

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019062.D
 Acq On : 06 Mar 2019 08:47
 Operator : JU/SJ
 Sample : K1705-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:26:21 PM

Quant Time: Mar 06 11:01:46 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	264598	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	1049594	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	578101	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1301275	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1390380	20.00	ng	0.00
87) Perylene-d12	23.52	264	1302498	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1895225	117.36	ng	0.00
7) Phenol-d6	6.86	99	2654578	116.68	ng	0.00
23) Nitrobenzene-d5	8.84	82	1671496	73.64	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	1035879	124.31	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3128283	71.83	ng	-0.01
79) Terphenyl-d14	19.72	244	4910264	72.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	177889	25.291	ng	98
3) Pyridine	3.63	79	435155	22.681	ng	99
4) n-Nitrosodimethylamine	3.55	42	169414	34.710	ng	93
6) Aniline	7.02	93	318923	11.441	ng	99
8) 2-Chlorophenol	7.24	128	597430	33.696	ng	99
9) Benzaldehyde	6.83	77	418282	31.813	ng	98
10) Phenol	6.88	94	833499	34.820	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	570870	31.263	ng	99
12) 1,3-Dichlorobenzene	7.56	146	605496	30.371	ng	98
13) 1,4-Dichlorobenzene	7.70	146	620855	30.589	ng	98
14) 1,2-Dichlorobenzene	8.02	146	602105	30.884	ng	98
15) Benzyl Alcohol	7.92	79	575380	31.830	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	561026	31.745	ng	98
17) 2-Methylphenol	8.12	107	510494	33.507	ng	97
18) Hexachloroethane	8.73	117	225240	30.400	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	529180	30.042	ng	99
20) 3+4-Methylphenols	8.45	107	686685	32.640	ng	98
22) Acetophenone	8.50	105	880651	30.553	ng	# 99
24) Nitrobenzene	8.89	77	751064	31.876	ng	98
25) Isophorone	9.40	82	1305252	36.037	ng	100
26) 2-Nitrophenol	9.59	139	317792	33.868	ng	97
27) 2,4-Dimethylphenol	9.65	122	532749	38.873	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	777591	33.200	ng	100
29) 2,4-Dichlorophenol	10.11	162	541664	34.421	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	572802	31.519	ng	98
31) Naphthalene	10.51	128	1746633	34.121	ng	99
32) Benzoic acid	9.80	122	376940m	31.530	ng	
33) 4-Chloroaniline	10.65	127	144863	6.331	ng	99
34) Hexachlorobutadiene	10.77	225	309051	29.298	ng	99
35) Caprolactam	11.45	113	173904m	27.078	ng	
36) 4-Chloro-3-methylphenol	11.76	107	612331	32.274	ng	98
37) 2-Methylnaphthalene	12.13	142	1248058	34.629	ng	98
38) 1-Methylnaphthalene	12.35	142	1196779	33.958	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	593849	32.112	ng	100

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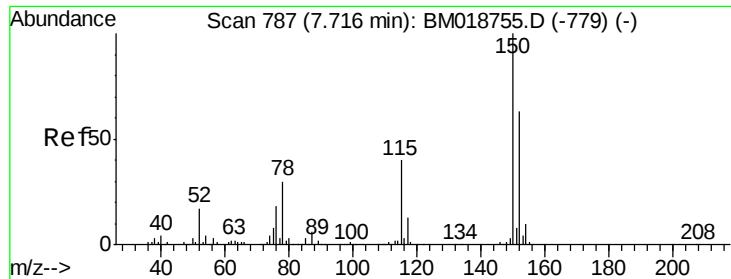
Manual Integrations
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Quant Time: Mar 06 11:01:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	495375	52.393	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	428704	35.018	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	456058	35.542	ng	99
46) 1,1'-Biphenyl	13.15	154	1580766	31.767	ng	99
47) 2-Chloronaphthalene	13.20	162	1237291	32.192	ng	99
48) 2-Nitroaniline	13.42	65	423696	33.192	ng	98
49) Acenaphthylene	14.05	152	2002016	34.982	ng	99
50) Dimethylphthalate	13.79	163	1805647	37.478	ng	99
51) 2,6-Dinitrotoluene	13.92	165	349238	33.463	ng	99
52) Acenaphthene	14.39	154	1144201	32.605	ng	99
53) 3-Nitroaniline	14.26	138	167708	14.222	ng	95
54) 2,4-Dinitrophenol	14.47	184	390954	60.546	ng	96
55) Dibenzofuran	14.73	168	1849078	32.058	ng	99
56) 4-Nitrophenol	14.57	139	634095	67.360	ng	96
57) 2,4-Dinitrotoluene	14.72	165	500735	34.823	ng	97
58) Fluorene	15.38	166	1507622	34.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	407308	35.912	ng	100
60) Diethylphthalate	15.16	149	1596793	32.130	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	745952	30.150	ng	99
62) 4-Nitroaniline	15.43	138	333032	28.807	ng	98
63) Azobenzene	15.67	77	1690456	31.723	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	250702	27.440	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1344750	32.709	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	446600	30.661	ng	98
68) Hexachlorobenzene	16.37	284	529143	31.254	ng	97
69) Atrazine	16.56	200	472376	35.640	ng	100
70) Pentachlorophenol	16.73	266	686420	62.968	ng	99
71) Phenanthrene	17.12	178	2382569	34.070	ng	99
72) Anthracene	17.22	178	2430566	35.708	ng	100
73) Carbazole	17.50	167	2317891	32.594	ng	99
74) Di-n-butylphthalate	18.04	149	2812701	34.391	ng	100
75) Fluoranthene	19.14	202	2818702	34.893	ng	98
77) Benzidine	19.34	184	925408	29.553	ng	100
78) Pyrene	19.51	202	2905658	35.983	ng	100
80) Butylbenzylphthalate	20.42	149	1364921	37.088	ng	99
81) Benzo(a)anthracene	21.26	228	2728334	33.663	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	637005	19.887	ng	98
83) Chrysene	21.32	228	2610839	33.609	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2438225	45.267	ng	100
85) Di-n-octyl phthalate	22.06	149	3536876	39.069	ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2906324	32.405	ng	100
88) Benzo(b)fluoranthene	22.84	252	2665718	35.771	ng	100
89) Benzo(k)fluoranthene	22.89	252	2583800	34.827	ng	99
90) Benzo(a)pyrene	23.43	252	2491974	35.299	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2474329	35.377	ng	99
92) Benzo(g,h,i)perylene	26.50	276	2358244	36.217	ng	100

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



#1

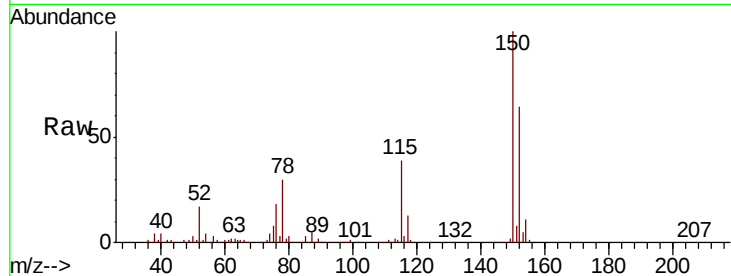
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.3	190.9
115	61.6	50.8	76.2

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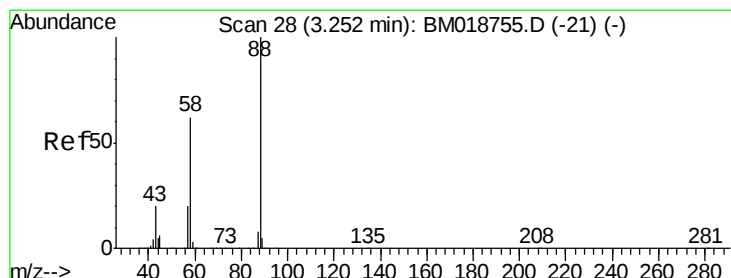
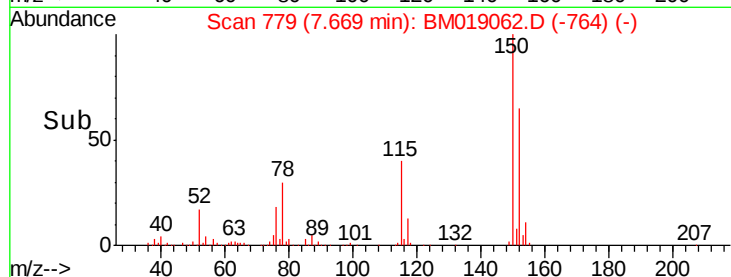
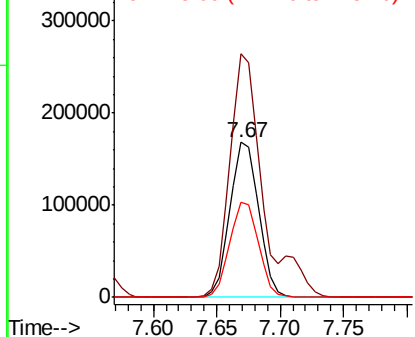


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

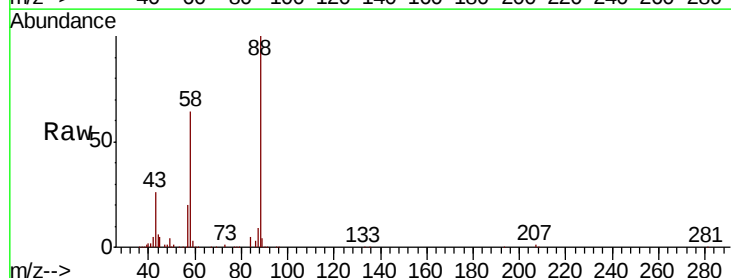
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.291 ng
RT: 3.23 min Scan# 24
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.2	49.8	74.6
43	21.9	16.7	25.1

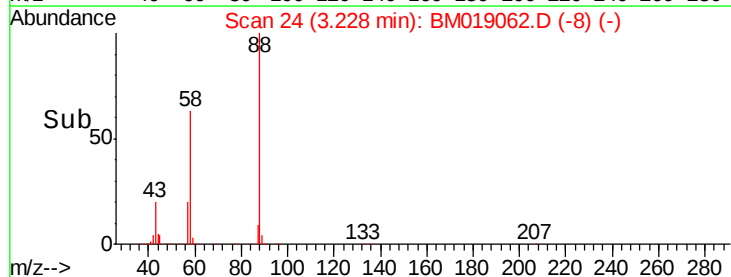
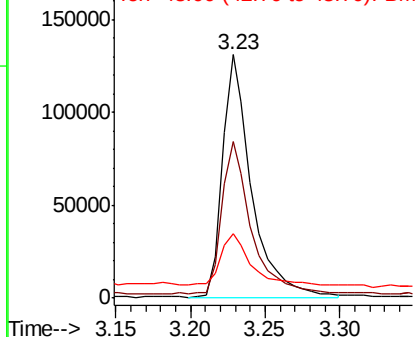


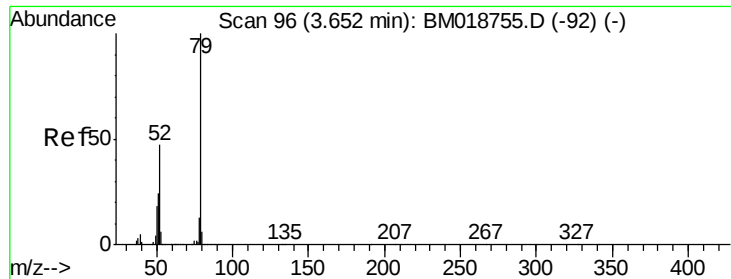
Abundance

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





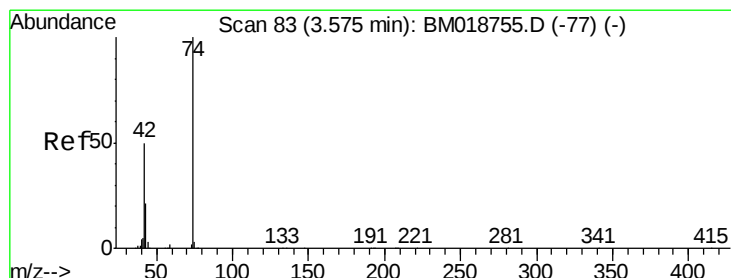
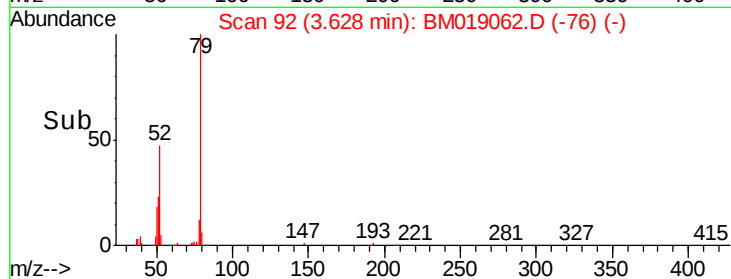
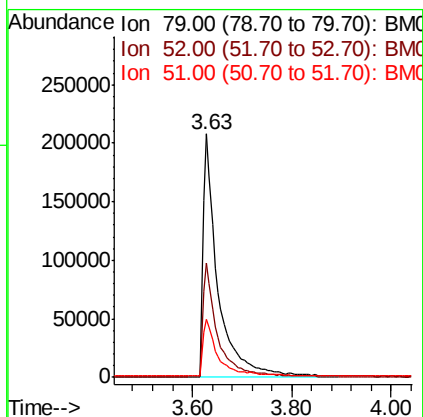
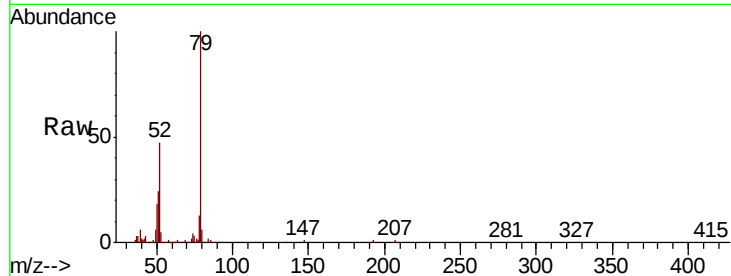
#3
Pvridine
Concen: 22.681 ng
RT: 3.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.2	37.6	56.4
51	23.7	19.7	29.5

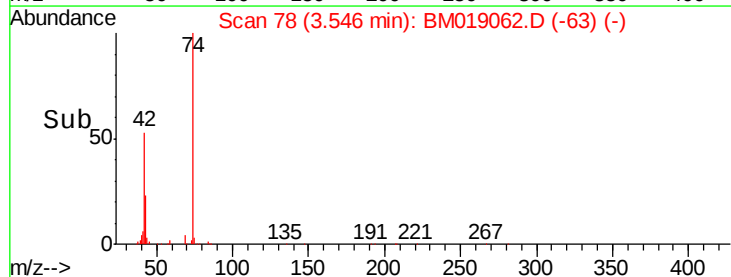
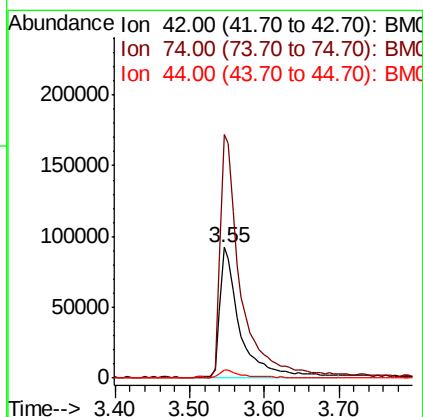
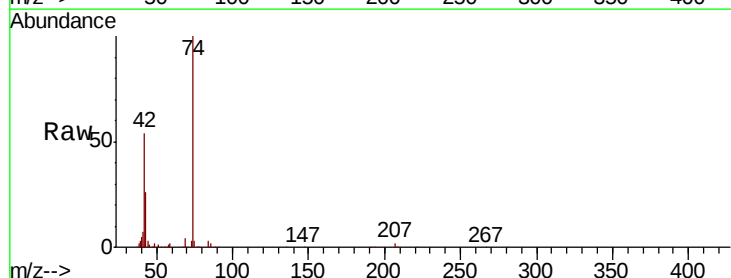
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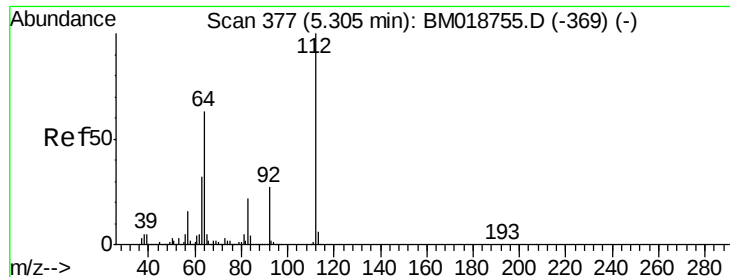
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#4
n-Nitrosodimethylamine
Concen: 34.710 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	186.6	158.1	237.1
44	6.0	4.9	7.3





#5

2-Fluorophenol

Concen: 117.358 ng

RT: 5.27 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

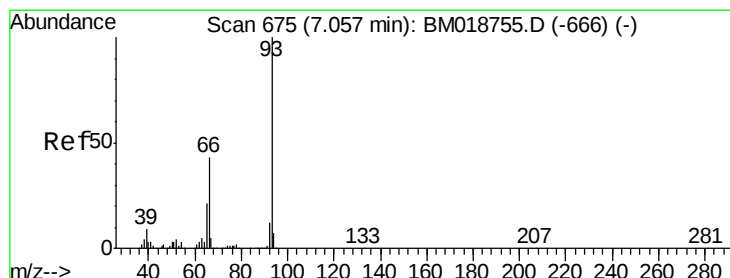
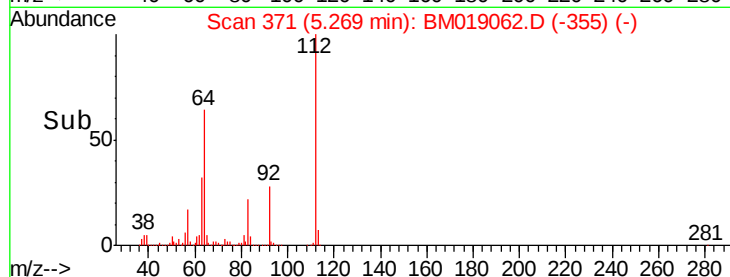
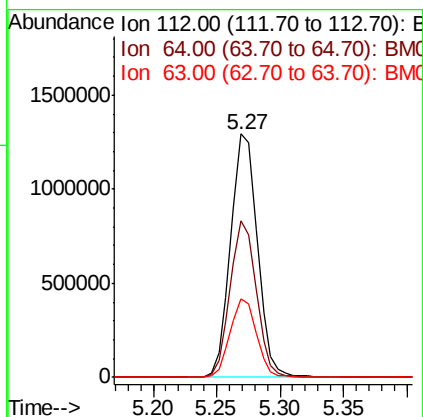
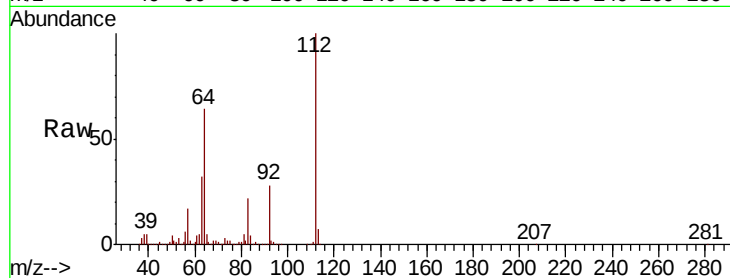
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	112	Resp:	1895225
Ion	Ratio	Lower	Upper
112	100		
64	64.2	50.6	75.8
63	32.2	25.7	38.5

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#6

Aniline

Concen: 11.441 ng

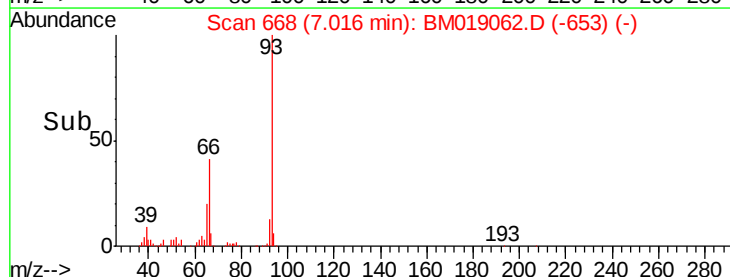
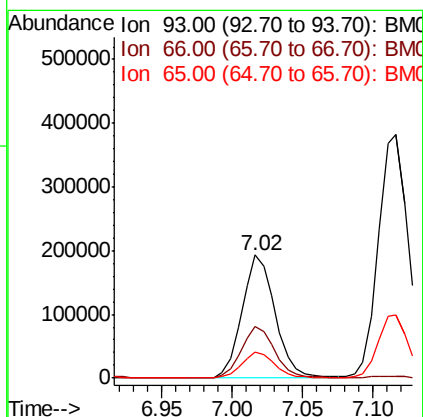
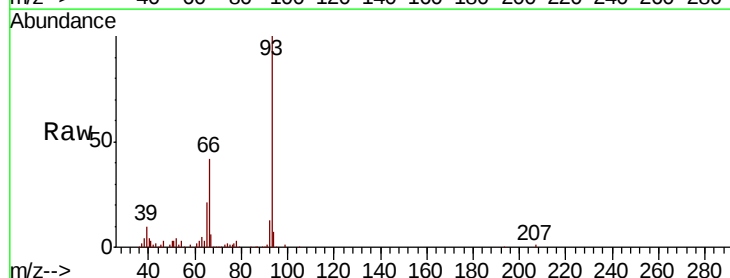
RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Tgt Ion:	93	Resp:	318923
Ion	Ratio	Lower	Upper
93	100		
66	42.0	34.1	51.1
65	20.9	16.6	24.8





#7

Phenol-d6

Concen: 116.685 ng

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion: 99 Resp: 2654578

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

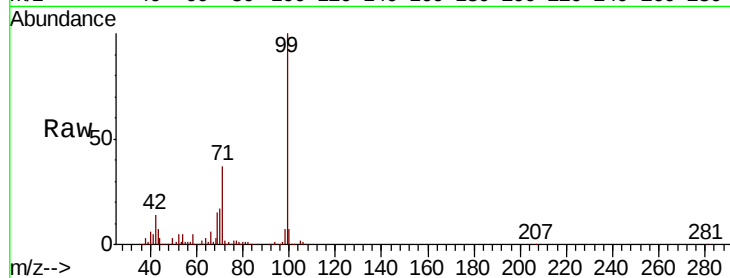
71 37.2 31.3 46.9

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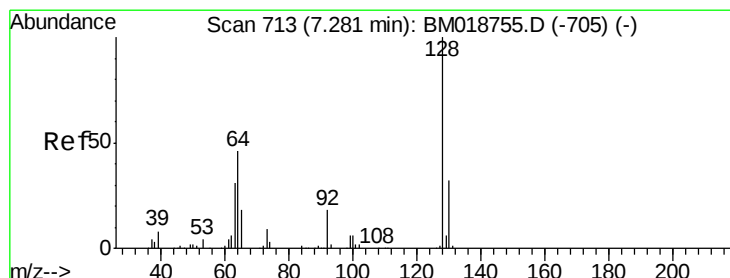
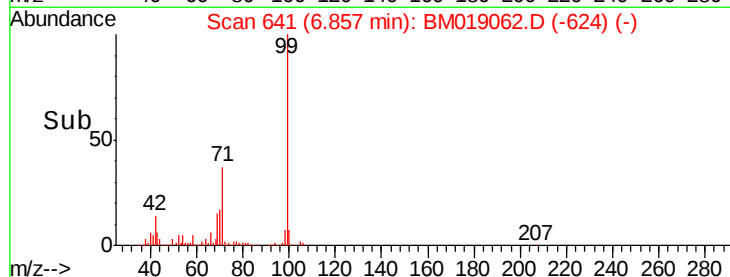
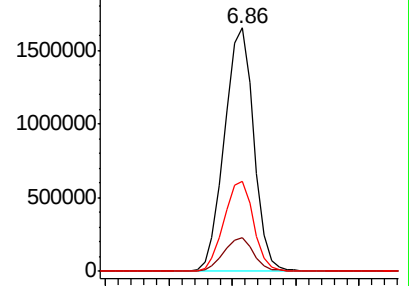
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

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: 33.696 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

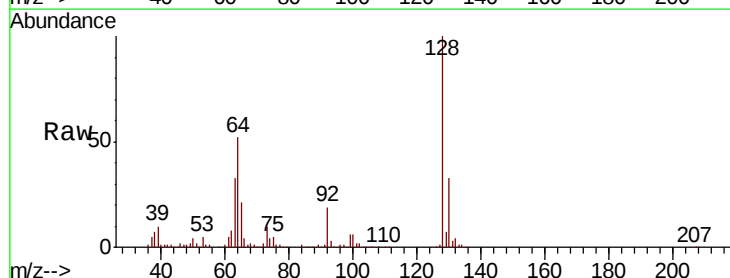
Tgt Ion: 128 Resp: 597430

Ion Ratio Lower Upper

128 100

130 32.9 11.7 51.7

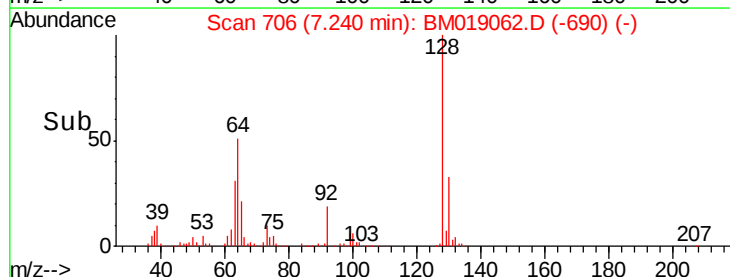
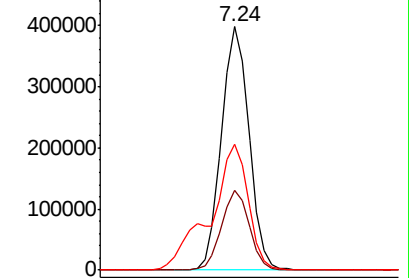
64 51.5 31.0 71.0

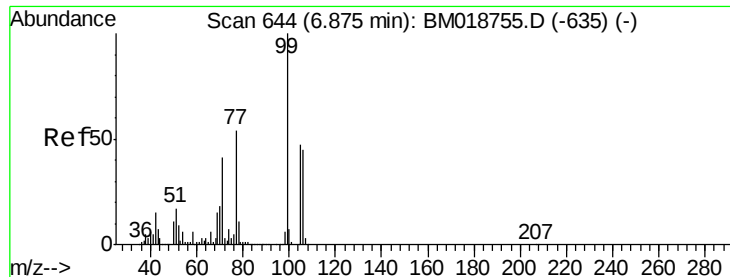


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

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: 31.813 ng

RT: 6.83 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

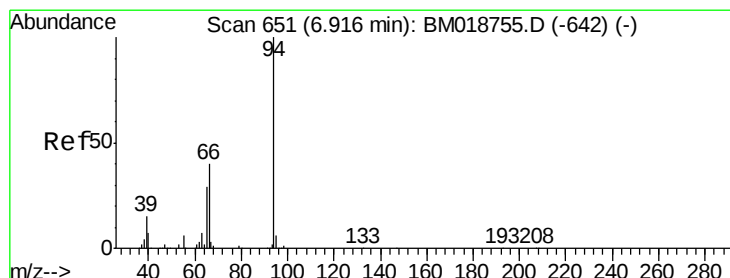
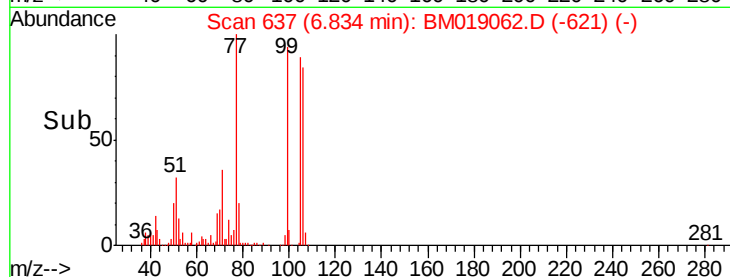
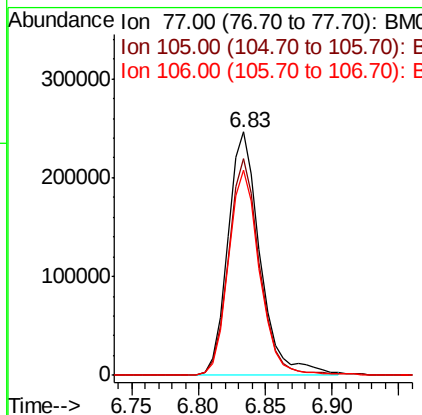
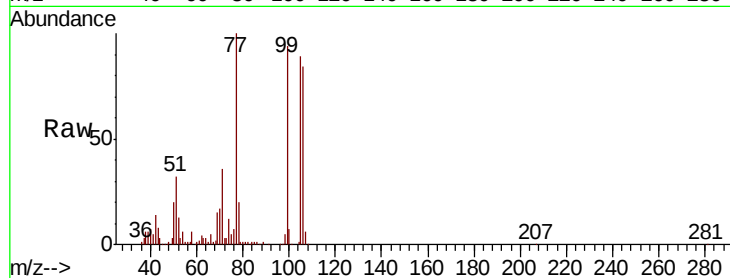
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	77	Resp:	418282
Ion	Ratio	Lower	Upper
77	100		
105	89.1	67.3	107.3
106	84.0	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 34.820 ng

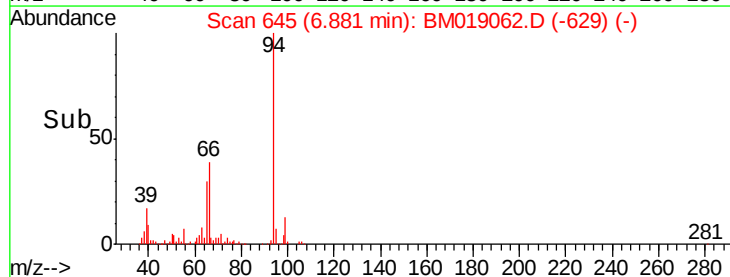
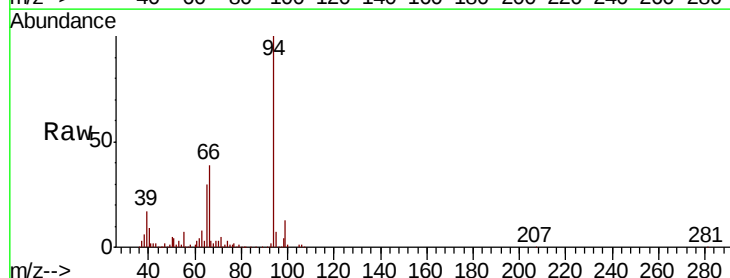
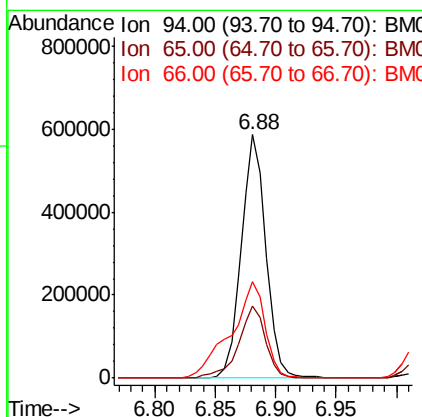
RT: 6.88 min Scan# 645

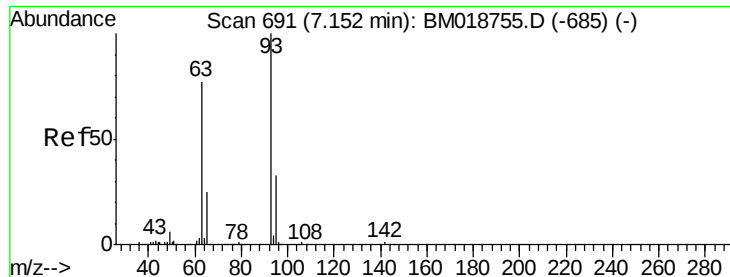
Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Tgt Ion:	94	Resp:	833499
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.6	49.6
66	39.4	20.4	60.4





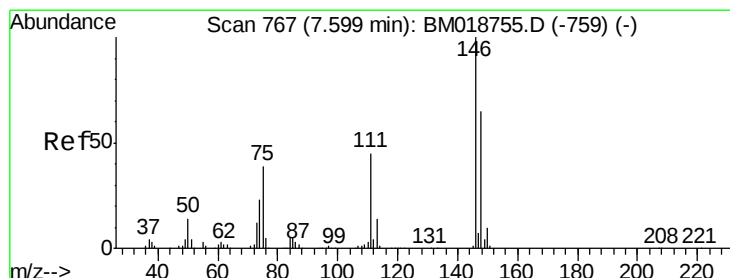
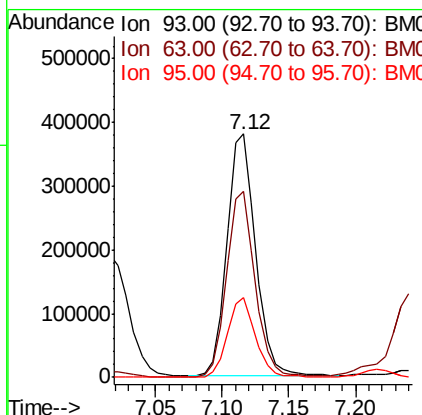
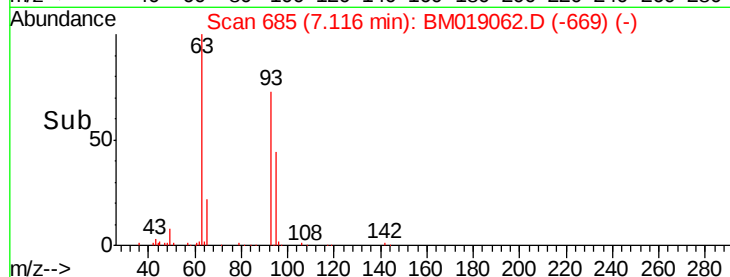
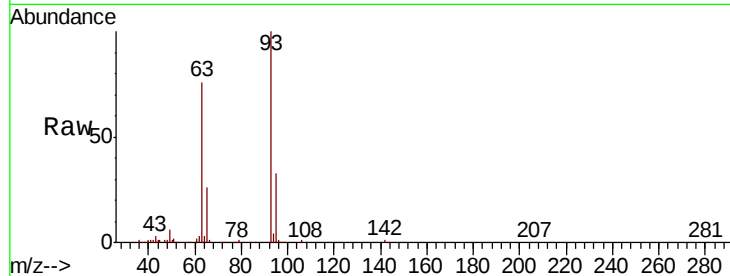
#11
bis(2-Chloroethyl)ether
Concen: 31.263 ng
RT: 7.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion:	93	Resp:	570870
Ion	Ratio	Lower	Upper
93	100		
63	76.2	57.0	97.0
95	32.6	12.4	52.4

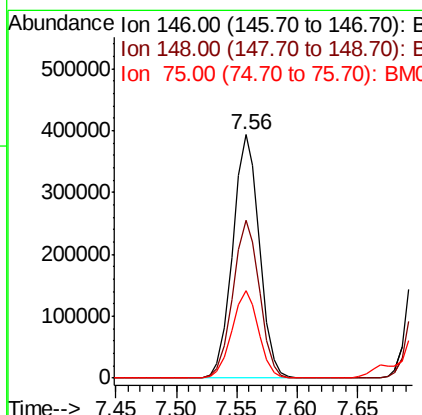
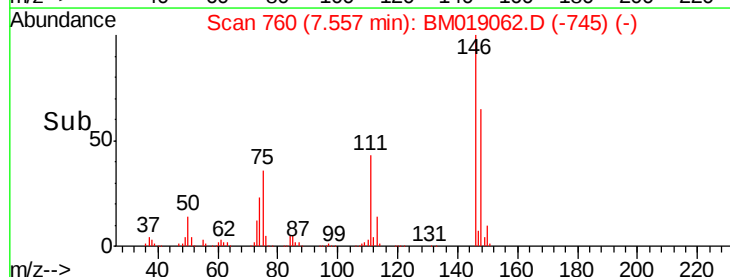
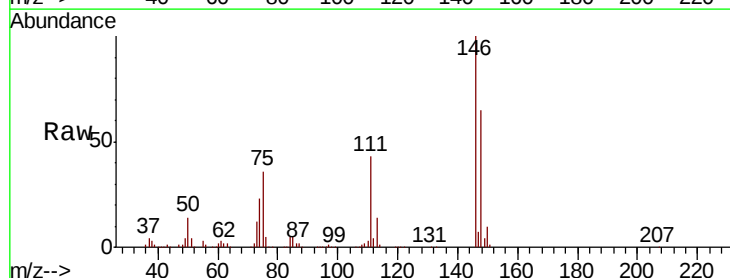
Manual Integrations
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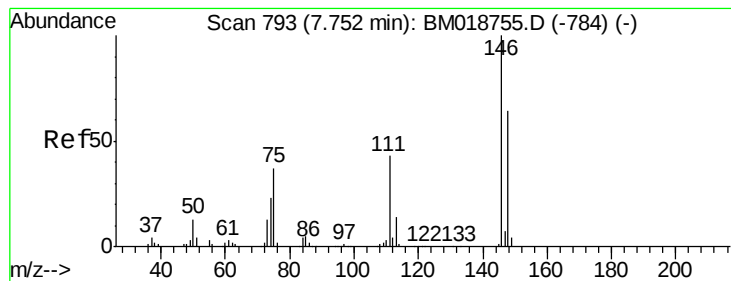
Sohil
3/6/2019 5:26:21 PM



#12
1,3-Dichlorobenzene
Concen: 30.371 ng
RT: 7.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion:	146	Resp:	605496
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	35.8	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 30.589 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

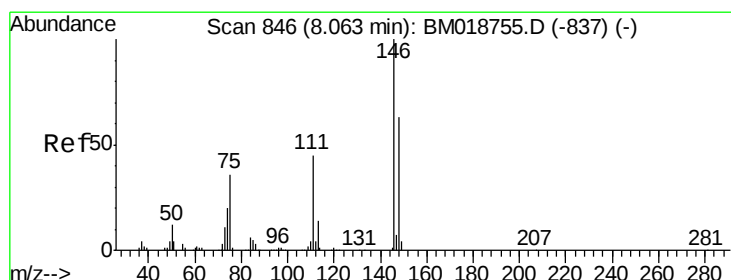
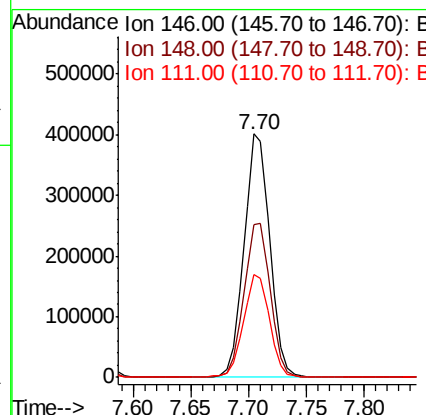
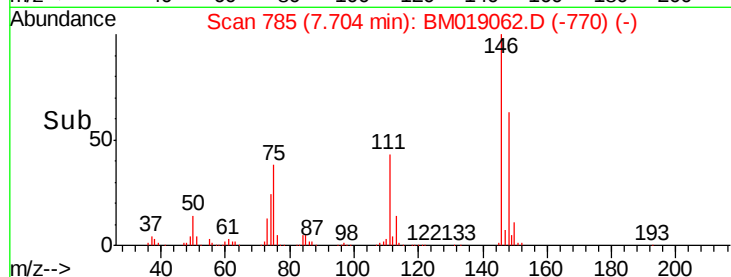
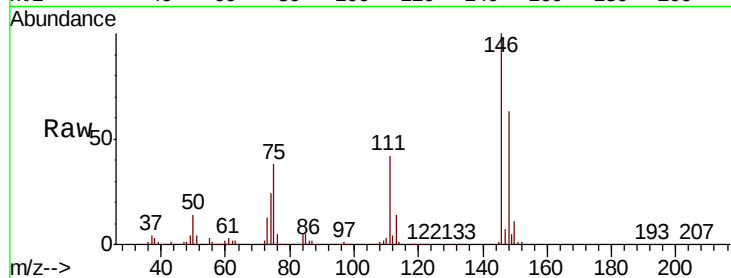
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	146	Resp:	620855
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.4	77.2
111	42.4	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 30.884 ng

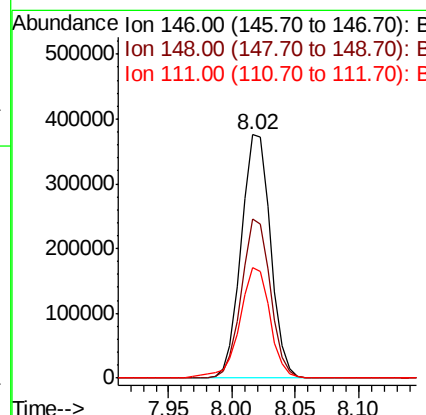
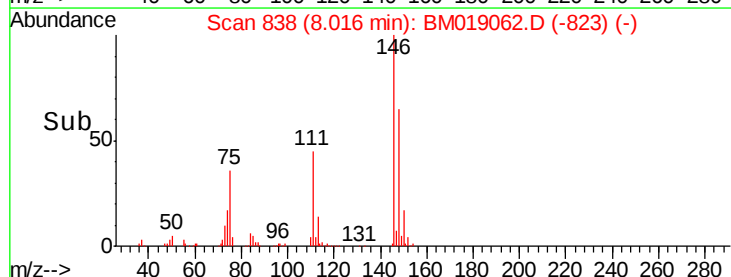
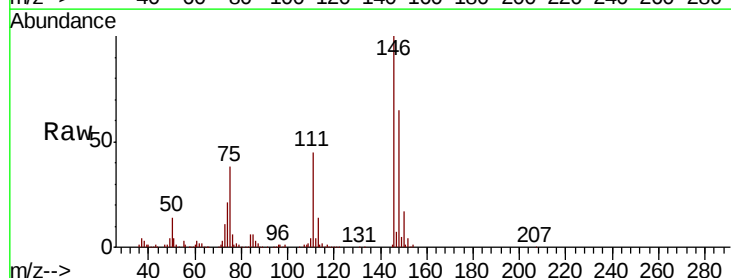
RT: 8.02 min Scan# 838

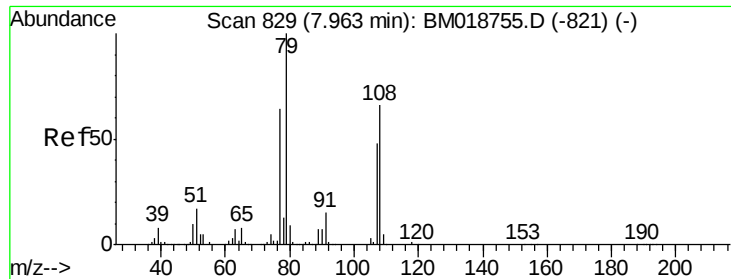
Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Tgt Ion:	146	Resp:	602105
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.7	76.1
111	45.3	35.9	53.9





#15

Benzyl Alcohol

Concen: 31.830 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

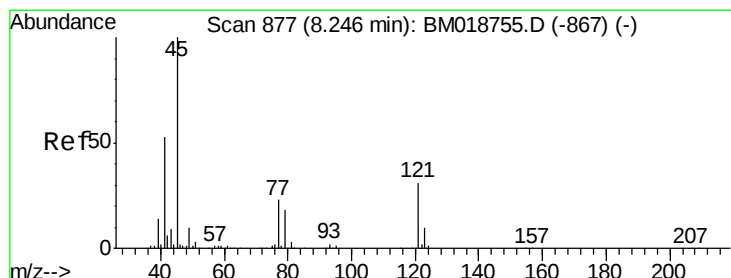
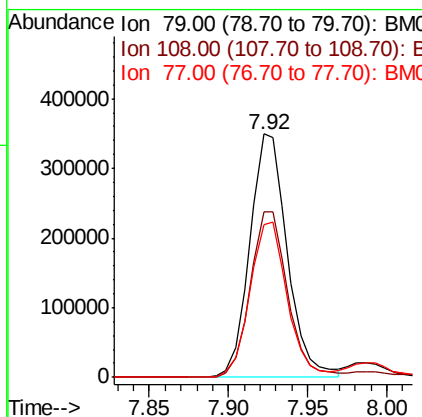
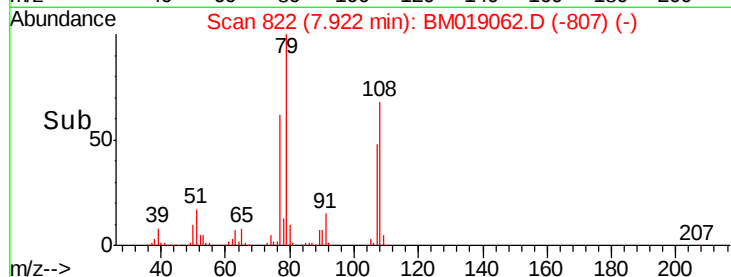
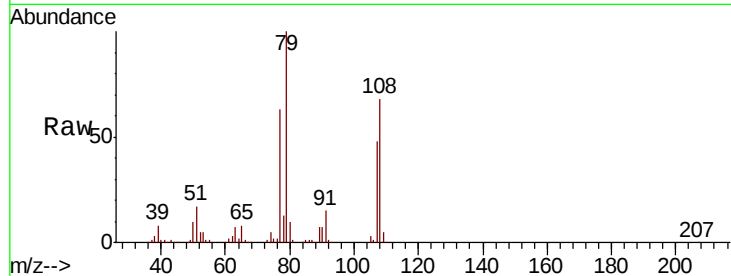
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	79	Resp:	575380
Ion Ratio	Lower	Upper	
79	100		
108	68.1	52.7	79.1
77	62.6	51.0	76.4

Manual Integrations
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3/6/2019 5:26:21 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.745 ng

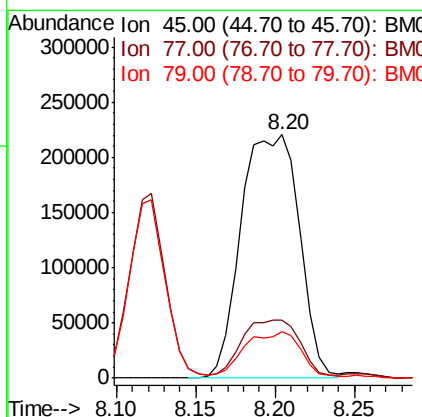
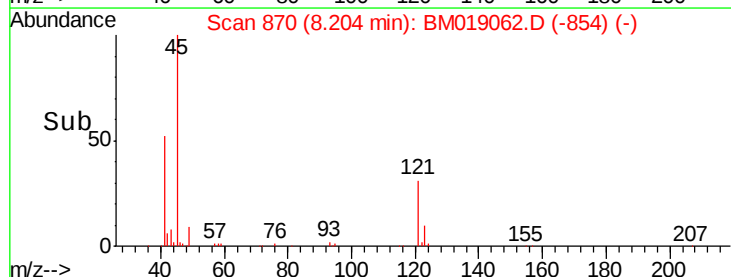
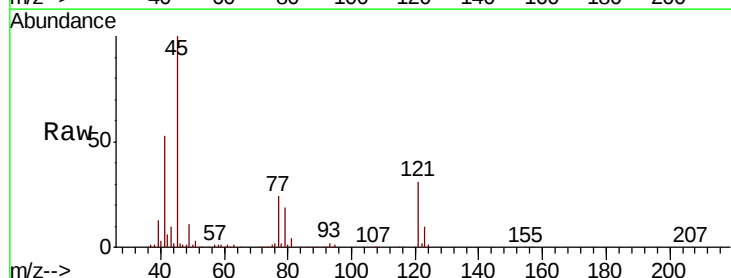
RT: 8.20 min Scan# 870

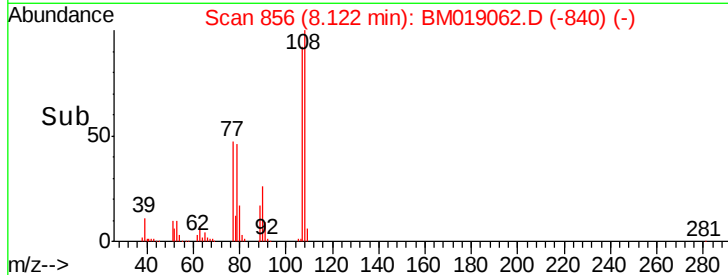
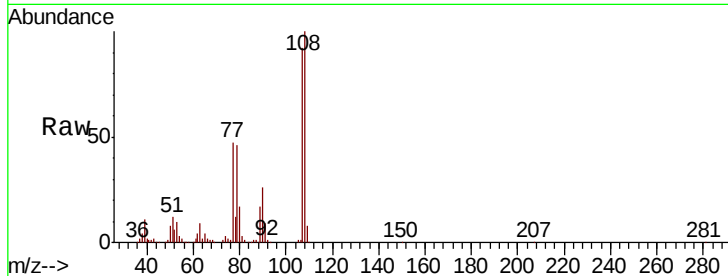
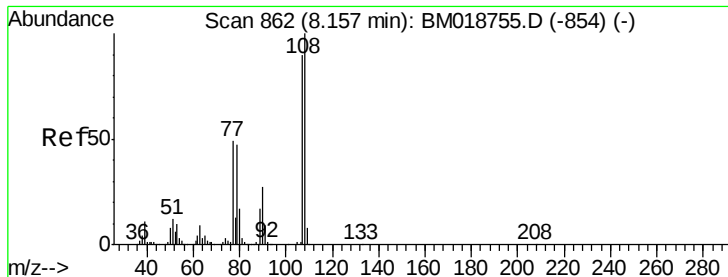
Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Tgt Ion:	45	Resp:	561026
Ion Ratio	Lower	Upper	
45	100		
77	23.8	5.0	45.0
79	19.0	0.0	39.3





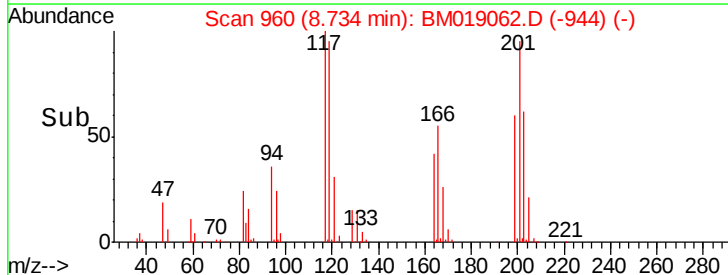
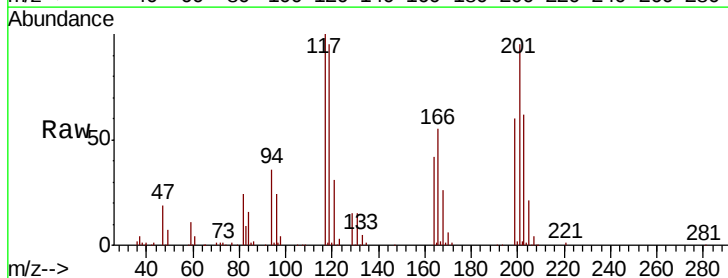
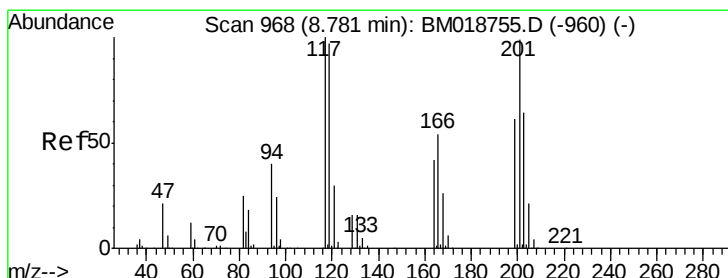
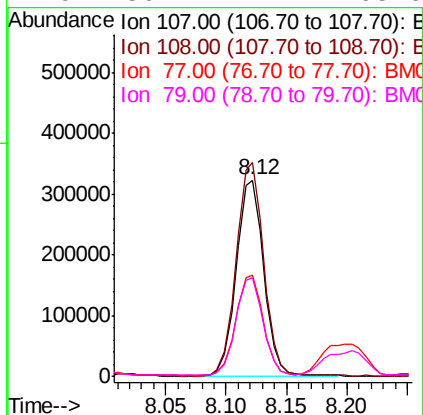
#17
2-Methylphenol
Concen: 33.507 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tot Ion:	107	Resp:	510494
Ion Ratio	Lower	Upper	
107	100		
108	108.9	88.8	133.2
77	51.7	44.0	66.0
79	50.1	42.4	63.6

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

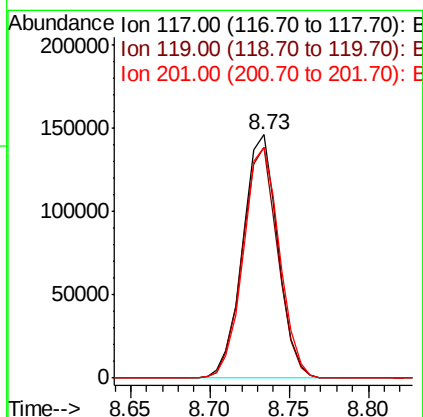
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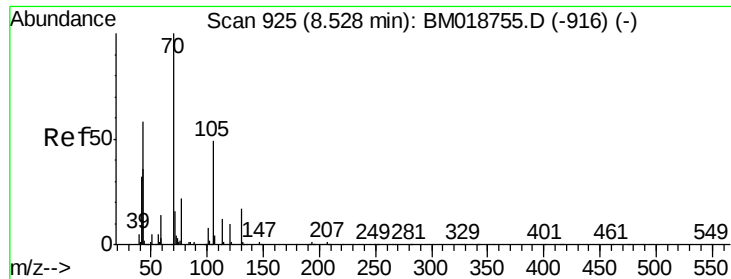
Sohil
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#18
Hexachloroethane
Concen: 30.400 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion:	117	Resp:	225240
Ion Ratio	Lower	Upper	
117	100		
119	94.6	77.9	116.9
201	95.0	79.2	118.8





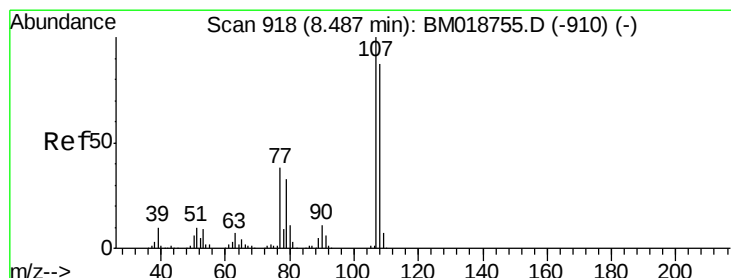
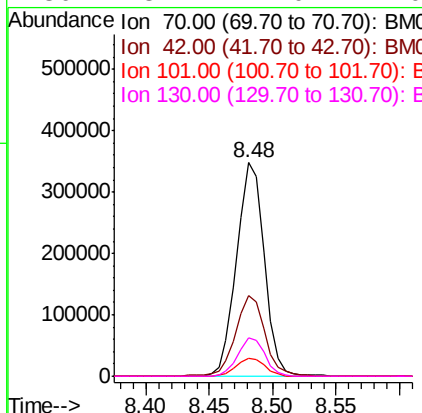
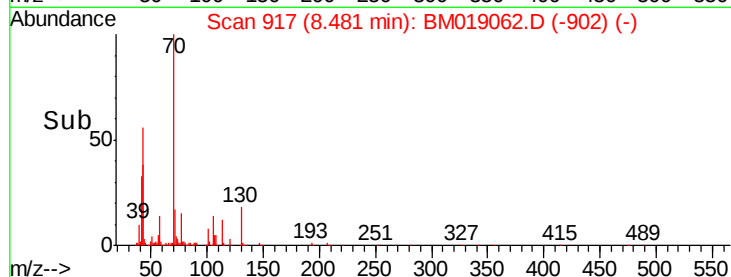
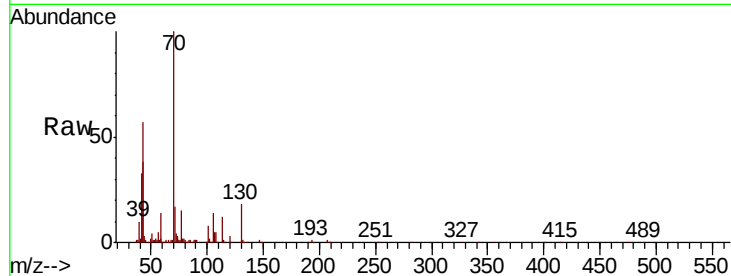
#19
n-Nitroso-di-n-propylamine
Concen: 30.042 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.6	29.4	44.0	
101	8.2	6.7	10.1	
130	18.2	14.0	21.0	

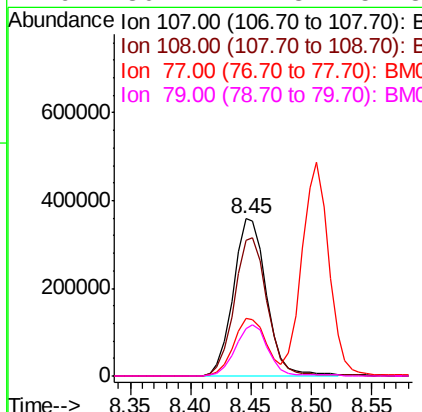
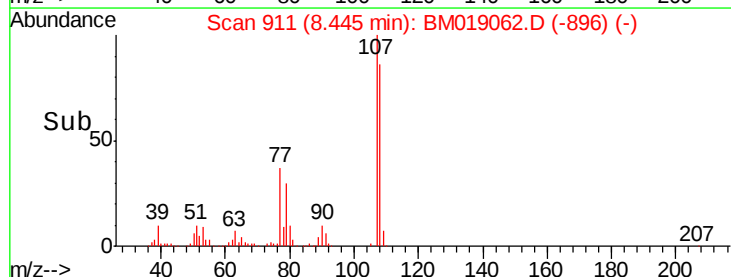
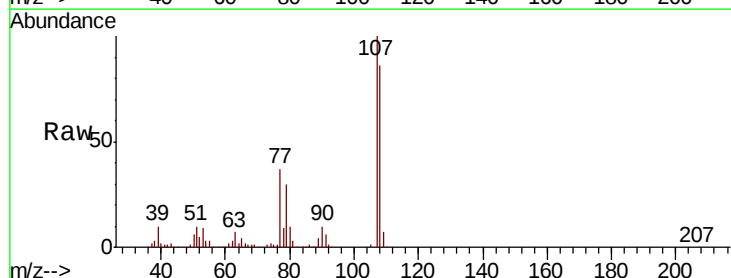
Manual Integrations
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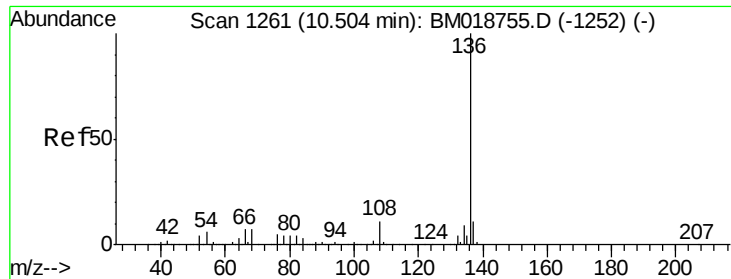
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#20
3+4-Methylphenols
Concen: 32.640 ng
RT: 8.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	67.3	107.3	
77	36.8	18.0	58.0	
79	30.1	12.8	52.8	





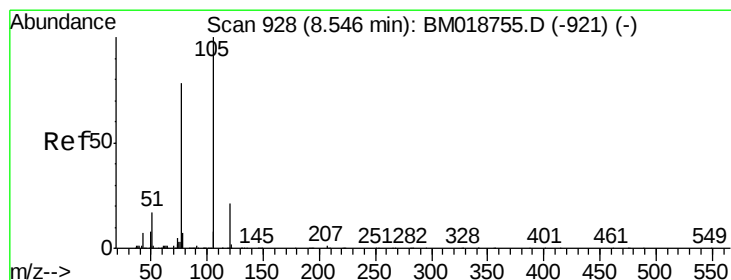
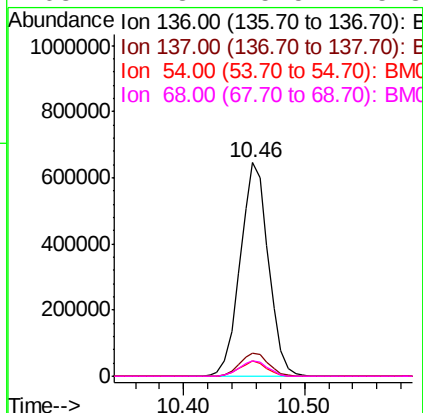
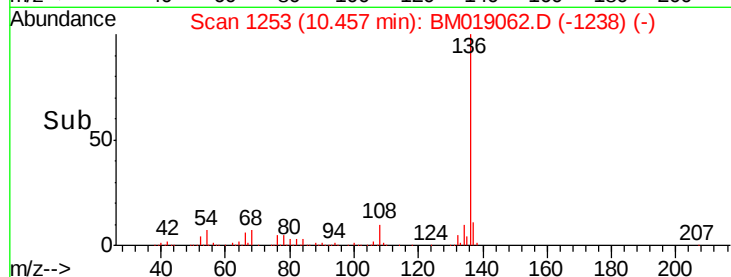
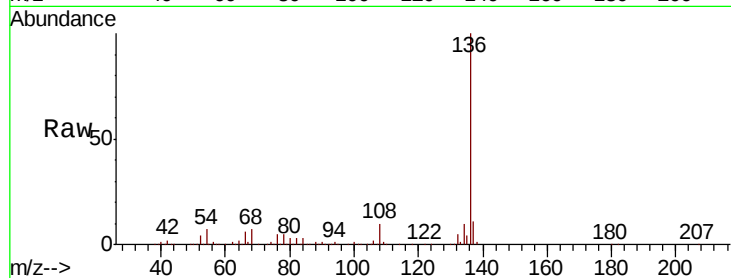
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.0	7.6
68	7.3	5.5	8.3

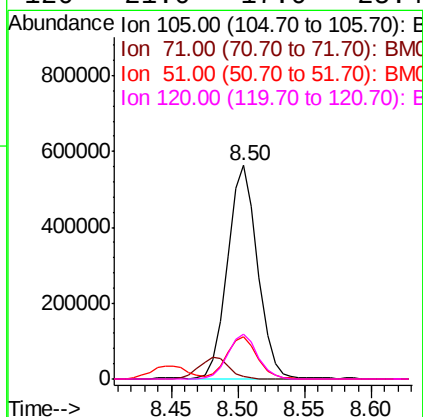
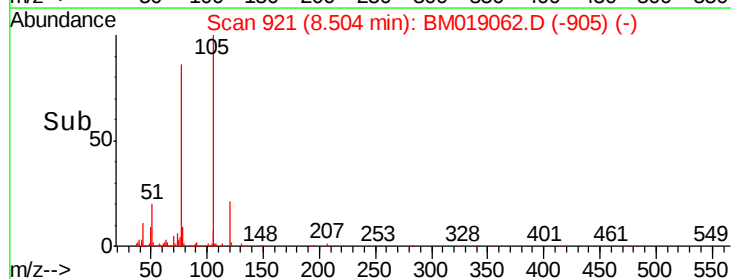
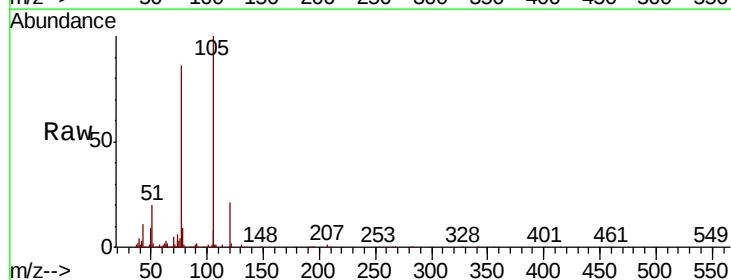
Manual Integrations
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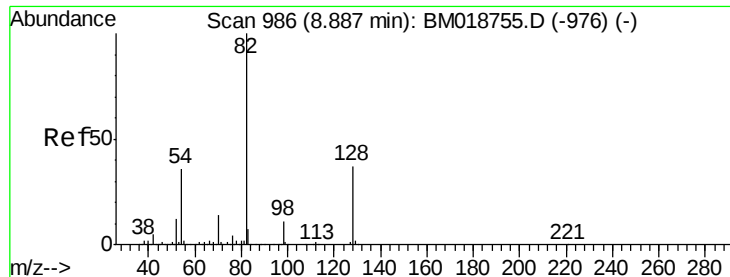
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#22
Acetophenone
Concen: 30.553 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.1	1.7#
51	19.8	15.5	23.3
120	21.0	17.0	25.4





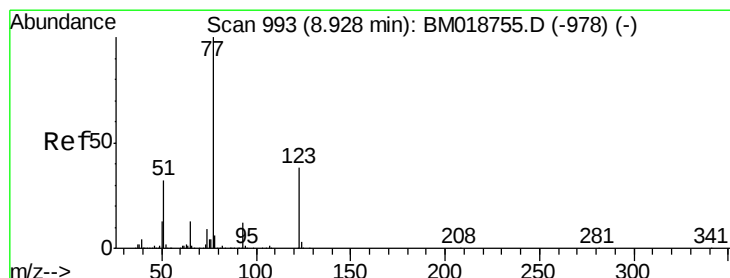
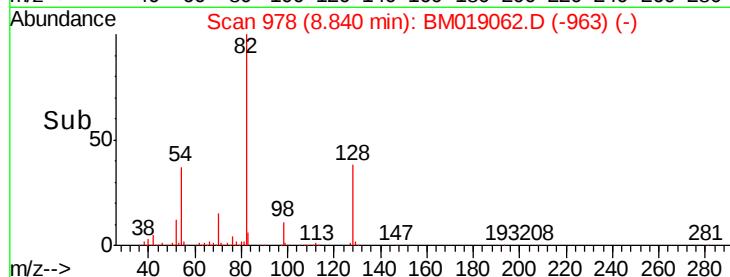
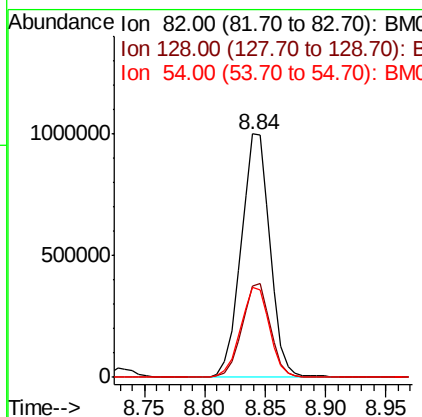
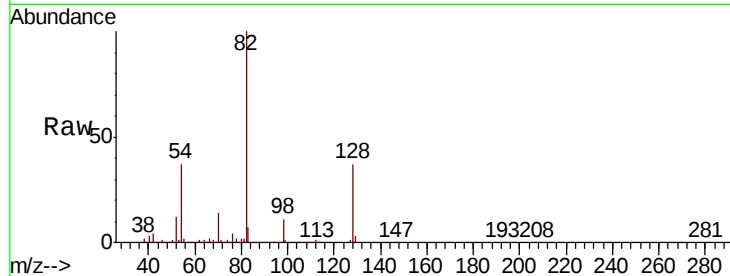
#23
 Nitrobenzene-d5
 Concen: 73.636 ng
 RT: 8.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.9	44.9
54	37.2	29.1	43.7

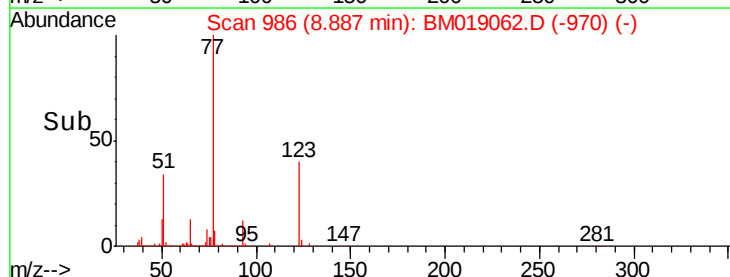
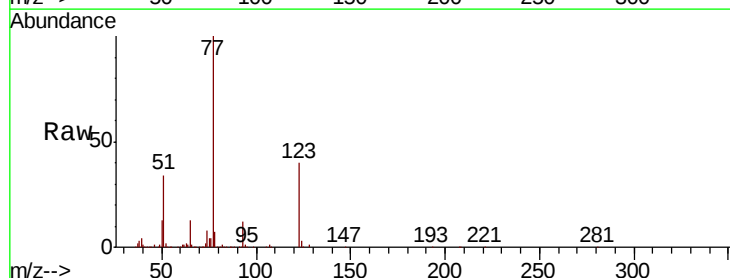
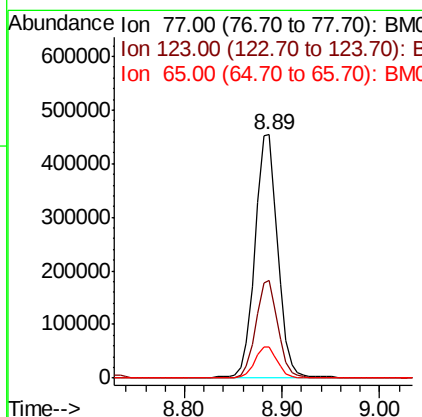
Manual Integrations
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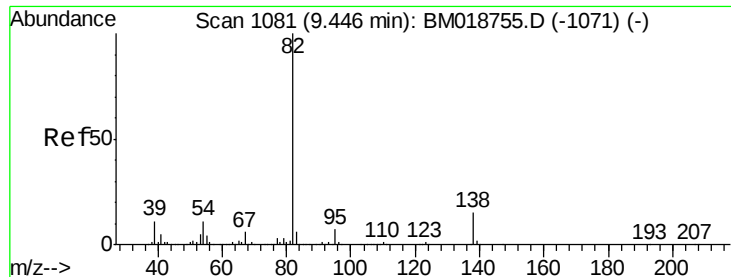
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#24
 Nitrobenzene
 Concen: 31.876 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	30.7	46.1
65	12.7	10.5	15.7





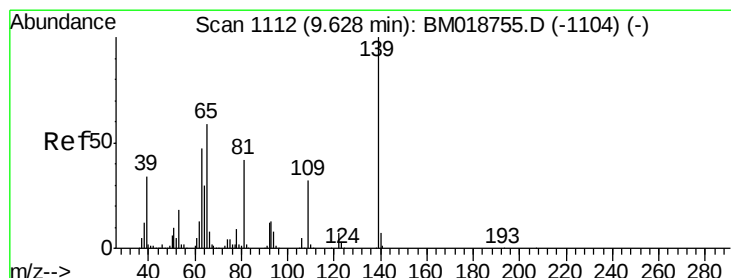
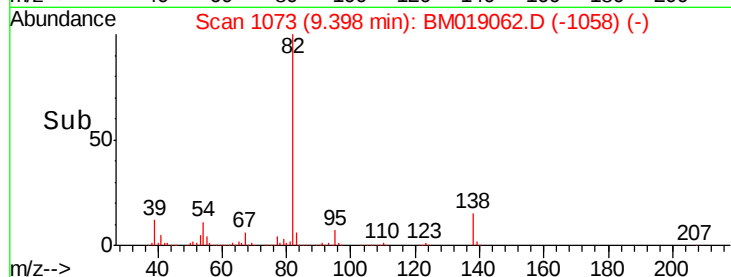
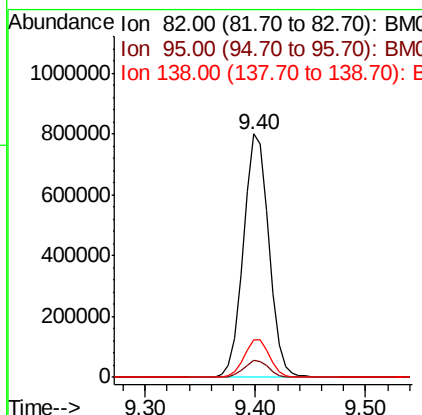
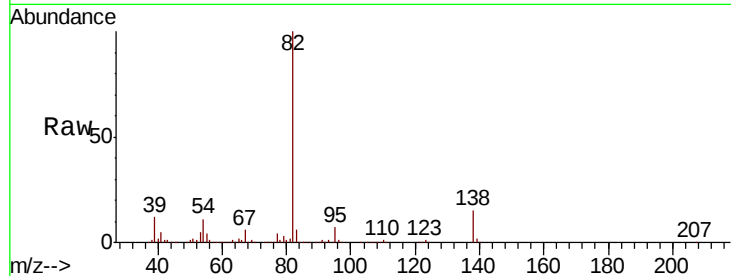
#25
Isophorone
Concen: 36.037 ng
RT: 9.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion: 82 Resp: 1305252
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 15.4 12.3 18.5

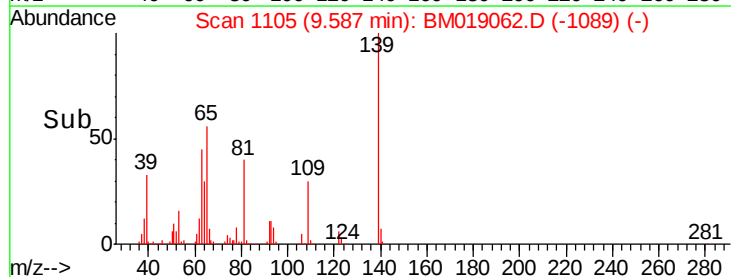
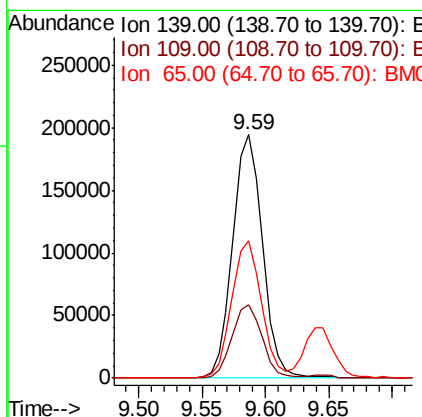
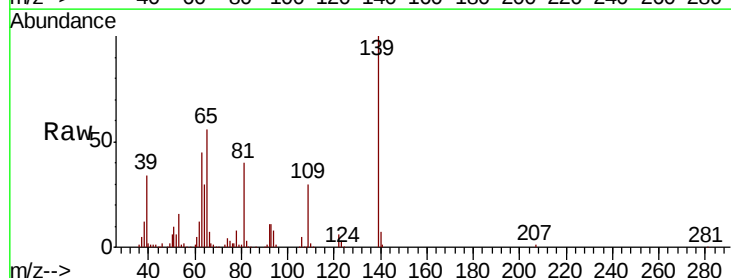
Manual Integrations
APPROVED

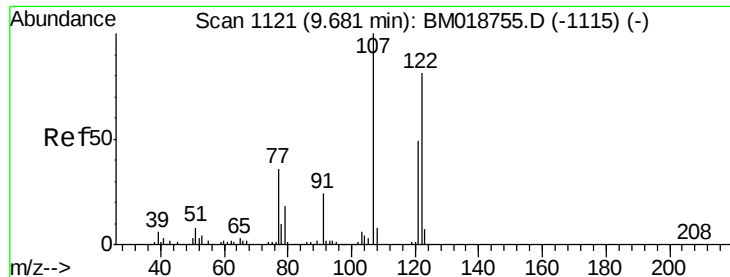
Sohil
3/6/2019 5:26:21 PM



#26
2-Nitrophenol
Concen: 33.868 ng
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion: 139 Resp: 317792
Ion Ratio Lower Upper
139 100
109 30.1 25.2 37.8
65 56.3 47.0 70.4





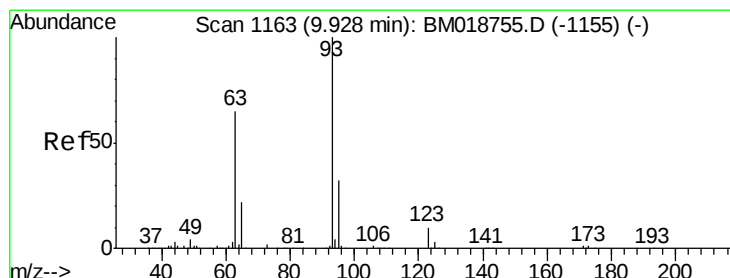
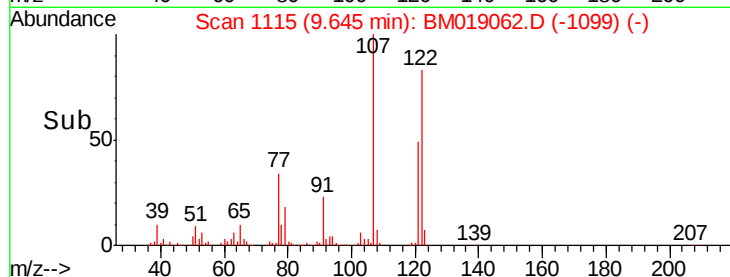
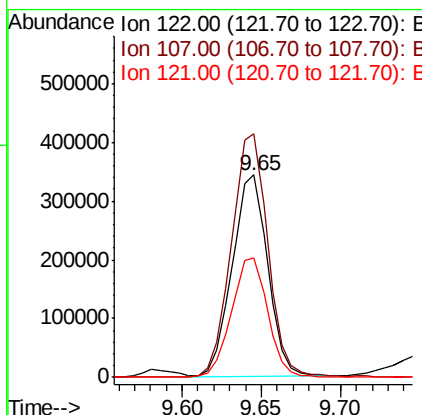
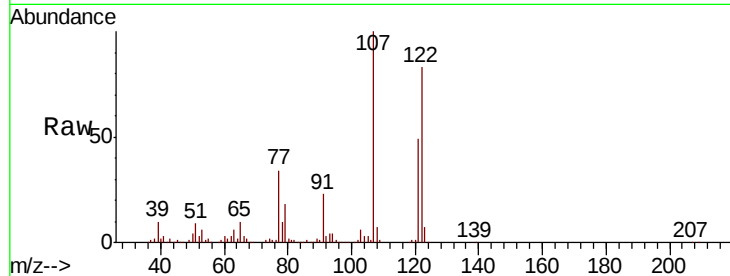
#27
2,4-Dimethylphenol
Concen: 38.873 ng
RT: 9.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	97.6	146.4
121	59.1	47.9	71.9

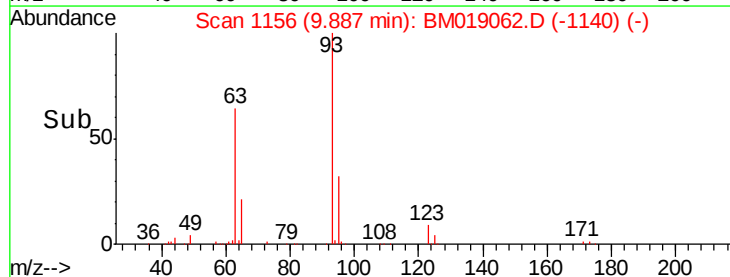
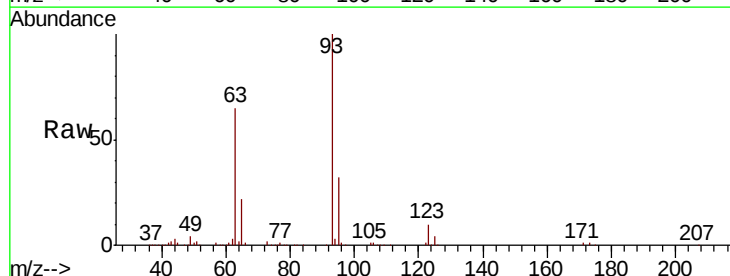
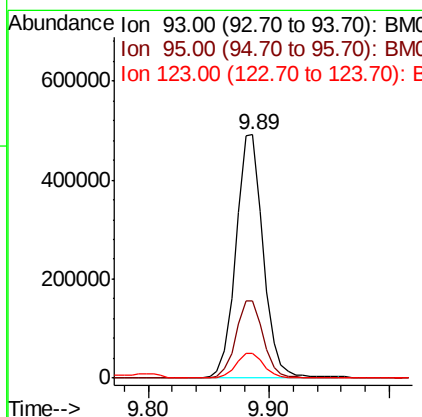
Manual Integrations
APPROVED

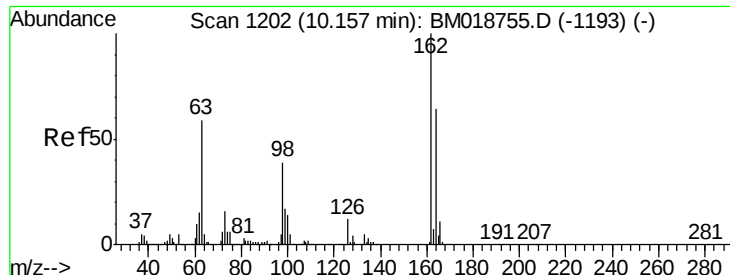
Sohil
3/6/2019 5:26:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 33.200 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.6	38.4
123	10.2	8.2	12.4





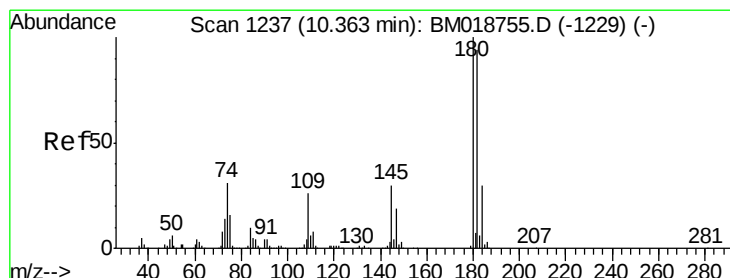
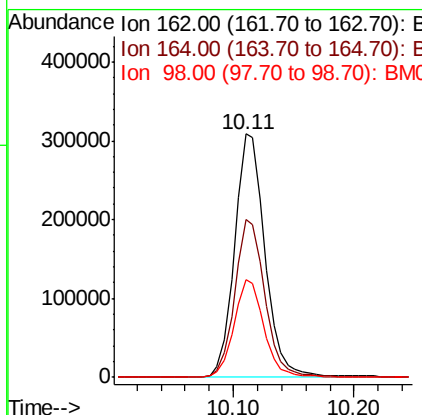
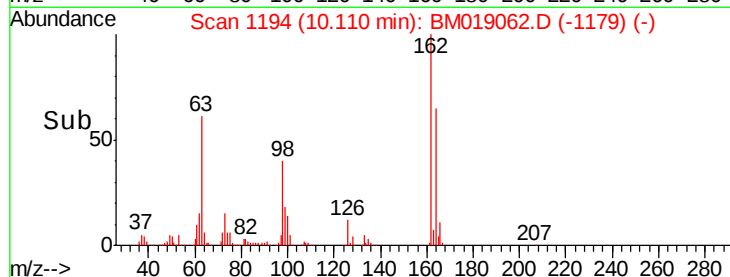
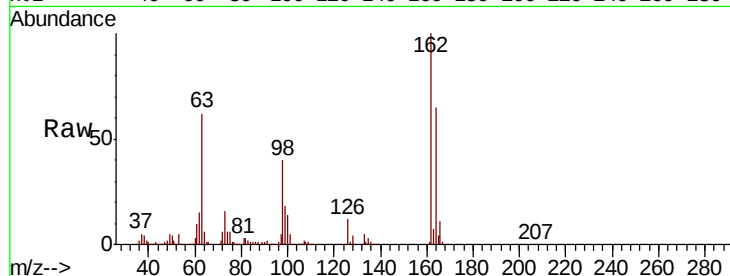
#29
2,4-Dichlorophenol
Concen: 34.421 ng
RT: 10.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	44.1	84.1	
98	40.3	19.4	59.4	

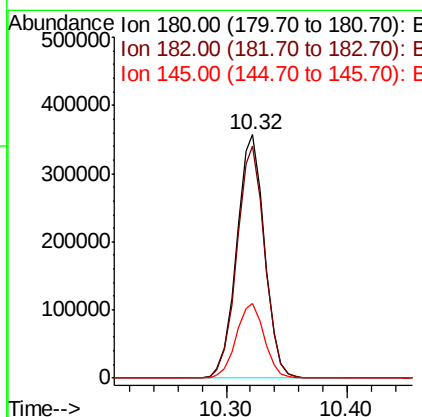
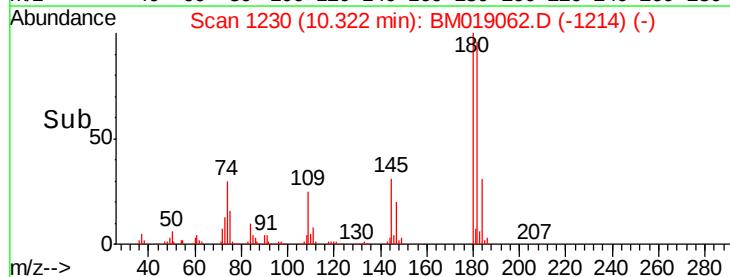
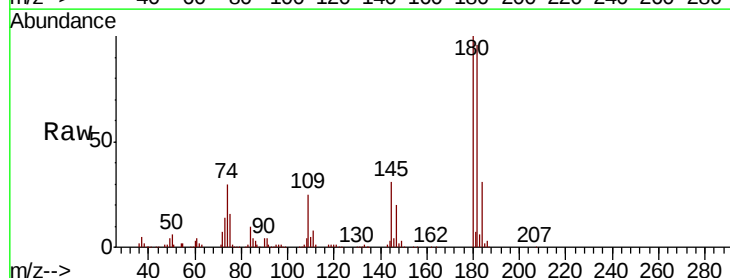
Manual Integrations
APPROVED

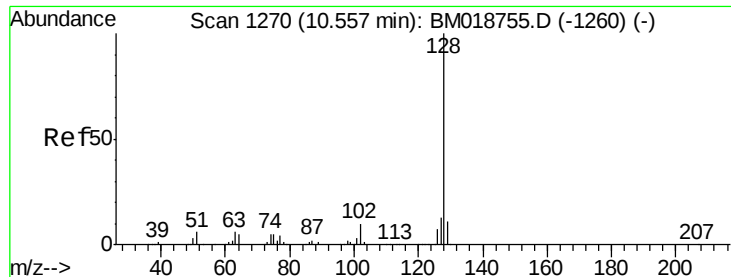
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#30
1,2,4-Trichlorobenzene
Concen: 31.519 ng
RT: 10.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	75.0	112.6	
145	30.7	24.1	36.1	





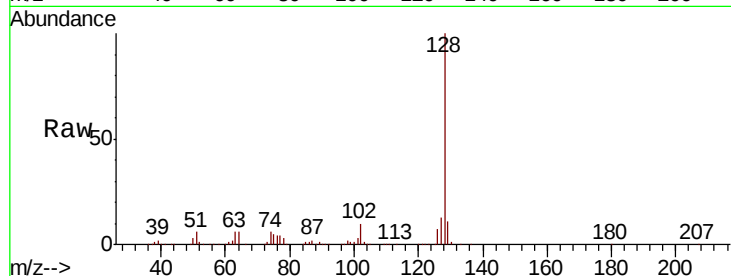
#31
Naphthalene
Concen: 34.121 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.1	10.7	16.1

Manual Integrations
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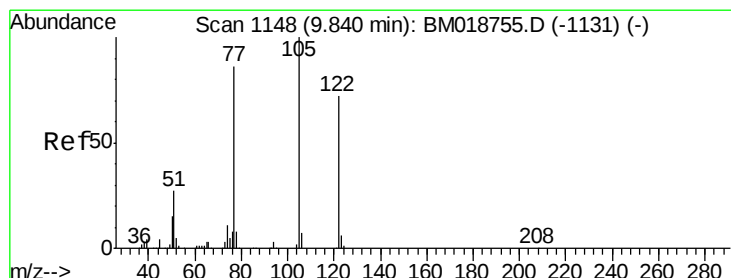
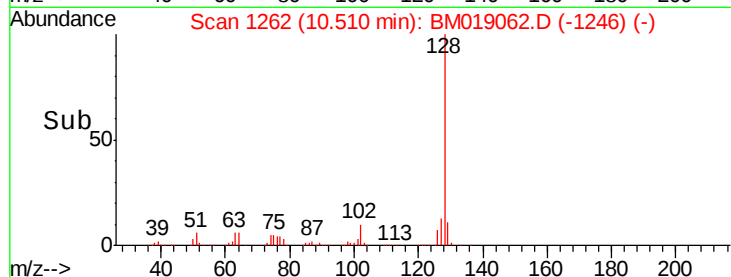
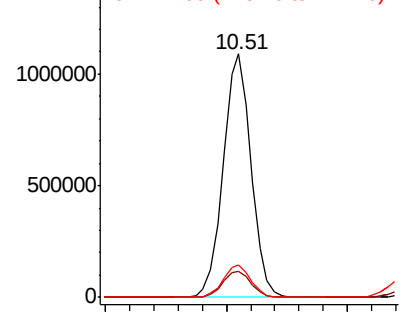


Abundance

Ion 128.00 (127.70 to 128.70): E

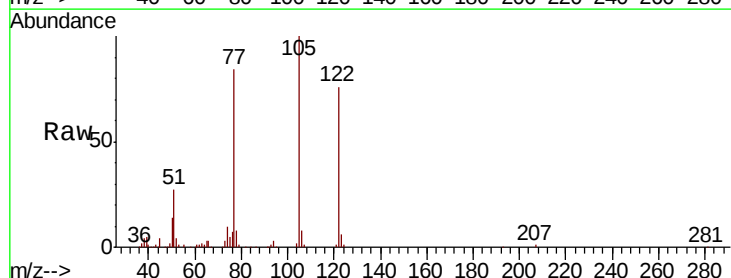
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.530 ng m
RT: 9.80 min Scan# 1141
Delta R.T. -0.04 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	117.5	157.5
77	110.2	98.5	138.5

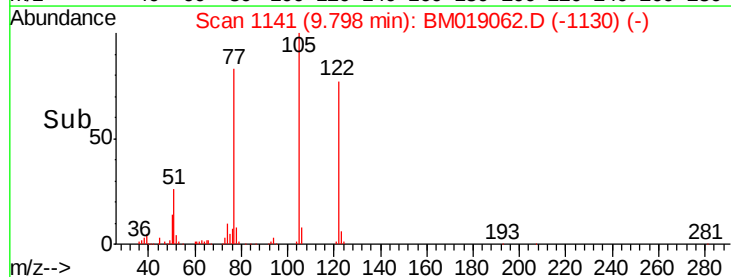
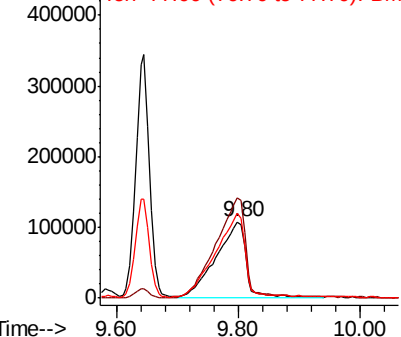


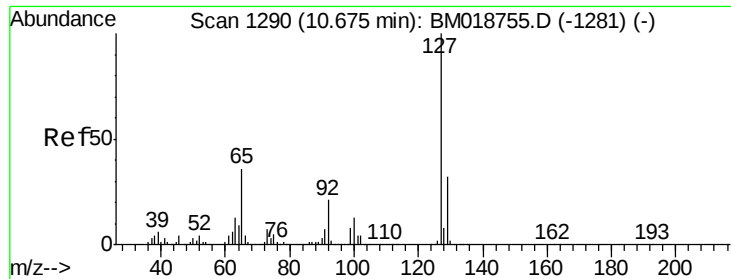
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





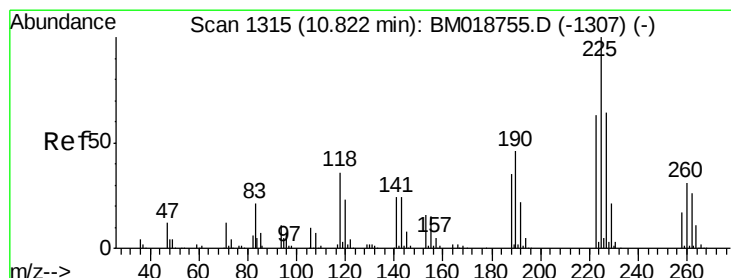
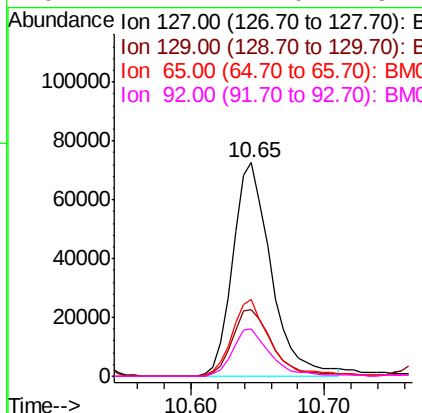
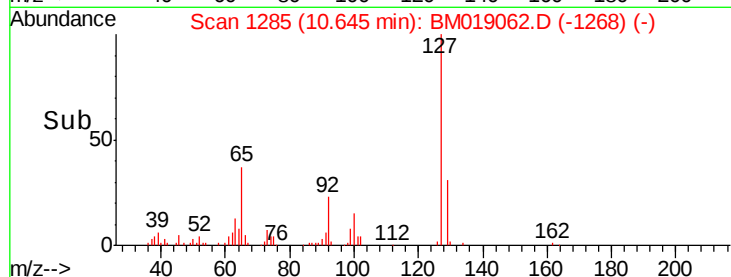
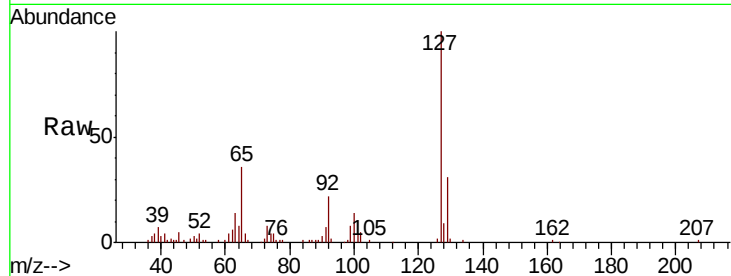
#33
4-Chloroaniline
Concen: 6.331 ng
RT: 10.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.7	38.5		
65	36.0	28.7	43.1		
92	22.4	17.0	25.4		

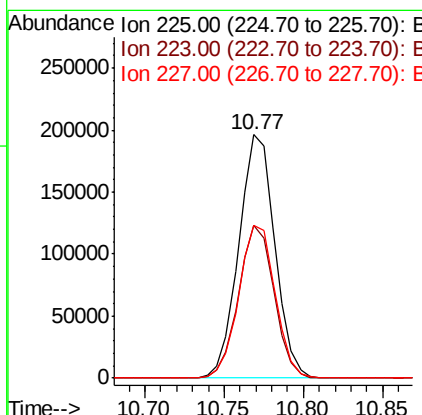
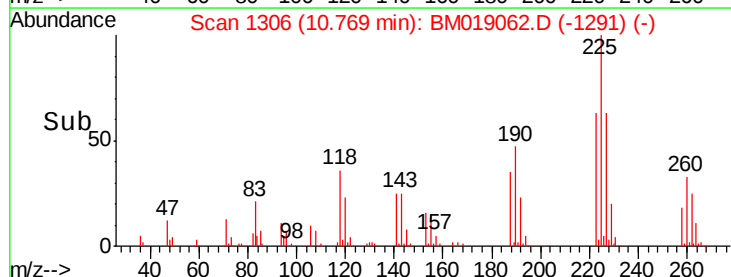
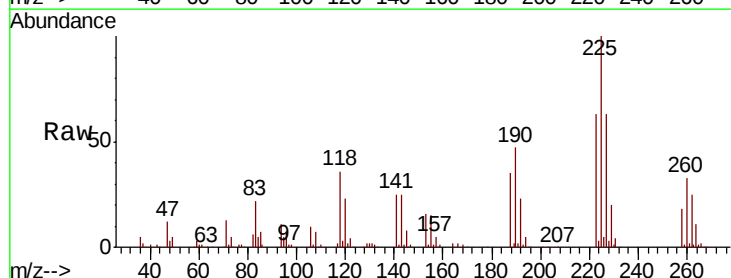
Manual Integrations
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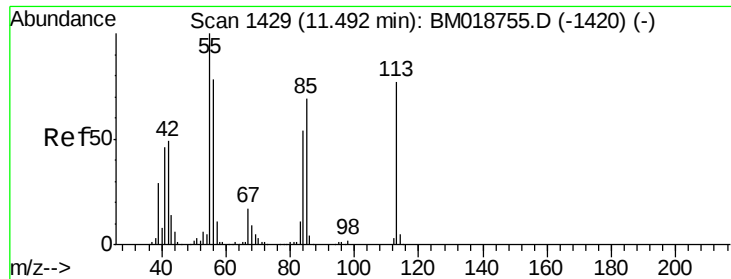
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#34
Hexachlorobutadiene
Concen: 29.298 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.1	75.1		
227	62.8	51.4	77.0		





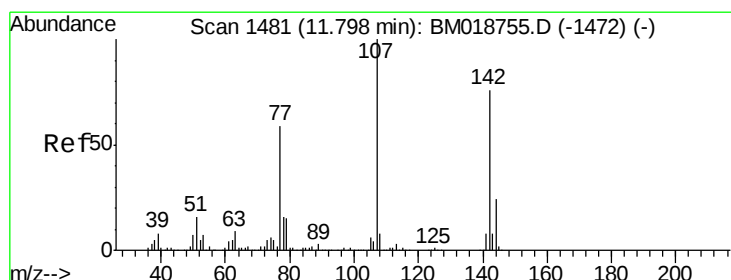
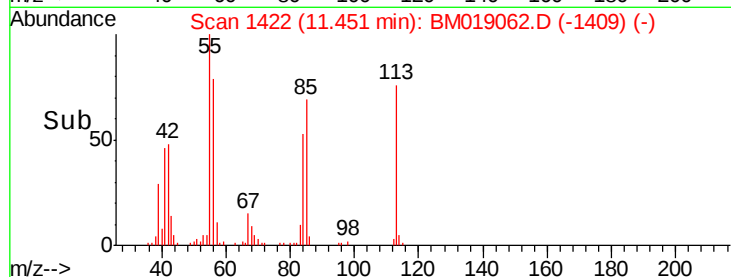
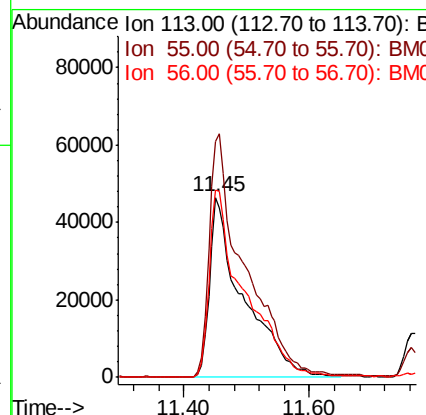
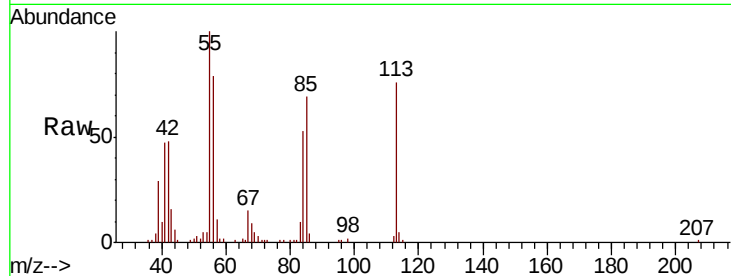
#35
 Caprolactam
 Concen: 27.078 ng/ml
 RT: 11.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	131.5	110.7	150.7
56	104.0	82.4	122.4

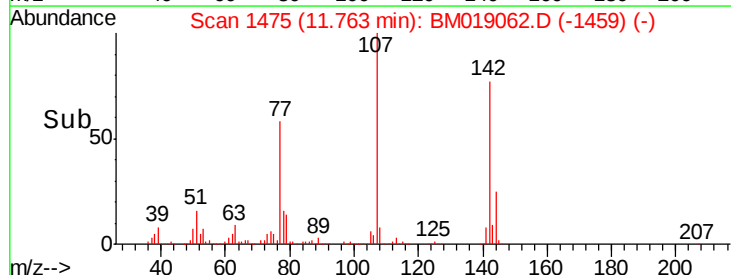
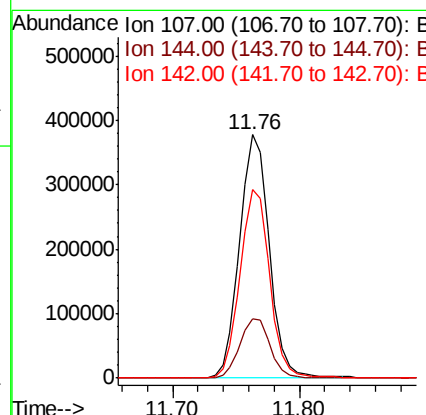
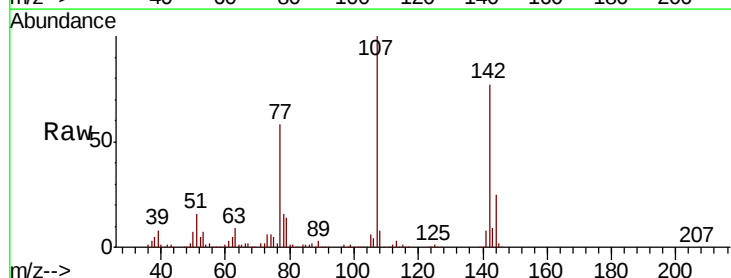
Manual Integrations
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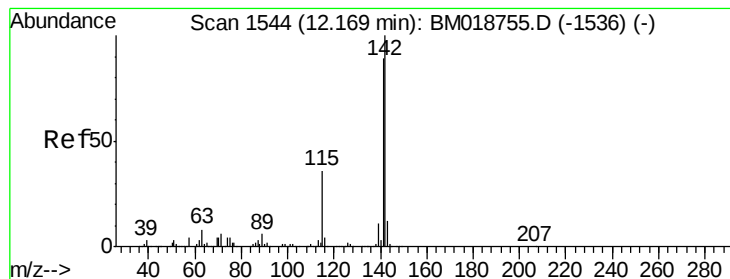
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#36
 4-Chloro-3-methylphenol
 Concen: 32.274 ng/ml
 RT: 11.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.3	28.9
142	77.3	60.5	90.7





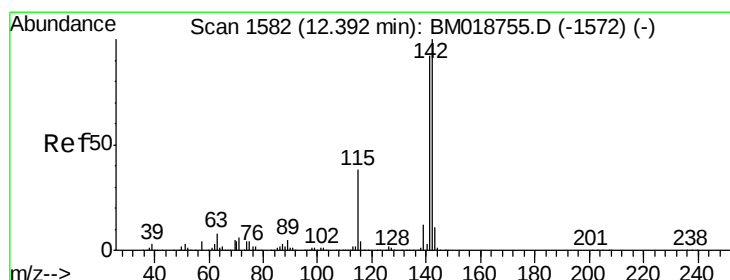
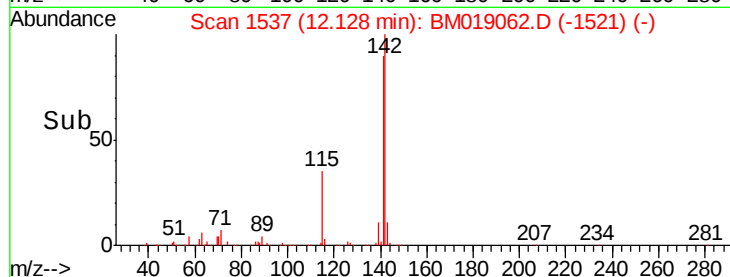
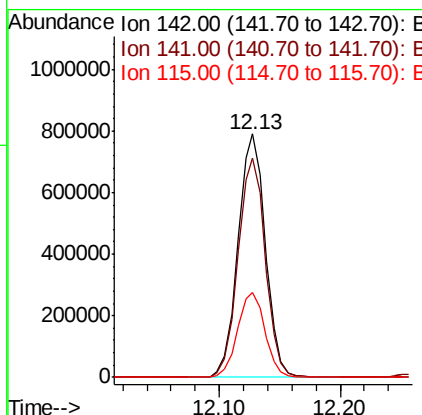
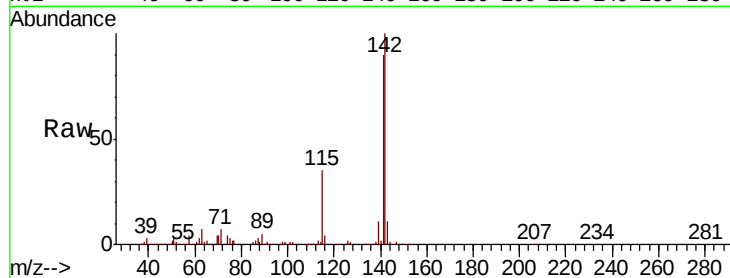
#37
2-Methylnaphthalene
Concen: 34.629 ng
RT: 12.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.2	106.8
115	34.9	29.1	43.7

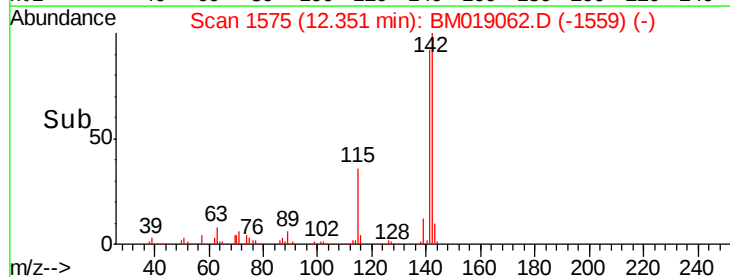
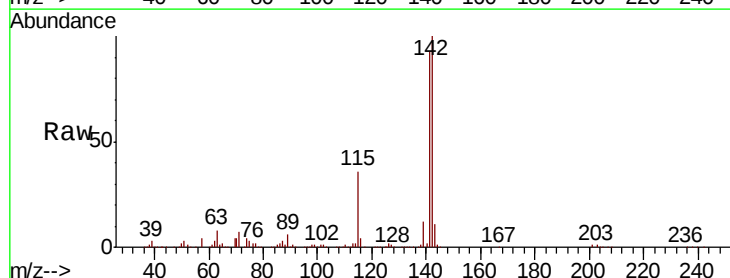
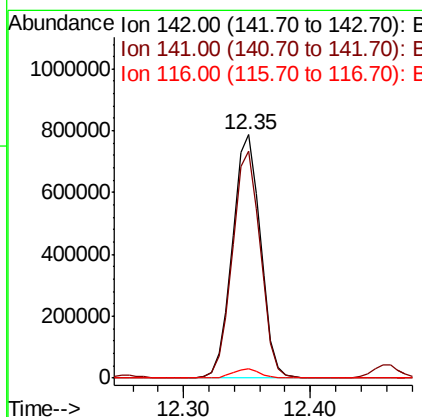
Manual Integrations
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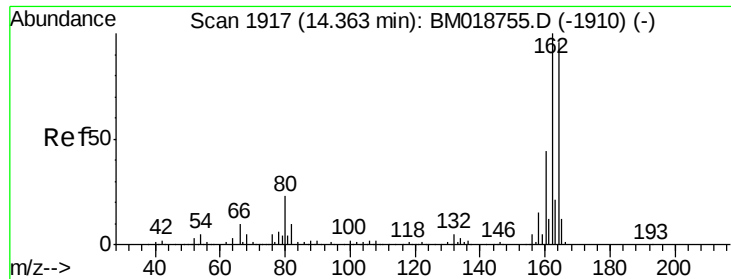
Sohil
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#38
1-Methylnaphthalene
Concen: 33.958 ng
RT: 12.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.9	110.9
116	3.8	3.0	4.4





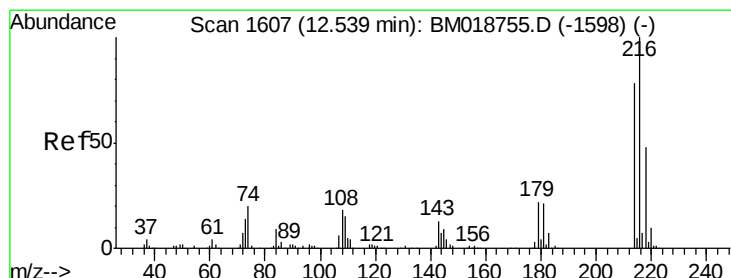
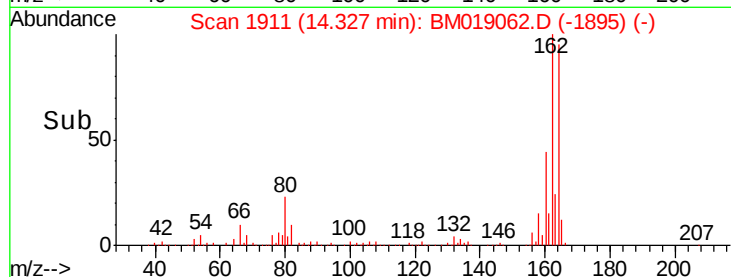
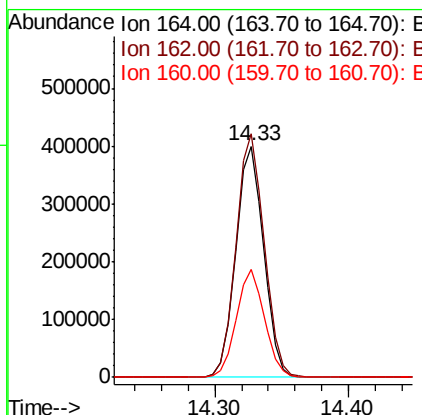
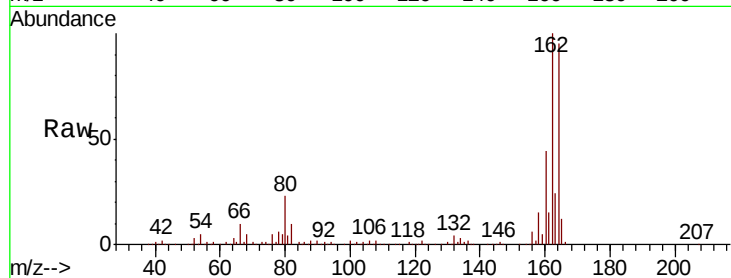
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.4	125.0
160	46.5	36.6	55.0

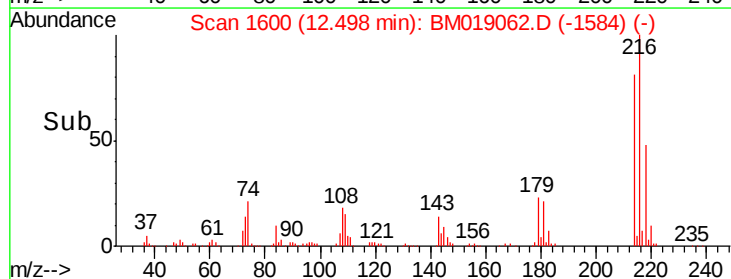
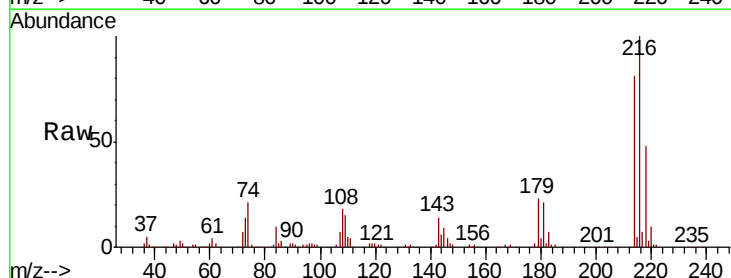
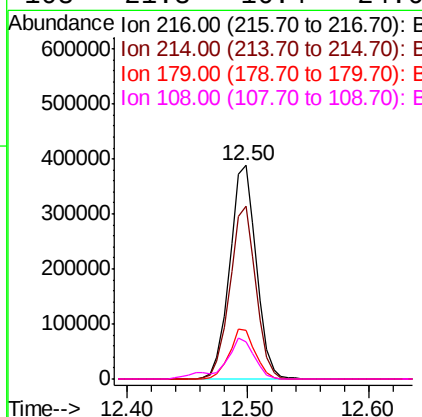
Manual Integrations
APPROVED

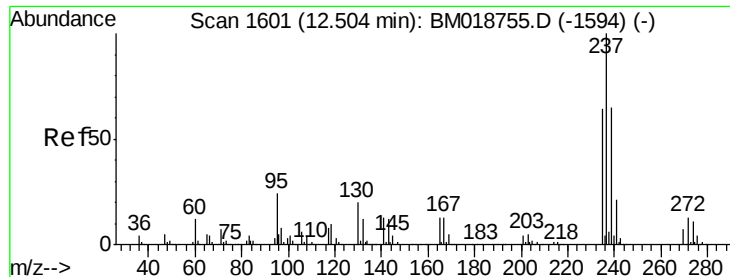
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.112 ng
RT: 12.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	22.7	17.8	26.8
108	21.3	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 52.393 ng

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

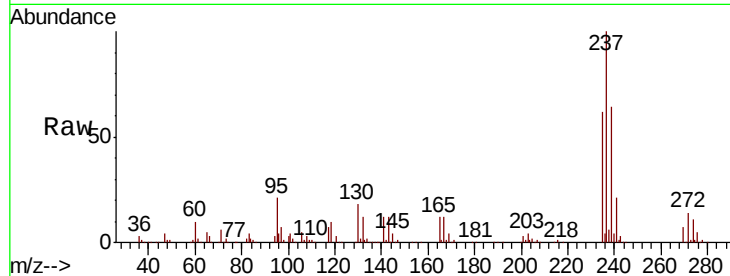
ClientSampleId :

EXT-028-SW002-022719MS

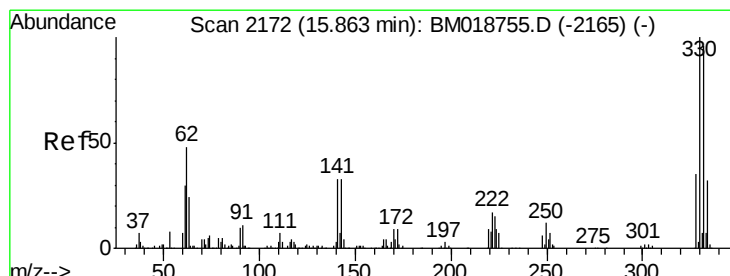
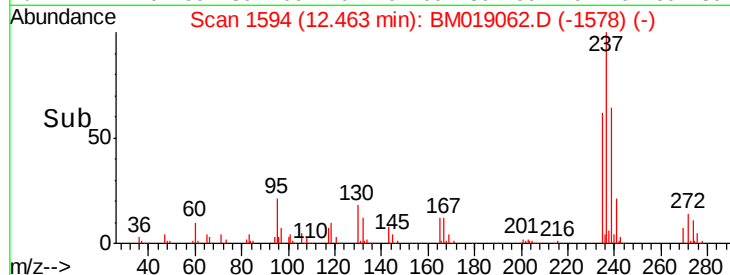
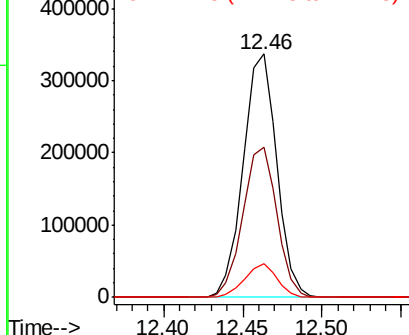
Tot Ion:	237	Resp:	495375
Ion Ratio	Lower	Upper	
237	100		
235	61.8	43.7	83.7
272	13.6	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 124.308 ng

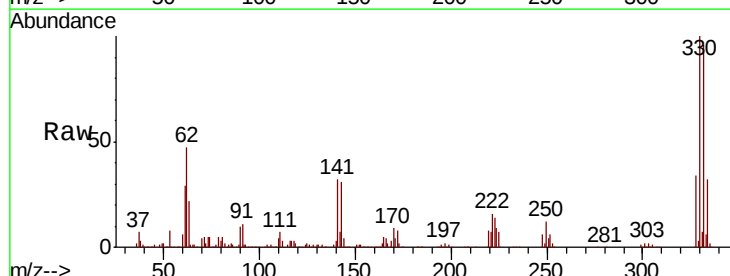
RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

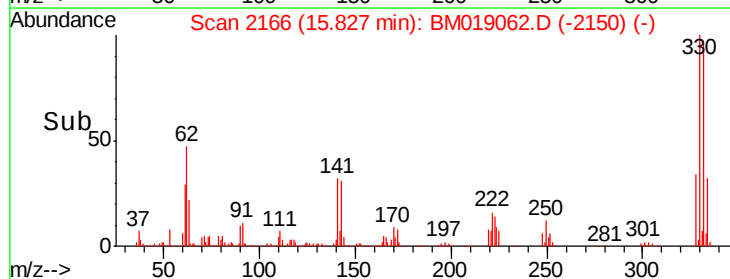
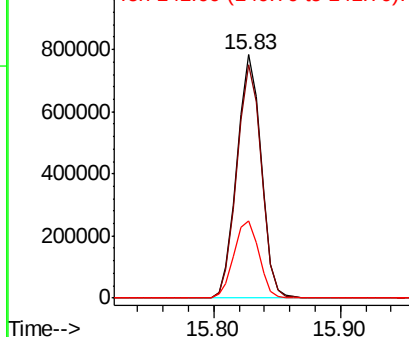
Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Tgt Ion:	330	Resp:	1035879
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.9	115.3
141	32.9	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: 35.018 ng

RT: 12.75 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

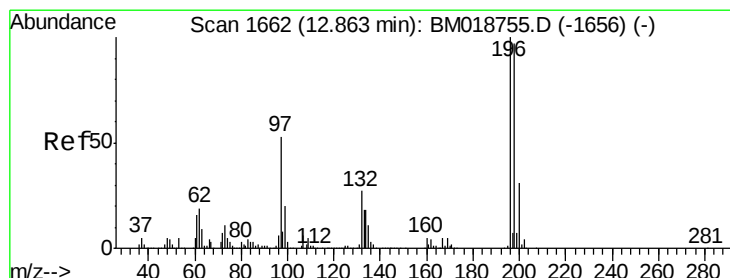
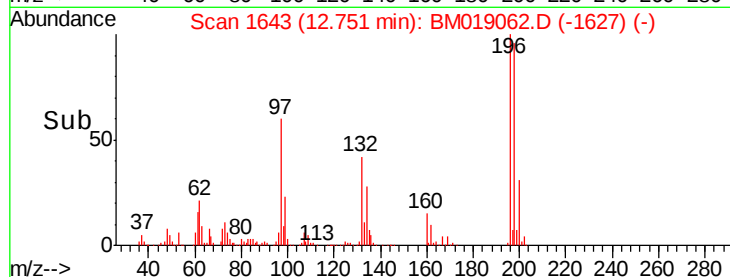
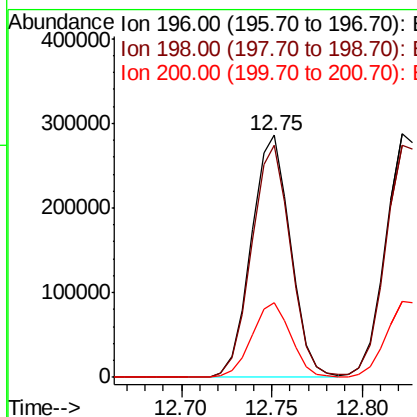
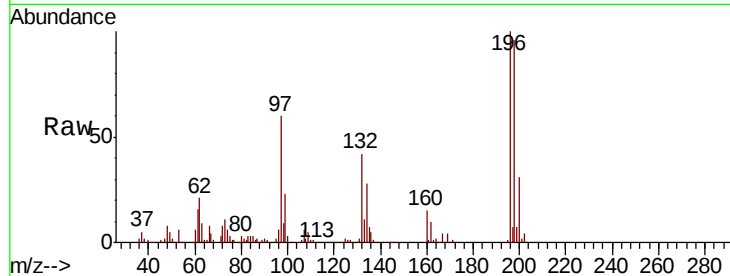
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	196	Resp:	428704
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.2	114.2
200	30.8	24.2	36.2

Manual Integrations
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3/6/2019 5:26:21 PM



#44

2,4,5-Trichlorophenol

Concen: 35.542 ng

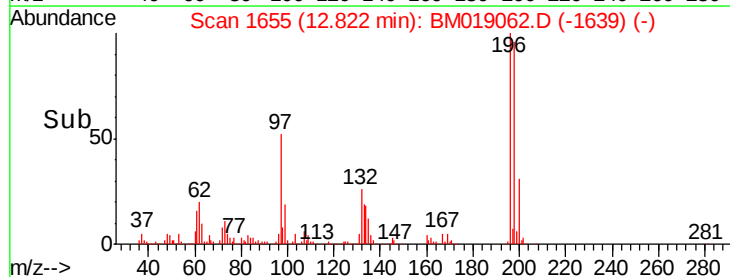
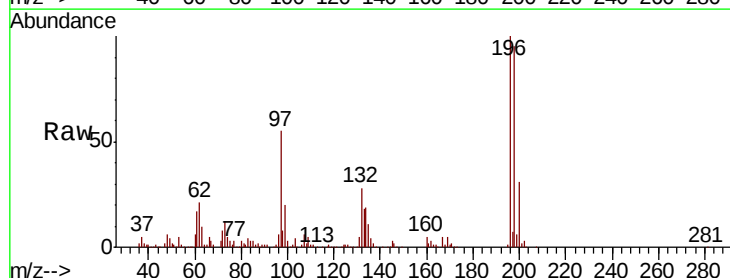
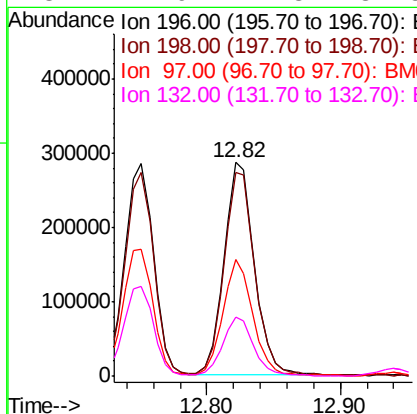
RT: 12.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Tgt Ion:	196	Resp:	456058
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.6	116.4
97	54.5	42.8	64.2
132	27.9	21.8	32.8





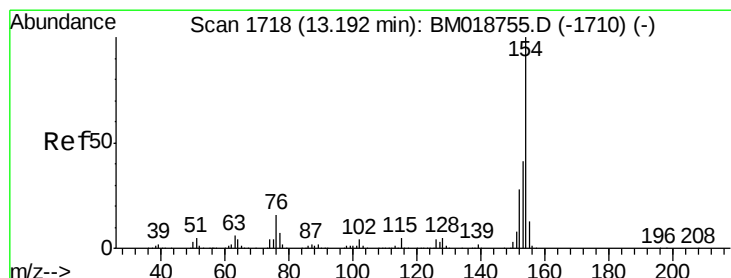
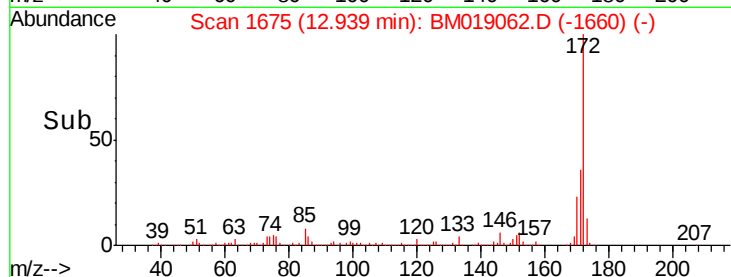
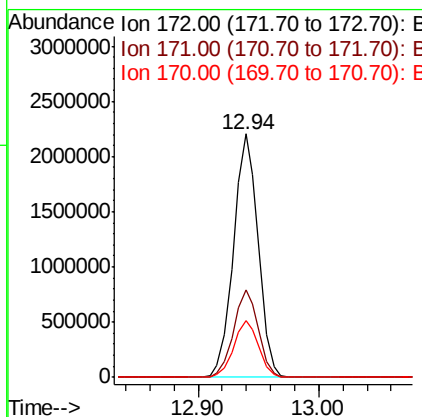
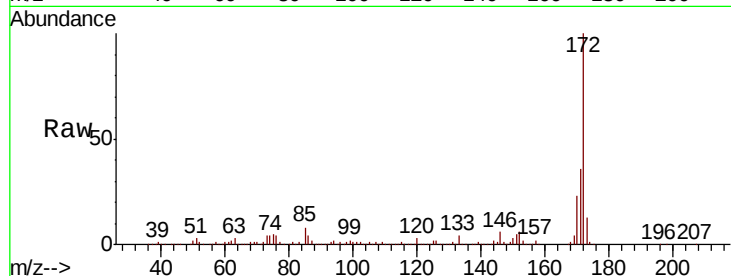
#45
2-Fluorobiphenyl
Concen: 71.834 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.3	18.6	28.0

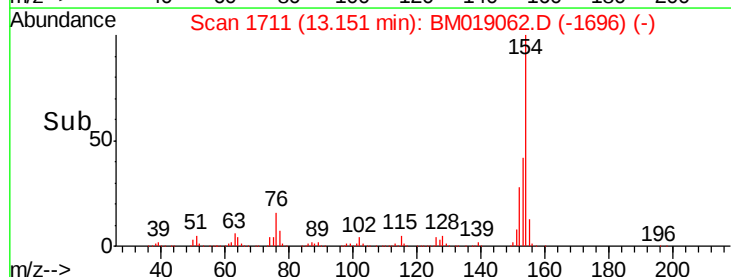
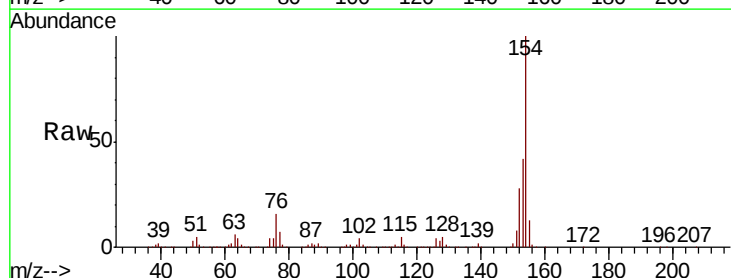
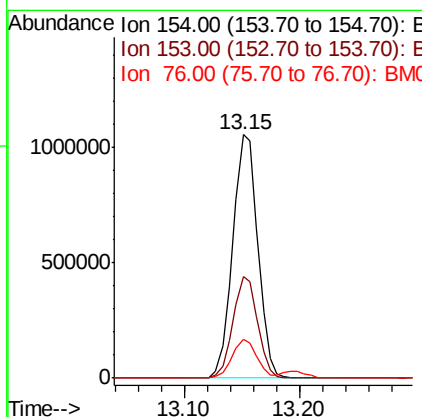
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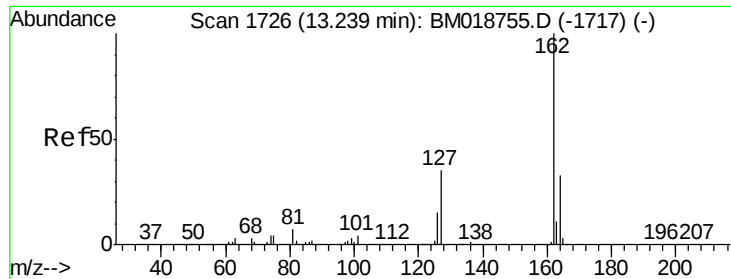
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#46
1,1'-Biphenyl
Concen: 31.767 ng
RT: 13.15 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.1	61.1
76	15.9	0.0	35.7





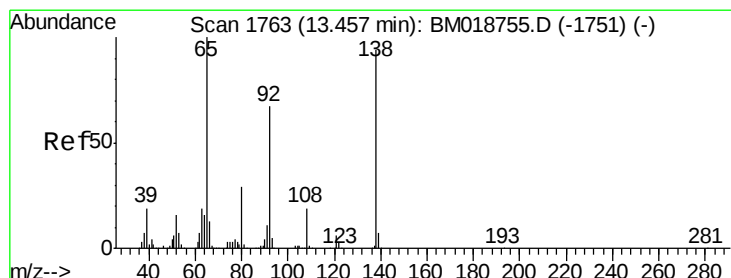
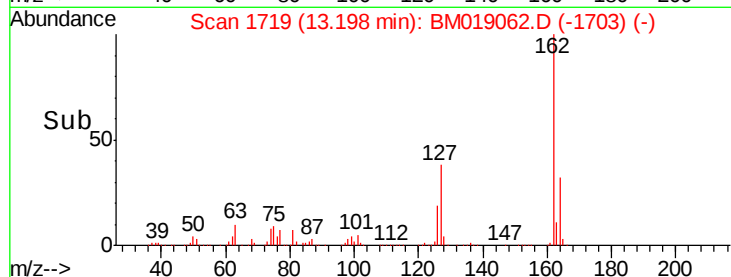
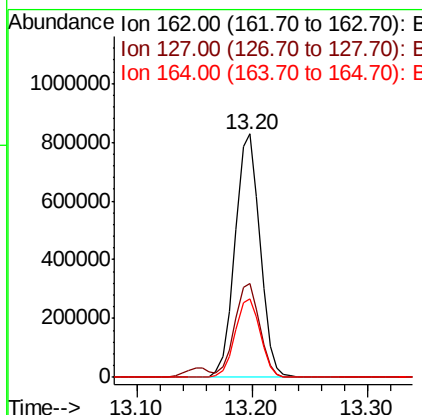
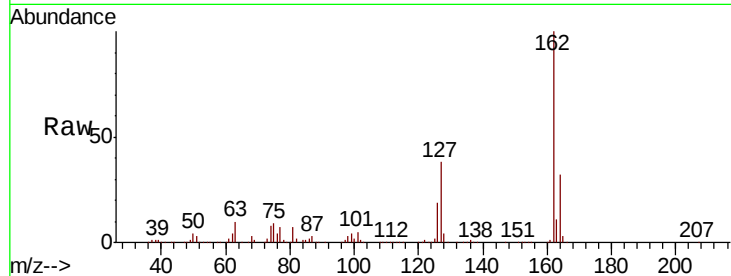
#47
2-Chloronaphthalene
Concen: 32.192 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.1	46.7
164	32.4	26.4	39.6

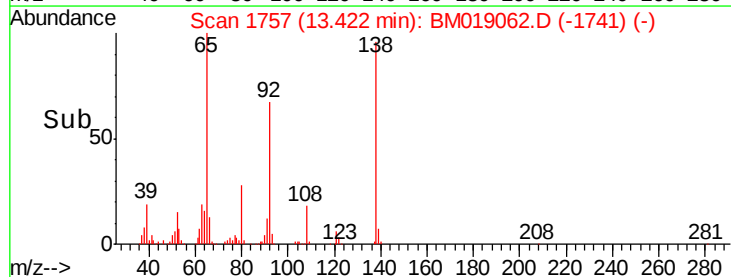
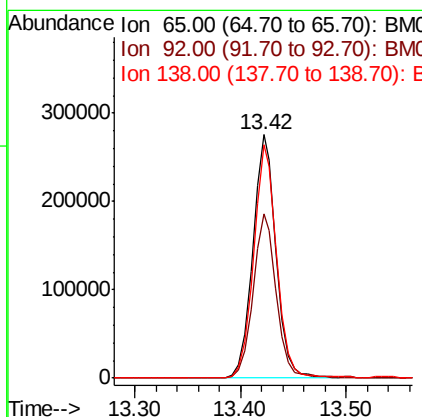
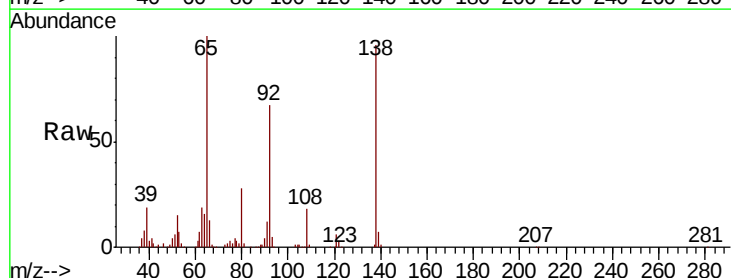
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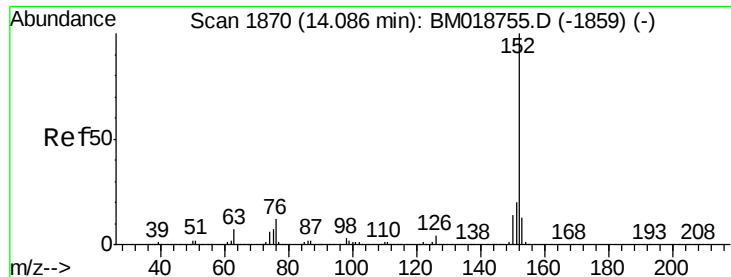
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#48
2-Nitroaniline
Concen: 33.192 ng
RT: 13.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.0	81.0
138	96.1	74.9	112.3





#49

Acenaphthylene

Concen: 34.982 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

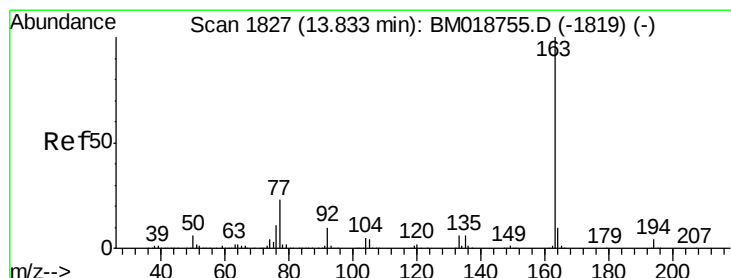
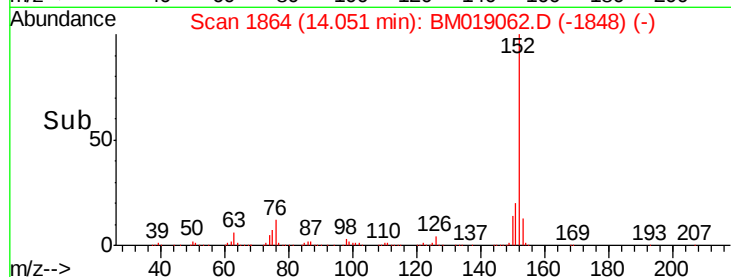
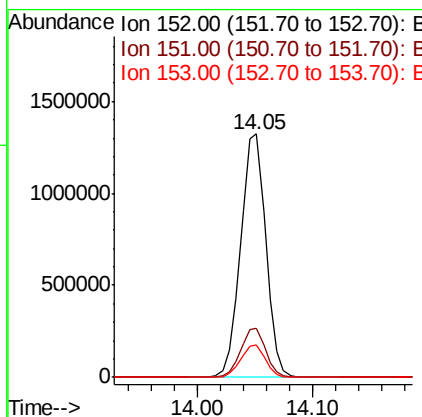
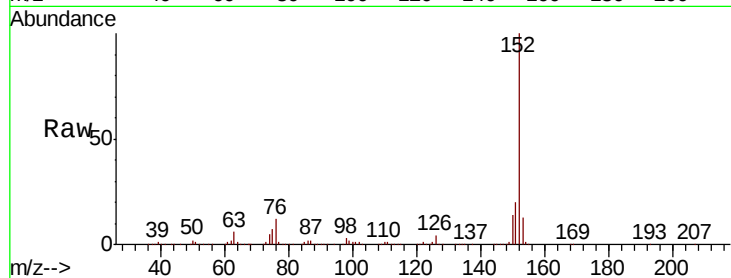
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	152	Resp:	2002016
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.5	15.7

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#50

Dimethylphthalate

Concen: 37.478 ng

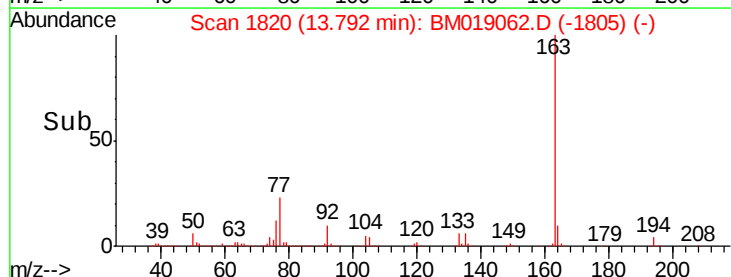
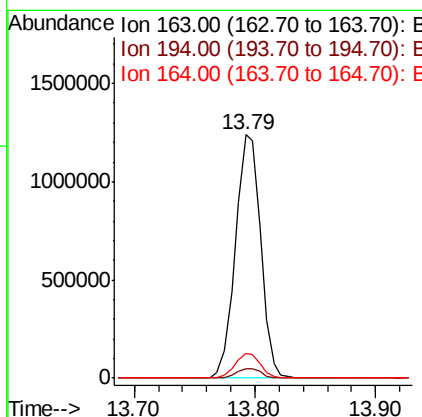
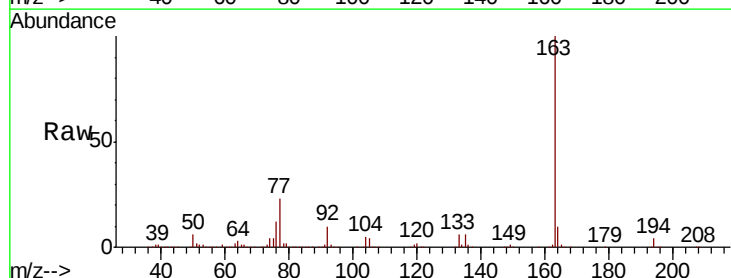
RT: 13.79 min Scan# 1820

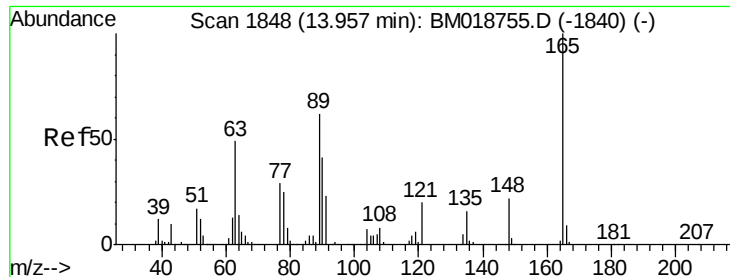
Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Tgt Ion:	163	Resp:	1805647
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	7.8	11.8





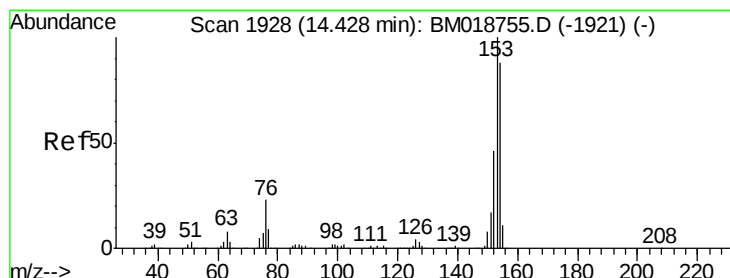
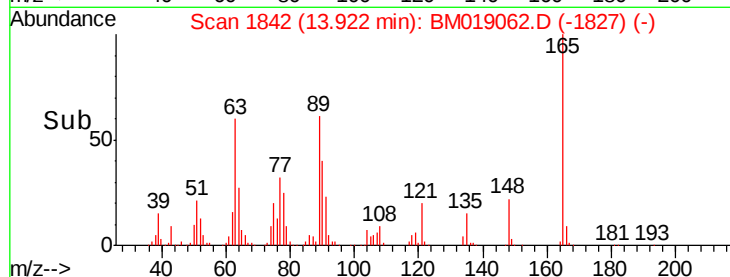
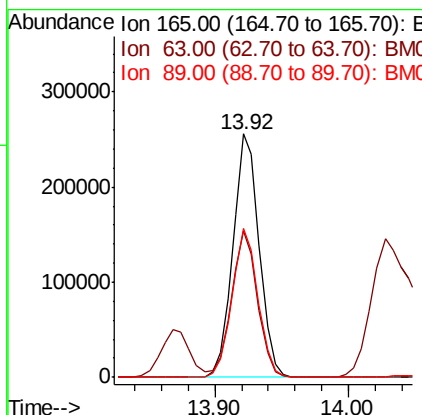
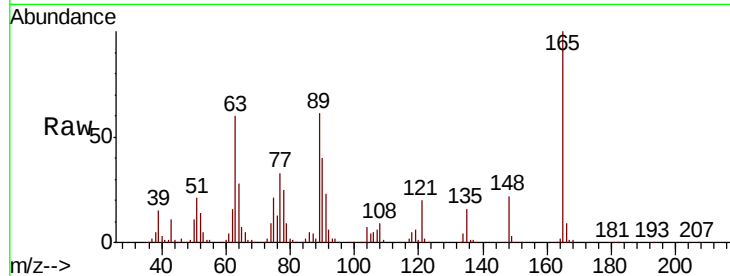
#51
2,6-Dinitrotoluene
Concen: 33.463 ng
RT: 13.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	349238		
63	60.3	48.9	73.3	
89	61.3	49.4	74.0	

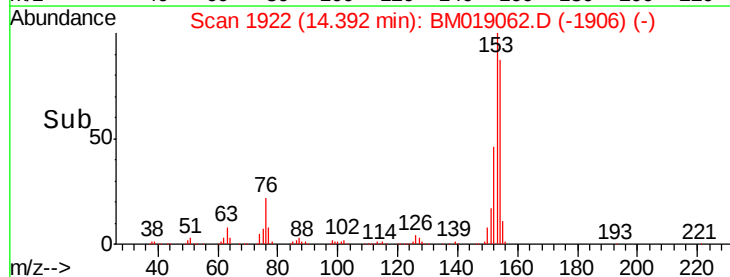
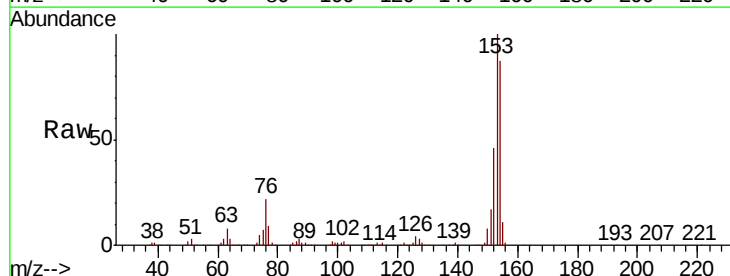
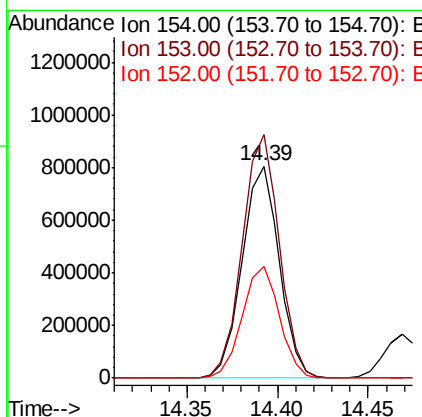
Manual Integrations
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#52
Acenaphthene
Concen: 32.605 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1144201		
153	115.0	91.3	136.9	
152	53.0	42.2	63.4	





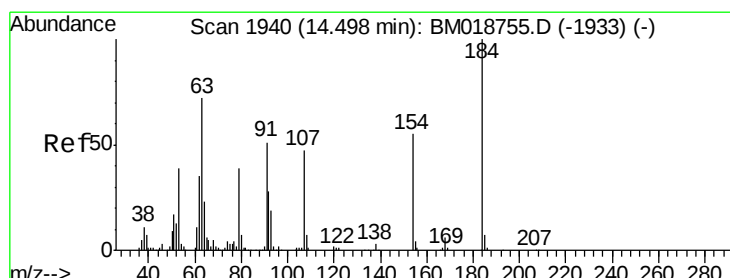
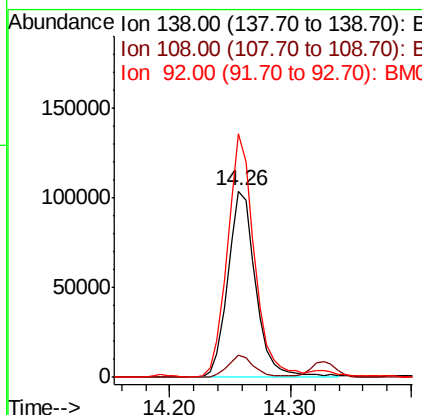
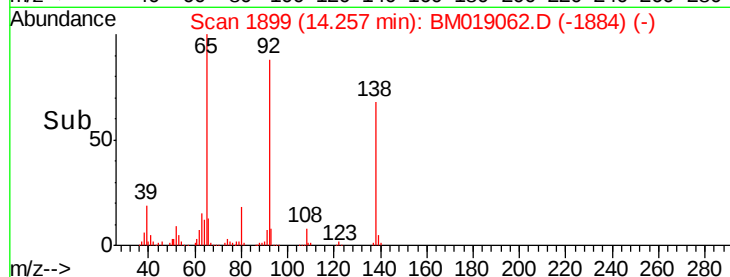
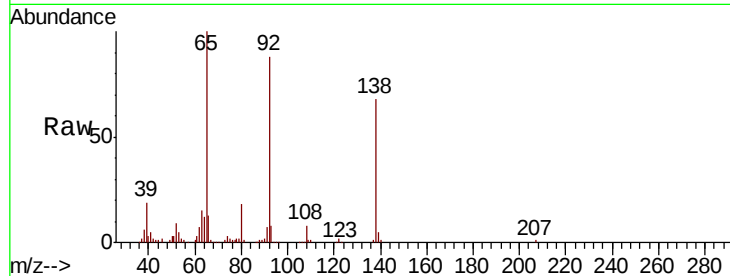
#53
3-Nitroaniline
Concen: 14.222 ng
RT: 14.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.1	13.7
92	130.5	99.7	149.5

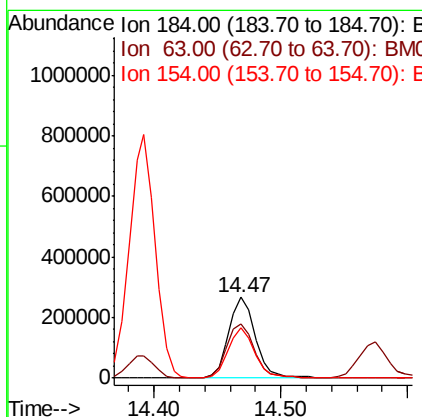
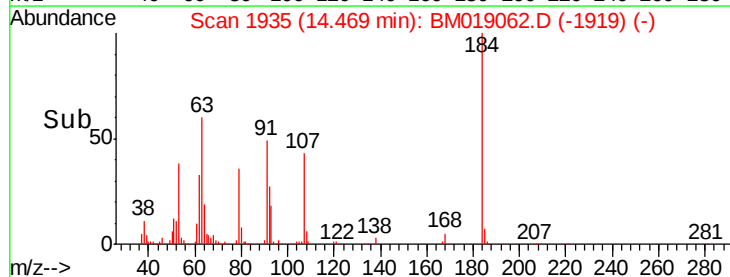
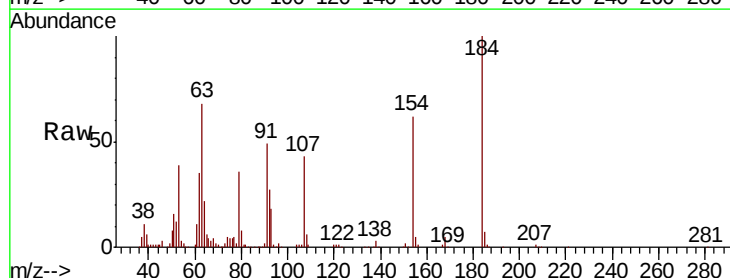
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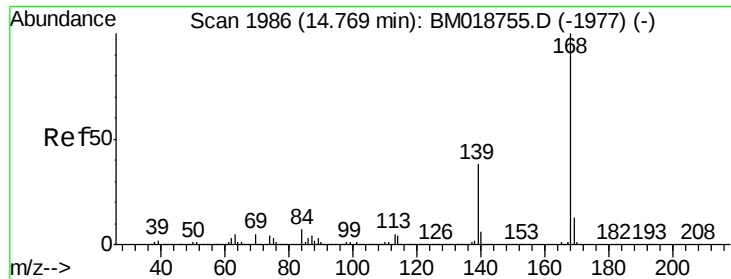
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#54
2,4-Dinitrophenol
Concen: 60.546 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.8	58.0	87.0
154	61.9	50.3	75.5





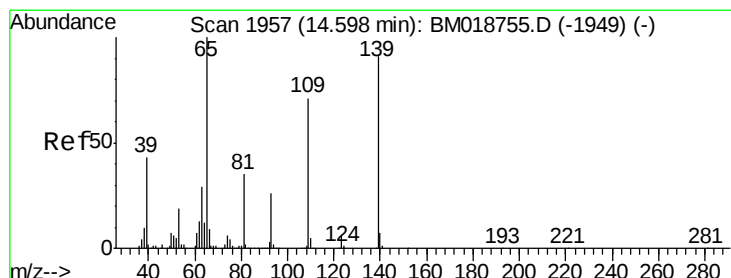
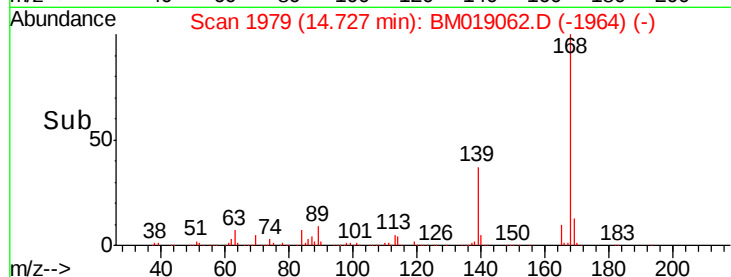
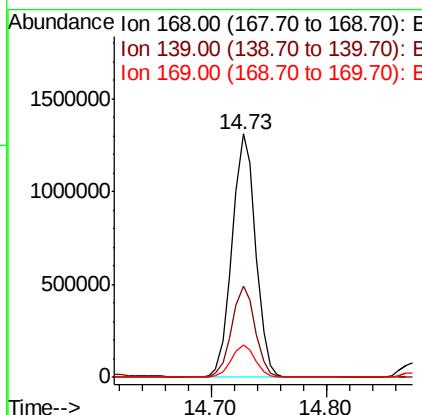
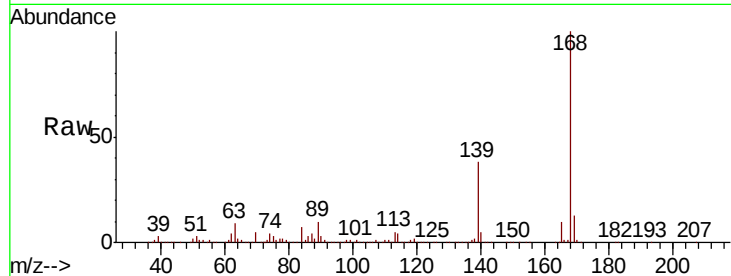
#55
Dibenzenofuran
Concen: 32.058 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.7	46.1
169	13.2	10.3	15.5

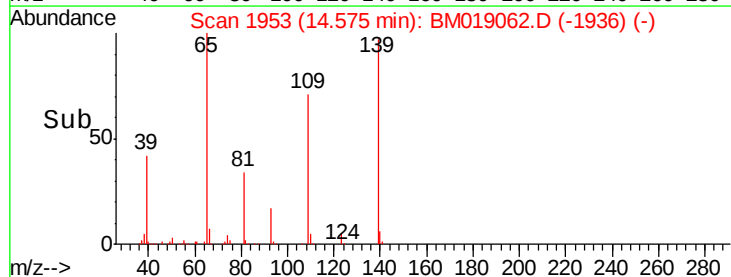
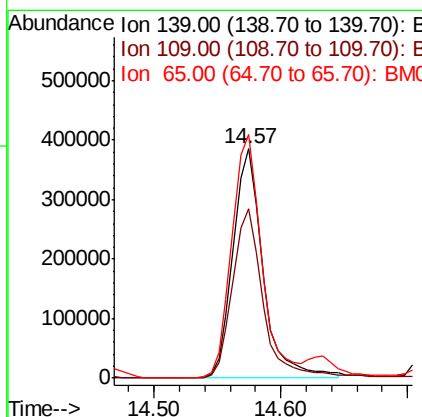
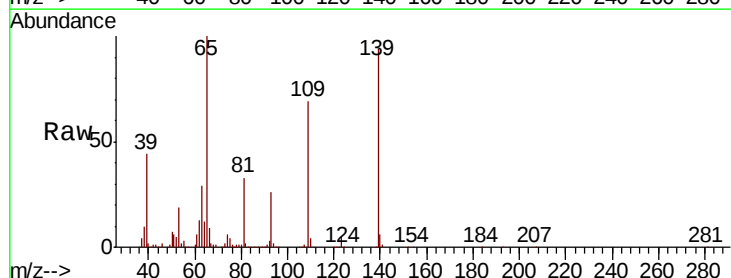
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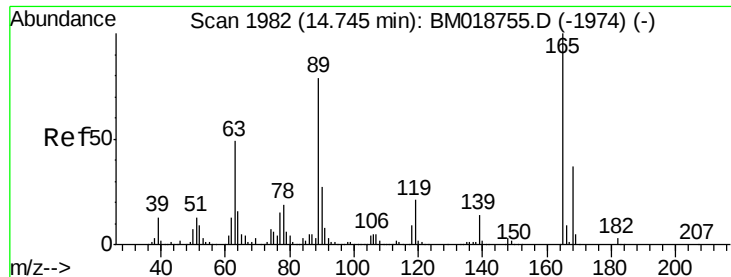
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#56
4-Nitrophenol
Concen: 67.360 ng
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.7	58.4	98.4
65	106.3	89.8	129.8





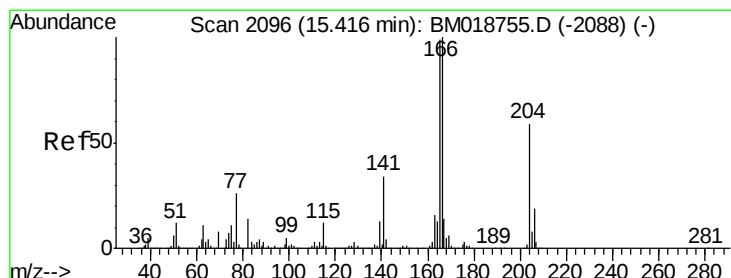
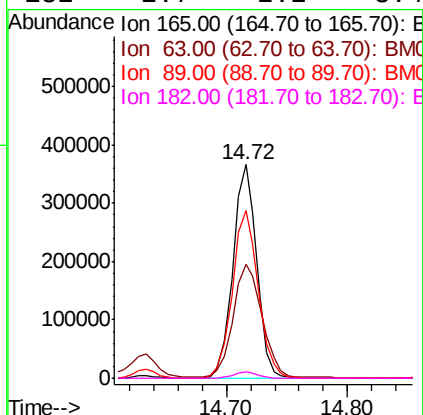
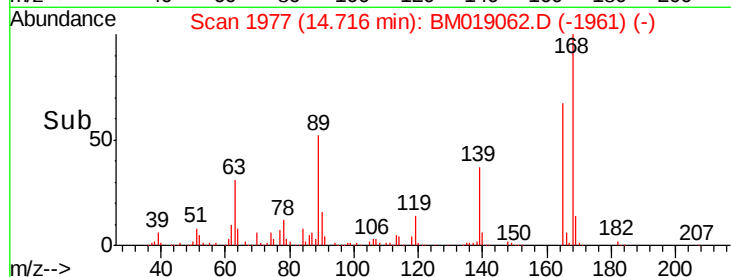
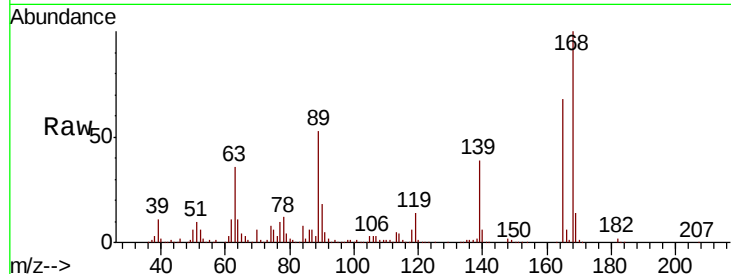
#57
2,4-Dinitrotoluene
Concen: 34.823 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	500735		
63	53.1	39.6	59.4	
89	78.5	63.5	95.3	
182	2.7	2.2	3.4	

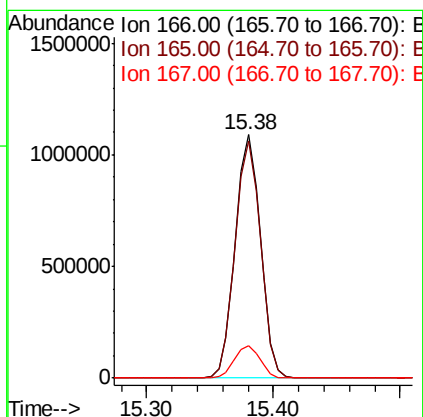
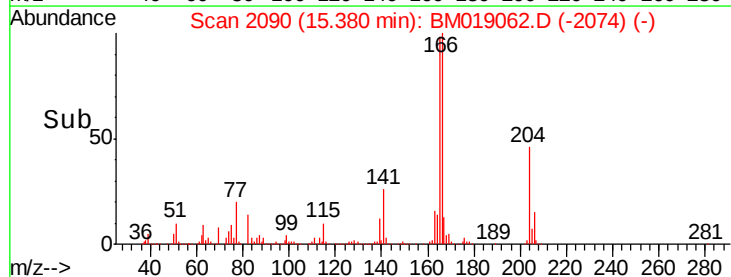
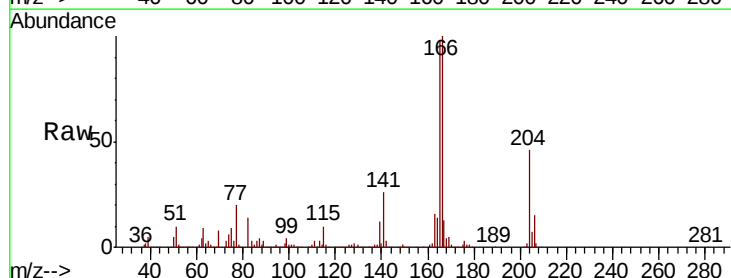
Manual Integrations
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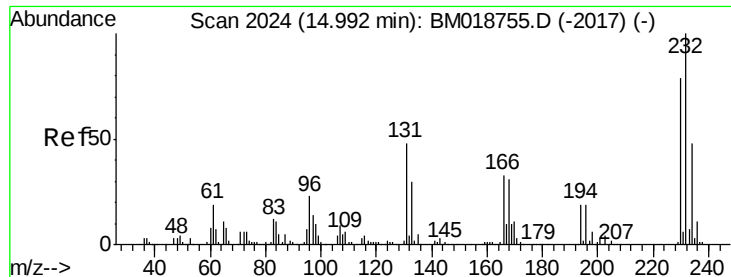
Sohil
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#58
Fluorene
Concen: 34.166 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1507622		
165	97.5	79.1	118.7	
167	13.5	11.0	16.4	





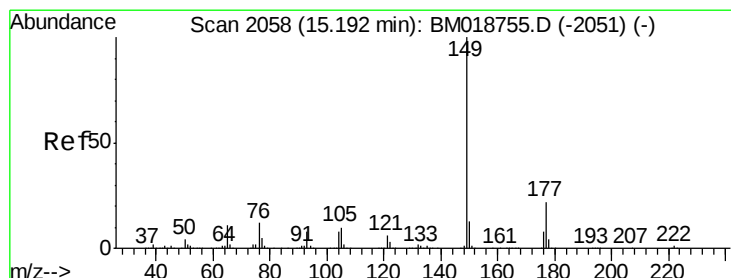
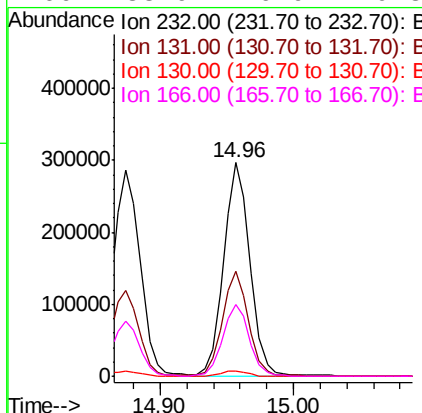
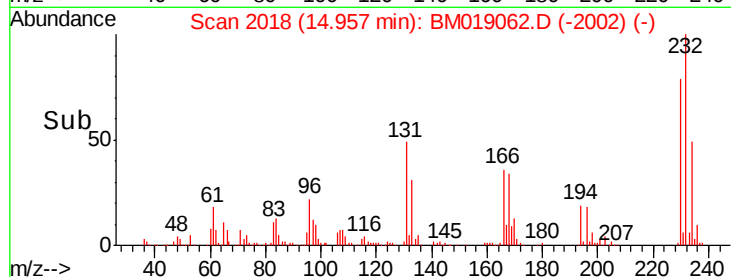
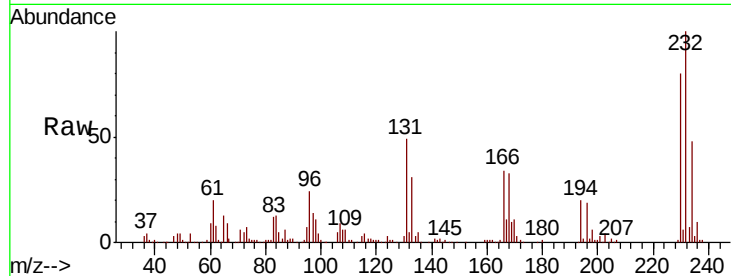
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.912 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.5	38.6	57.8
130	2.6	2.0	3.0
166	33.9	26.9	40.3

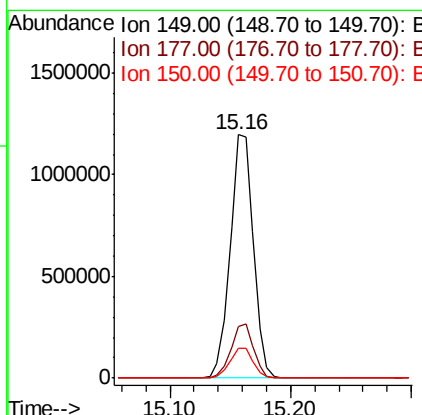
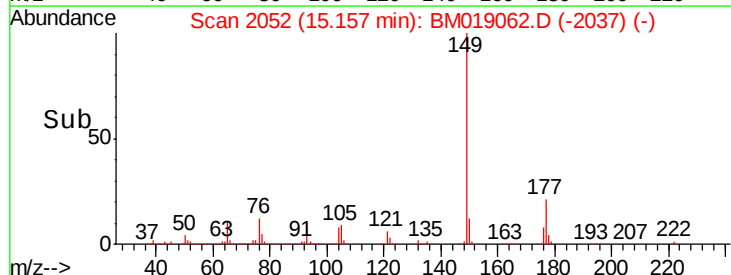
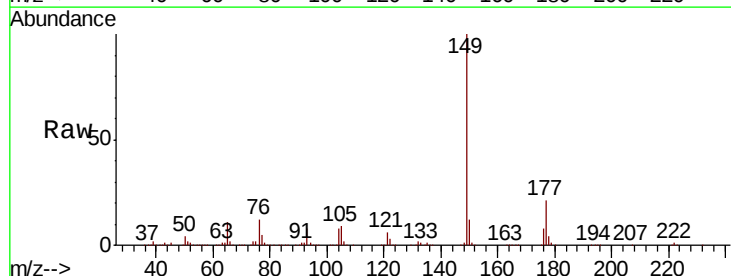
Manual Integrations
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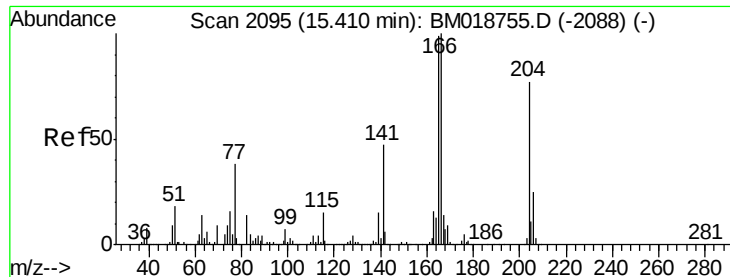
Sohil
3/6/2019 5:26:21 PM



#60
Diethylphthalate
Concen: 32.130 ng
RT: 15.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.2	25.8
150	12.5	10.2	15.2





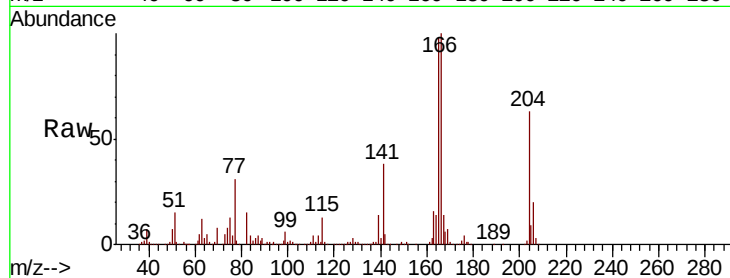
#61
4-Chlorophenyl-phenylether
Concen: 30.150 ng
RT: 15.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	60.3	49.2	73.8

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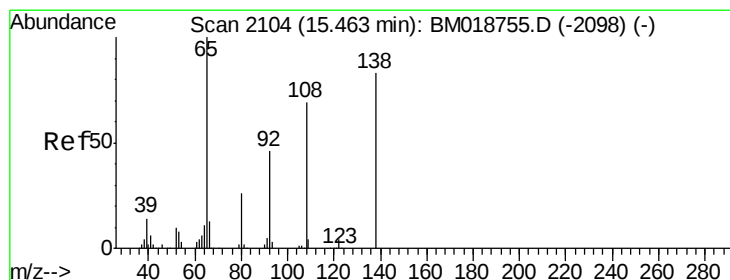
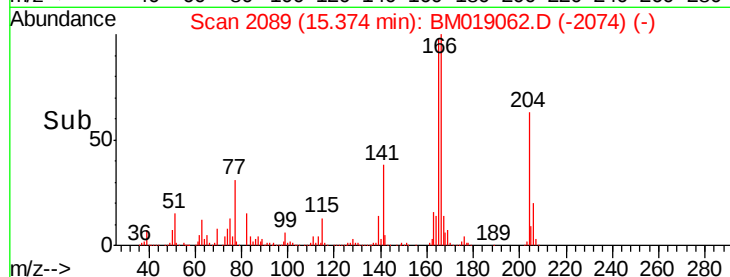
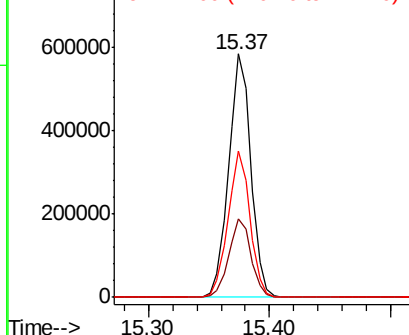


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 28.807 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

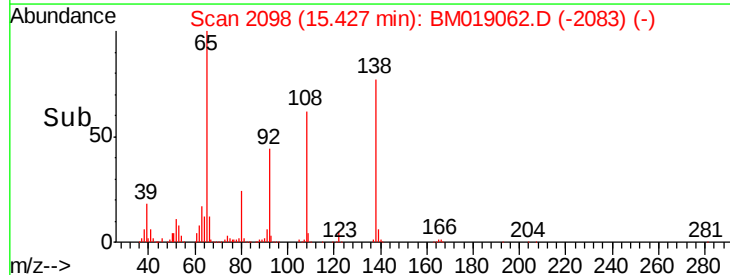
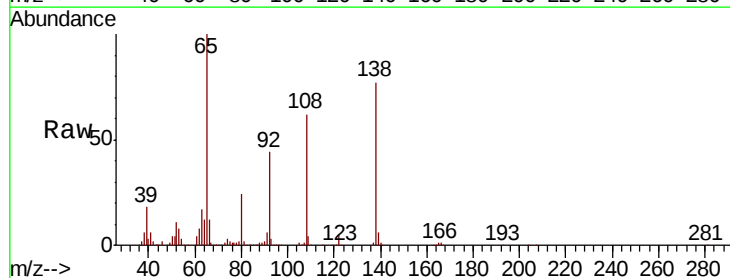
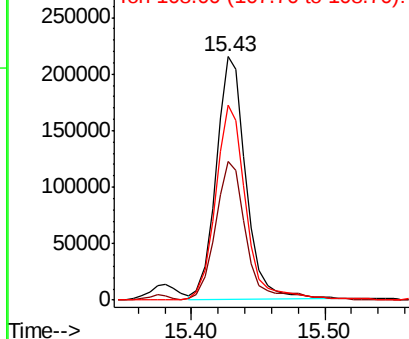
Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	35.5	75.5
108	80.3	62.4	102.4

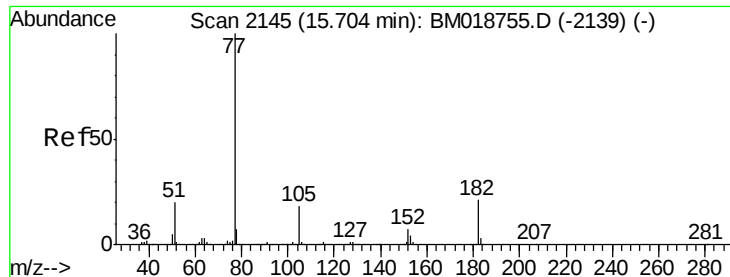
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





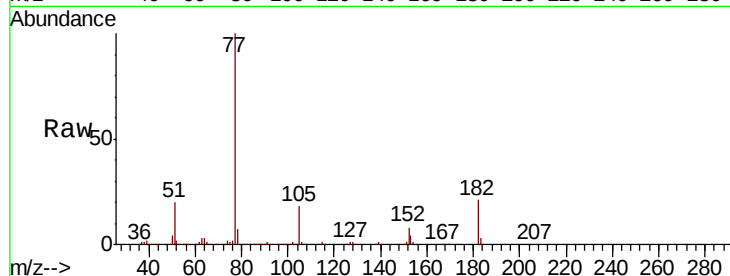
#63
Azobenzene
Concen: 31.723 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.4	1.0	41.0
105	17.9	0.0	37.7
51	20.2	0.3	40.3

Manual Integrations
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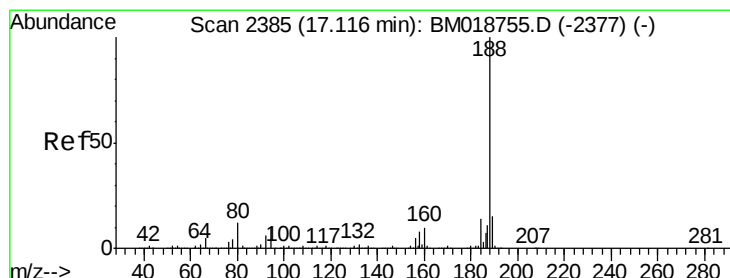
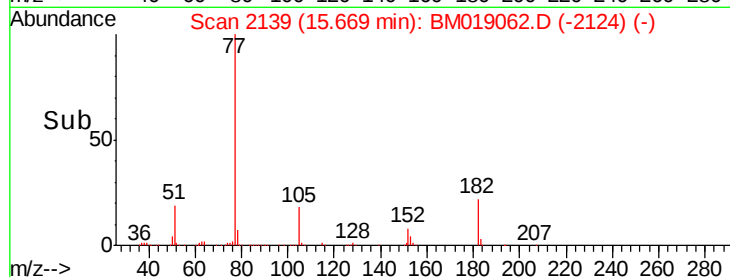
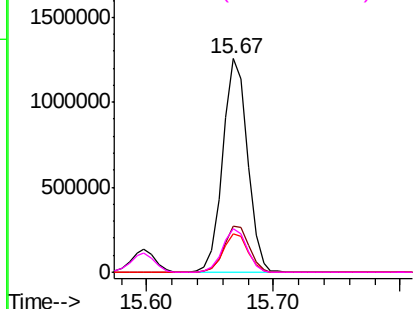
Abundance

Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

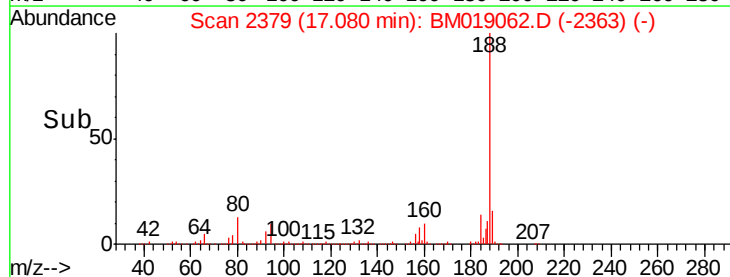
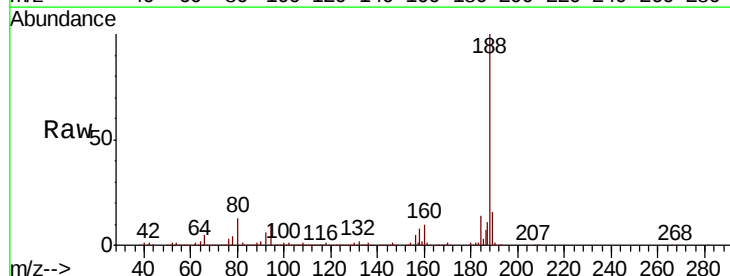
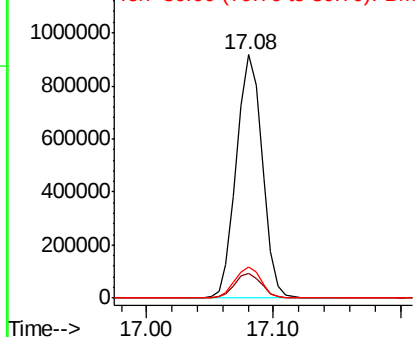
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.8	9.7	14.5

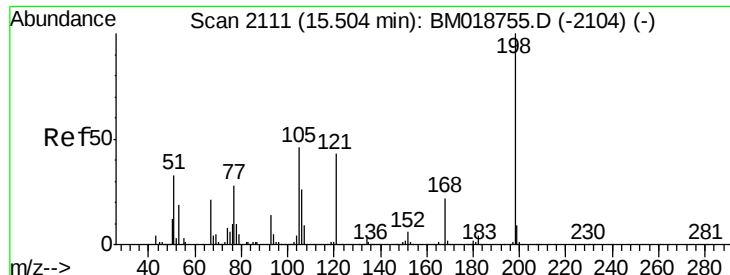
Abundance

Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)





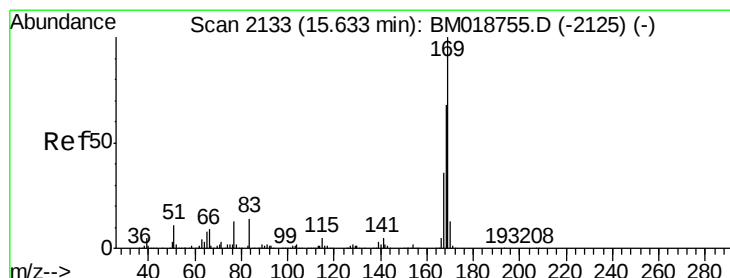
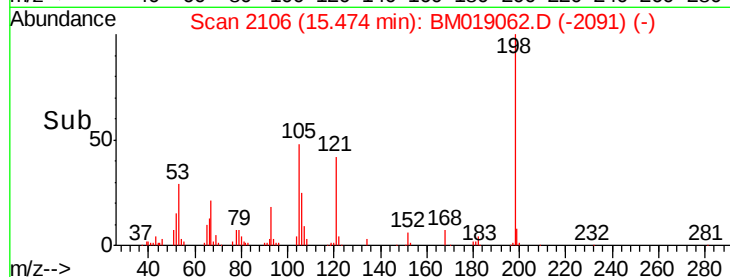
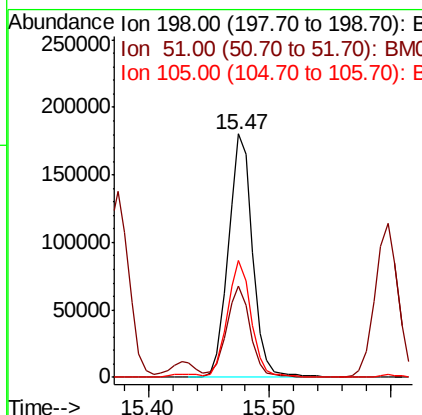
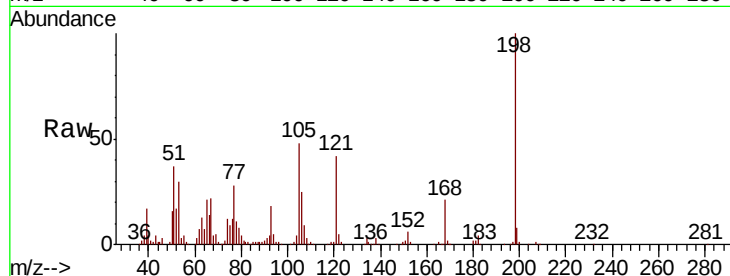
#65
4,6-Dinitro-2-methylphenol
Concen: 27.440 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.3	18.4	58.4
105	47.8	27.2	67.2

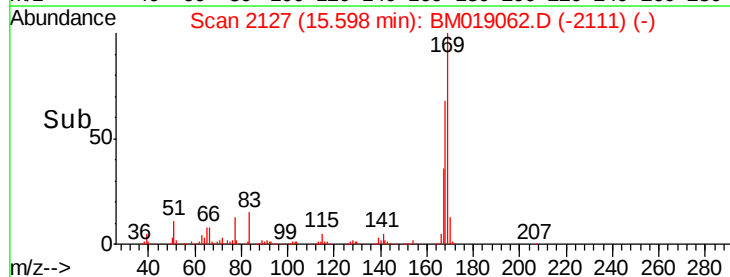
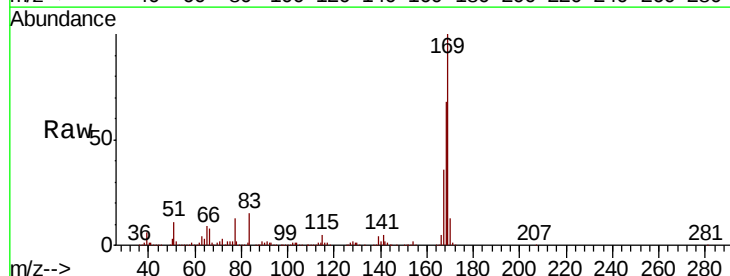
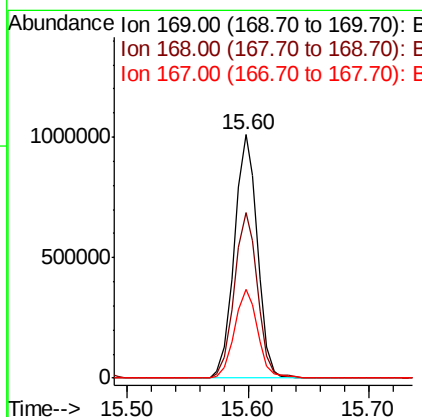
Manual Integrations
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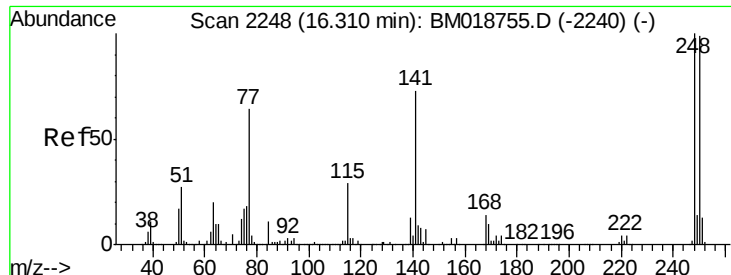
Sohil
3/6/2019 5:26:21 PM



#66
n-Nitrosodiphenylamine
Concen: 32.709 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.3	29.0	43.6





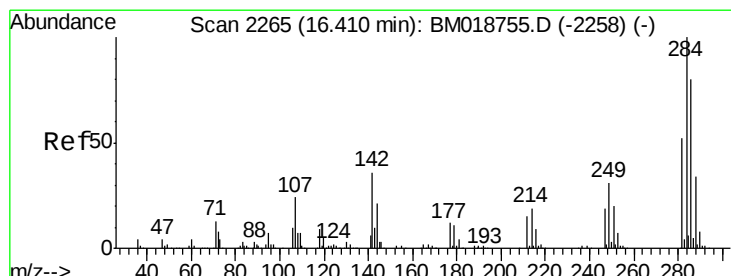
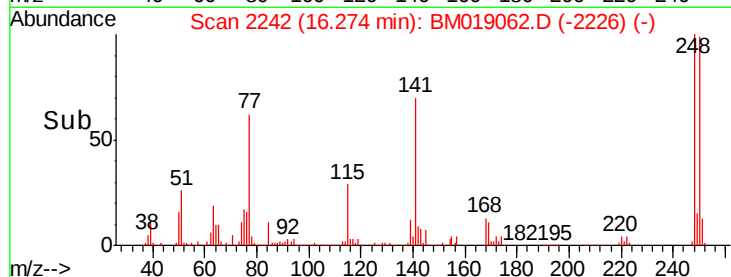
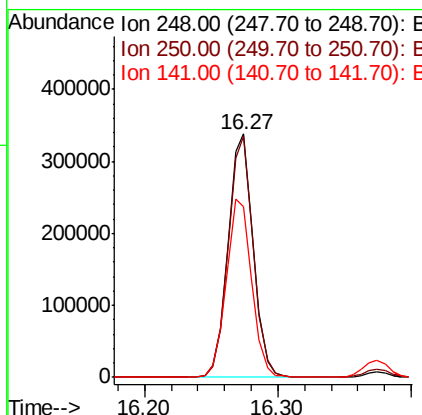
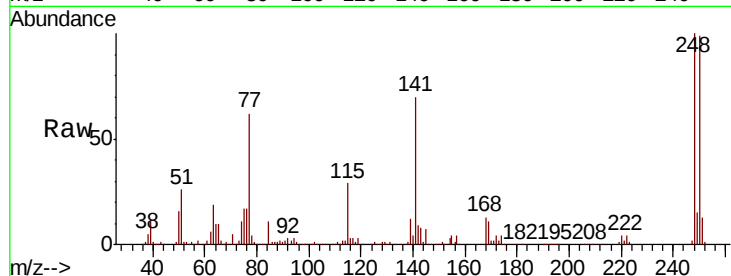
#67
 4-Bromophenyl-phenylether
 Concen: 30.661 ng
 RT: 16.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	79.0	118.6
141	70.1	58.6	88.0

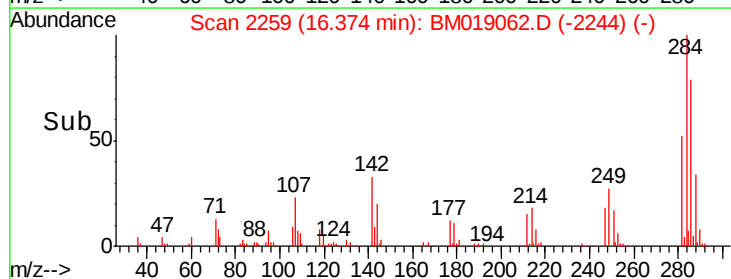
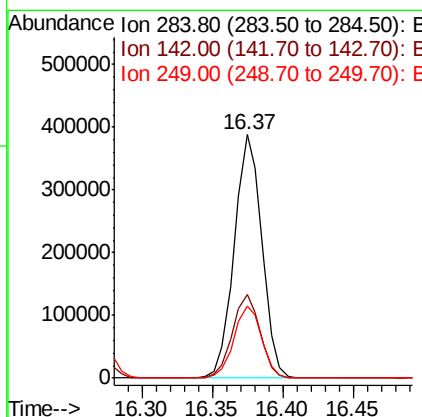
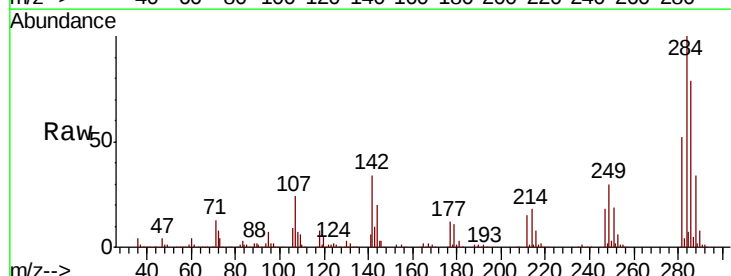
Manual Integrations
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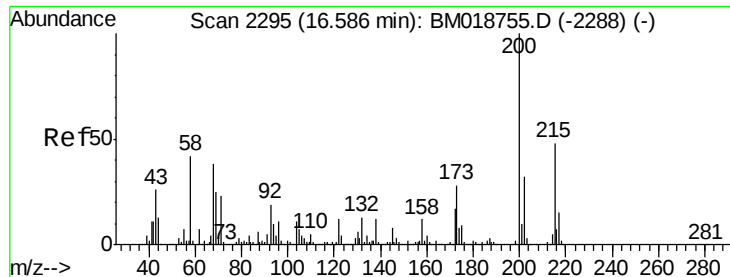
Sohil
 3/6/2019 5:26:21 PM



#68
 Hexachlorobenzene
 Concen: 31.254 ng
 RT: 16.37 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	28.9	43.3
249	29.6	24.8	37.2





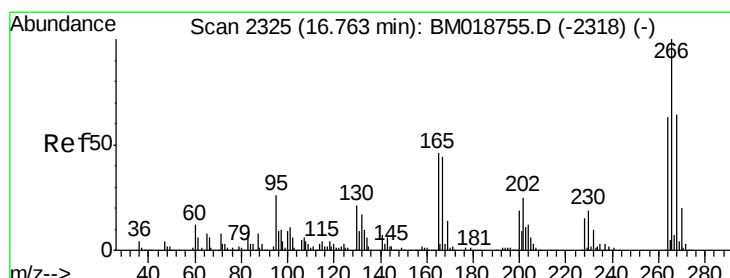
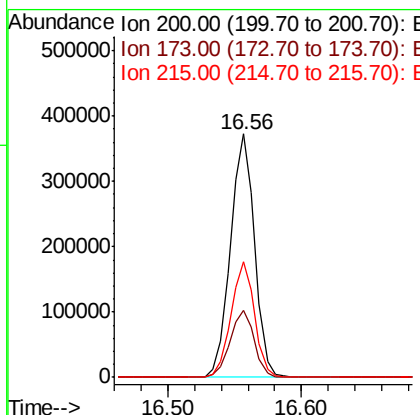
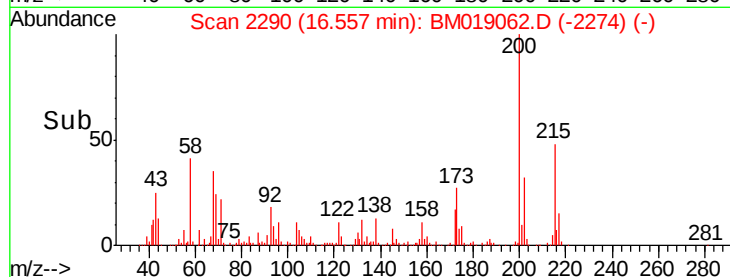
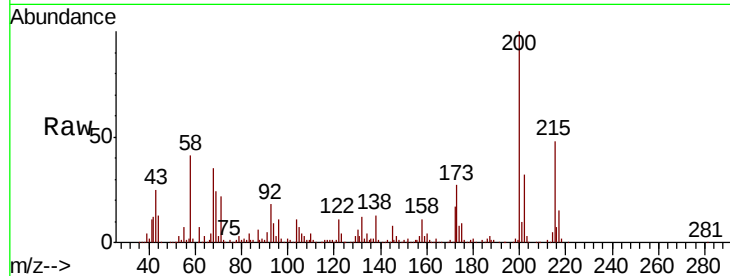
#69
Atrazine
Concen: 35.640 ng
RT: 16.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.6	47.6
215	47.6	27.6	67.6

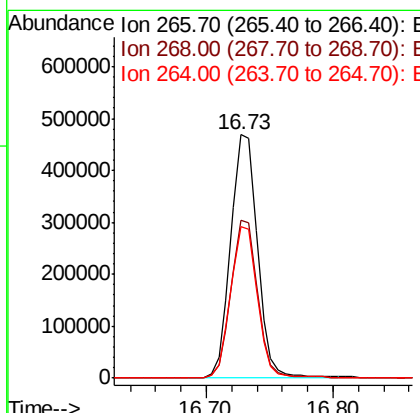
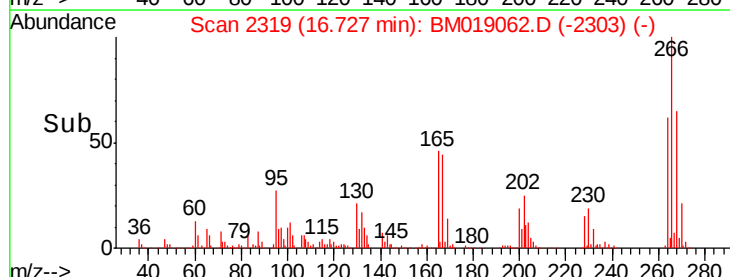
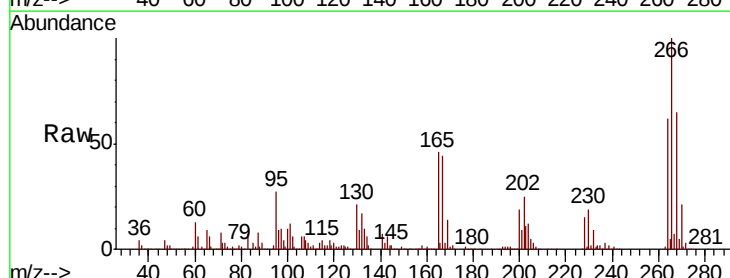
Manual Integrations
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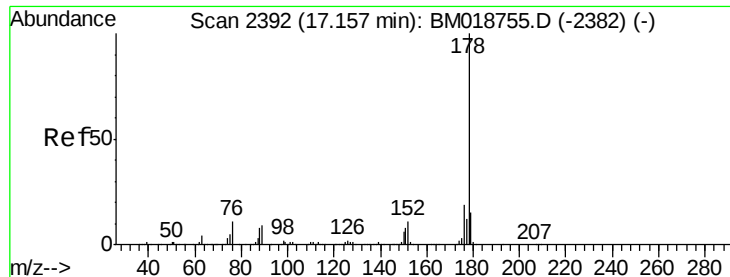
Sohil
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#70
Pentachlorophenol
Concen: 62.968 ng
RT: 16.73 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.3	76.9
264	62.0	50.6	75.8





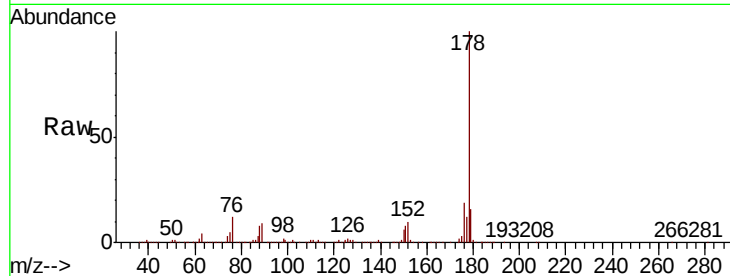
#71
Phenanthrene
Concen: 34.070 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.7	12.3	18.5

Manual Integrations
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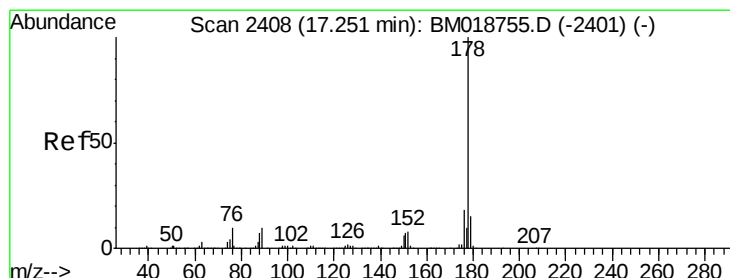
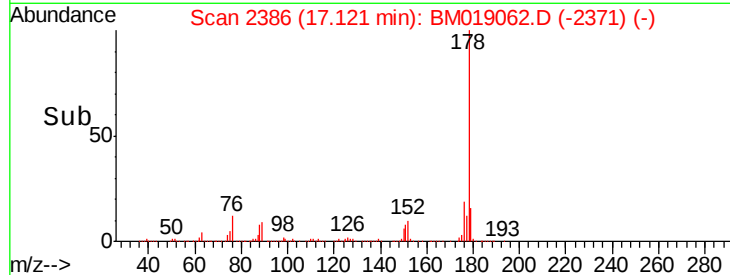
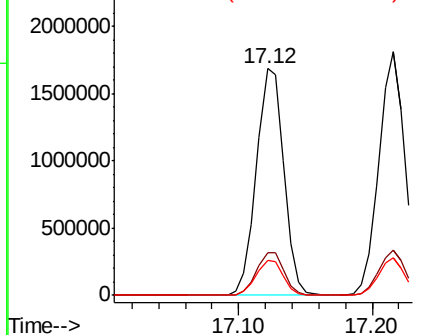


Abundance

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: 35.708 ng
RT: 17.22 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

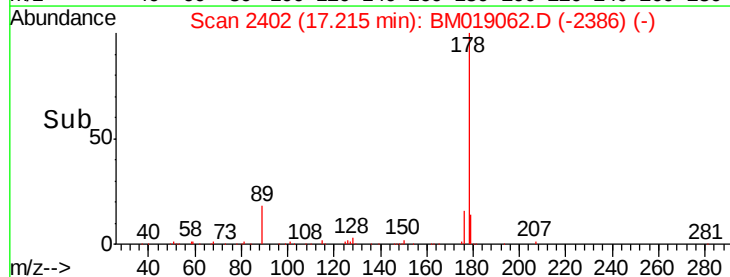
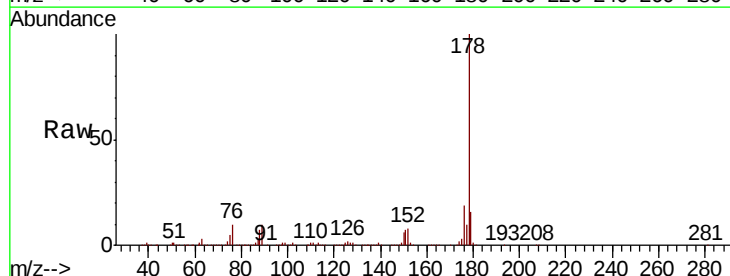
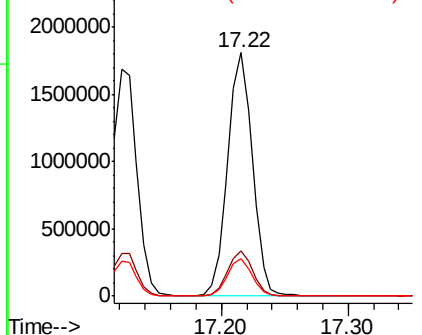
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.1	18.1

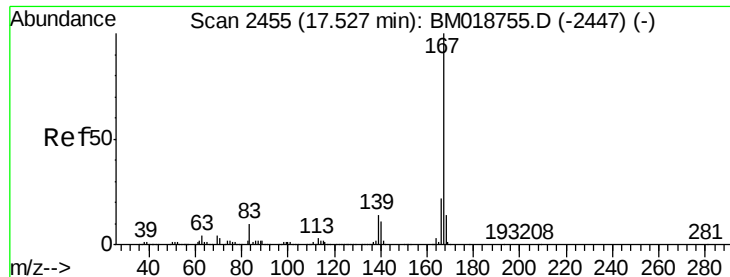
Abundance

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





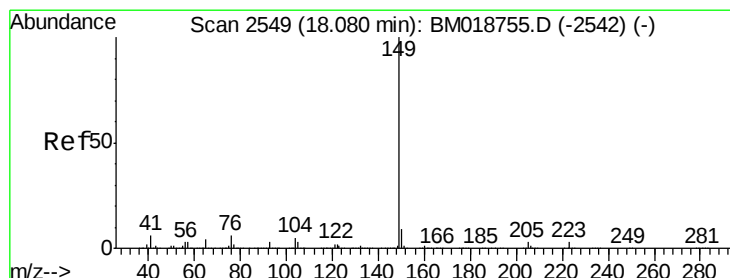
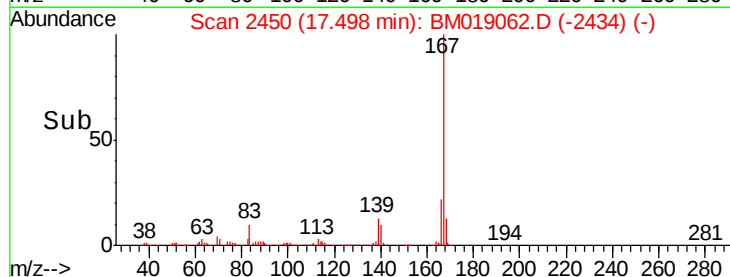
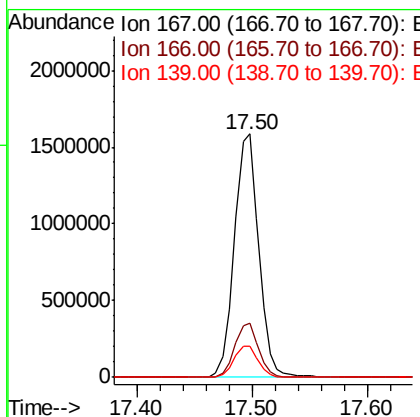
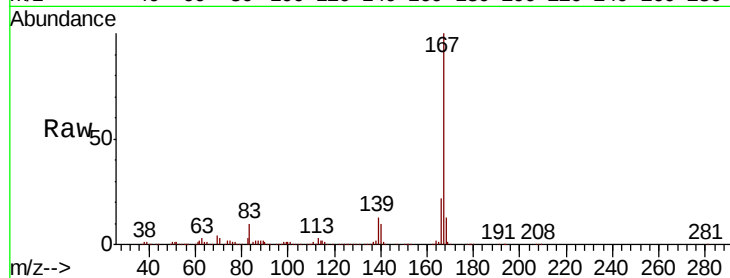
#73
 Carbazole
 Concen: 32.594 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

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

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.7	26.5	
139	12.6	10.9	16.3	

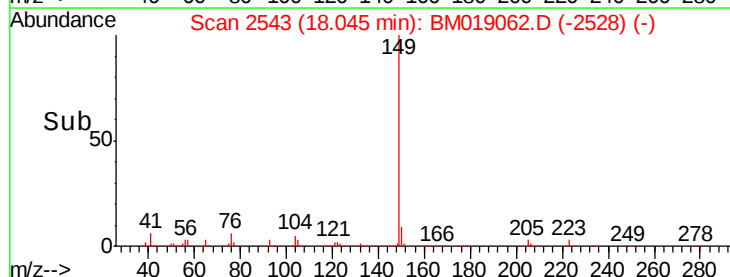
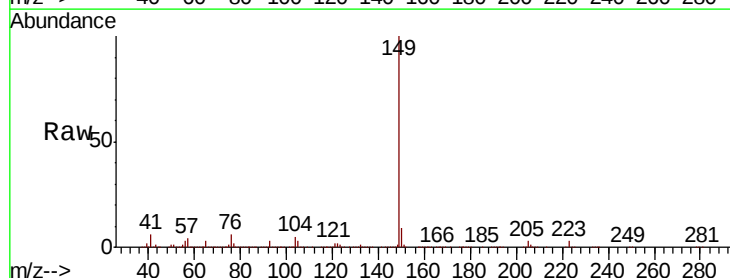
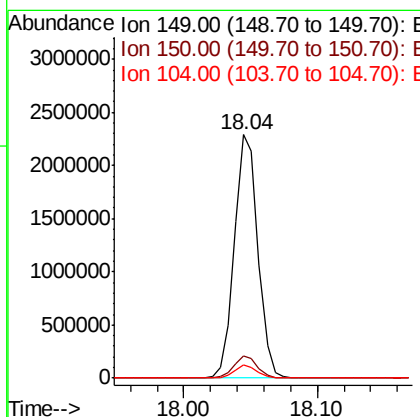
Manual Integrations
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 3/6/2019 5:26:21 PM



#74
 Di-n-butylphthalate
 Concen: 34.391 ng
 RT: 18.04 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

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





#75

Fluoranthene

Concen: 34.893 ng

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

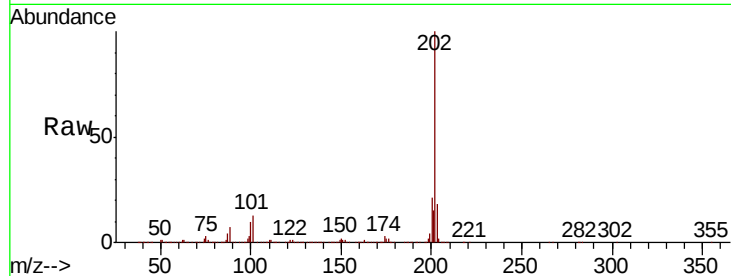
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	202	Resp:	2818702
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.5
203	17.8	0.0	37.3

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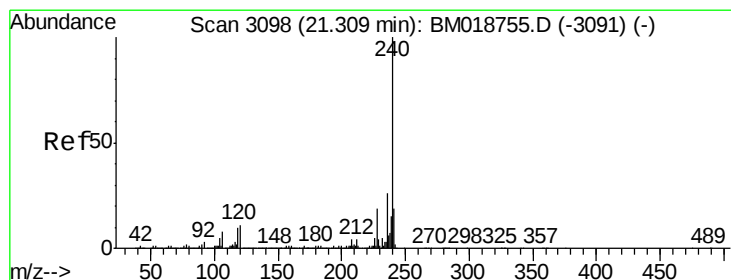
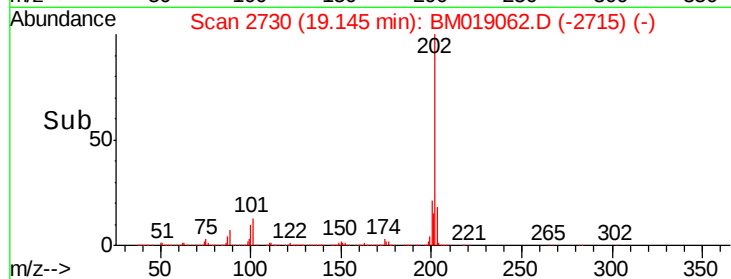
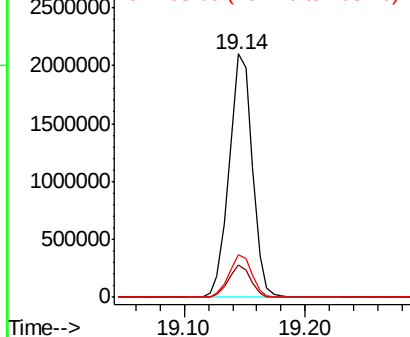


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

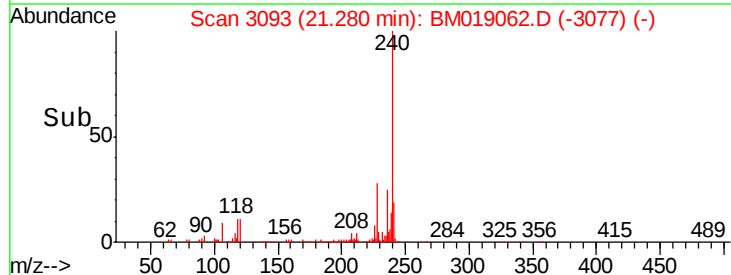
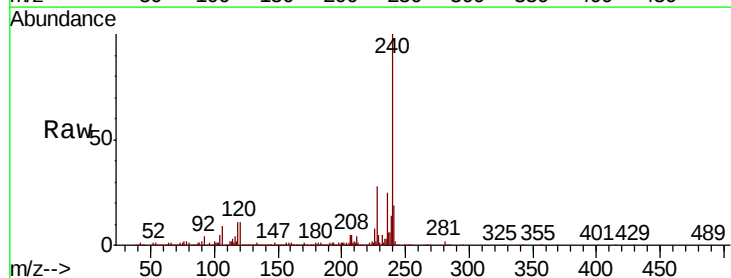
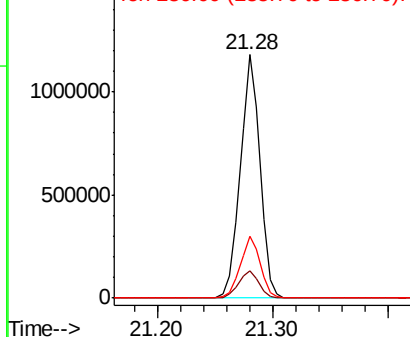
Tgt Ion:	240	Resp:	1390380
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.3	20.9	31.3

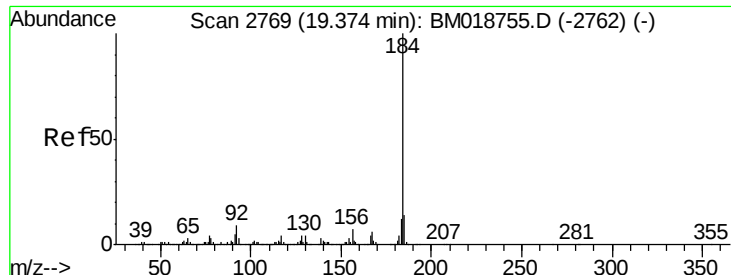
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





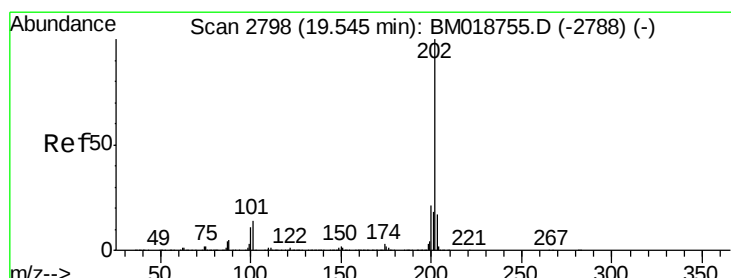
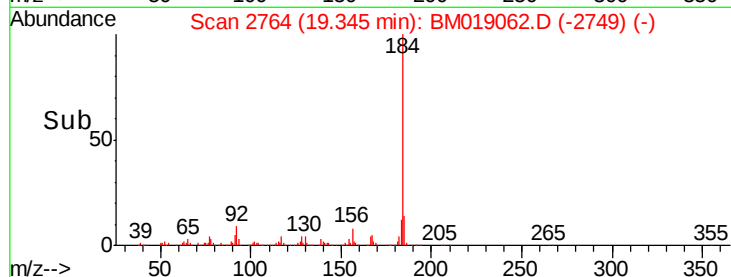
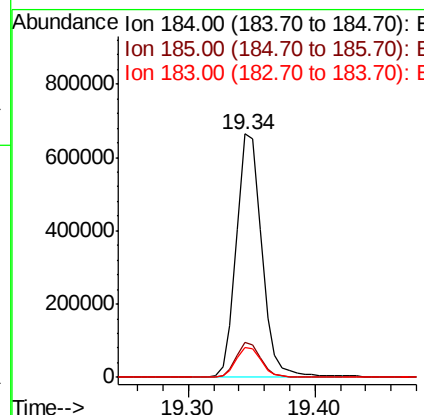
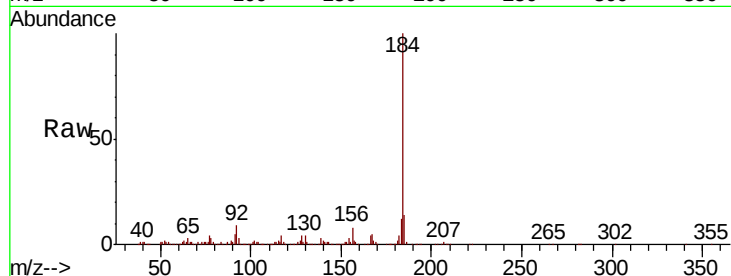
#77
Benzidine
Concen: 29.553 ng
RT: 19.34 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.2	16.8
183	12.3	9.7	14.5

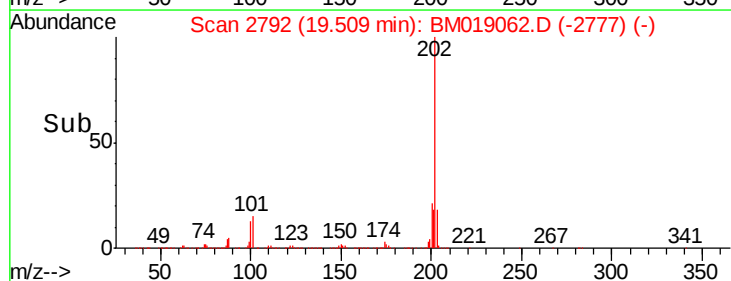
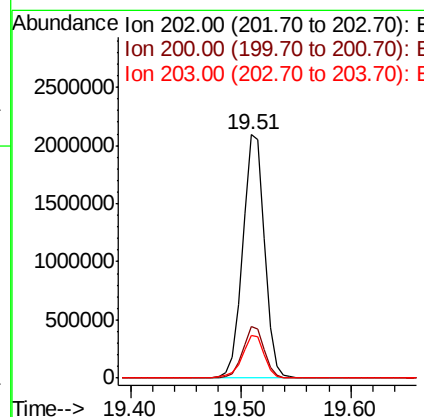
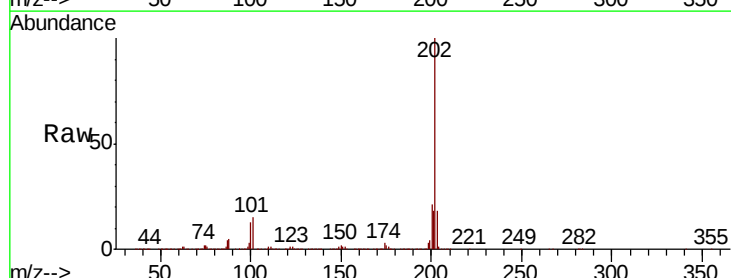
Manual Integrations
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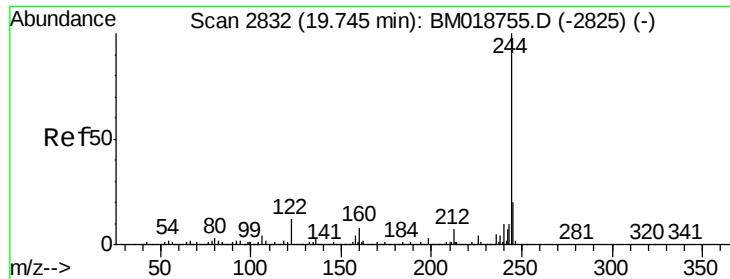
Sohil
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#78
Pyrene
Concen: 35.983 ng
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	13.8	20.8





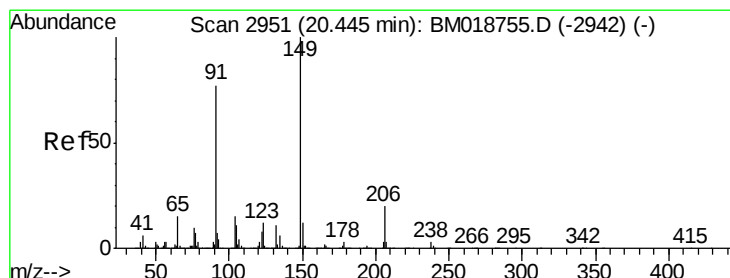
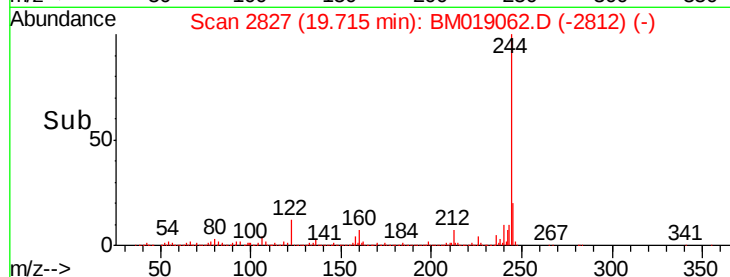
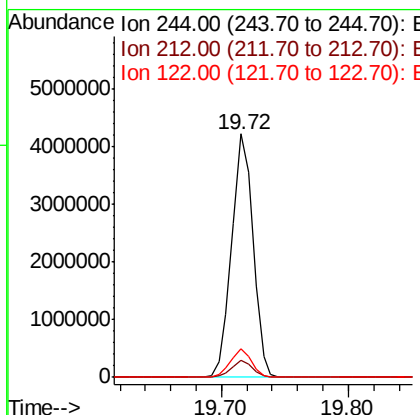
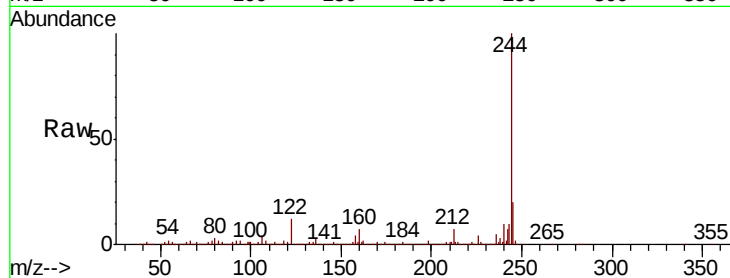
#79
 Terphenyl-d14
 Concen: 72.853 ng
 RT: 19.72 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

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

Tot Ion:244 Resp: 4910264
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.8 9.3 13.9

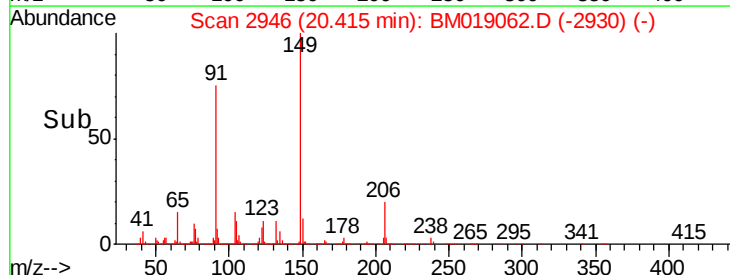
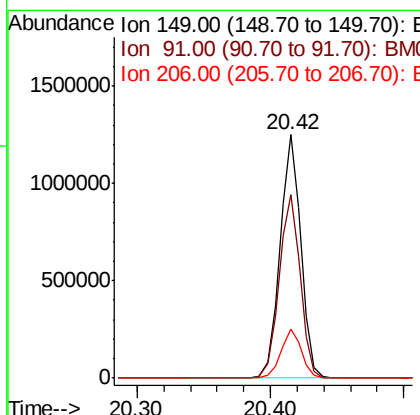
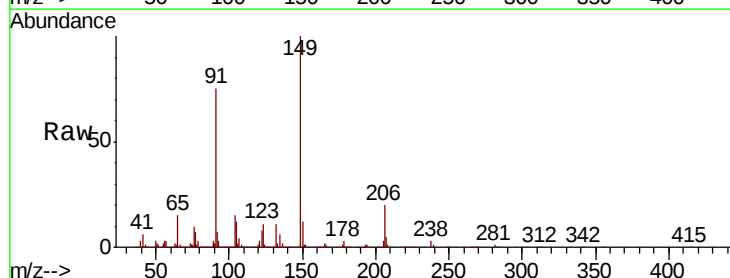
Manual Integrations
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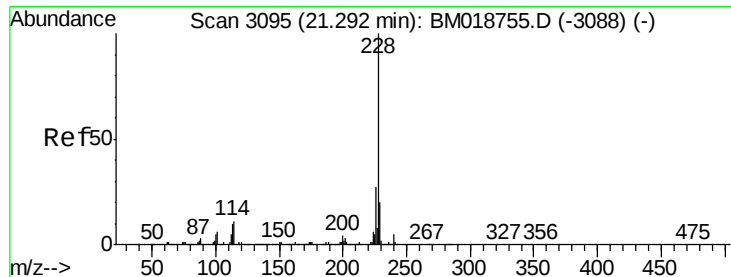
Sohil
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#80
 Butylbenzylphthalate
 Concen: 37.088 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM019062.D
 Acq: 06 Mar 2019 08:47

Tgt Ion:149 Resp: 1364921
 Ion Ratio Lower Upper
 149 100
 91 75.5 61.4 92.0
 206 20.0 15.8 23.8





#81

Benzo(a)anthracene

Concen: 33.663 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:228 Resp: 2728334

Ion Ratio Lower Upper

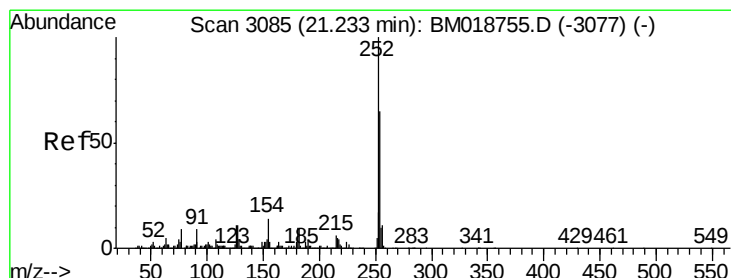
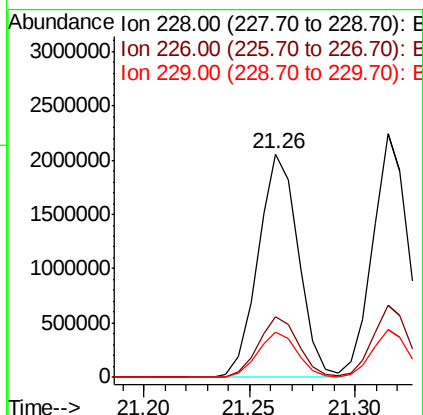
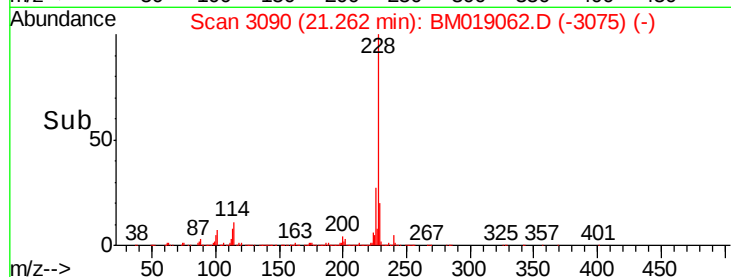
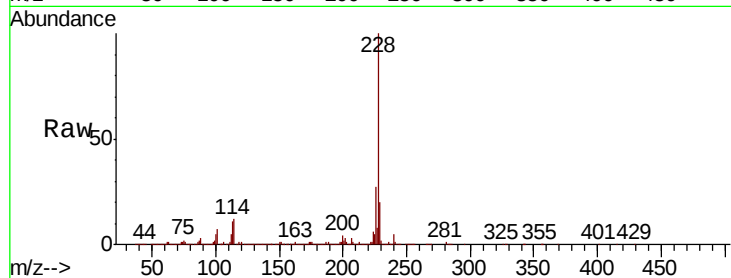
228 100

226 27.3 21.9 32.9

229 20.1 15.9 23.9

Manual Integrations
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3/6/2019 5:26:21 PM



#82

3,3'-Dichlorobenzidine

Concen: 19.887 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

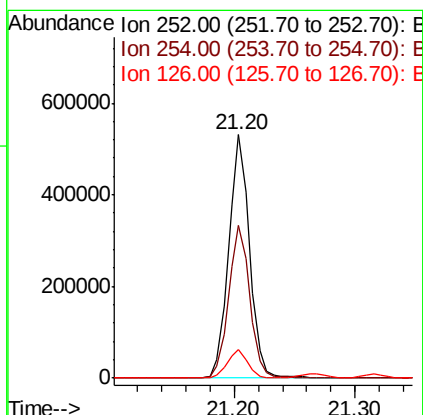
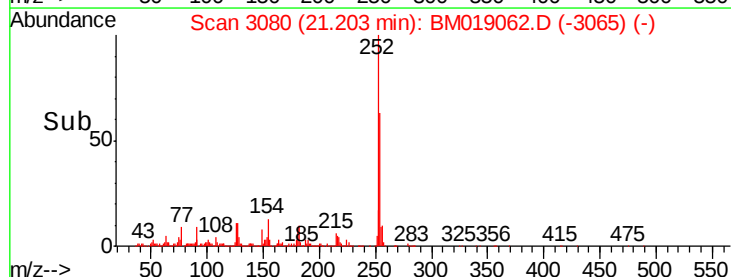
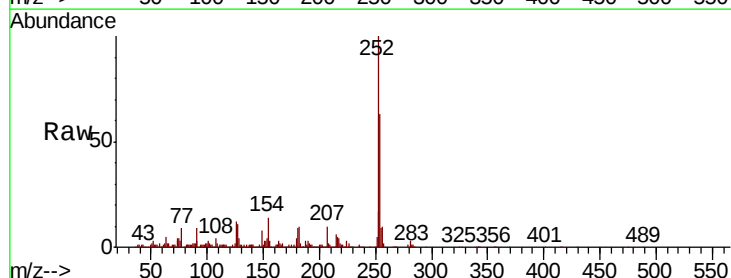
Tgt Ion:252 Resp: 637005

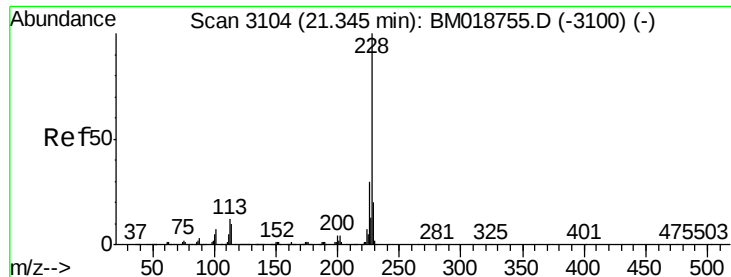
Ion Ratio Lower Upper

252 100

254 62.9 51.8 77.8

126 11.6 9.1 13.7





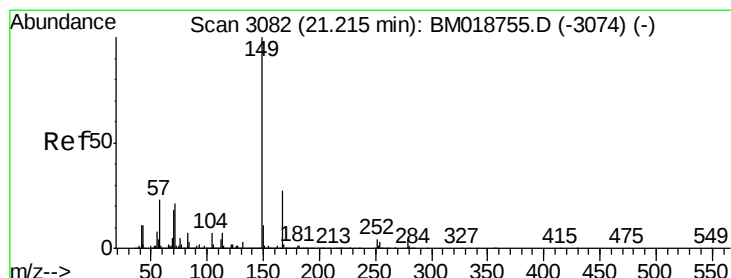
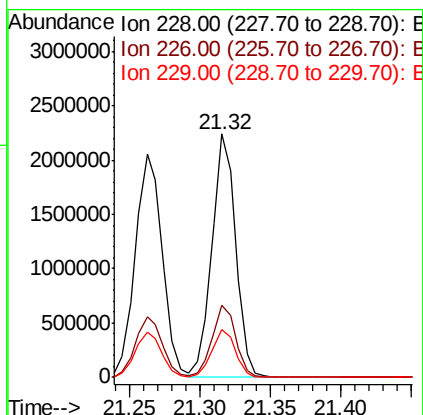
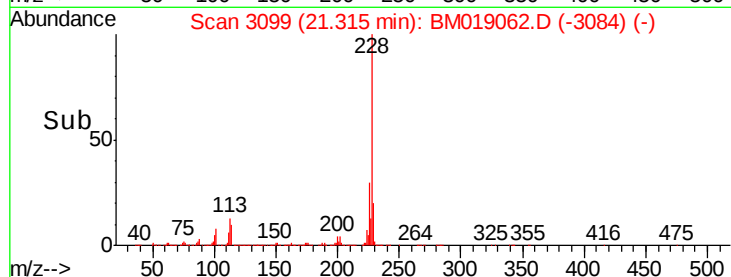
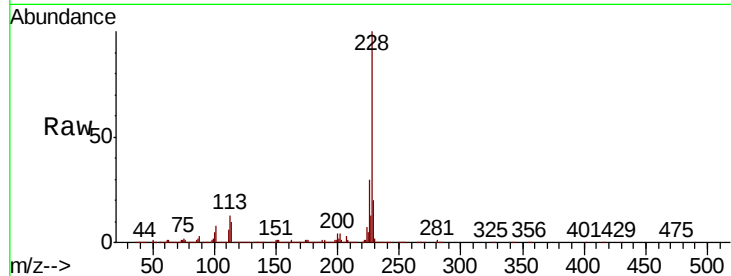
#83
Chrysene
Concen: 33.609 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.9	16.0	24.0

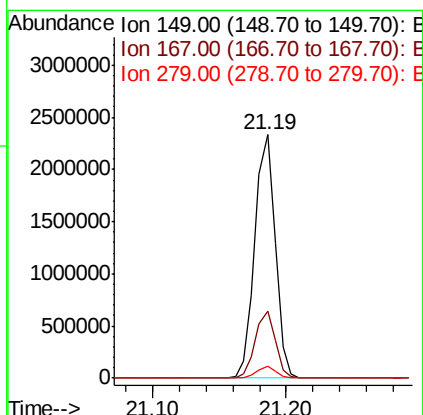
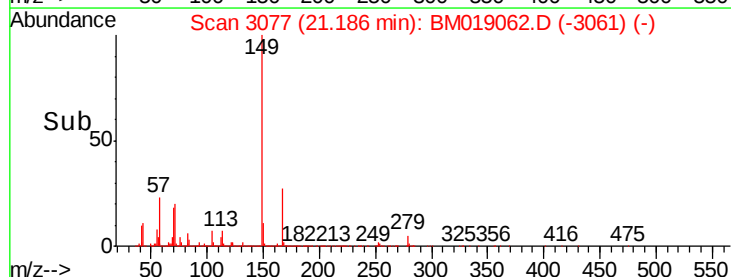
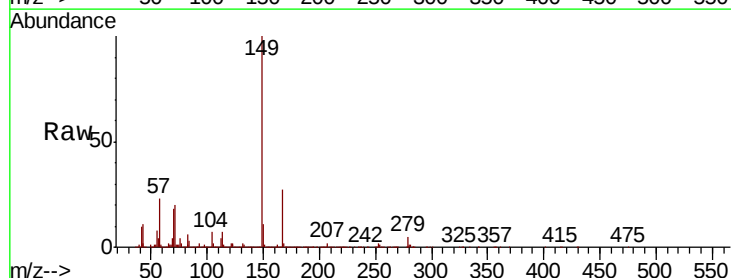
Manual Integrations
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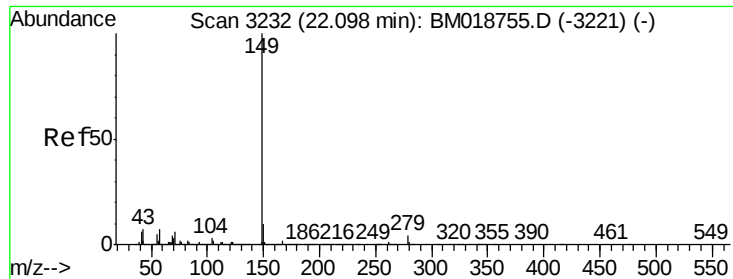
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.267 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 39.069 ng

RT: 22.06 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

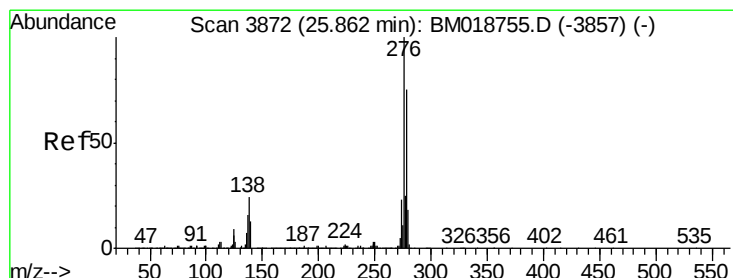
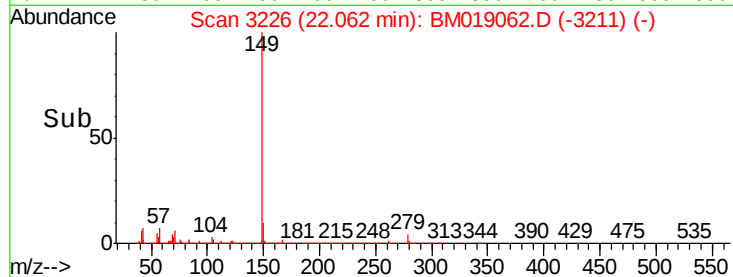
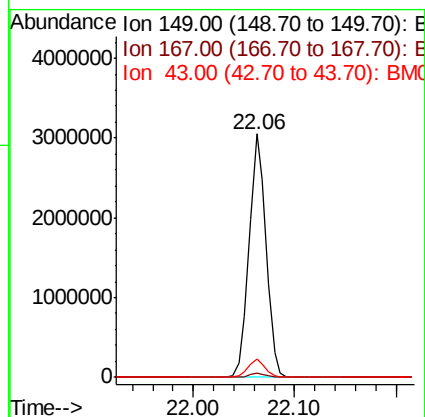
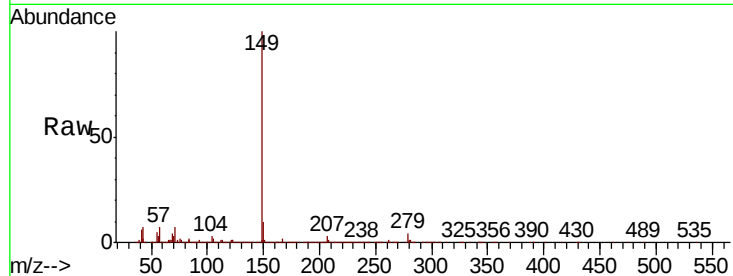
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	149	Resp:	3536876
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 32.405 ng

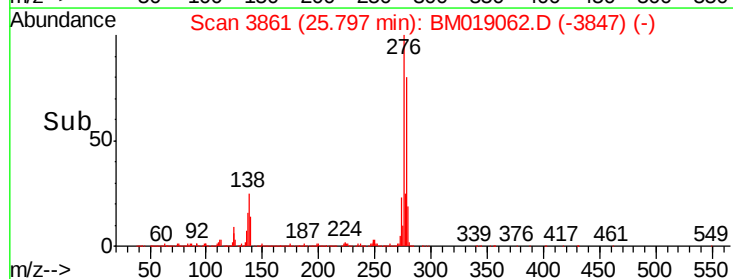
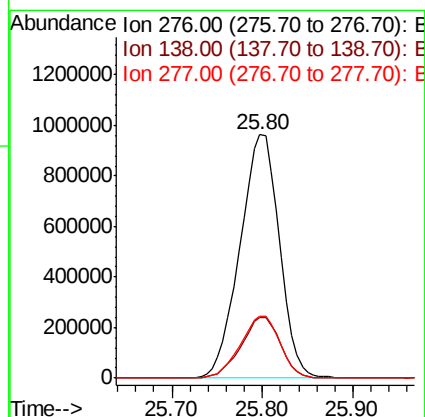
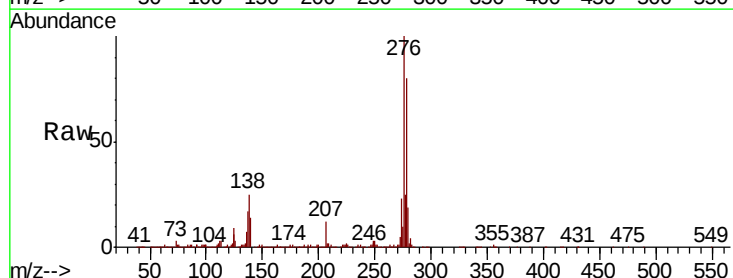
RT: 25.80 min Scan# 3861

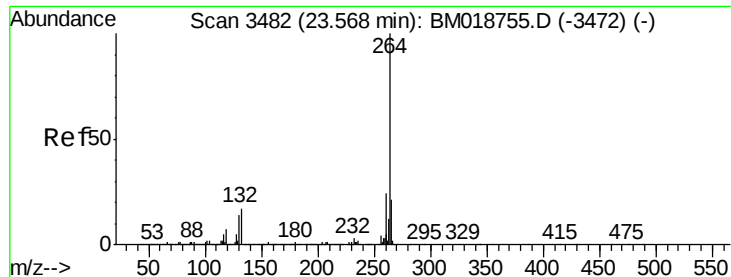
Delta R.T. -0.02 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

Tgt Ion:	276	Resp:	2906324
Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.2	30.4
277	25.5	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: BM019062.D

Acq: 06 Mar 2019 08:47

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:264 Resp: 1302498

Ion Ratio Lower Upper

264 100

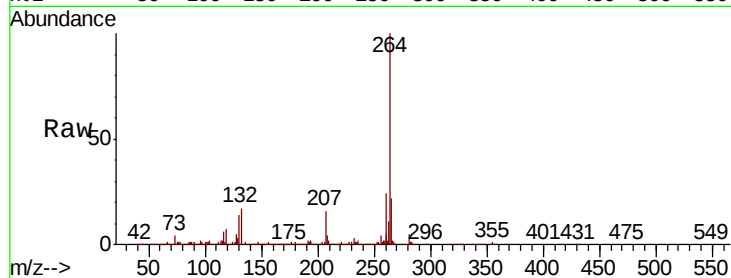
260 23.8 18.9 28.3

265 21.8 17.3 25.9

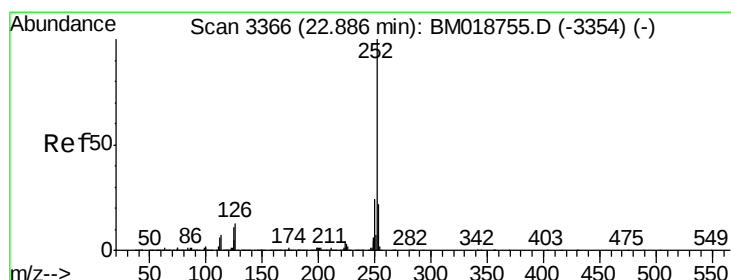
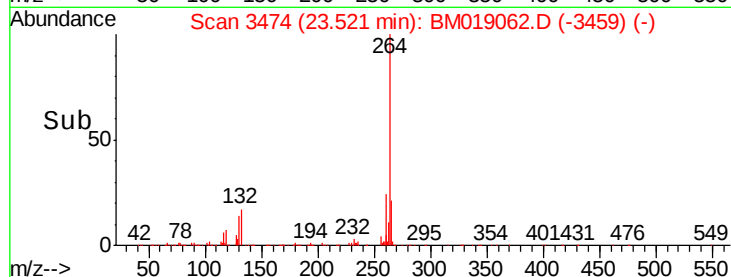
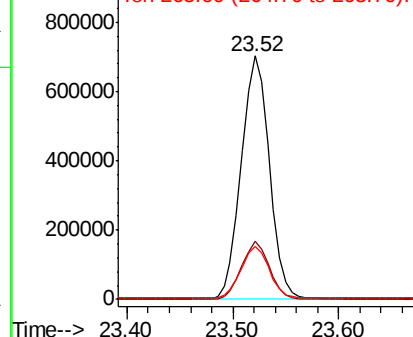
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.771 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM019062.D

Acq: 06 Mar 2019 08:47

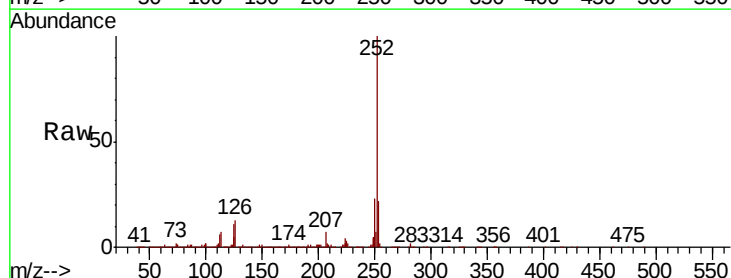
Tgt Ion:252 Resp: 2665718

Ion Ratio Lower Upper

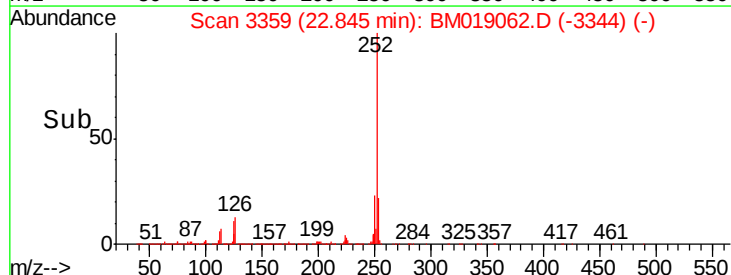
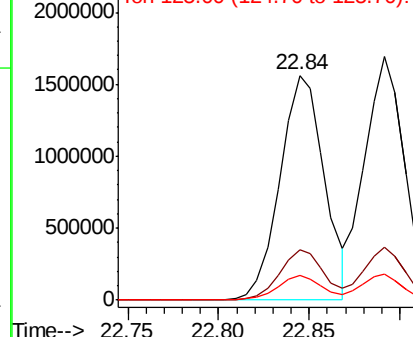
252 100

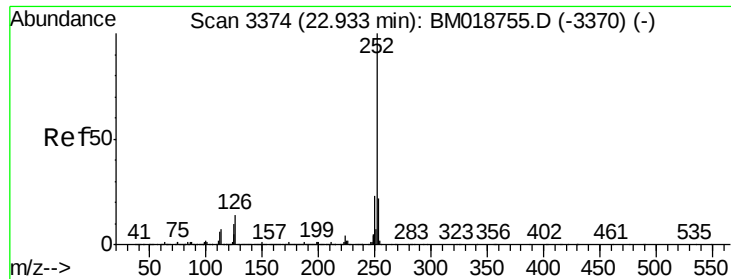
253 22.4 17.8 26.6

125 10.7 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





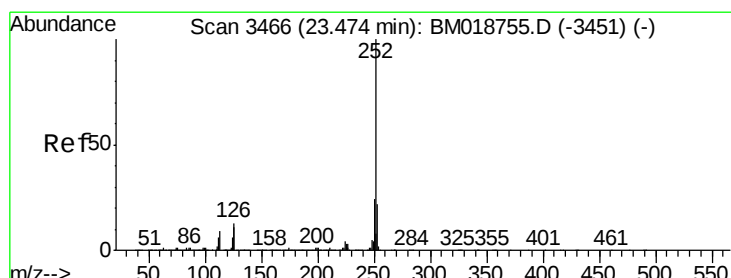
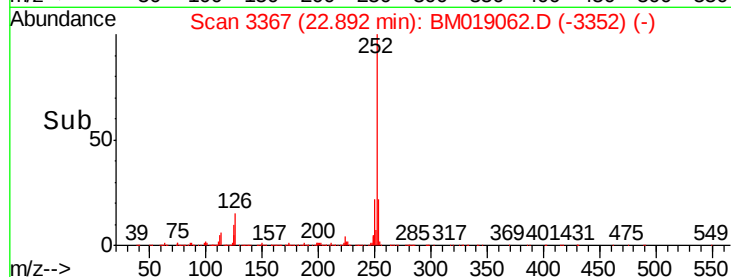
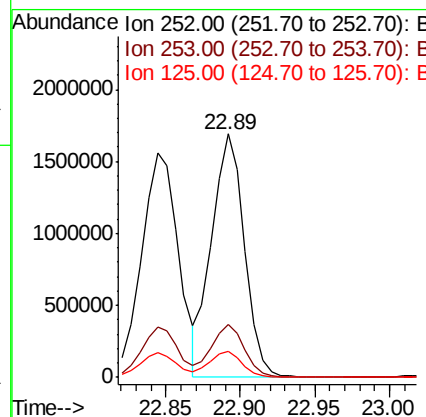
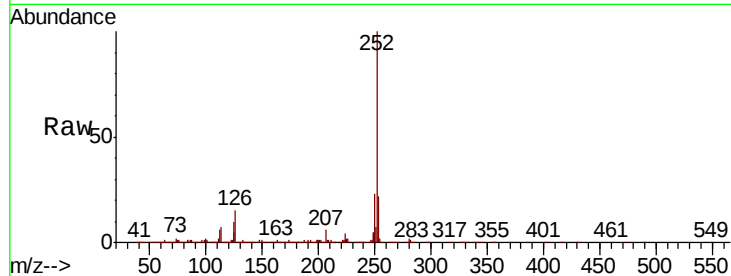
#89
Benzo(k)fluoranthene
Concen: 34.827 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.5	8.2	12.4

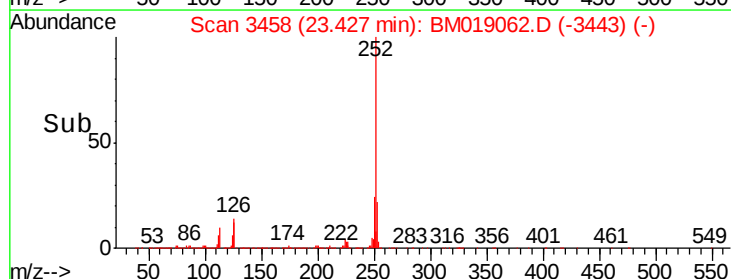
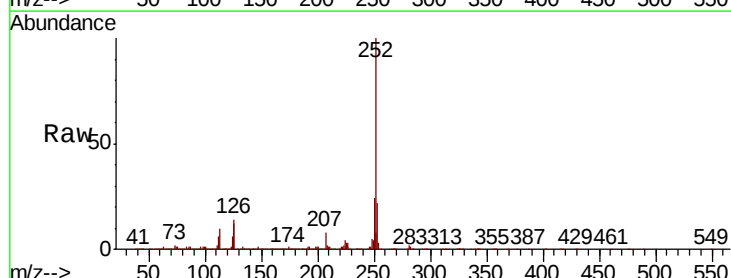
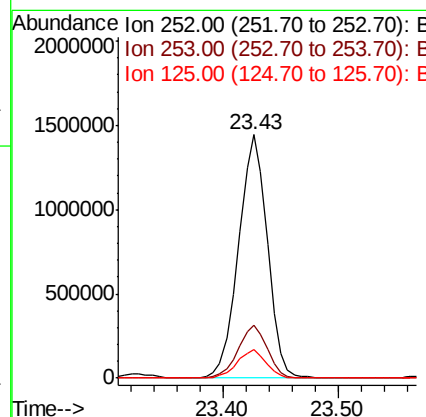
Manual Integrations
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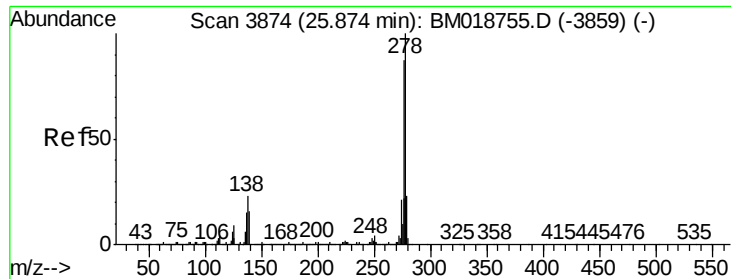
Sohil
3/6/2019 5:26:21 PM



#90
Benzo(a)pyrene
Concen: 35.299 ng
RT: 23.43 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	11.7	8.6	13.0





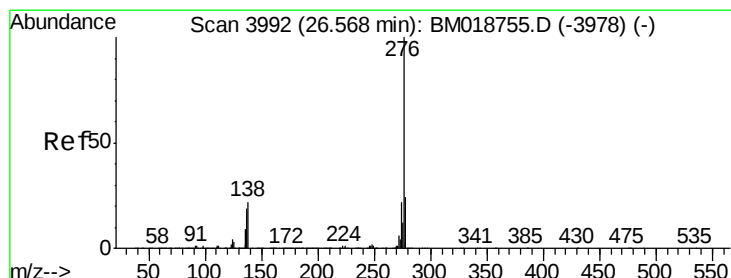
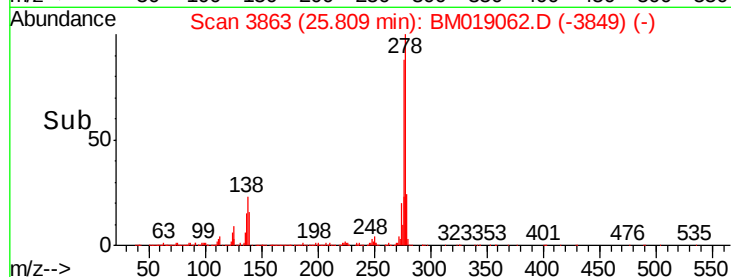
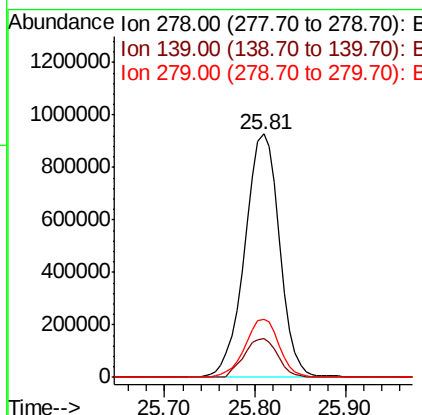
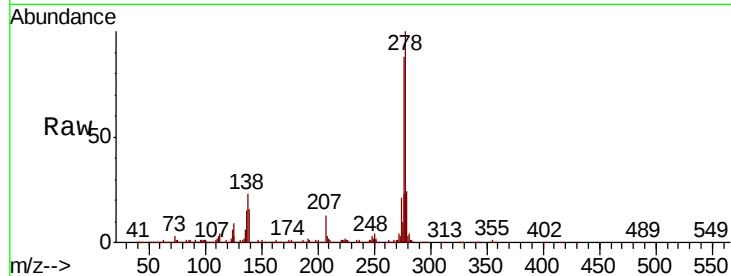
#91
Dibenzo(a,h)anthracene
Concen: 35.377 ng
RT: 25.81 min Scan# 3863
Delta R.T. -0.02 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	18.8
279	23.7	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/6/2019 5:26:21 PM



#92
Benzo(g,h,i)perylene
Concen: 36.217 ng
RT: 26.50 min Scan# 3980
Delta R.T. -0.02 min
Lab File: BM019062.D
Acq: 06 Mar 2019 08:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.5	17.3	25.9

