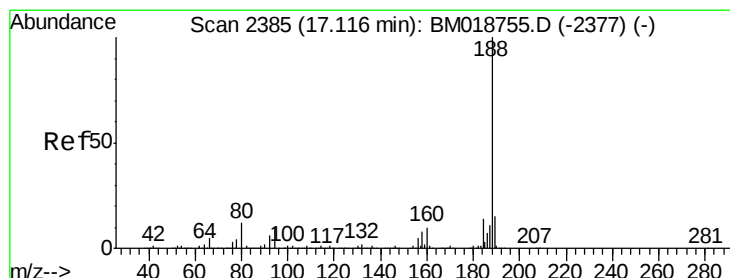
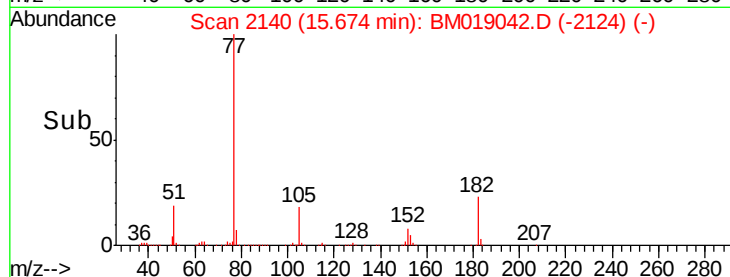
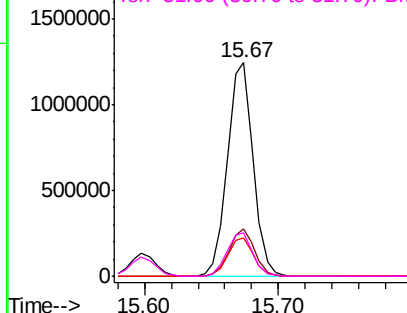


Abundance Ion 77.00 (76.70 to 77.70): BM019042.D (-2124) (-)

Ion 182.00 (181.70 to 182.70): BM019042.D (-2124) (-)

Ion 105.00 (104.70 to 105.70): BM019042.D (-2124) (-)

Ion 51.00 (50.70 to 51.70): BM019042.D (-2124) (-)



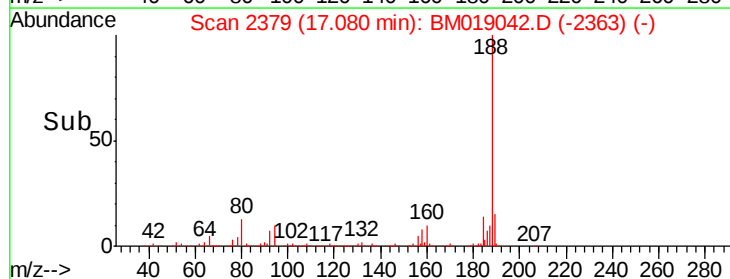
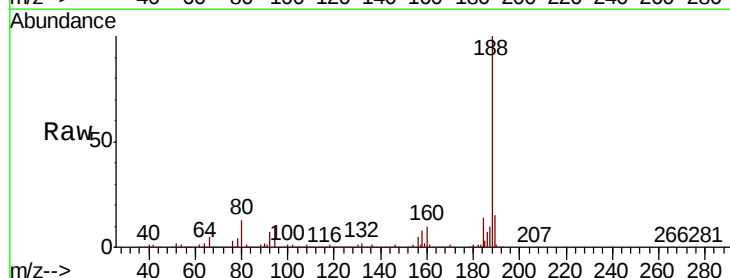
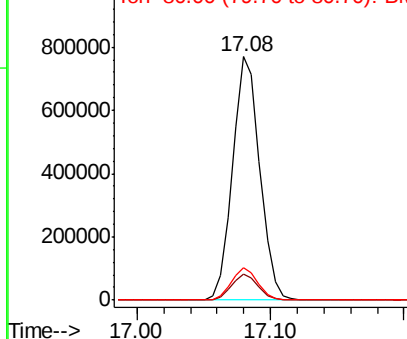
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

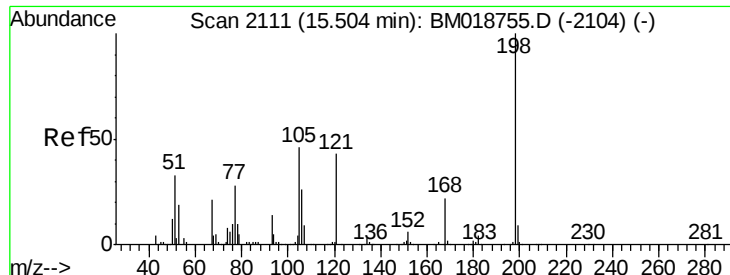
Tgt Ion:	188	Resp:	1094158
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	13.1	9.7	14.5

Abundance Ion 188.00 (187.70 to 188.70): BM019042.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BM019042.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019042.D (-2363) (-)





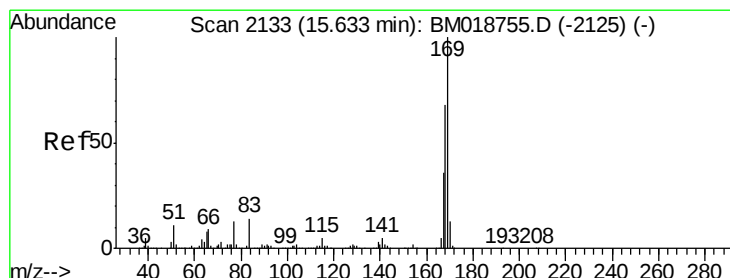
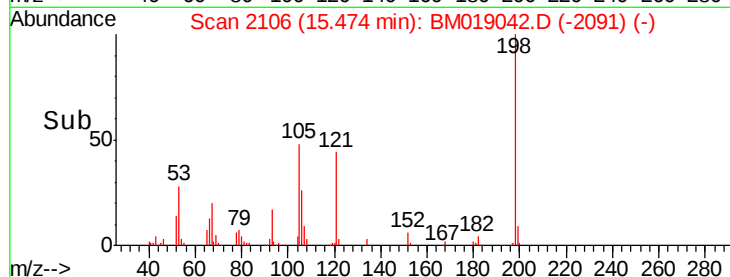
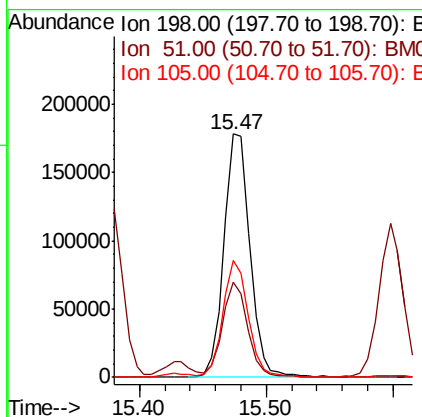
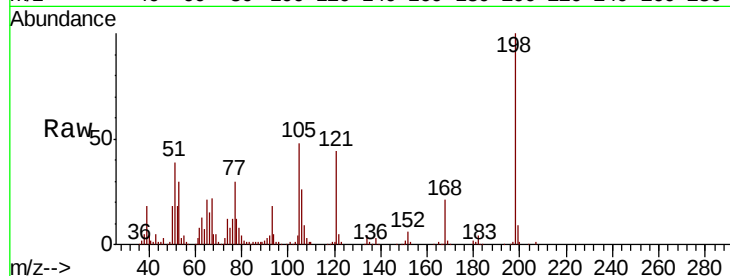
#65
4,6-Dinitro-2-methylphenol
Concen: 33.100 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	254278		
51	38.8		18.4	58.4
105	47.9		27.2	67.2

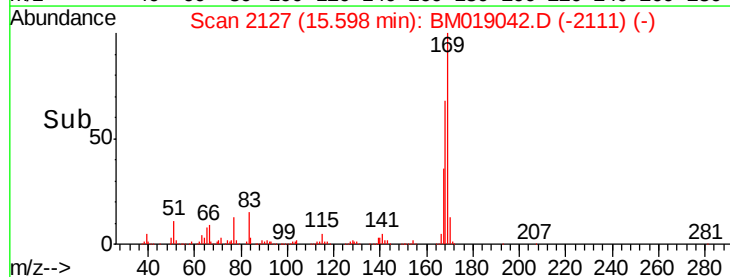
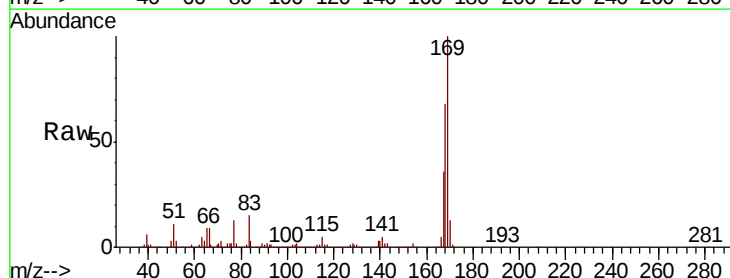
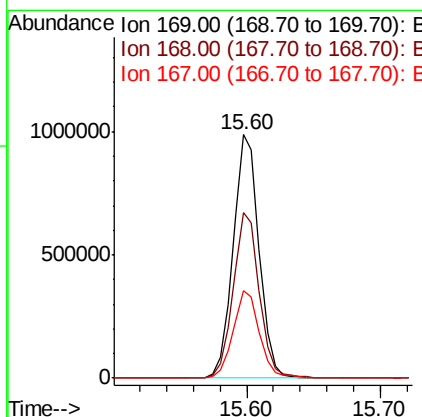
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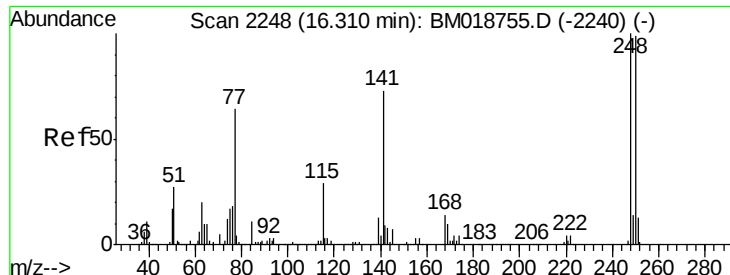
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 38.372 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1326459		
168	68.2		54.4	81.6
167	35.9		29.0	43.6





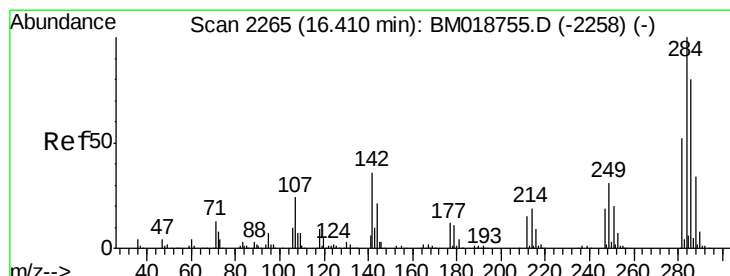
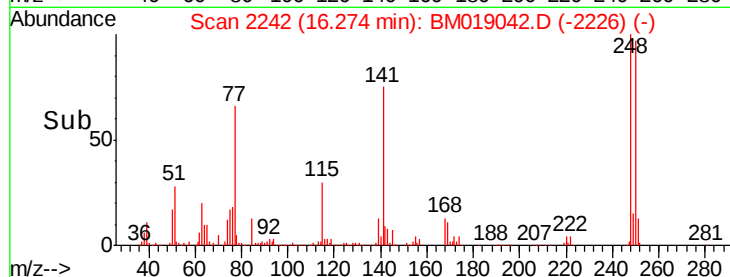
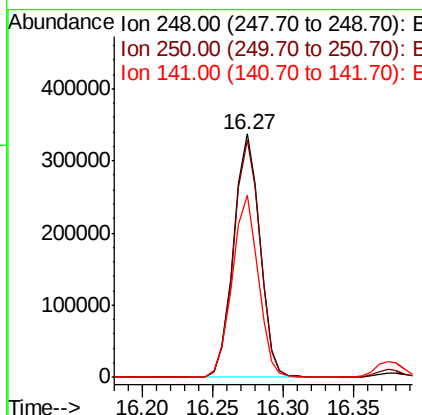
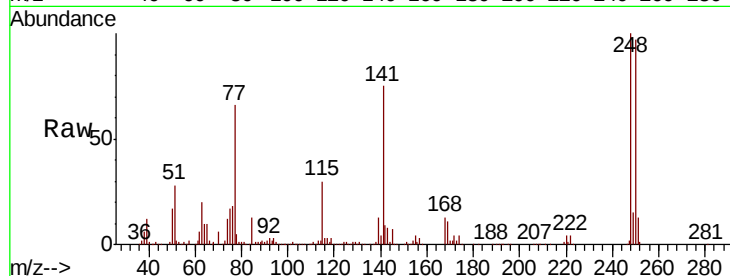
#67
 4-Bromophenyl-phenylether
 Concen: 35.819 ng
 RT: 16.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.0	118.6
141	74.7	58.6	88.0

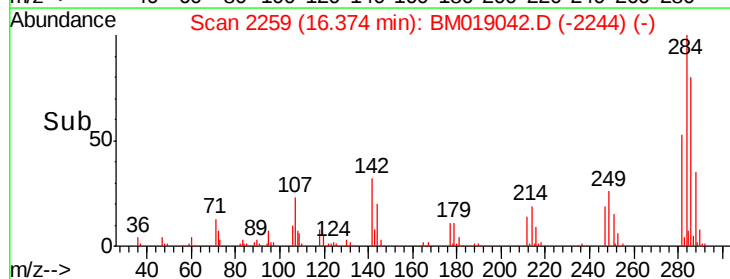
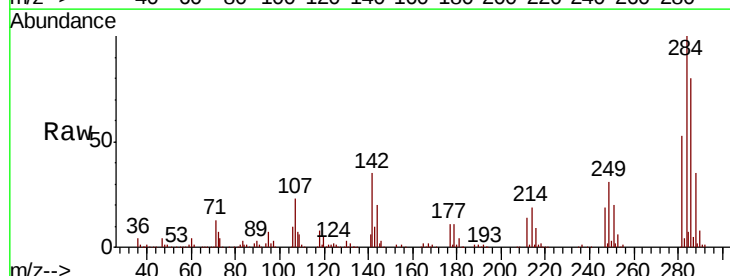
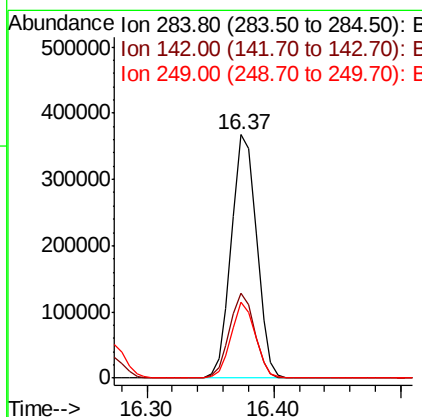
Manual Integrations
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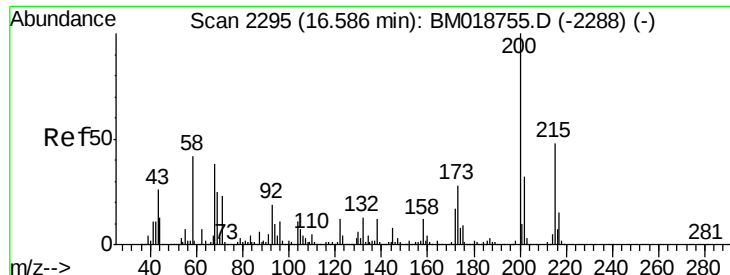
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#68
 Hexachlorobenzene
 Concen: 35.735 ng
 RT: 16.37 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.9	43.3
249	31.3	24.8	37.2





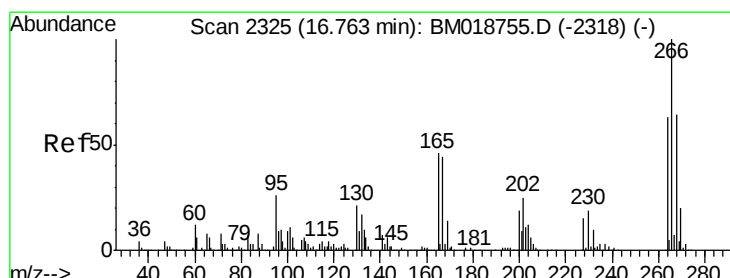
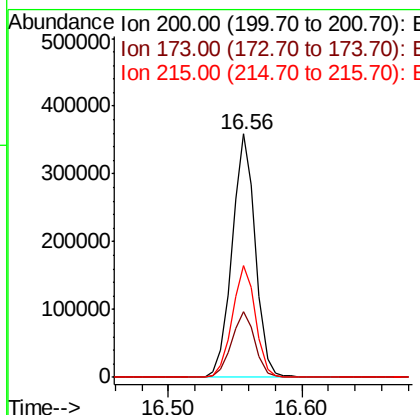
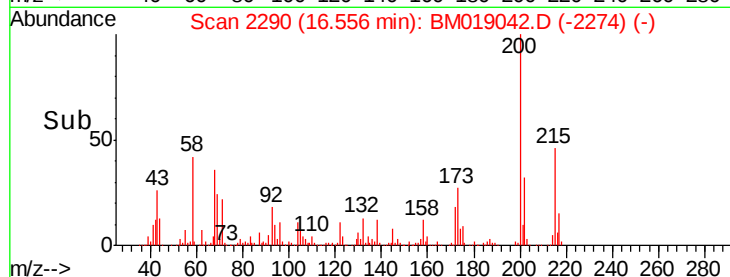
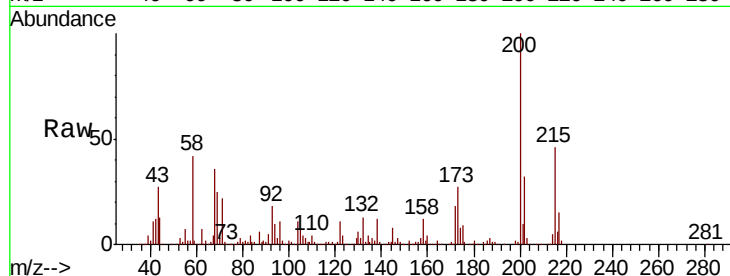
#69
Atrazine
Concen: 39.202 ng
RT: 16.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.6	47.6
215	45.7	27.6	67.6

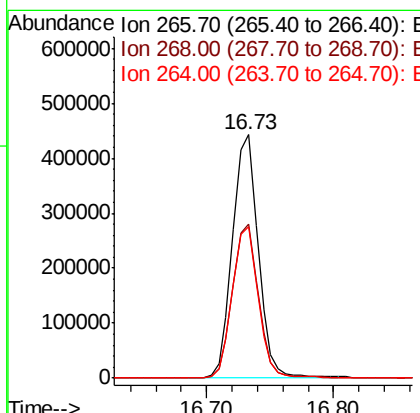
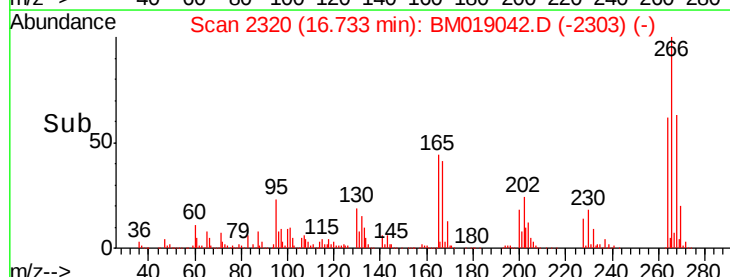
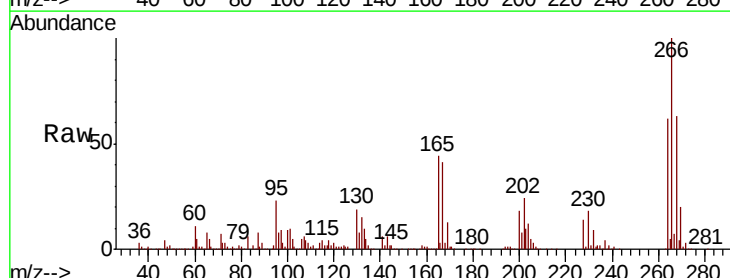
Manual Integrations
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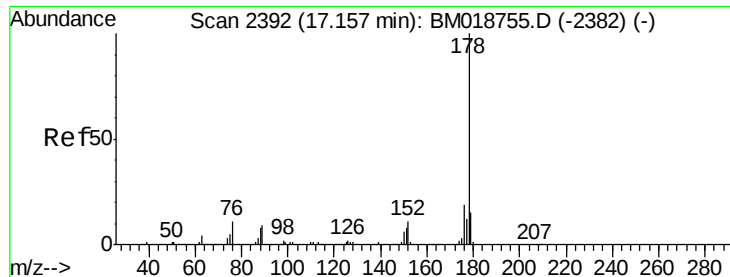
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#70
Pentachlorophenol
Concen: 68.126 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.3	76.9
264	62.4	50.6	75.8





#71

Phenanthrene

Concen: 37.939 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:178 Resp: 2230873

Ion Ratio Lower Upper

178 100

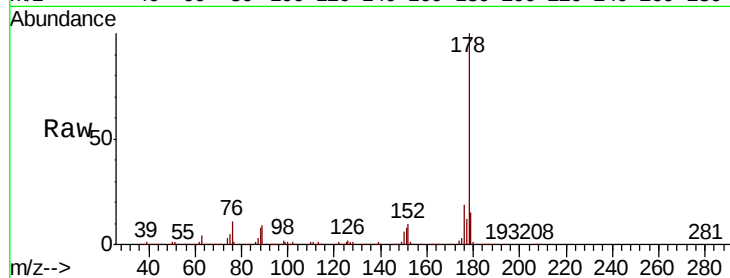
176 18.8 15.4 23.0

179 15.4 12.3 18.5

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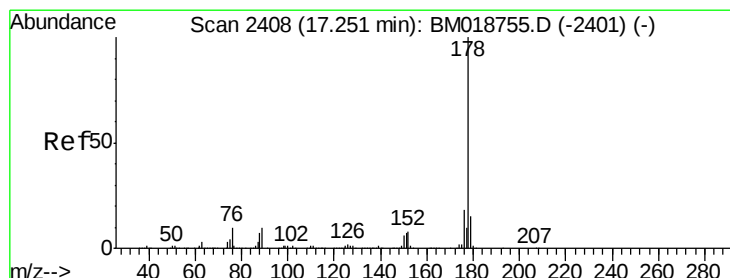
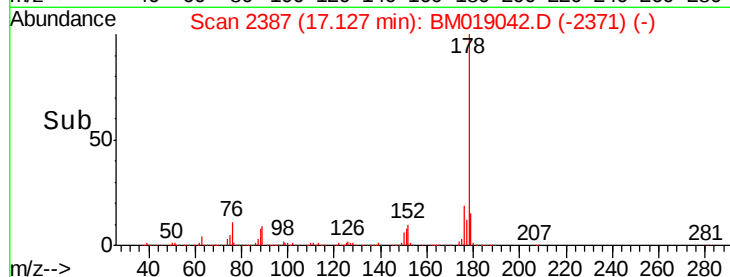
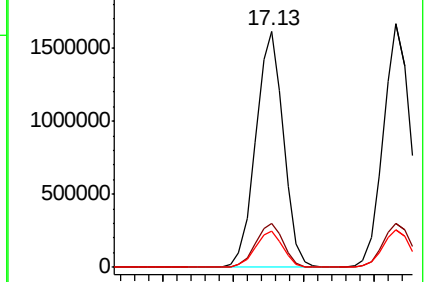
3/6/2019 5:20:32 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.135 ng

RT: 17.22 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

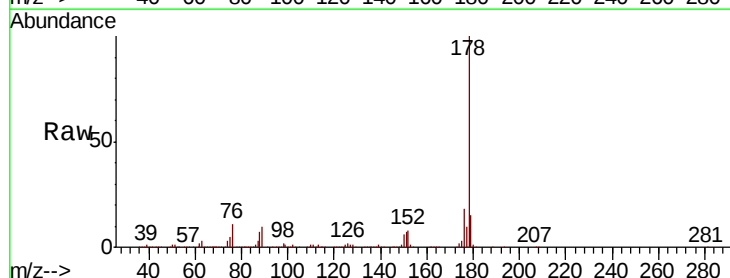
Tgt Ion:178 Resp: 2239827

Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

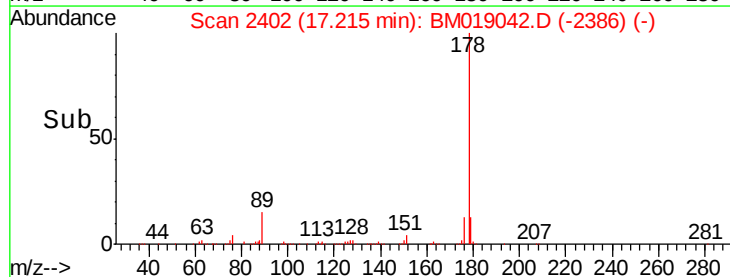
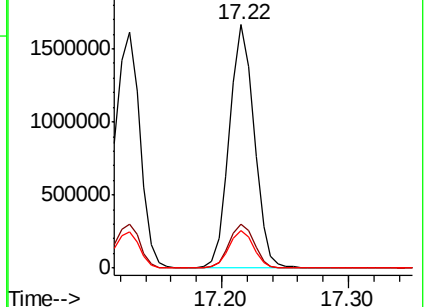
179 15.3 12.1 18.1

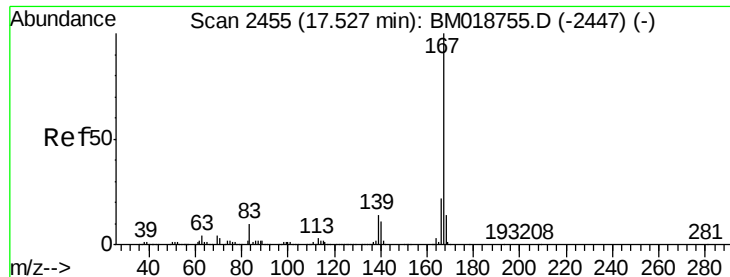


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





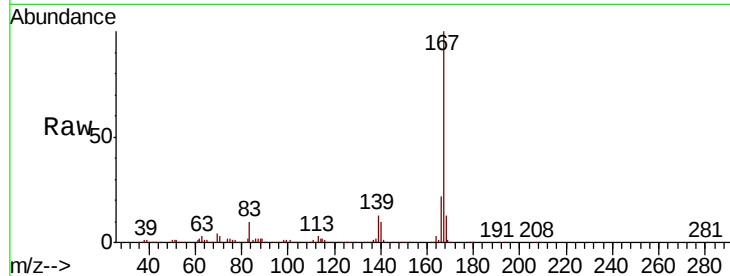
#73
 Carbazole
 Concen: 34.039 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.7	10.9	16.3

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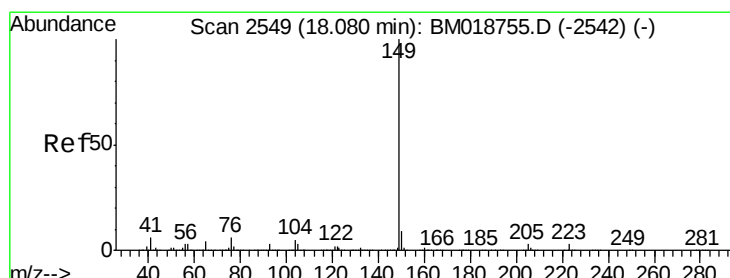
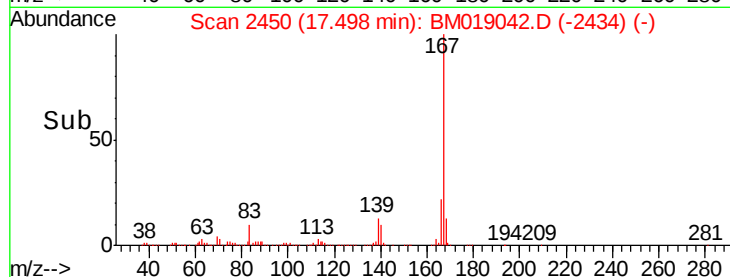
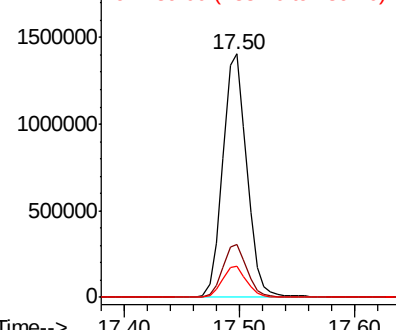


Abundance

Ion 167.00 (166.70 to 167.70): E

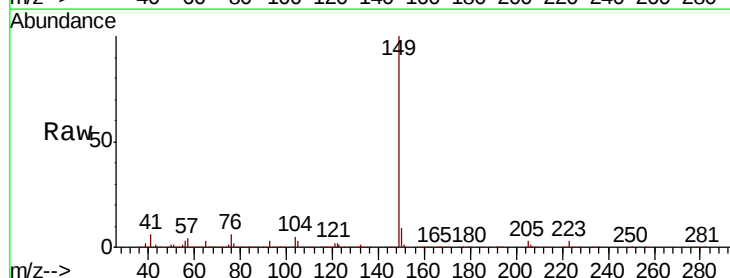
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 37.767 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.3	6.5

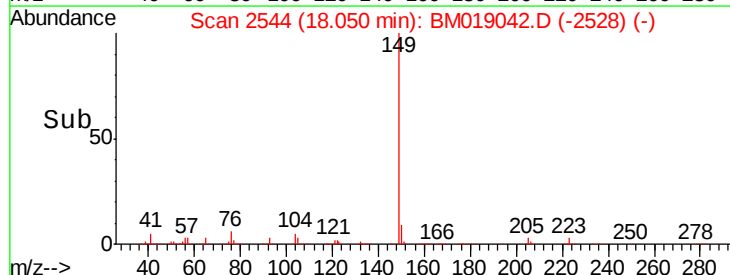
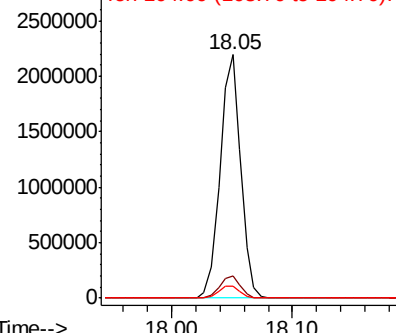


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.284 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

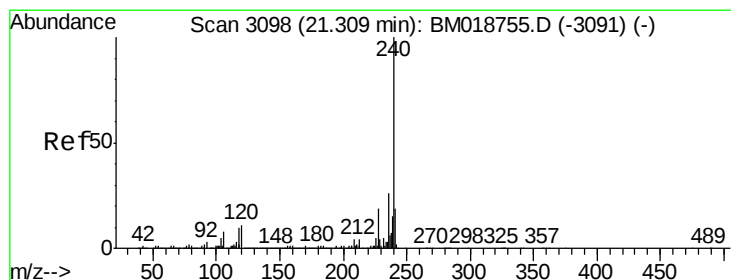
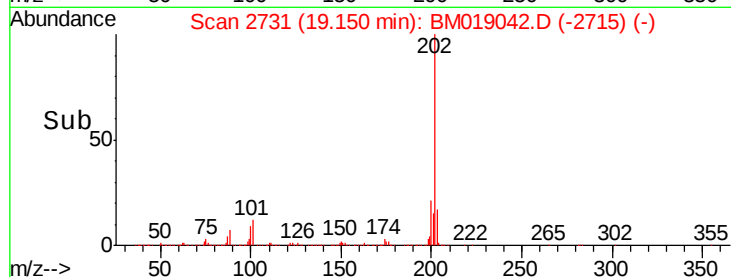
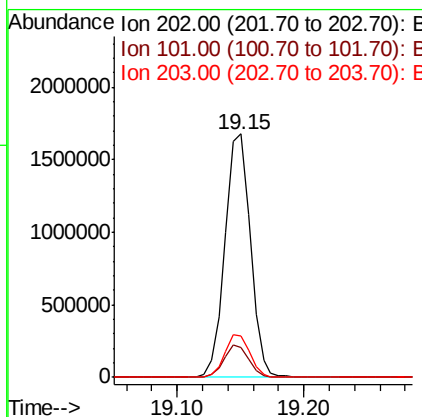
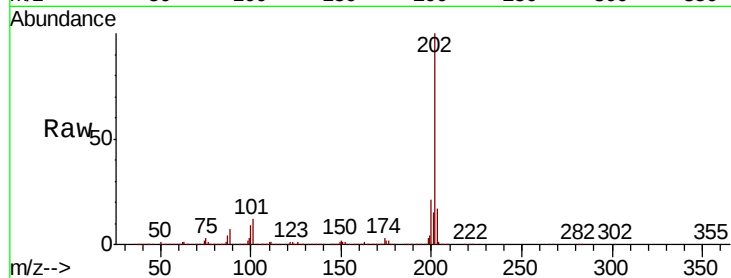
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	202	Resp:	2328707
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.1	0.0	37.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

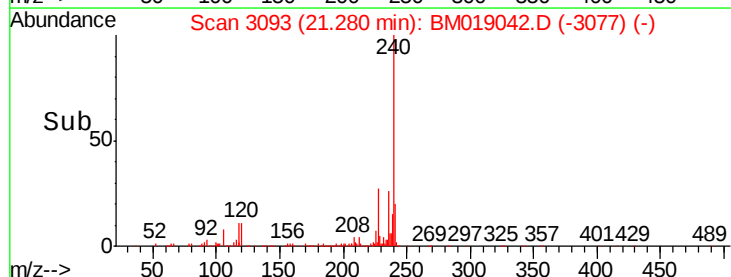
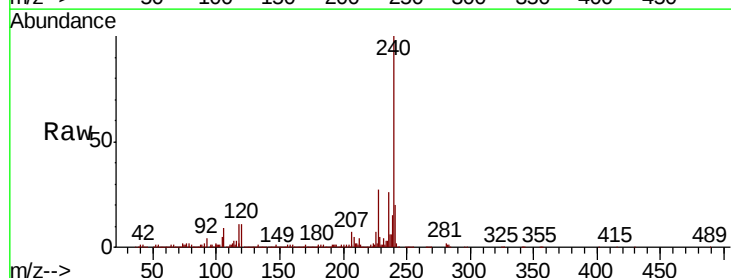
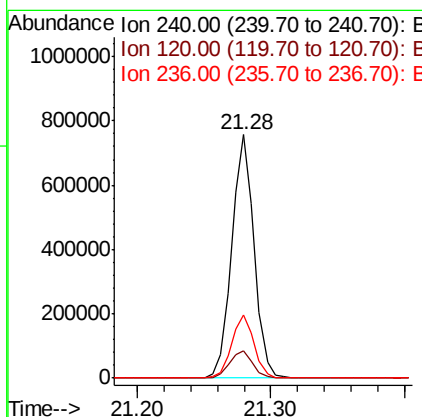
RT: 21.28 min Scan# 3093

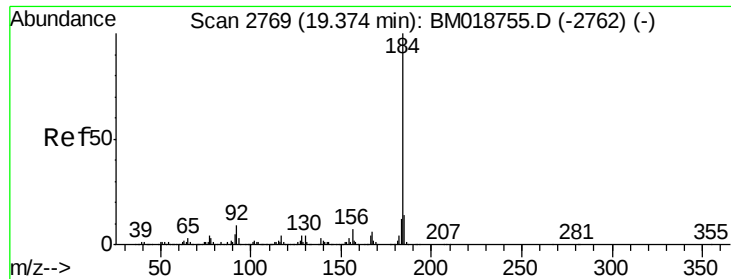
Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:	240	Resp:	884747
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.9	20.9	31.3





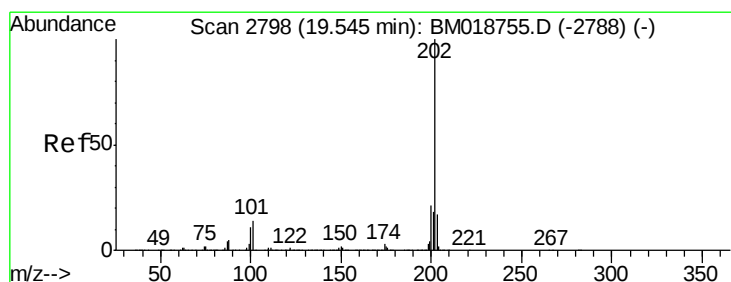
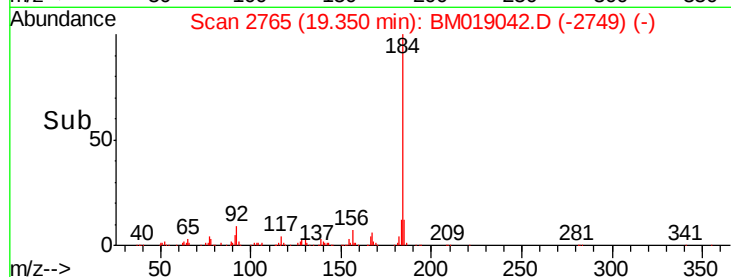
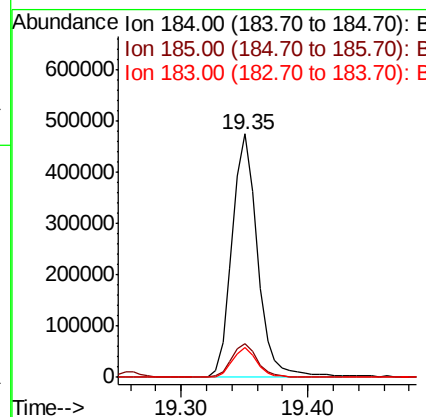
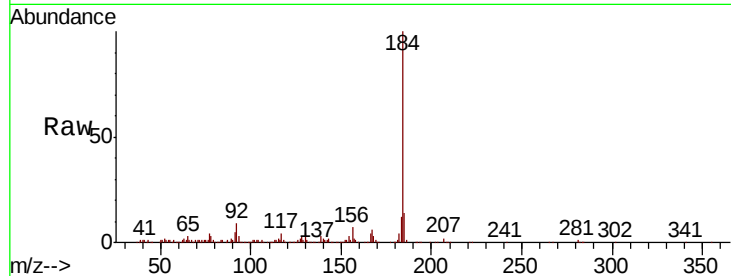
#77
Benzidine
Concen: 33.306 ng
RT: 19.35 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.2	16.8
183	12.4	9.7	14.5

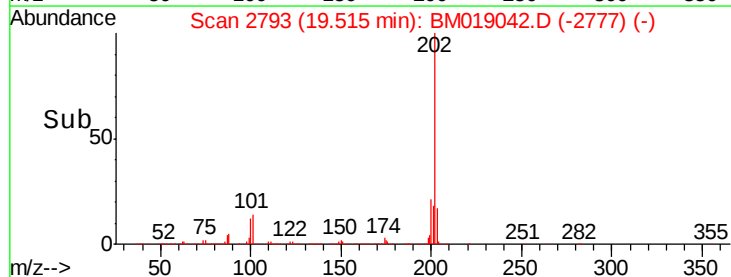
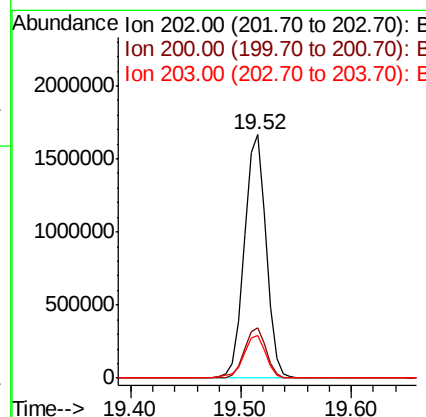
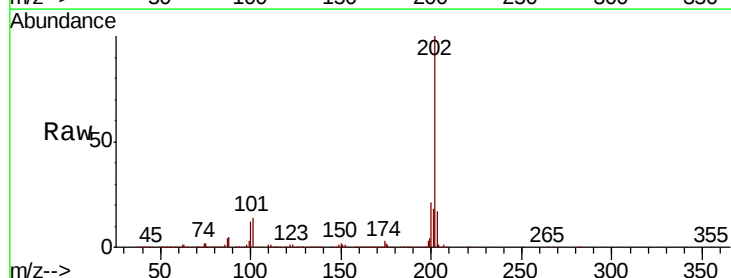
Manual Integrations
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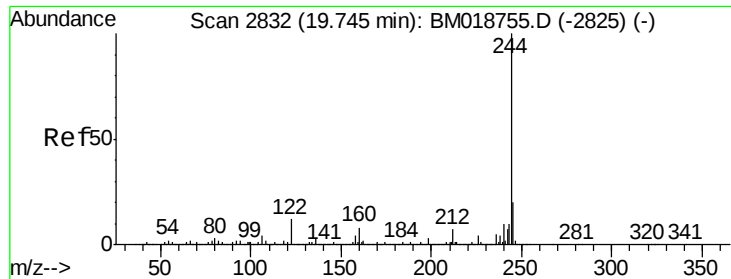
Sohil
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#78
Pyrene
Concen: 45.038 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.3	13.8	20.8





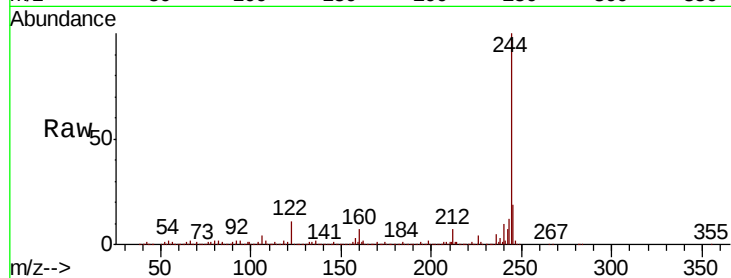
#79
 Terphenyl-d14
 Concen: 85.918 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.5	9.3	13.9

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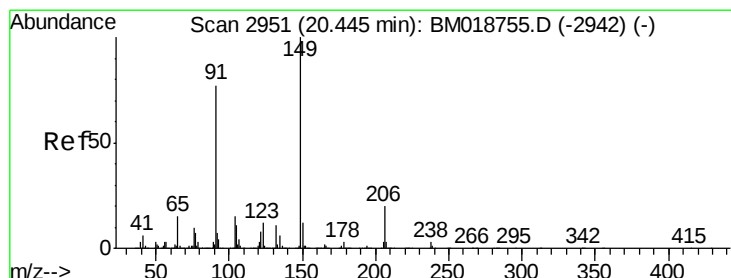
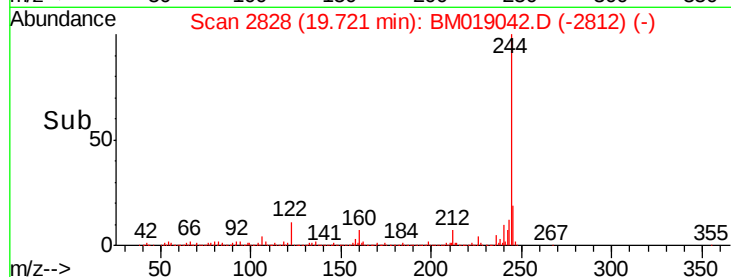
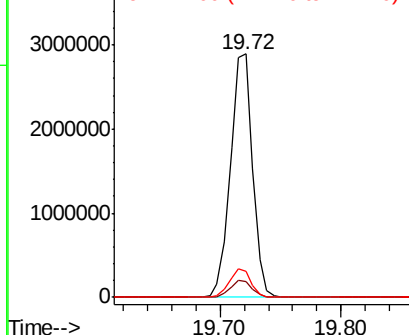


Abundance

Ion 244.00 (243.70 to 244.70): E

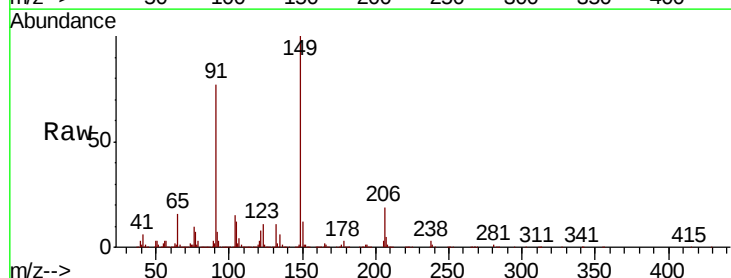
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 43.292 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.0	61.4	92.0
206	19.5	15.8	23.8

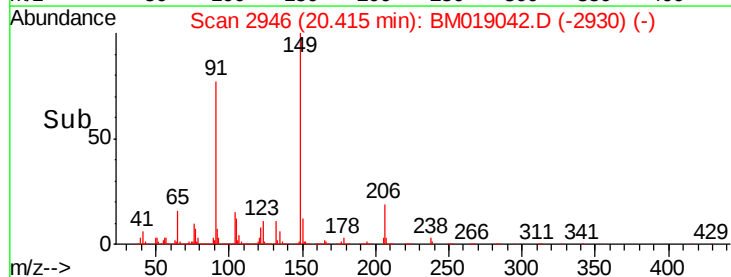
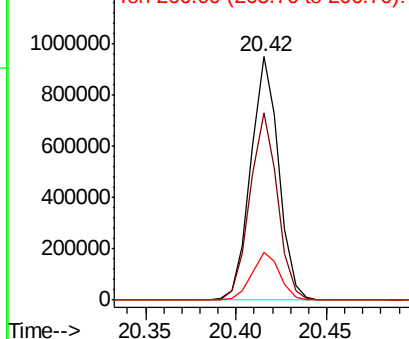


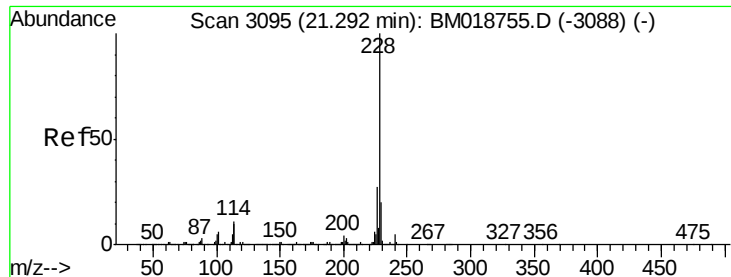
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.705 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

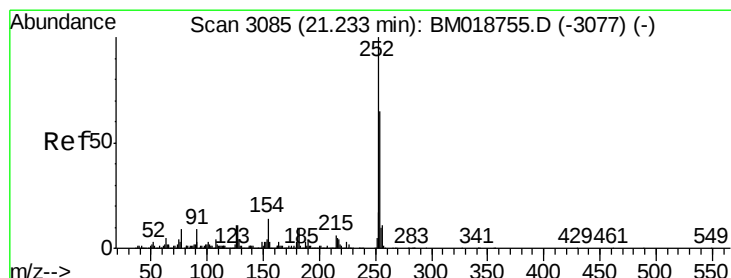
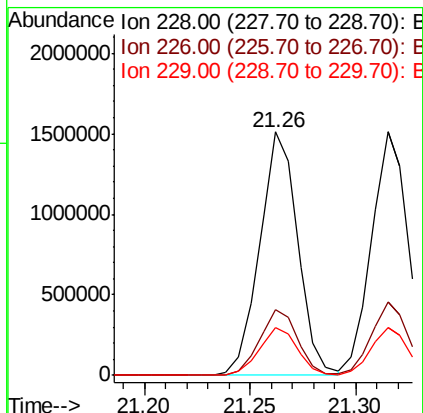
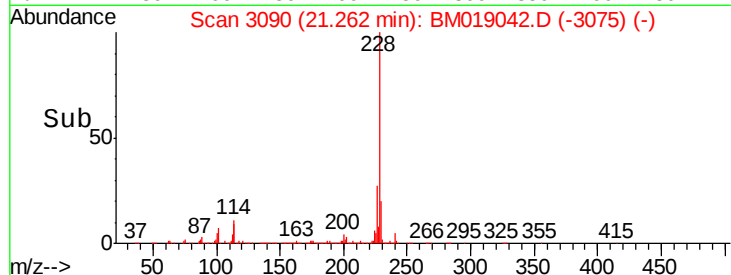
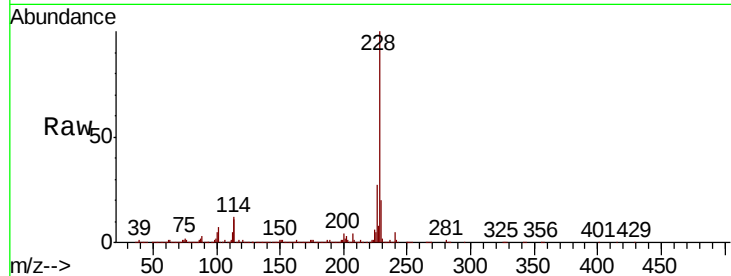
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	228	Resp:	1892998
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.9	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 18.402 ng

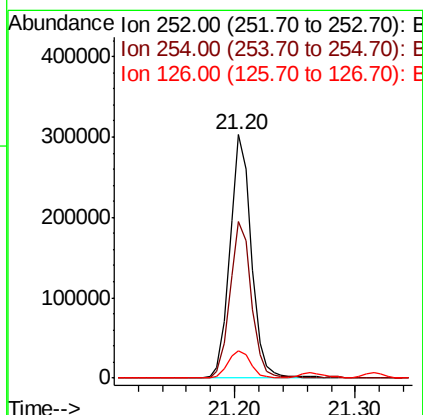
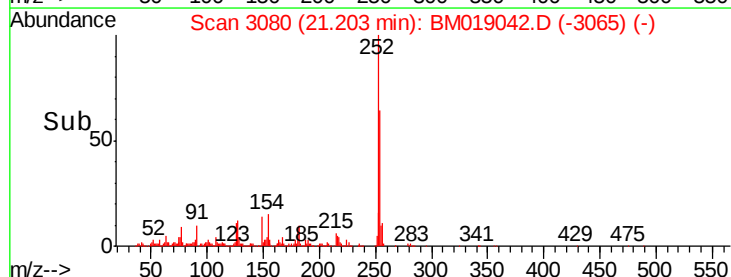
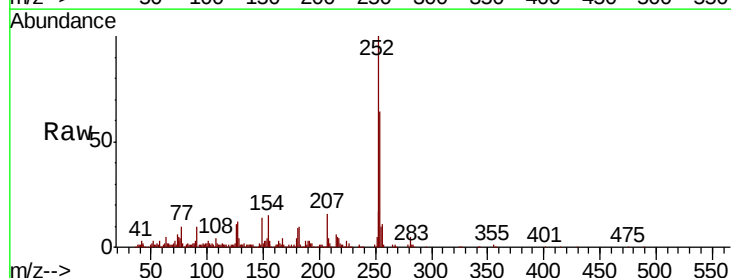
RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:	252	Resp:	375072
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.8
126	11.4	9.1	13.7





#83

Chrysene

Concen: 36.948 ng

RT: 21.31 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

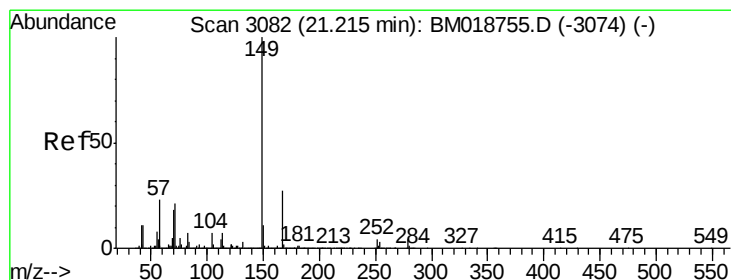
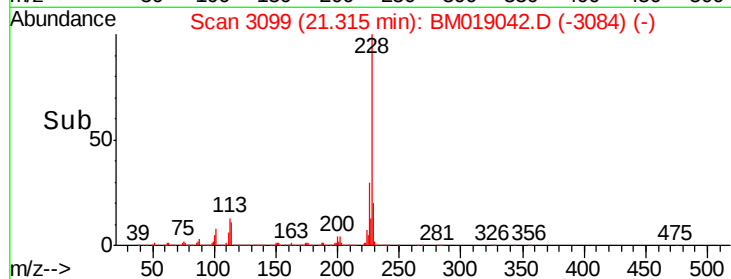
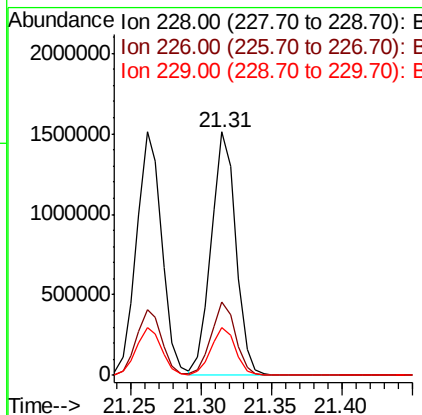
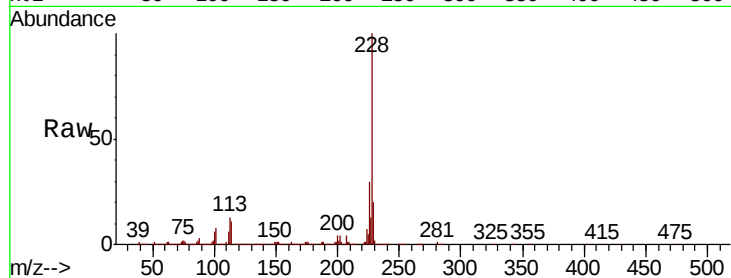
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	228	Resp:	1826443
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.8	16.0	24.0

Manual Integrations
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3/6/2019 5:20:32 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.374 ng

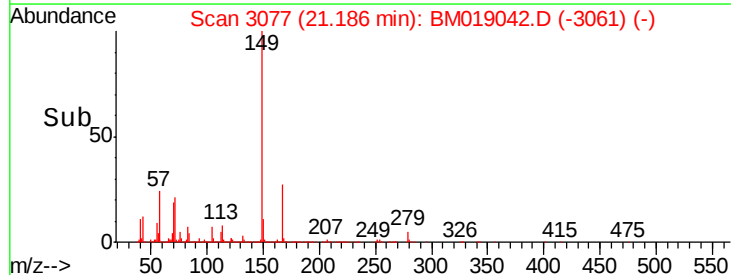
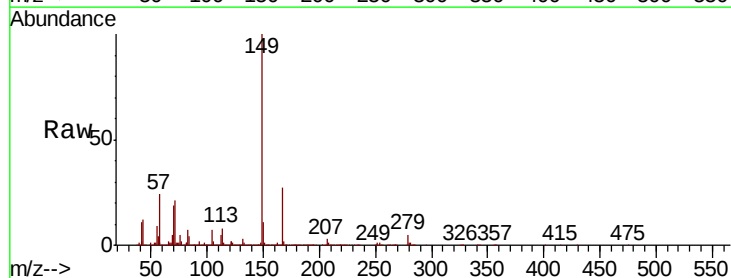
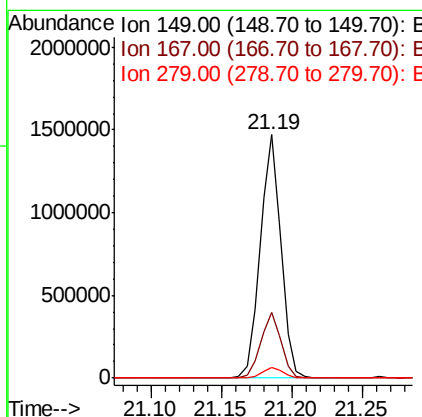
RT: 21.19 min Scan# 3077

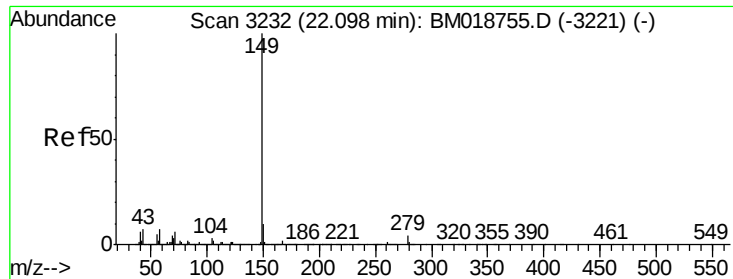
Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:	149	Resp:	1520915
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.6
279	4.6	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 38.922 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

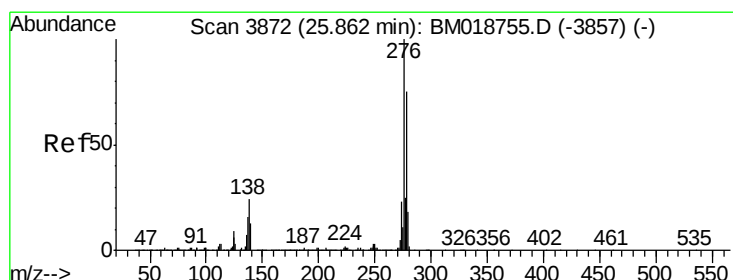
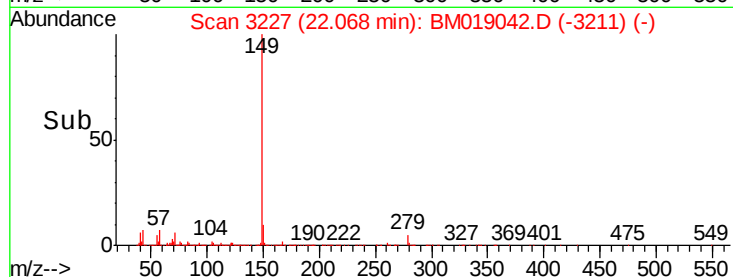
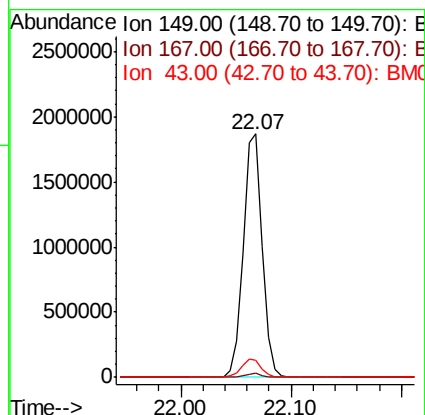
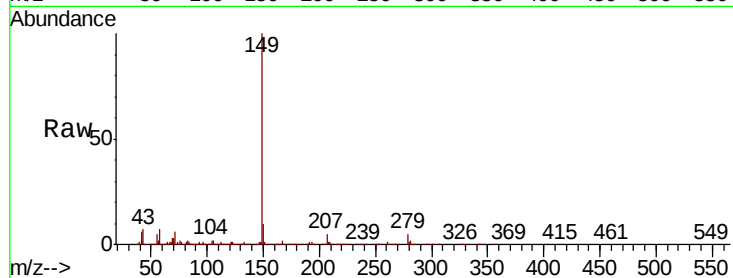
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	149	Resp:	2242160
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.053 ng

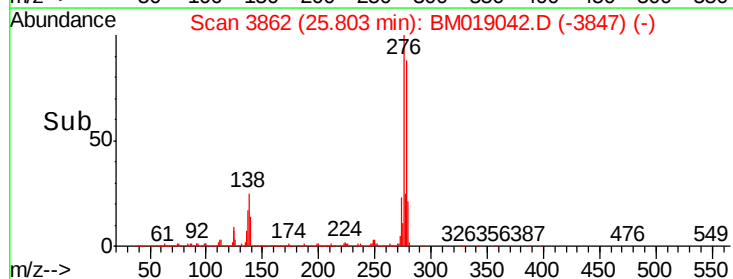
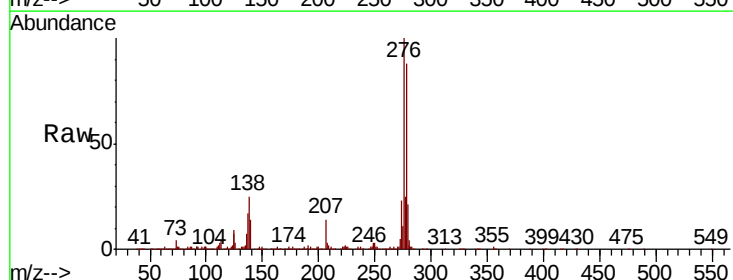
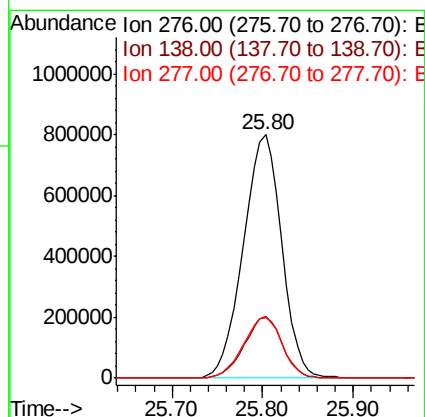
RT: 25.80 min Scan# 3862

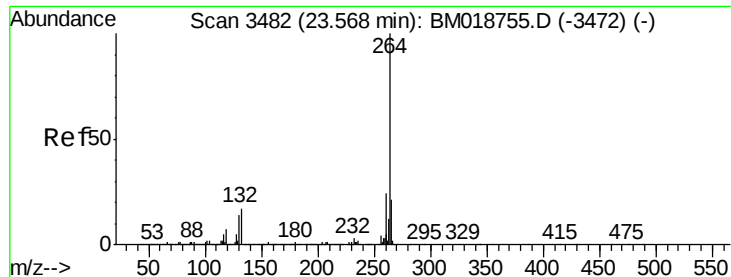
Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:	276	Resp:	2342977
Ion Ratio	Lower	Upper	
276	100		
138	25.2	20.2	30.4
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

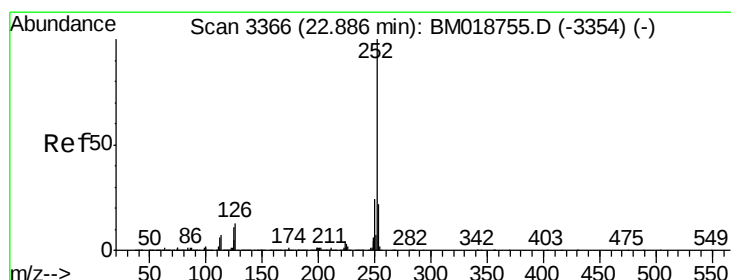
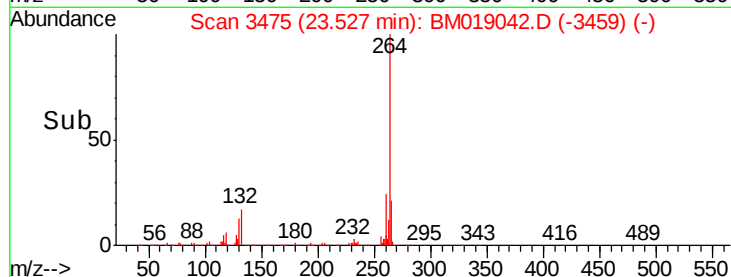
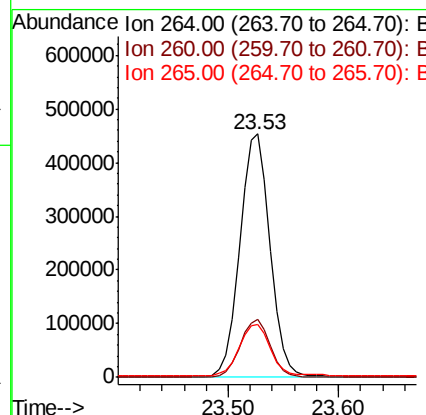
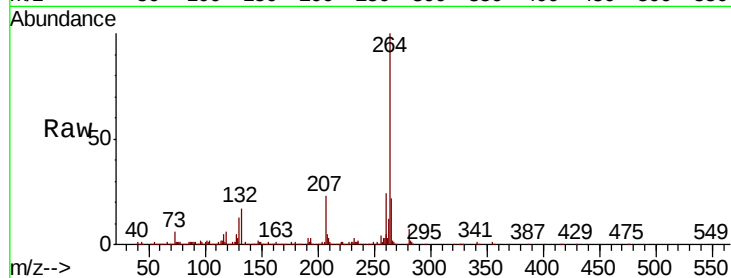
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	264	Resp:	869717
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	21.7	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 37.596 ng

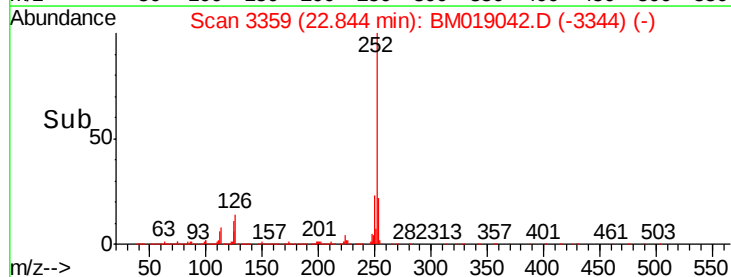
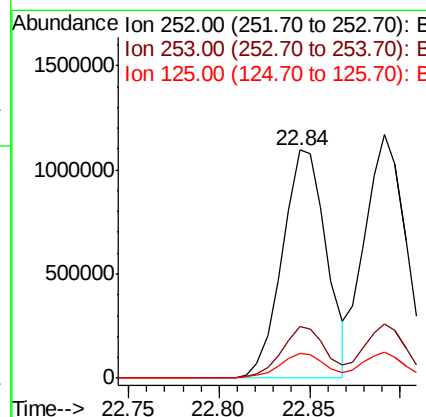
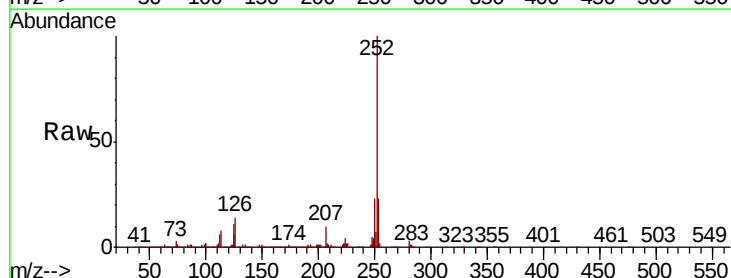
RT: 22.84 min Scan# 3359

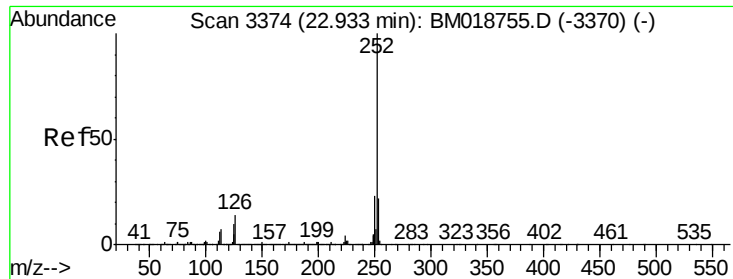
Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:	252	Resp:	1870767
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	10.6	8.6	12.8





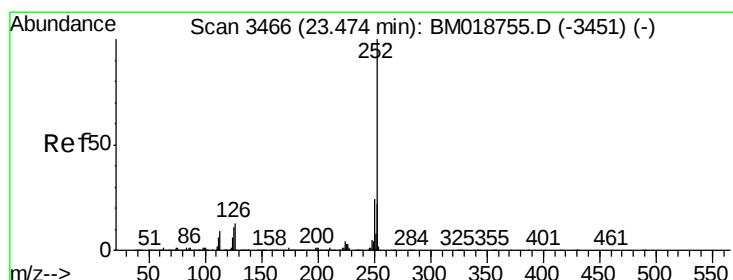
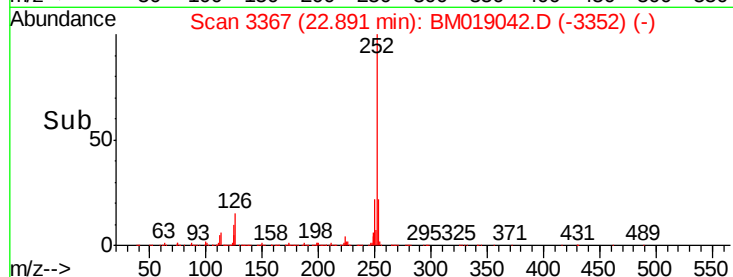
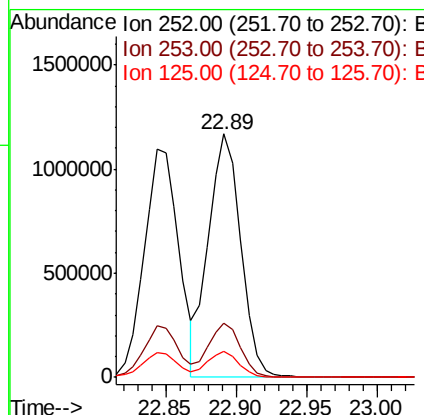
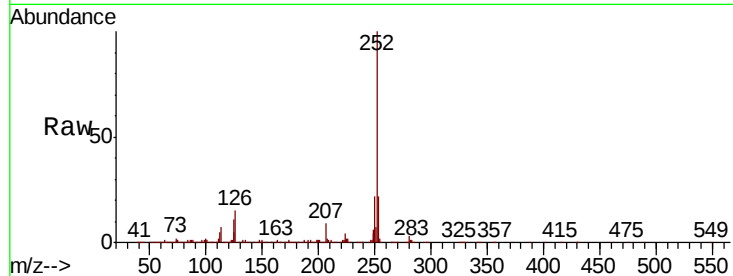
#89
Benzo(k)fluoranthene
Concen: 37.269 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.7	8.2	12.4

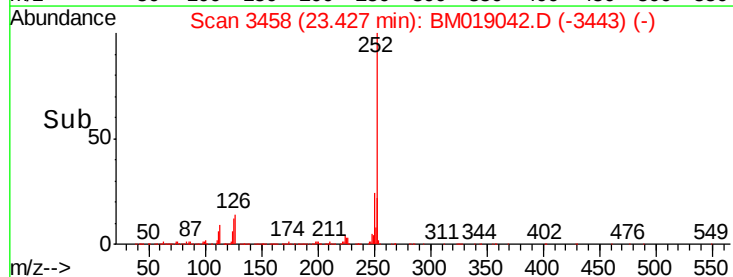
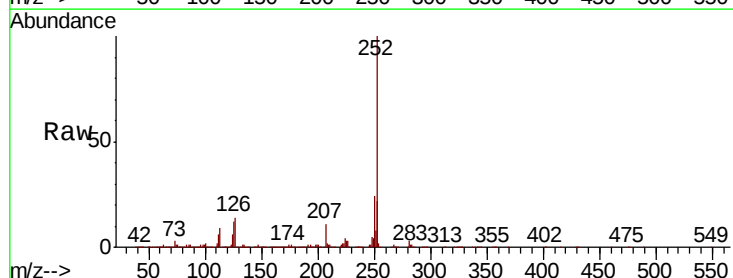
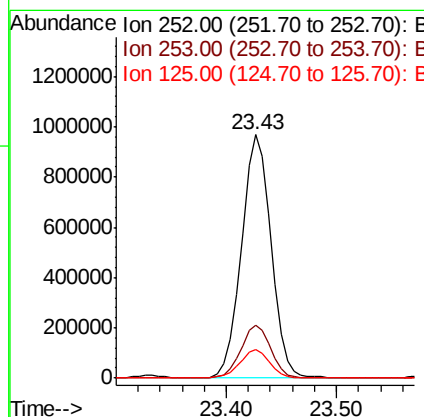
Manual Integrations
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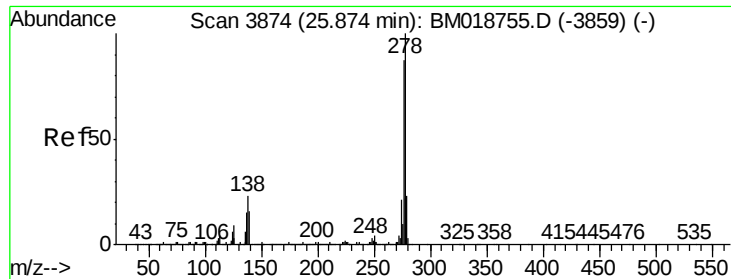
Sohil
3/6/2019 5:20:32 PM



#90
Benzo(a)pyrene
Concen: 38.595 ng
RT: 23.43 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.6	8.6	13.0





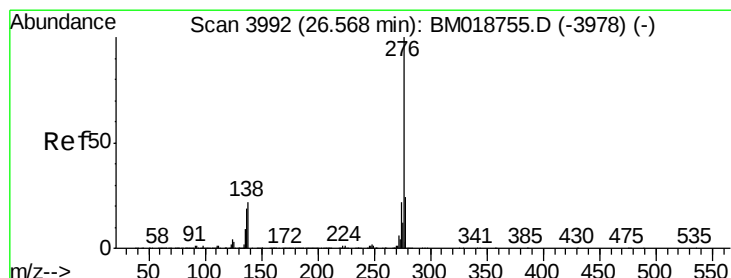
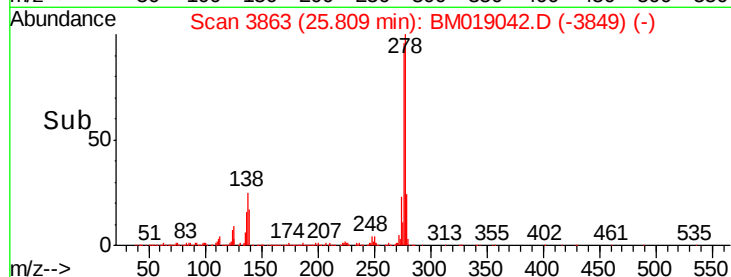
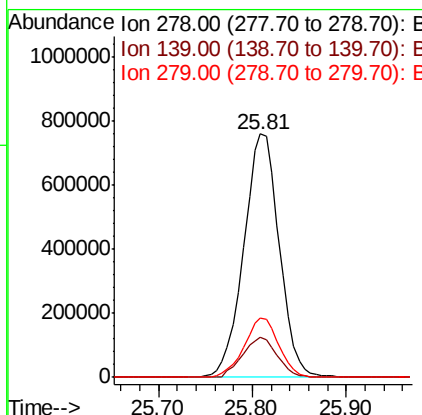
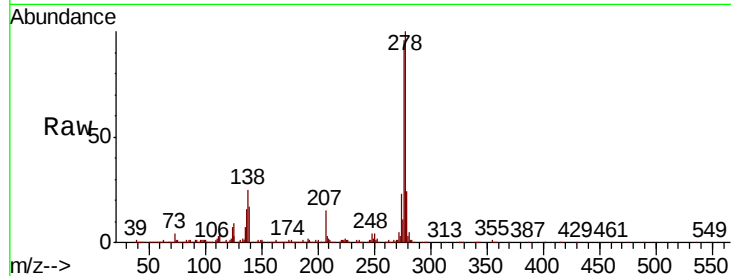
#91
Dibenzo(a,h)anthracene
Concen: 42.465 ng
RT: 25.81 min Scan# 3863
Delta R.T. -0.02 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	18.8
279	24.1	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/6/2019 5:20:32 PM



#92
Benzo(g,h,i)perylene
Concen: 44.847 ng
RT: 26.50 min Scan# 3981
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	20.6	17.3	25.9

