

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020717.D
 Acq On : 05 Jun 2019 01:29
 Operator : HP/JU
 Sample : PB120308BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

Manual Integrations
 APPROVED

mohammad
 6/5/2019 3:41:46 PM

Quant Time: Jun 05 04:05:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 31 15:48:49 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	322579	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1216293	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	623241	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1221840	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1061144	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1241705	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2517895	137.30	ng	0.00
7) Phenol-d6	6.99	99	3231269	119.67	ng	0.00
23) Nitrobenzene-d5	8.99	82	1960467	83.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1055292	136.66	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4203445	89.66	ng	-0.01
79) Terphenyl-d14	19.83	244	4873157	76.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	303184	40.381	ng	97
3) Pyridine	3.74	79	873465	36.565	ng	98
4) n-Nitrosodimethylamine	3.66	42	390915	37.962	ng	96
6) Aniline	7.16	93	1062024	27.182	ng	98
8) 2-Chlorophenol	7.39	128	968413	42.449	ng	98
9) Benzaldehyde	6.97	77	300170	15.421	ng	96
10) Phenol	7.02	94	1179048	40.518	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	885818	38.198	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1037751	39.580	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1051886	39.464	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1007615	38.845	ng	99
15) Benzyl Alcohol	8.06	79	854122	35.756	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1217221	33.997	ng	98
17) 2-Methylphenol	8.26	107	780112	38.125	ng	98
18) Hexachloroethane	8.90	117	384732	37.700	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	713804	32.886	ng	97
20) 3+4-Methylphenols	8.59	107	1029866	36.993	ng	98
22) Acetophenone	8.65	105	1351241	43.732	ng	98
24) Nitrobenzene	9.03	77	1054375	43.996	ng	98
25) Isophorone	9.55	82	1838468	39.371	ng	100
26) 2-Nitrophenol	9.73	139	452562	50.669	ng	98
27) 2,4-Dimethylphenol	9.79	122	823350	49.195	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1137557	40.290	ng	100
29) 2,4-Dichlorophenol	10.26	162	843577	45.557	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	951740	44.700	ng	99
31) Naphthalene	10.67	128	2750998	43.984	ng	100
32) Benzoic acid	9.92	122	451817m	43.436	ng	
33) 4-Chloroaniline	10.78	127	474336	16.296	ng	97
34) Hexachlorobutadiene	10.94	225	554878	43.434	ng	99
35) Caprolactam	11.57	113	236607m	36.781	ng	
36) 4-Chloro-3-methylphenol	11.90	107	851396	39.547	ng	99
37) 2-Methylnaphthalene	12.27	142	1957743	42.229	ng	100
38) 1-Methylnaphthalene	12.50	142	1851240	41.937	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1001200	49.020	ng	99

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 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1247728	102.146	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	623853	47.453	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	662724	48.828	ng	97
46) 1,1'-Biphenyl	13.29	154	2405277	46.210	ng	98
47) 2-Chloronaphthalene	13.33	162	1871440	44.547	ng	98
48) 2-Nitroaniline	13.54	65	519092	39.369	ng	90
49) Acenaphthylene	14.18	152	2885654	44.023	ng	100
50) Dimethylphthalate	13.92	163	2171463	40.781	ng	100
51) 2,6-Dinitrotoluene	14.04	165	467772	43.265	ng	89
52) Acenaphthene	14.53	154	1691743	43.309	ng	99
53) 3-Nitroaniline	14.37	138	296569	24.575	ng	92
54) 2,4-Dinitrophenol	14.57	184	386309	82.778	ng	93
55) Dibenzofuran	14.86	168	2629152	43.336	ng	98
56) 4-Nitrophenol	14.67	139	756280	85.044	ng	94
57) 2,4-Dinitrotoluene	14.83	165	620596	42.869	ng	95
58) Fluorene	15.51	166	2064997	41.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	546983	46.249	ng	98
60) Diethylphthalate	15.29	149	2117879	38.566	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1090133	41.267	ng	96
62) 4-Nitroaniline	15.53	138	456398	35.660	ng	95
63) Azobenzene	15.80	77	2021940	38.405	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	238443	43.827	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1779260	45.489	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	632148	43.942	ng	97
68) Hexachlorobenzene	16.50	284	719208	42.814	ng	99
69) Atrazine	16.67	200	562179	48.157	ng	99
70) Pentachlorophenol	16.85	266	823870	102.804	ng	99
71) Phenanthrene	17.25	178	2990255	43.176	ng	100
72) Anthracene	17.34	178	3064893	44.215	ng	99
73) Carbazole	17.61	167	2642296	42.005	ng	99
74) Di-n-butylphthalate	18.17	149	3231366	39.572	ng	100
75) Fluoranthene	19.26	202	3219121	41.796	ng	99
77) Benzidine	19.45	184	1442393	44.859	ng	99
78) Pyrene	19.62	202	3252367	39.940	ng	100
80) Butylbenzylphthalate	20.52	149	1288470	37.442	ng	96
81) Benzo(a)anthracene	21.36	228	3068981	41.531	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	949747	35.098	ng	99
83) Chrysene	21.41	228	3031383	43.155	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1801161	36.013	ng	100
85) Di-n-octyl phthalate	22.19	149	3039277	38.276	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4361310	60.690	ng	99
88) Benzo(b)fluoranthene	22.98	252	3350035	40.819	ng	99
89) Benzo(k)fluoranthene	23.02	252	3385498	42.212	ng	100
90) Benzo(a)pyrene	23.57	252	3364955	45.203	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3666469	50.768	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3526269	52.567	ng	98

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

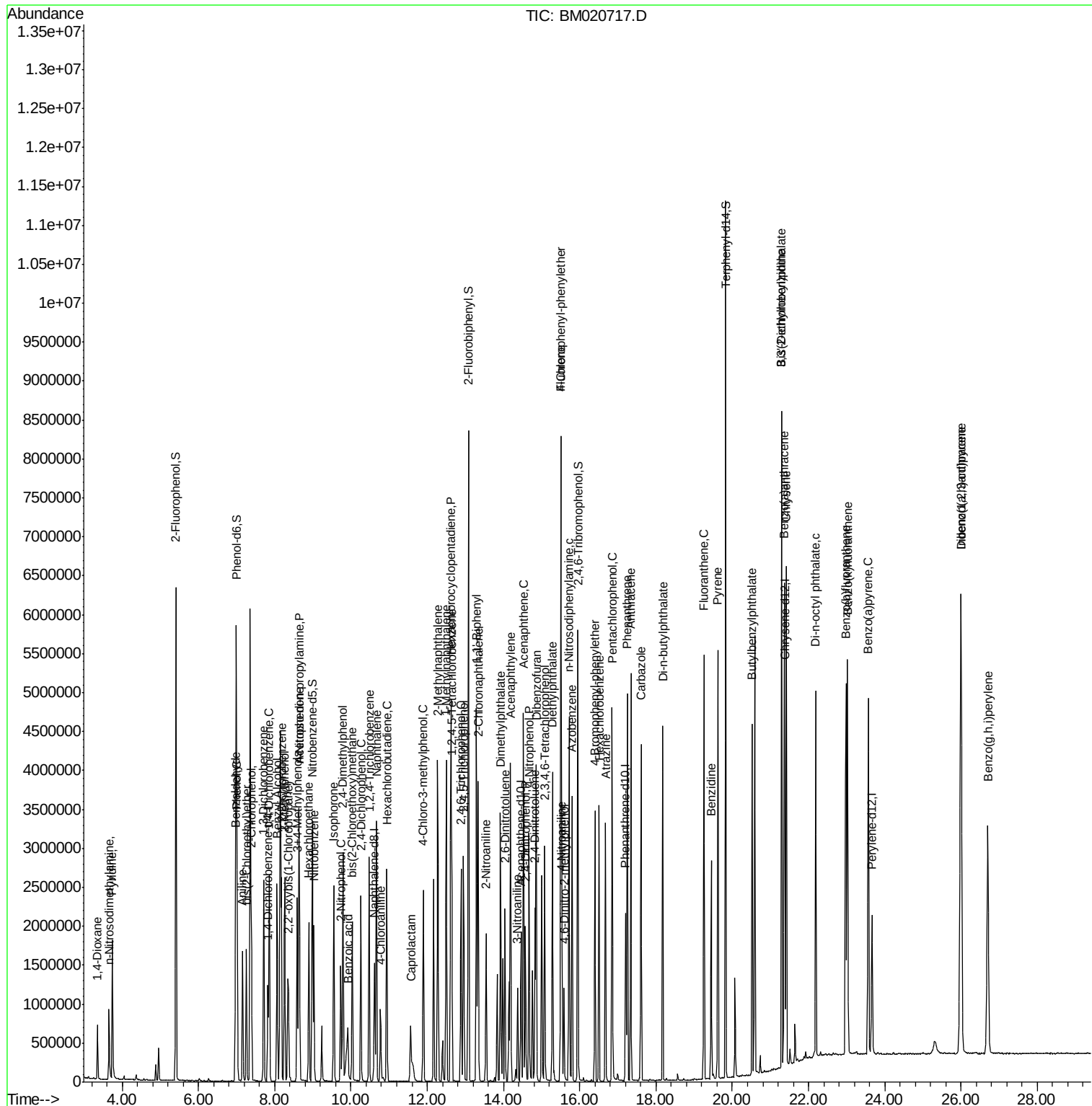
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
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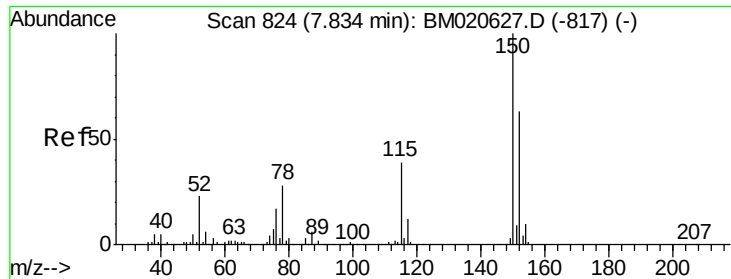
Instrument :
BNA_M
ClientSampleId :
PB120308BS

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#1

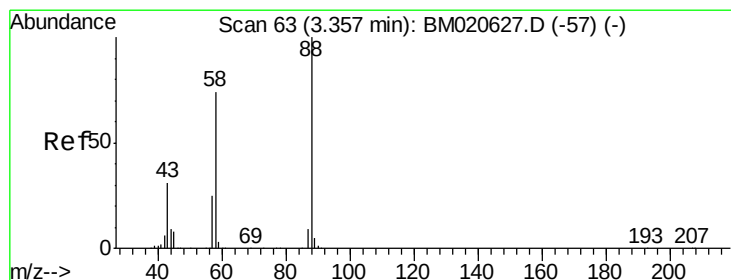
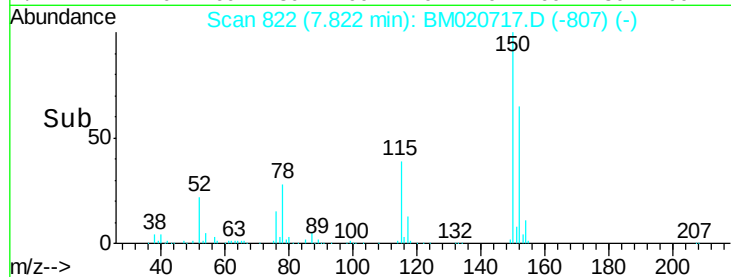
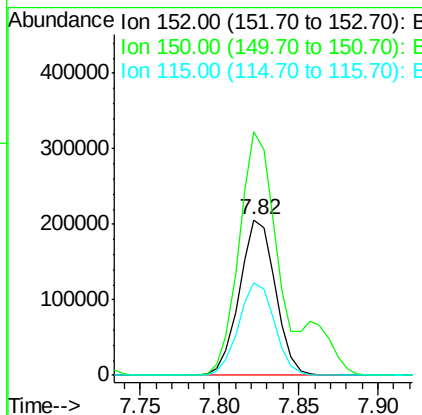
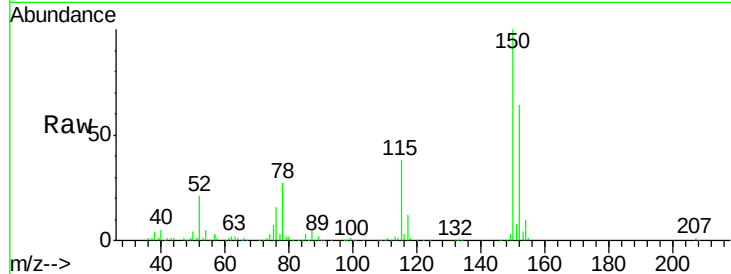
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.0	189.0
115	59.5	49.6	74.4

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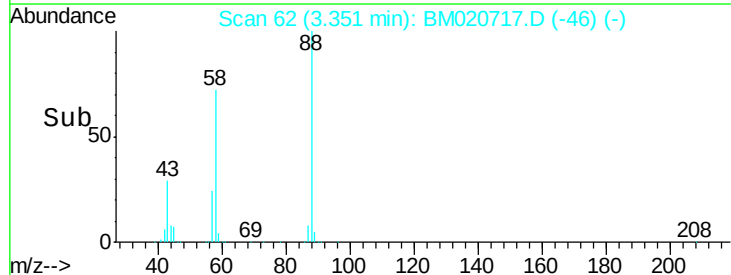
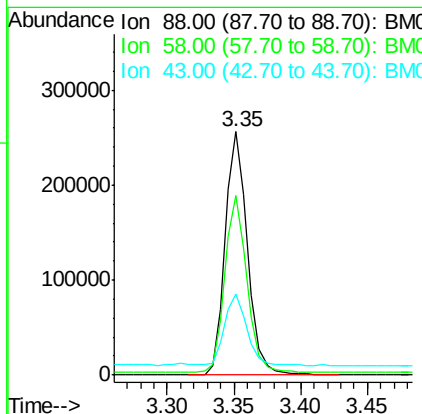
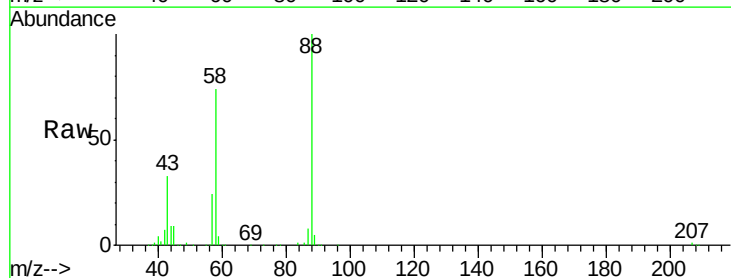
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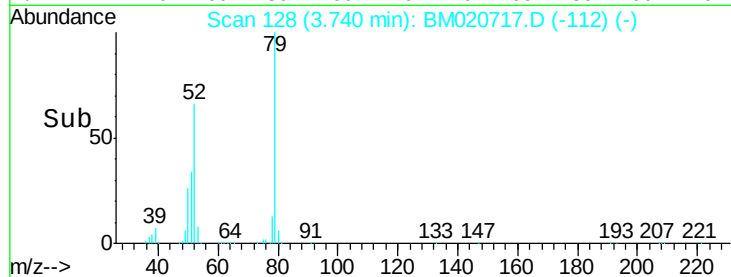
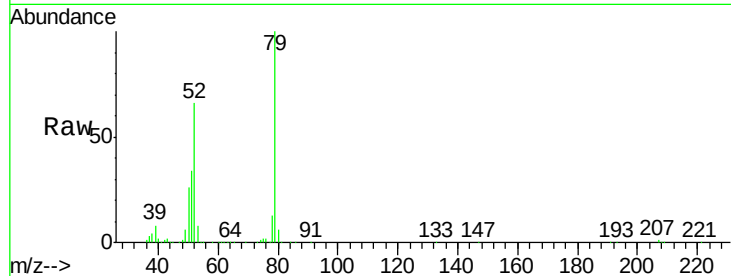
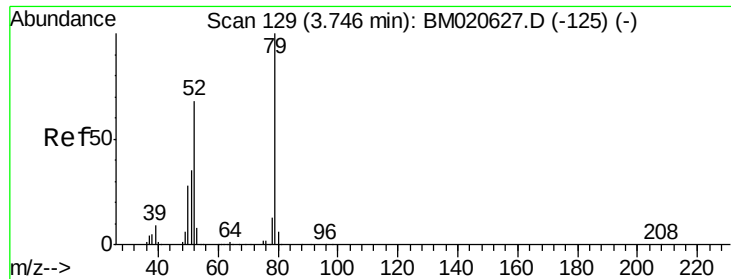


#2

1,4-Dioxane
Concen: 40.381 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	60.2	90.4
43	30.2	25.3	37.9





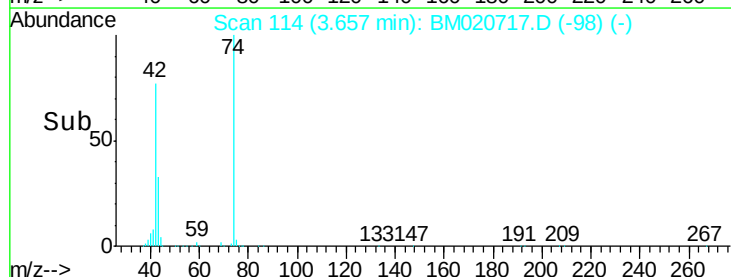
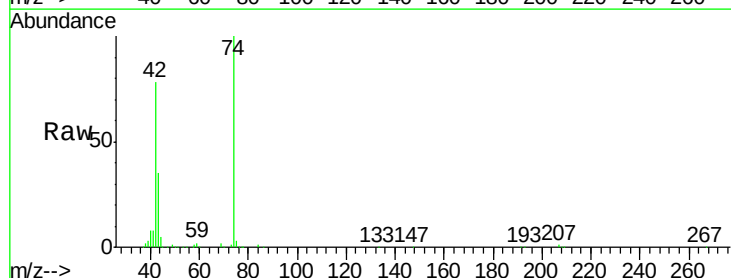
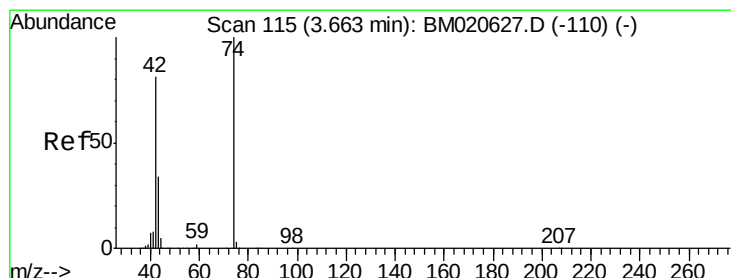
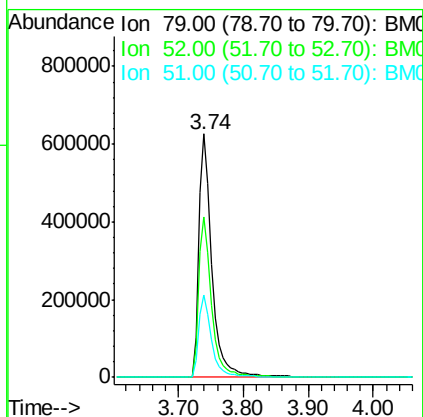
#3
 Pyridine
 Concen: 36.565 ng
 RT: 3.74 min Scan# 128
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
79	100		
52	66.0	54.1	81.1
51	33.8	28.6	42.8

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 PB120308BS

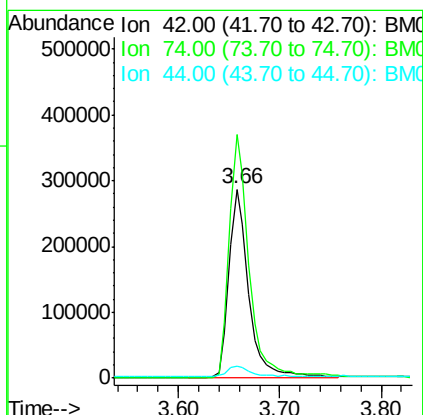
Manual Integrations
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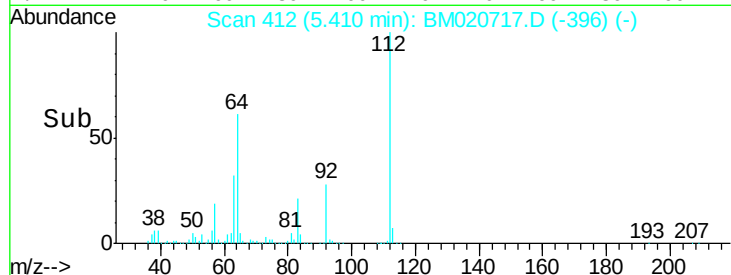
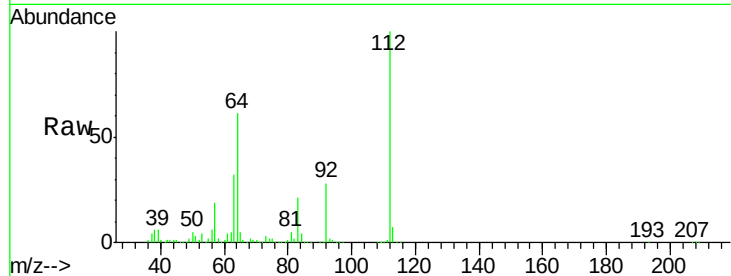
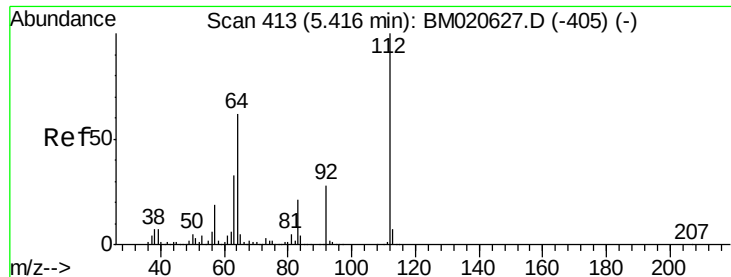
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#4
 n-Nitrosodimethylamine
 Concen: 37.962 ng
 RT: 3.66 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.8	99.4	149.0
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 137.304 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Tgt Ion: 112 Resp: 2517895

Ion Ratio Lower Upper

112 100

64 61.2 49.7 74.5

63 31.8 26.4 39.6

Instrument :

BNA_M

ClientSampleId :

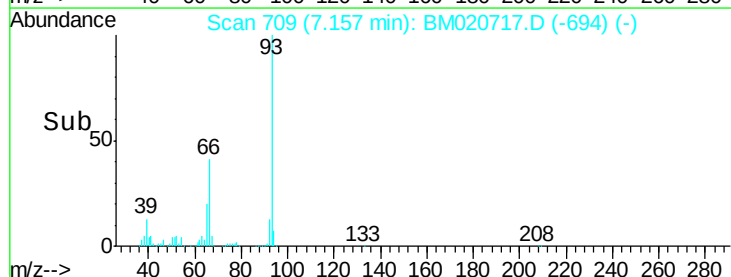
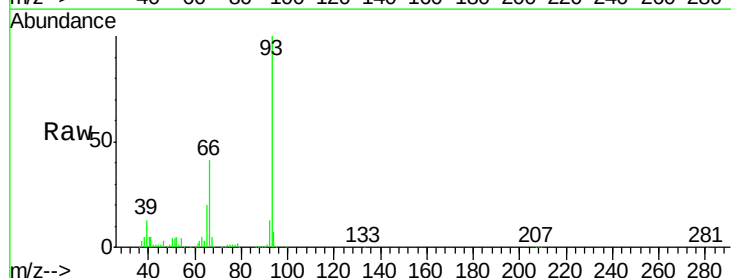
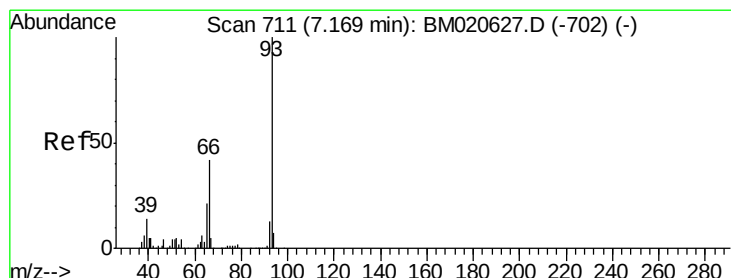
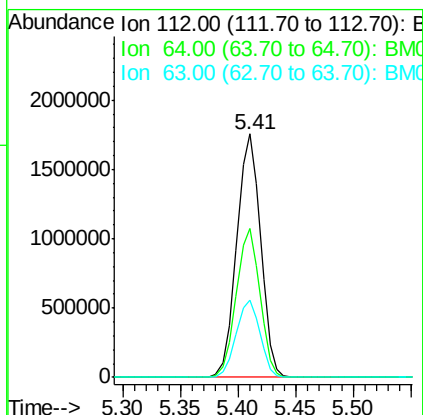
PB120308BS

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#6

Aniline

Concen: 27.182 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

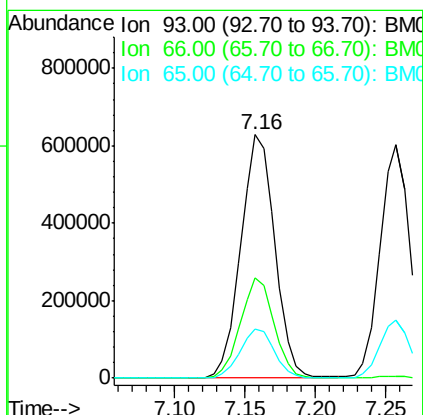
Tgt Ion: 93 Resp: 1062024

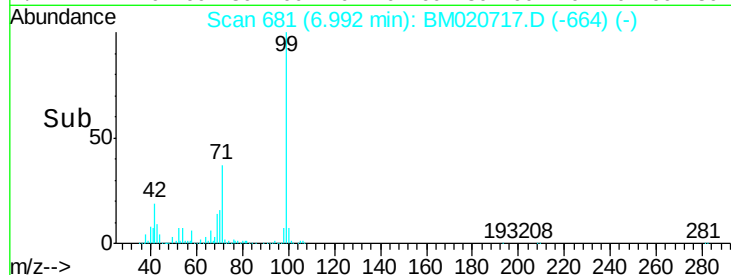
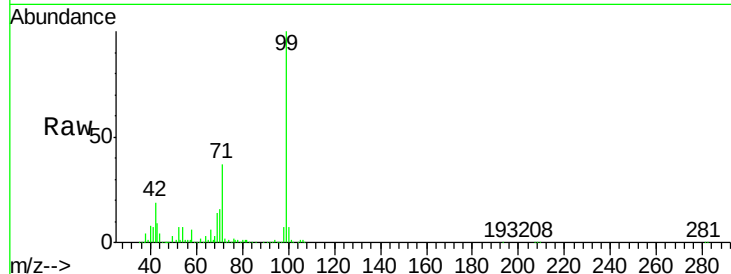
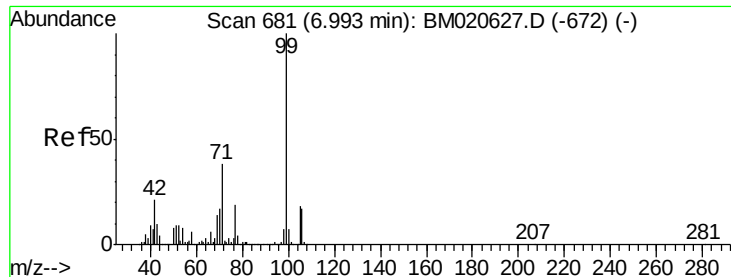
Ion Ratio Lower Upper

93 100

66 40.9 33.6 50.4

65 20.2 16.7 25.1





#7

Phenol-d6

Concen: 119.667 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Tgt Ion: 99 Resp: 3231269

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

71 37.1 30.7 46.1

Instrument :

BNA_M

ClientSampled :

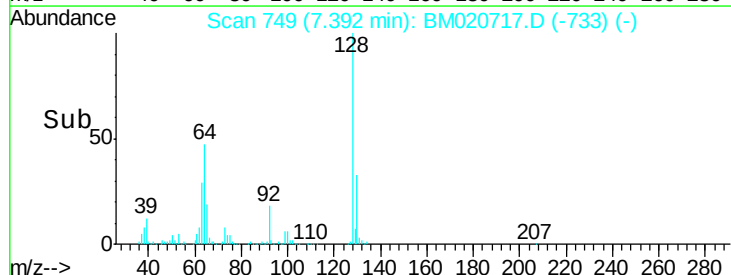
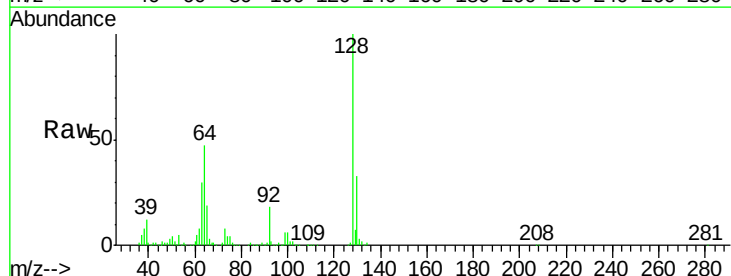
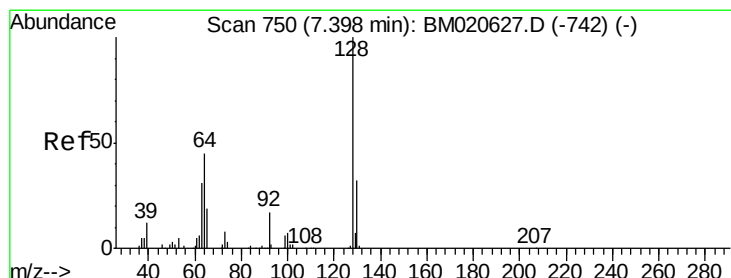
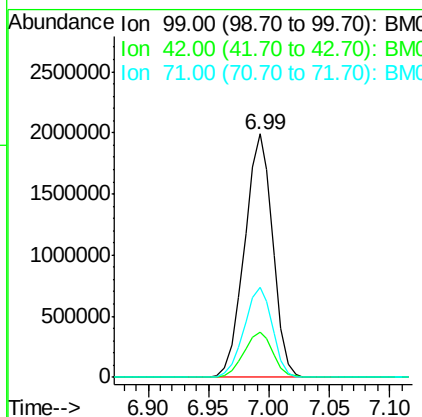
PB120308BS

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#8

2-Chlorophenol

Concen: 42.449 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

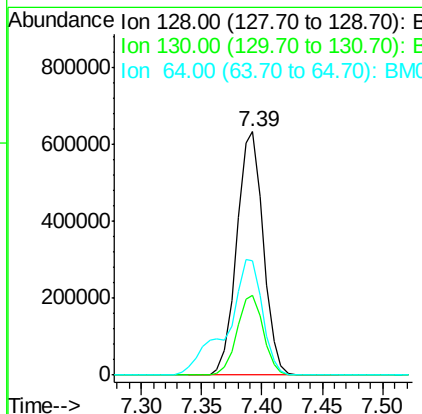
Tgt Ion: 128 Resp: 968413

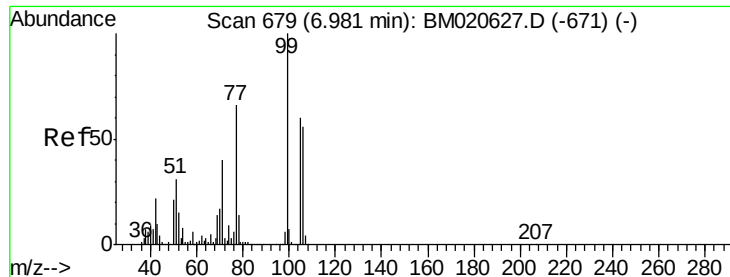
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 46.8 29.1 69.1





#9

Benzaldehyde

Concen: 15.421 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

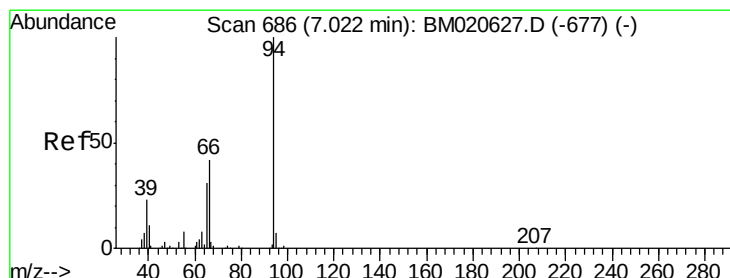
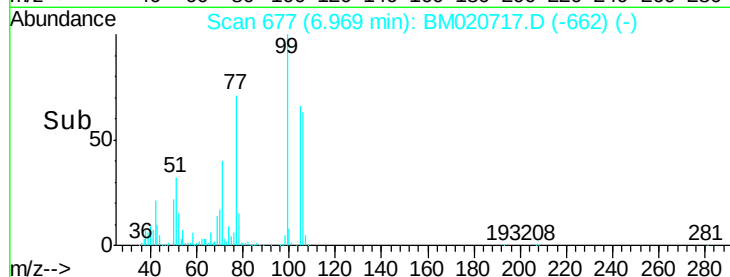
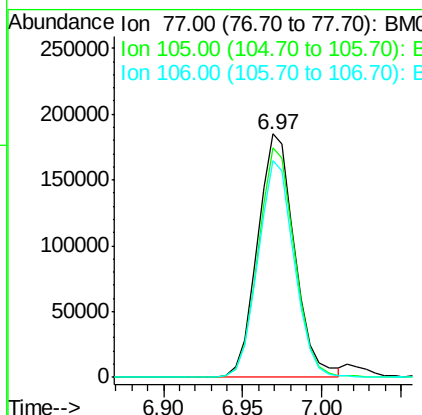
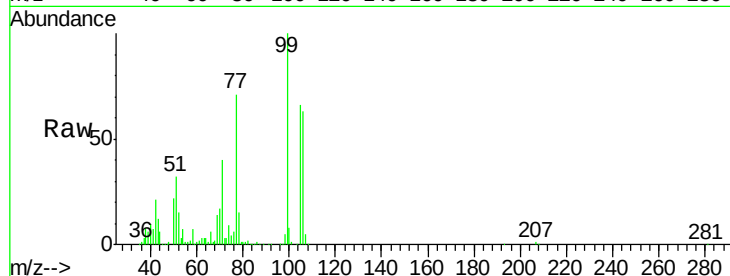
ClientSampleId :

PB120308BS

Tgt Ion:	77	Resp:	300170
Ion	Ratio	Lower	Upper
77	100		
105	94.2	70.6	110.6
106	88.9	64.9	104.9

Manual Integrations
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#10

Phenol

Concen: 40.518 ng

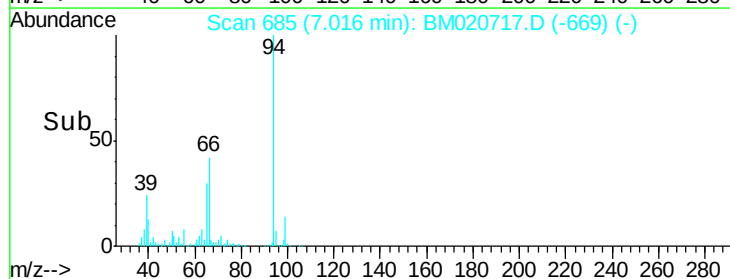
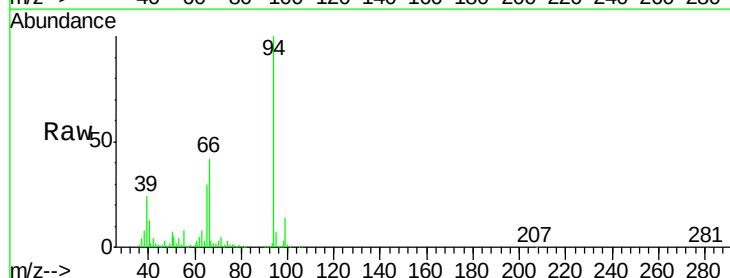
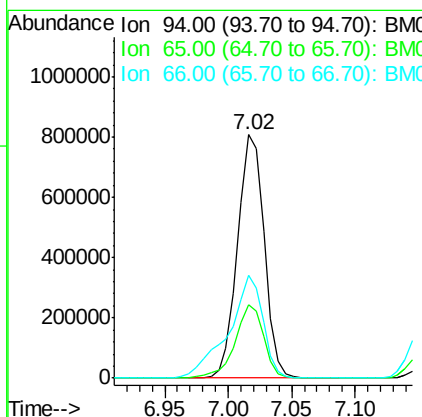
RT: 7.02 min Scan# 685

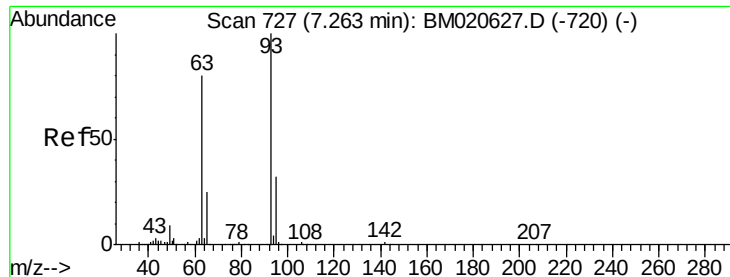
Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Tgt Ion:	94	Resp:	1179048
Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.7	50.7
66	42.0	22.3	62.3





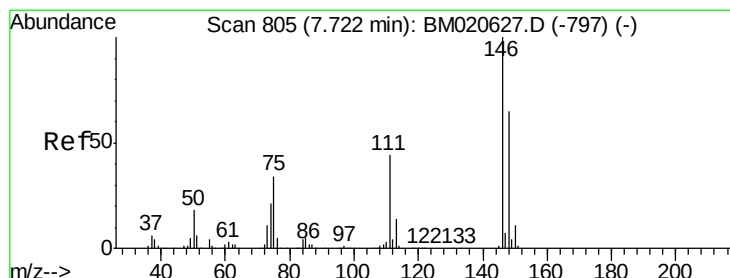
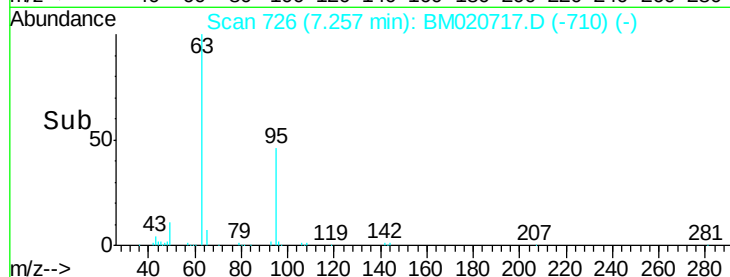
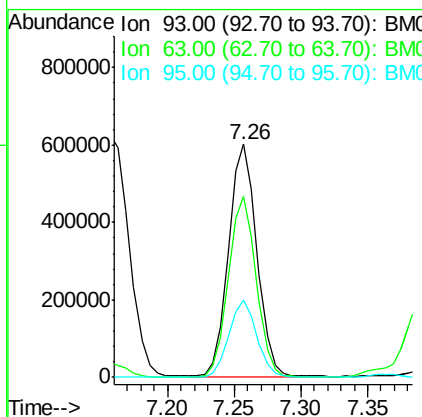
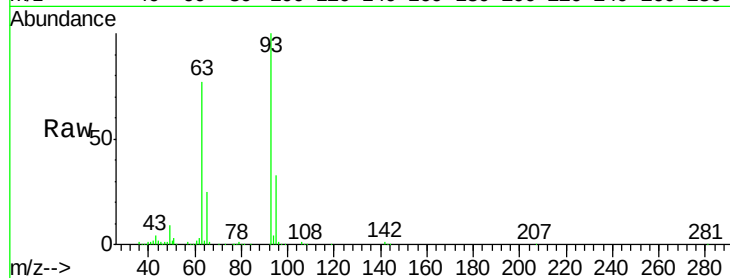
#11
bis(2-Chloroethyl)ether
Concen: 38.198 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	885818		
63	77.3	60.0	100.0	
95	33.2	12.2	52.2	

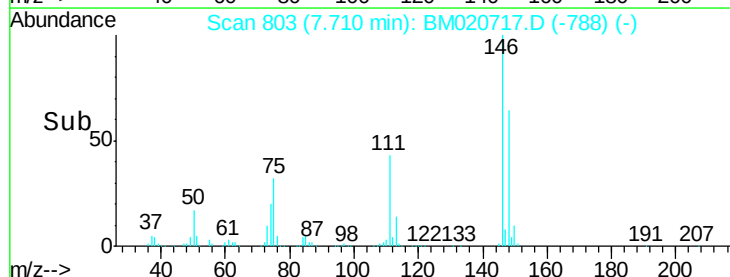
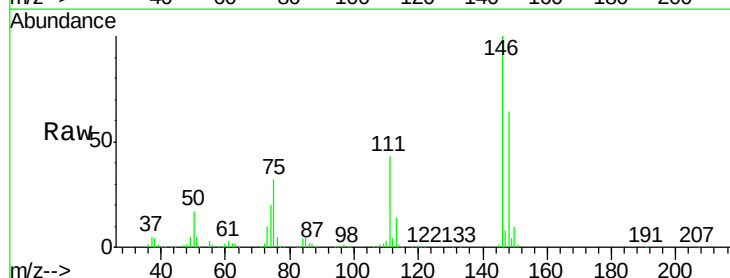
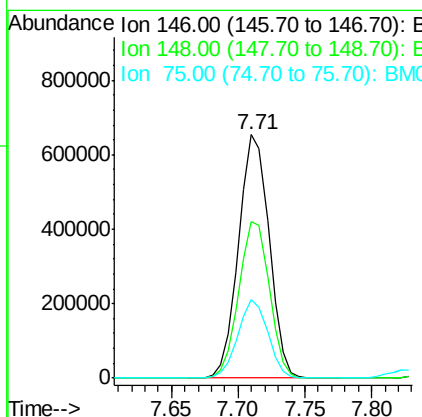
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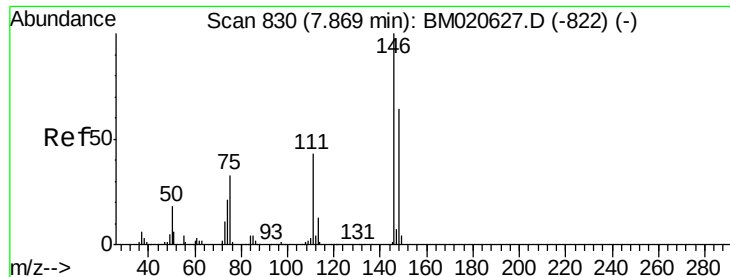
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.580 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1037751		
148	64.3	52.0	78.0	
75	32.4	27.0	40.4	





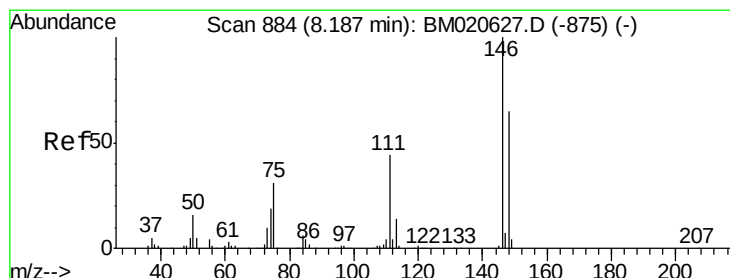
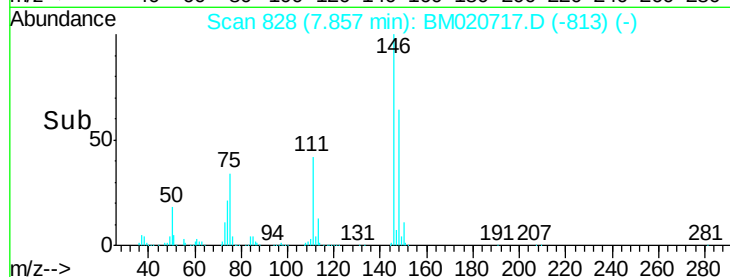
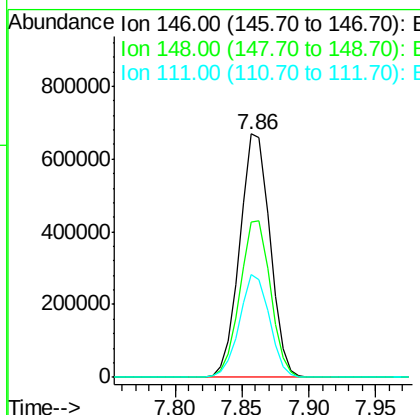
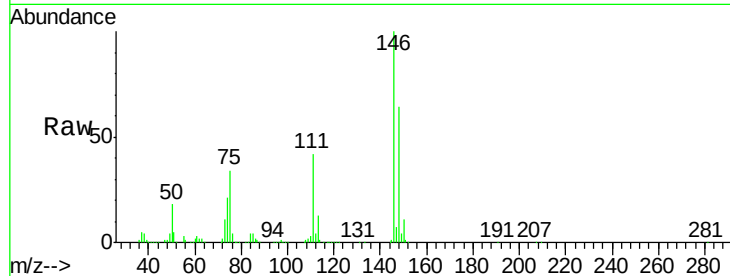
#13
 1,4-Dichlorobenzene
 Concen: 39.464 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

Tgt Ion:146 Resp: 1051886
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.4
 111 42.3 34.4 51.6

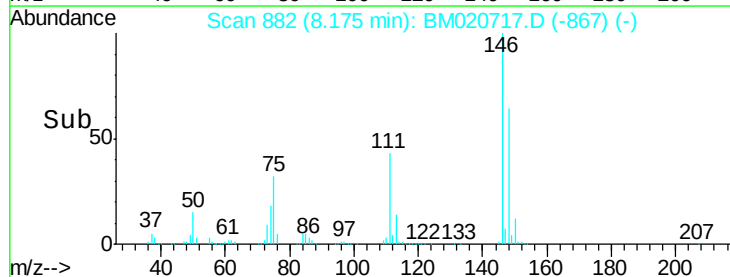
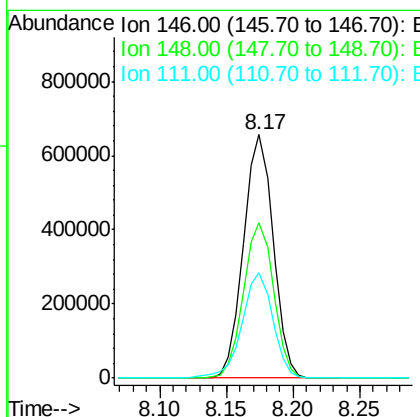
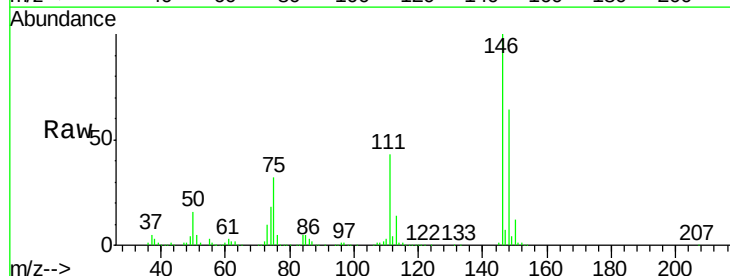
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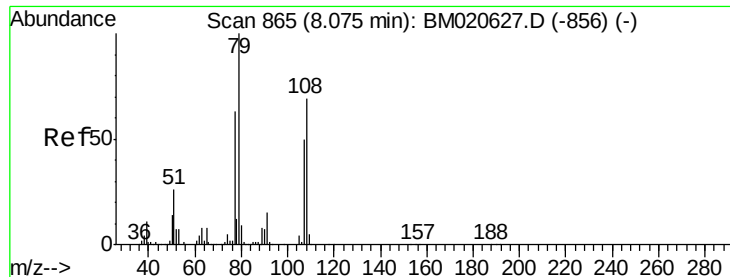
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#14
 1,2-Dichlorobenzene
 Concen: 38.845 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion:146 Resp: 1007615
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 111 43.4 35.1 52.7





#15

Benzyl Alcohol

Concen: 35.756 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

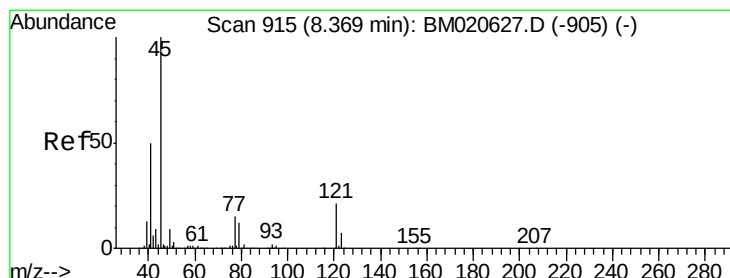
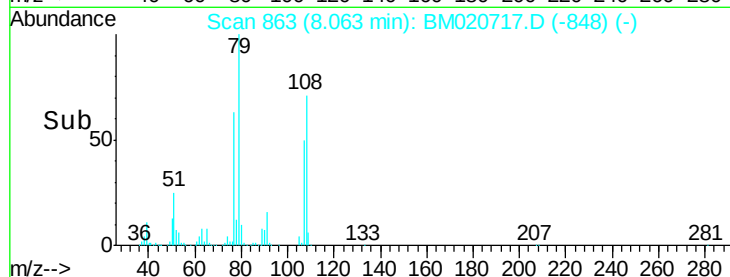
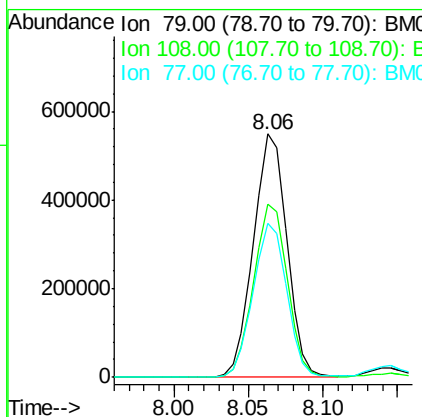
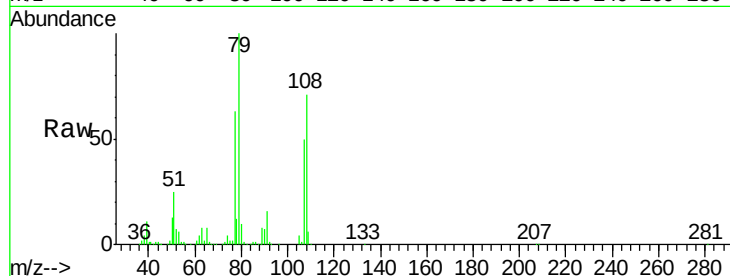
ClientSampleId :

PB120308BS

Tgt Ion:	79	Resp:	854122
Ion	Ratio	Lower	Upper
79	100		
108	71.3	54.9	82.3
77	63.3	50.2	75.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.997 ng

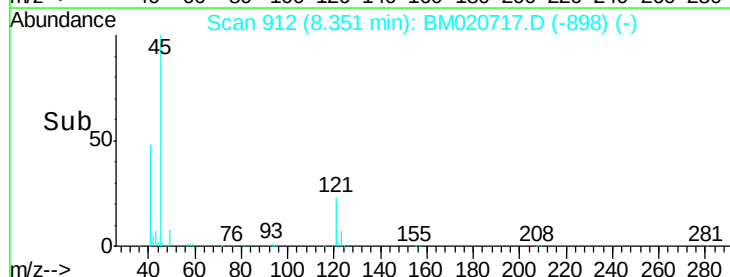
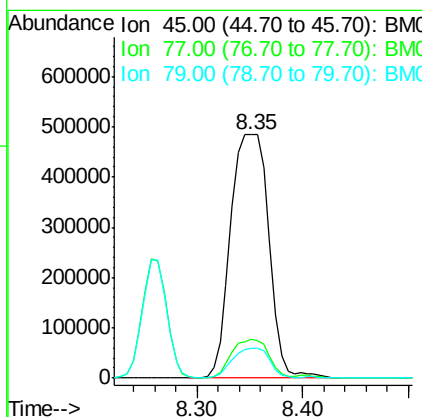
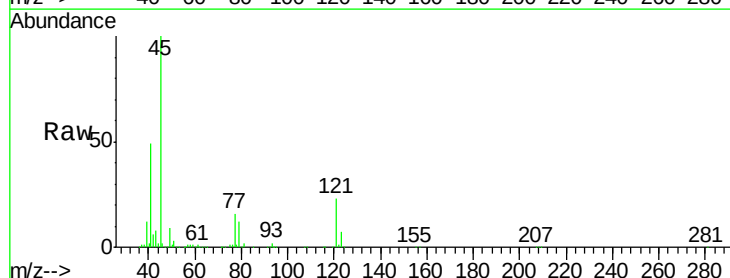
RT: 8.35 min Scan# 912

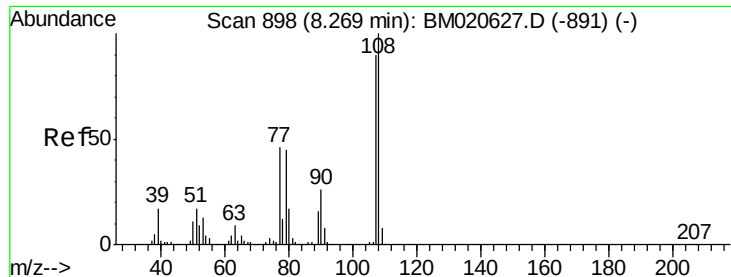
Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Tgt Ion:	45	Resp:	1217221
Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	34.9
79	12.4	0.0	31.8





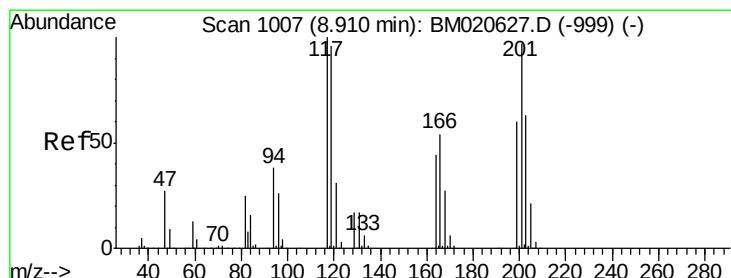
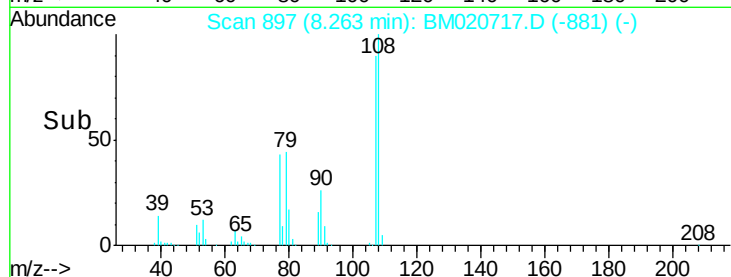
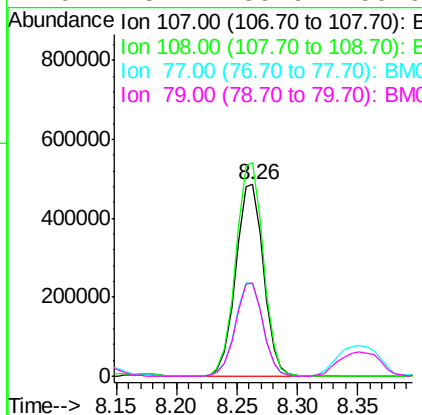
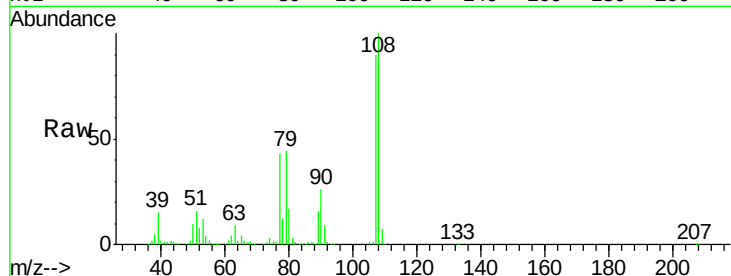
#17
2-Methylphenol
Concen: 38.125 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	111.3	88.6	133.0	
77	47.9	40.6	61.0	
79	48.4	39.9	59.9	

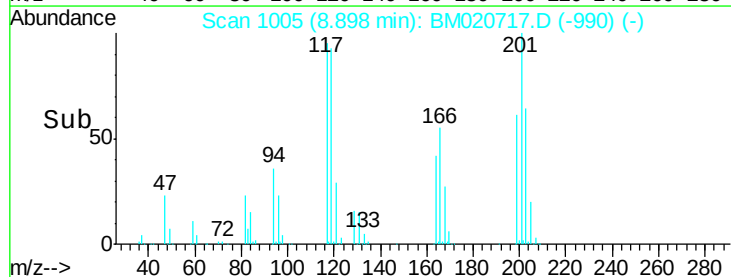
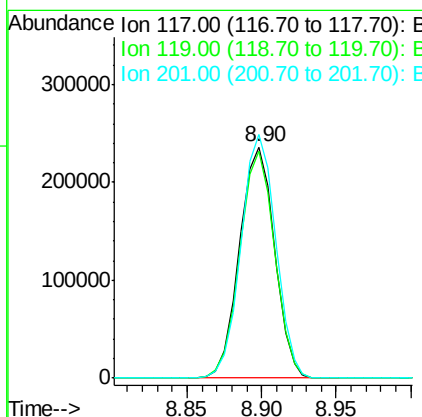
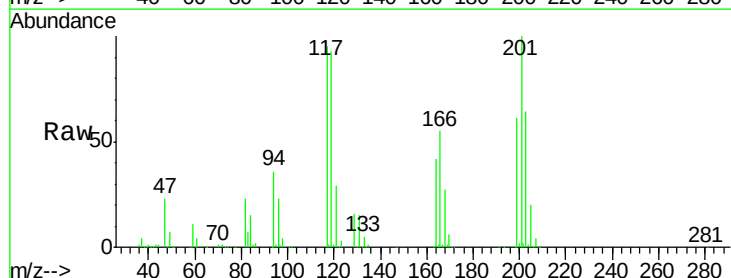
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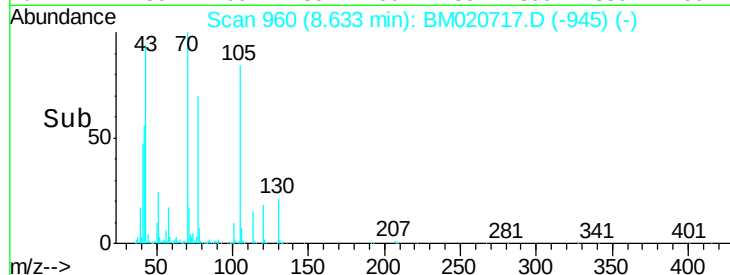
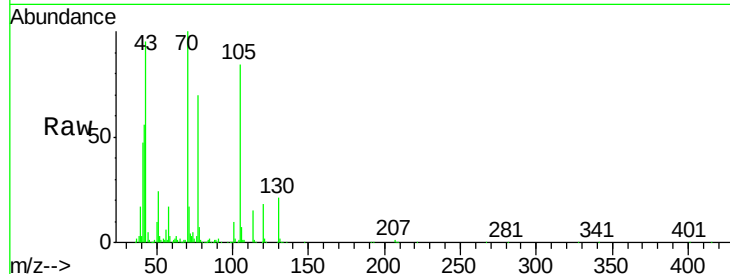
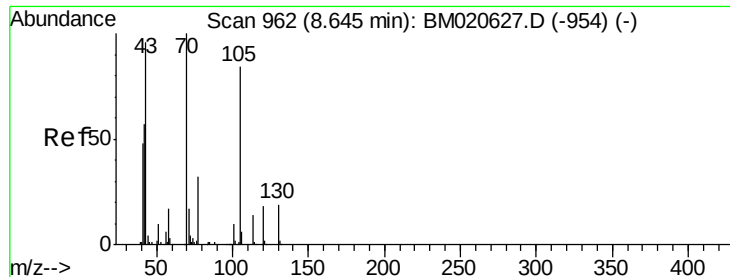
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#18
Hexachloroethane
Concen: 37.700 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt	Ion	Resp	Lower	Upper
117	100			
119	98.2	76.7	115.1	
201	105.4	77.9	116.9	





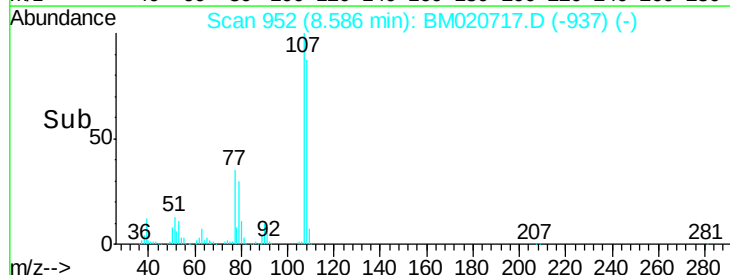
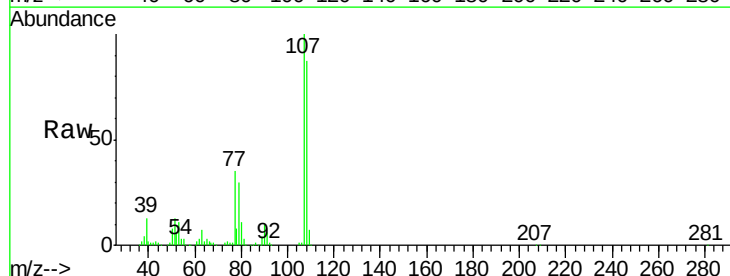
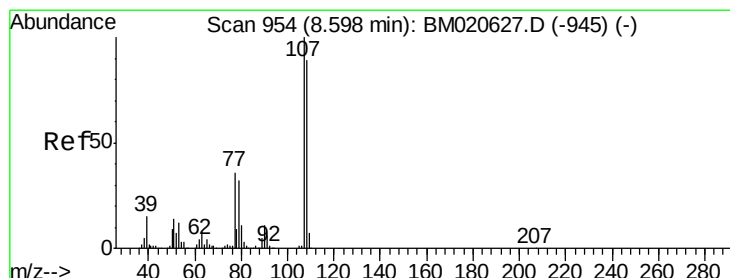
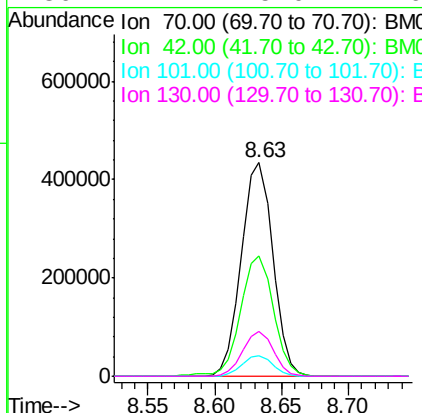
#19
n-Nitroso-di-n-propylamine
Concen: 32.886 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

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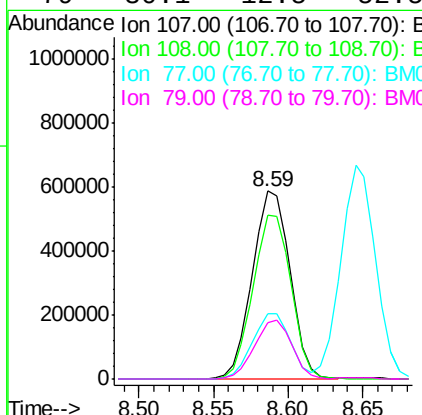
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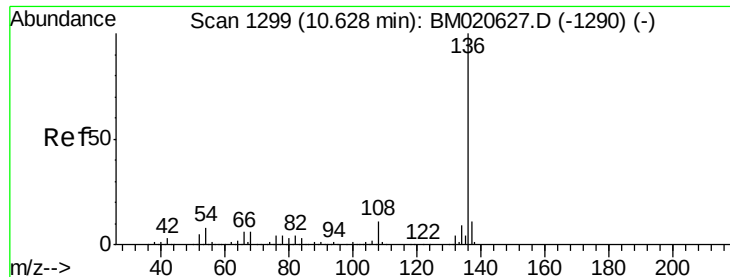
Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.4	46.8	70.2
101	9.9	7.8	11.6
130	21.2	15.0	22.6



#20
3+4-Methylphenols
Concen: 36.993 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	69.2	109.2
77	34.8	16.2	56.2
79	30.1	12.5	52.5





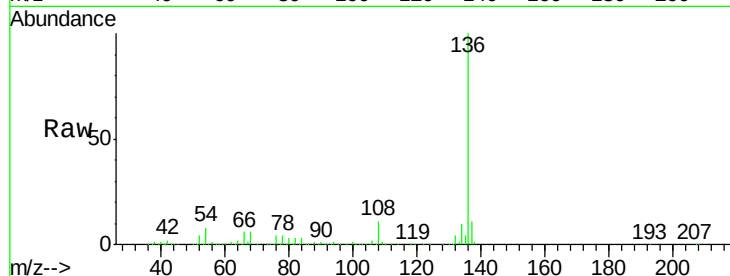
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

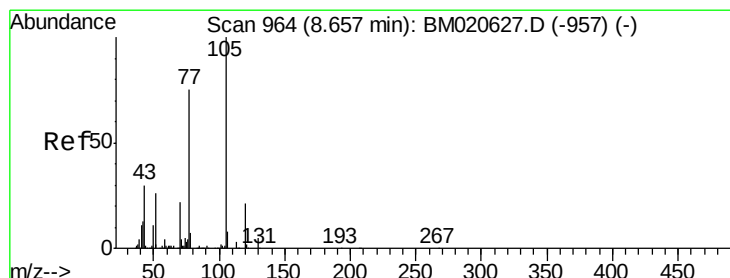
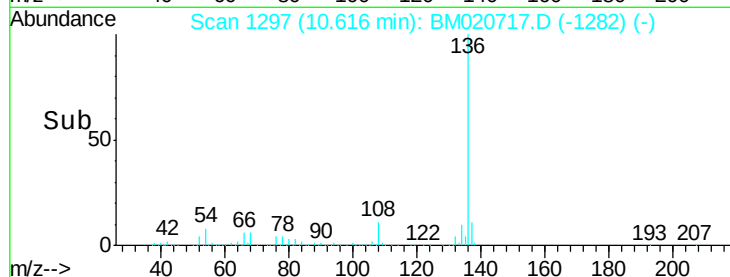
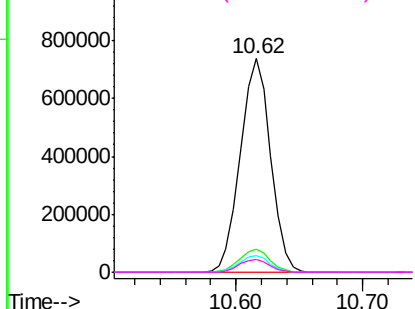
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	6.6	10.0
68	5.8	5.1	7.7

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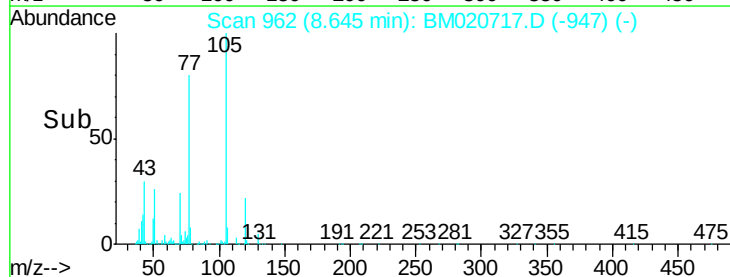
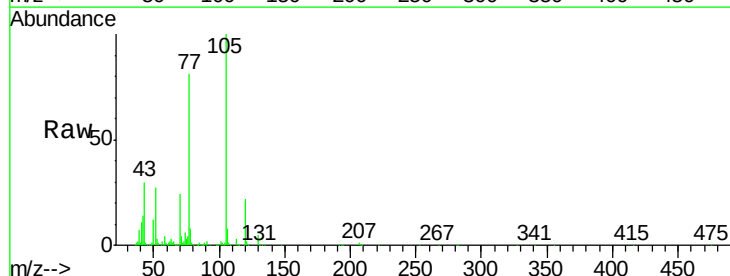
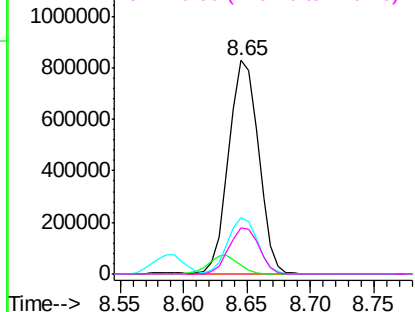
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

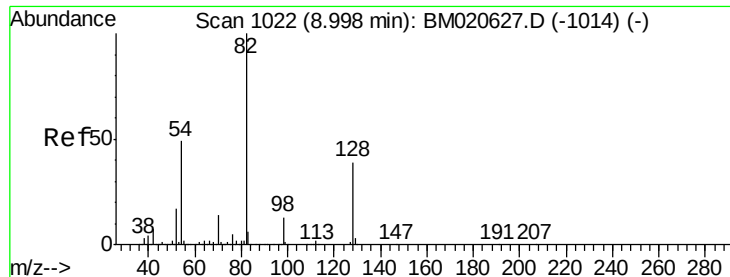


#22
Acetophenone
Concen: 43.732 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.2	4.8
51	26.6	22.8	34.2
120	21.8	17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.512 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

Tgt Ion: 82 Resp: 1960467

Ion Ratio Lower Upper

82 100

128 40.8 31.5 47.3

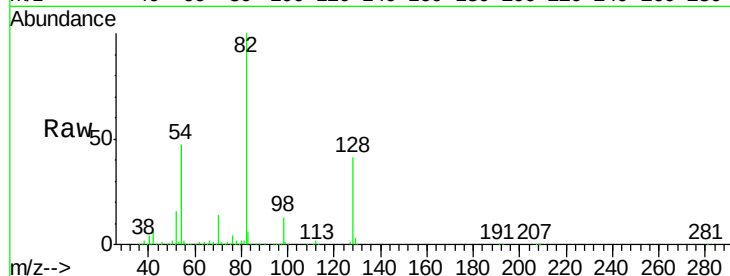
54 47.4 39.4 59.0

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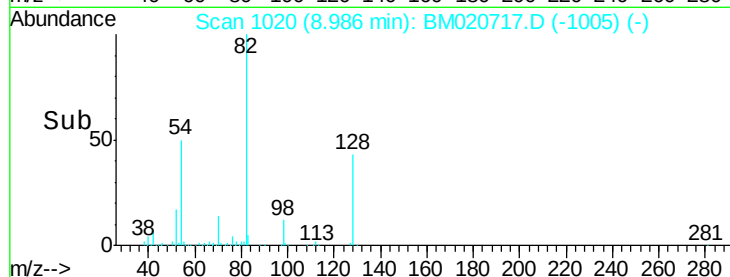


Abundance Ion 82.00 (81.70 to 82.70): BM020717.D (-1005) (-)

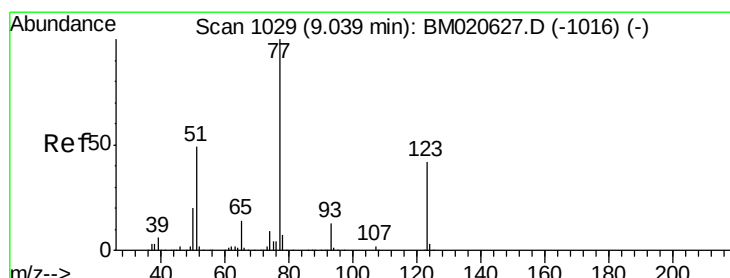
Ion 128.00 (127.70 to 128.70): BM020717.D (-1005) (-)

Ion 54.00 (53.70 to 54.70): BM020717.D (-1005) (-)

Time-->



Time-->



#24

Nitrobenzene

Concen: 43.996 ng

RT: 9.03 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

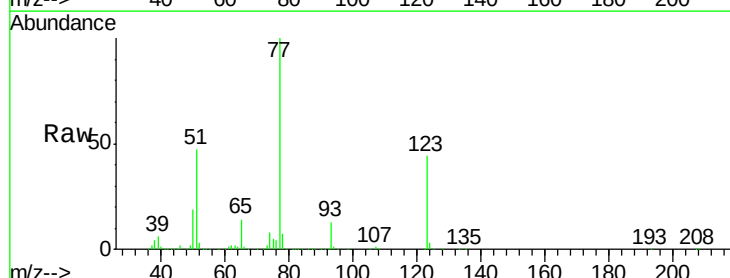
Tgt Ion: 77 Resp: 1054375

Ion Ratio Lower Upper

77 100

123 44.0 33.7 50.5

65 13.7 11.0 16.6

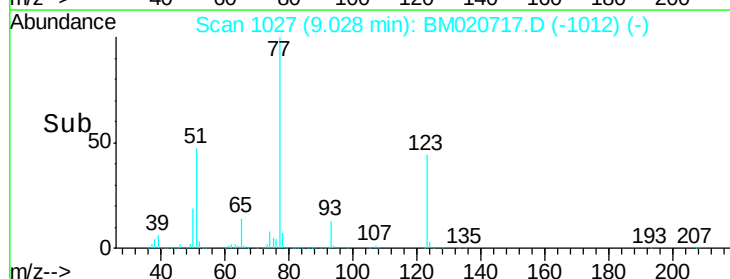


Abundance Ion 77.00 (76.70 to 77.70): BM020717.D (-1012) (-)

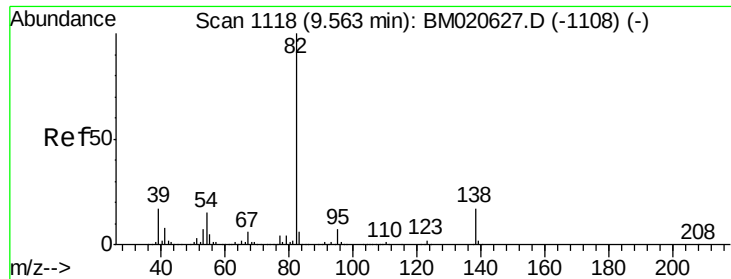
Ion 123.00 (122.70 to 123.70): BM020717.D (-1012) (-)

Ion 65.00 (64.70 to 65.70): BM020717.D (-1012) (-)

Time-->



Time-->



#25

Isophorone

Concen: 39.371 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

Tgt Ion: 82 Resp: 1838468

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

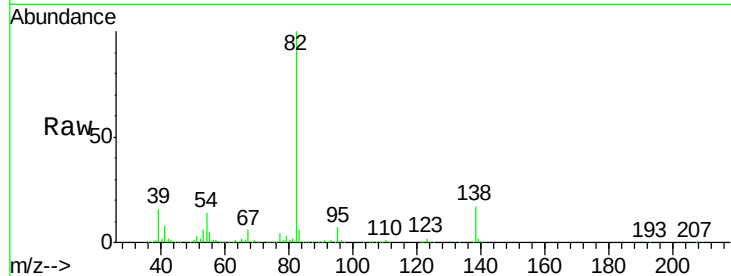
138 17.4 13.8 20.8

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Abundance Ion 82.00 (81.70 to 82.70): BM020717.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020717.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020717.D (-1116) (-)

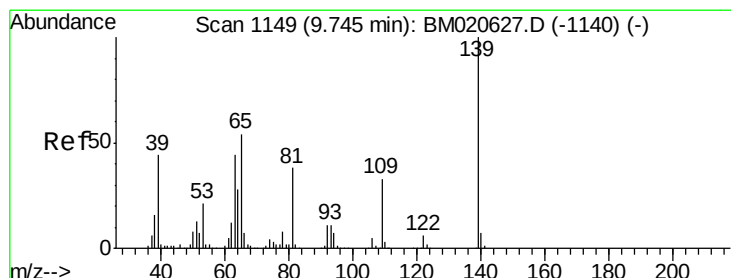
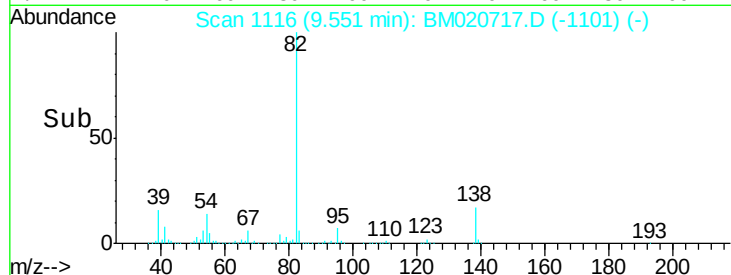
9.55

1000000

500000

0

Time-->



#26

2-Nitrophenol

Concen: 50.669 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

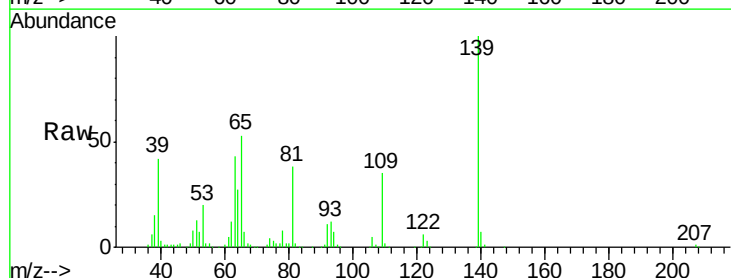
Tgt Ion: 139 Resp: 452562

Ion Ratio Lower Upper

139 100

109 34.9 26.1 39.1

65 53.4 43.4 65.0



Abundance Ion 139.00 (138.70 to 139.70): BM020717.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020717.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020717.D (-1147) (-)

9.73

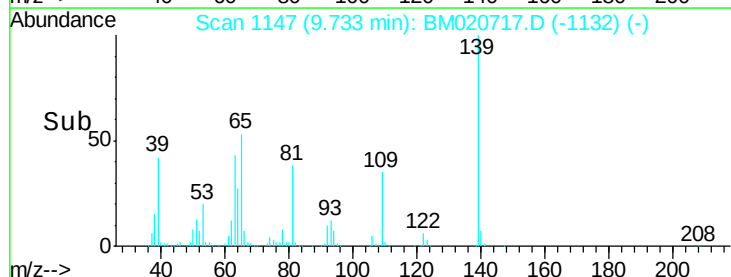
300000

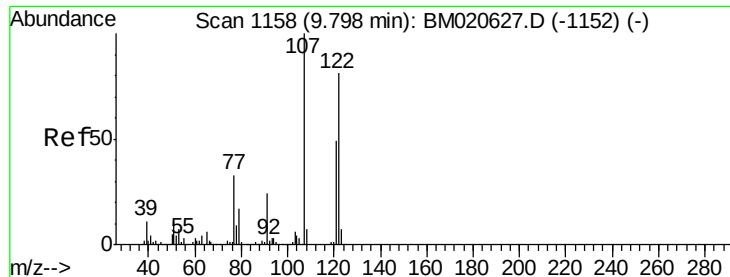
200000

100000

0

Time-->





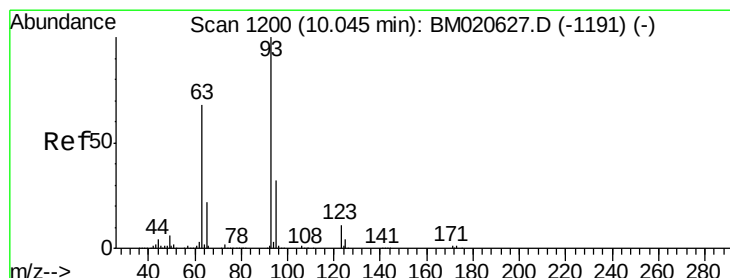
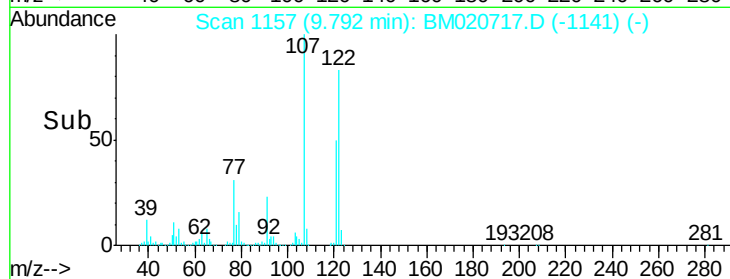
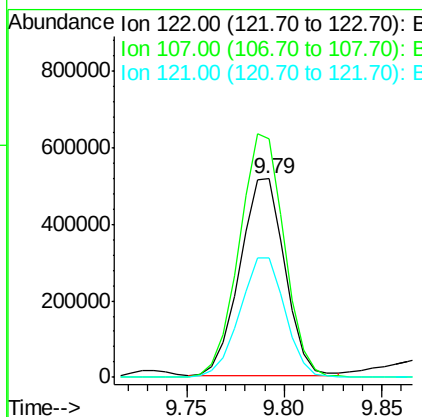
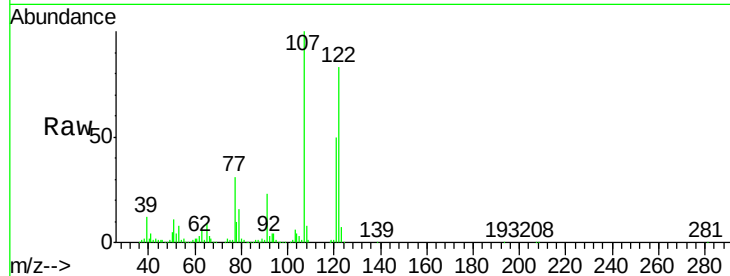
#27
 2,4-Dimethylphenol
 Concen: 49.195 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	823350		
107	120.5	98.0	147.0	
121	59.9	48.2	72.4	

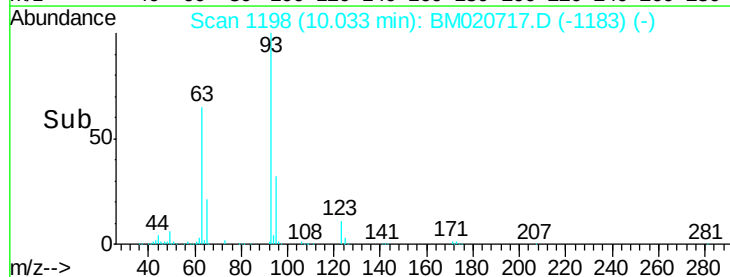
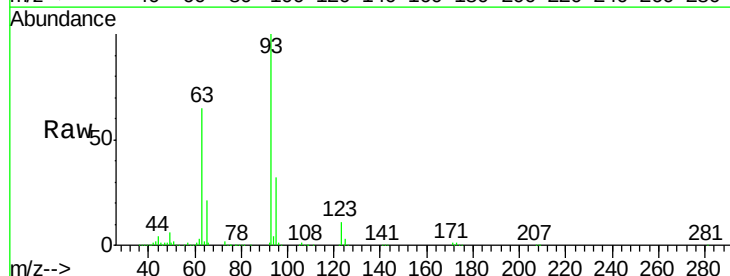
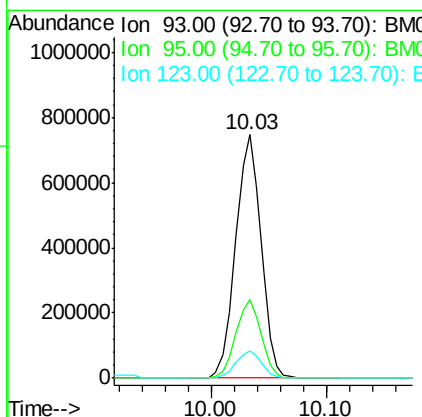
Manual Integrations
 APPROVED

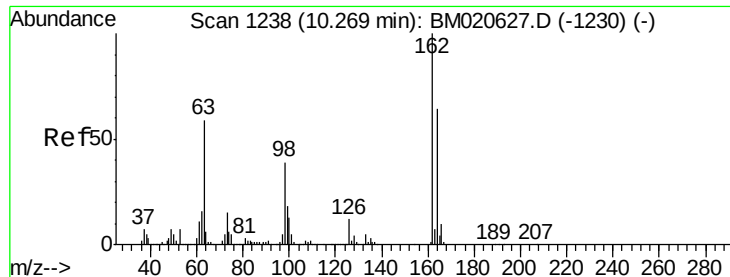
mohammad
 6/5/2019 3:41:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.290 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1137557		
95	32.3	25.8	38.6	
123	11.0	9.0	13.6	





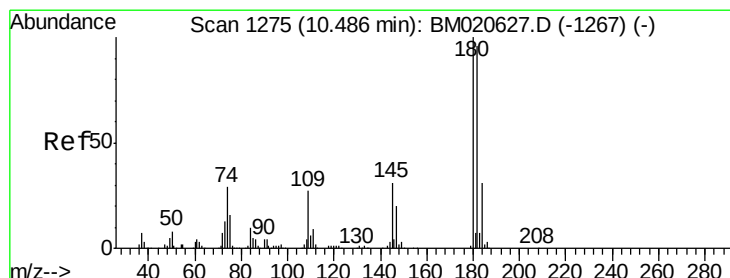
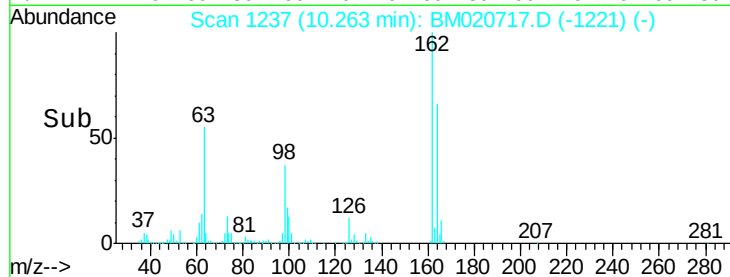
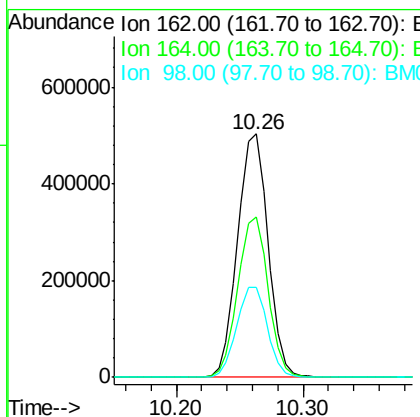
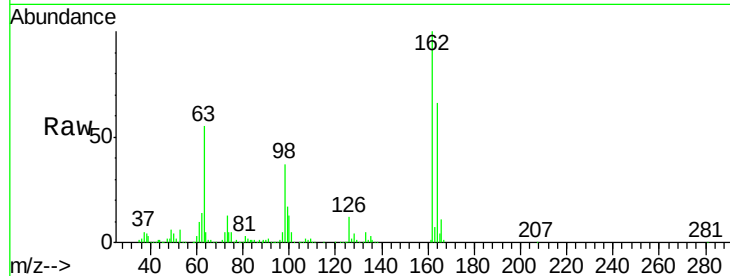
#29
2,4-Dichlorophenol
Concen: 45.557 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	843577		
164	65.8	43.8	83.8	
98	36.8	19.1	59.1	

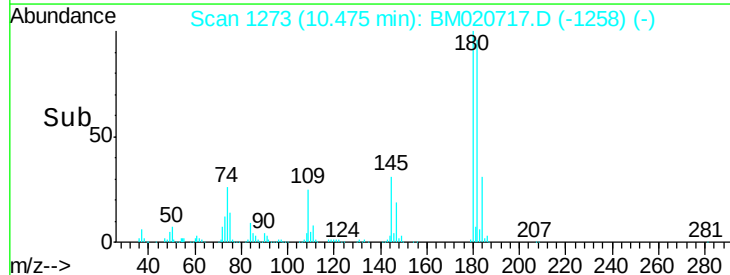
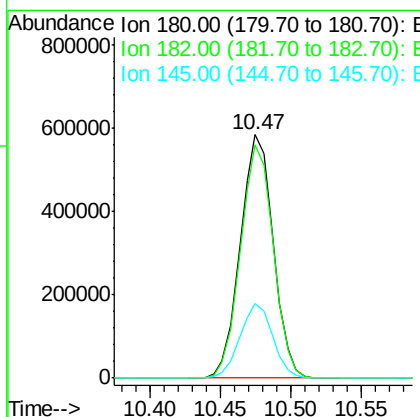
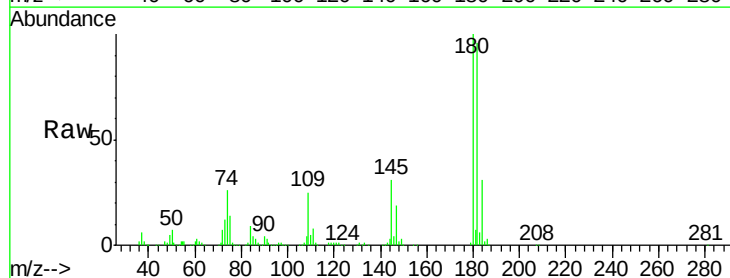
Manual Integrations
APPROVED

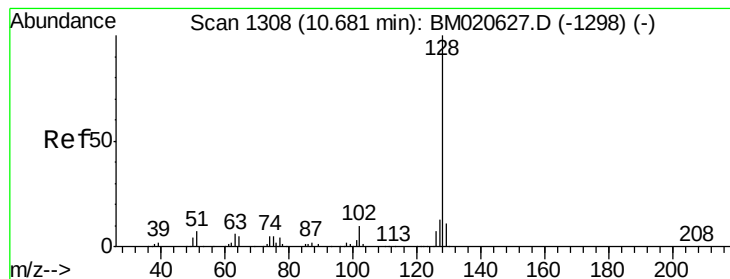
mohammad
6/5/2019 3:41:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.700 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	951740		
182	95.9	77.0	115.6	
145	30.7	25.0	37.4	





#31

Naphthalene

Concen: 43.984 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

Tgt Ion:128 Resp: 2750998

Ion Ratio Lower Upper

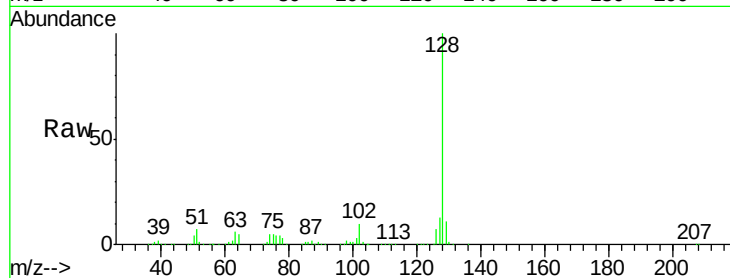
128 100

129 11.0 8.7 13.1

127 13.1 10.3 15.5

Manual Integrations
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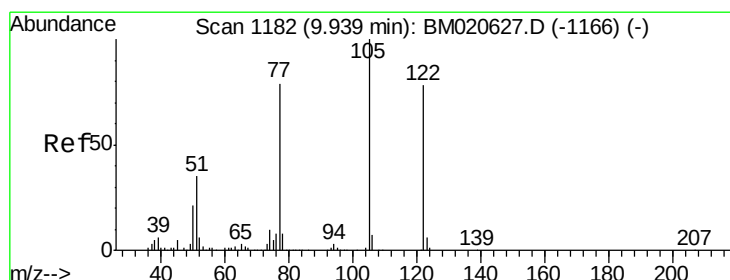
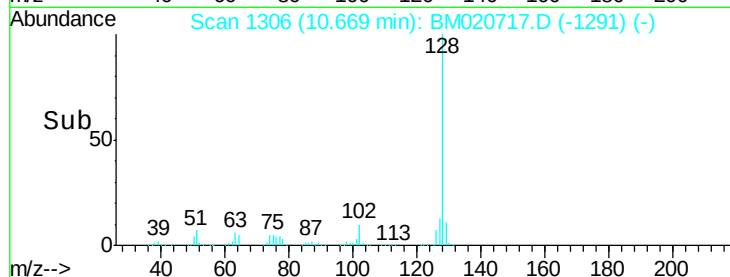
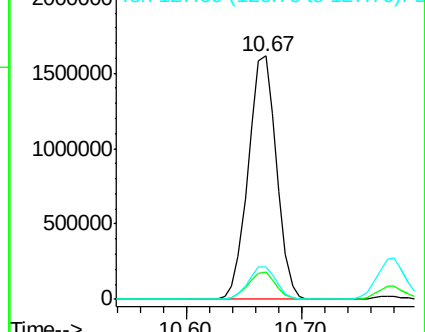
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.436 ng m

RT: 9.92 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

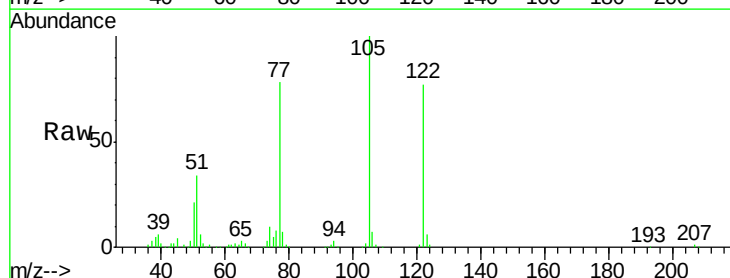
Tgt Ion:122 Resp: 451817

Ion Ratio Lower Upper

122 100

105 129.2 107.0 147.0

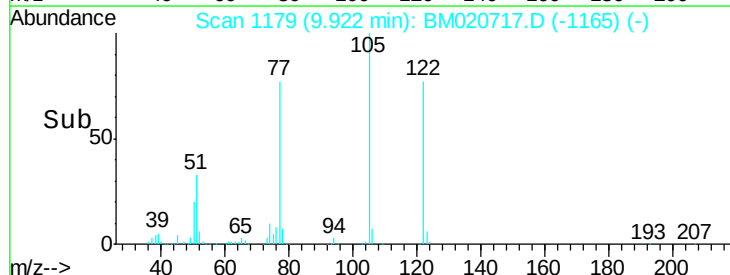
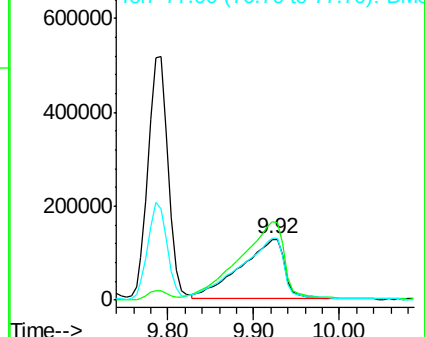
77 101.2 80.9 120.9

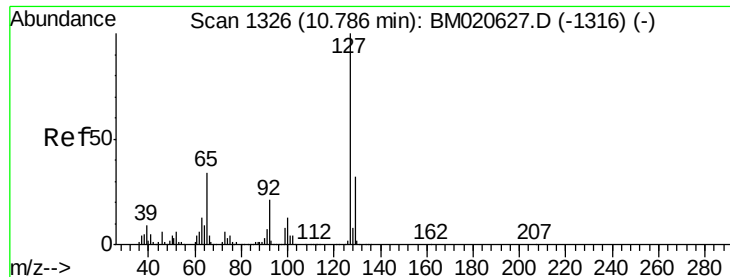


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





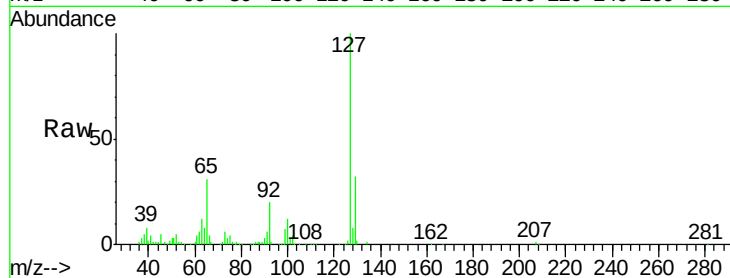
#33
4-Chloroaniline
Concen: 16.296 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	474336		
129	32.1	25.7	38.5	
65	31.2	27.4	41.0	
92	19.7	17.0	25.6	

Manual Integrations
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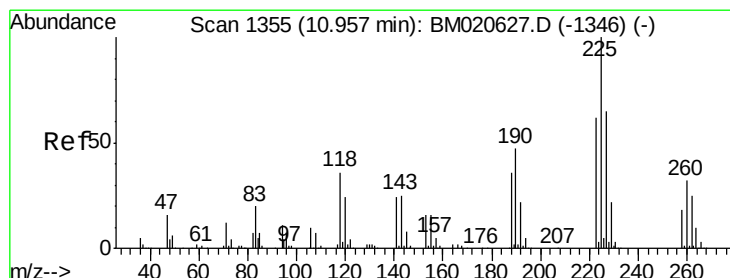
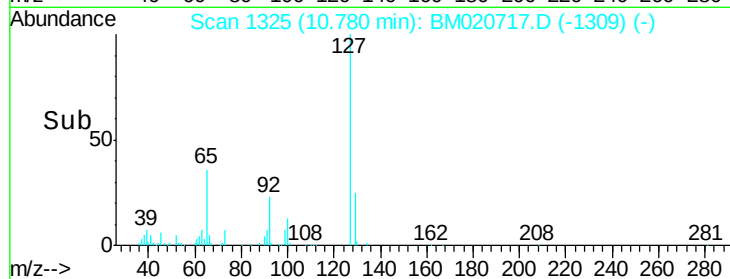
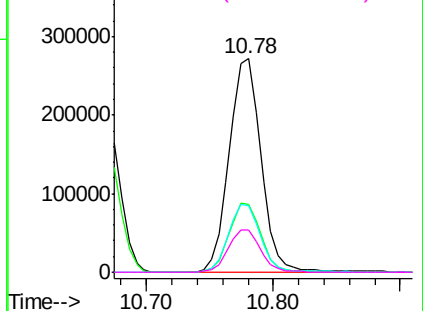
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

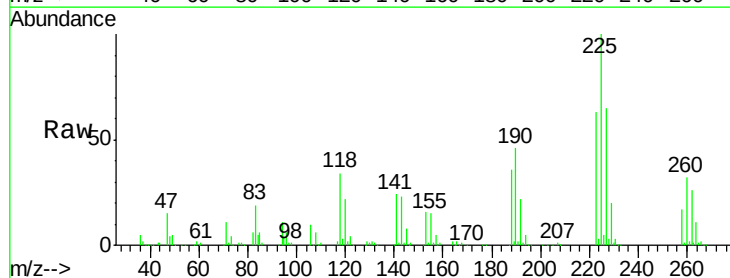
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 43.434 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	554878		
223	63.0	49.7	74.5	
227	64.6	51.8	77.8	

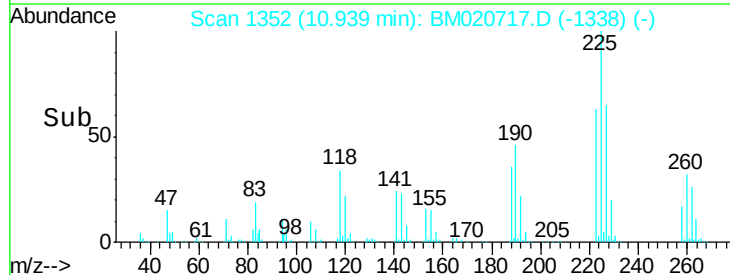
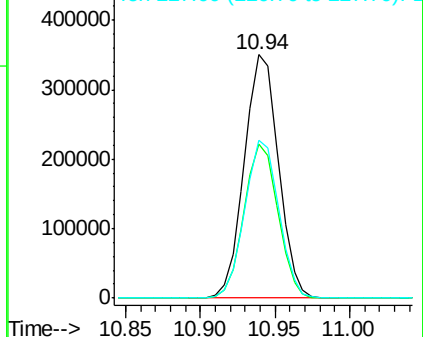


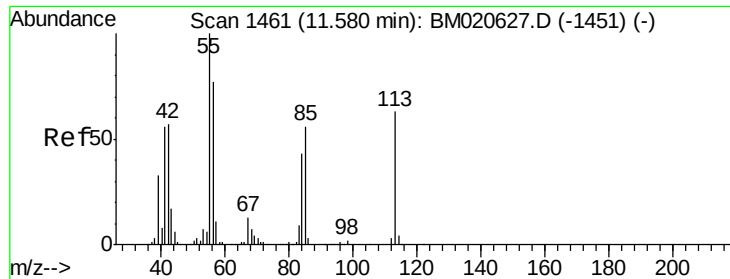
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.781 ng m

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

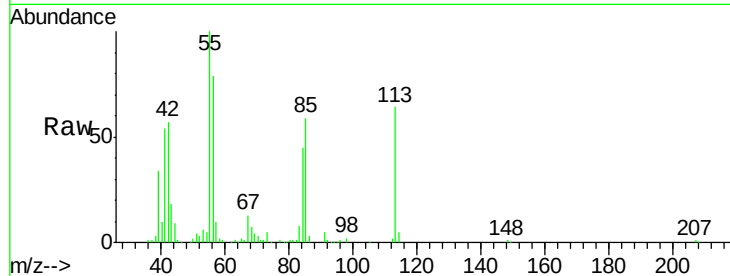
ClientSampleId :

PB120308BS

Tgt Ion:	113	Resp:	236607
Ion Ratio	Lower	Upper	
113	100		
55	155.2	138.6	178.6
56	122.5	102.3	142.3

Manual Integrations
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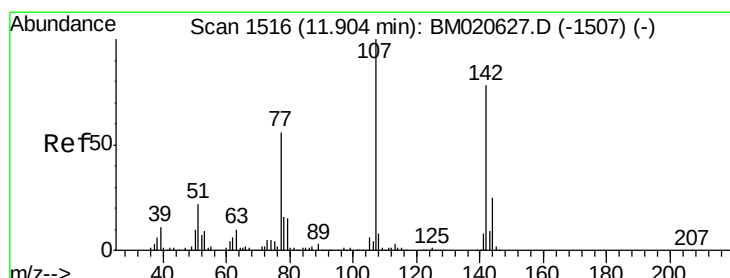
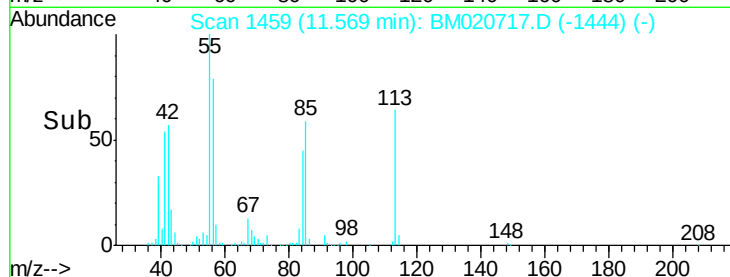
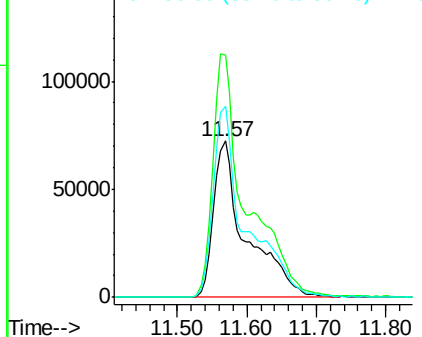
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.547 ng

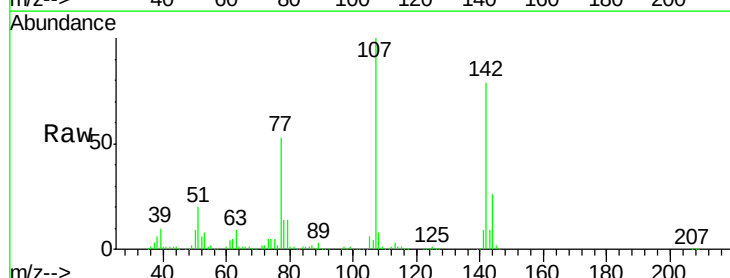
RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

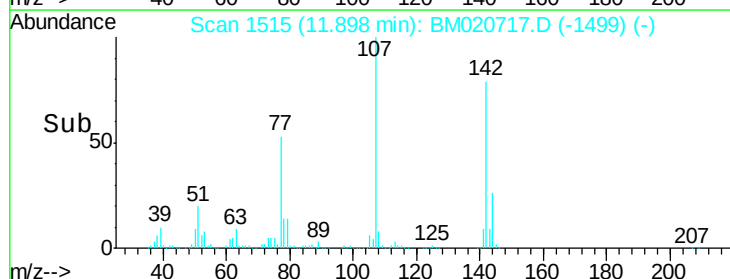
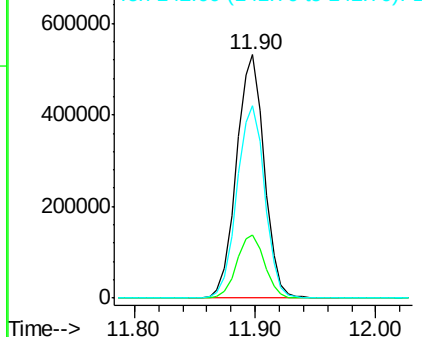
Tgt Ion:	107	Resp:	851396
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.3	30.5
142	78.8	62.6	93.8

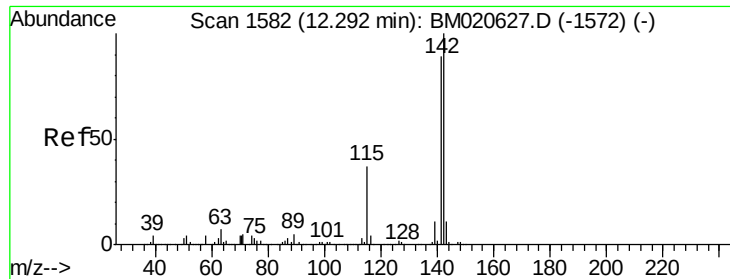


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





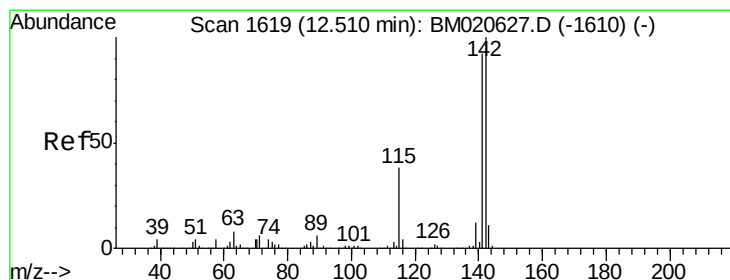
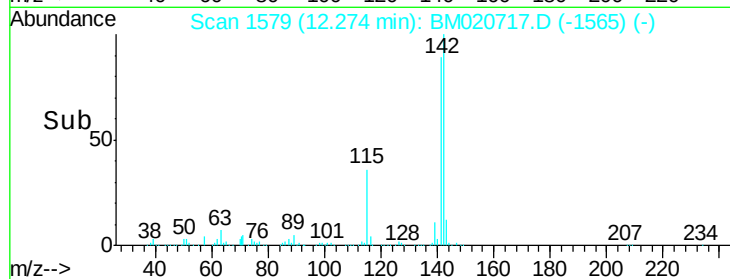
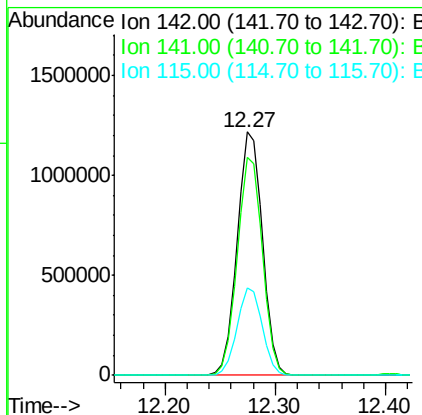
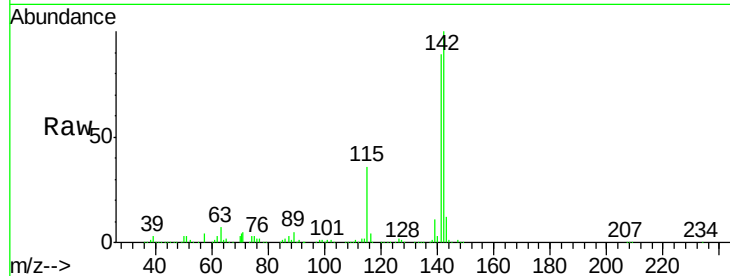
#37
2-Methylnaphthalene
Concen: 42.229 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion:142 Resp: 1957743
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4
115 36.1 29.6 44.4

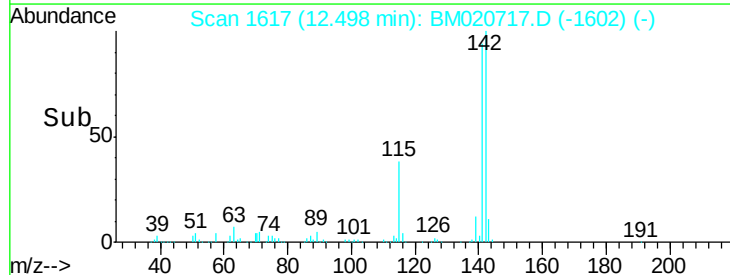
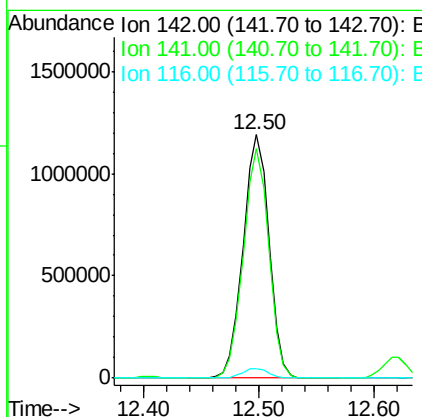
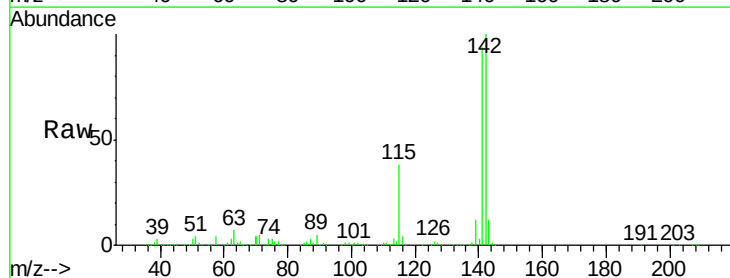
Manual Integrations
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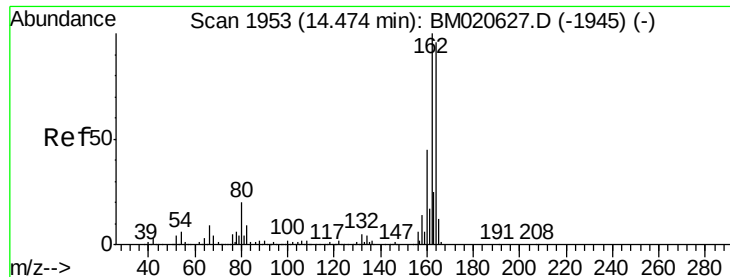
mohammad
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#38
1-Methylnaphthalene
Concen: 41.937 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:142 Resp: 1851240
Ion Ratio Lower Upper
142 100
141 94.0 73.9 110.9
116 3.9 3.2 4.8





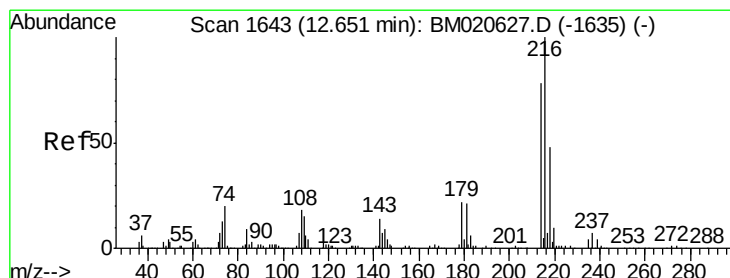
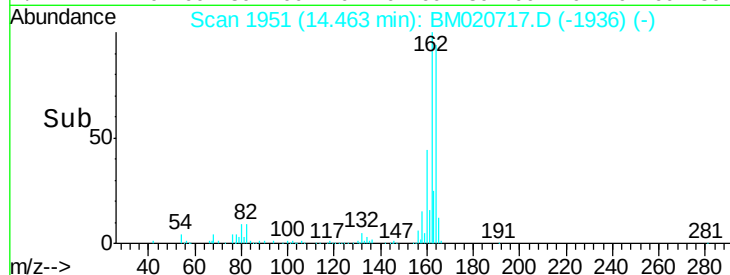
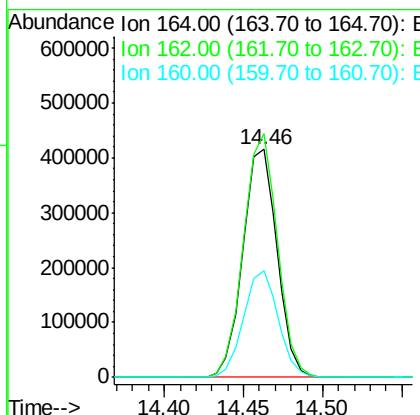
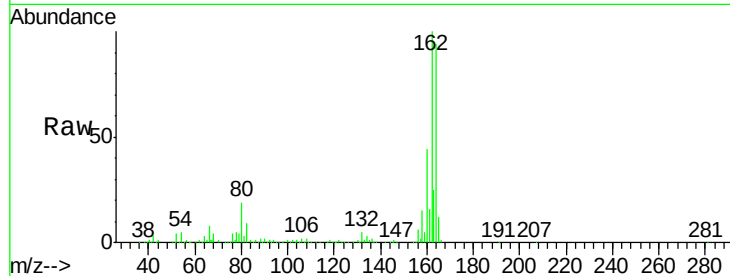
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.2	124.8
160	46.7	37.5	56.3

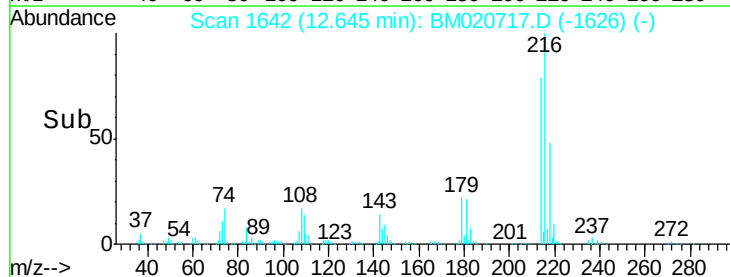
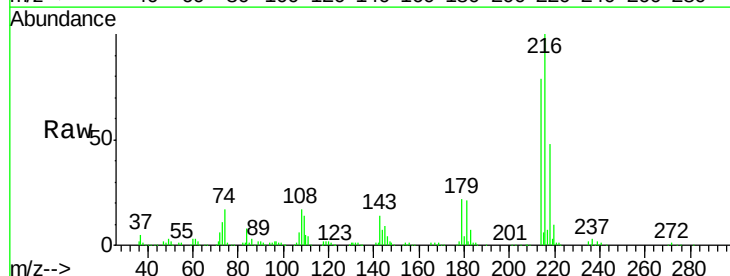
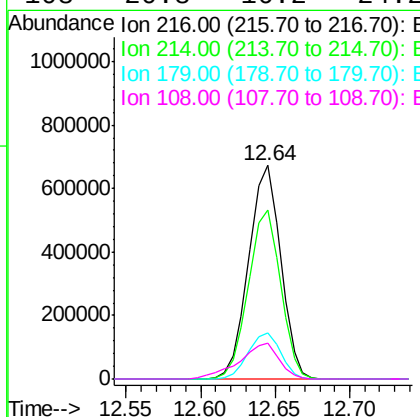
Manual Integrations
APPROVED

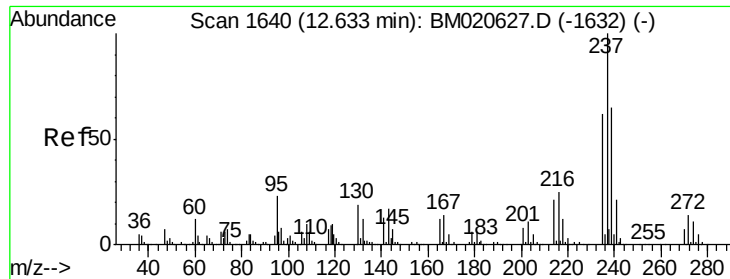
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.020 ng
RT: 12.64 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	21.9	17.9	26.9
108	20.8	16.2	24.2





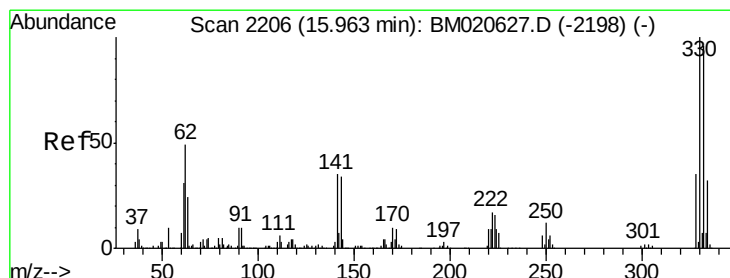
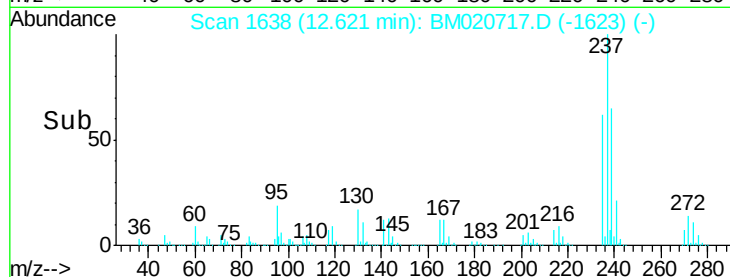
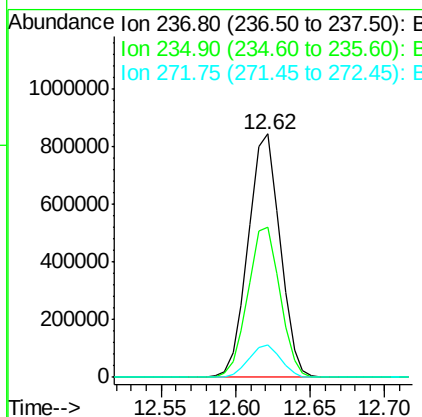
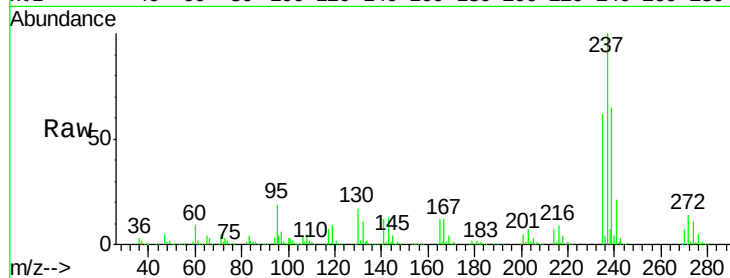
#41
Hexachlorocyclopentadiene
Concen: 102.146 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion: 237 Resp: 1247728
Ion Ratio Lower Upper
237 100
235 61.5 42.1 82.1
272 13.5 0.0 33.5

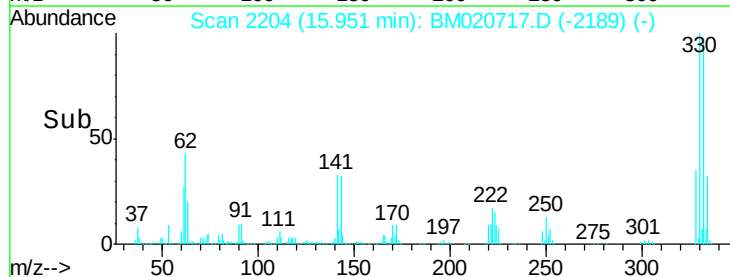
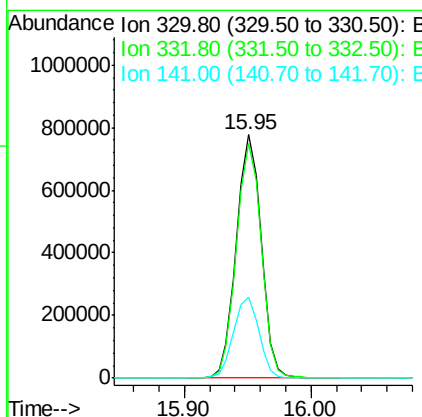
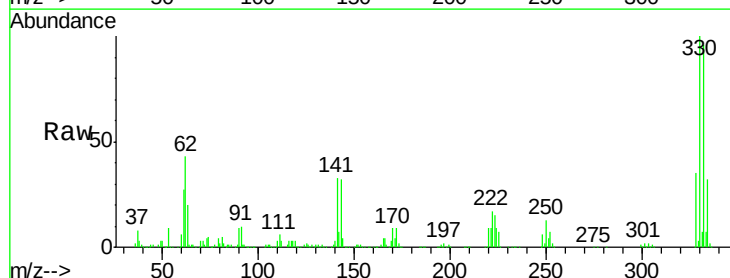
Manual Integrations
APPROVED

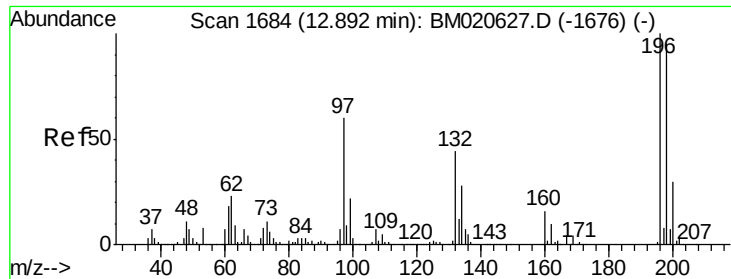
mohammad
6/5/2019 3:41:46 PM



#42
2,4,6-Tribromophenol
Concen: 136.662 ng
RT: 15.95 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion: 330 Resp: 1055292
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 34.1 30.4 45.6





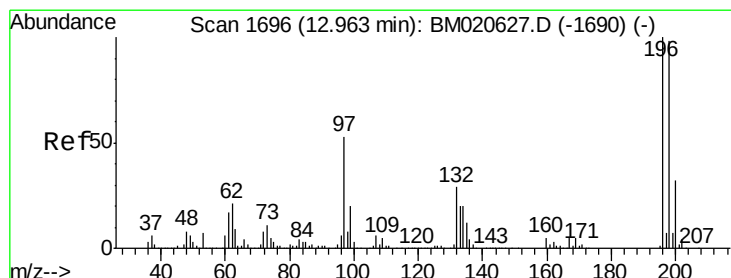
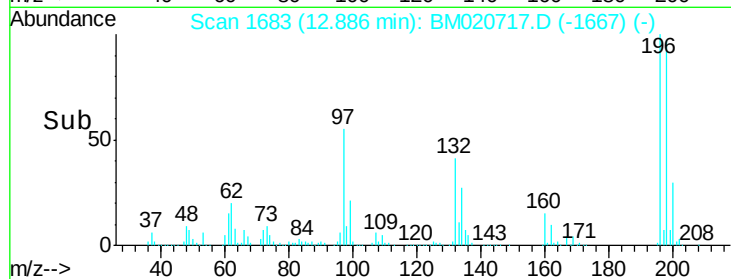
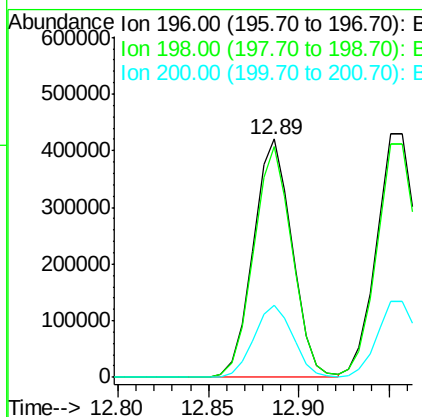
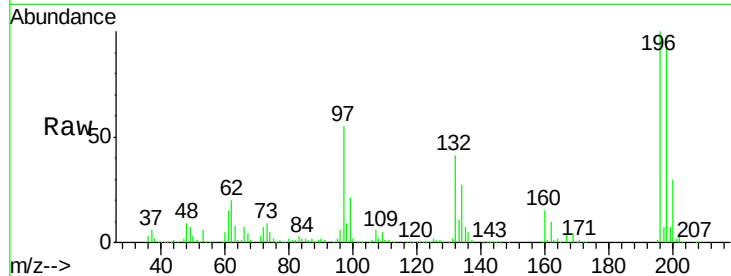
#43
 2,4,6-Trichlorophenol
 Concen: 47.453 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	623853		
198	97.0	75.7	113.5	
200	30.4	23.9	35.9	

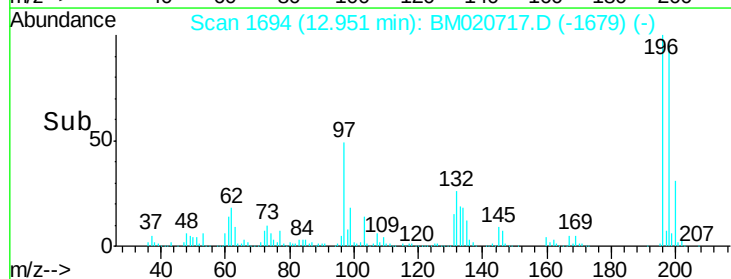
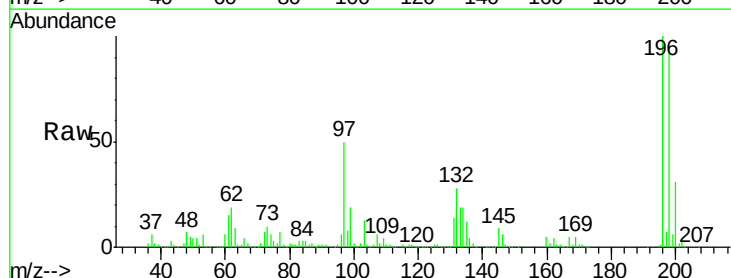
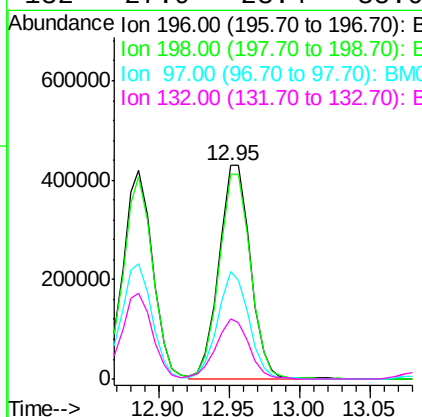
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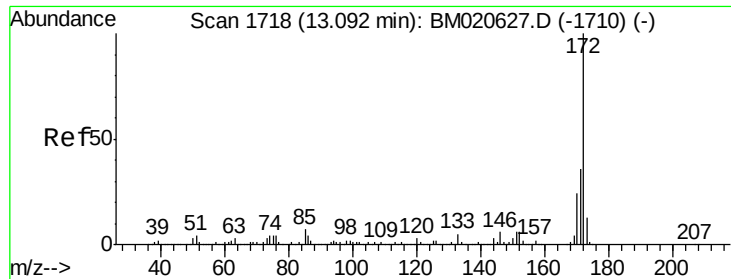
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#44
 2,4,5-Trichlorophenol
 Concen: 48.828 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	662724		
198	96.0	78.6	117.8	
97	50.3	42.7	64.1	
132	27.9	23.4	35.0	





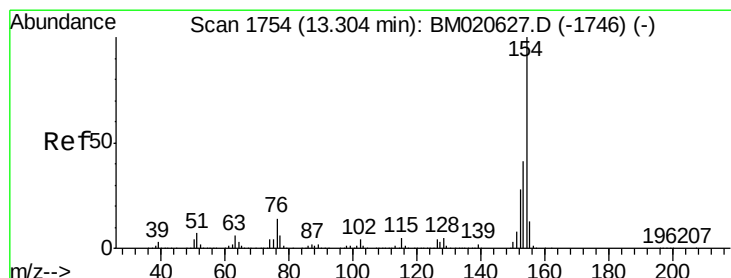
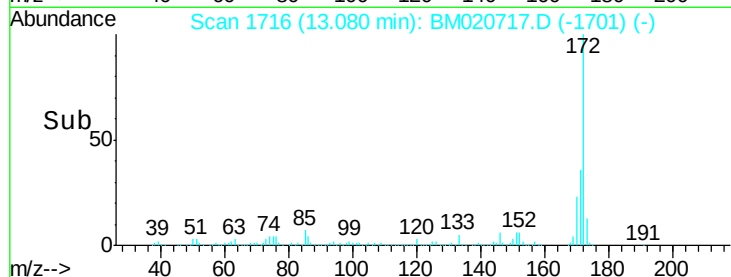
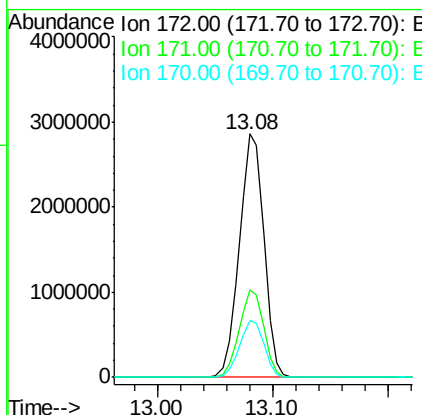
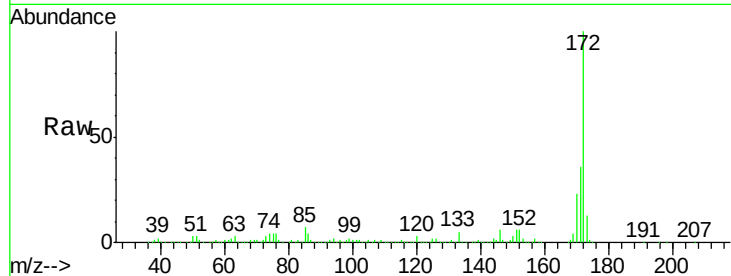
#45
2-Fluorobiphenyl
Concen: 89.665 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion:172 Resp: 4203445
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.3 18.9 28.3

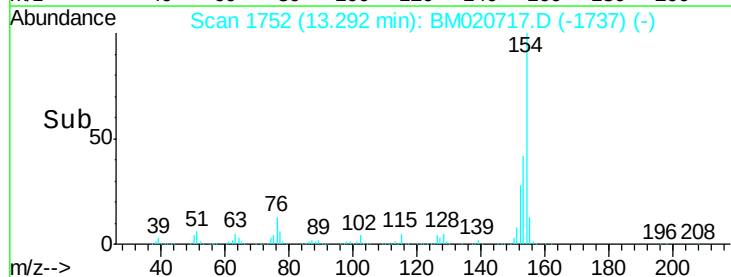
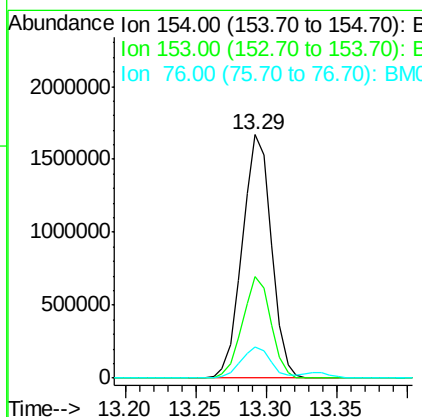
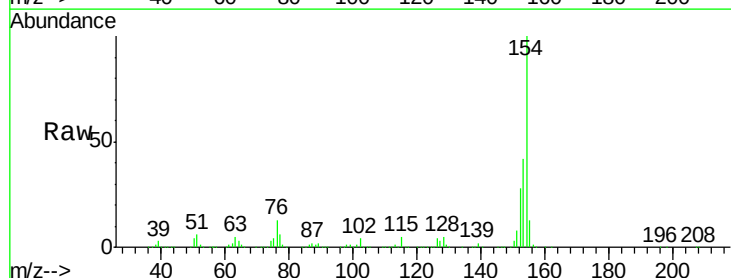
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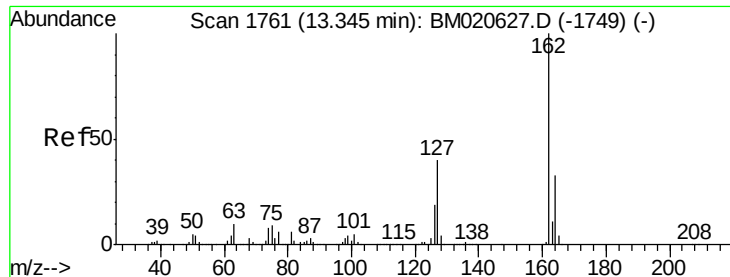
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#46
1,1'-Biphenyl
Concen: 46.210 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:154 Resp: 2405277
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 12.7 0.0 34.0





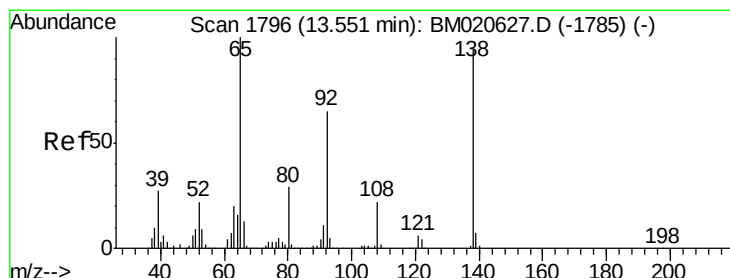
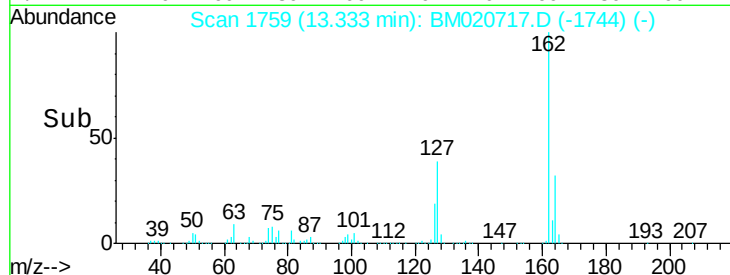
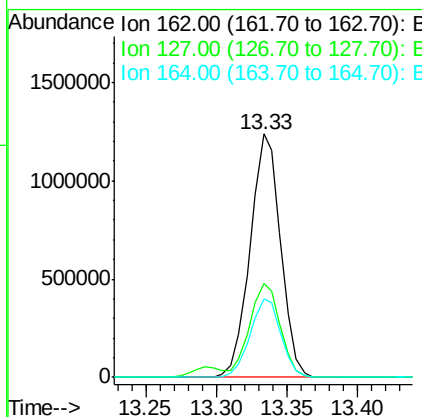
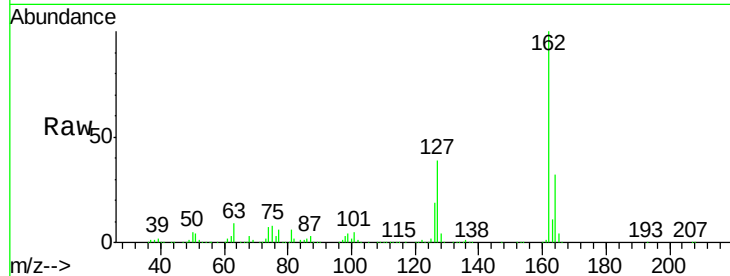
#47
2-Chloronaphthalene
Concen: 44.547 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion: 162 Resp: 1871440
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 32.5 26.6 39.8

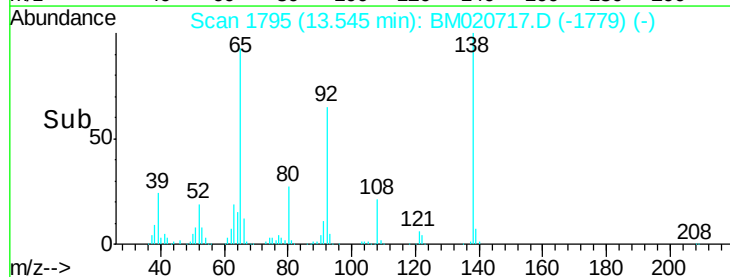
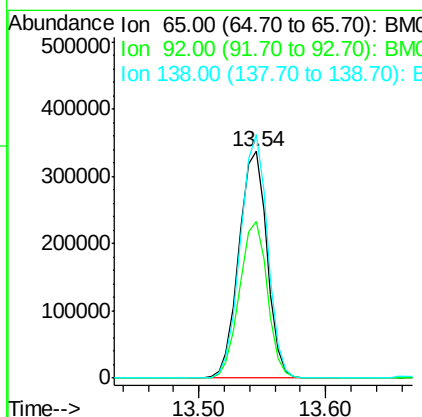
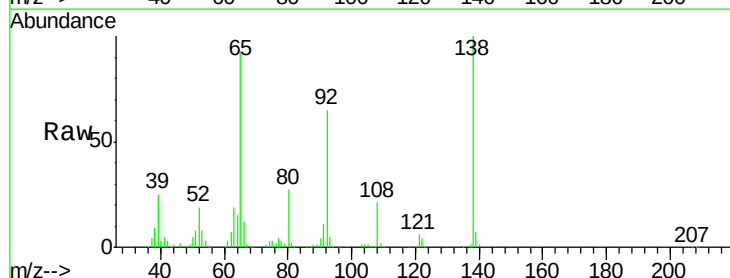
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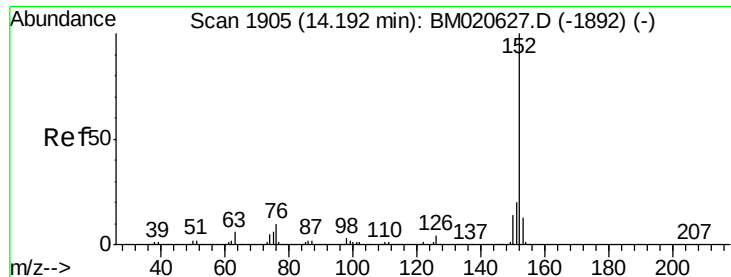
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#48
2-Nitroaniline
Concen: 39.369 ng
RT: 13.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion: 65 Resp: 519092
Ion Ratio Lower Upper
65 100
92 69.3 52.2 78.4
138 107.5 75.4 113.0





#49

Acenaphthylene

Concen: 44.023 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

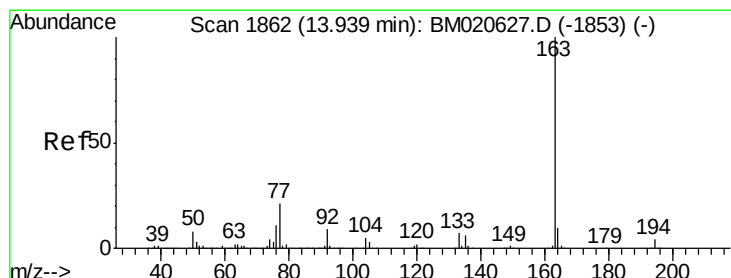
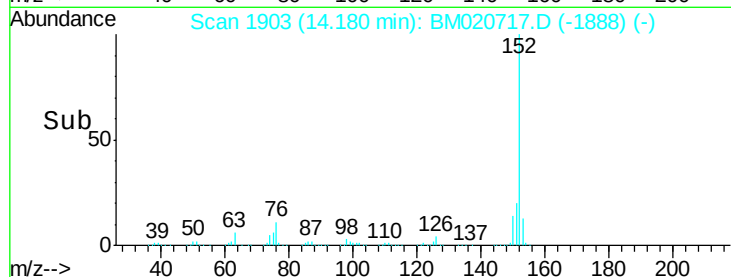
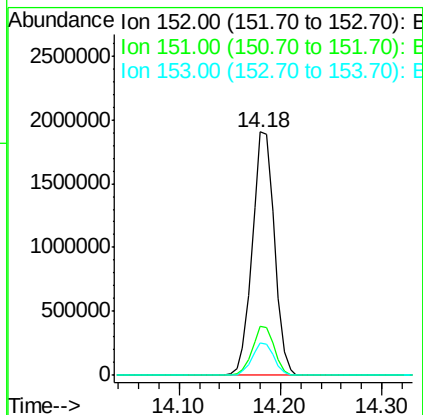
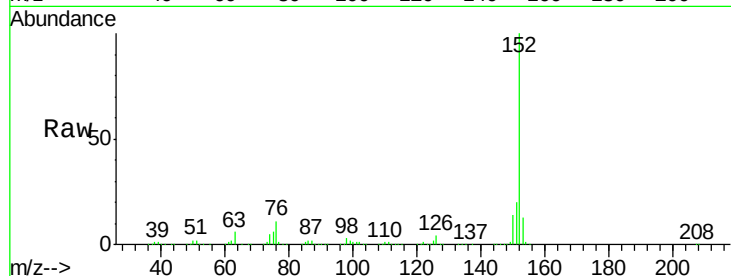
ClientSampleId :

PB120308BS

Tgt Ion:	152	Resp:	2885654
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.4	10.6	15.8

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#50

Dimethylphthalate

Concen: 40.781 ng

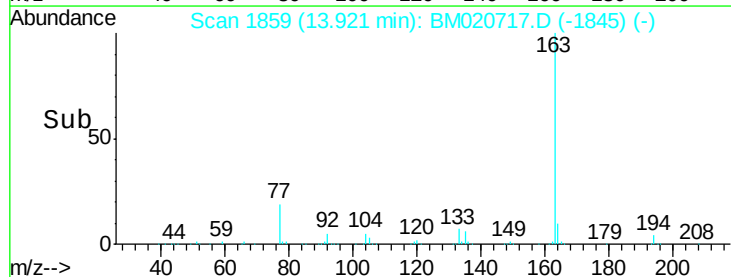
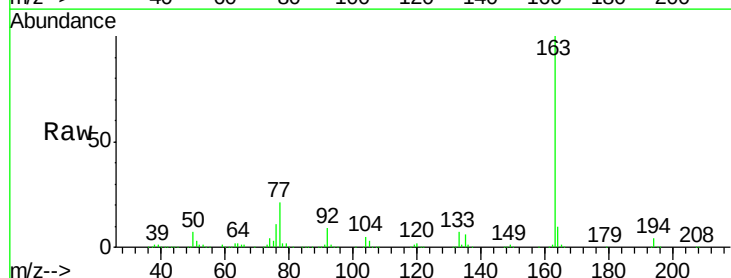
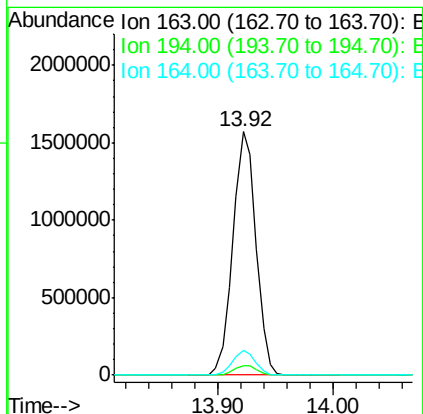
RT: 13.92 min Scan# 1859

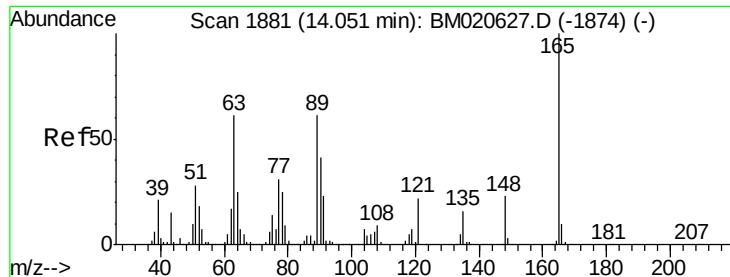
Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Tgt Ion:	163	Resp:	2171463
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	7.9	11.9





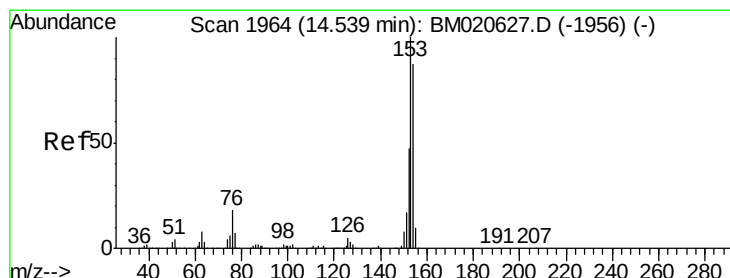
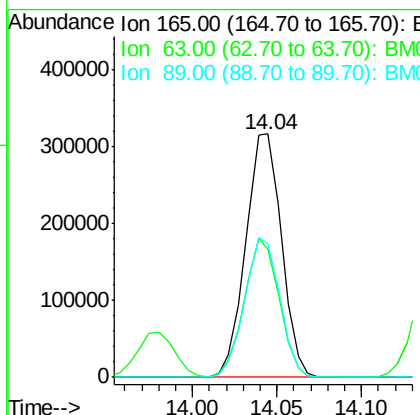
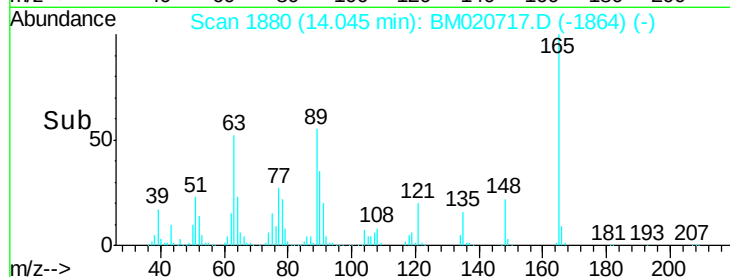
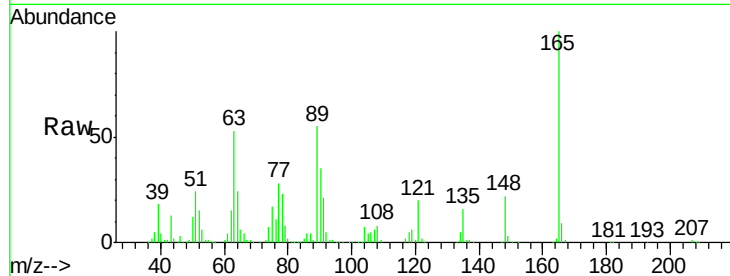
#51
2,6-Dinitrotoluene
Concen: 43.265 ng
RT: 14.04 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	467772		
63	52.6	50.4	75.6	
89	54.7	49.1	73.7	

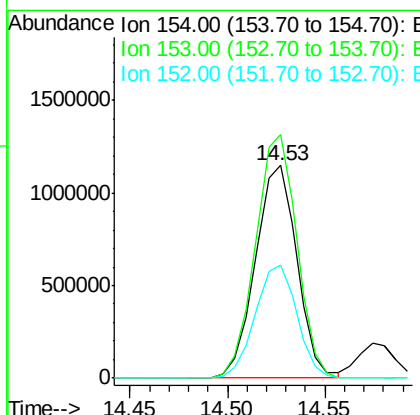
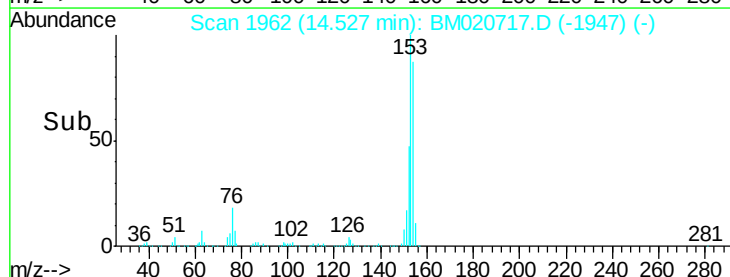
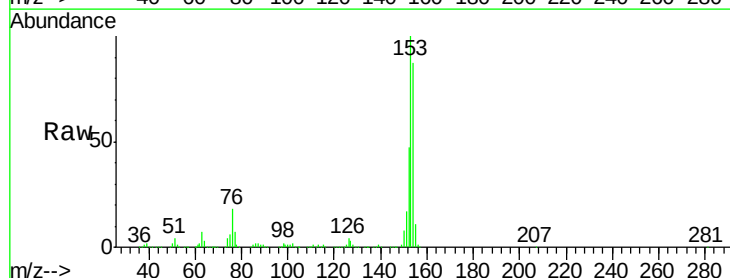
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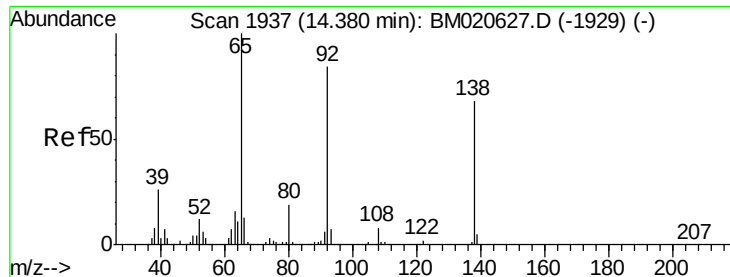
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#52
Acenaphthene
Concen: 43.309 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1691743		
153	114.5	92.4	138.6	
152	53.3	43.4	65.0	





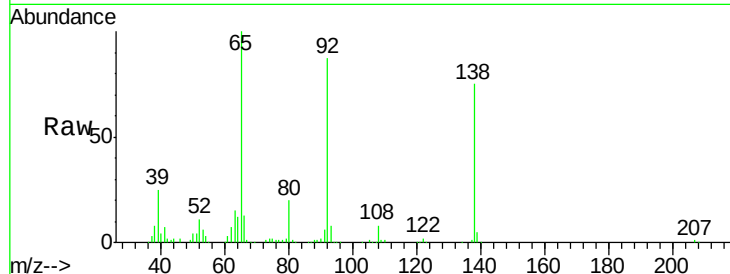
#53
 3-Nitroaniline
 Concen: 24.575 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

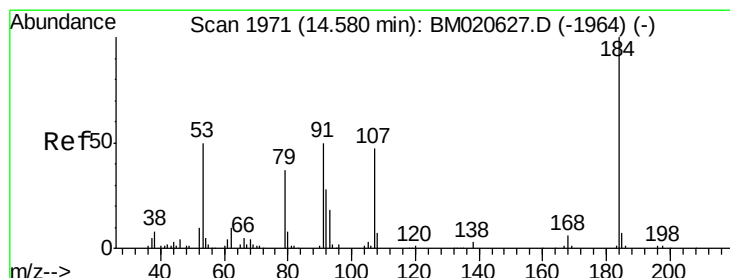
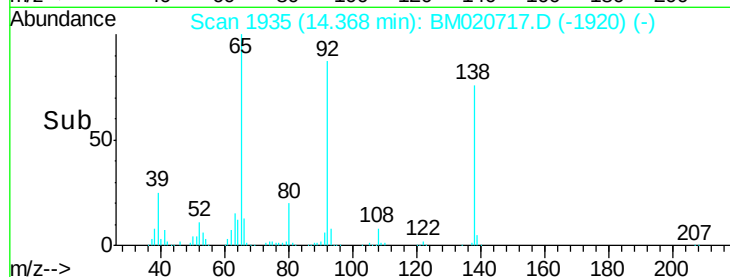
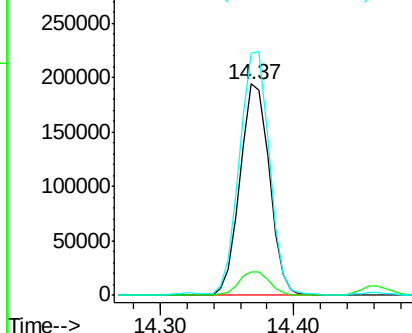
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	296569		
108	10.9	9.5	14.3	
92	115.0	99.6	149.4	

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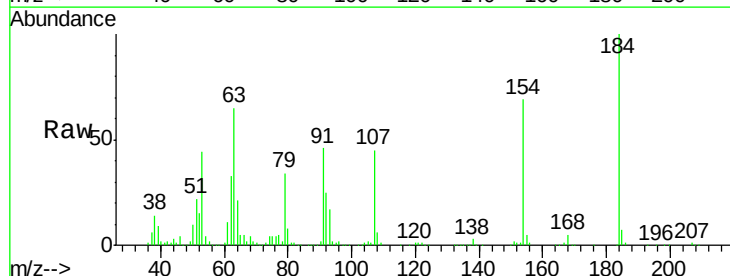


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

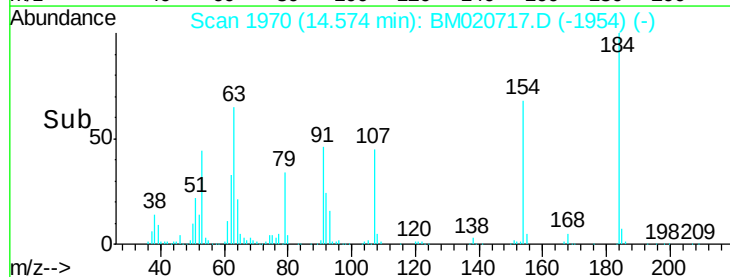
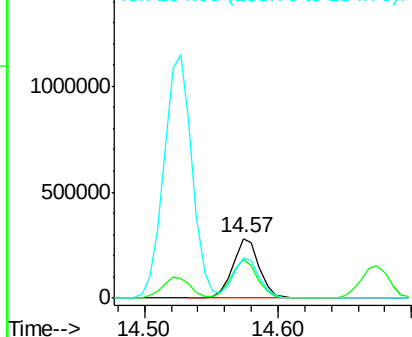


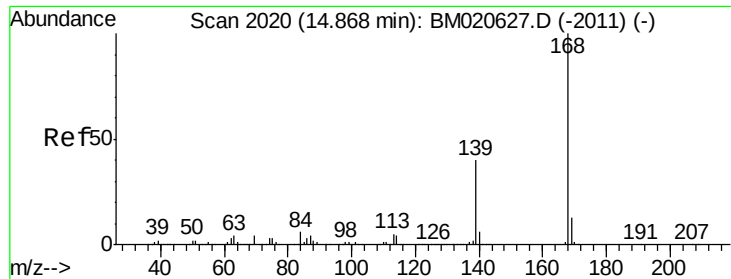
#54
 2,4-Dinitrophenol
 Concen: 82.778 ng
 RT: 14.57 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	386309		
63	64.9	59.3	88.9	
154	68.5	56.5	84.7	



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E





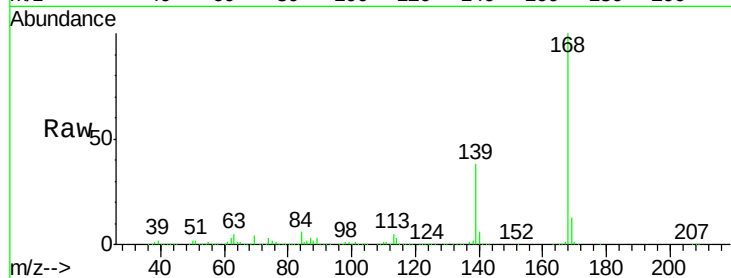
#55
Dibenzenofuran
Concen: 43.336 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

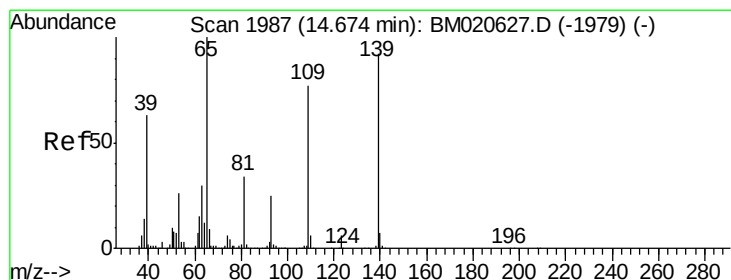
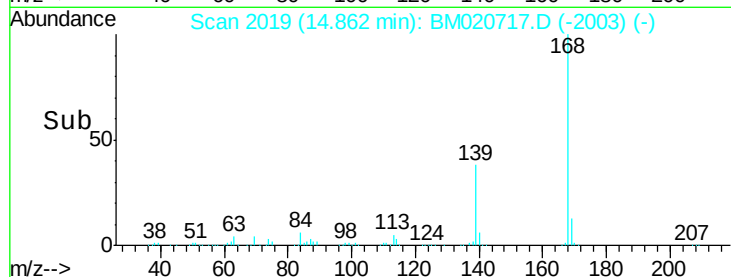
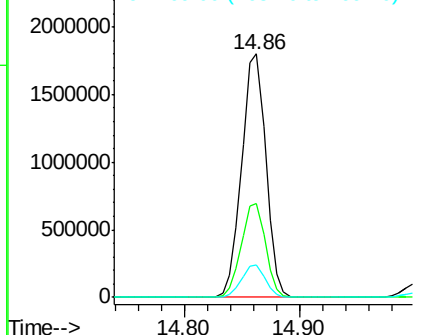
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.9	47.9
169	13.2	10.7	16.1

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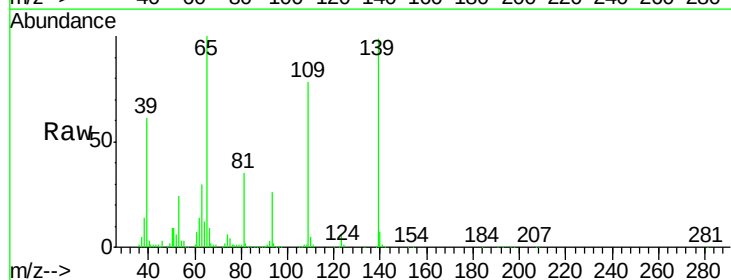


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

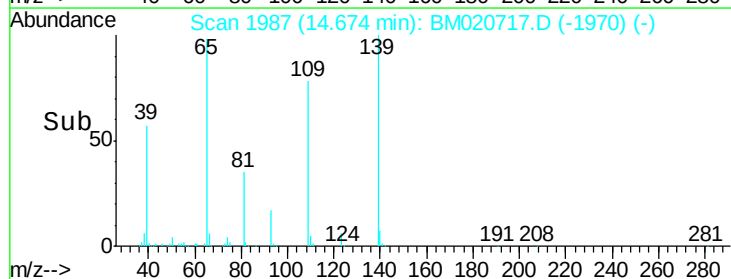
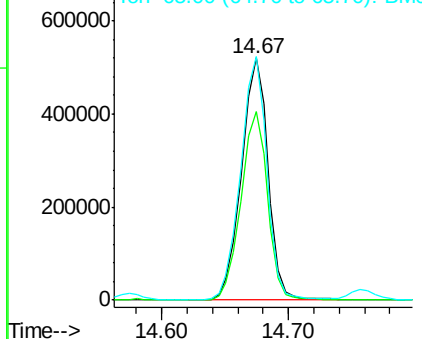


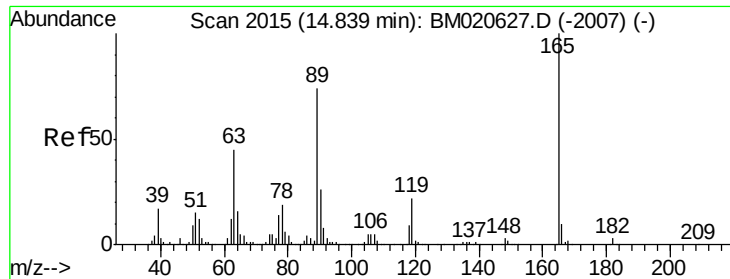
#56
4-Nitrophenol
Concen: 85.044 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.1	62.7	102.7
65	100.6	88.3	128.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E





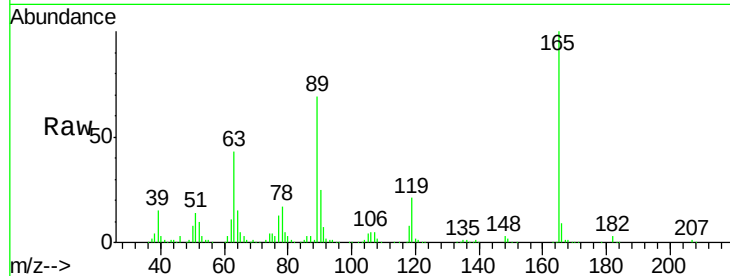
#57
2,4-Dinitrotoluene
Concen: 42.869 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	620596		
63	42.8	36.3	54.5	
89	69.1	59.0	88.6	
182	2.7	2.2	3.4	

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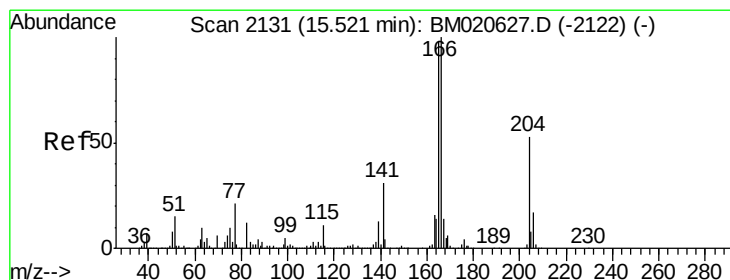
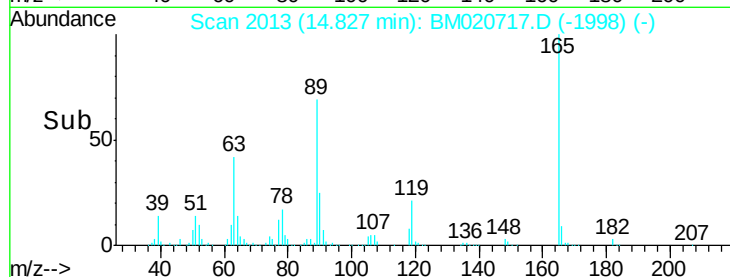
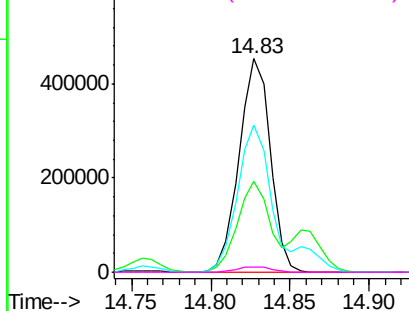


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM020627.D (-2007) (-)

Ion 89.00 (88.70 to 89.70): BM020627.D (-2007) (-)

Ion 182.00 (181.70 to 182.70): E



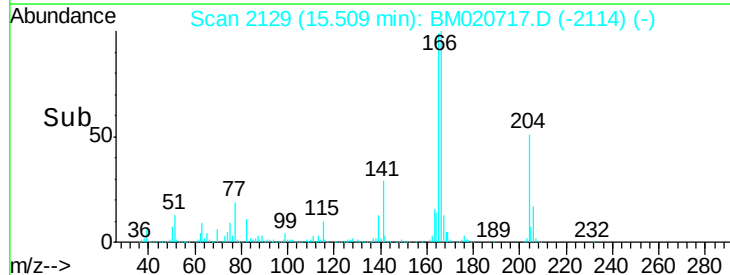
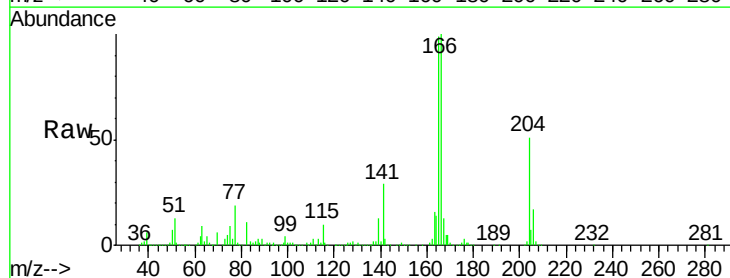
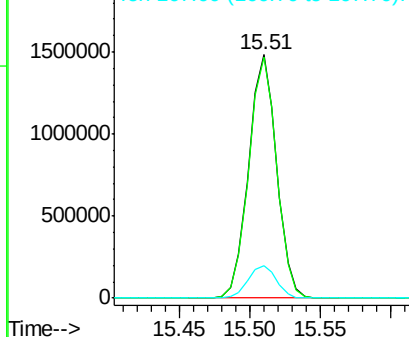
#58
Fluorene
Concen: 41.390 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

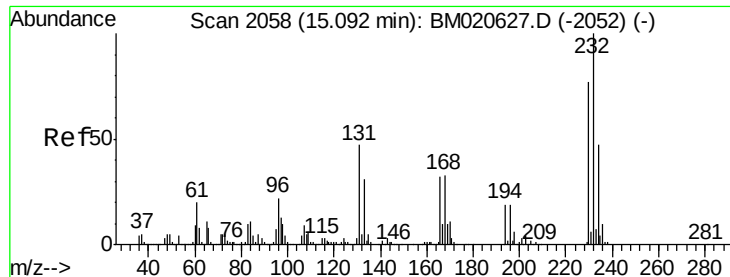
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2064997		
165	99.0	78.6	117.8	
167	13.3	11.0	16.4	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





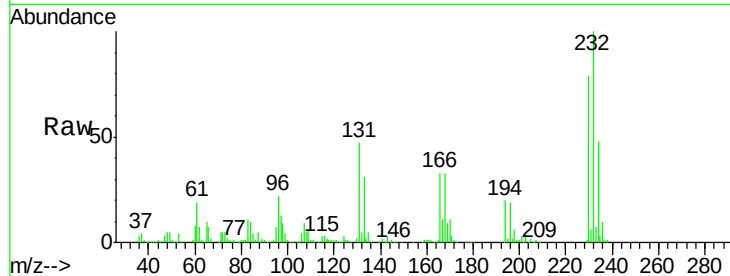
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.249 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

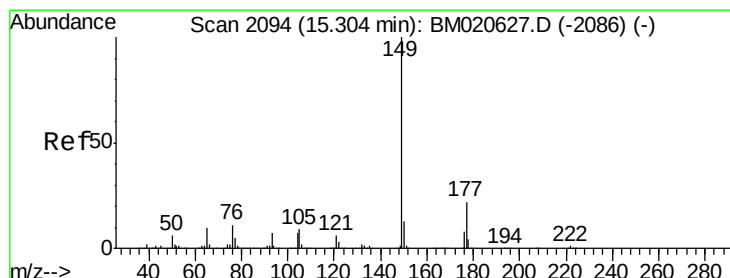
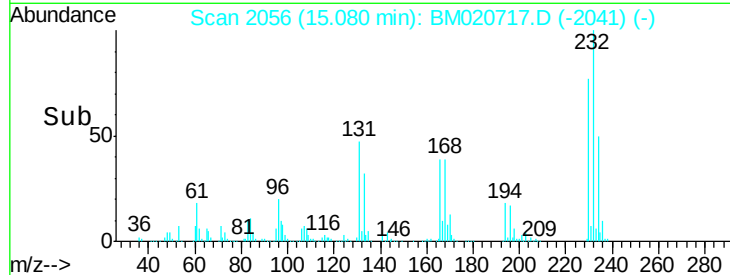
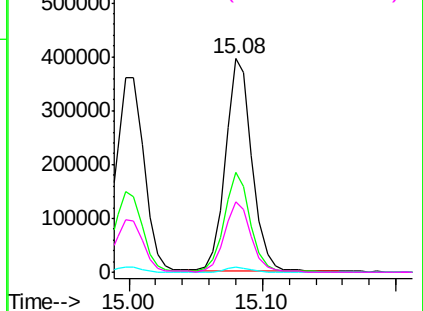
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	546983		
131	45.7	38.6	57.8	
130	2.5	2.2	3.2	
166	33.0	26.6	39.8	

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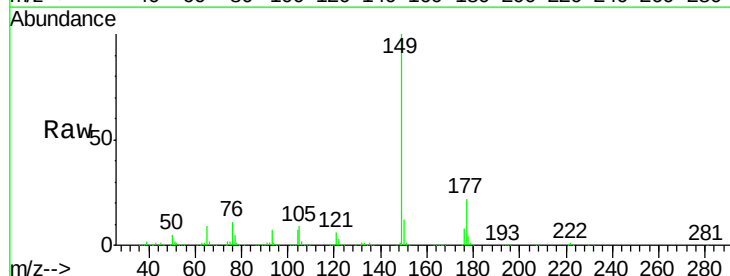


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

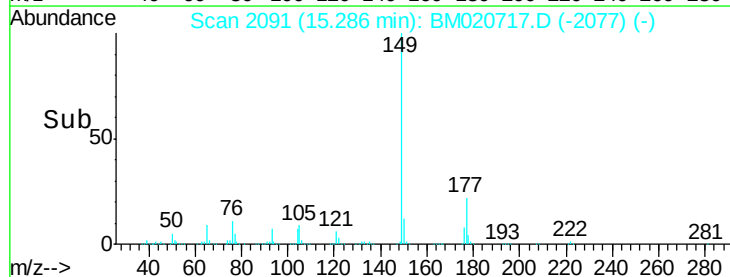
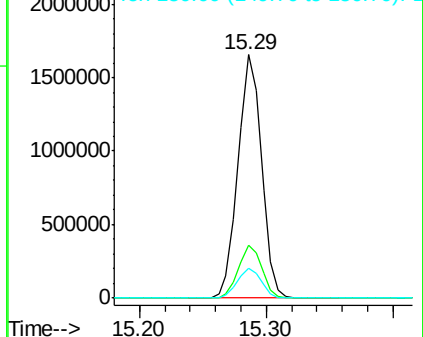


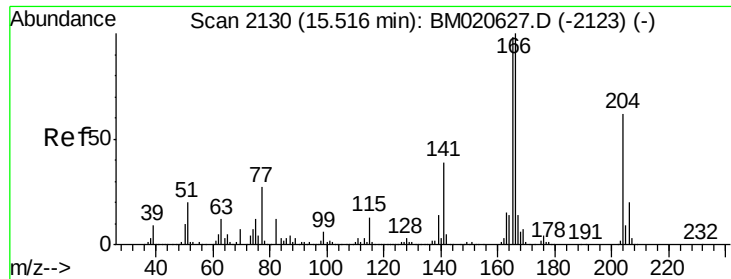
#60
 Diethylphthalate
 Concen: 38.566 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2117879		
177	21.9	17.2	25.8	
150	12.5	10.1	15.1	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





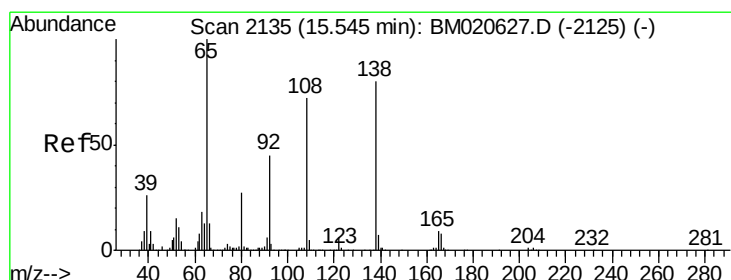
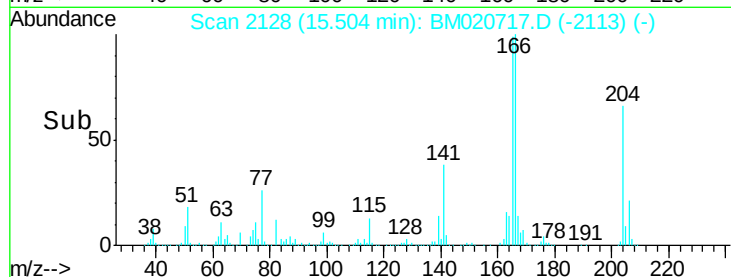
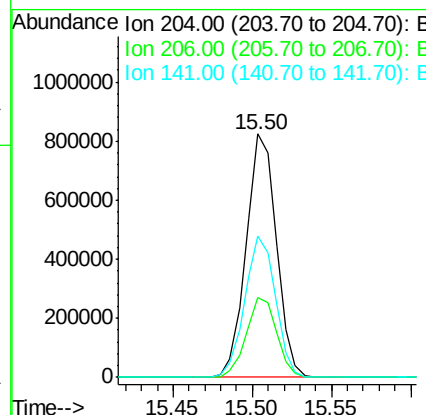
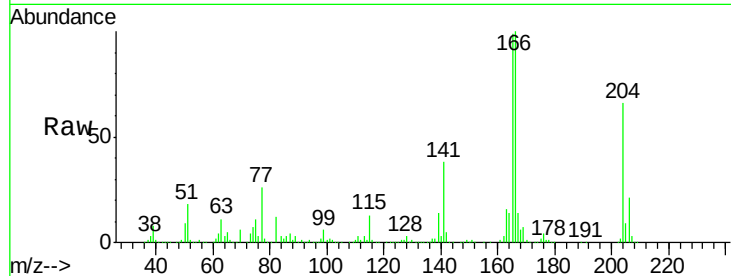
#61
4-Chlorophenyl-phenylether
Concen: 41.267 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion:204 Resp: 1090133
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 57.8 50.2 75.4

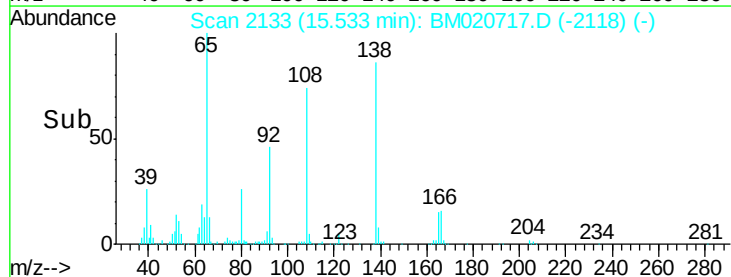
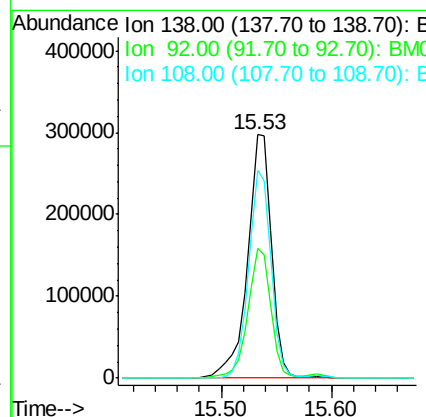
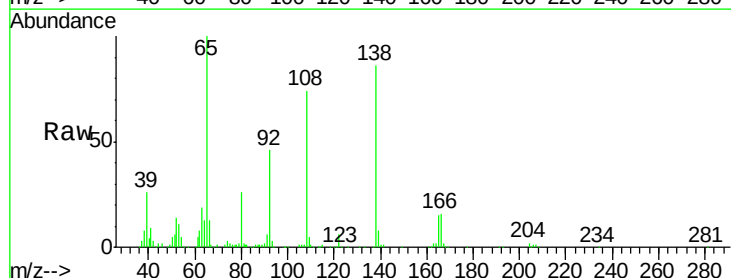
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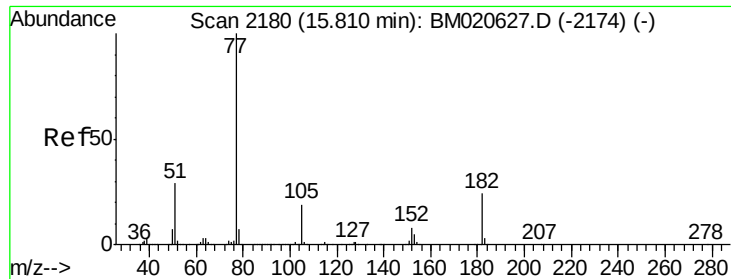
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#62
4-Nitroaniline
Concen: 35.660 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:138 Resp: 456398
Ion Ratio Lower Upper
138 100
92 53.5 36.7 76.7
108 85.3 70.3 110.3





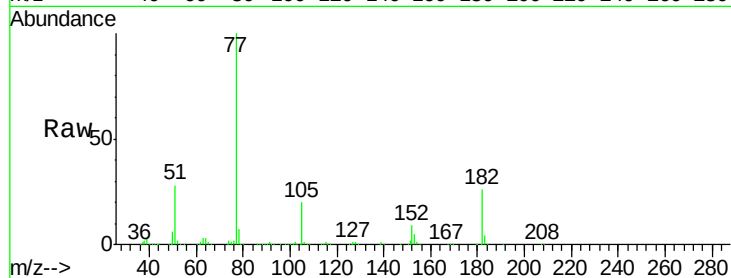
#63
Azobenzene
Concen: 38.405 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	3.6	43.6
105	19.8	0.0	39.4
51	28.4	9.5	49.5

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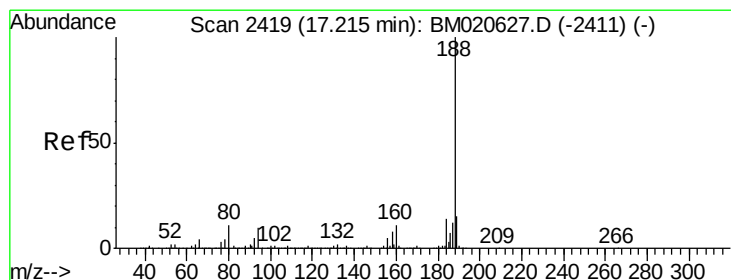
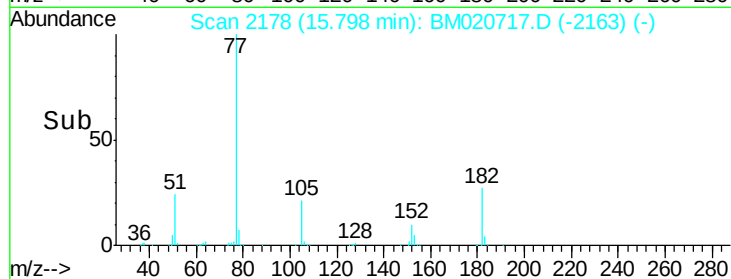
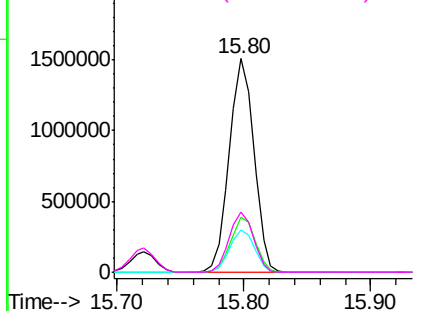


Abundance Ion 77.00 (76.70 to 77.70): BM020627.D (-2174) (-)

Ion 182.00 (181.70 to 182.70): BM020627.D (-2174) (-)

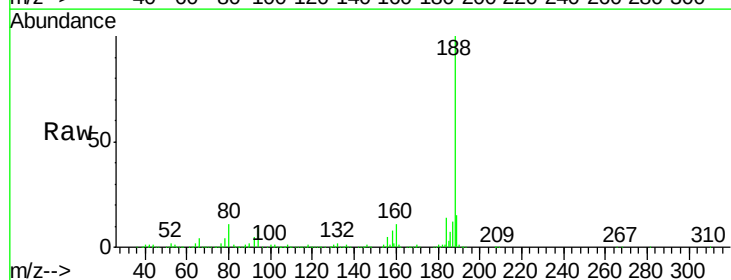
Ion 105.00 (104.70 to 105.70): BM020627.D (-2174) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-2174) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

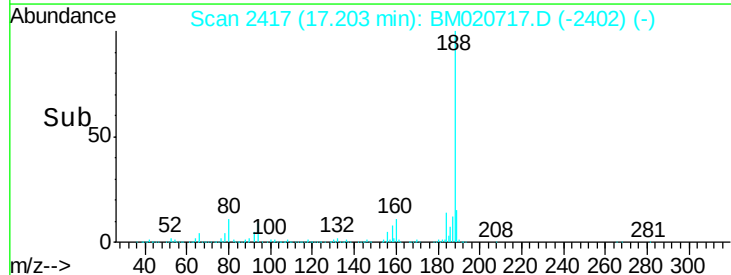
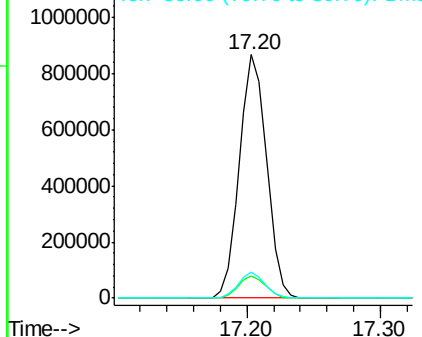
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	10.8	9.0	13.6

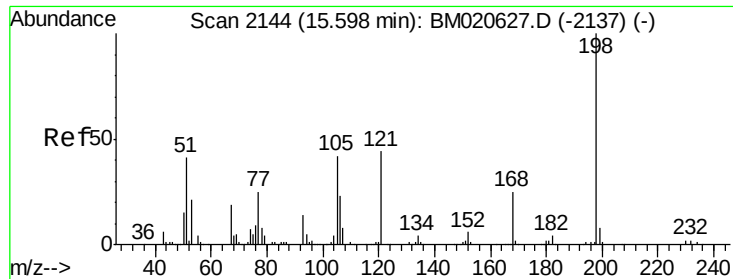


Abundance Ion 188.00 (187.70 to 188.70): BM020627.D (-2411) (-)

Ion 94.00 (93.70 to 94.70): BM020627.D (-2411) (-)

Ion 80.00 (79.70 to 80.70): BM020627.D (-2411) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 43.827 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

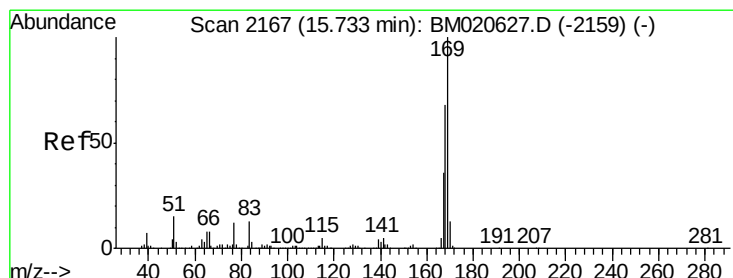
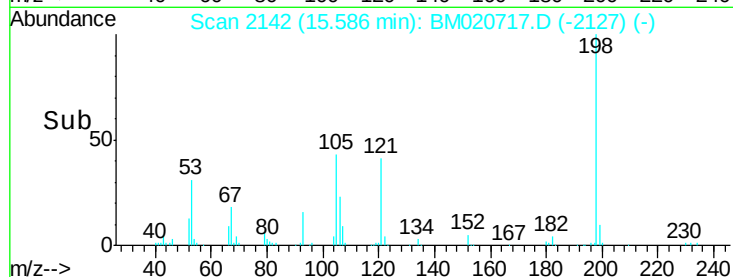
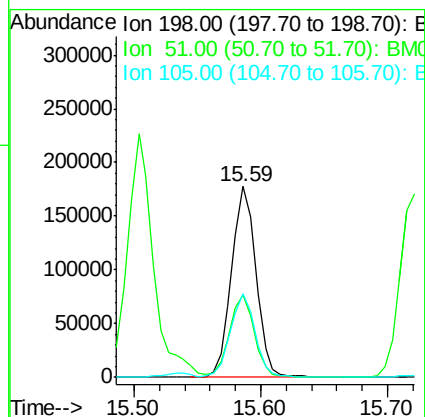
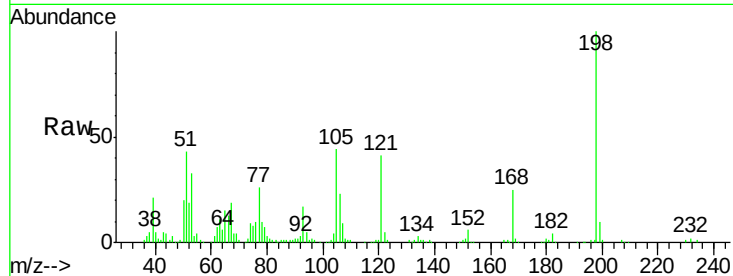
ClientSampleId :

PB120308BS

Tgt Ion:	198	Resp:	238443
Ion Ratio	Lower	Upper	
198	100		
51	43.4	27.7	67.7
105	43.6	23.8	63.8

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#66

n-Nitrosodiphenylamine

Concen: 45.489 ng

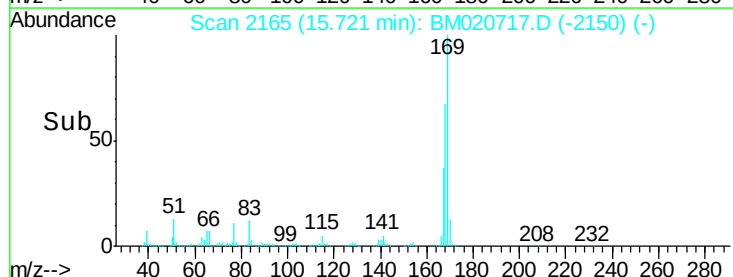
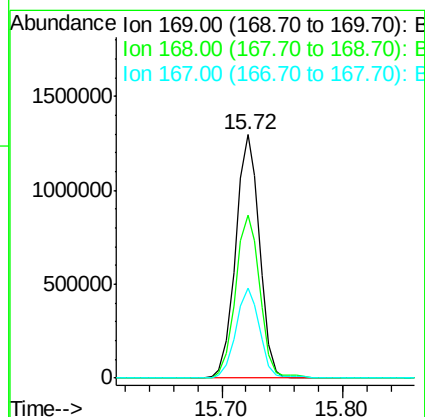
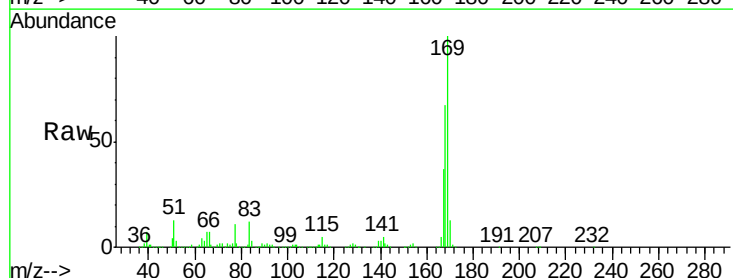
RT: 15.72 min Scan# 2165

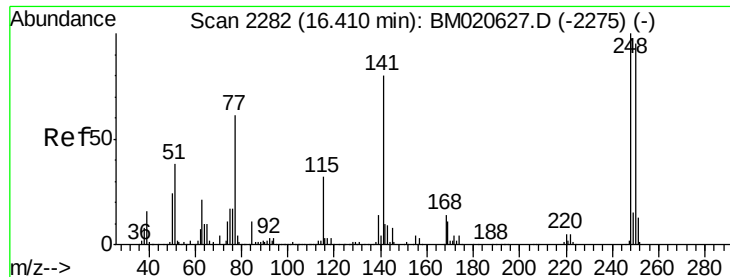
Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Tgt Ion:	169	Resp:	1779260
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.2	81.4
167	36.8	29.1	43.7





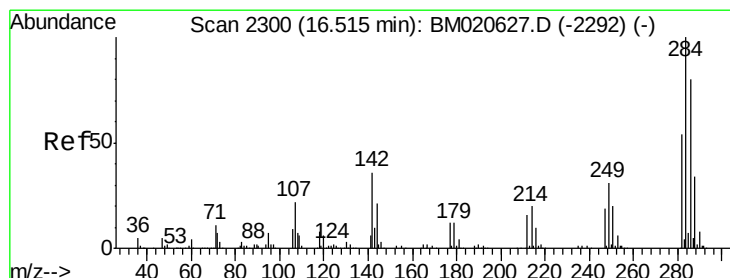
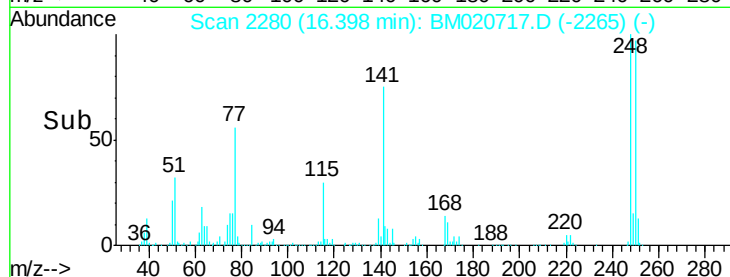
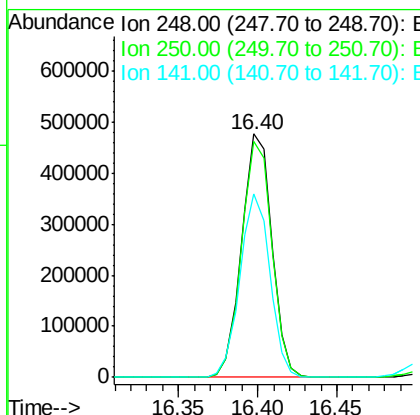
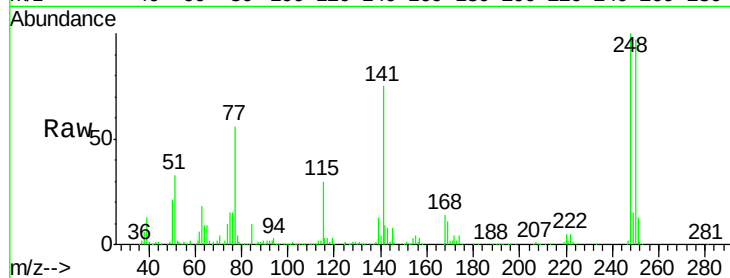
#67
4-Bromophenyl-phenylether
Concen: 43.942 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.3	114.5
141	75.1	64.2	96.2

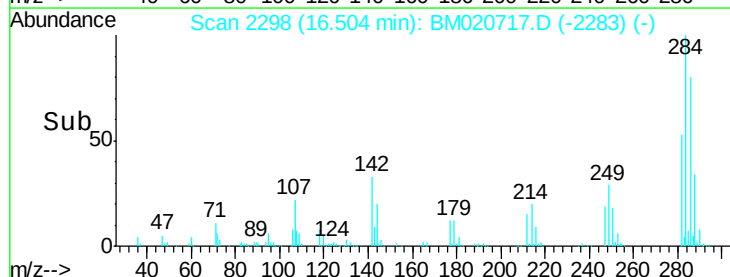
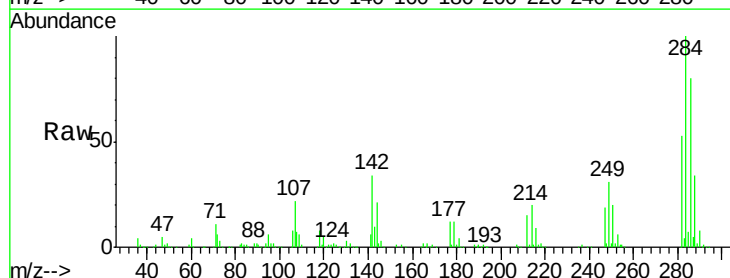
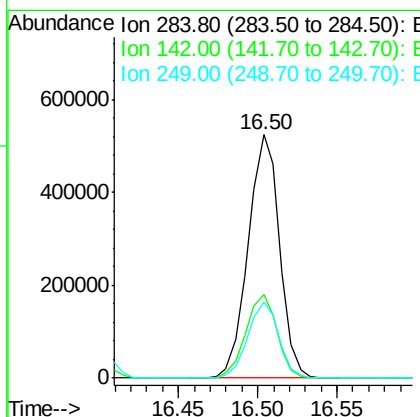
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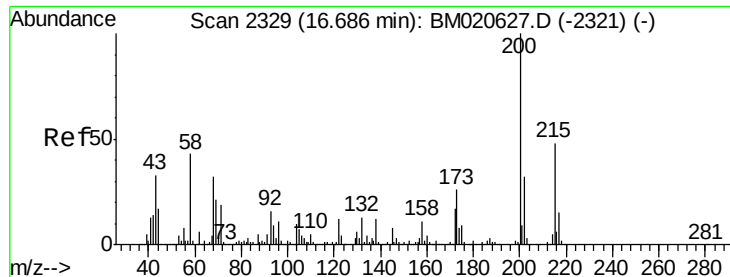
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#68
Hexachlorobenzene
Concen: 42.814 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.6	42.8
249	31.3	25.0	37.4





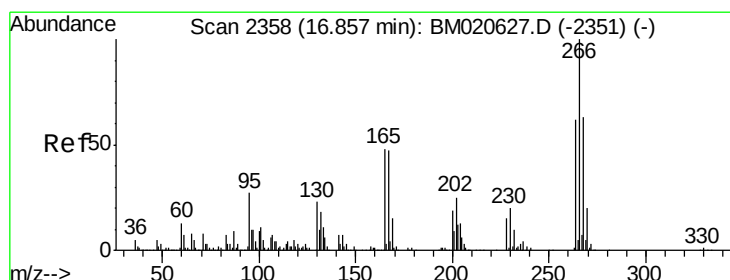
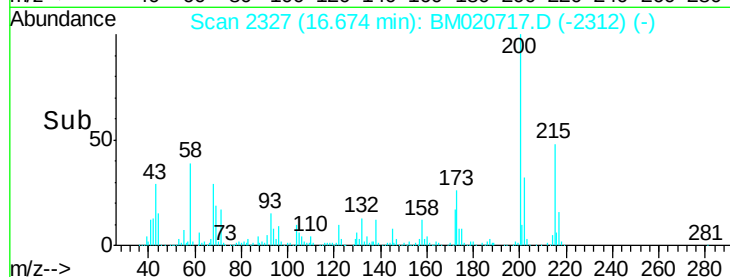
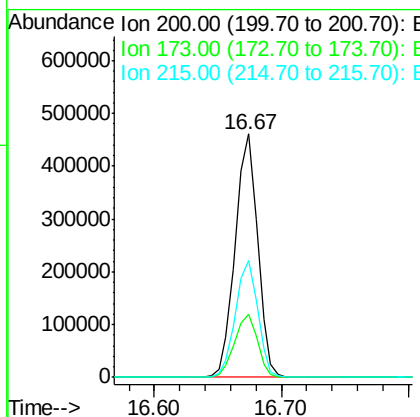
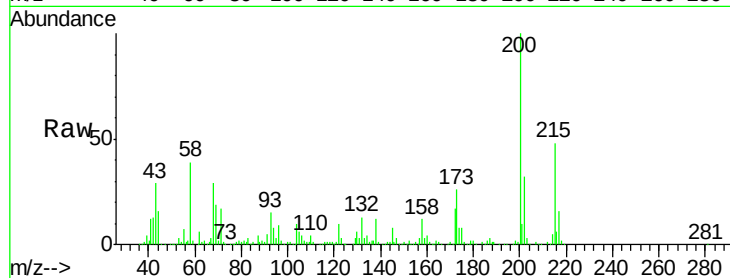
#69
 Atrazine
 Concen: 48.157 ng
 RT: 16.67 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	6.2	46.2
215	48.2	27.7	67.7

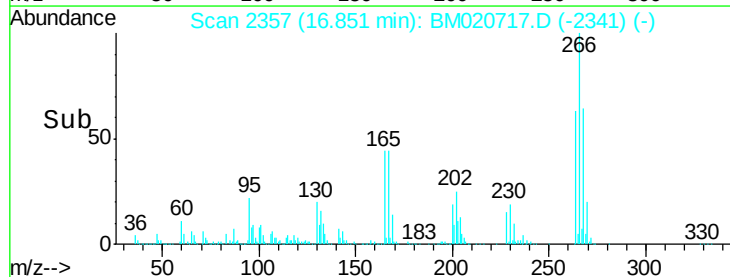
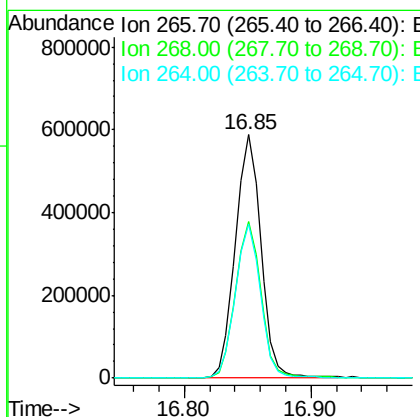
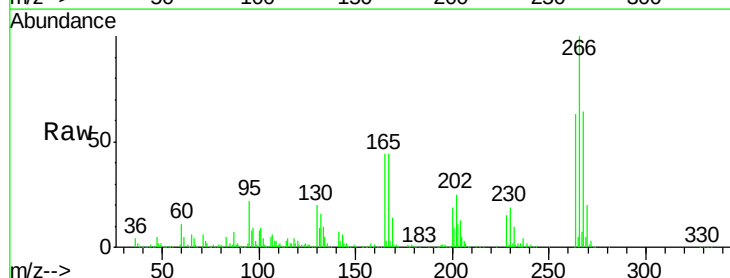
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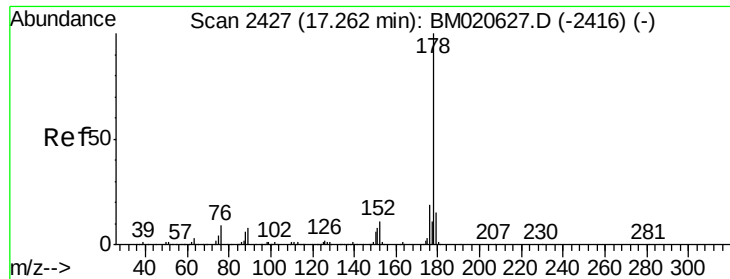
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#70
 Pentachlorophenol
 Concen: 102.804 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	50.6	75.8
264	63.2	49.6	74.4





#71

Phenanthrene

Concen: 43.176 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

Tgt Ion:178 Resp: 2990255

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

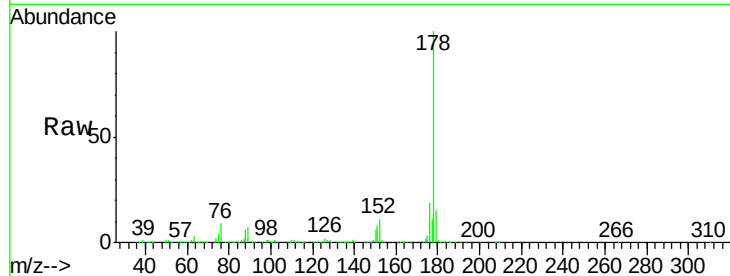
179 15.1 12.2 18.4

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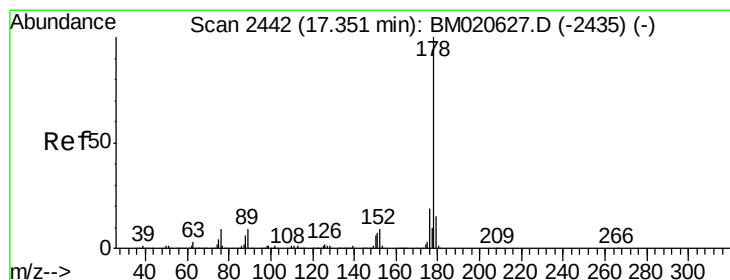
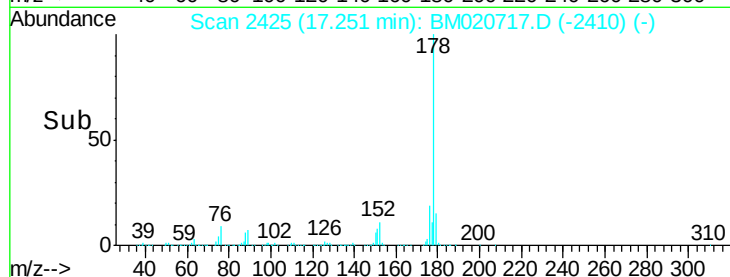
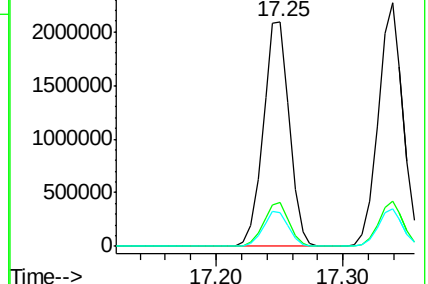
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.215 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

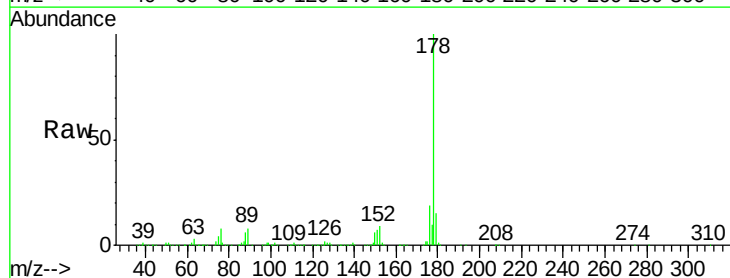
Tgt Ion:178 Resp: 3064893

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

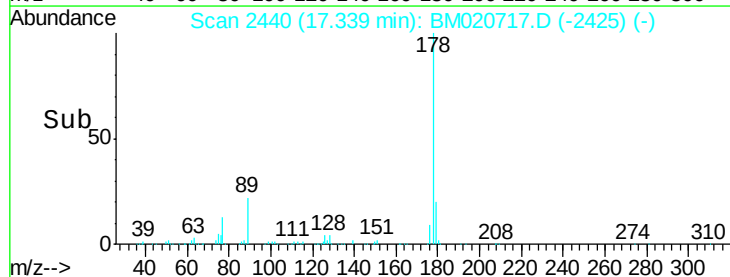
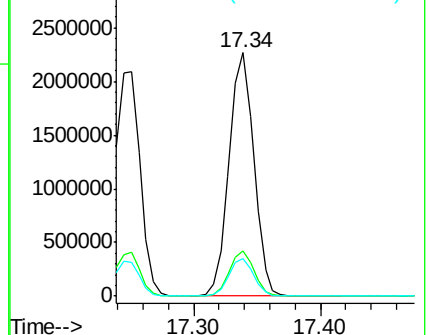
179 15.5 12.3 18.5

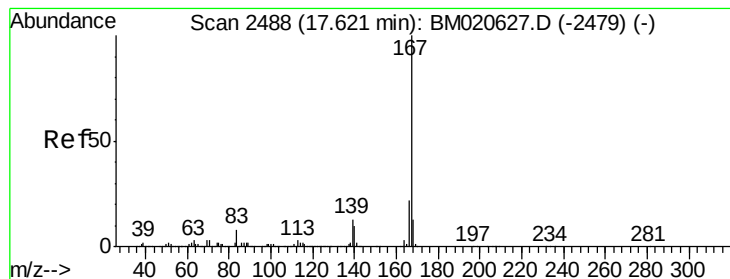


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.005 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

Tgt Ion:167 Resp: 2642296

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

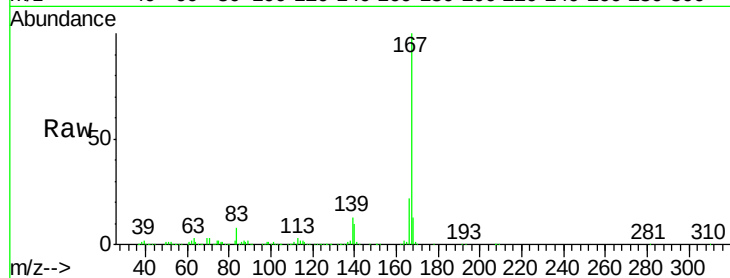
139 13.1 10.6 15.8

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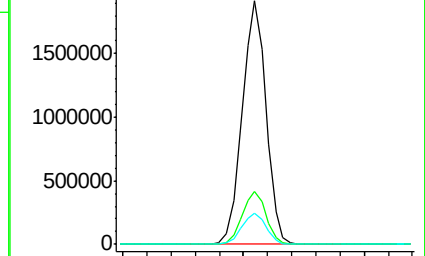
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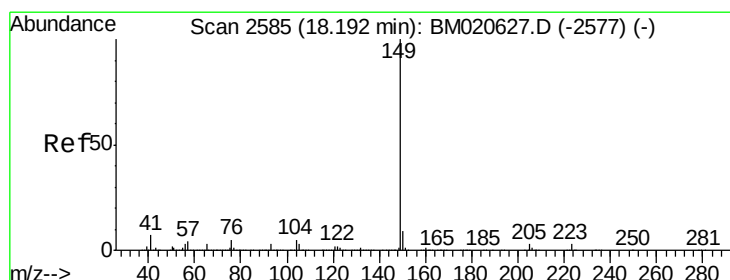
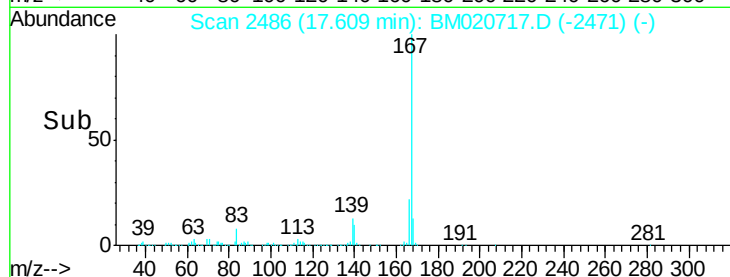
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 39.572 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

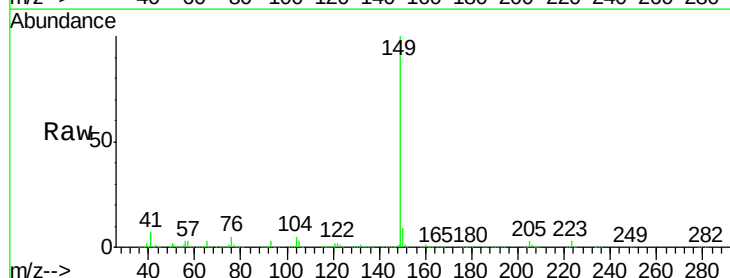
Tgt Ion:149 Resp: 3231366

Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

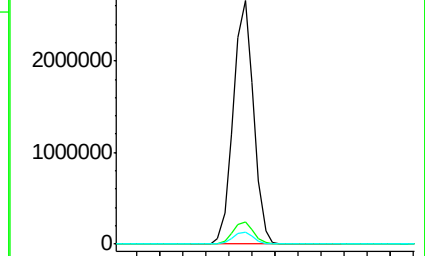
104 5.0 4.2 6.2



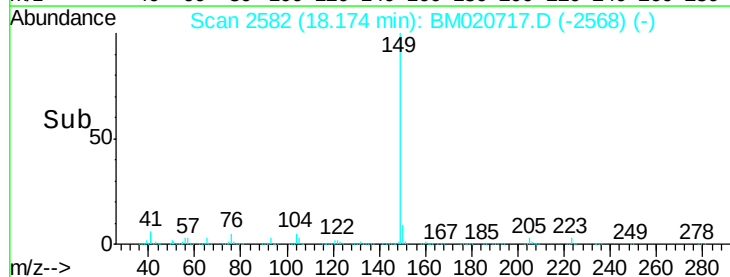
Abundance Ion 149.00 (148.70 to 149.70): E

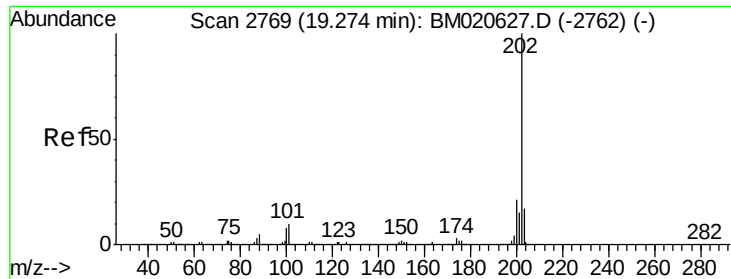
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 41.796 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

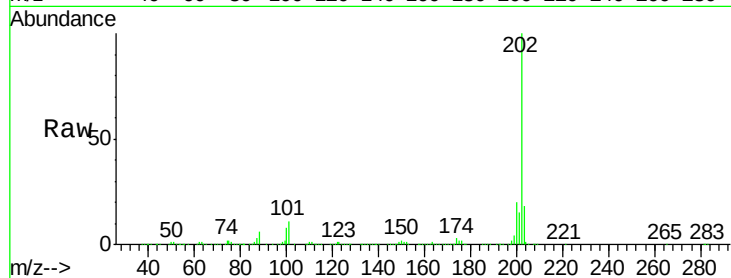
ClientSampleId :

PB120308BS

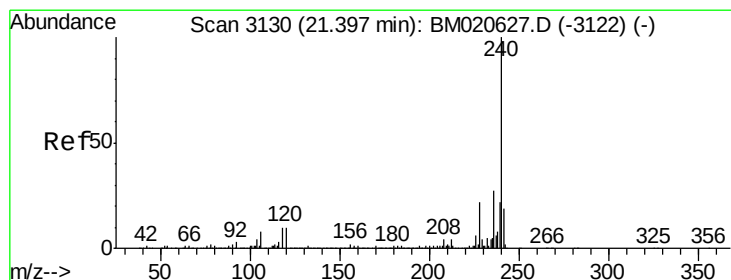
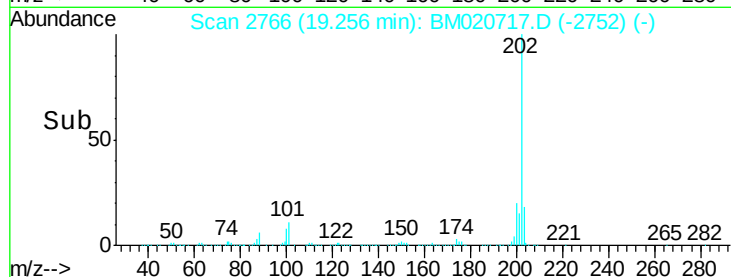
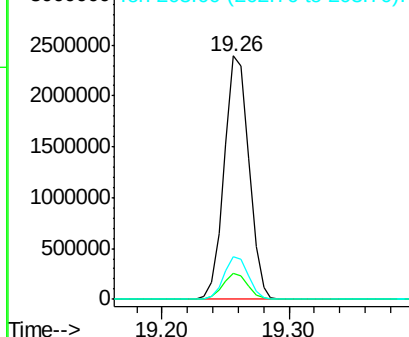
Tgt Ion:	202	Resp:	3219121
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.4
203	17.8	0.0	37.3

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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

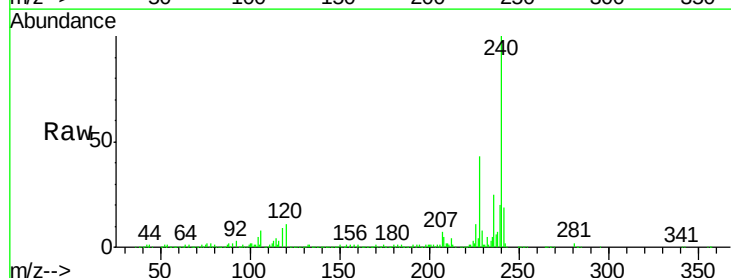
RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

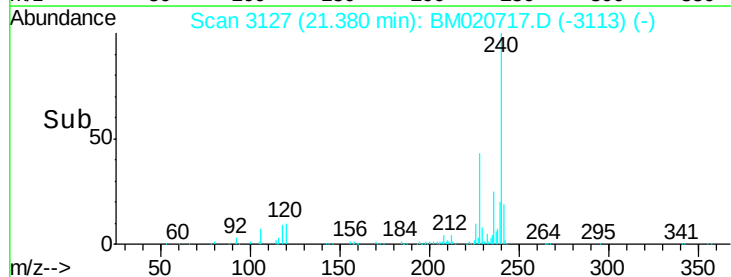
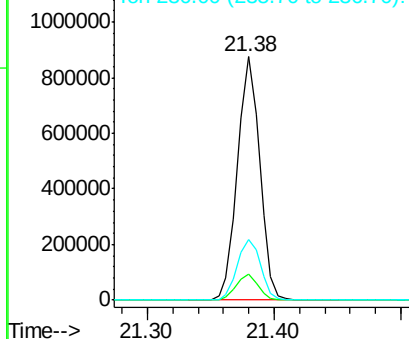
Lab File: BM020717.D

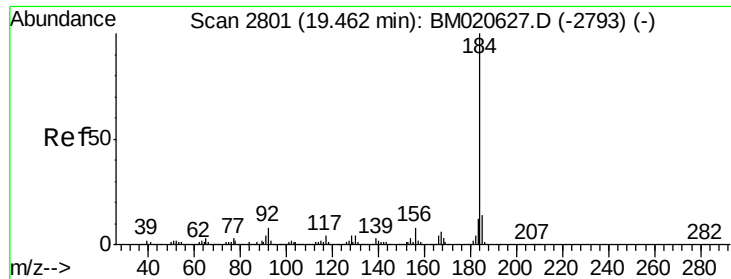
Acq: 05 Jun 2019 01:29

Tgt Ion:	240	Resp:	1061144
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	25.0	21.2	31.8



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: 44.859 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

Tgt Ion:184 Resp: 1442393

Ion Ratio Lower Upper

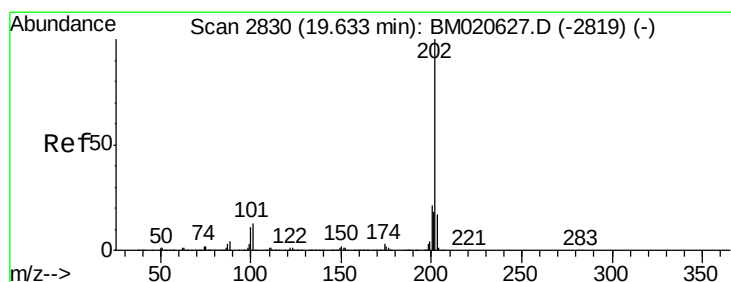
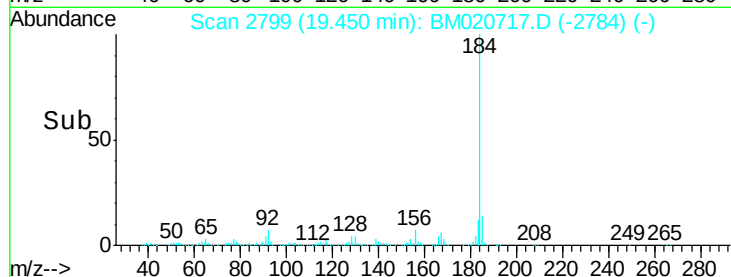
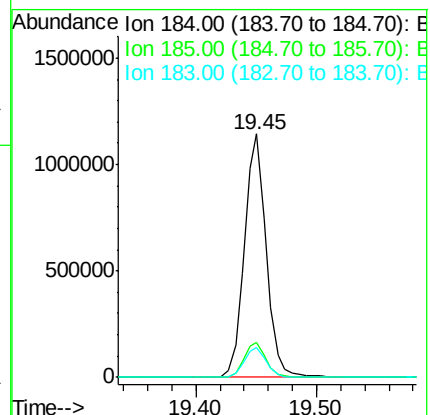
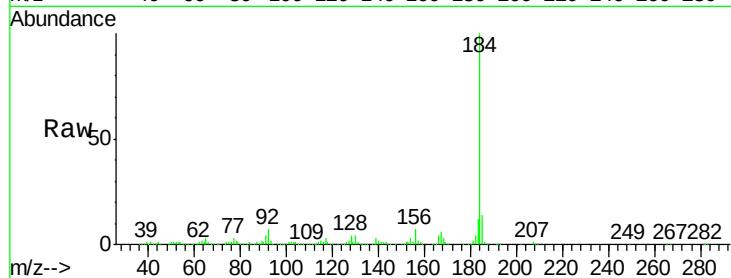
184 100

185 14.4 11.3 16.9

183 12.0 9.8 14.6

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#78

Pyrene

Concen: 39.940 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

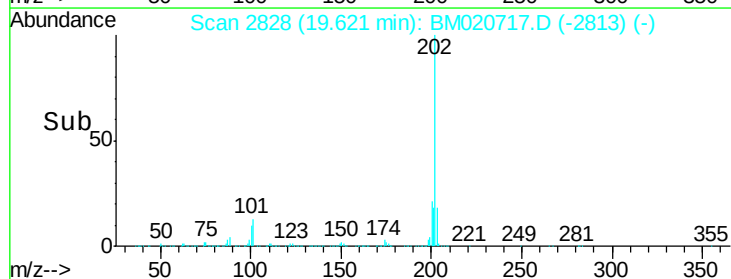
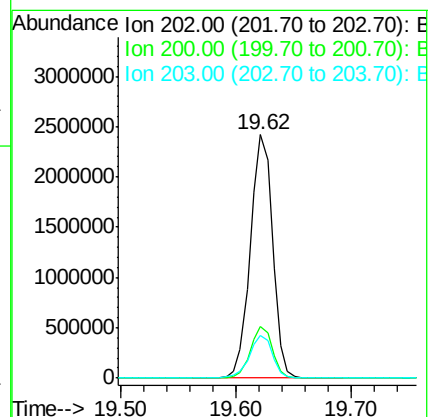
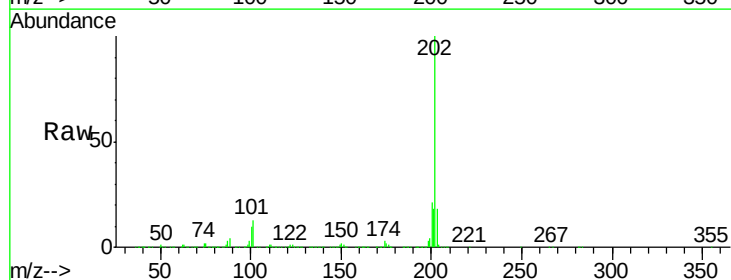
Tgt Ion:202 Resp: 3252367

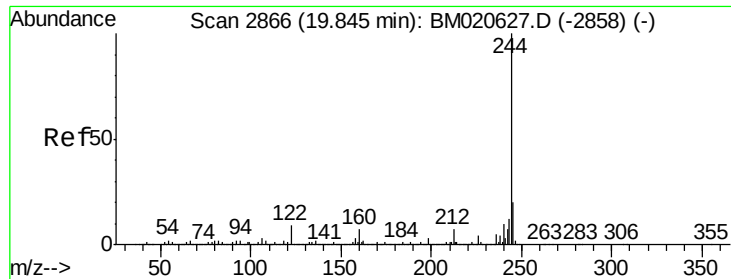
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.5 13.9 20.9





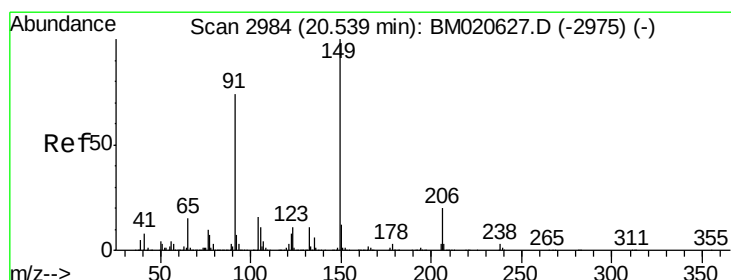
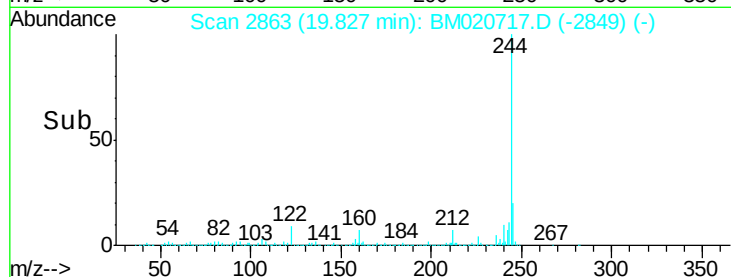
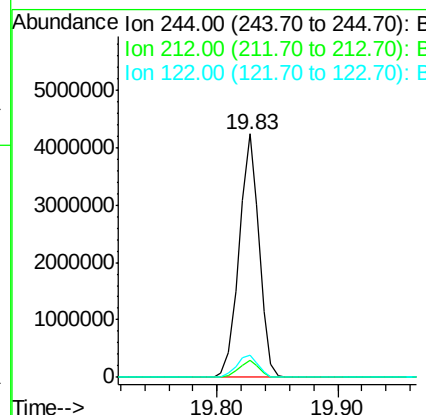
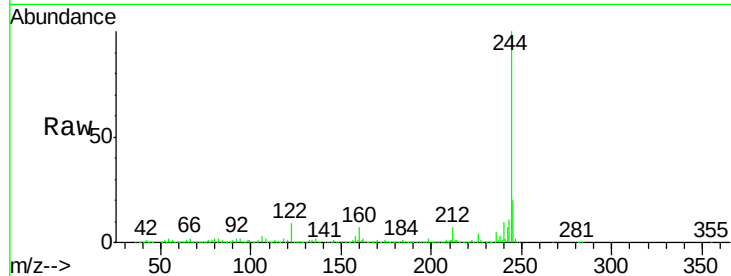
#79
 Terphenyl-d14
 Concen: 76.814 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampled :
 PB120308BS

Tgt Ion:244 Resp: 4873157
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.3 7.2 10.8

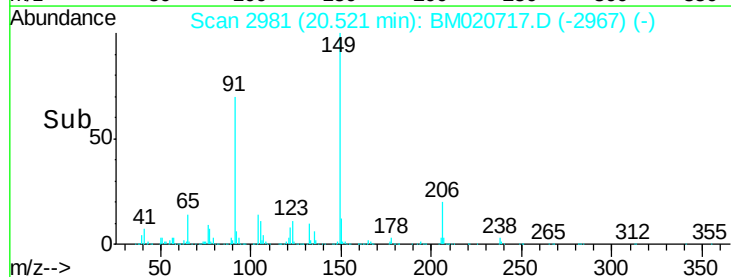
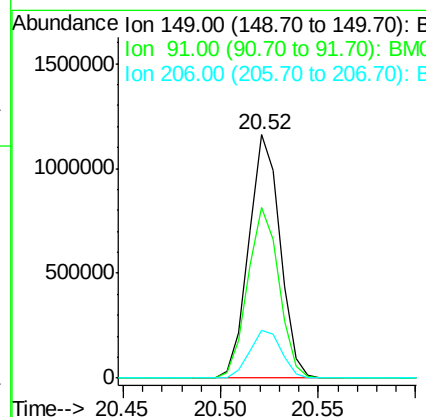
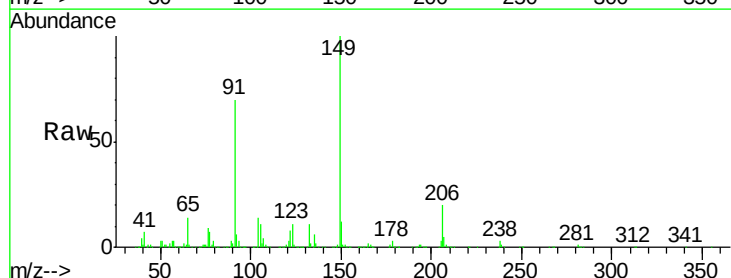
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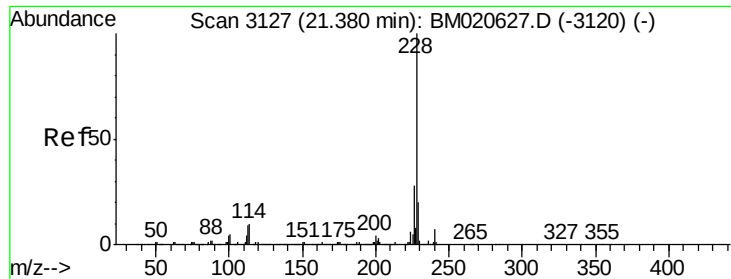
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#80
 Butylbenzylphthalate
 Concen: 37.442 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion:149 Resp: 1288470
 Ion Ratio Lower Upper
 149 100
 91 70.0 59.6 89.4
 206 19.7 15.7 23.5





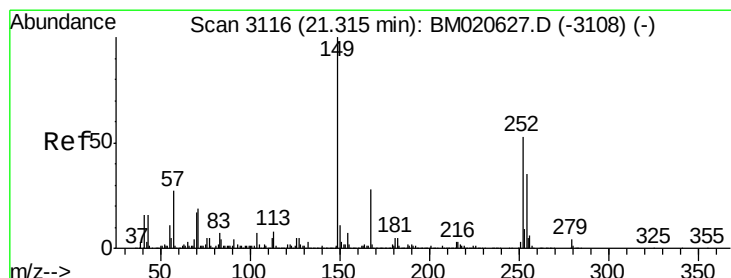
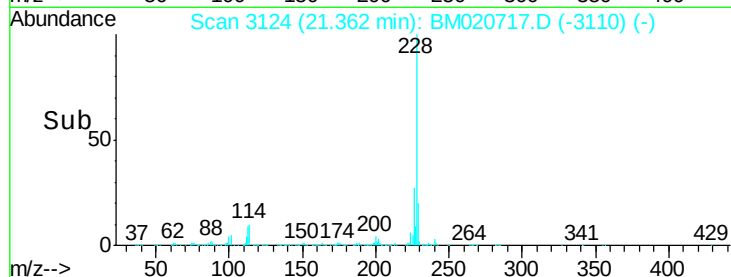
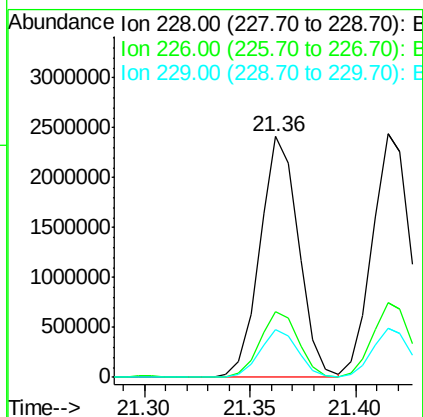
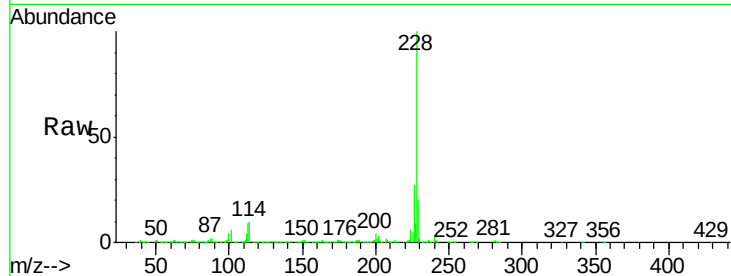
#81
Benzo(a)anthracene
Concen: 41.531 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.3	33.5
229	19.7	15.9	23.9

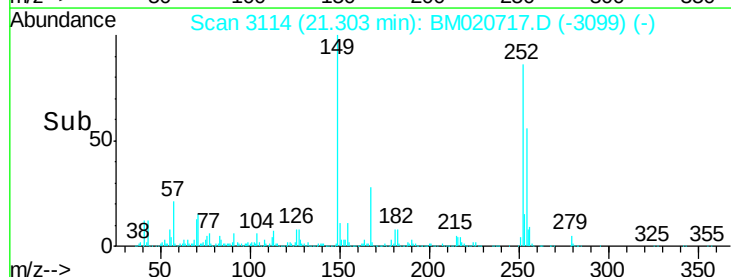
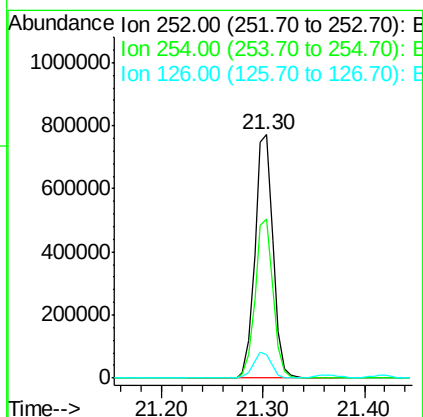
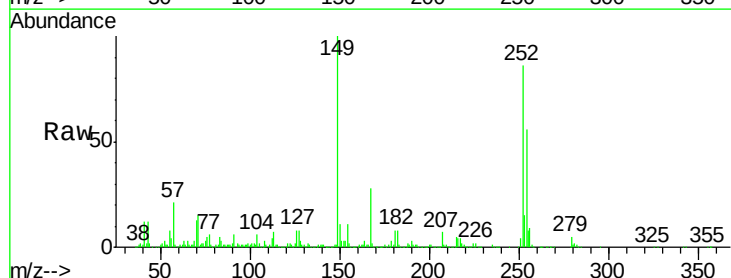
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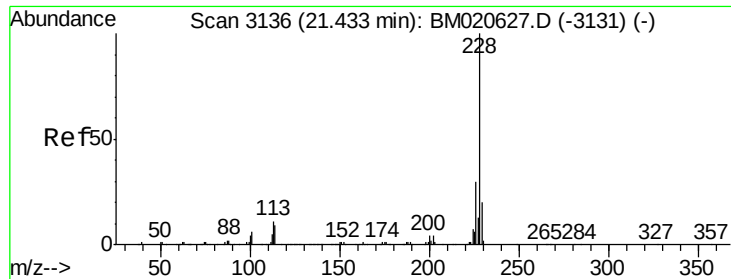
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#82
3,3'-Dichlorobenzidine
Concen: 35.098 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	9.7	8.0	12.0





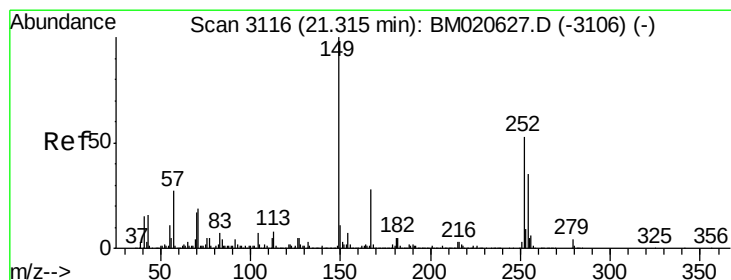
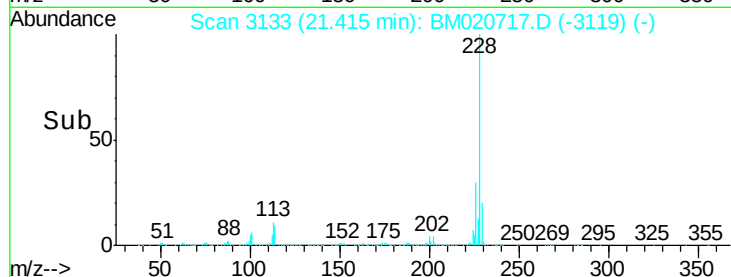
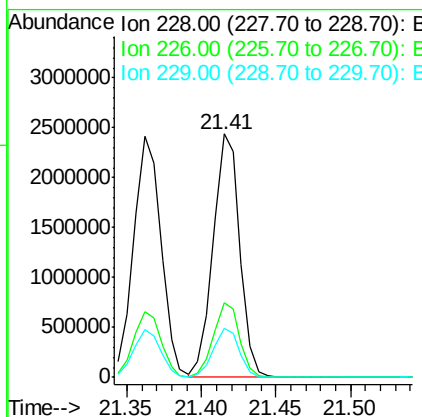
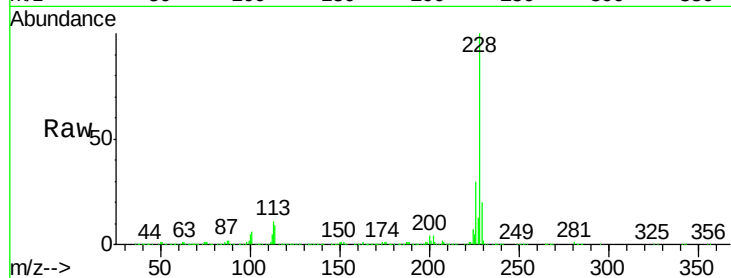
#83
Chrysene
Concen: 43.155 ng
RT: 21.41 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion: 228 Resp: 3031383
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 20.0 15.8 23.6

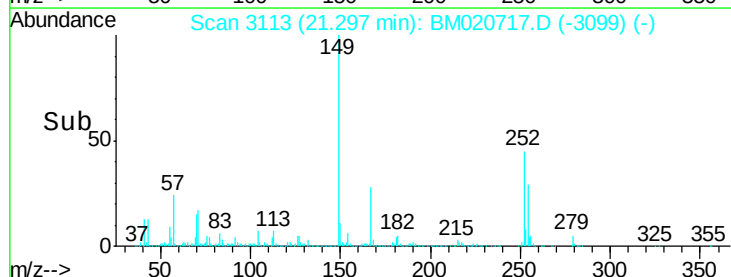
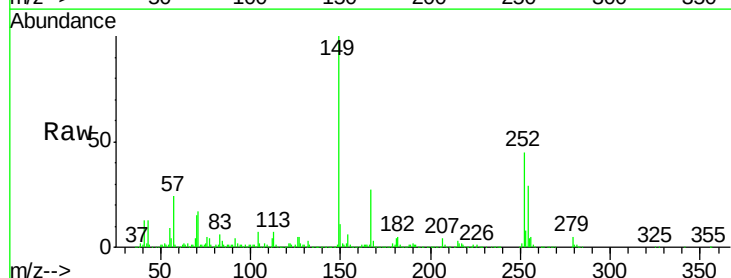
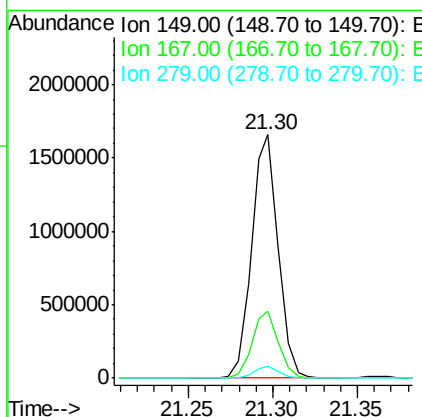
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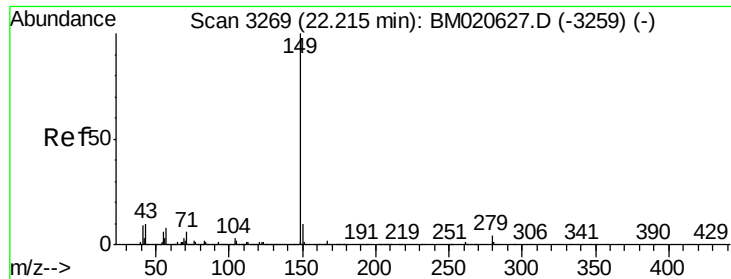
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.013 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion: 149 Resp: 1801161
Ion Ratio Lower Upper
149 100
167 27.5 22.1 33.1
279 4.8 3.4 5.0





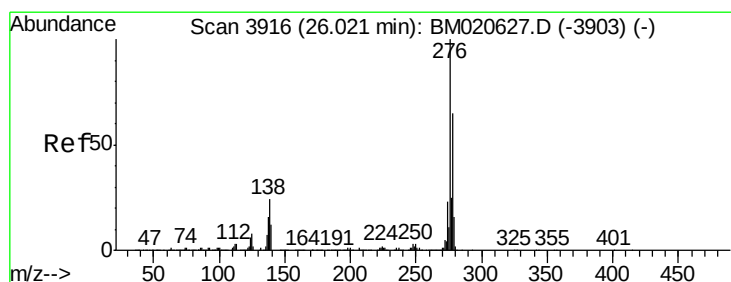
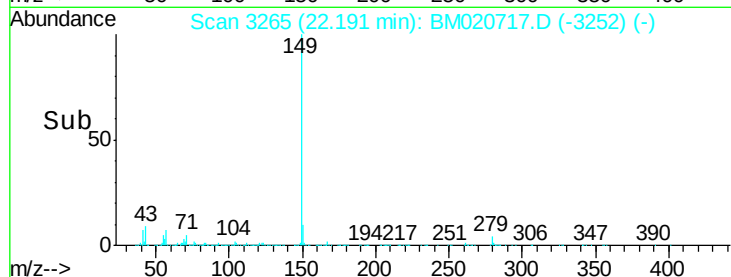
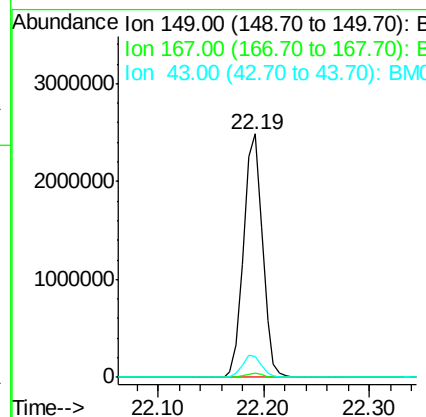
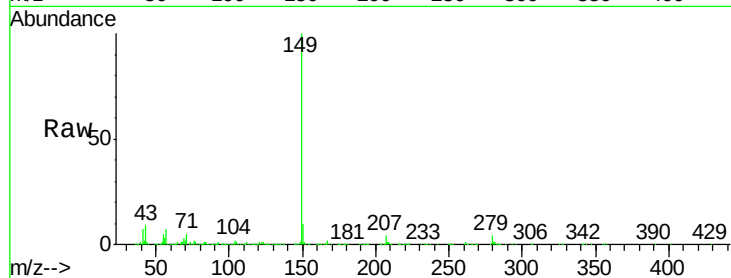
#85
Di-n-octyl phthalate
Concen: 38.276 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	8.2	12.4

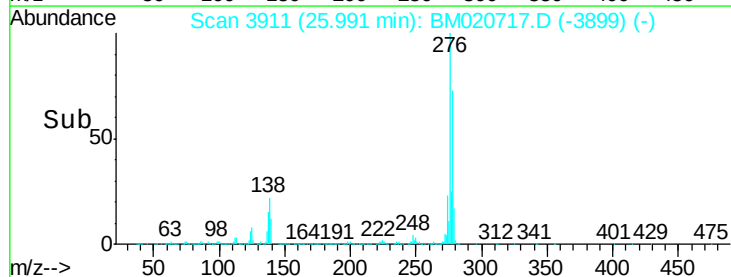
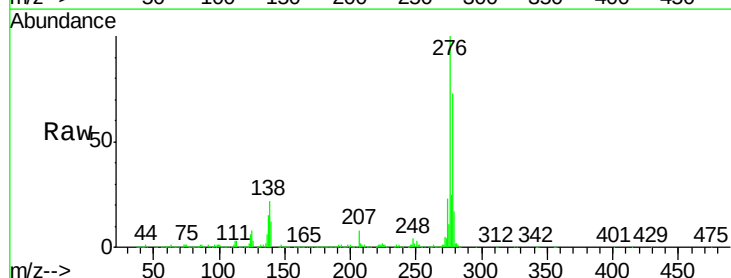
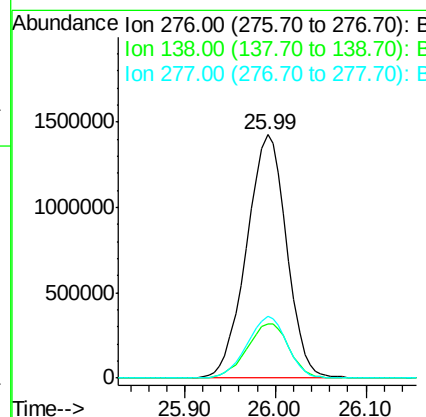
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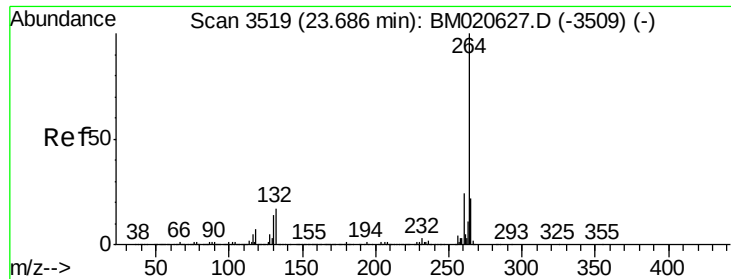
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#86
Indeno(1,2,3-cd)pyrene
Concen: 60.690 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.03 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.8	29.8
277	25.4	20.2	30.4





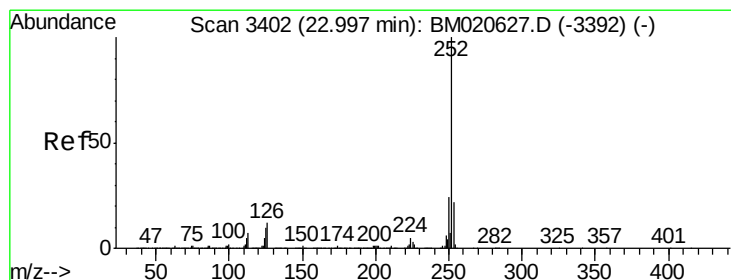
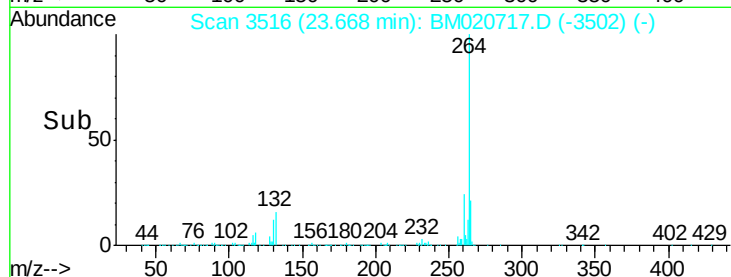
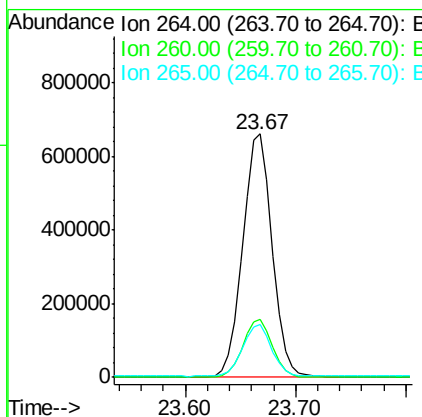
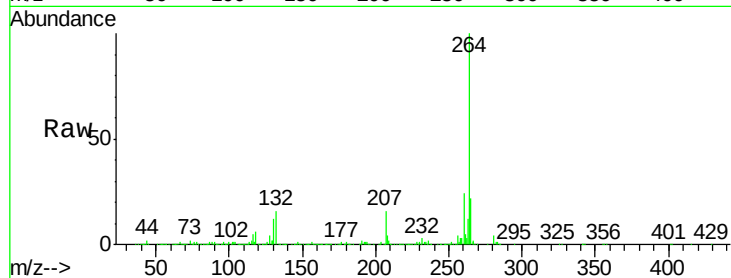
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.6	26.4

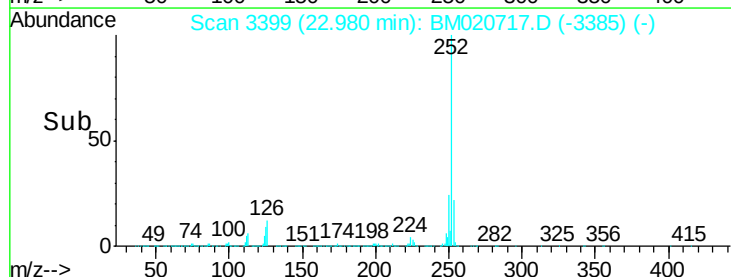
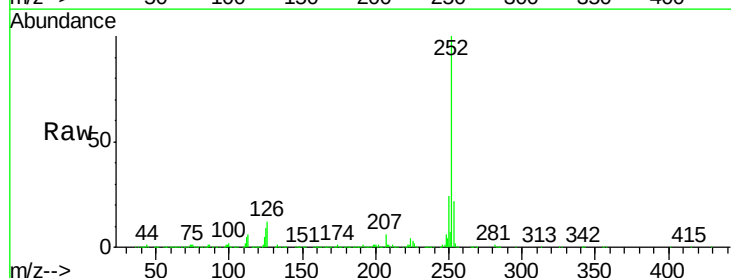
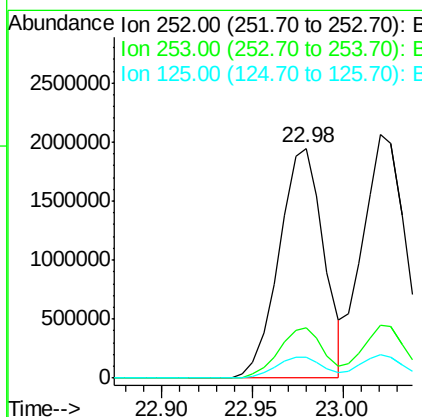
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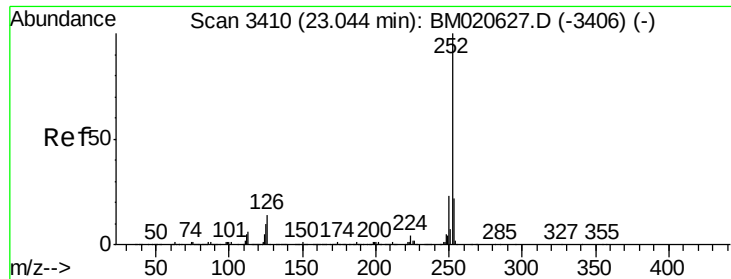
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#88
Benzo(b)fluoranthene
Concen: 40.819 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.2	7.8	11.8





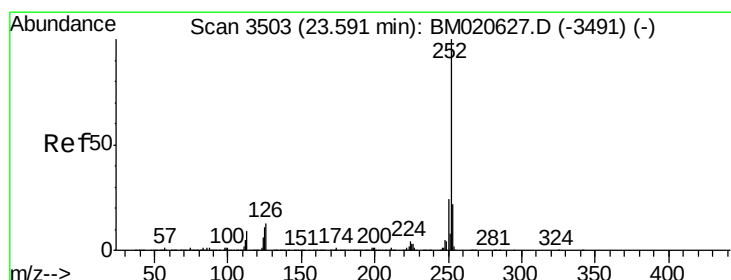
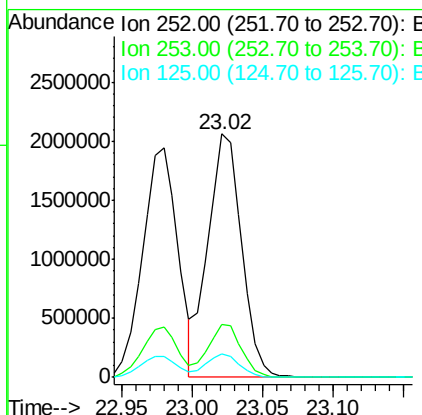
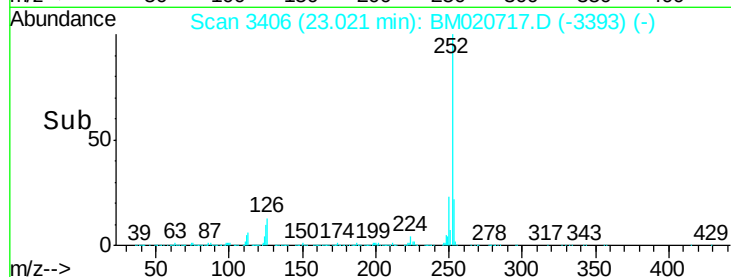
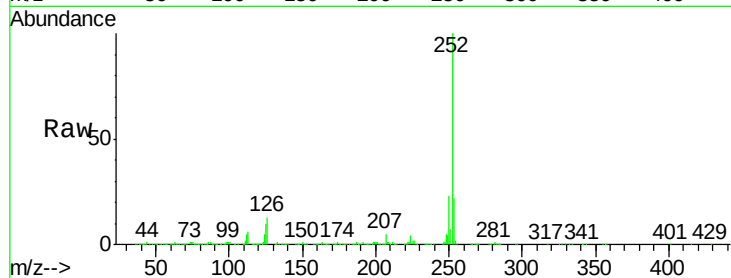
#89
Benzo(k)fluoranthene
Concen: 42.212 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion: 252 Resp: 3385498
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.7 7.8 11.8

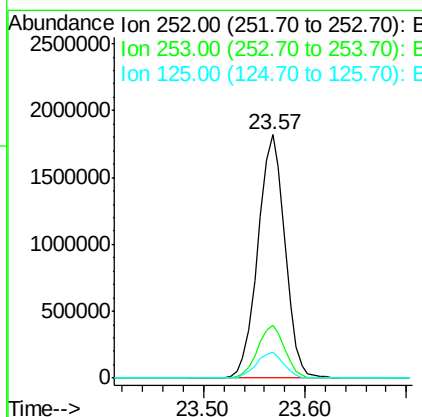
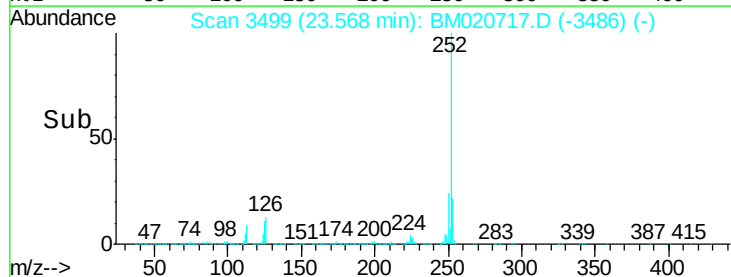
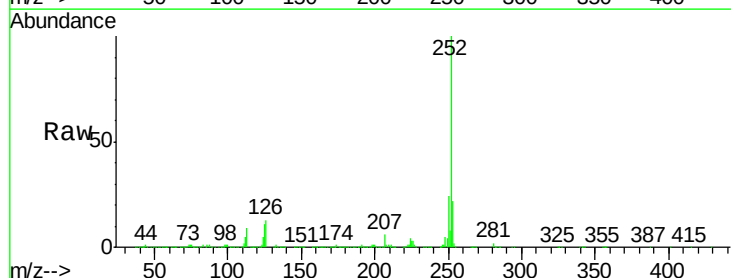
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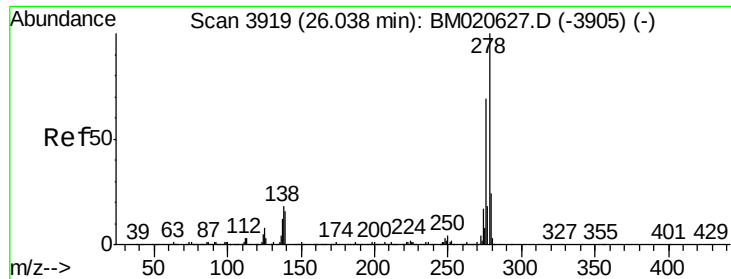
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#90
Benzo(a)pyrene
Concen: 45.203 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion: 252 Resp: 3364955
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.6 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 50.768 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

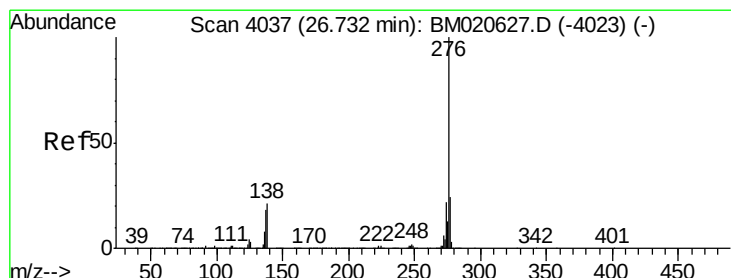
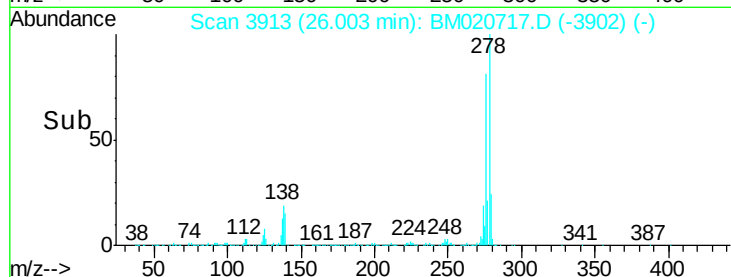
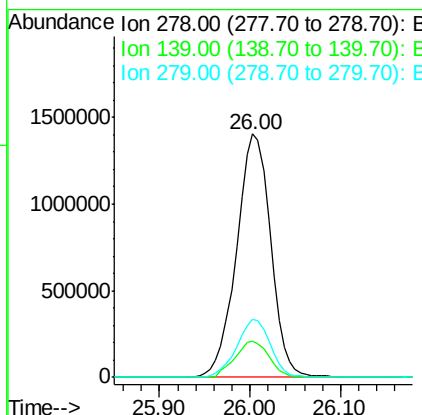
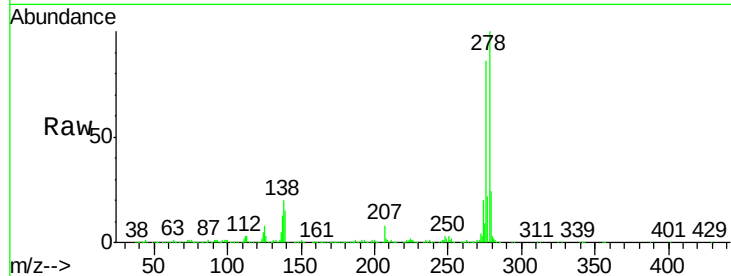
Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion: 278 Resp: 3666469

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.6	18.8
279	23.6	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 52.567 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion: 276 Resp: 3526269

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	20.1	17.0	25.4

