

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019063.D
 Acq On : 06 Mar 2019 09:23
 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 5:26:24 PM

Quant Time: Mar 06 11:04:42 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	201727	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	812678	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	467177	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1043202	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1158621	20.00	ng	0.00
87) Perylene-d12	23.52	264	1107535	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1571537	127.64	ng	0.00
7) Phenol-d6	6.86	99	2201197	126.91	ng	0.00
23) Nitrobenzene-d5	8.84	82	1376322	78.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	855805	127.08	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2591332	73.63	ng	-0.01
79) Terphenyl-d14	19.72	244	4098276	72.97	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	153514	28.628	ng	100
3) Pyridine	3.63	79	345740	23.637	ng	98
4) n-Nitrosodimethylamine	3.55	42	145300	39.048	ng	99
6) Aniline	7.02	93	249543	11.743	ng	98
8) 2-Chlorophenol	7.24	128	515236	38.117	ng	99
9) Benzaldehyde	6.83	77	355613	36.697	ng	100
10) Phenol	6.88	94	756336	41.444	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	485098	34.846	ng	99
12) 1,3-Dichlorobenzene	7.56	146	516925	34.009	ng	98
13) 1,4-Dichlorobenzene	7.71	146	530082	34.257	ng	99
14) 1,2-Dichlorobenzene	8.02	146	513294	34.534	ng	99
15) Benzyl Alcohol	7.92	79	488422	35.440	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	478801	35.536	ng	99
17) 2-Methylphenol	8.12	107	437397	37.657	ng	96
18) Hexachloroethane	8.73	117	192755	34.124	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	450299	33.531	ng	99
20) 3+4-Methylphenols	8.45	107	591201	36.860	ng	97
22) Acetophenone	8.50	105	751115	33.656	ng	# 99
24) Nitrobenzene	8.89	77	638925	35.022	ng	98
25) Isophorone	9.40	82	1128731	40.249	ng	99
26) 2-Nitrophenol	9.59	139	269804	37.136	ng	97
27) 2,4-Dimethylphenol	9.65	122	458813	43.238	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	668636	36.870	ng	99
29) 2,4-Dichlorophenol	10.12	162	469439	38.528	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	494598	35.150	ng	97
31) Naphthalene	10.51	128	1515853	38.245	ng	99
32) Benzoic acid	9.79	122	296203m	32.000	ng	
33) 4-Chloroaniline	10.65	127	141114	7.965	ng	98
34) Hexachlorobutadiene	10.77	225	267562	32.759	ng	100
35) Caprolactam	11.45	113	150952m	30.357	ng	
36) 4-Chloro-3-methylphenol	11.76	107	541793	36.881	ng	98
37) 2-Methylnaphthalene	12.13	142	1092836	39.162	ng	99
38) 1-Methylnaphthalene	12.35	142	1043666	38.246	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	521087	34.868	ng	99

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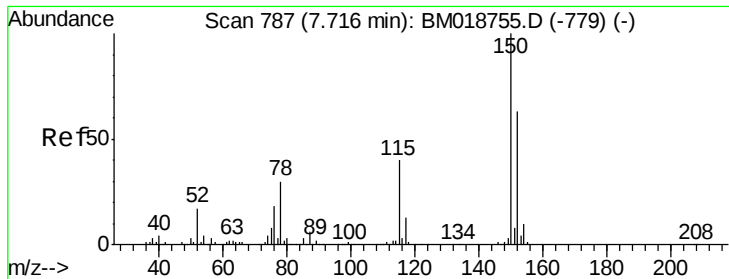
Manual Integrations
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Quant Time: Mar 06 11:04:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	426903	55.872	nq	99
43) 2,4,6-Trichlorophenol	12.75	196	376109	38.017	nq	98
44) 2,4,5-Trichlorophenol	12.83	196	401686	38.737	nq	98
46) 1,1'-Biphenyl	13.15	154	1404383	34.923	nq	99
47) 2-Chloronaphthalene	13.20	162	1093288	35.199	nq	100
48) 2-Nitroaniline	13.42	65	374212	36.276	nq	99
49) Acenaphthylene	14.05	152	1776665	38.415	nq	100
50) Dimethylphthalate	13.79	163	1566429	40.233	nq	99
51) 2,6-Dinitrotoluene	13.92	165	311102	36.886	nq	97
52) Acenaphthene	14.39	154	1019228	35.940	nq	99
53) 3-Nitroaniline	14.26	138	151963	15.946	nq	98
54) 2,4-Dinitrophenol	14.47	184	332476	63.413	nq	95
55) Dibenzofuran	14.73	168	1656377	35.535	nq	99
56) 4-Nitrophenol	14.57	139	551762	72.531	nq	96
57) 2,4-Dinitrotoluene	14.72	165	443330	38.151	nq	98
58) Fluorene	15.38	166	1349174	37.834	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	358123	39.072	nq	99
60) Diethylphthalate	15.16	149	1424397	35.466	nq	100
61) 4-Chlorophenyl-phenylether	15.37	204	660939	33.057	nq	99
62) 4-Nitroaniline	15.43	138	303925	32.532	nq	98
63) Azobenzene	15.67	77	1500028	34.834	nq	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	220157	30.058	nq	97
66) n-Nitrosodiphenylamine	15.60	169	1197293	36.327	nq	99
67) 4-Bromophenyl-phenylether	16.27	248	399891	34.246	nq	99
68) Hexachlorobenzene	16.37	284	473319	34.873	nq	96
69) Atrazine	16.56	200	417314	39.275	nq	99
70) Pentachlorophenol	16.73	266	606580	69.410	nq	99
71) Phenanthrene	17.12	178	2128719	37.970	nq	99
72) Anthracene	17.22	178	2153724	39.469	nq	100
73) Carbazole	17.49	167	2045839	35.885	nq	99
74) Di-n-butylphthalate	18.04	149	2500743	38.141	nq	100
75) Fluoranthene	19.14	202	2513134	38.807	nq	98
77) Benzidine	19.35	184	913420	35.005	nq	99
78) Pyrene	19.51	202	2576588	38.290	nq	100
80) Butylbenzylphthalate	20.42	149	1225847	39.972	nq	99
81) Benzo(a)anthracene	21.26	228	2485679	36.804	nq	99
82) 3,3'-Dichlorobenzidine	21.20	252	554975	20.792	nq	99
83) Chrysene	21.32	228	2390099	36.922	nq	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1931601	43.034	nq	100
85) Di-n-octyl phthalate	22.06	149	3202546	42.452	nq	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2730568	36.535	nq	100
88) Benzo(b)fluoranthene	22.84	252	2486150	39.235	nq	100
89) Benzo(k)fluoranthene	22.89	252	2385361	37.812	nq	100
90) Benzo(a)pyrene	23.43	252	2309310	38.470	nq	99
91) Dibenzo(a,h)anthracene	25.81	278	2331207	39.198	nq	99
92) Benzo(g,h,i)perylene	26.50	276	2199259	39.721	nq	99

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



#1

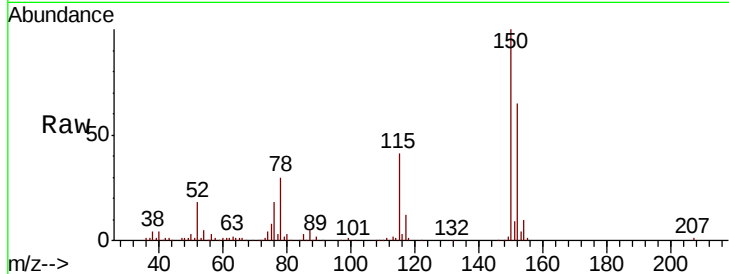
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.3	190.9
115	62.8	50.8	76.2

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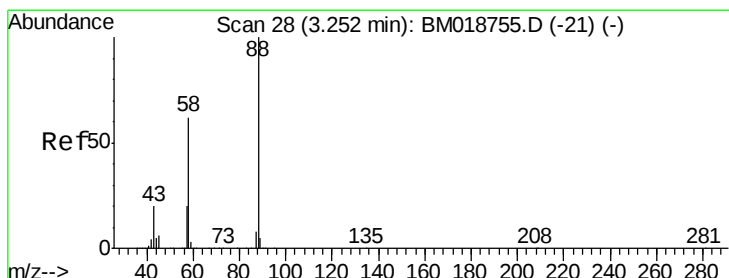
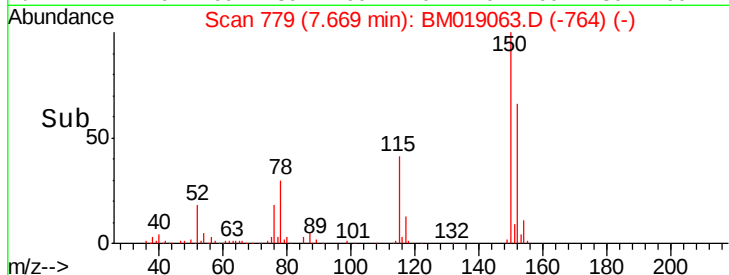
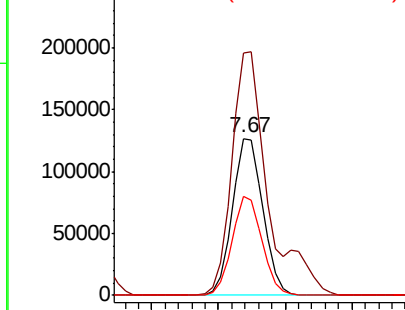


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

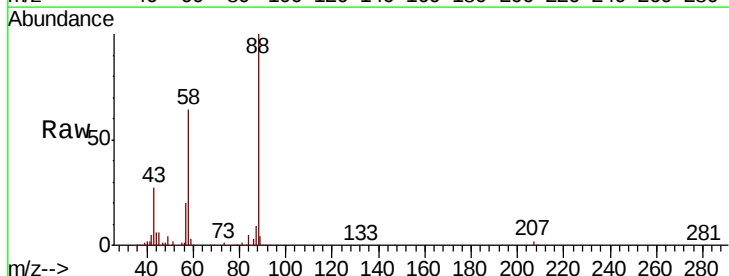
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.628 ng
RT: 3.23 min Scan# 24
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	49.8	74.6
43	20.6	16.7	25.1

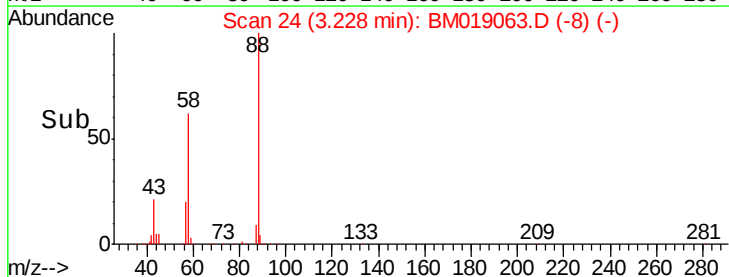
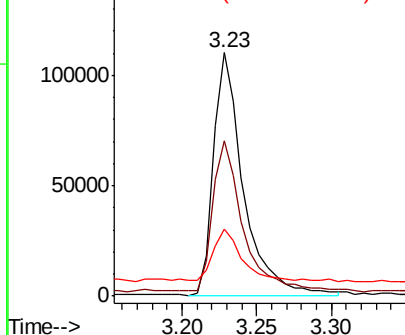


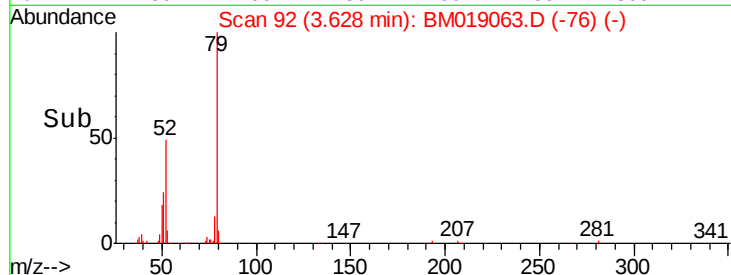
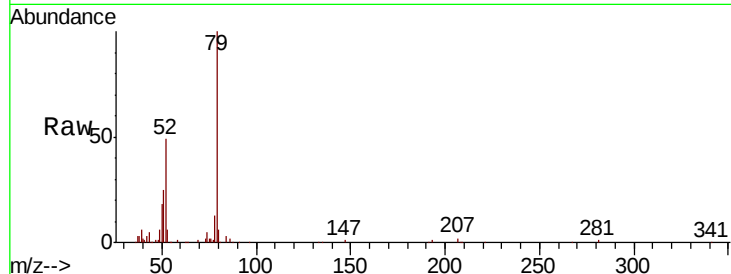
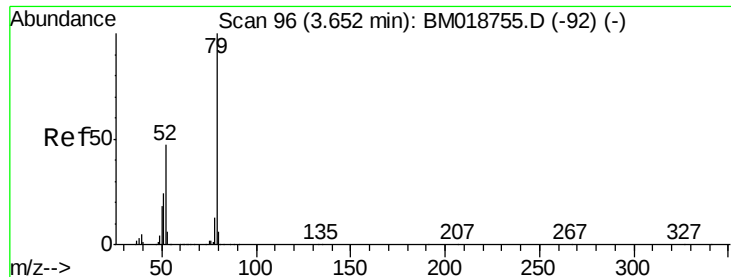
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





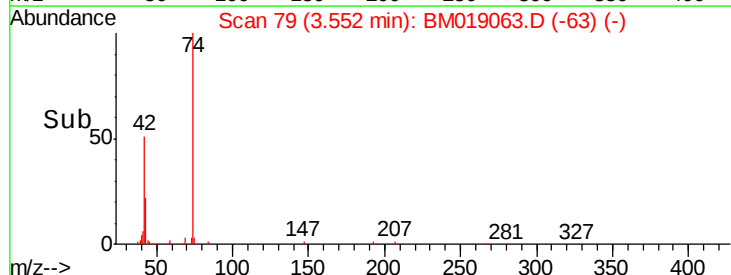
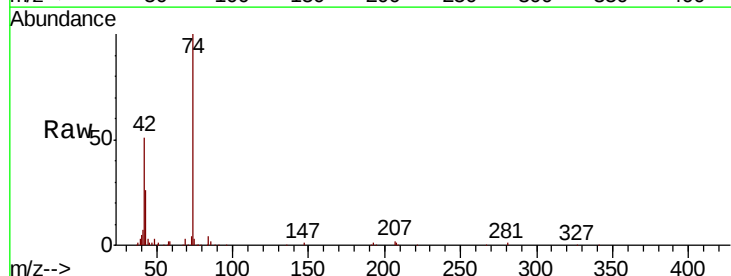
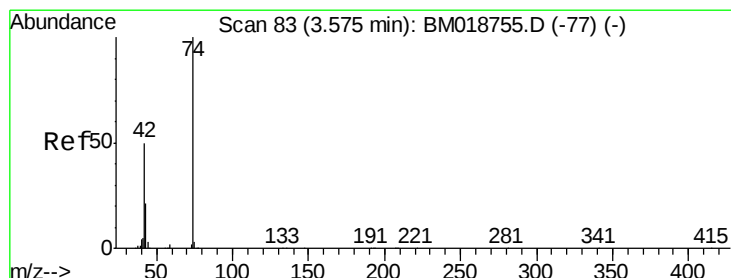
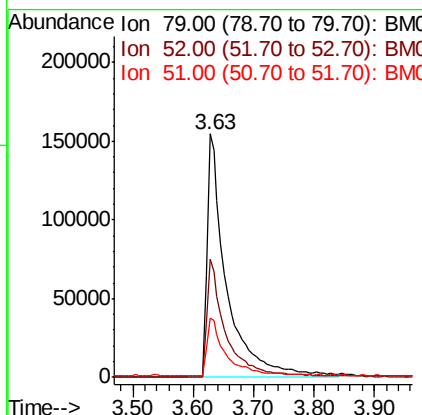
#3
 Pvridine
 Concen: 23.637 ng
 RT: 3.63 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tot Ion:	79	Resp:	345740
Ion	Ratio	Lower	Upper
79	100		
52	48.6	37.6	56.4
51	24.6	19.7	29.5

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

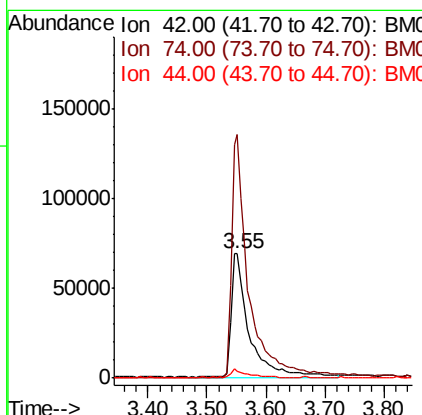
Manual Integrations
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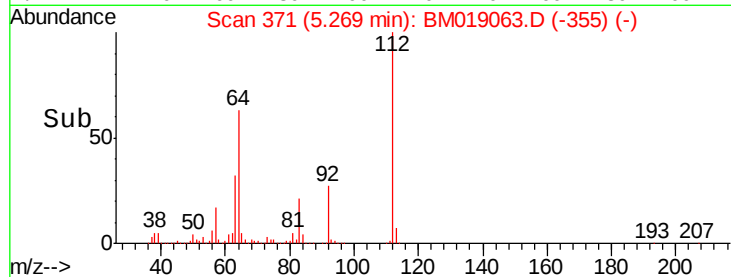
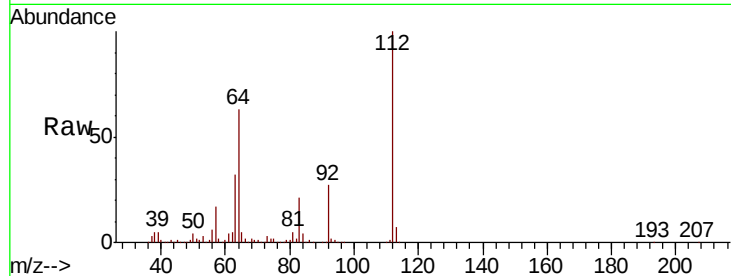
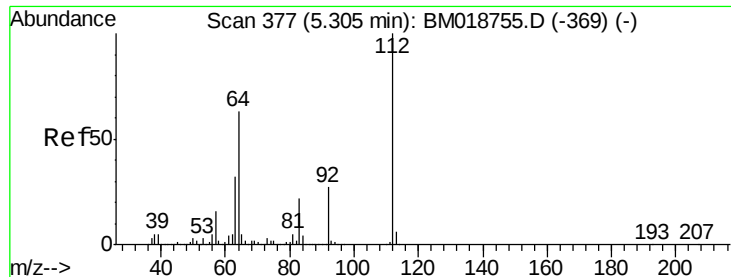
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#4
 n-Nitrosodimethylamine
 Concen: 39.048 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tgt Ion:	42	Resp:	145300
Ion	Ratio	Lower	Upper
42	100		
74	195.5	158.1	237.1
44	5.3	4.9	7.3





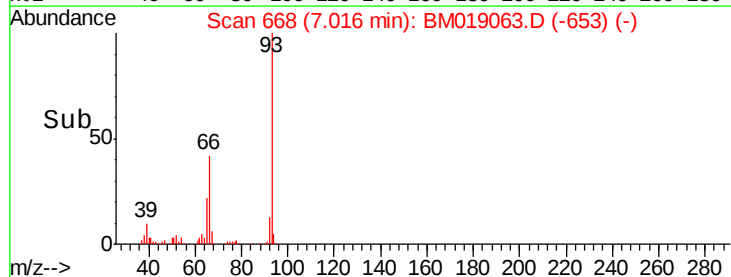
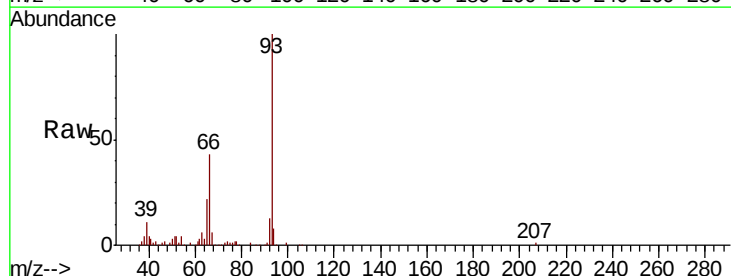
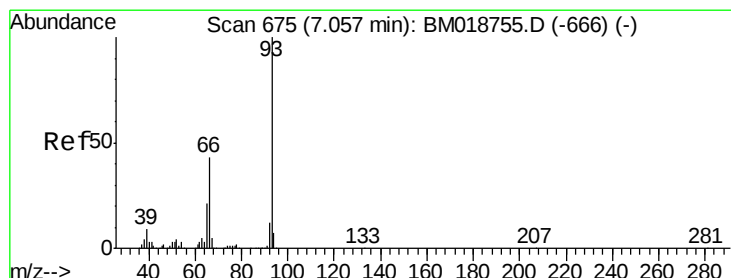
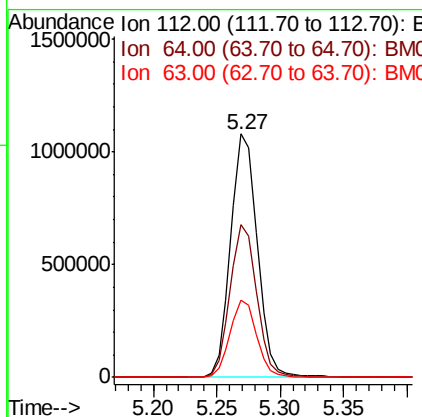
#5
2-Fluorophenol
Concen: 127.644 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.6	75.8
63	31.8	25.7	38.5

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

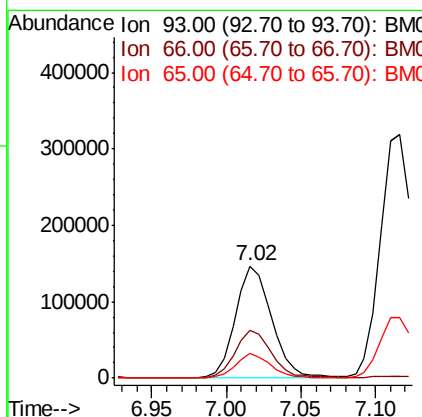
Manual Integrations
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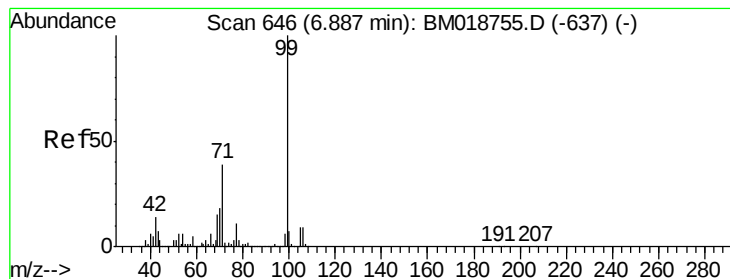
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#6
Aniline
Concen: 11.743 ng
RT: 7.02 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.2	34.1	51.1
65	22.3	16.6	24.8





#7

Phenol-d6

Concen: 126.911 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion: 99 Resp: 2201197

Ion Ratio Lower Upper

99 100

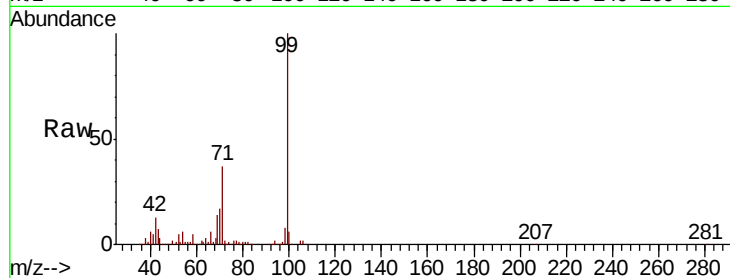
42 13.3 11.0 16.6

71 36.8 31.3 46.9

Manual Integrations
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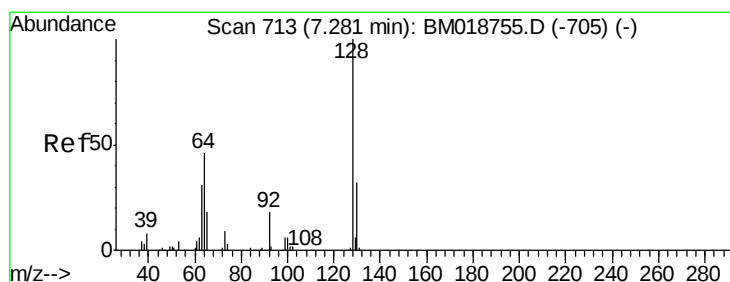
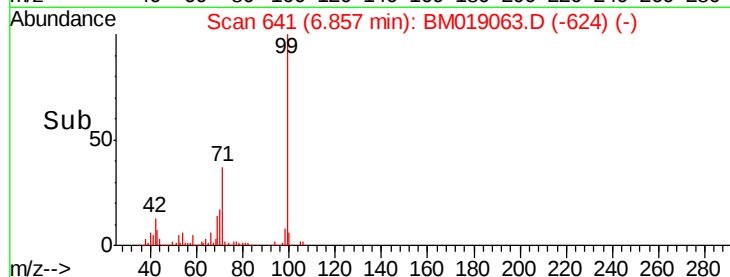
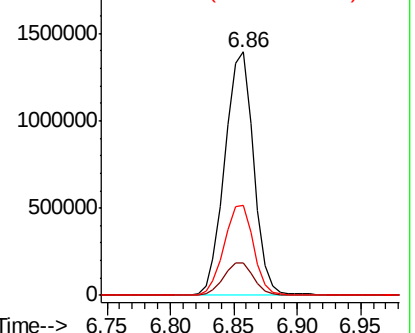
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 38.117 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

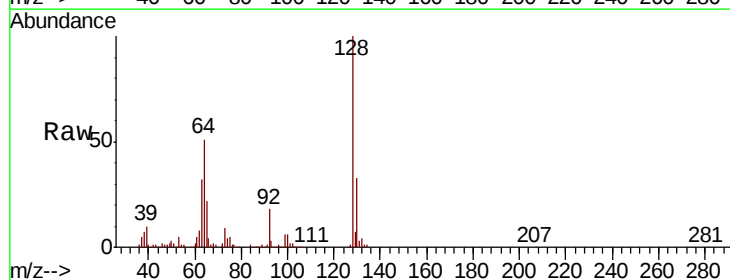
Tgt Ion: 128 Resp: 515236

Ion Ratio Lower Upper

128 100

130 32.7 11.7 51.7

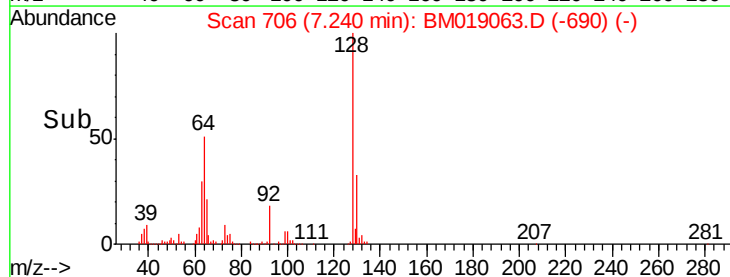
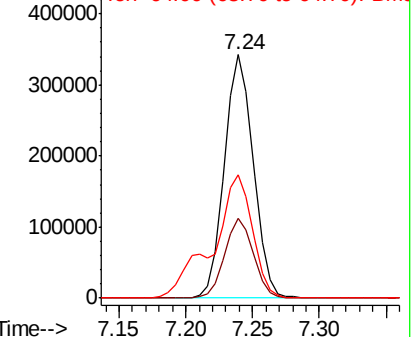
64 50.7 31.0 71.0

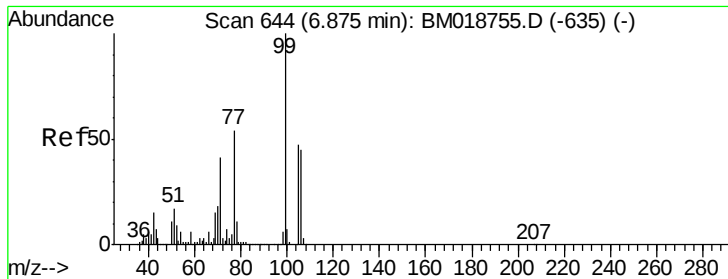


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 36.697 ng

RT: 6.83 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

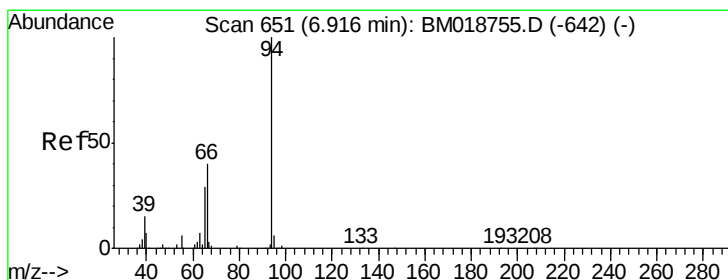
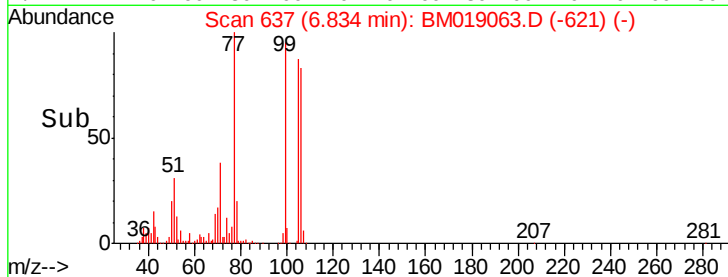
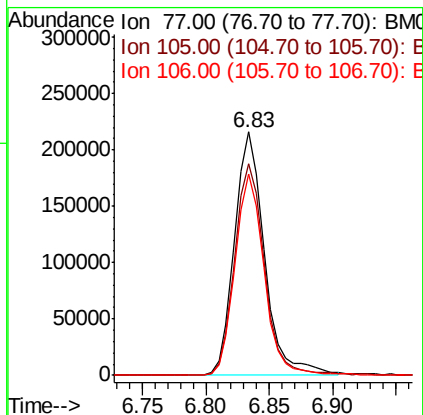
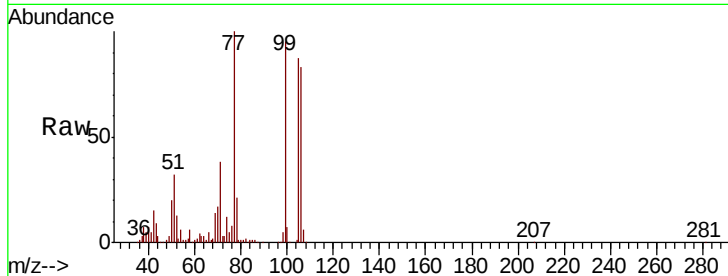
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	77	Resp:	355613
Ion	Ratio	Lower	Upper
77	100		
105	86.9	67.3	107.3
106	82.5	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 41.444 ng

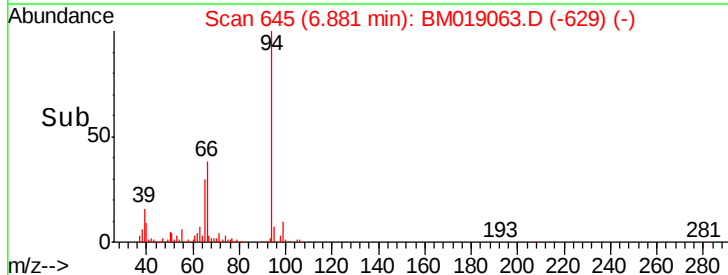
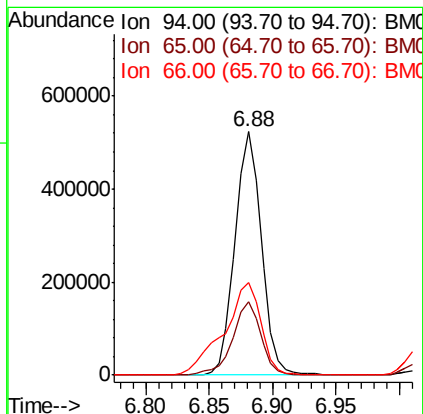
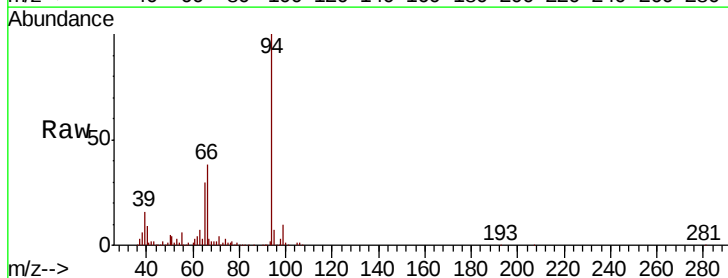
RT: 6.88 min Scan# 645

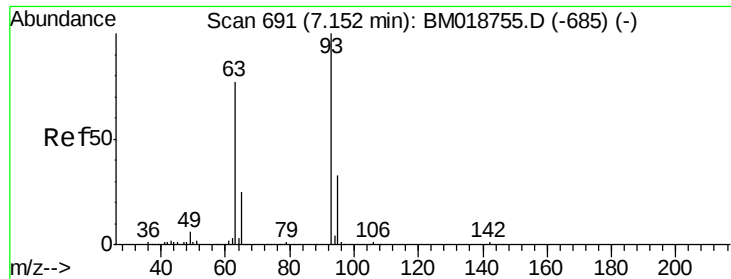
Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Tgt Ion:	94	Resp:	756336
Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.6	49.6
66	38.3	20.4	60.4





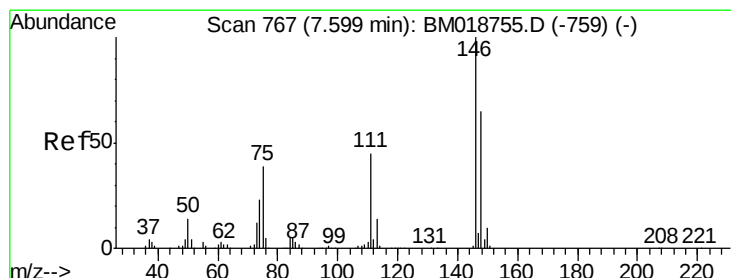
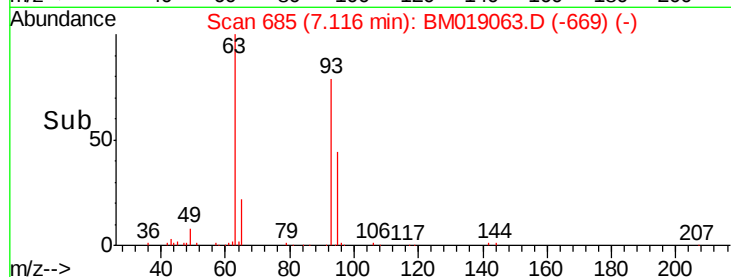
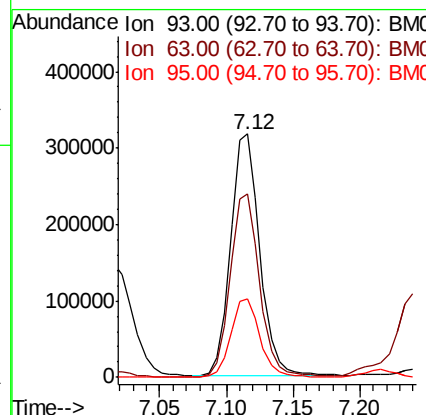
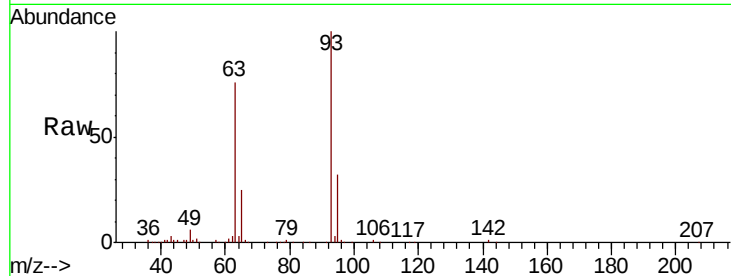
#11
bis(2-Chloroethyl)ether
Concen: 34.846 ng
RT: 7.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	57.0	97.0
95	32.4	12.4	52.4

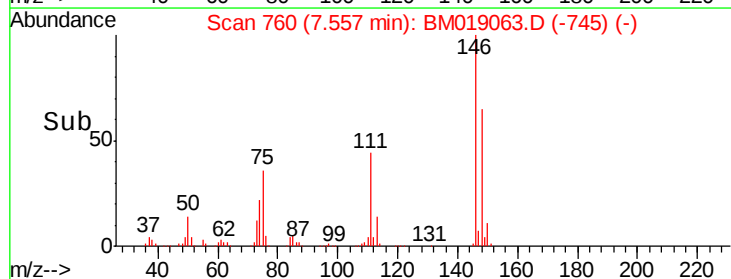
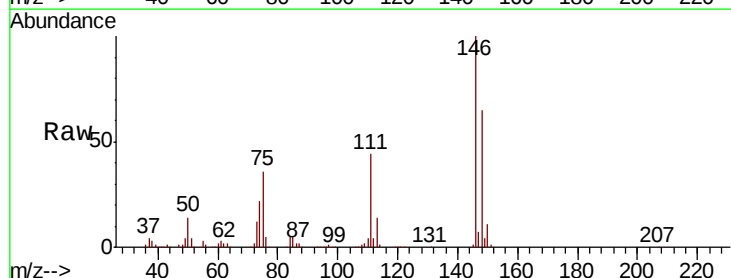
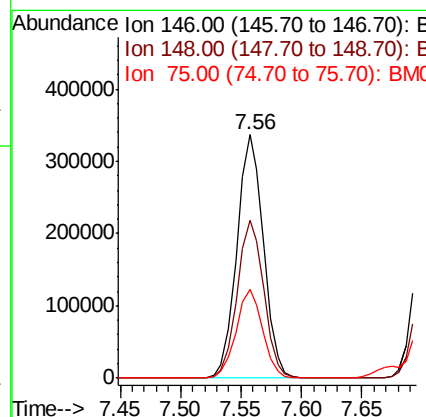
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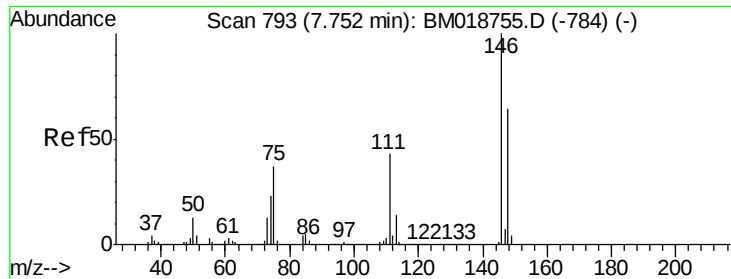
Sohil
3/6/2019 5:26:24 PM



#12
1,3-Dichlorobenzene
Concen: 34.009 ng
RT: 7.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
75	36.4	31.3	46.9





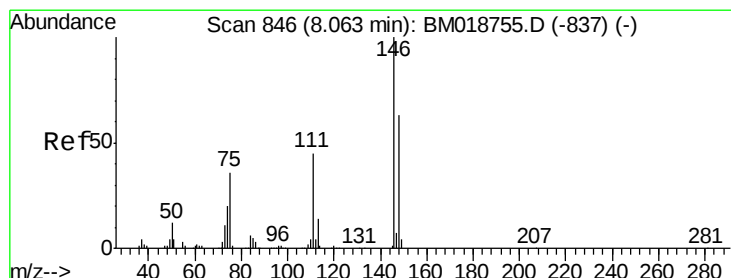
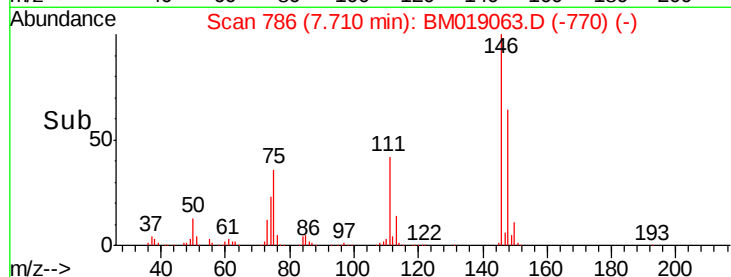
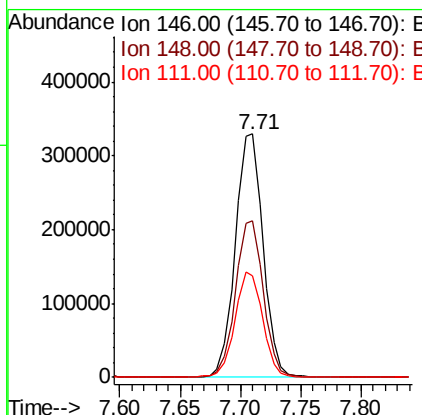
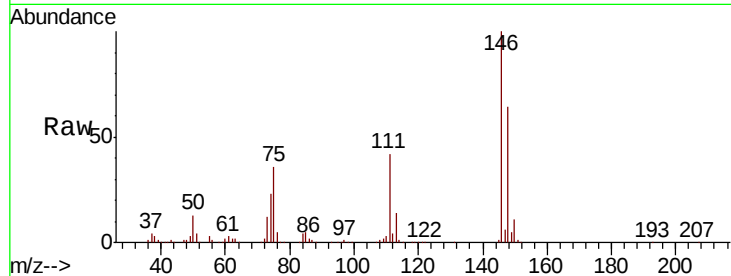
#13
 1,4-Dichlorobenzene
 Concen: 34.257 ng
 RT: 7.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	41.6	34.6	52.0

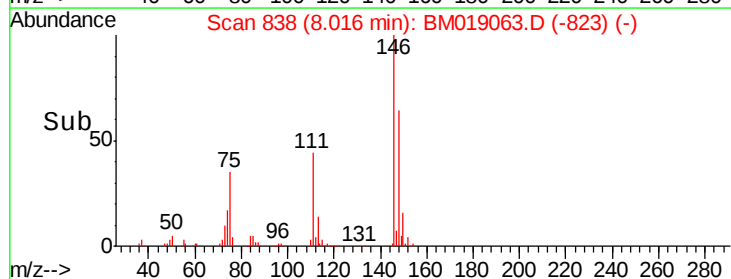
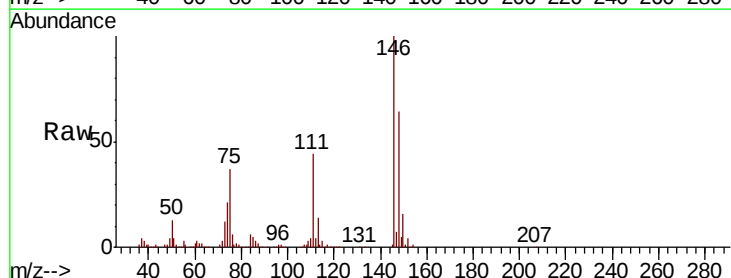
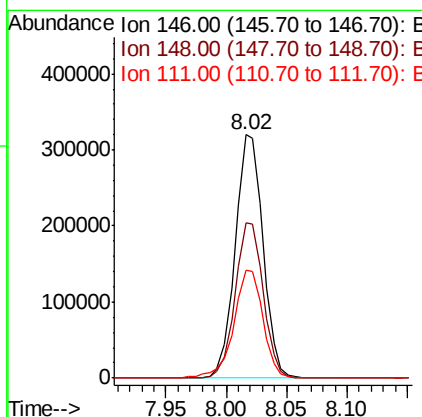
Manual Integrations
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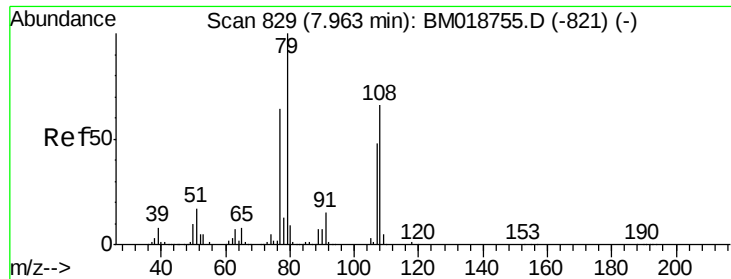
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 34.534 ng
 RT: 8.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.7	76.1
111	44.2	35.9	53.9





#15

Benzyl Alcohol

Concen: 35.440 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

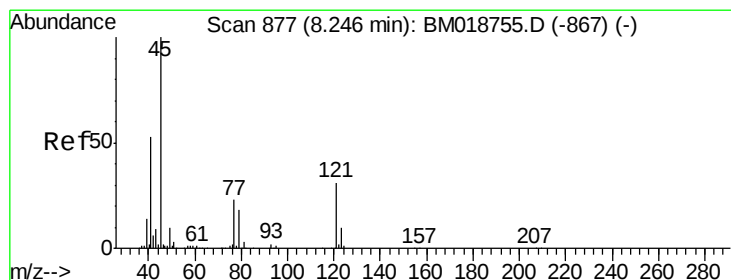
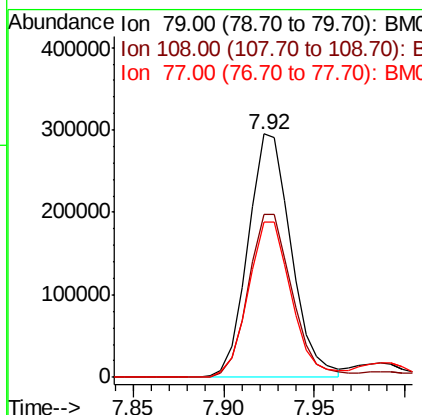
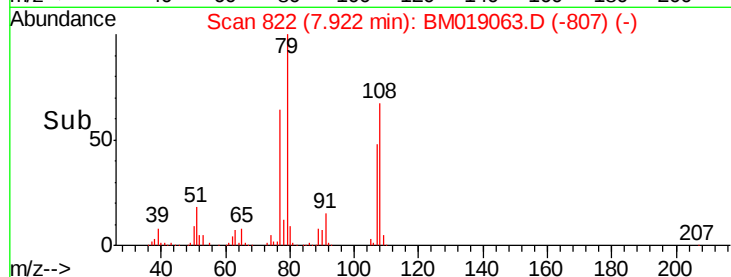
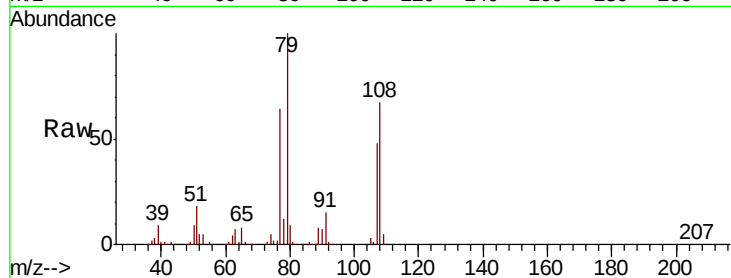
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	79	Resp:	488422
Ion Ratio	Lower	Upper	
79	100		
108	67.1	52.7	79.1
77	64.0	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.536 ng

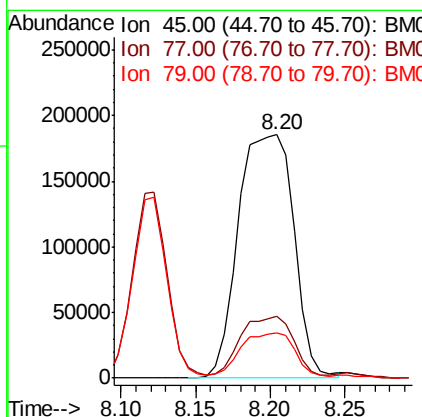
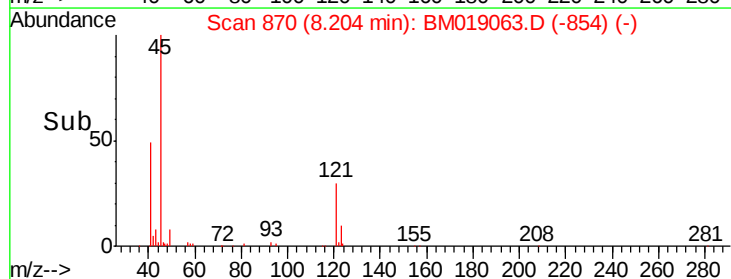
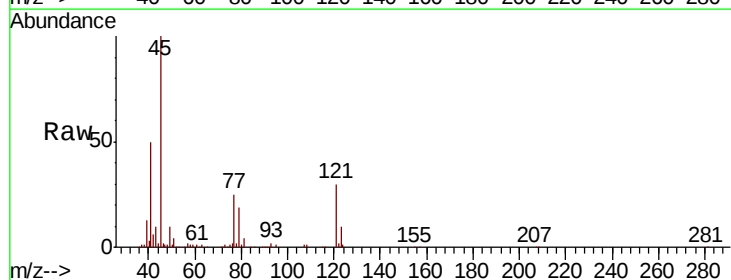
RT: 8.20 min Scan# 870

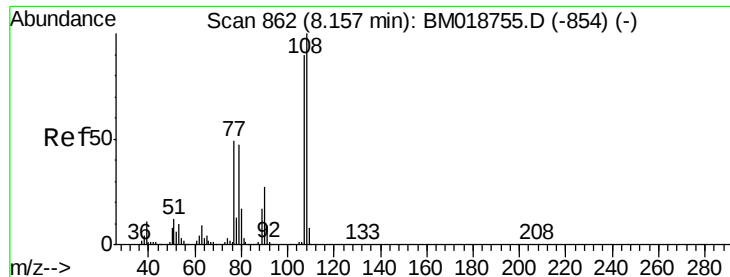
Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Tgt Ion:	45	Resp:	478801
Ion Ratio	Lower	Upper	
45	100		
77	25.2	5.0	45.0
79	18.6	0.0	39.3





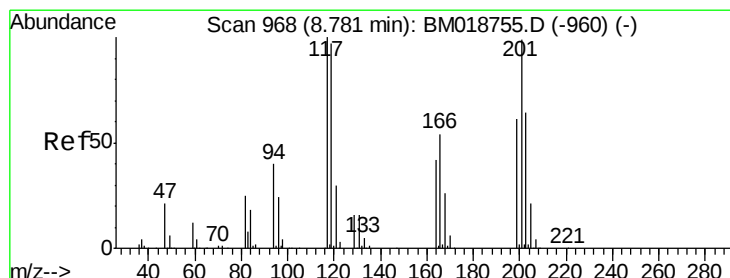
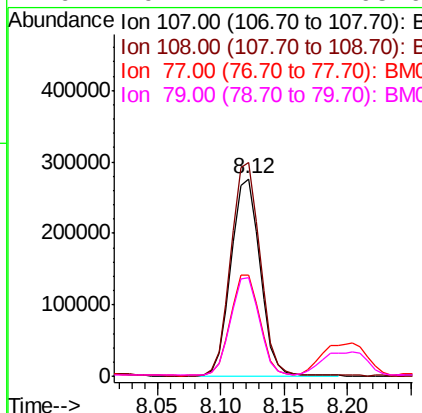
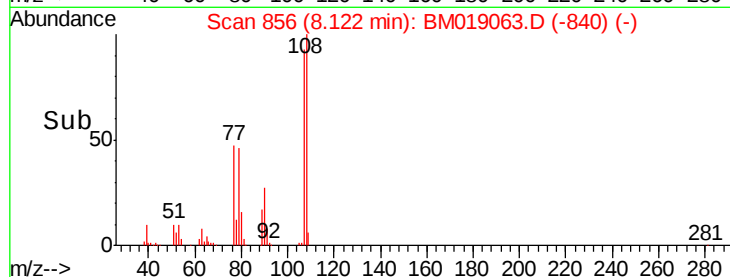
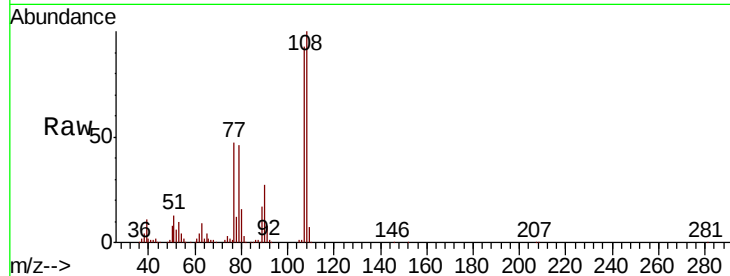
#17
2-Methylphenol
Concen: 37.657 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	88.8	133.2	
77	51.3	44.0	66.0	
79	49.7	42.4	63.6	

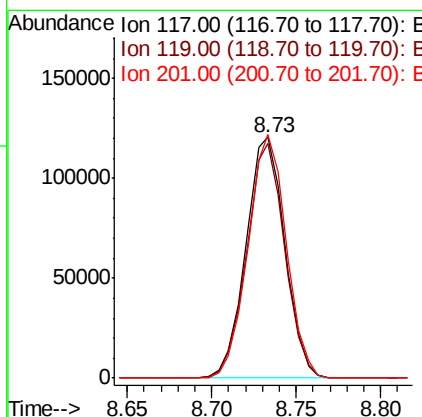
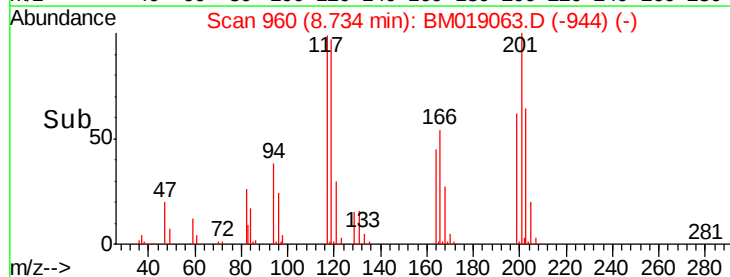
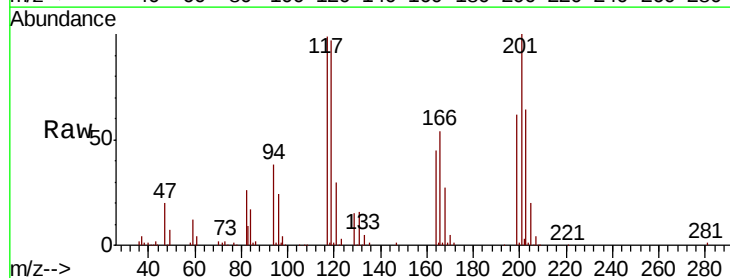
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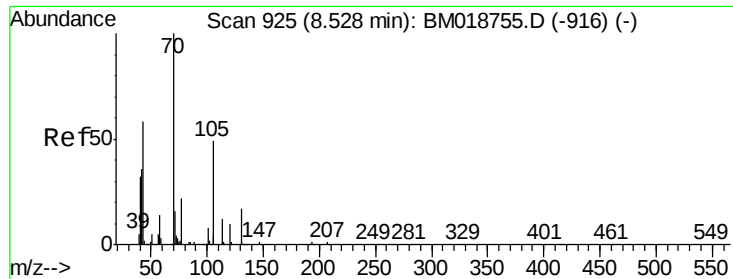
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#18
Hexachloroethane
Concen: 34.124 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	77.9	116.9	
201	101.3	79.2	118.8	





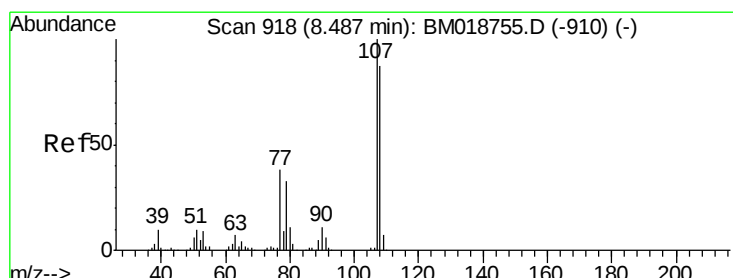
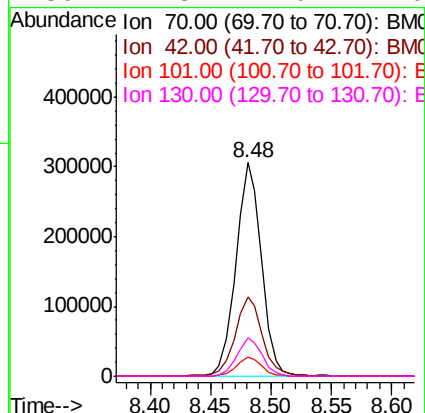
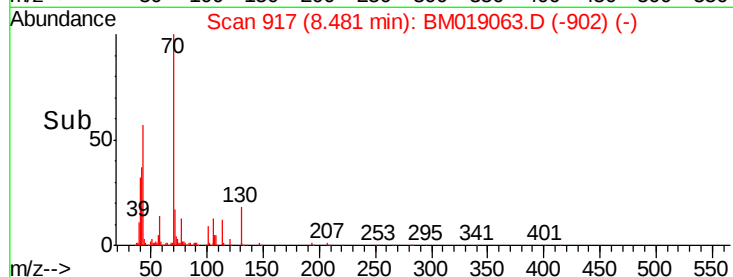
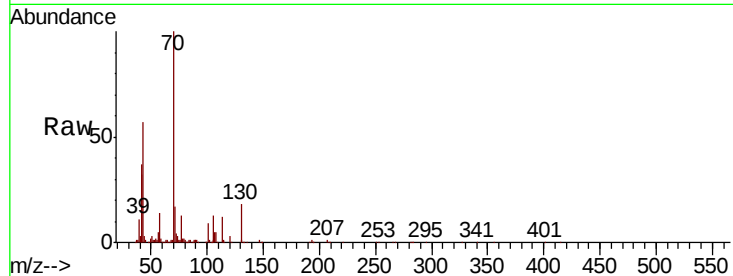
#19
n-Nitroso-di-n-propylamine
Concen: 33.531 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	37.4	29.4	44.0
101	9.0	6.7	10.1
130	17.8	14.0	21.0

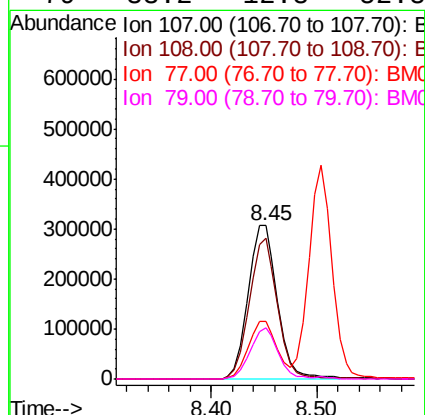
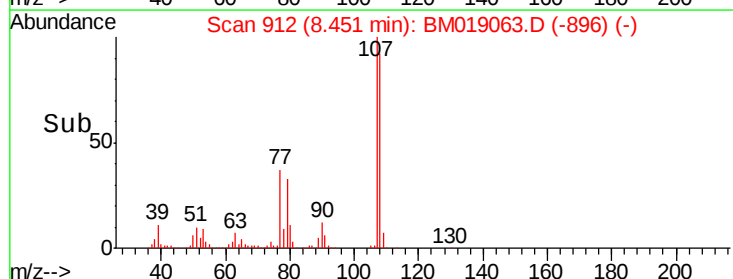
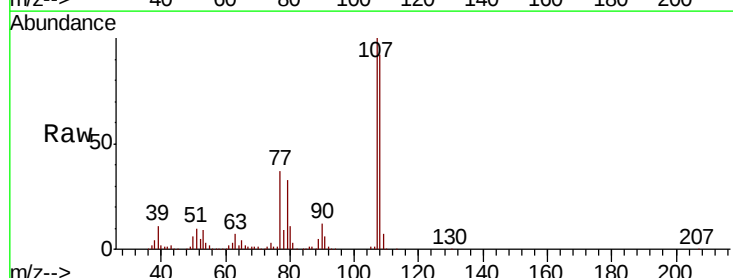
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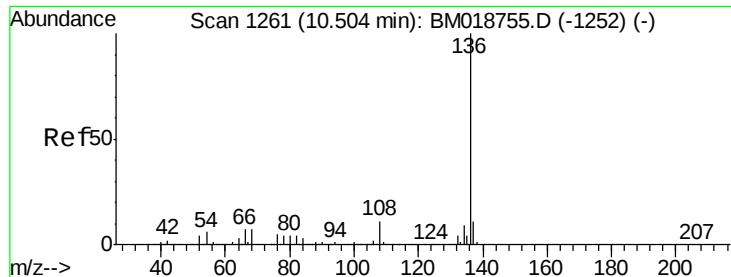
Sohil
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#20
3+4-Methylphenols
Concen: 36.860 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	67.3	107.3
77	37.4	18.0	58.0
79	33.2	12.8	52.8





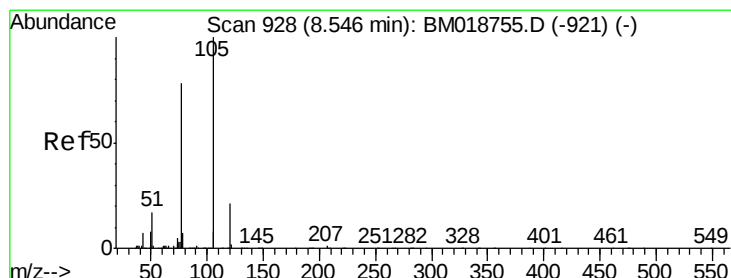
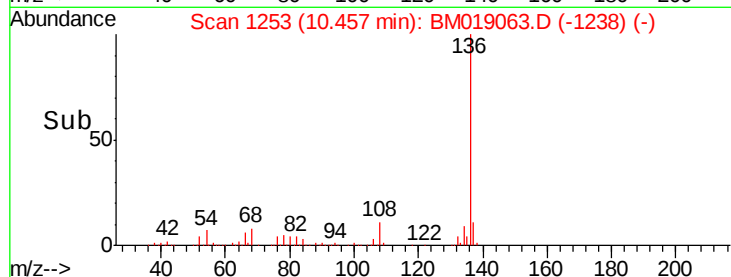
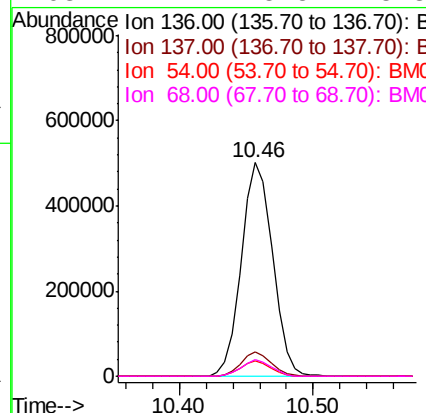
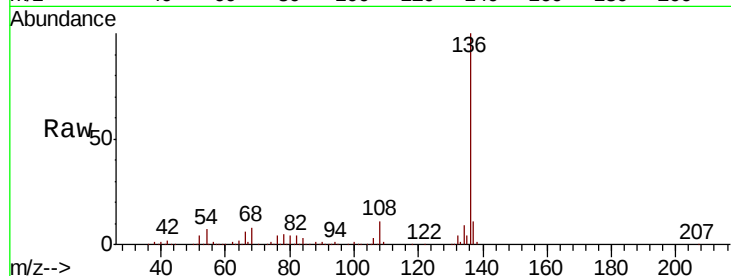
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	812678		
137	11.2		8.8	13.2
54	7.3		5.0	7.6
68	7.7		5.5	8.3

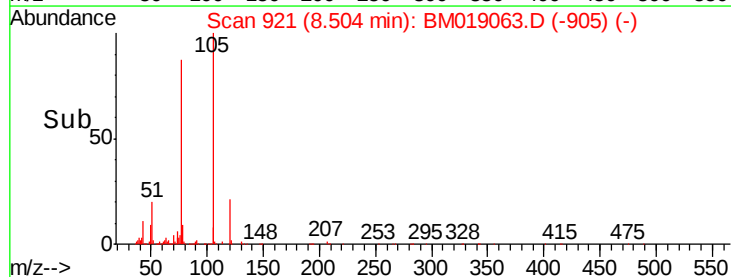
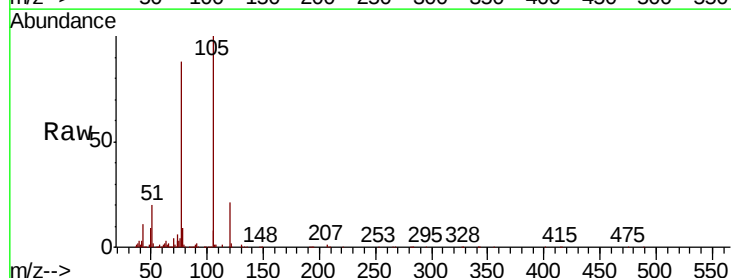
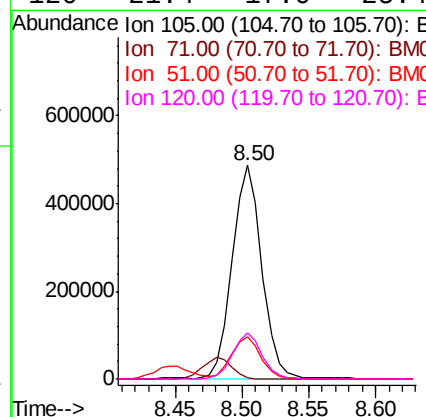
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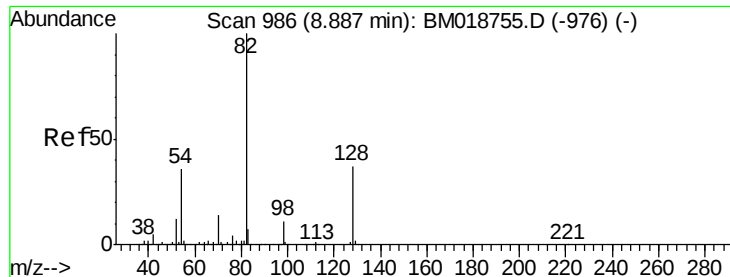
Sohil
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#22
Acetophenone
Concen: 33.656 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	751115		
71	0.8		1.1	1.7#
51	19.9		15.5	23.3
120	21.4		17.0	25.4





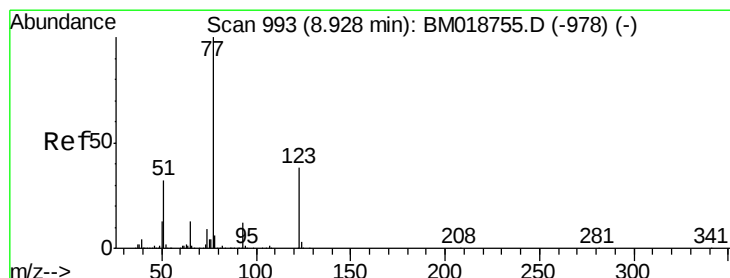
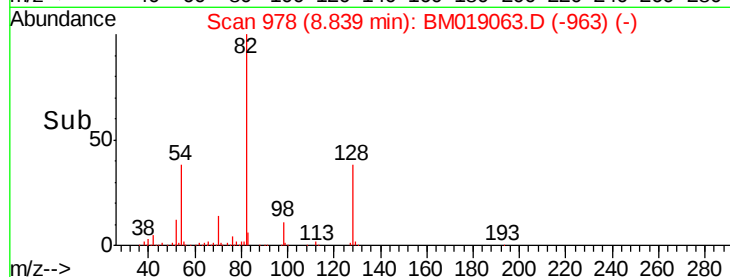
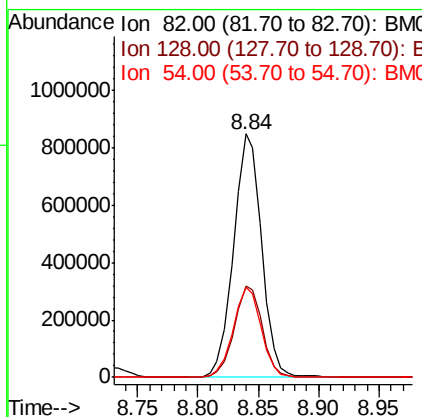
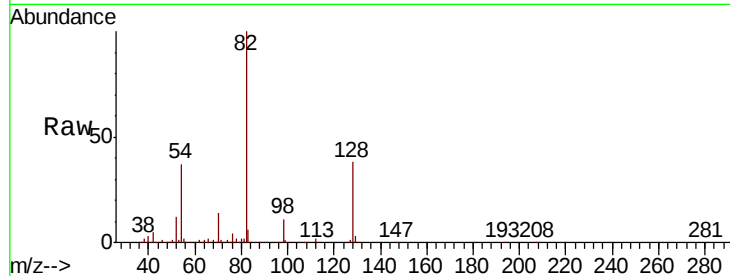
#23
 Nitrobenzene-d5
 Concen: 78.308 ng
 RT: 8.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.9	44.9
54	37.2	29.1	43.7

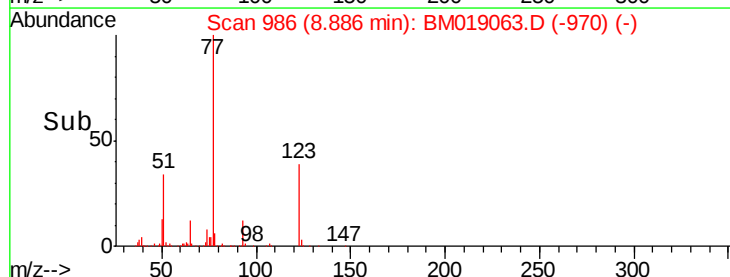
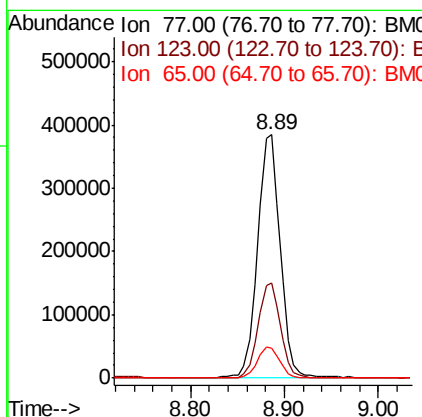
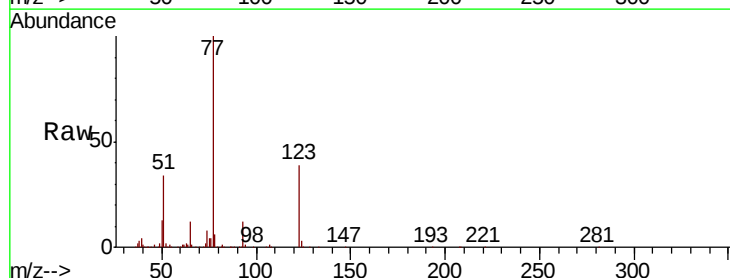
Manual Integrations
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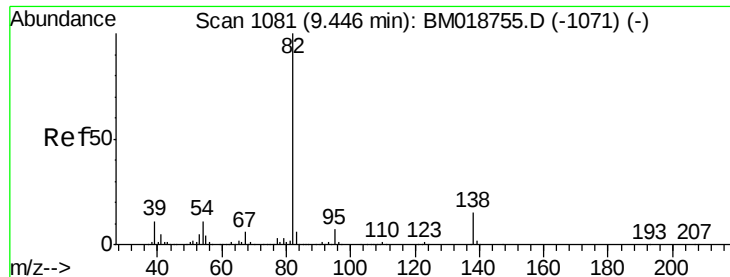
Sohil
 3/6/2019 5:26:24 PM



#24
 Nitrobenzene
 Concen: 35.022 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	30.7	46.1
65	12.3	10.5	15.7





#25

Isophorone

Concen: 40.249 ng

RT: 9.40 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion: 82 Resp: 1128731

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

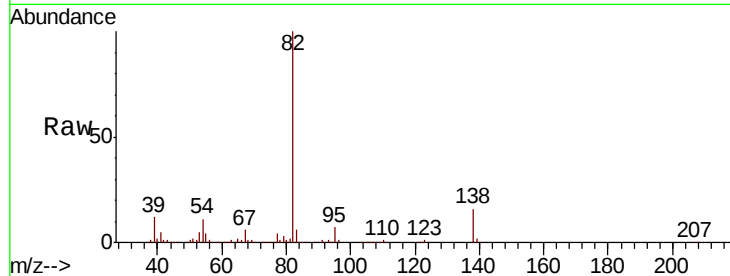
138 15.6 12.3 18.5

Manual Integrations

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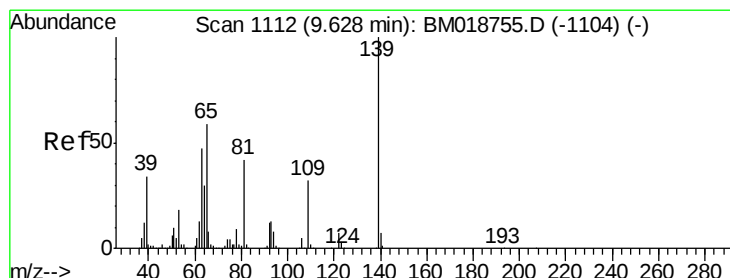
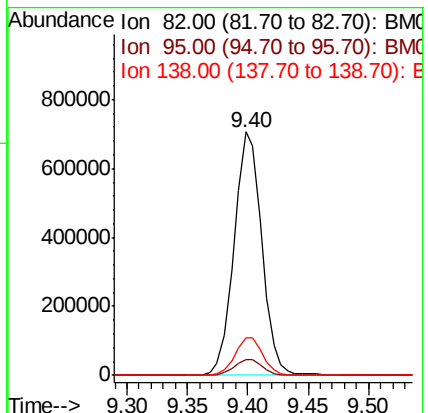
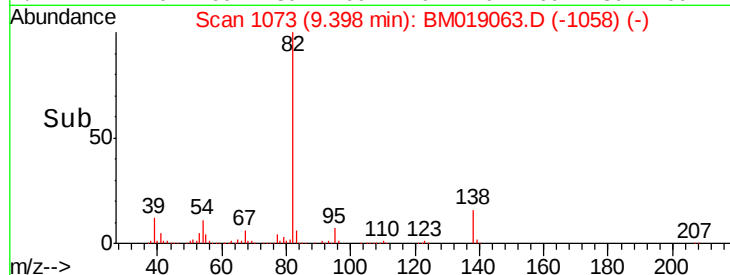


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->



#26

2-Nitrophenol

Concen: 37.136 ng

RT: 9.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

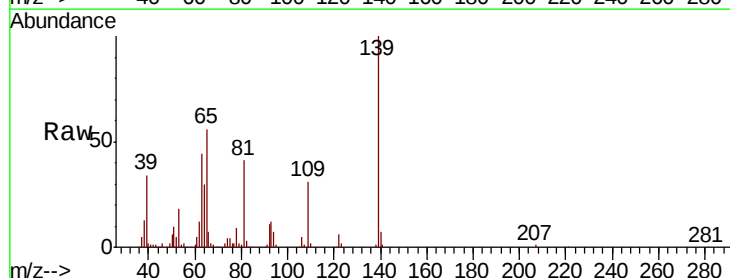
Tgt Ion: 139 Resp: 269804

Ion Ratio Lower Upper

139 100

109 30.8 25.2 37.8

65 55.7 47.0 70.4

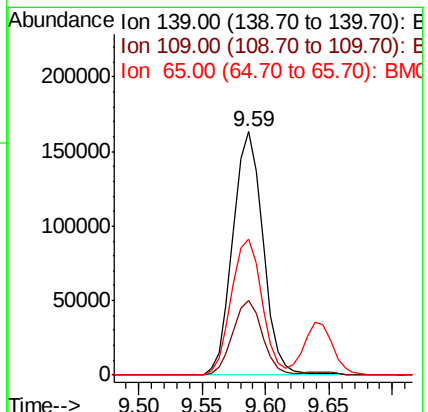
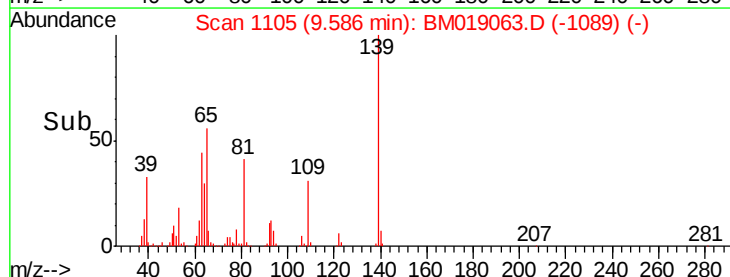


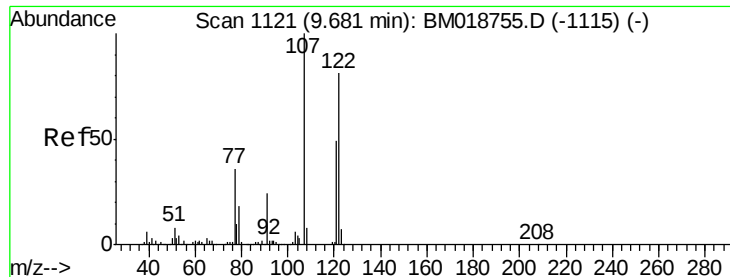
Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

Time-->





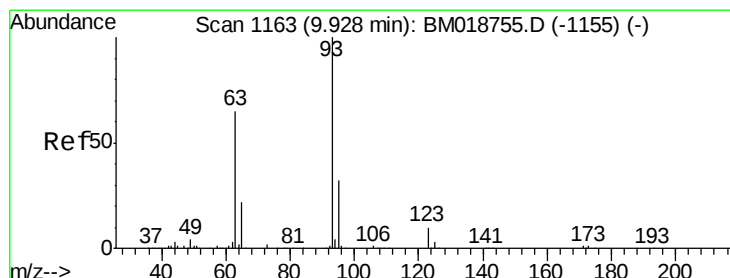
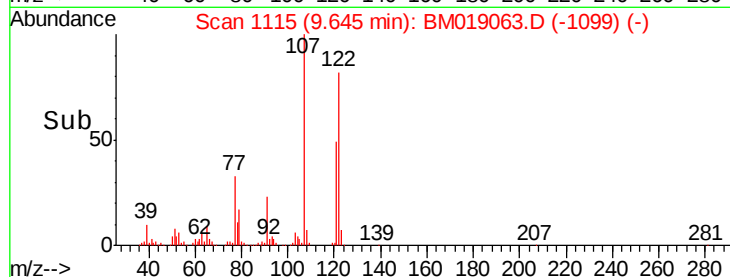
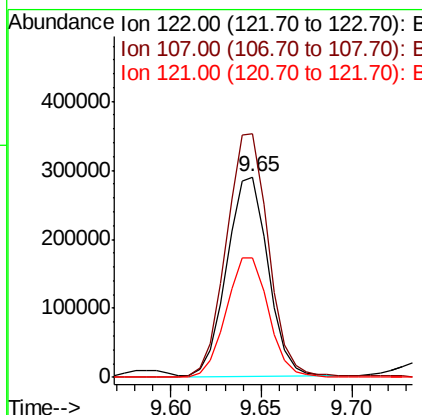
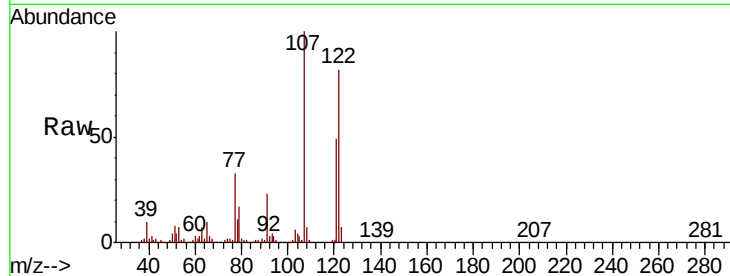
#27
 2,4-Dimethylphenol
 Concen: 43.238 ng
 RT: 9.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	97.6	146.4
121	59.5	47.9	71.9

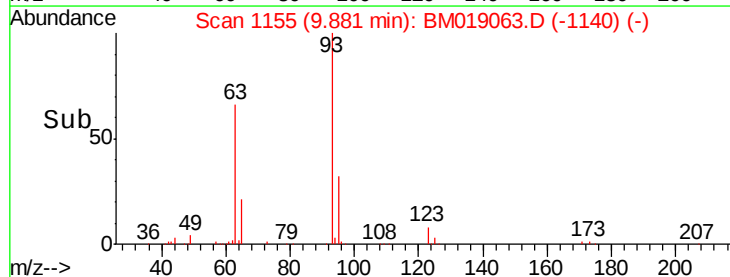
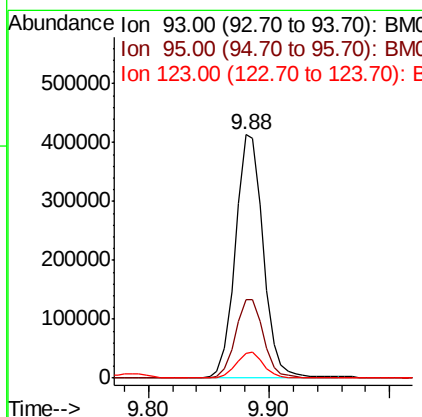
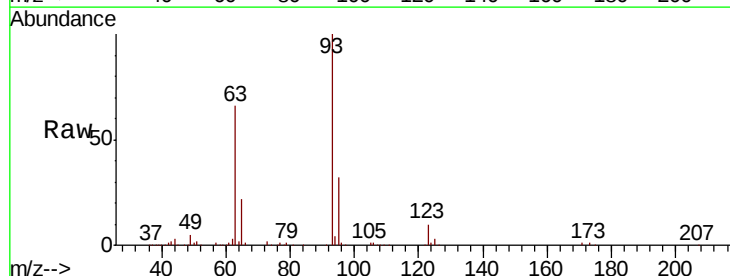
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.870 ng
 RT: 9.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.6	38.4
123	9.9	8.2	12.4





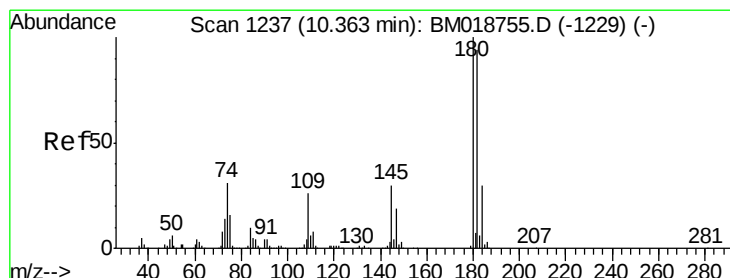
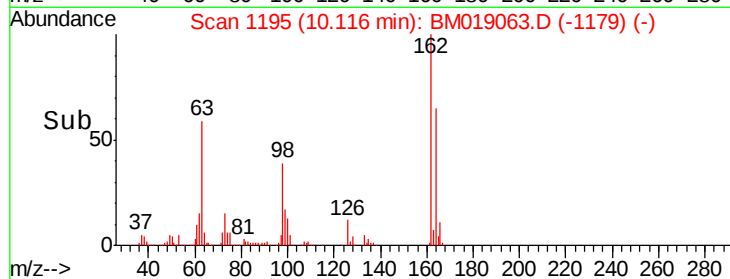
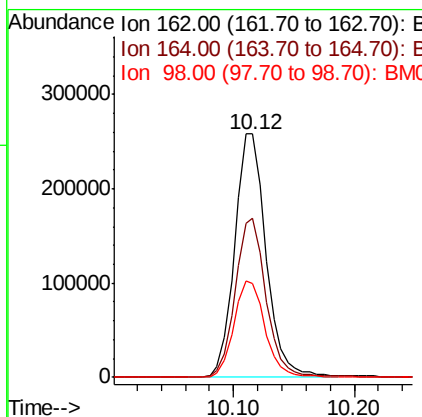
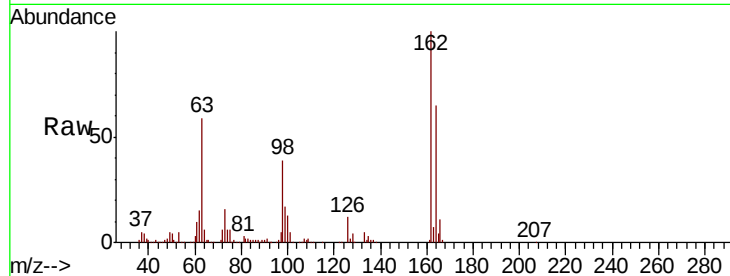
#29
2,4-Dichlorophenol
Concen: 38.528 ng
RT: 10.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	65.3	44.1	84.1		
98	38.8	19.4	59.4		

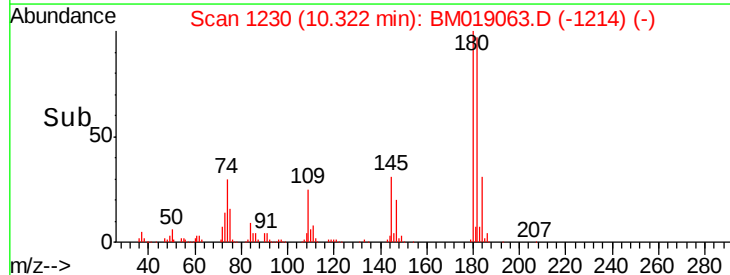
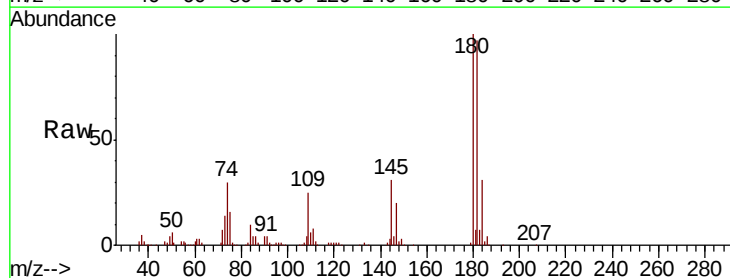
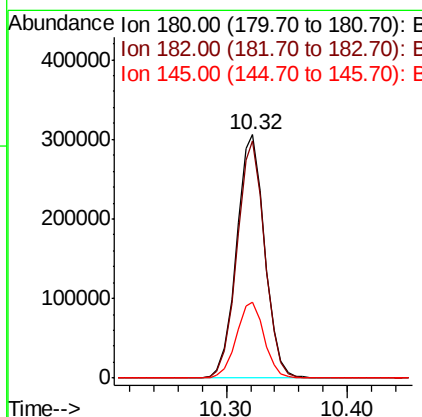
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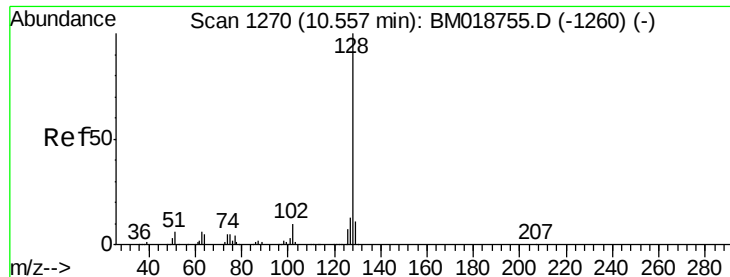
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#30
1,2,4-Trichlorobenzene
Concen: 35.150 ng
RT: 10.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	97.3	75.0	112.6		
145	31.1	24.1	36.1		





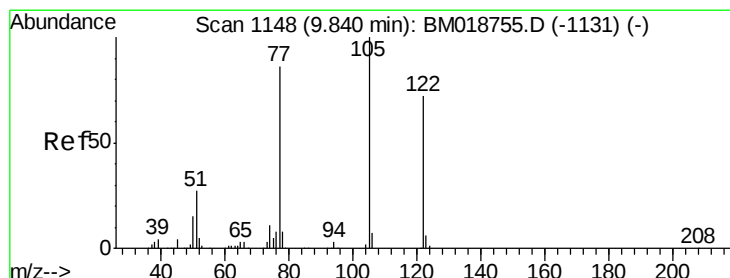
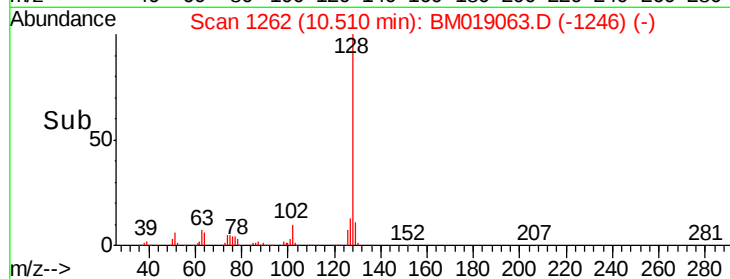
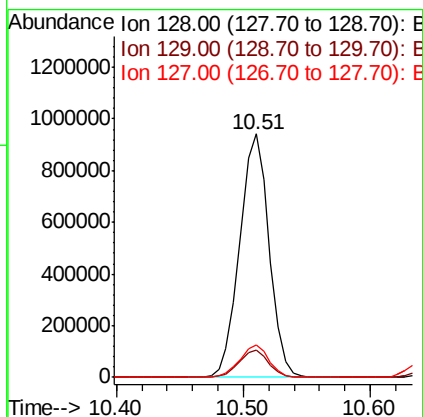
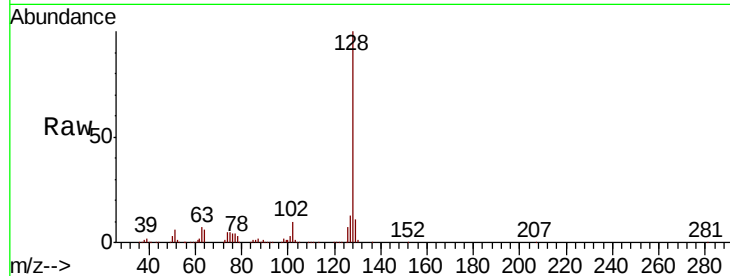
#31
Naphthalene
Concen: 38.245 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.7	16.1

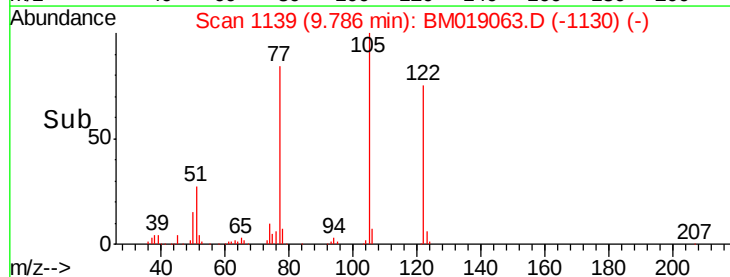
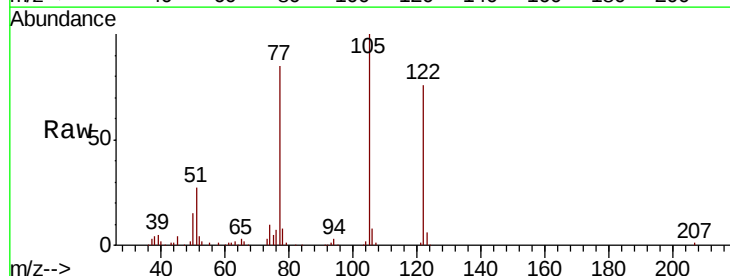
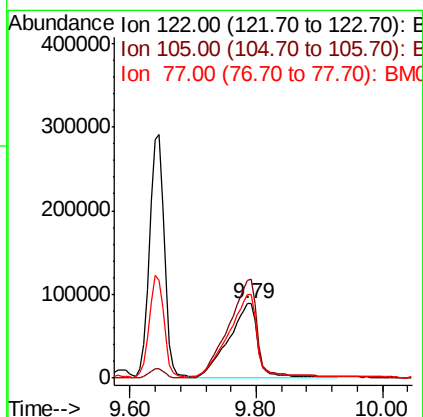
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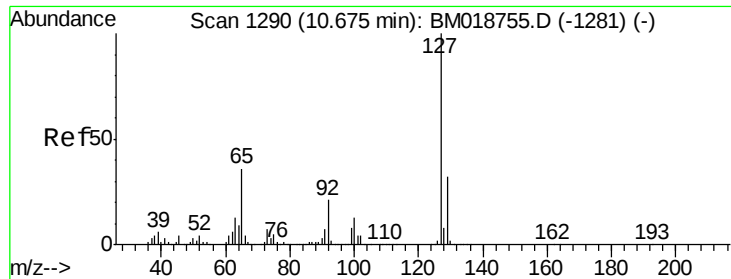
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#32
Benzoic acid
Concen: 32.000 ng m
RT: 9.79 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	117.5	157.5
77	112.0	98.5	138.5





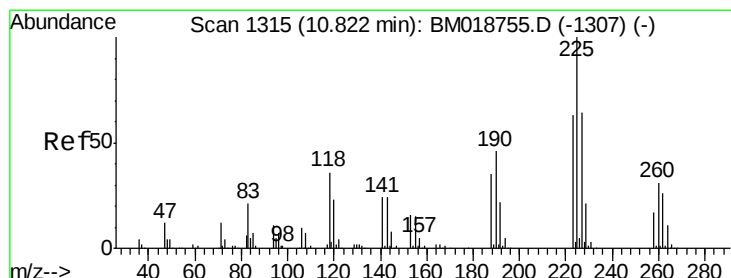
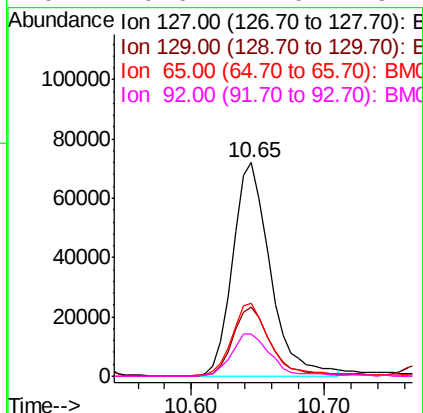
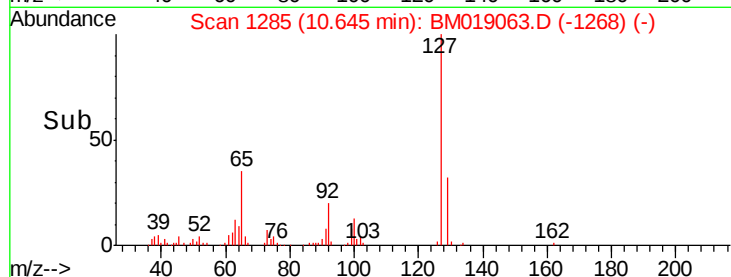
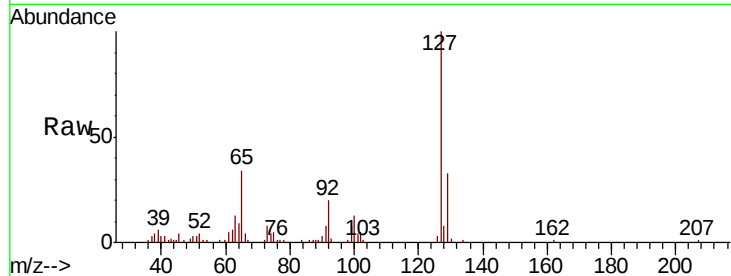
#33
4-Chloroaniline
Concen: 7.965 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.7	38.5		
65	34.2	28.7	43.1		
92	19.6	17.0	25.4		

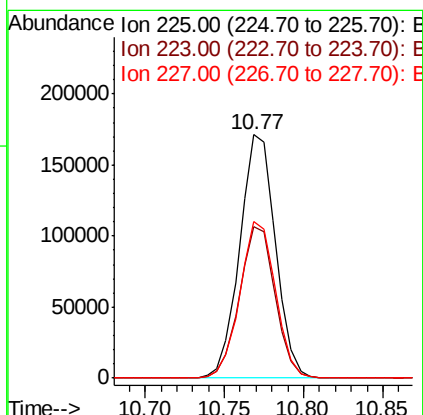
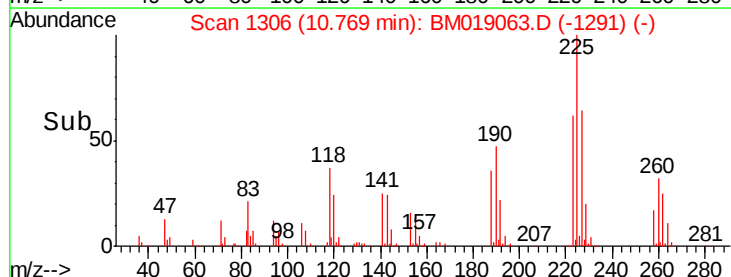
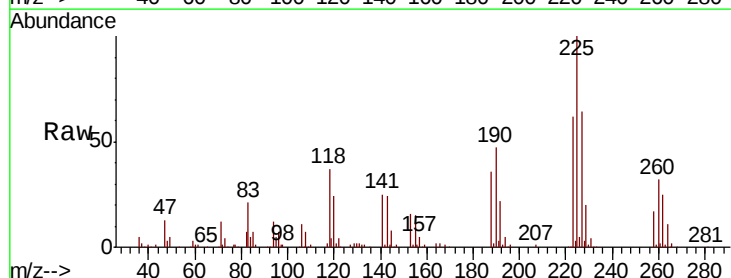
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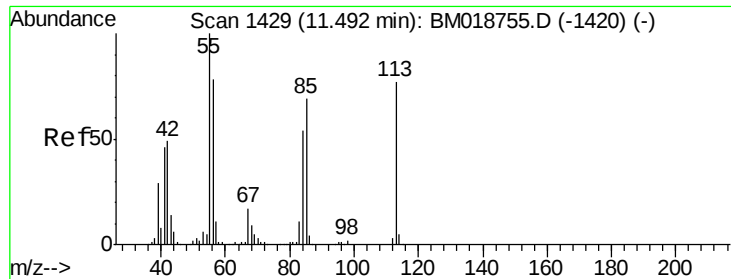
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#34
Hexachlorobutadiene
Concen: 32.759 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.1	75.1		
227	64.4	51.4	77.0		





#35

Caprolactam

Concen: 30.357 ng/mL

RT: 11.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

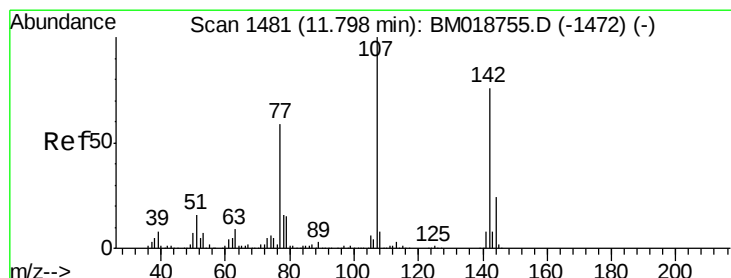
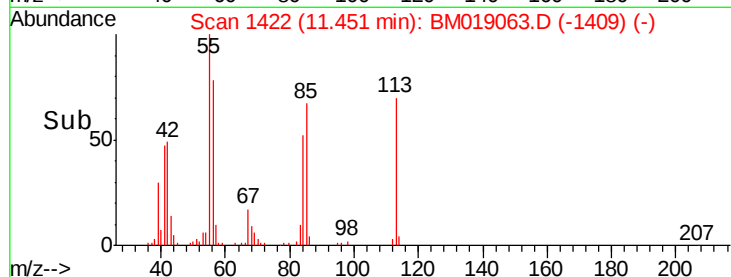
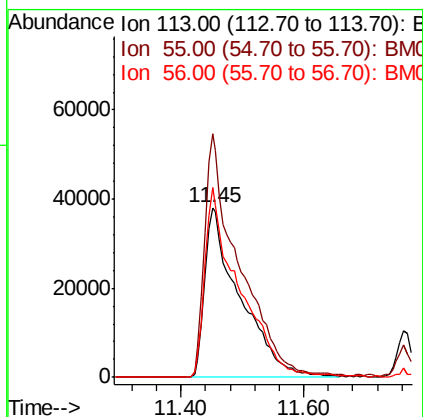
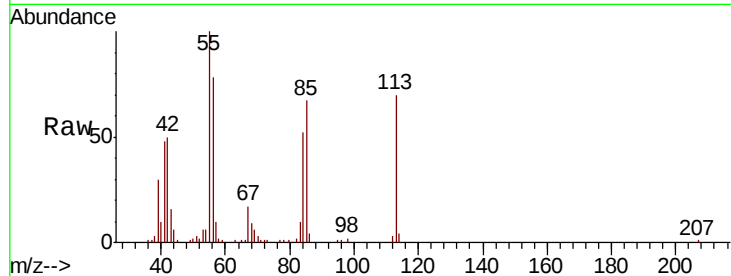
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	113	Resp:	150952
Ion Ratio	Lower	Upper	
113	100		
55	143.7	110.7	150.7
56	111.9	82.4	122.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 36.881 ng/mL

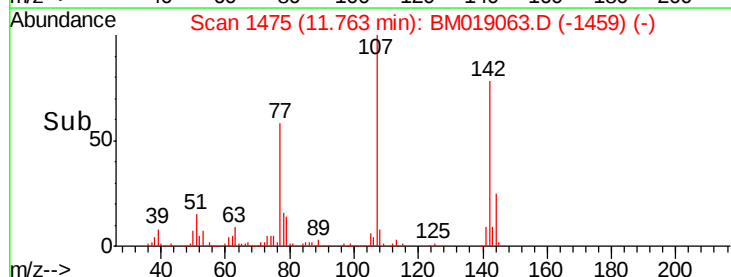
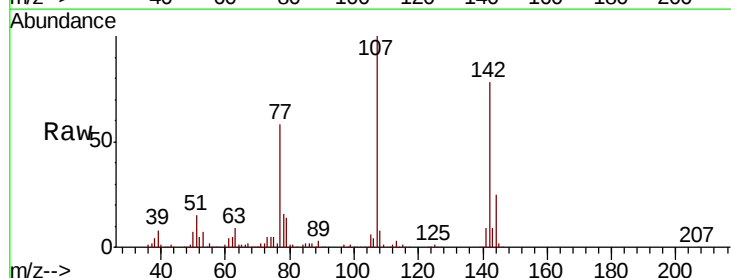
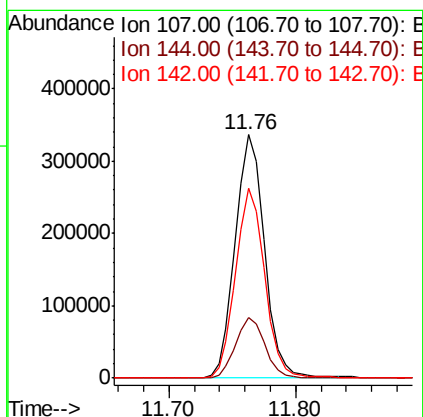
RT: 11.76 min Scan# 1475

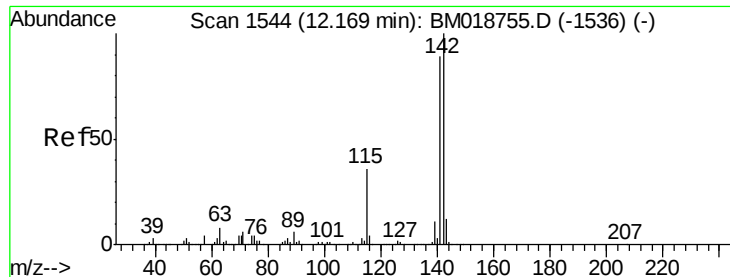
Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Tgt Ion:	107	Resp:	541793
Ion Ratio	Lower	Upper	
107	100		
144	25.0	19.3	28.9
142	77.8	60.5	90.7





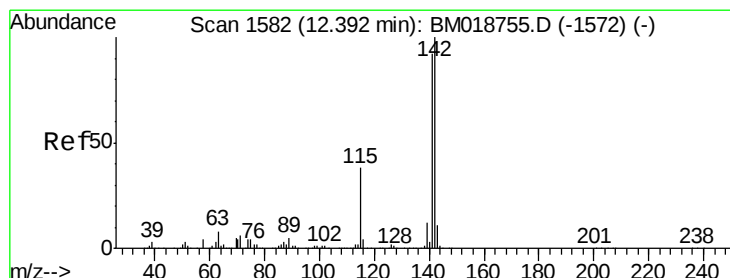
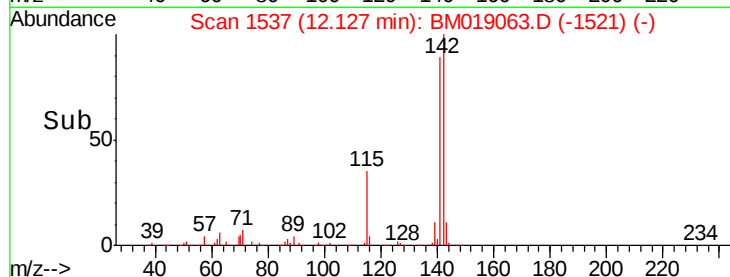
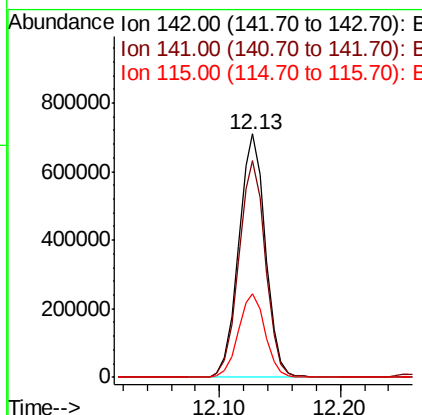
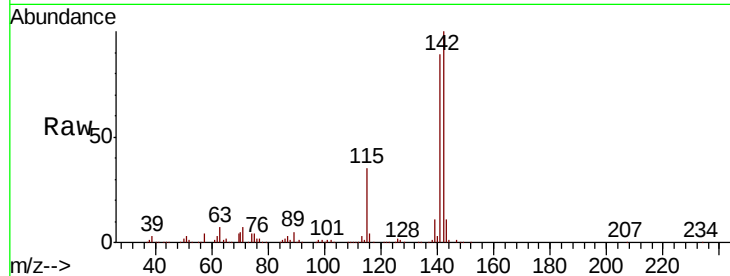
#37
2-Methylnaphthalene
Concen: 39.162 ng
RT: 12.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.2	106.8
115	34.6	29.1	43.7

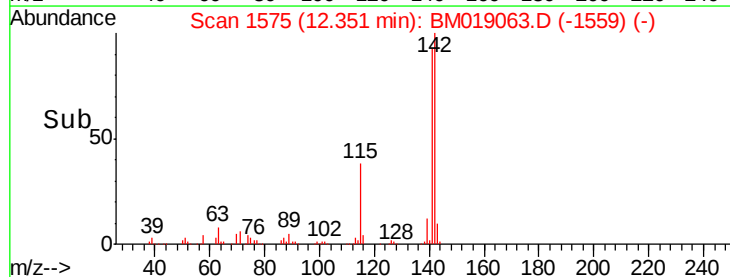
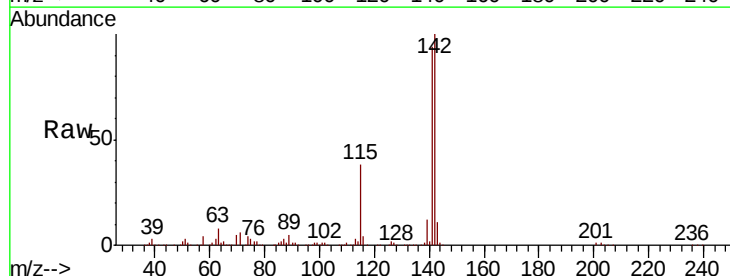
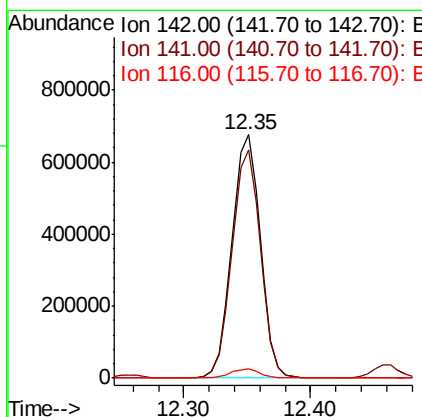
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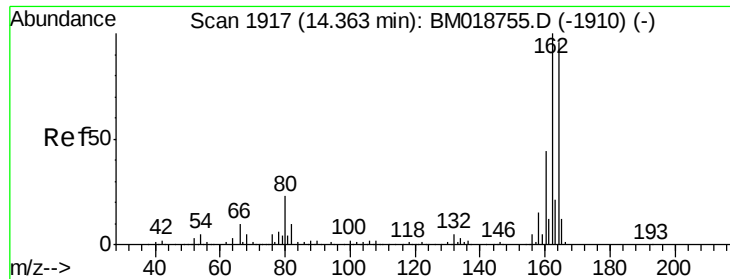
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#38
1-Methylnaphthalene
Concen: 38.246 ng
RT: 12.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.9	110.9
116	3.8	3.0	4.4





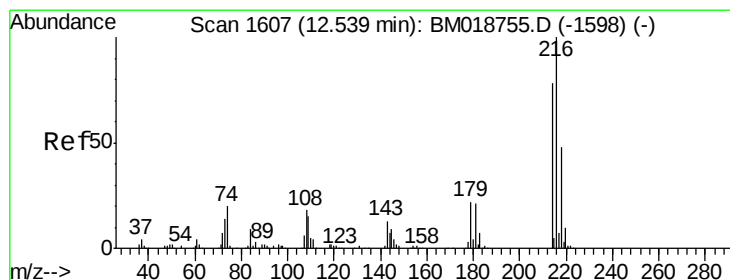
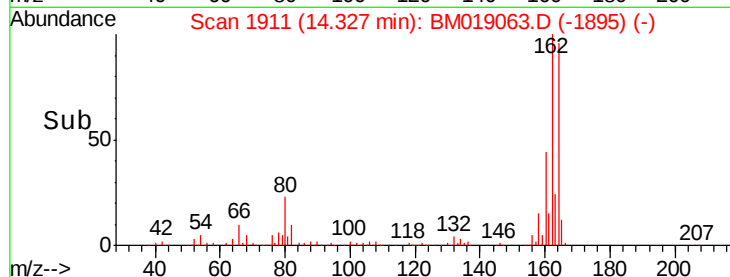
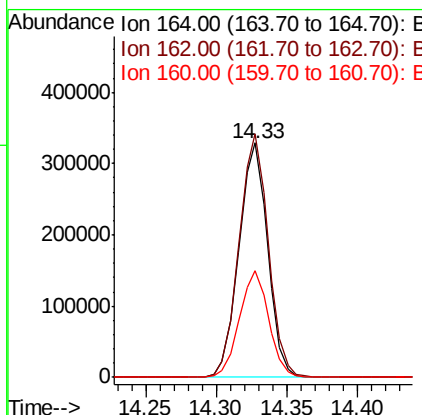
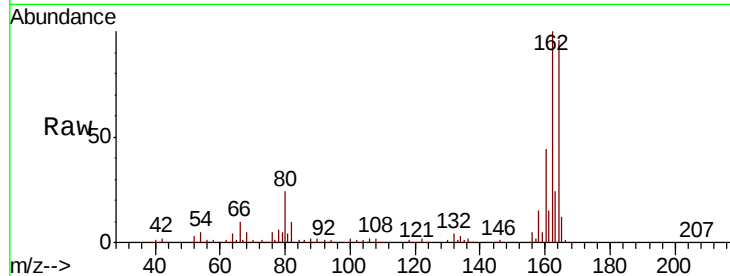
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.4	125.0
160	45.6	36.6	55.0

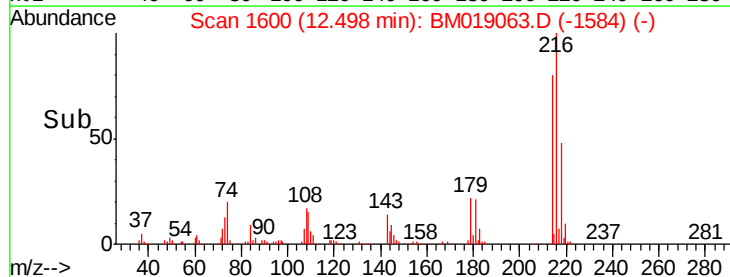
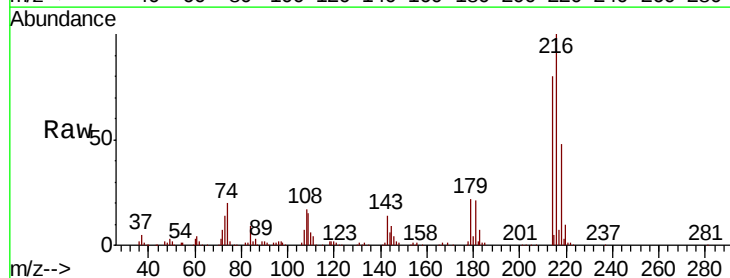
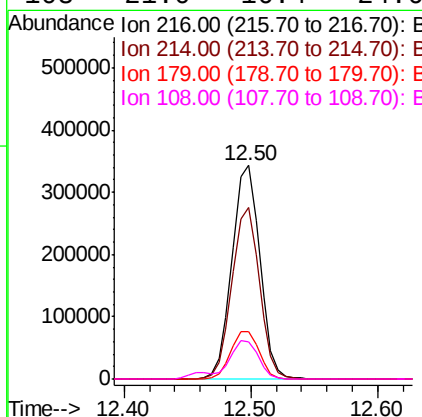
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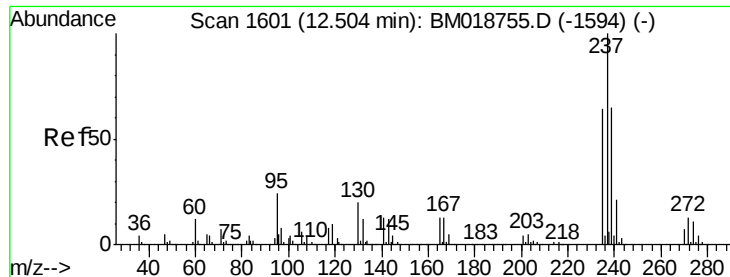
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.868 ng
RT: 12.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.2	94.8
179	22.8	17.8	26.8
108	21.0	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 55.872 ng

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

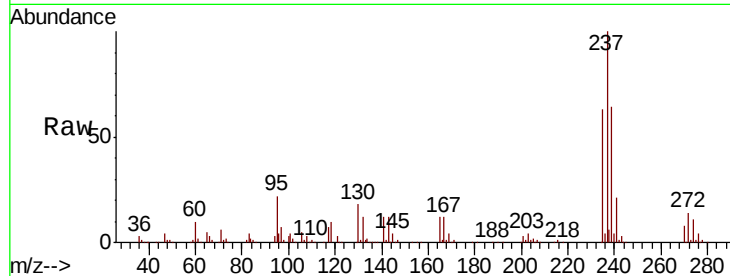
ClientSampleId :

EXT-028-SW002-022719MSD

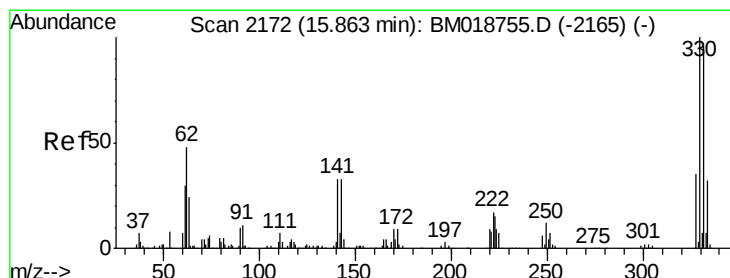
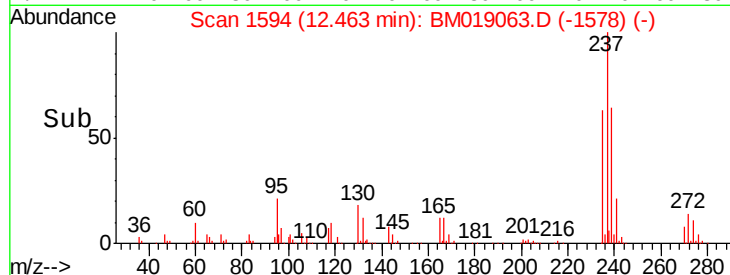
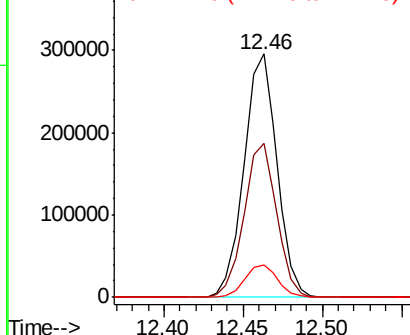
Tot Ion:	237	Resp:	426903
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.7	83.7
272	13.5	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 127.083 ng

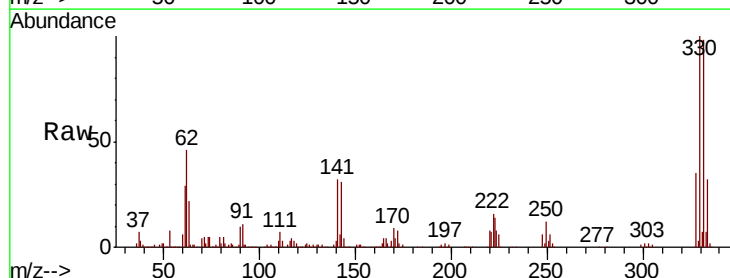
RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

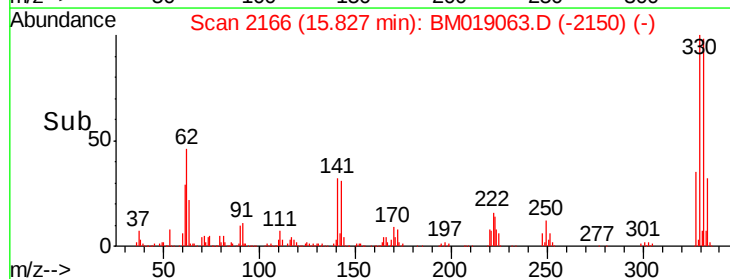
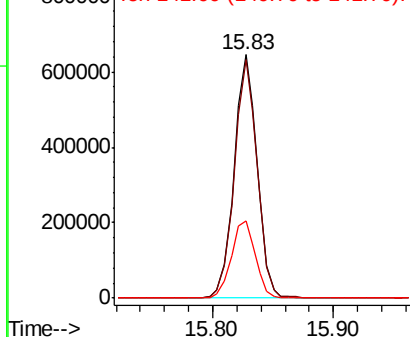
Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Tgt Ion:	330	Resp:	855805
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.9	115.3
141	33.4	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: 38.017 ng

RT: 12.75 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

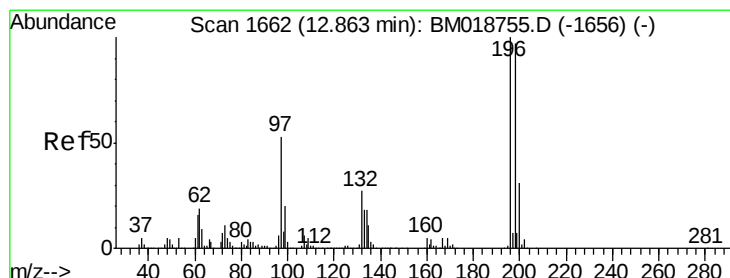
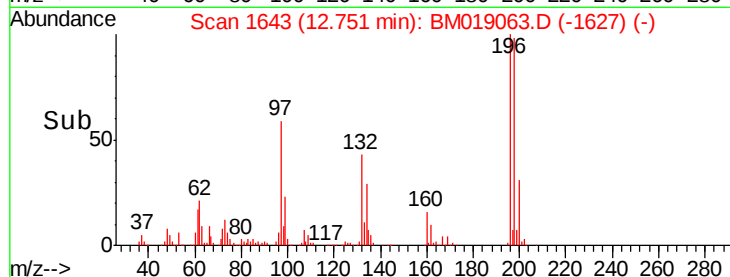
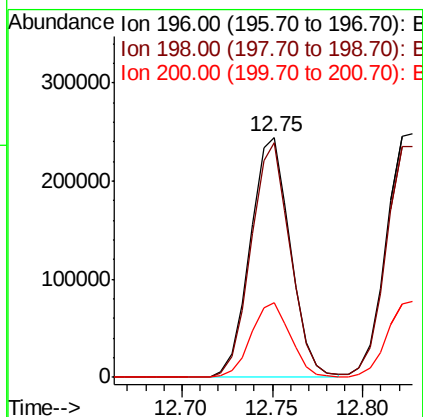
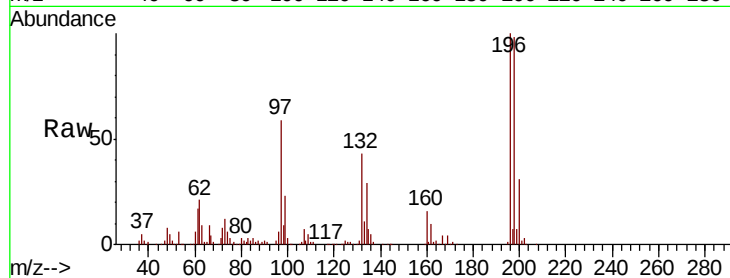
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	196	Resp:	376109
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.2	114.2
200	31.1	24.2	36.2

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 38.737 ng

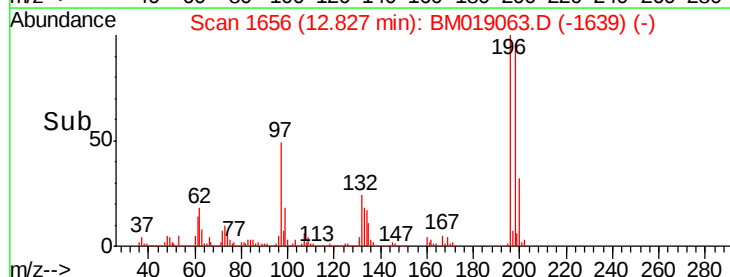
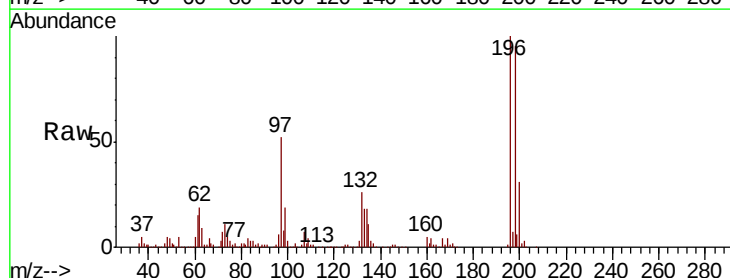
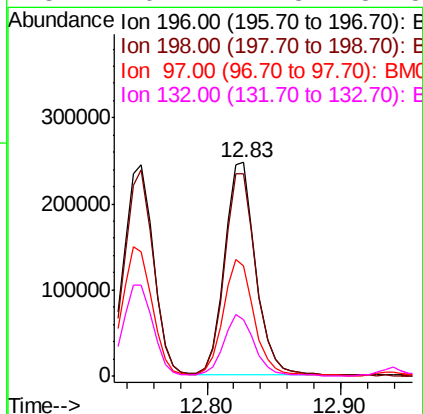
RT: 12.83 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Tgt Ion:	196	Resp:	401686
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.6	116.4
97	51.8	42.8	64.2
132	26.4	21.8	32.8





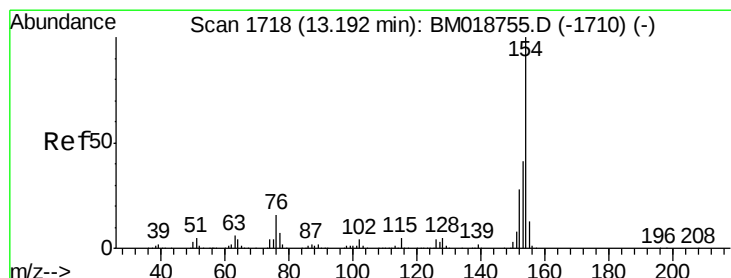
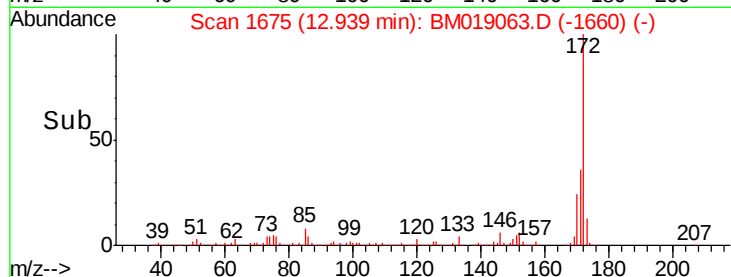
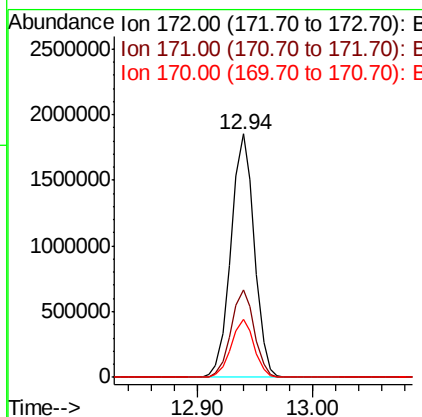
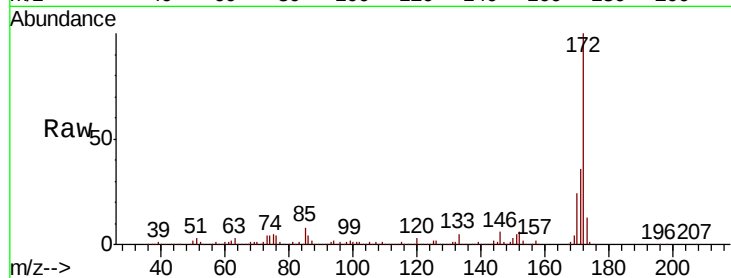
#45
2-Fluorobiphenyl
Concen: 73.632 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.7	18.6	28.0

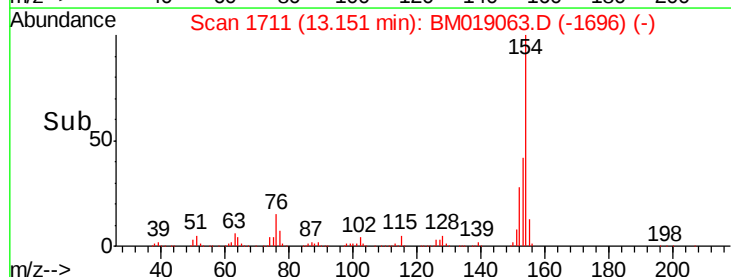
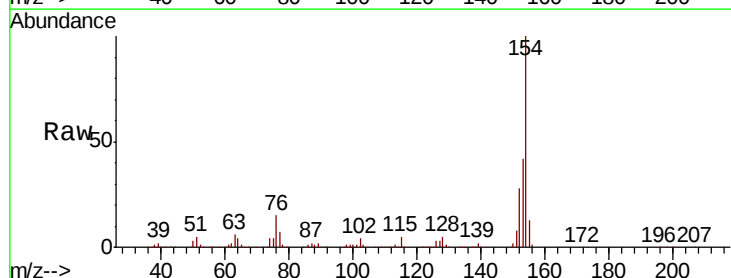
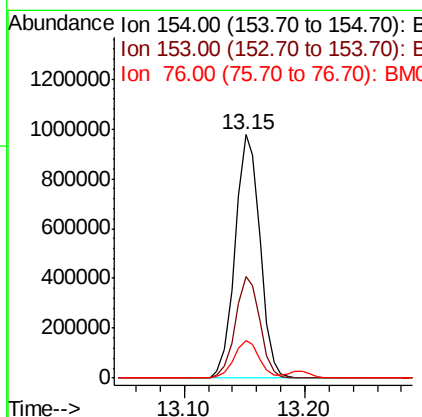
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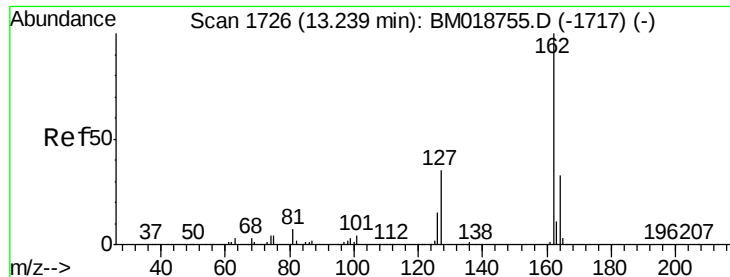
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#46
1,1'-Biphenyl
Concen: 34.923 ng
RT: 13.15 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.1	61.1
76	15.3	0.0	35.7





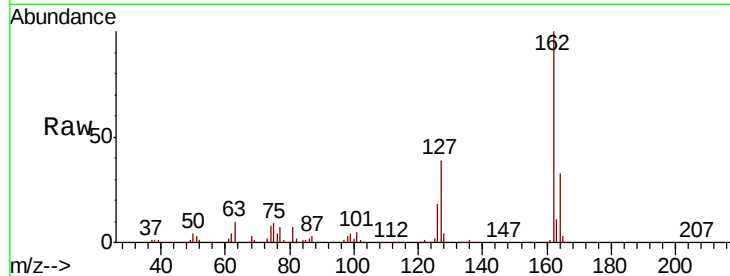
#47
2-Chloronaphthalene
Concen: 35.199 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.1	46.7
164	32.7	26.4	39.6

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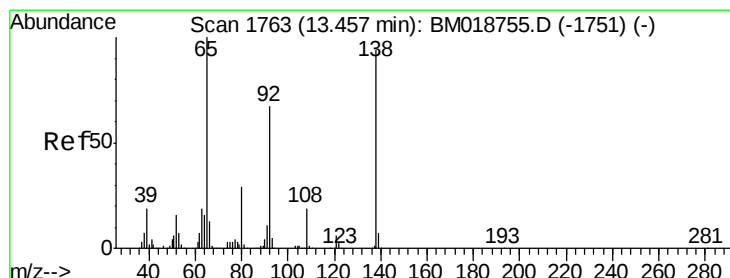
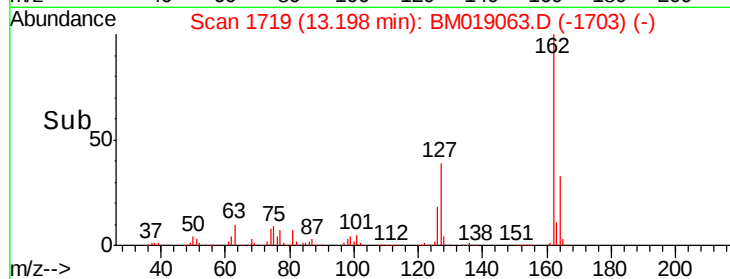
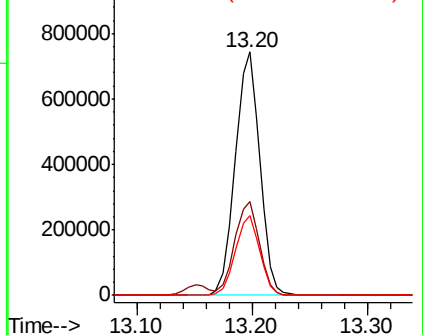


Abundance

Ion 162.00 (161.70 to 162.70): E

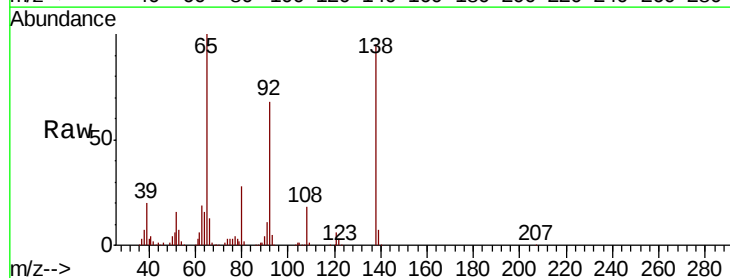
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 36.276 ng
RT: 13.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.0	81.0
138	95.4	74.9	112.3

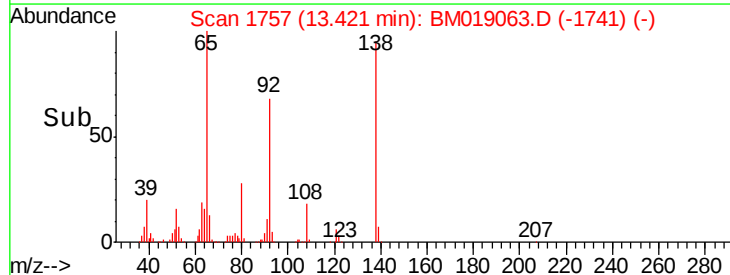
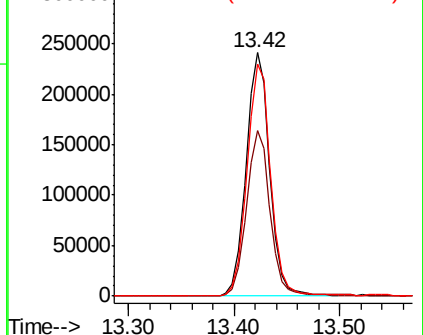


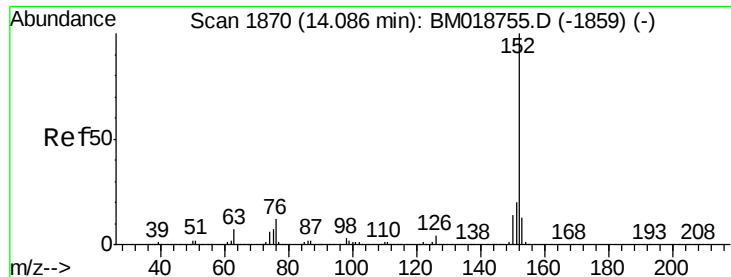
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.415 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

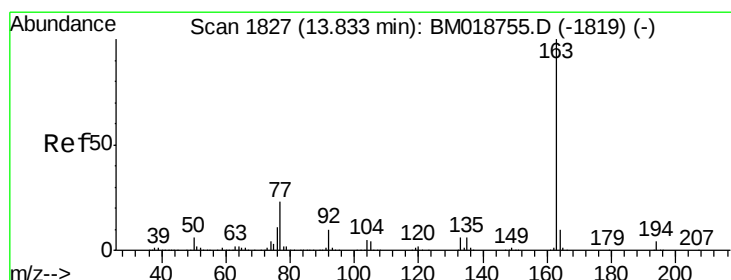
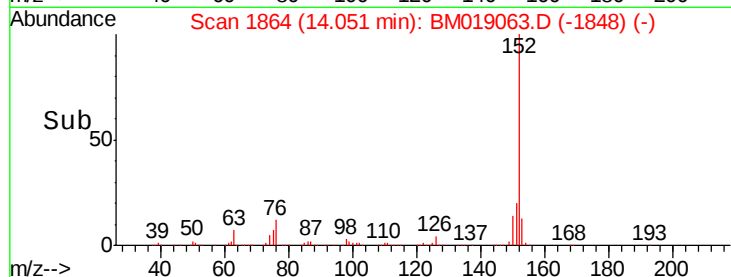
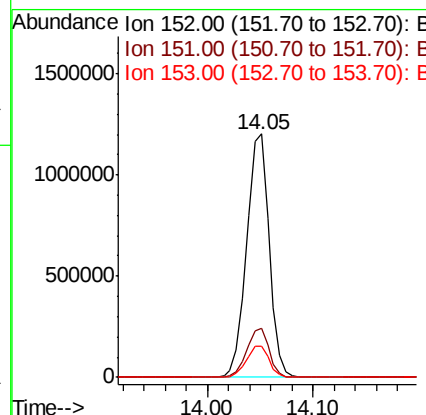
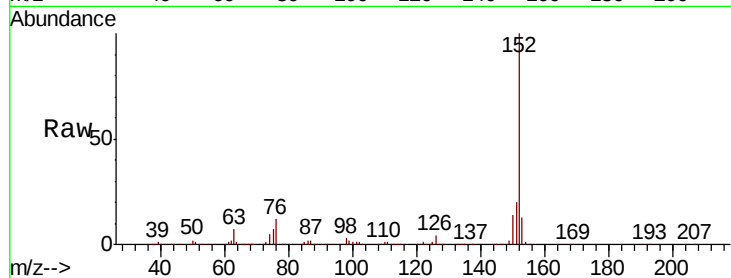
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	152	Resp:	1776665
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.0	10.5	15.7

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#50

Dimethylphthalate

Concen: 40.233 ng

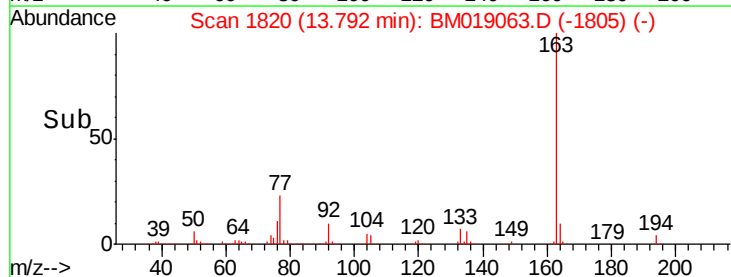
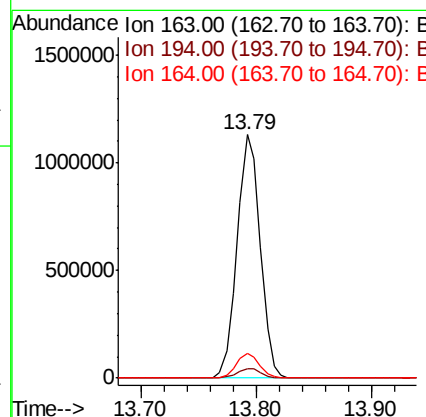
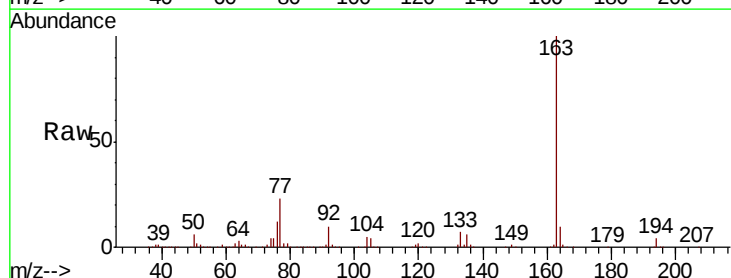
RT: 13.79 min Scan# 1820

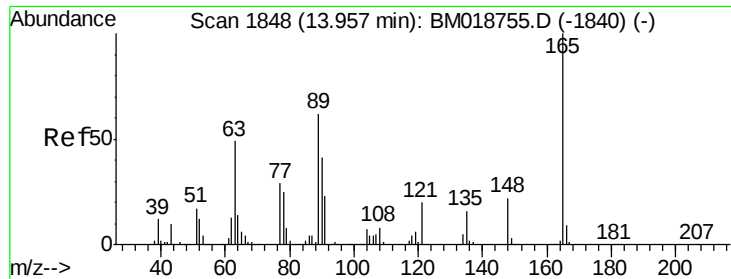
Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Tgt Ion:	163	Resp:	1566429
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	7.8	11.8





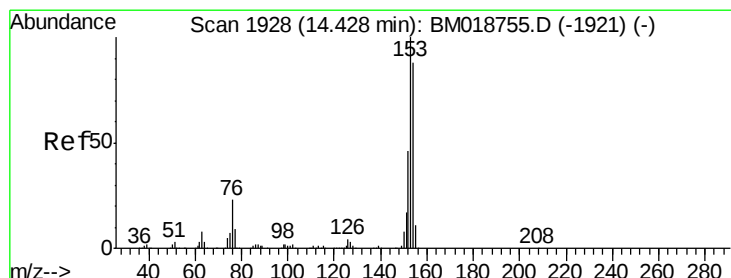
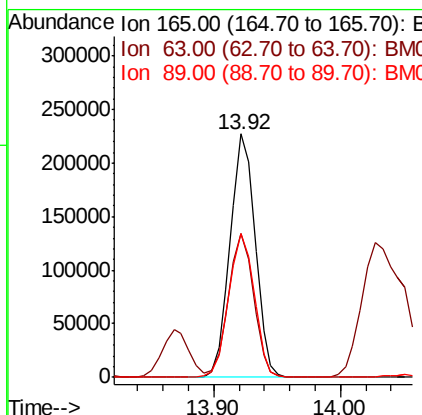
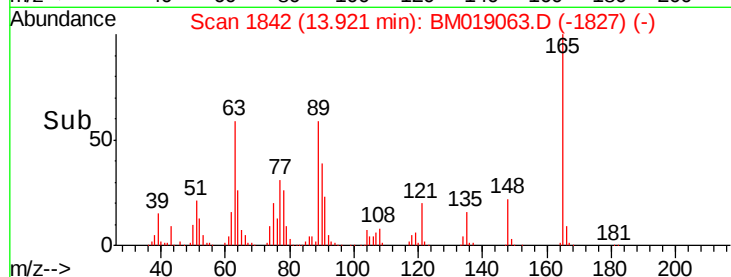
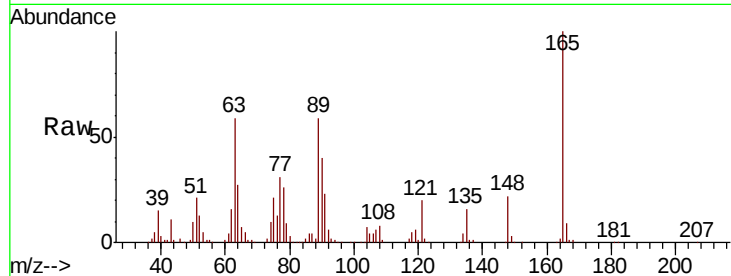
#51
2,6-Dinitrotoluene
Concen: 36.886 ng
RT: 13.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	311102		
63	59.2	48.9	73.3	
89	58.9	49.4	74.0	

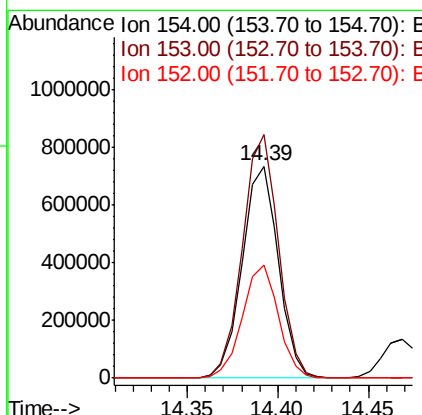
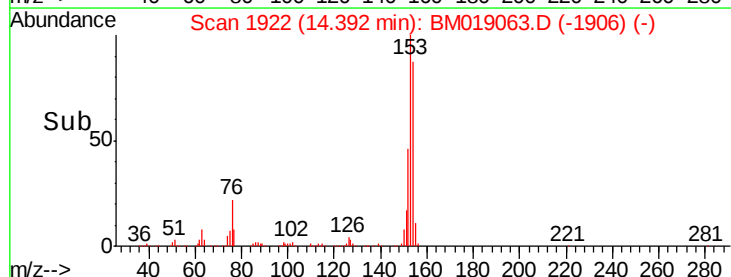
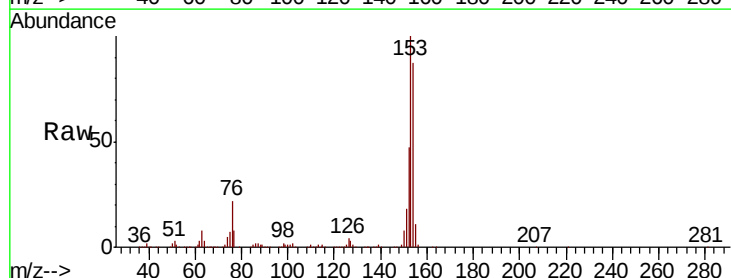
Manual Integrations
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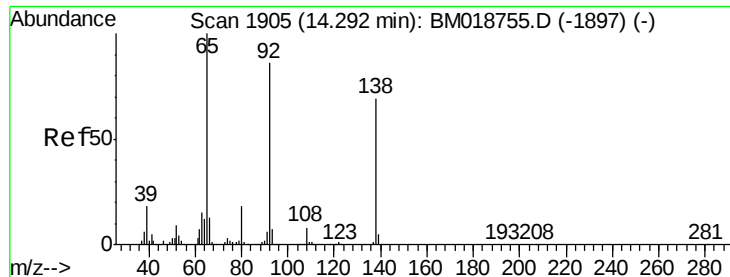
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#52
Acenaphthene
Concen: 35.940 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1019228		
153	115.0	91.3	136.9	
152	53.5	42.2	63.4	





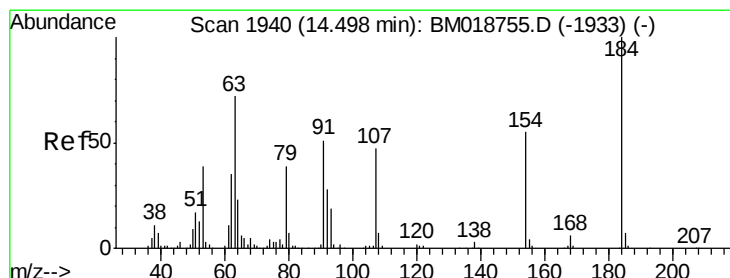
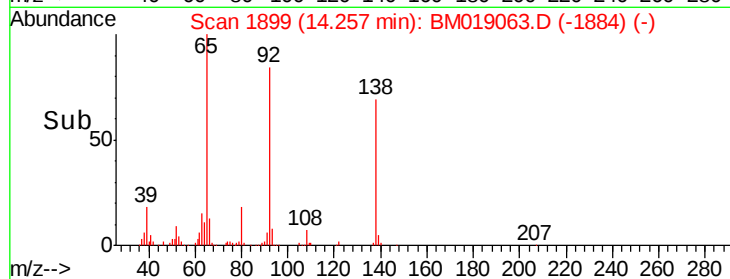
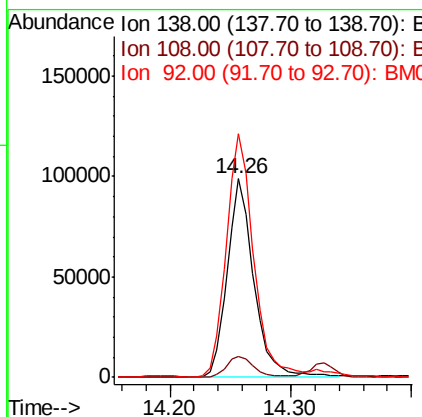
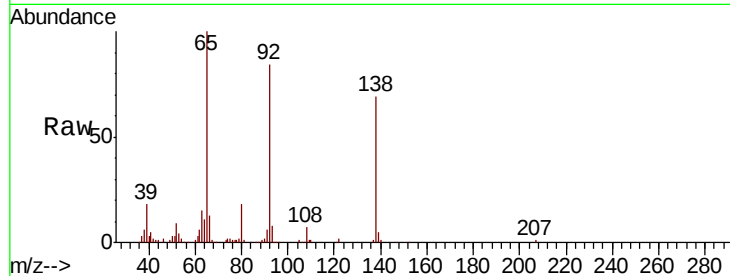
#53
3-Nitroaniline
Concen: 15.946 ng
RT: 14.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	122.6	99.7	149.5

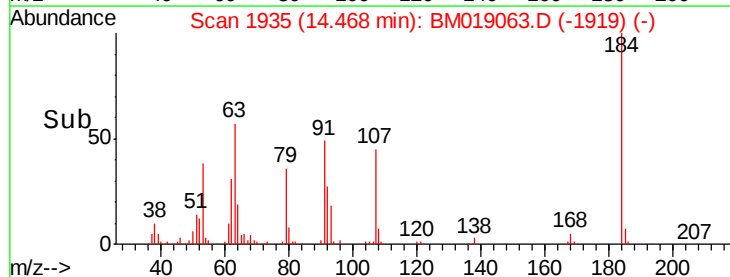
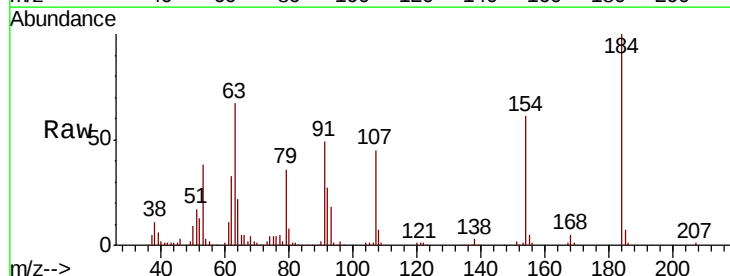
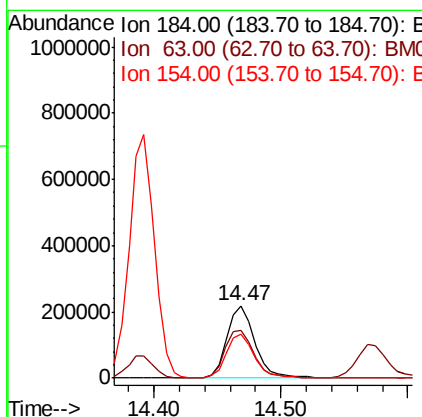
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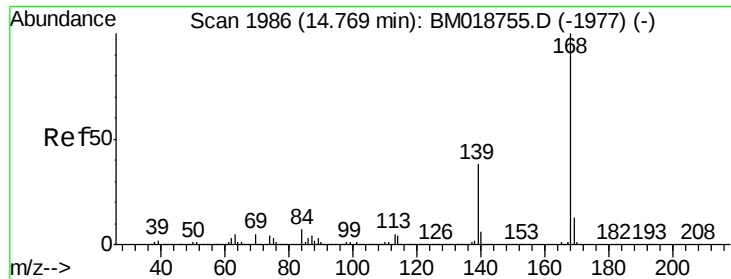
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#54
2,4-Dinitrophenol
Concen: 63.413 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	58.0	87.0
154	61.0	50.3	75.5





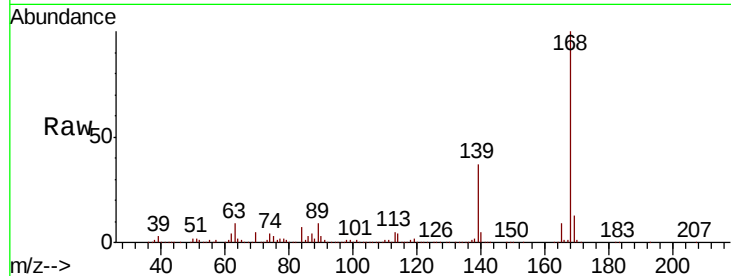
#55
Dibenzofuran
Concen: 35.535 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.7	46.1
169	13.3	10.3	15.5

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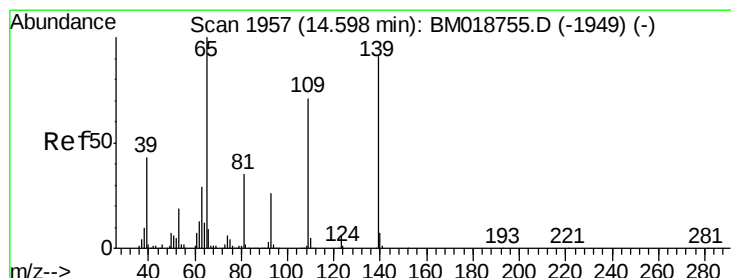
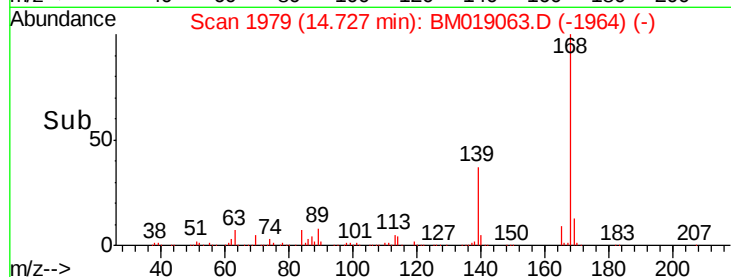
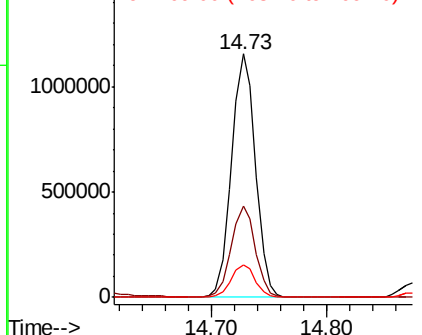


Abundance

Ion 168.00 (167.70 to 168.70): E

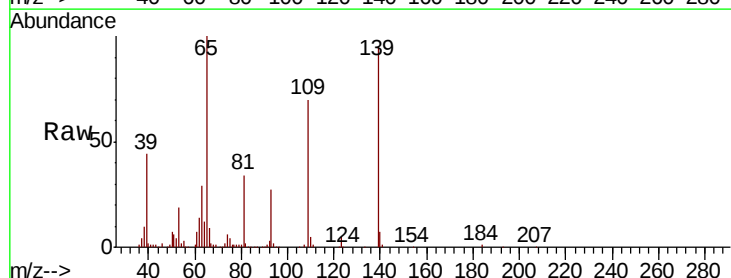
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 72.531 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.2	58.4	98.4
65	105.6	89.8	129.8

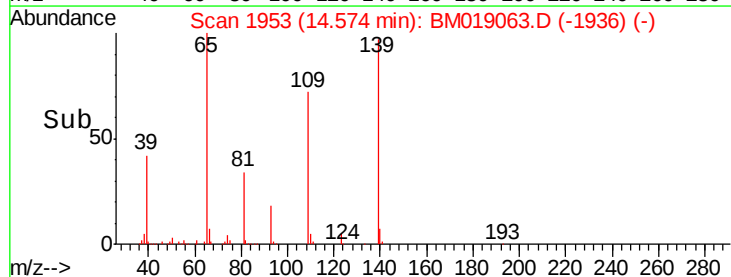
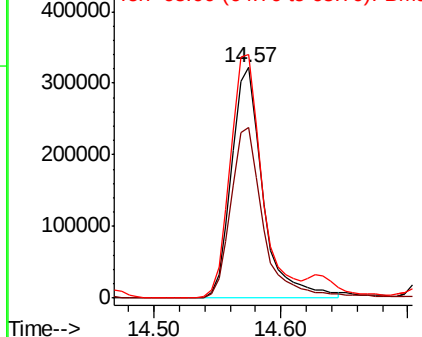


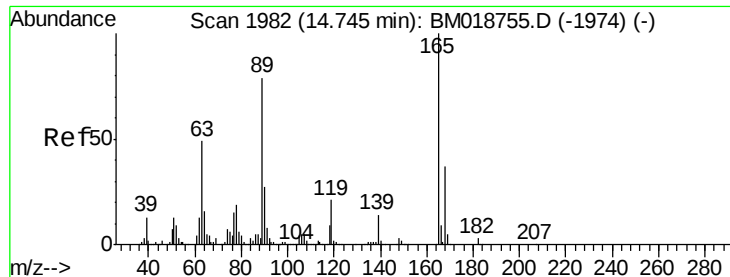
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





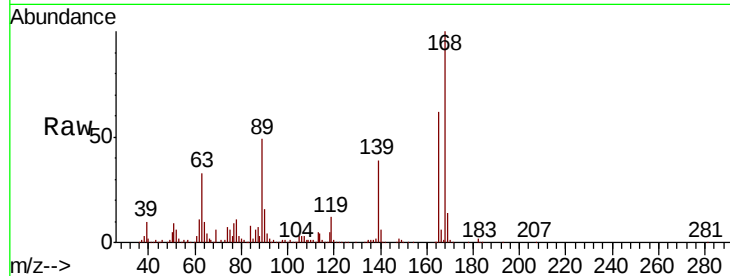
#57
2,4-Dinitrotoluene
Concen: 38.151 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

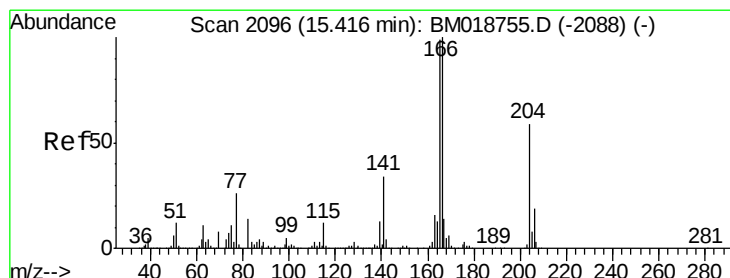
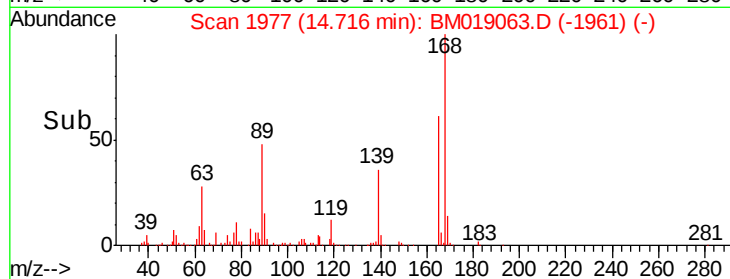
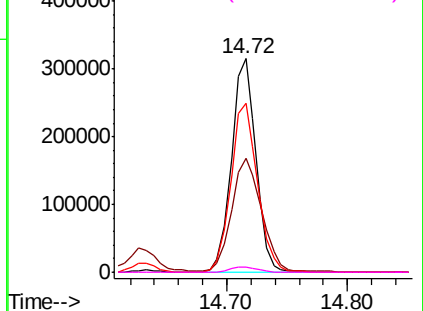
Tot Ion:	165	Resp:	443330
Ion Ratio	Lower	Upper	
165	100		
63	53.1	39.6	59.4
89	79.4	63.5	95.3
182	2.6	2.2	3.4

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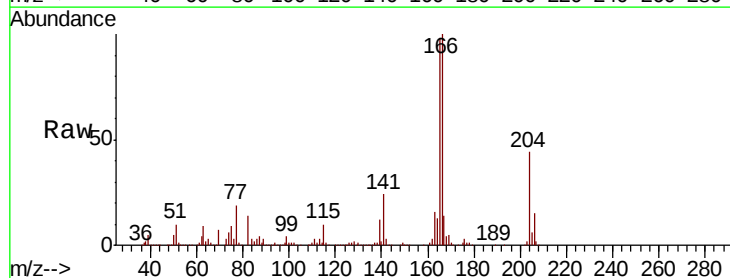


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

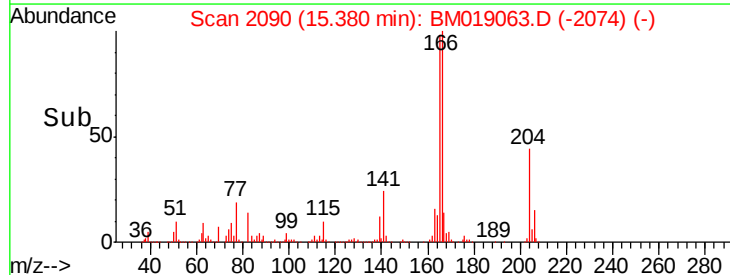
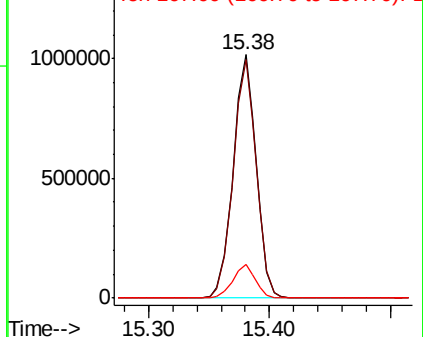


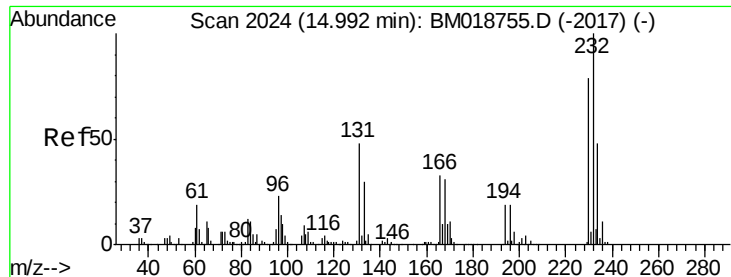
#58
Fluorene
Concen: 37.834 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion:	166	Resp:	1349174
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.1	118.7
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





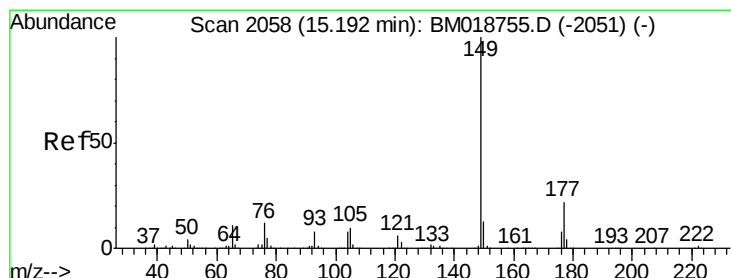
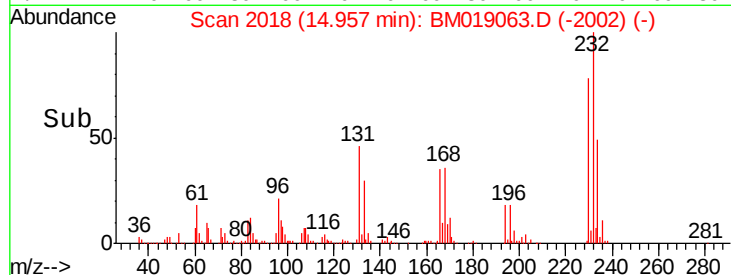
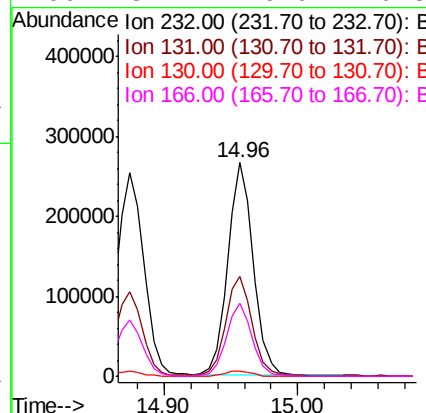
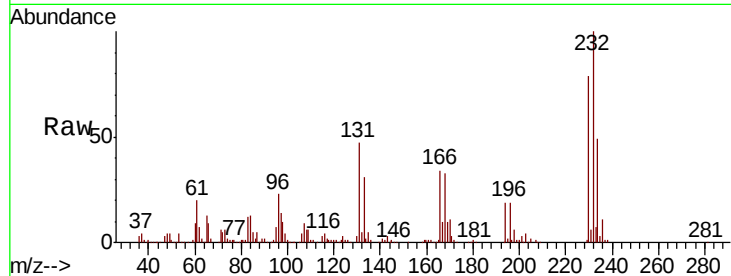
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.072 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.5	38.6	57.8
130	2.7	2.0	3.0
166	34.1	26.9	40.3

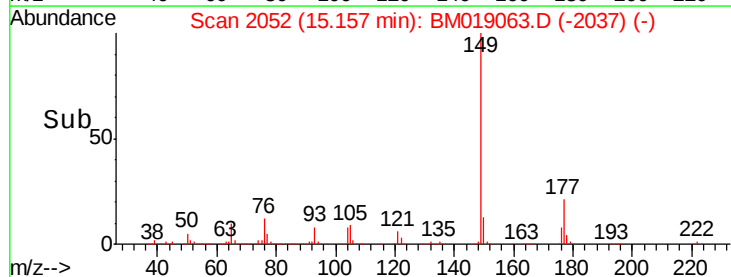
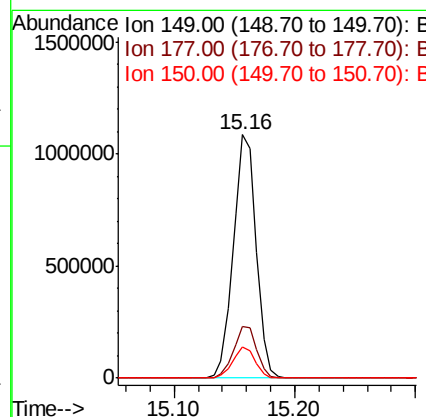
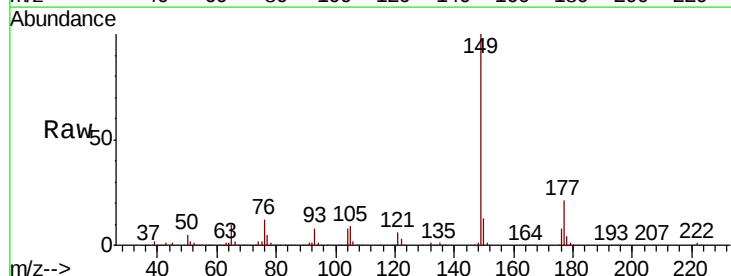
Manual Integrations
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#60
Diethylphthalate
Concen: 35.466 ng
RT: 15.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.7	10.2	15.2





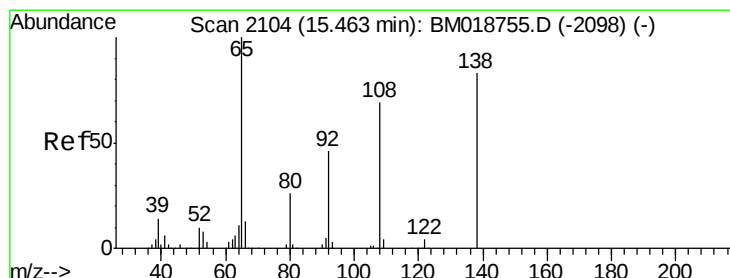
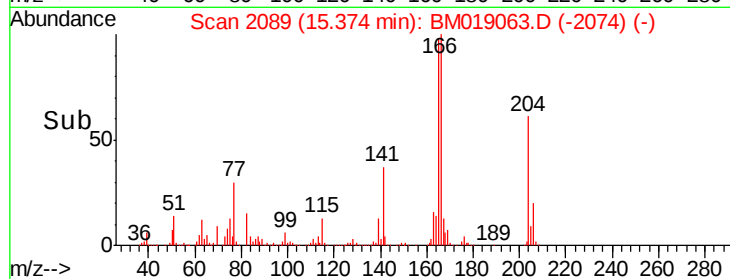
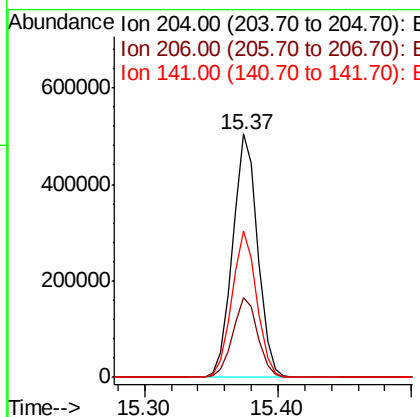
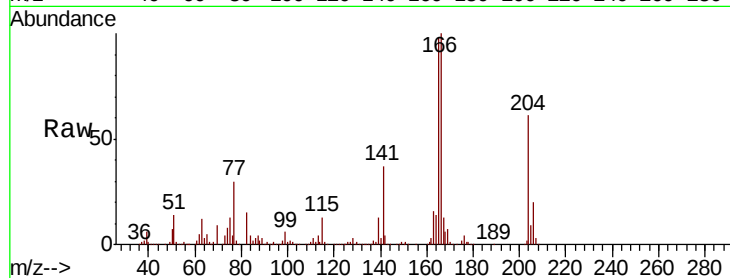
#61
4-Chlorophenyl-phenylether
Concen: 33.057 ng
RT: 15.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	60.4	49.2	73.8

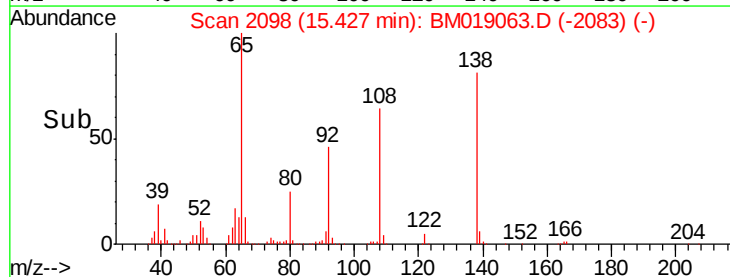
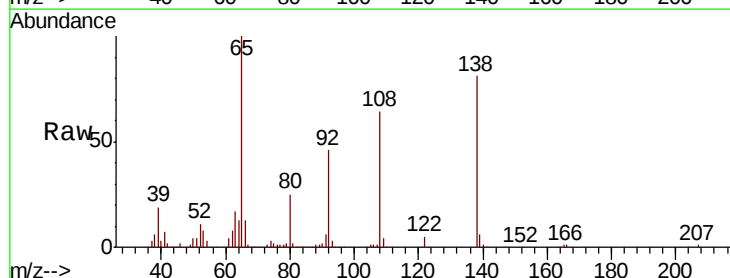
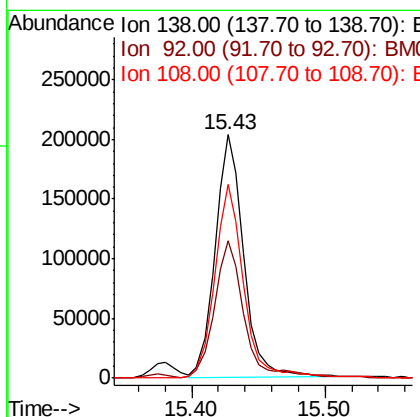
Manual Integrations
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#62
4-Nitroaniline
Concen: 32.532 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	35.5	75.5
108	79.6	62.4	102.4





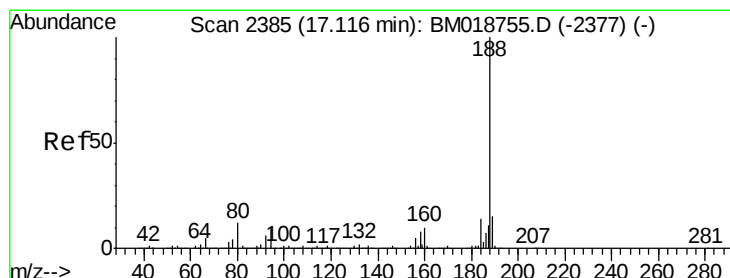
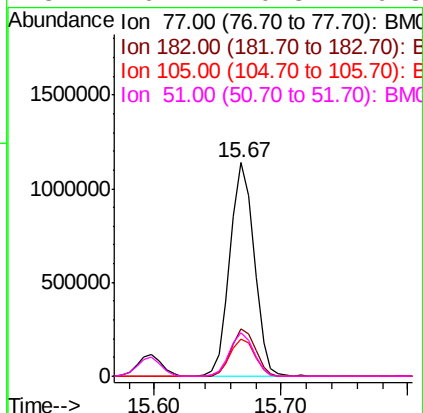
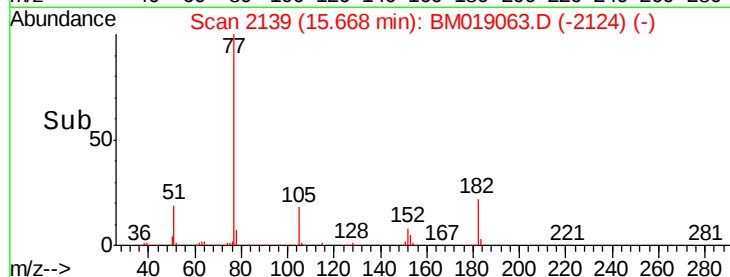
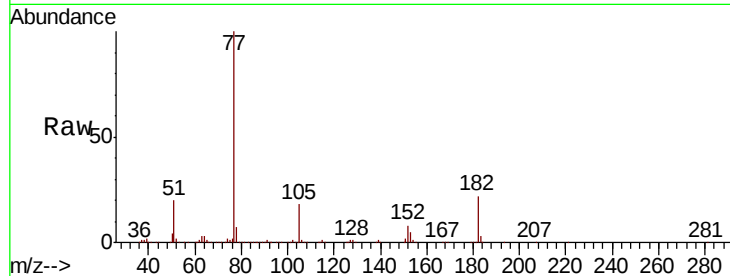
#63
Azobenzene
Concen: 34.834 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.9	1.0	41.0
105	17.7	0.0	37.7
51	20.2	0.3	40.3

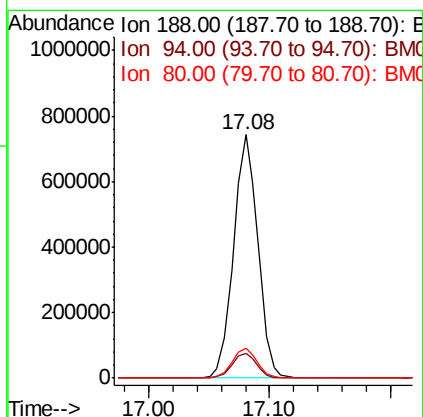
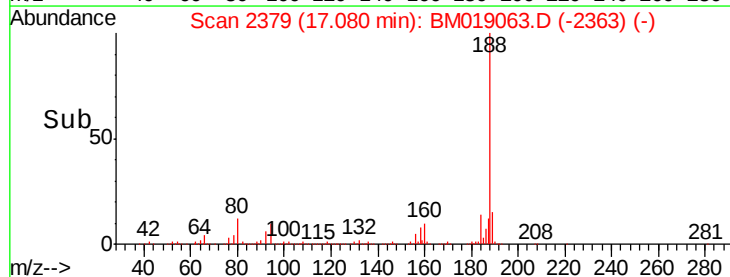
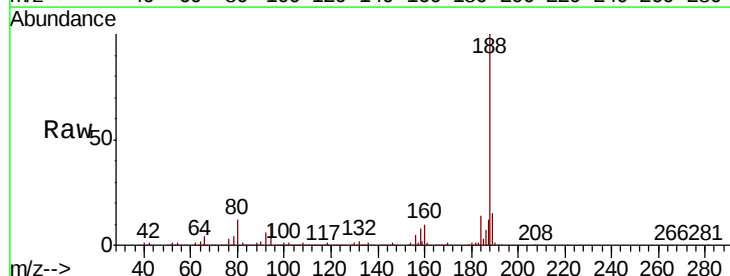
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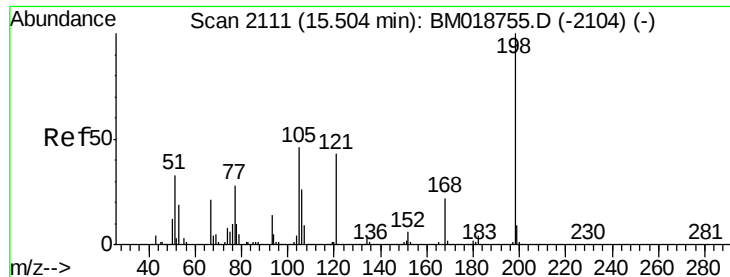
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	12.3	9.7	14.5





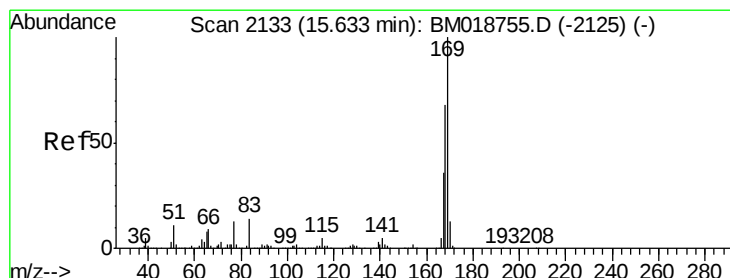
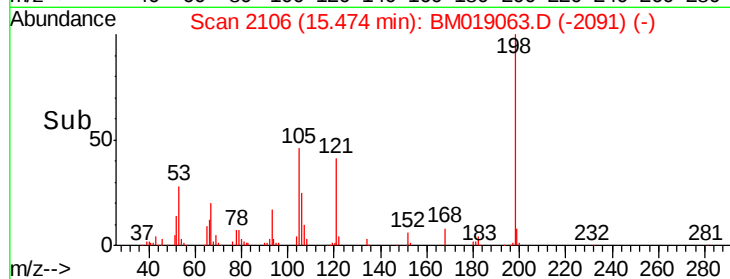
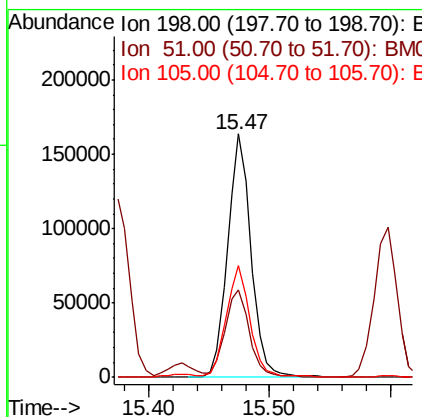
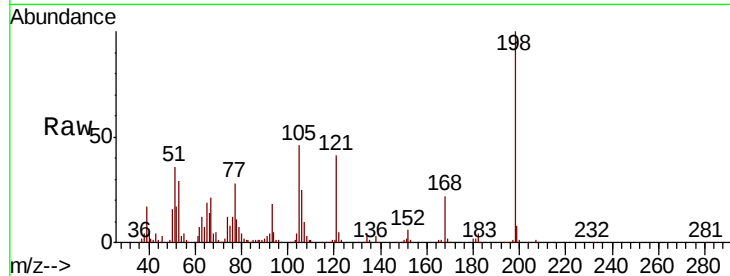
#65
4,6-Dinitro-2-methylphenol
Concen: 30.058 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.0	18.4	58.4
105	45.9	27.2	67.2

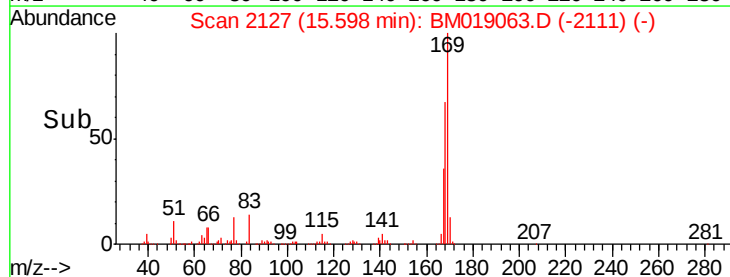
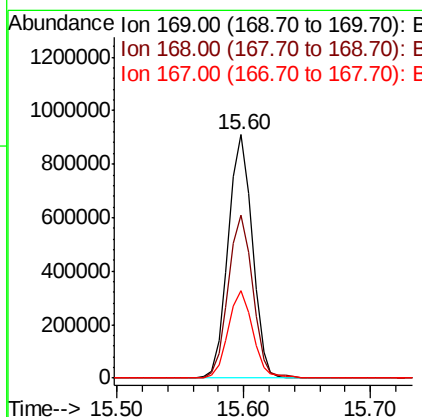
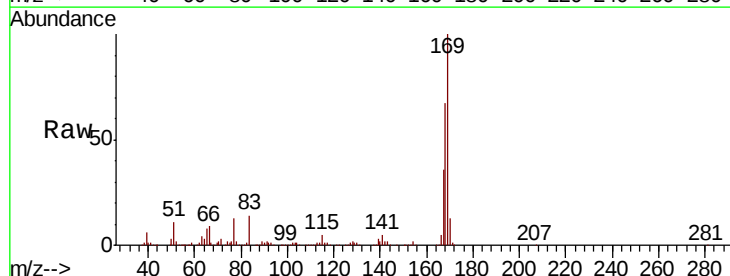
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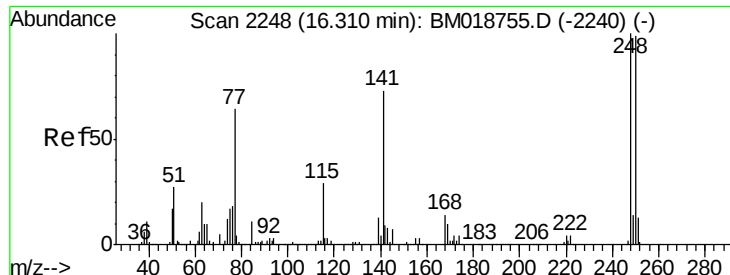
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#66
n-Nitrosodiphenylamine
Concen: 36.327 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	35.9	29.0	43.6





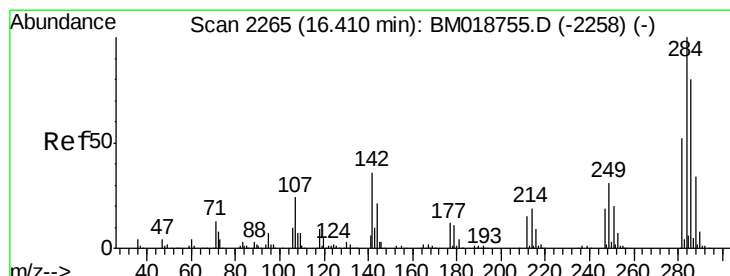
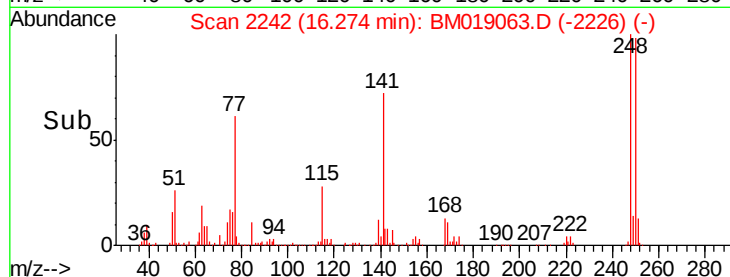
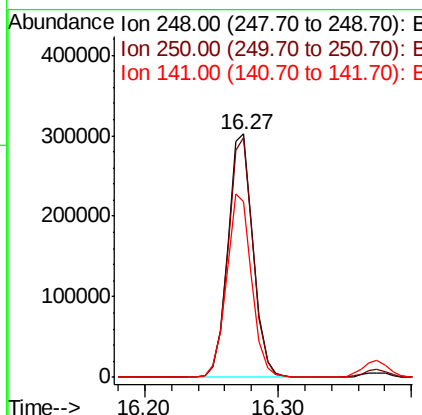
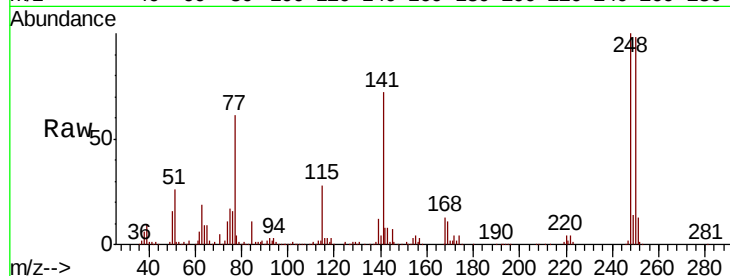
#67
4-Bromophenyl-phenylether
Concen: 34.246 ng
RT: 16.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.0	118.6
141	72.4	58.6	88.0

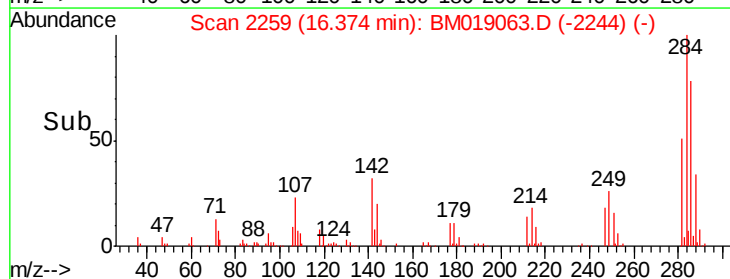
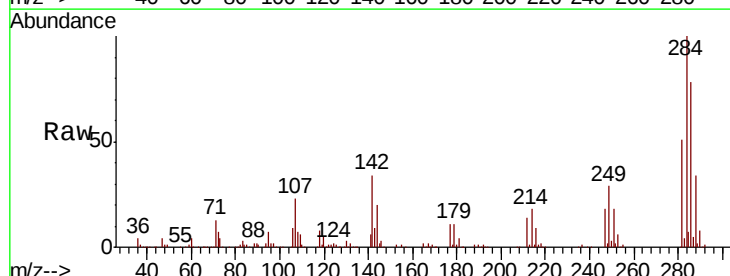
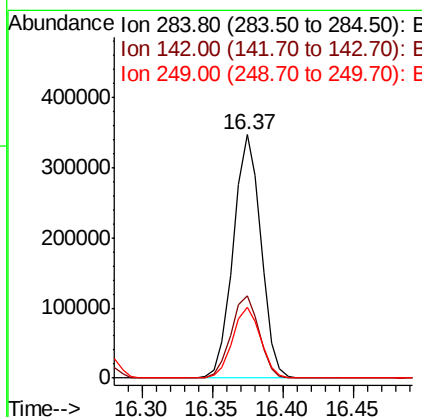
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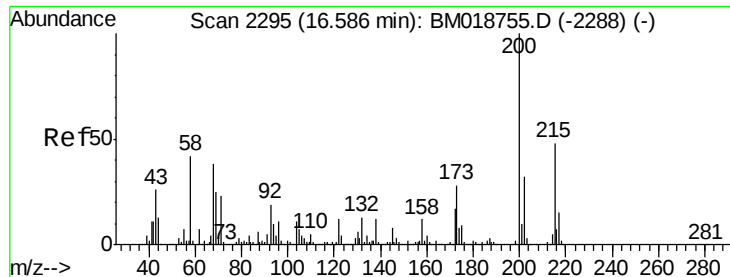
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#68
Hexachlorobenzene
Concen: 34.873 ng
RT: 16.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.9	43.3
249	28.9	24.8	37.2





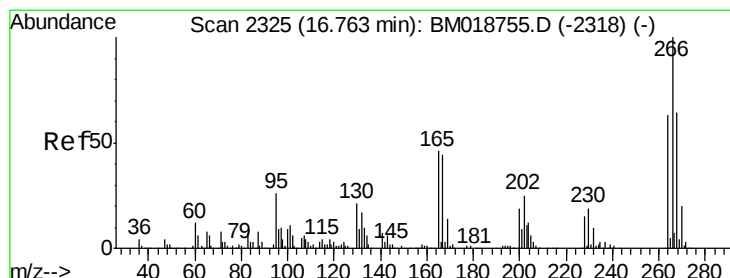
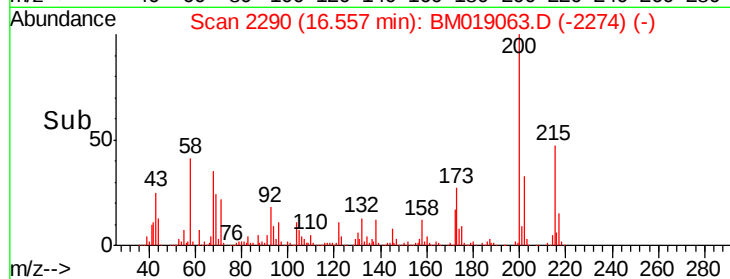
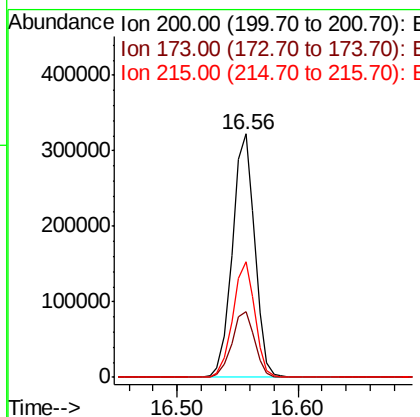
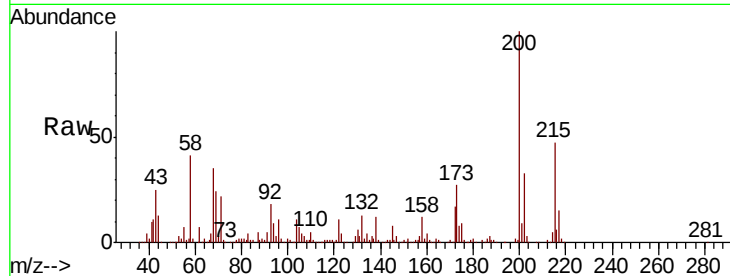
#69
 Atrazine
 Concen: 39.275 ng
 RT: 16.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.6	47.6
215	47.4	27.6	67.6

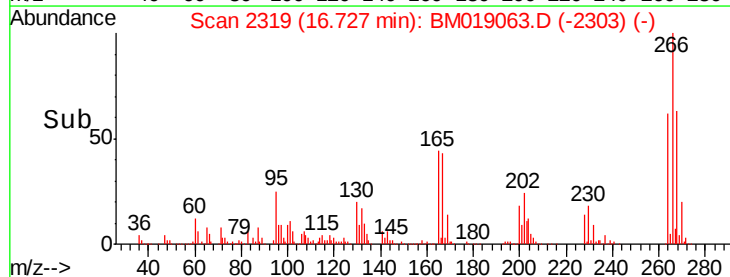
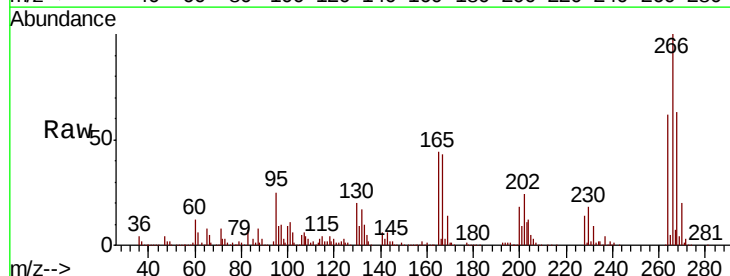
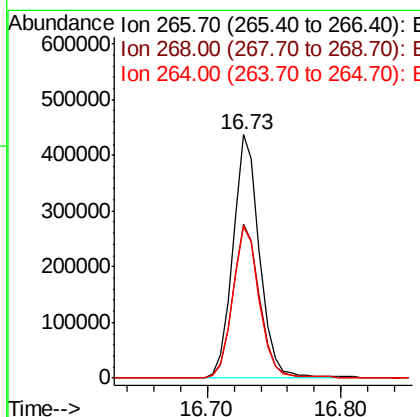
Manual Integrations
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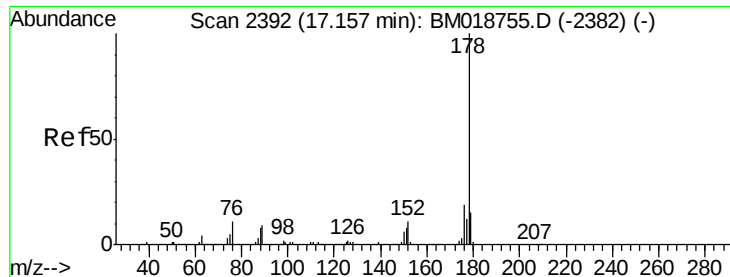
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#70
 Pentachlorophenol
 Concen: 69.410 ng
 RT: 16.73 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.3	76.9
264	62.4	50.6	75.8





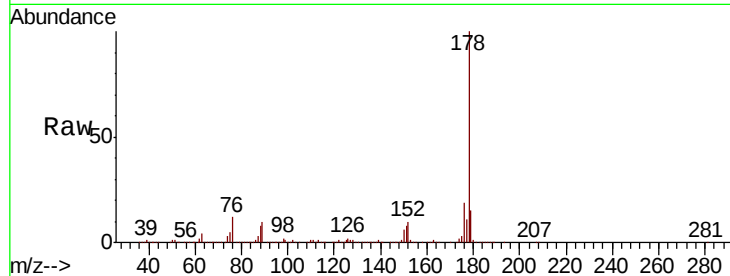
#71
Phenanthrene
Concen: 37.970 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

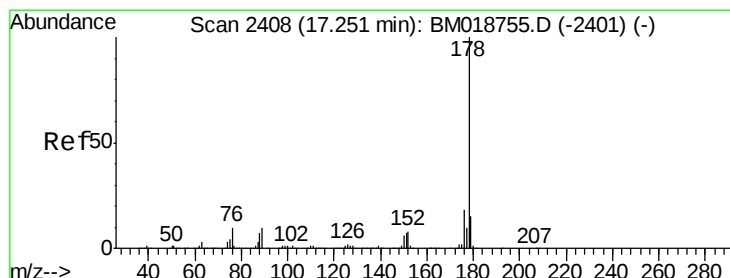
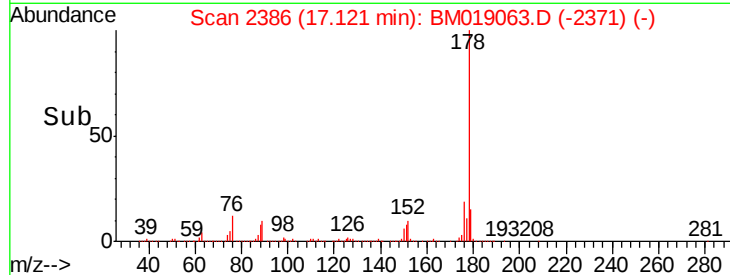
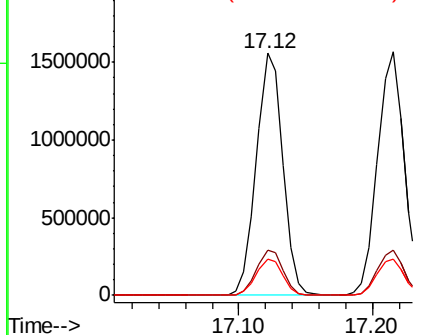
Tot Ion:178 Resp: 2128719
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.2 12.3 18.5

Manual Integrations
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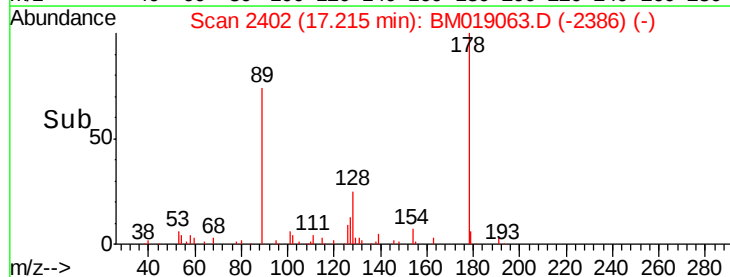
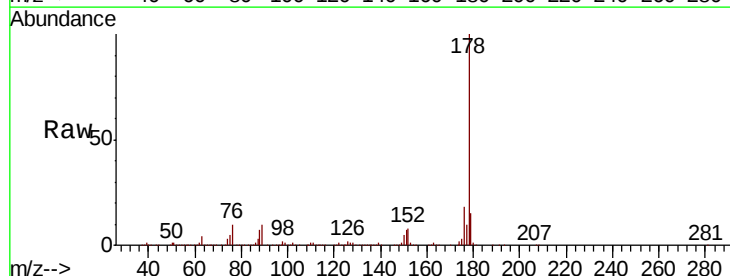
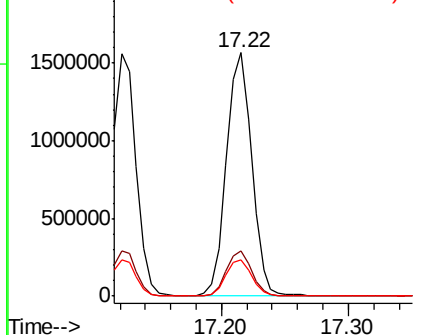
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.469 ng
RT: 17.22 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion:178 Resp: 2153724
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.1 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





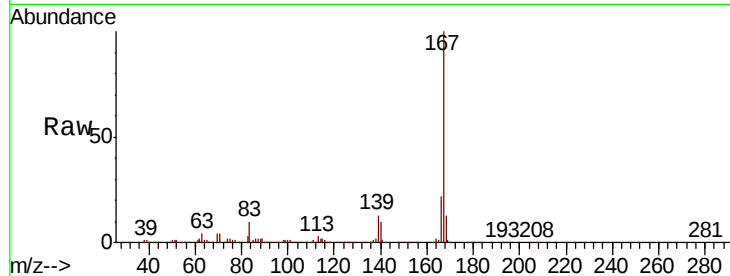
#73
 Carbazole
 Concen: 35.885 ng
 RT: 17.49 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.1	10.9	16.3

Manual Integrations
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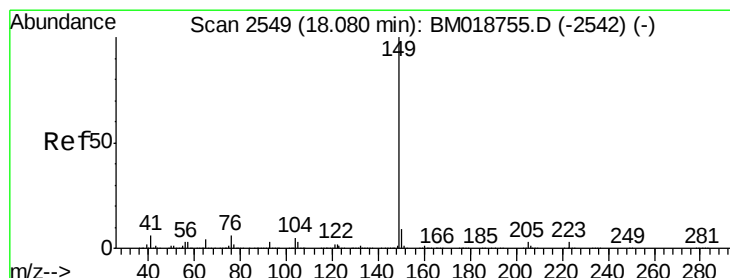
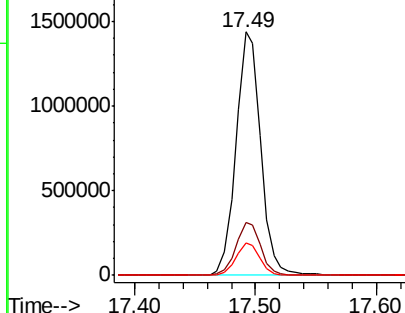
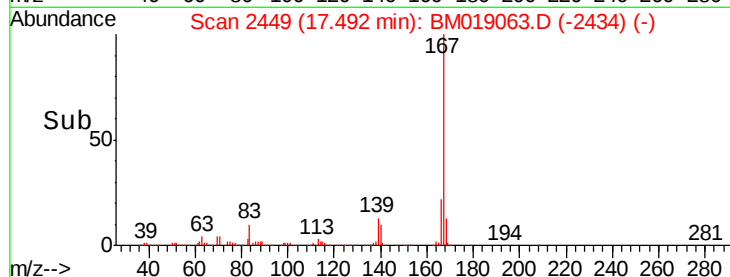


Abundance

Ion 167.00 (166.70 to 167.70): E

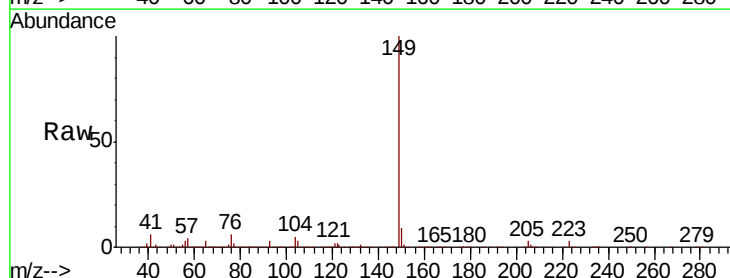
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.141 ng
 RT: 18.04 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.3	6.5

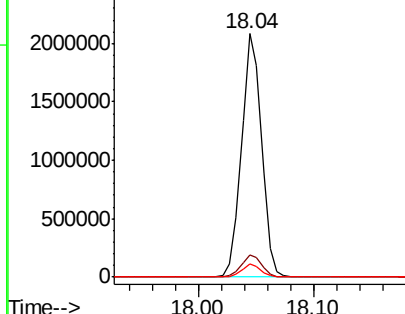
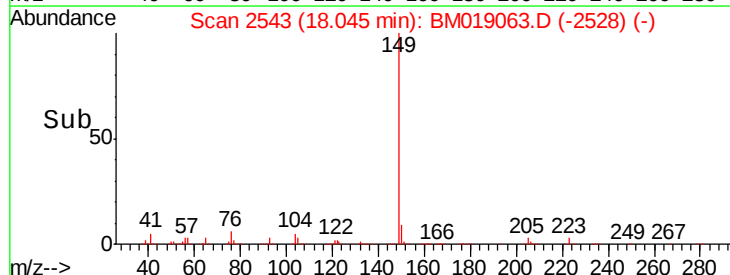


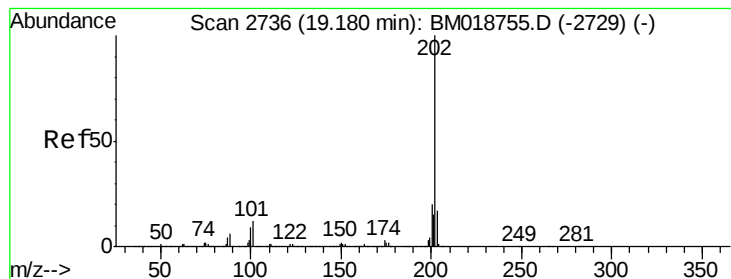
Abundance

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





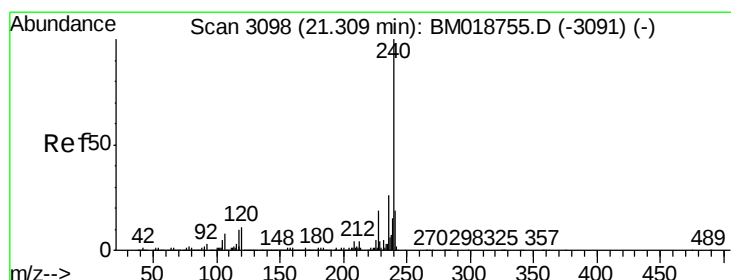
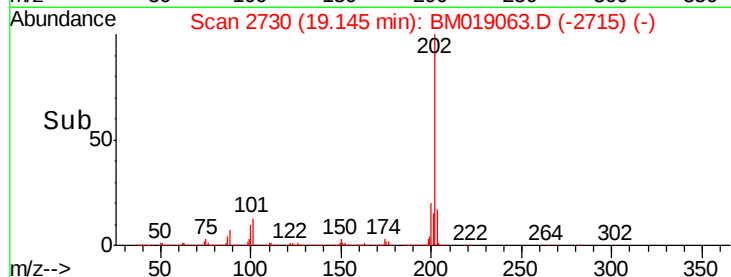
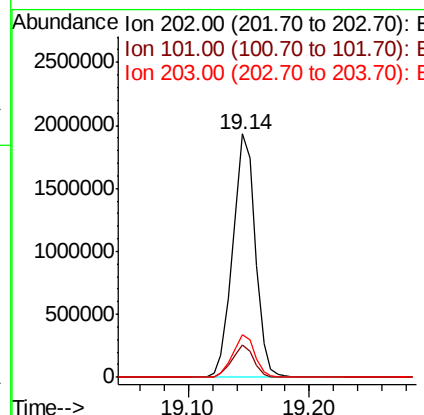
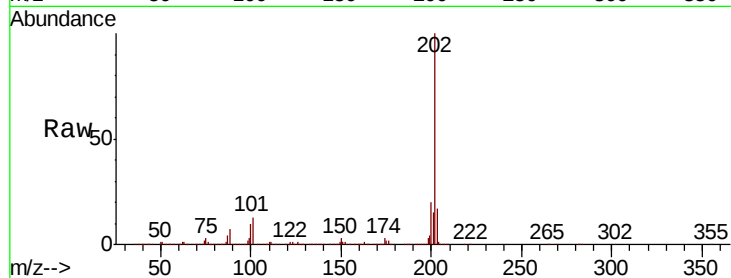
#75
 Fluoranthene
 Concen: 38.807 ng
 RT: 19.14 min Scan# 2730
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.5
203	17.4	0.0	37.3

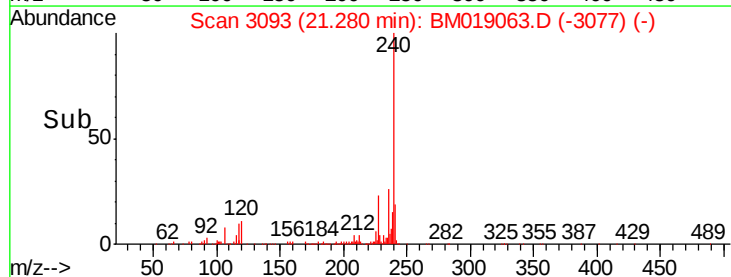
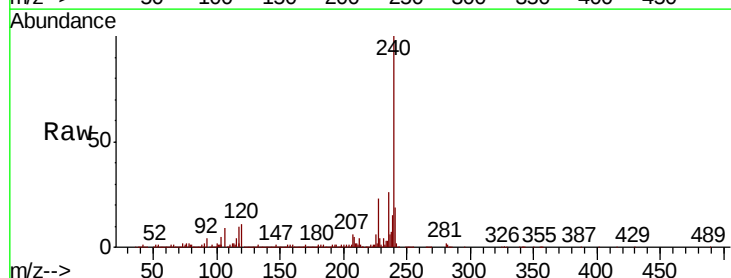
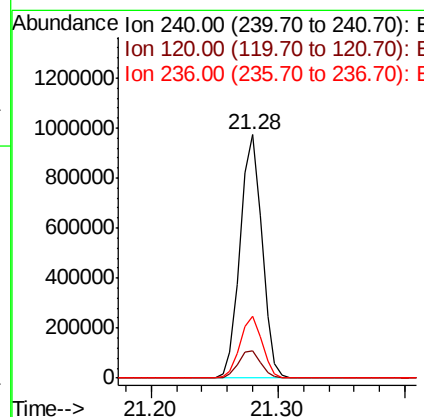
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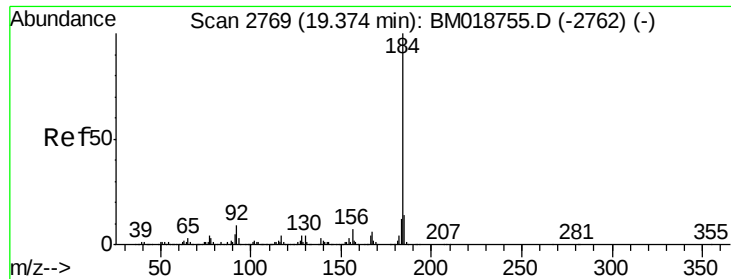
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.6	20.9	31.3





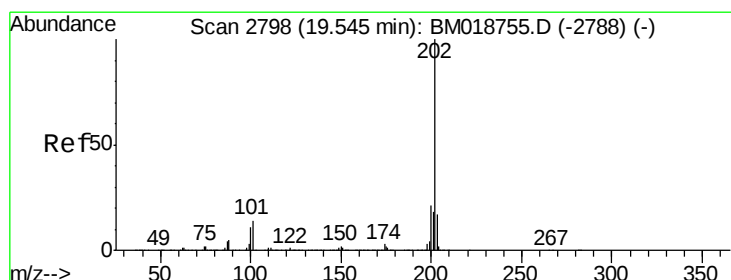
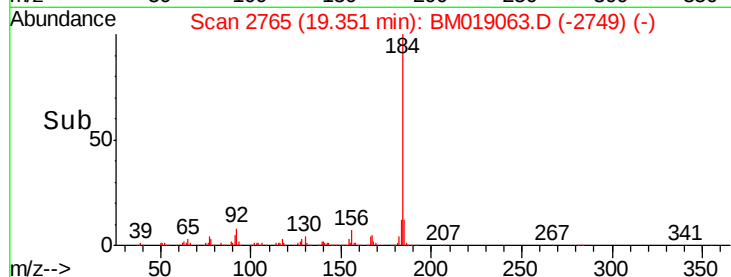
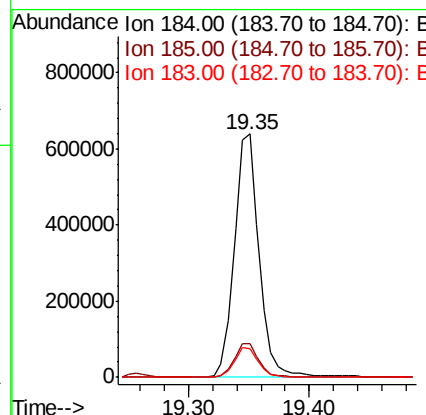
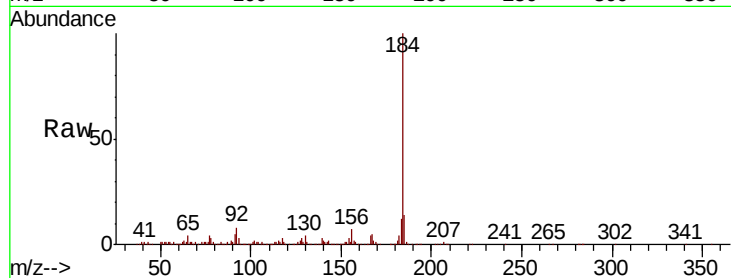
#77
Benzidine
Concen: 35.005 ng
RT: 19.35 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.2	16.8
183	11.7	9.7	14.5

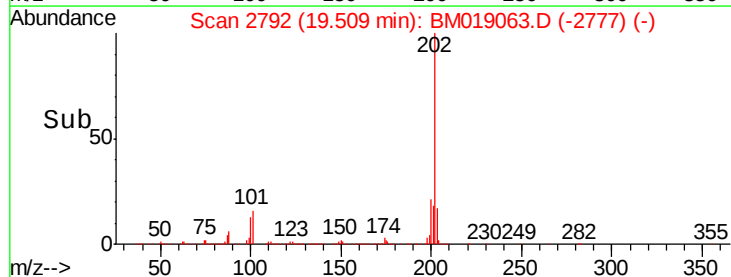
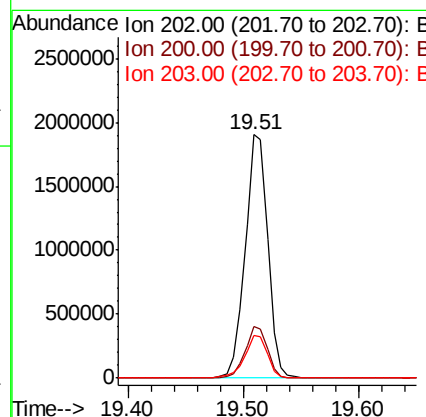
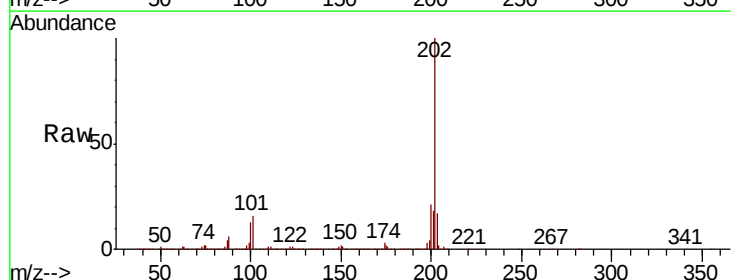
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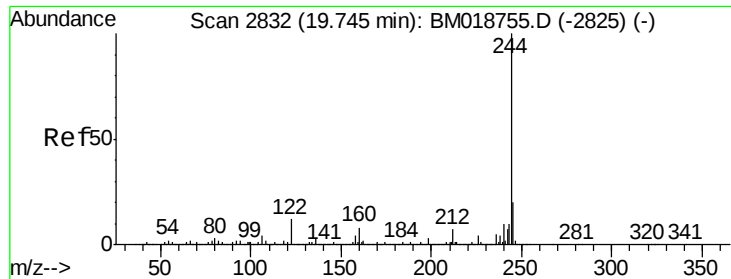
Sohil
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#78
Pyrene
Concen: 38.290 ng
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.4	13.8	20.8





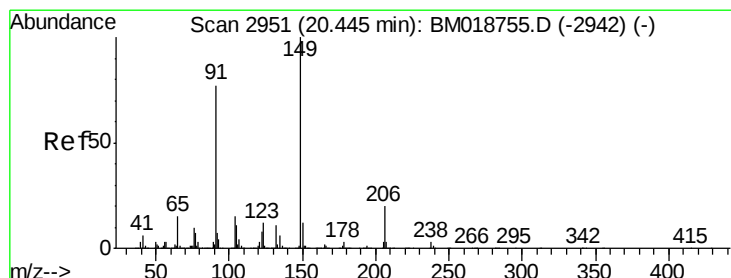
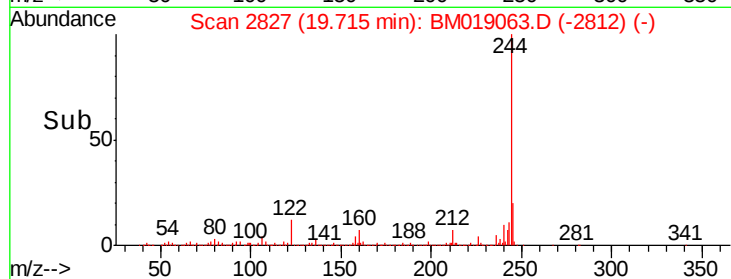
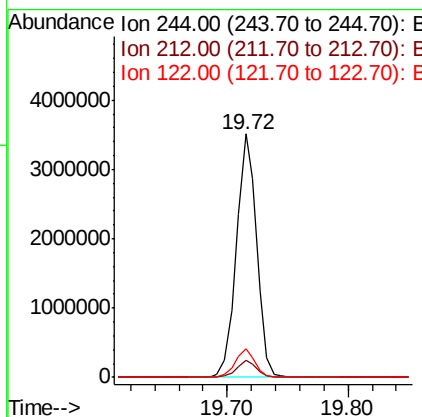
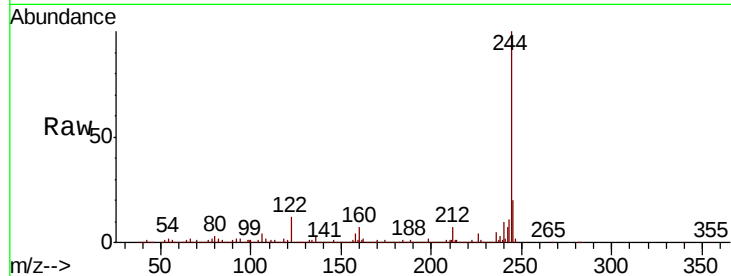
#79
 Terphenyl-d14
 Concen: 72.969 ng
 RT: 19.72 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.7	9.3	13.9

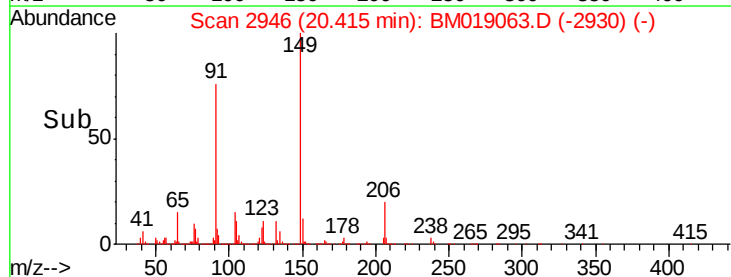
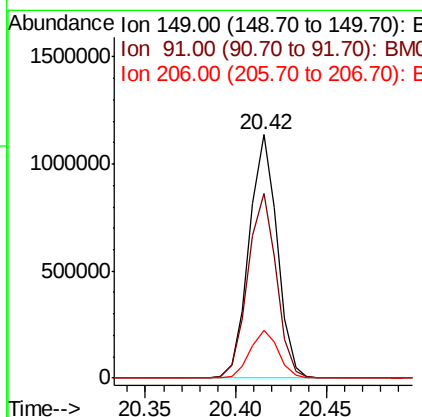
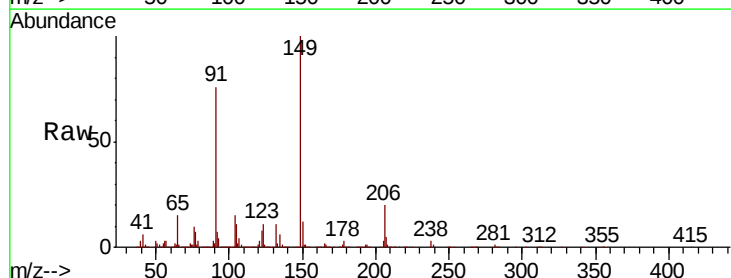
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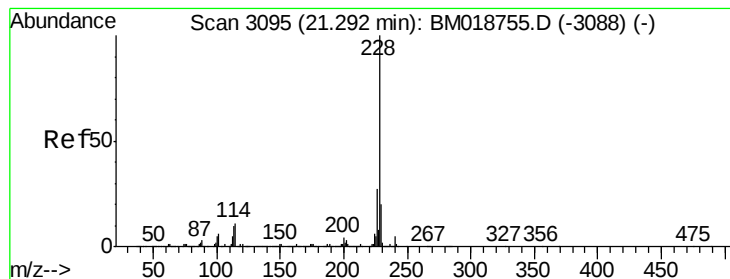
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#80
 Butylbenzylphthalate
 Concen: 39.972 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM019063.D
 Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.9	61.4	92.0
206	19.5	15.8	23.8





#81

Benzo(a)anthracene

Concen: 36.804 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:228 Resp: 2485679

Ion Ratio Lower Upper

228 100

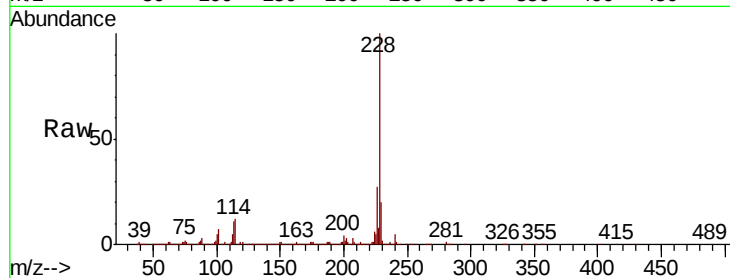
226 26.7 21.9 32.9

229 19.8 15.9 23.9

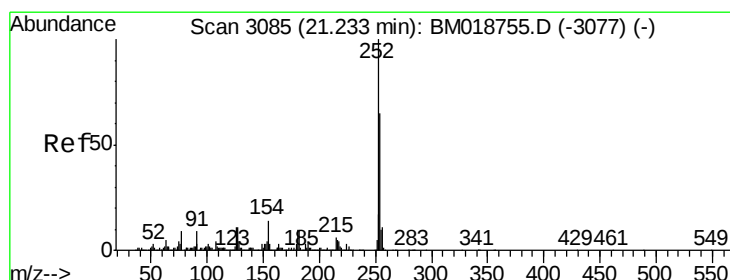
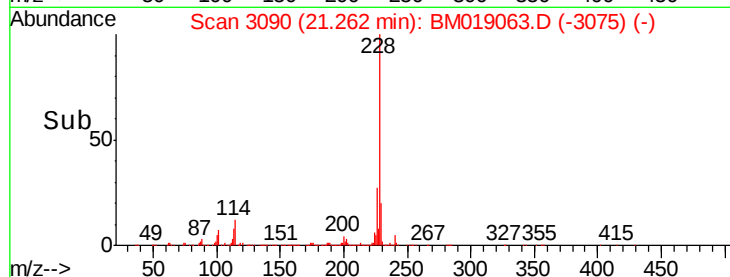
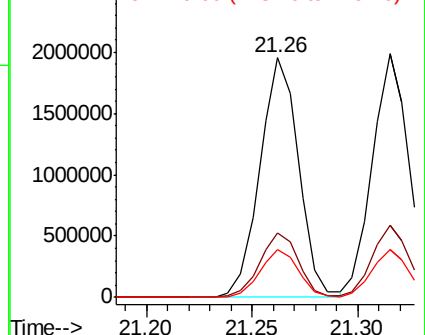
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.792 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

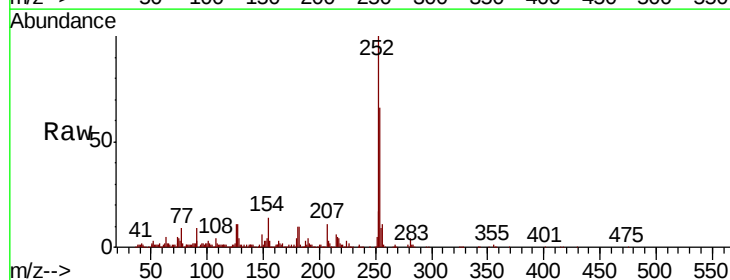
Tgt Ion:252 Resp: 554975

Ion Ratio Lower Upper

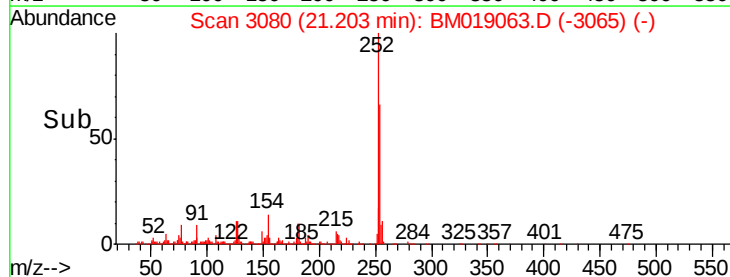
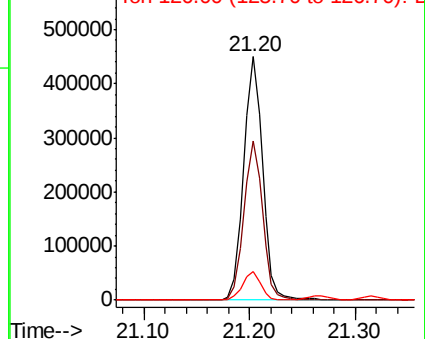
252 100

254 65.5 51.8 77.8

126 11.5 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





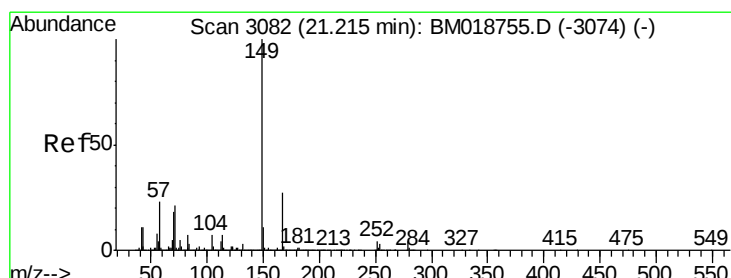
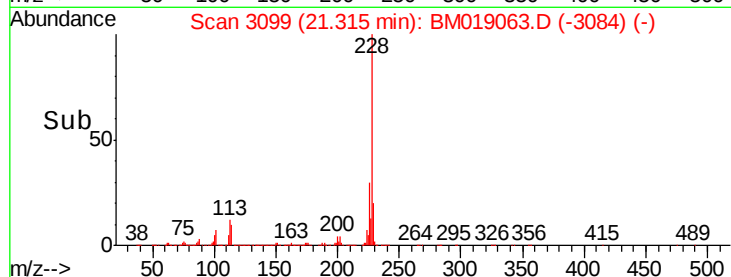
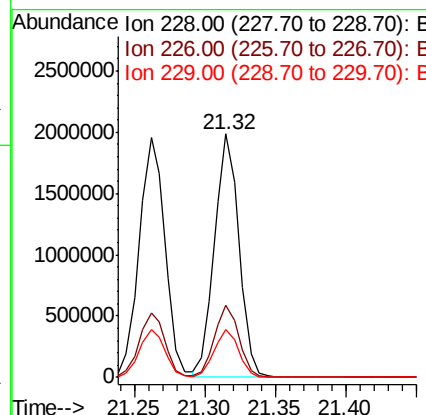
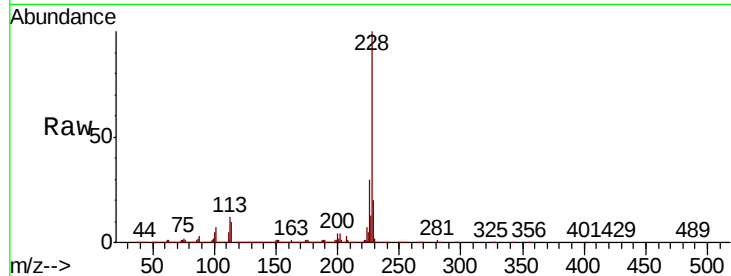
#83
Chrysene
Concen: 36.922 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.8	16.0	24.0

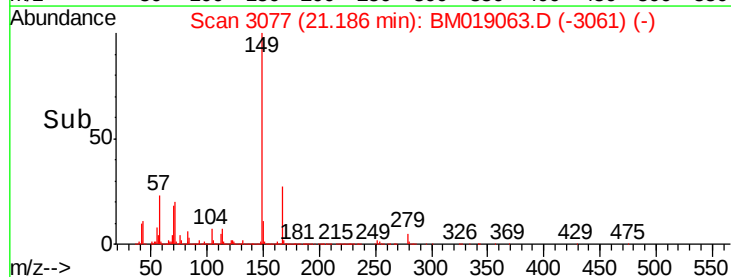
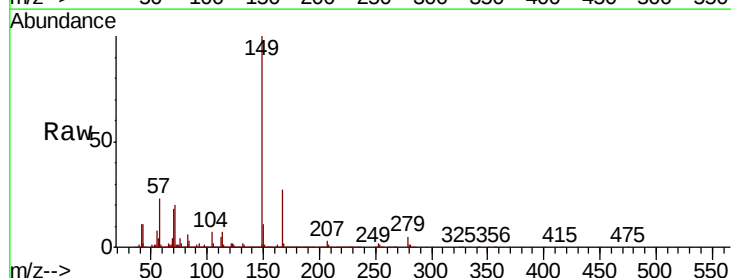
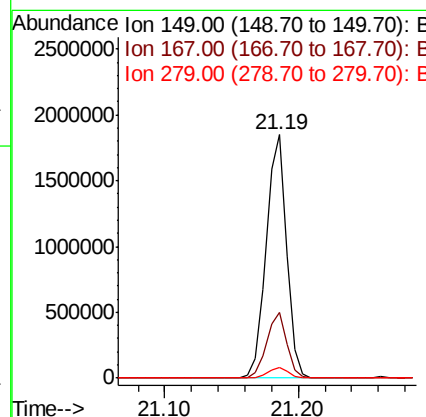
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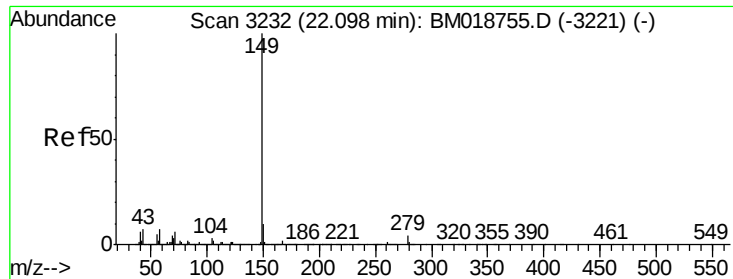
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.034 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.6
279	4.6	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 42.452 ng

RT: 22.06 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Instrument :

BNA_M

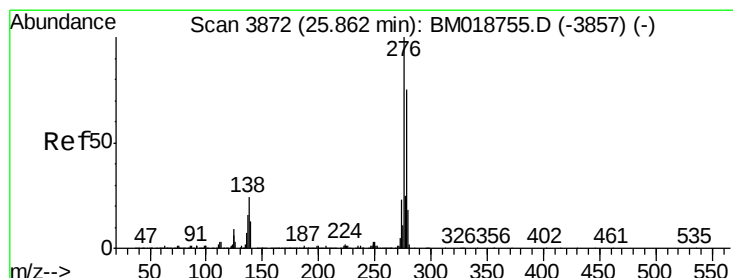
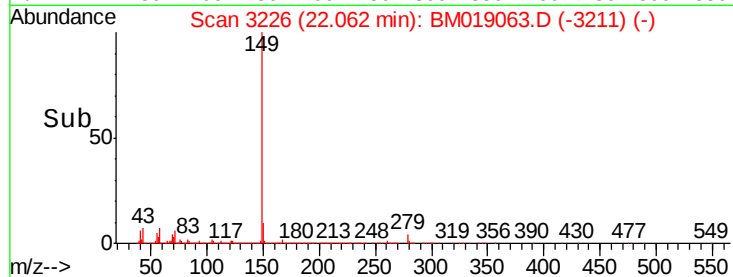
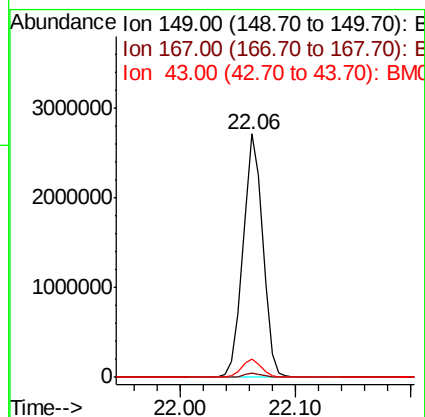
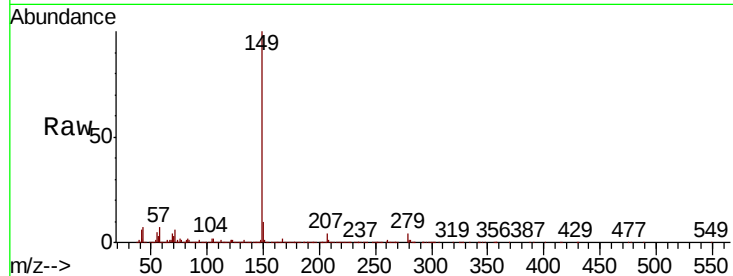
ClientSampleId :

EXT-028-SW002-022719MSD

Tot Ion:	149	Resp:	3202546
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.4	6.0	9.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 36.535 ng

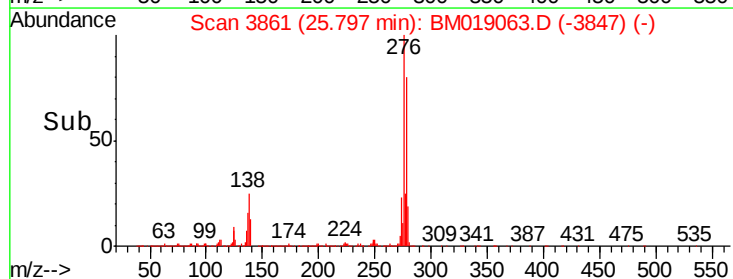
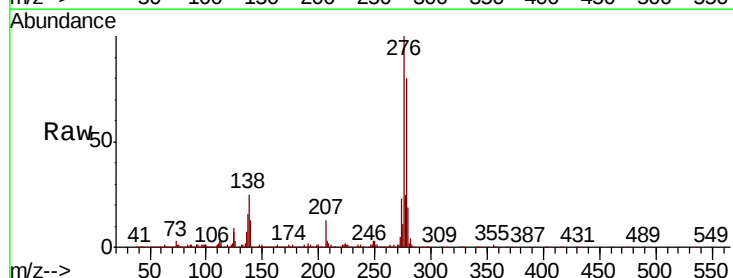
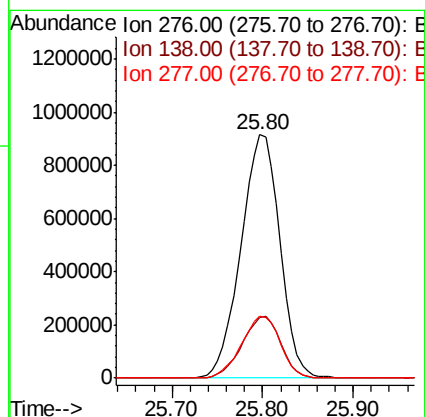
RT: 25.80 min Scan# 3861

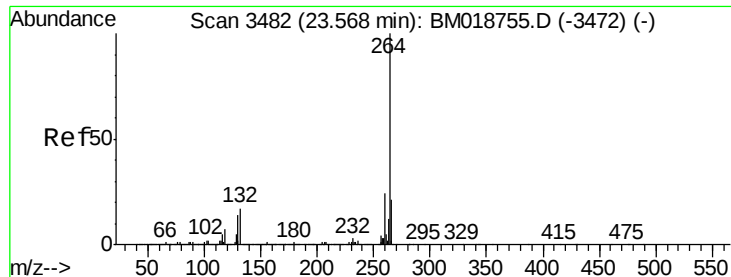
Delta R.T. -0.02 min

Lab File: BM019063.D

Acq: 06 Mar 2019 09:23

Tgt Ion:	276	Resp:	2730568
Ion Ratio	Lower	Upper	
276	100		
138	25.0	20.2	30.4
277	25.3	20.3	30.5





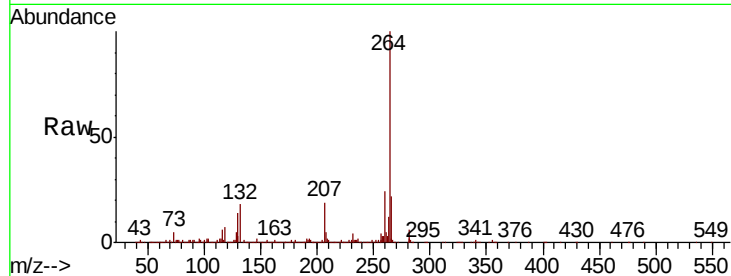
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.3	17.3	25.9

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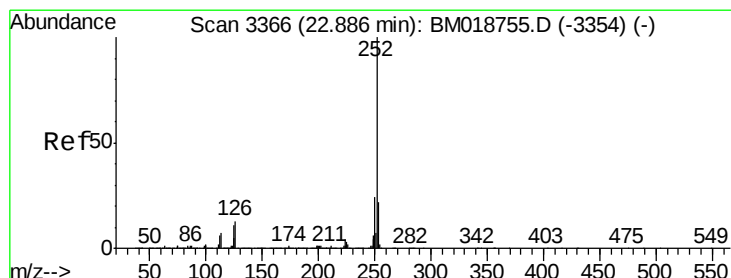
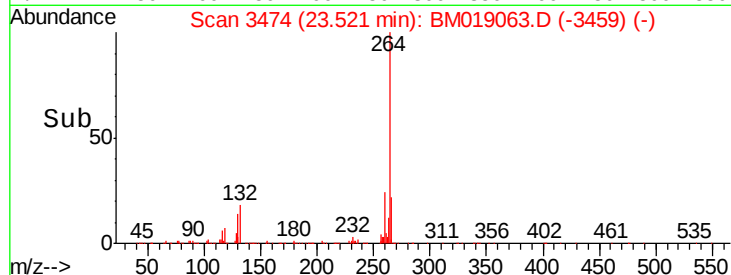
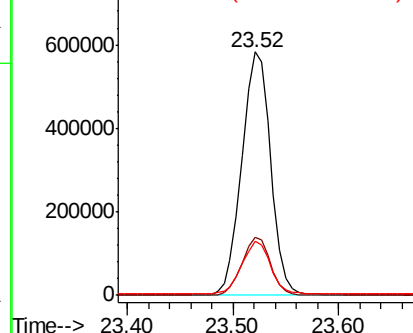


Abundance

Ion 264.00 (263.70 to 264.70): E

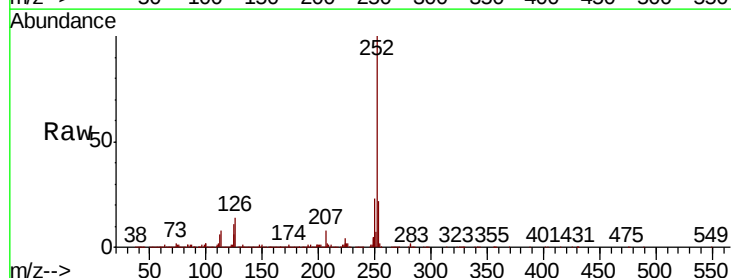
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 39.235 ng
RT: 22.84 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.6	8.6	12.8

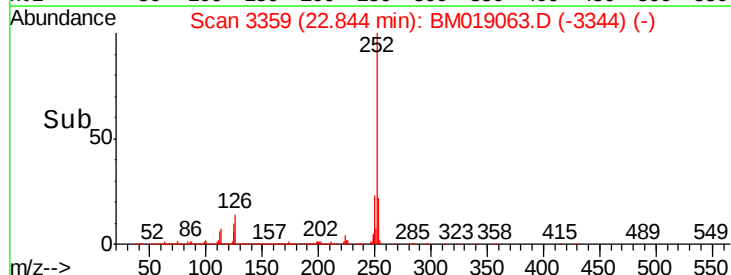
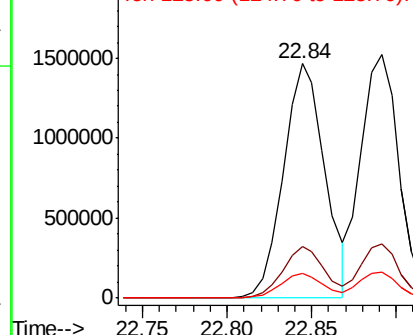


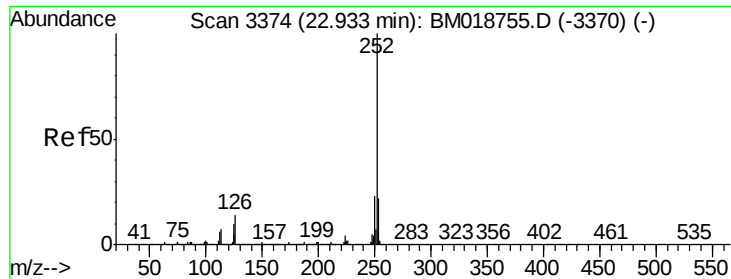
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





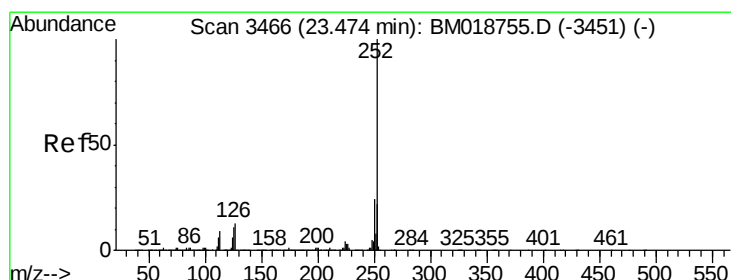
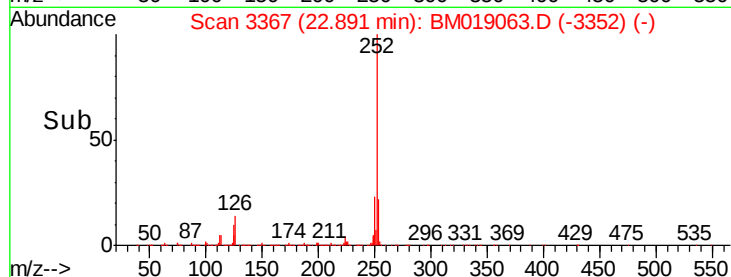
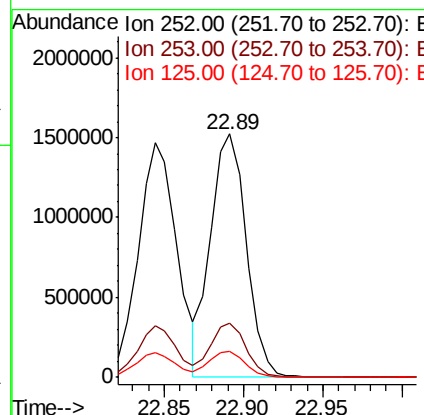
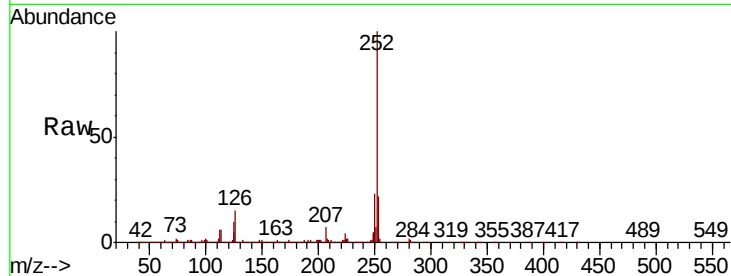
#89
Benzo(k)fluoranthene
Concen: 37.812 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.4	8.2	12.4

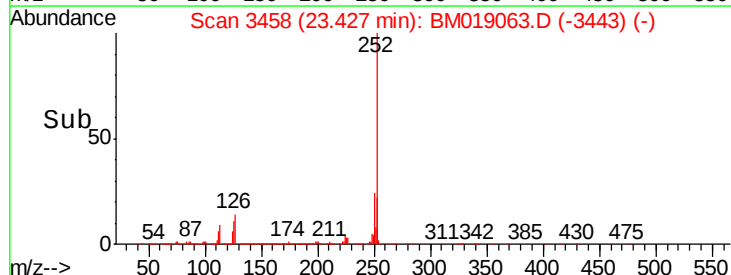
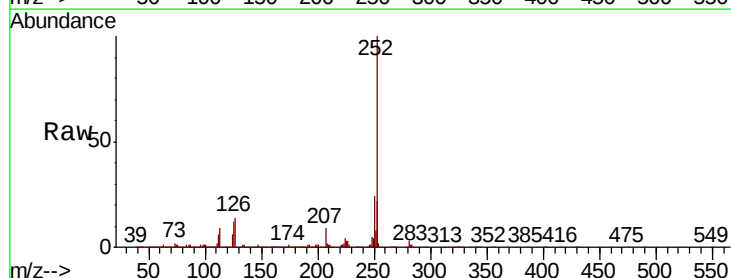
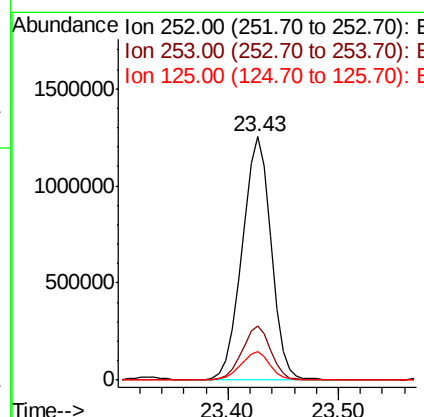
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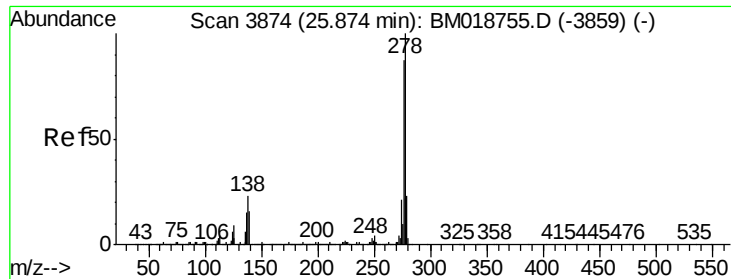
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#90
Benzo(a)pyrene
Concen: 38.470 ng
RT: 23.43 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.6	8.6	13.0





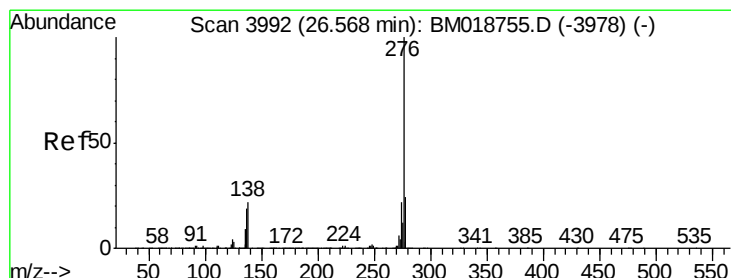
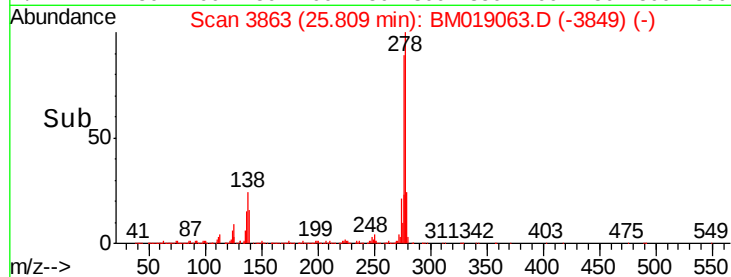
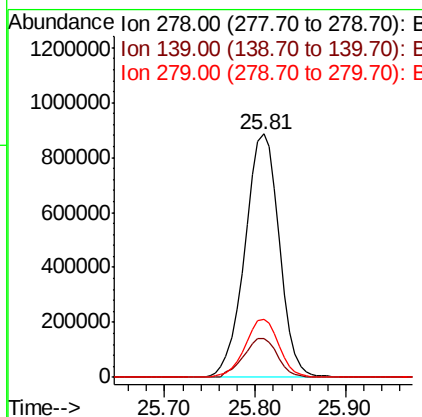
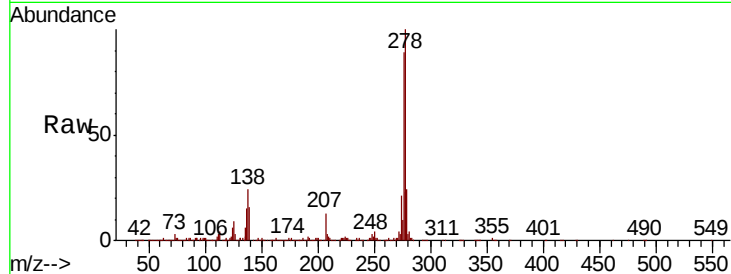
#91
Dibenzo(a,h)anthracene
Concen: 39.198 ng
RT: 25.81 min Scan# 3863
Delta R.T. -0.02 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	23.6	18.6	28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.721 ng
RT: 26.50 min Scan# 3980
Delta R.T. -0.02 min
Lab File: BM019063.D
Acq: 06 Mar 2019 09:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	21.4	17.3	25.9

