

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020677.D
 Acq On : 03 Jun 2019 18:53
 Operator : HP/JU
 Sample : PB120221BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BSD

Manual Integrations
 APPROVED

mohammad
 6/5/2019 8:46:07 AM

Quant Time: Jun 04 06:39:34 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	7.83	152	297396	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1163216	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	595552	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1146576	20.00	ng	0.00
76) Chrysene-d12	21.39	240	962631	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1063349	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2356059	139.36	ng	0.00
7) Phenol-d6	6.99	99	3108495	124.87	ng	0.00
23) Nitrobenzene-d5	8.99	82	1654092	73.68	ng	-0.01
42) 2,4,6-Tribromophenol	15.96	330	983011	133.22	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3541430	79.06	ng	0.00
79) Terphenyl-d14	19.83	244	3648355	63.39	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	265437	38.348	ng	97
3) Pyridine	3.74	79	734543	33.354	ng	99
4) n-Nitrosodimethylamine	3.66	42	331312	34.899	ng	95
6) Aniline	7.16	93	921300	25.577	ng	99
8) 2-Chlorophenol	7.39	128	812563	38.634	ng	99
9) Benzaldehyde	6.97	77	264137	14.518	ng	97
10) Phenol	7.02	94	991236	36.949	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	750305	35.094	ng	96
12) 1,3-Dichlorobenzene	7.72	146	862738	35.691	ng	99
13) 1,4-Dichlorobenzene	7.86	146	883344	35.947	ng	99
14) 1,2-Dichlorobenzene	8.17	146	846221	35.386	ng	99
15) Benzyl Alcohol	8.07	79	725299	32.934	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1061052	32.145	ng	99
17) 2-Methylphenol	8.26	107	660708	35.024	ng	98
18) Hexachloroethane	8.90	117	324592	34.500	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	616569	30.812	ng	98
20) 3+4-Methylphenols	8.59	107	870482	33.915	ng	99
22) Acetophenone	8.65	105	1146443	38.797	ng	# 97
24) Nitrobenzene	9.03	77	905659	39.515	ng	98
25) Isophorone	9.55	82	1596945	35.759	ng	99
26) 2-Nitrophenol	9.74	139	370256	43.346	ng	98
27) 2,4-Dimethylphenol	9.79	122	698181	43.620	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	981118	36.335	ng	100
29) 2,4-Dichlorophenol	10.26	162	707256	39.938	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	788737	38.735	ng	100
31) Naphthalene	10.67	128	2331081	38.971	ng	100
32) Benzoic acid	9.92	122	350853	36.235	ng	95
33) 4-Chloroaniline	10.78	127	388289	13.948	ng	98
34) Hexachlorobutadiene	10.95	225	459047	37.572	ng	99
35) Caprolactam	11.56	113	194607m	31.633	ng	
36) 4-Chloro-3-methylphenol	11.90	107	728558	35.385	ng	100
37) 2-Methylnaphthalene	12.28	142	1667318	37.605	ng	99
38) 1-Methylnaphthalene	12.50	142	1573995	37.283	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	832129	42.636	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1023507	87.686	nq	99
43) 2,4,6-Trichlorophenol	12.89	196	516076	41.080	nq	99
44) 2,4,5-Trichlorophenol	12.96	196	546699	42.153	nq	97
46) 1,1'-Biphenyl	13.30	154	2066438	41.546	nq	99
47) 2-Chloronaphthalene	13.34	162	1594890	39.730	nq	99
48) 2-Nitroaniline	13.55	65	444906	35.311	nq	93
49) Acenaphthylene	14.19	152	2458509	39.251	nq	100
50) Dimethylphthalate	13.93	163	1853480	36.428	nq	100
51) 2,6-Dinitrotoluene	14.05	165	395120	38.245	nq	92
52) Acenaphthene	14.53	154	1434663	38.435	nq	100
53) 3-Nitroaniline	14.37	138	232019	20.120	nq	95
54) 2,4-Dinitrophenol	14.58	184	316660	72.040	nq	93
55) Dibenzofuran	14.86	168	2232917	38.516	nq	99
56) 4-Nitrophenol	14.67	139	634485	74.665	nq	95
57) 2,4-Dinitrotoluene	14.83	165	521197	37.677	nq	97
58) Fluorene	15.52	166	1759933	36.915	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	448185	39.657	nq	99
60) Diethylphthalate	15.29	149	1837039	35.007	nq	99
61) 4-Chlorophenyl-phenylether	15.51	204	914027	36.209	nq	98
62) 4-Nitroaniline	15.54	138	380049	31.075	nq	96
63) Azobenzene	15.80	77	1789044	35.561	nq	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	193964	39.163	nq	97
66) n-Nitrosodiphenylamine	15.73	169	1514521	41.262	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	530633	39.307	nq	97
68) Hexachlorobenzene	16.51	284	598773	37.984	nq	96
69) Atrazine	16.67	200	478941	43.720	nq	99
70) Pentachlorophenol	16.85	266	664684	88.385	nq	99
71) Phenanthrene	17.25	178	2530211	38.931	nq	100
72) Anthracene	17.34	178	2580103	39.664	nq	99
73) Carbazole	17.62	167	2230948	37.794	nq	100
74) Di-n-butylphthalate	18.18	149	2844478	37.121	nq	100
75) Fluoranthene	19.26	202	2653608	36.715	nq	99
77) Benzidine	19.45	184	1120598	38.418	nq	99
78) Pyrene	19.63	202	2715858	36.765	nq	100
80) Butylbenzylphthalate	20.53	149	1159138	37.131	nq	98
81) Benzo(a)anthracene	21.37	228	2494320	37.208	nq	99
82) 3,3'-Dichlorobenzidine	21.30	252	787123	32.065	nq	97
83) Chrysene	21.42	228	2440940	38.306	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1697074	37.404	nq	99
85) Di-n-octyl phthalate	22.20	149	2802691	38.908	nq	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3239462	49.692	nq	100
88) Benzo(b)fluoranthene	22.99	252	2596910	36.950	nq	99
89) Benzo(k)fluoranthene	23.03	252	2636463	38.386	nq	100
90) Benzo(a)pyrene	23.57	252	2568306	40.288	nq	99
91) Dibenzo(a,h)anthracene	26.01	278	2718889	43.962	nq	99
92) Benzo(g,h,i)perylene	26.71	276	2633621	45.845	nq	99

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

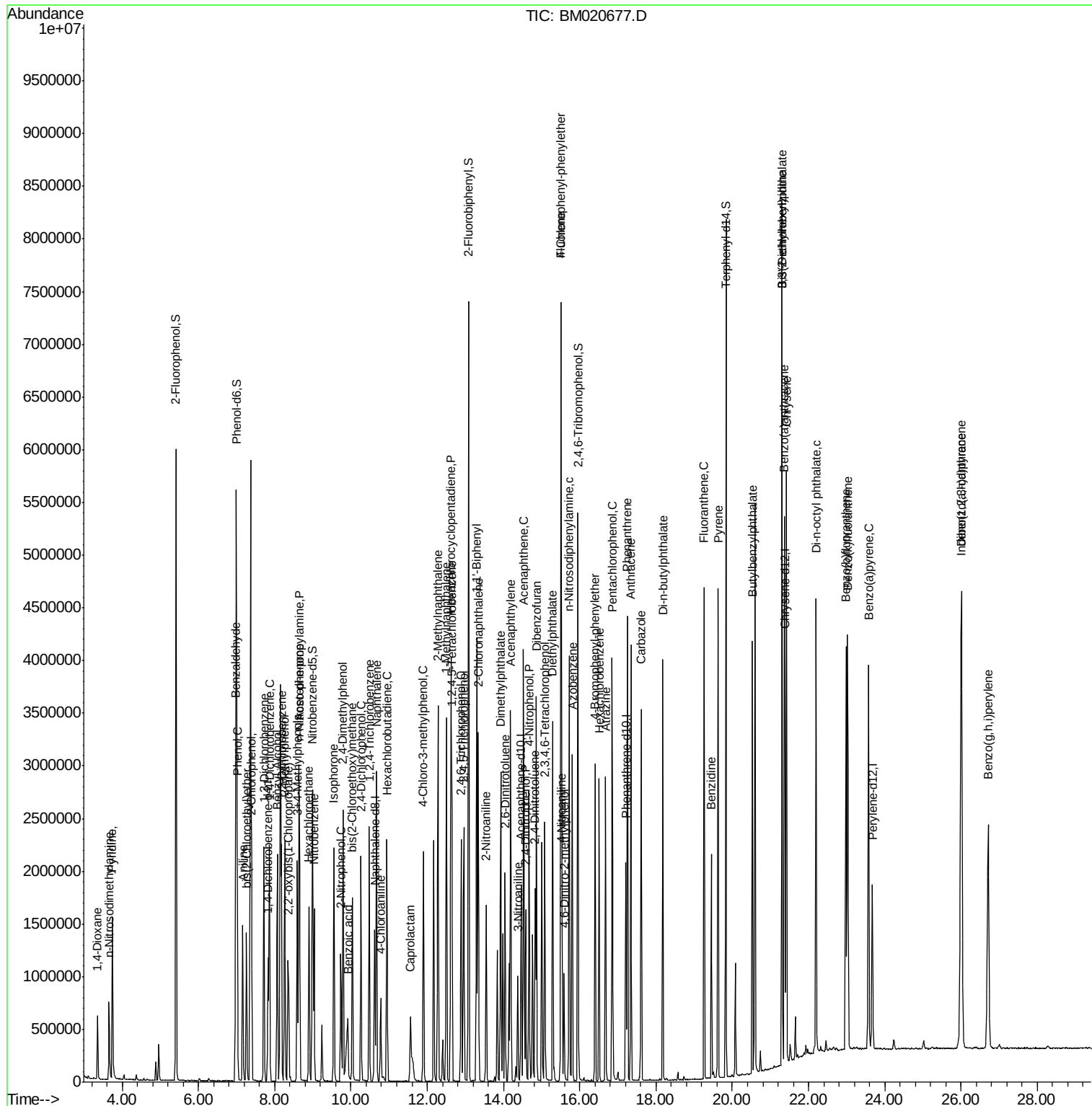
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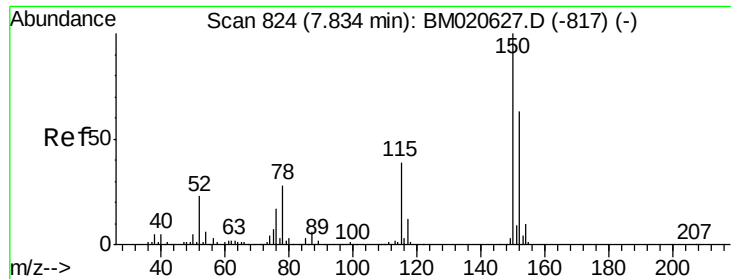
Instrument :
 BNA_M
 ClientSampled :
 PB120221BSD

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#1

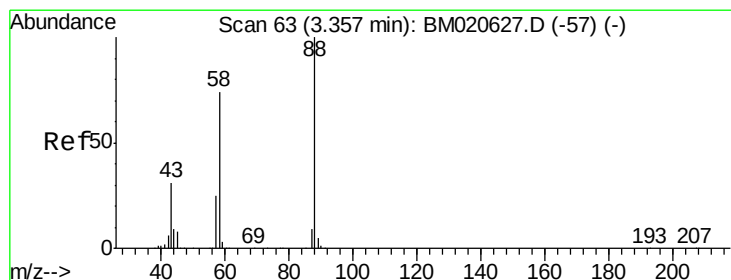
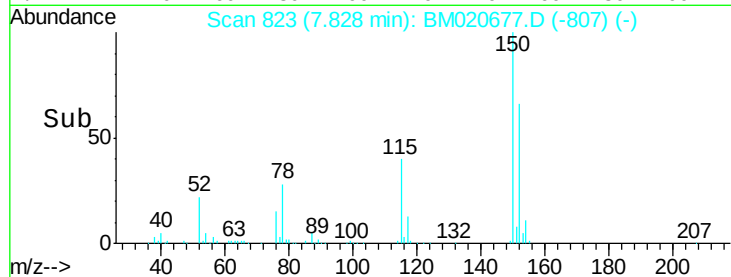
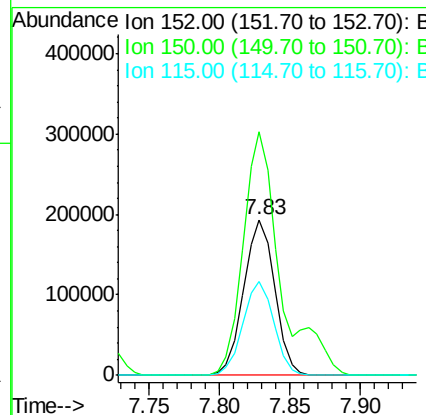
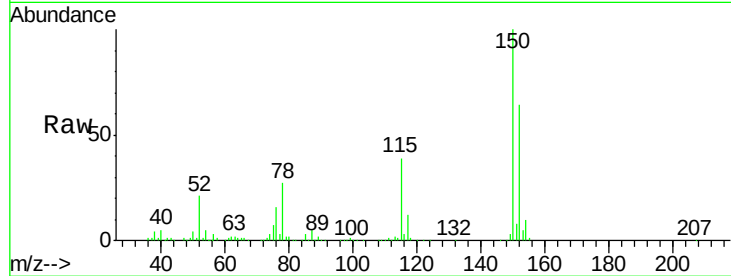
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.0	189.0
115	60.6	49.6	74.4

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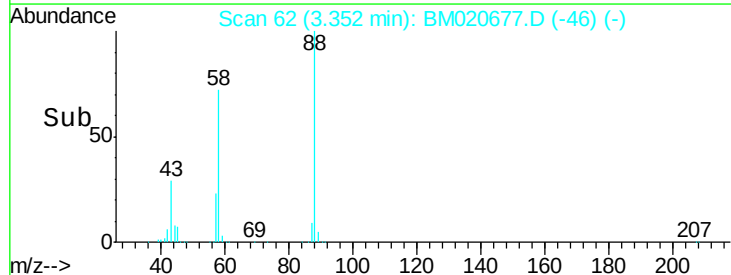
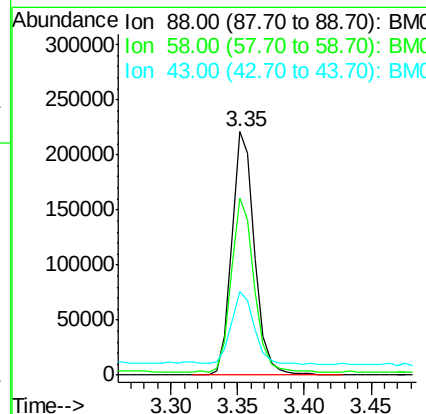
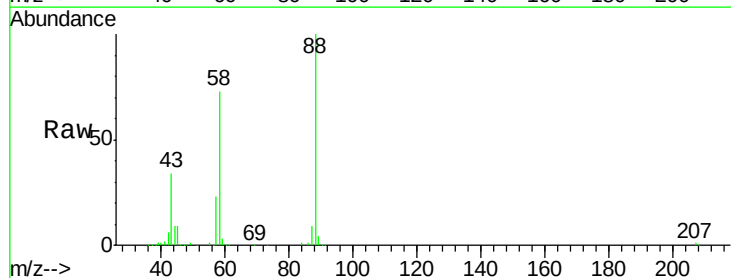
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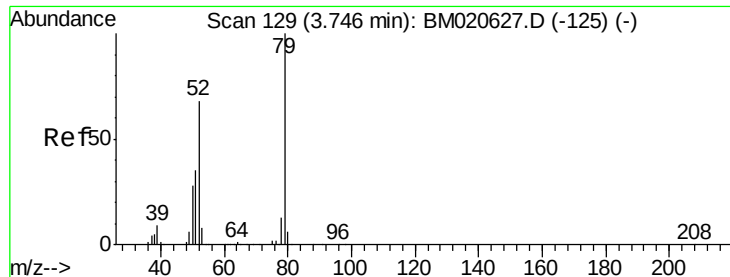


#2

1,4-Dioxane
Concen: 38.348 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	60.2	90.4
43	31.2	25.3	37.9





#3

Pvridine

Concen: 33.354 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

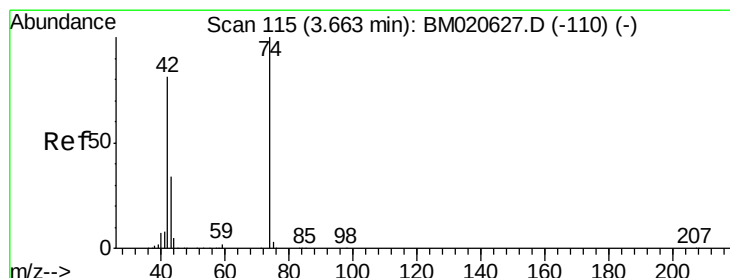
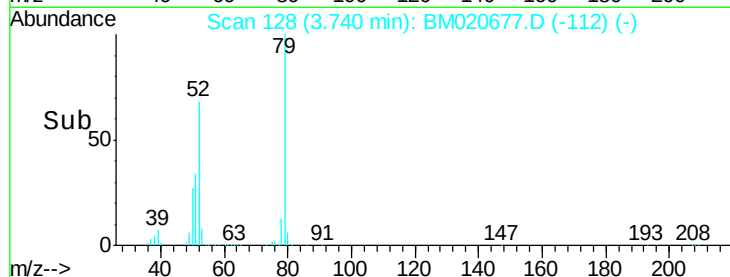
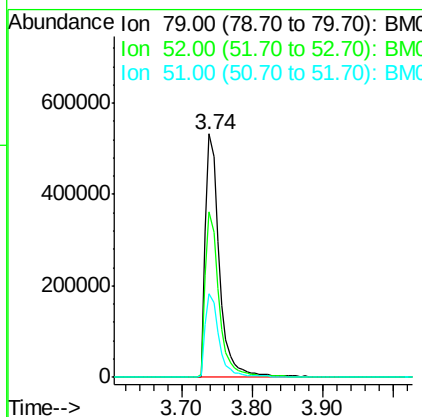
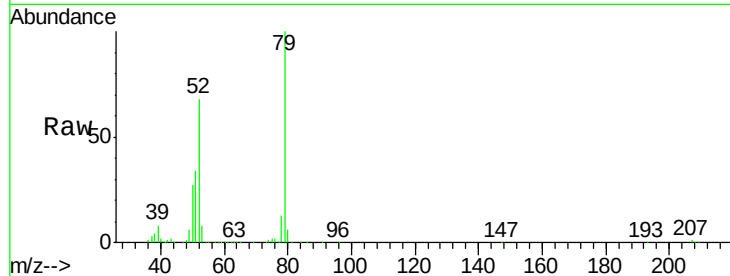
ClientSampleId :

PB120221BSD

Tot Ion:	79	Resp:	734543
Ion Ratio	Lower	Upper	
79	100		
52	67.8	54.1	81.1
51	34.3	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 34.899 ng

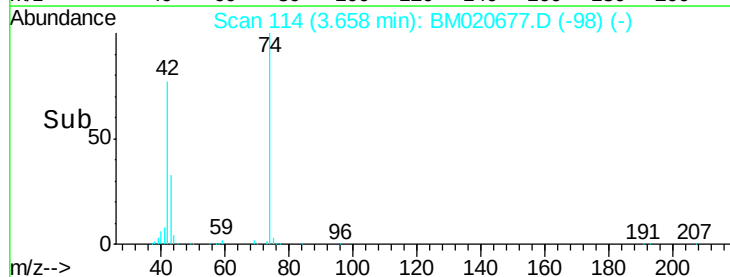
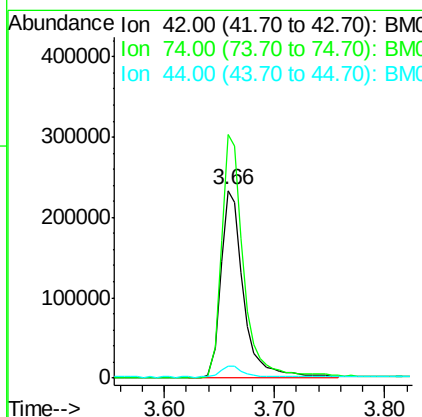
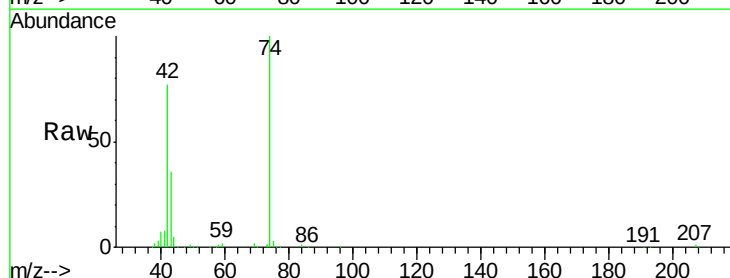
RT: 3.66 min Scan# 114

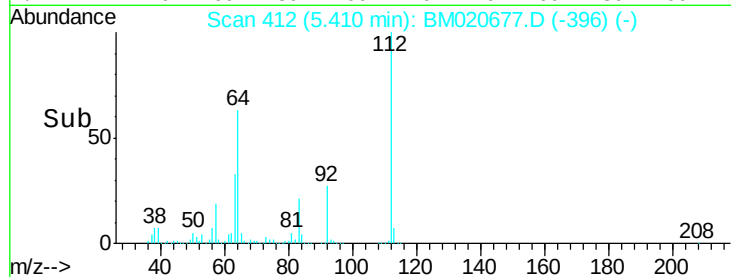
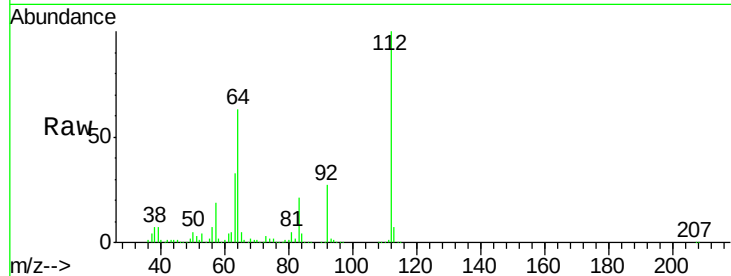
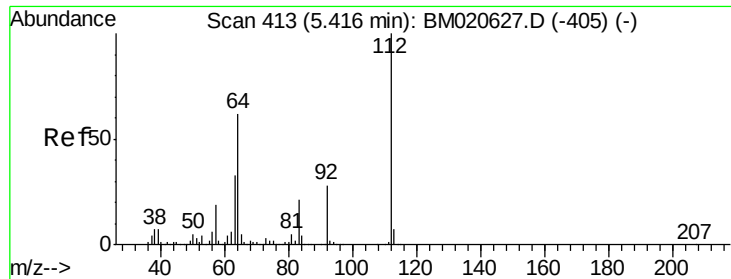
Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tgt Ion:	42	Resp:	331312
Ion Ratio	Lower	Upper	
42	100		
74	129.6	99.4	149.0
44	6.4	5.8	8.8





#5

2-Fluorophenol

Concen: 139.358 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tot Ion:	112	Resp:	2356059
Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.7	74.5
63	32.5	26.4	39.6

Instrument :

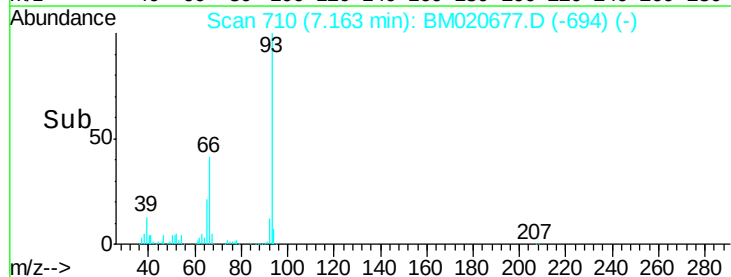
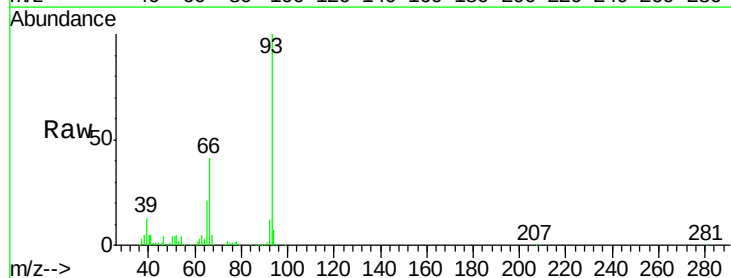
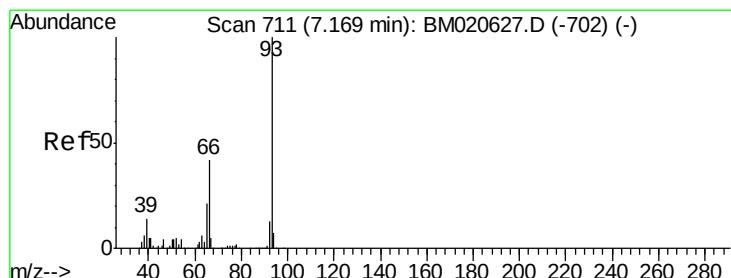
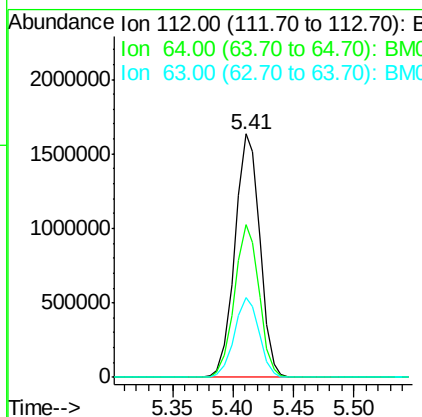
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#6

Aniline

Concen: 25.577 ng

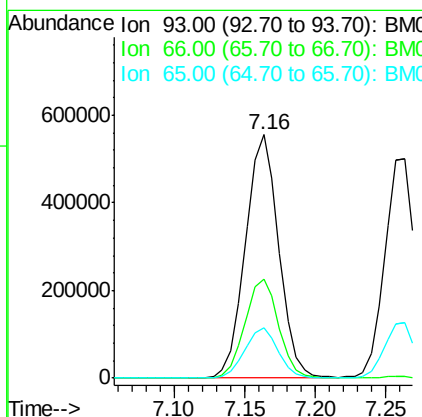
RT: 7.16 min Scan# 710

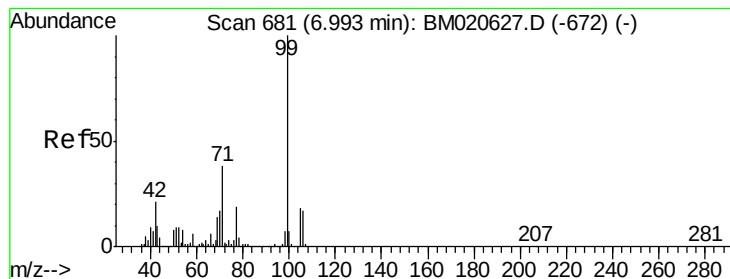
Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tgt Ion:	93	Resp:	921300
Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.6	50.4
65	20.8	16.7	25.1





#7

Phenol-d6

Concen: 124.868 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion: 99 Resp: 3108495

Ion Ratio Lower Upper

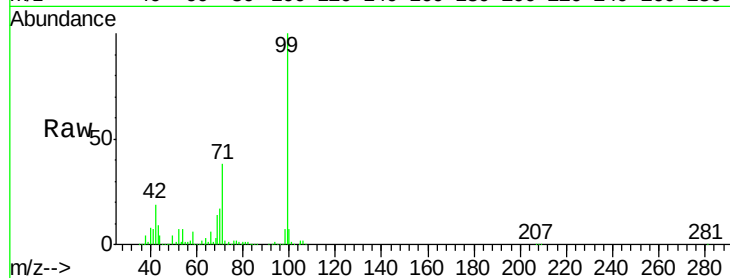
99 100

42 19.3 16.5 24.7

71 37.7 30.7 46.1

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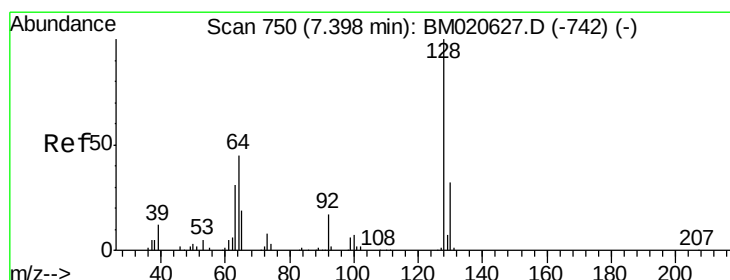
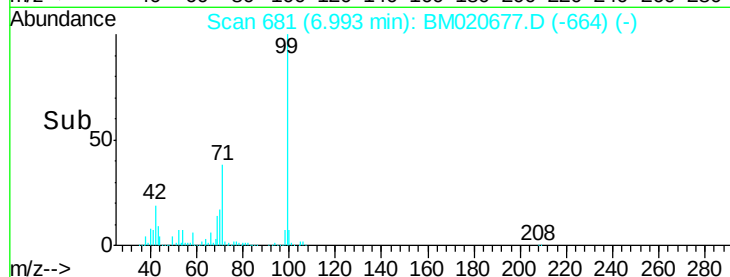
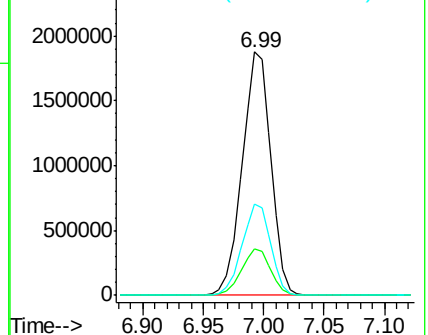
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Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)



#8

2-Chlorophenol

Concen: 38.634 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

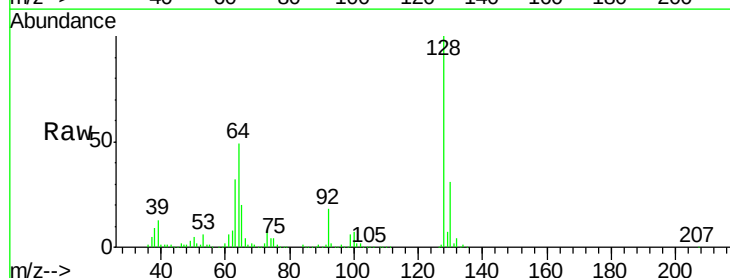
Tgt Ion: 128 Resp: 812563

Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

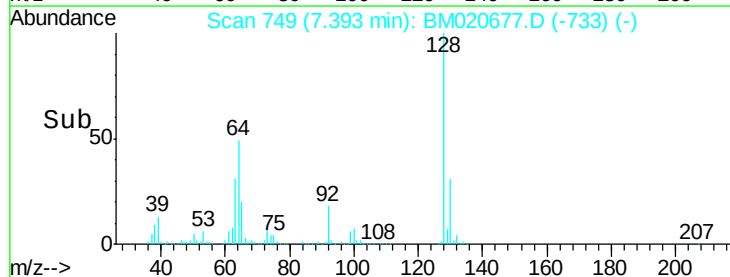
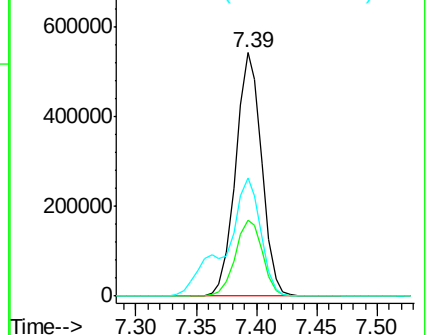
64 48.7 29.1 69.1

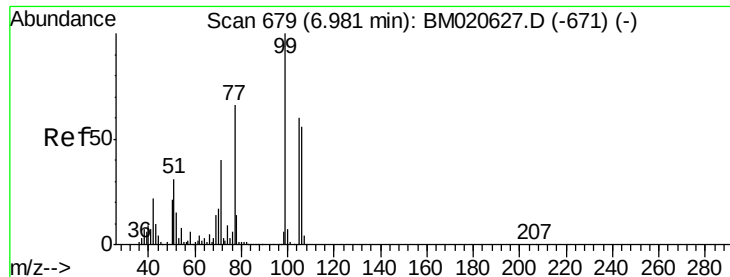


Abundance Ion 128.00 (127.70 to 128.70): BM020627.D (-742) (-)

Ion 130.00 (129.70 to 130.70): BM020627.D (-742) (-)

Ion 64.00 (63.70 to 64.70): BM020627.D (-742) (-)





#9

Benzaldehyde

Concen: 14.518 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

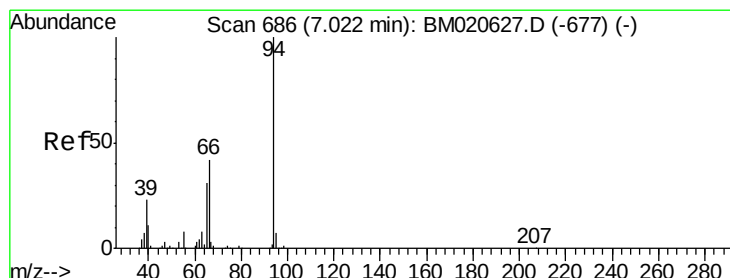
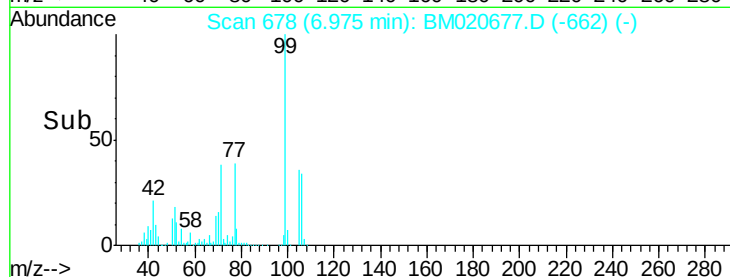
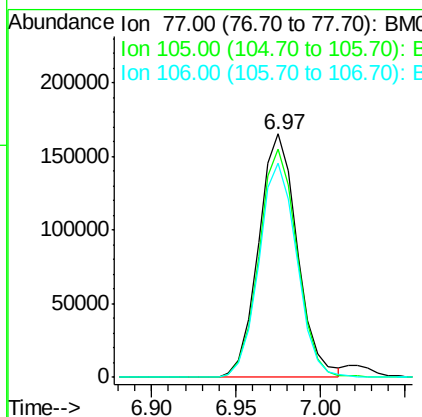
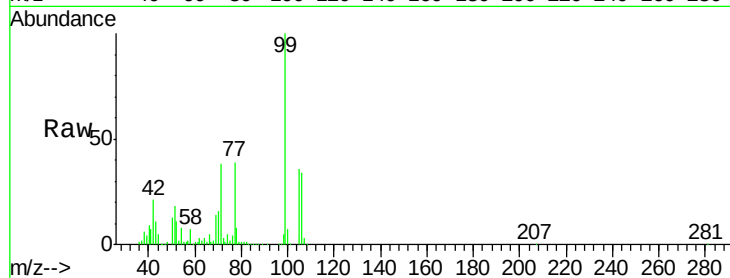
ClientSampleId :

PB120221BSD

Tot Ion:	77	Resp:	264137
Ion Ratio	Lower	Upper	
77	100		
105	93.7	70.6	110.6
106	87.9	64.9	104.9

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#10

Phenol

Concen: 36.949 ng

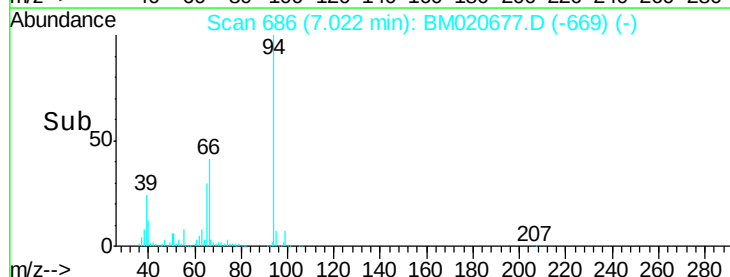
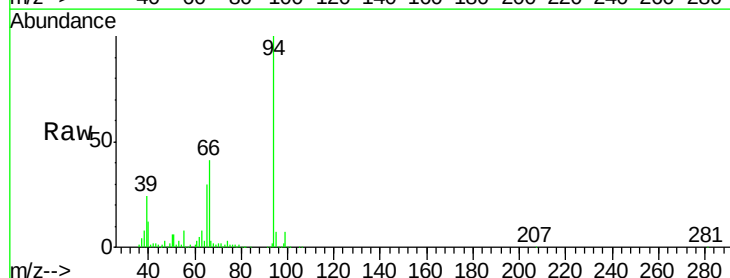
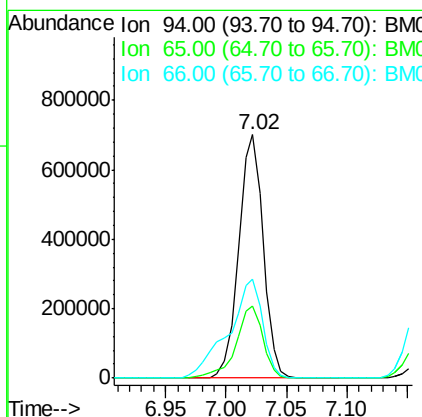
RT: 7.02 min Scan# 686

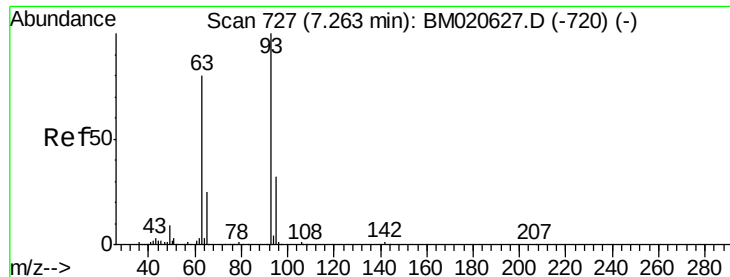
Delta R.T. 0.00 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tgt Ion:	94	Resp:	991236
Ion Ratio	Lower	Upper	
94	100		
65	29.8	10.7	50.7
66	40.8	22.3	62.3





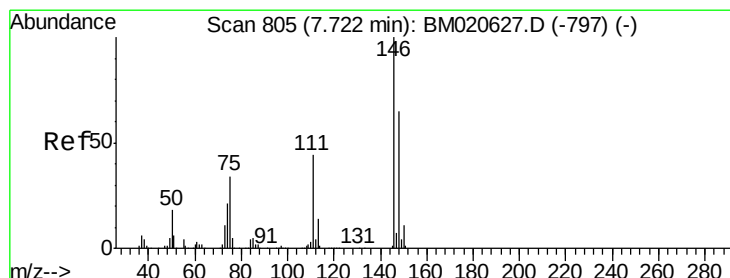
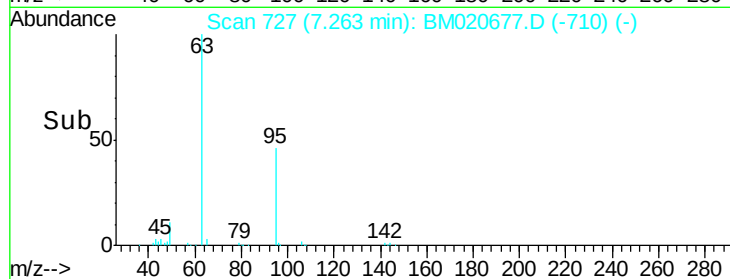
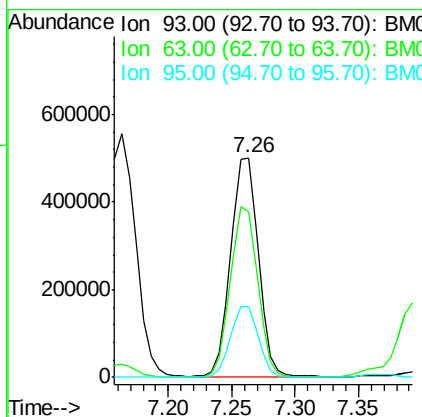
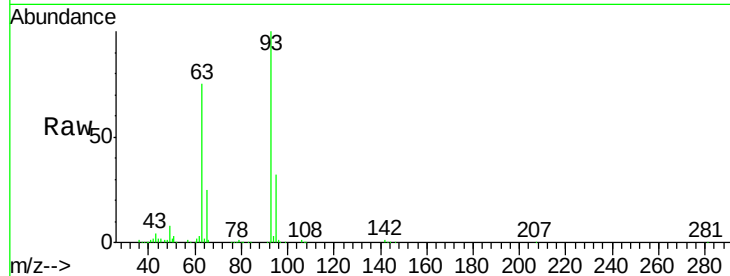
#11
bis(2-Chloroethyl)ether
Concen: 35.094 ng
RT: 7.26 min Scan# 727
Delta R.T. 0.00 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	750305		
63	75.2	60.0	100.0	
95	32.0	12.2	52.2	

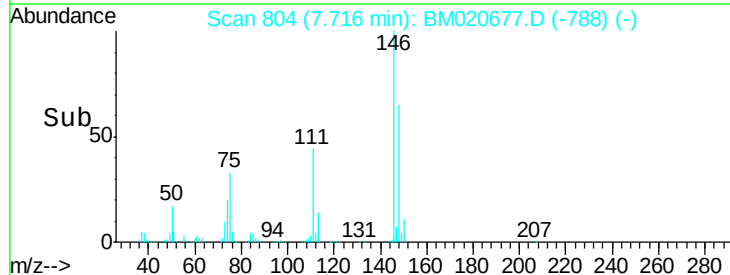
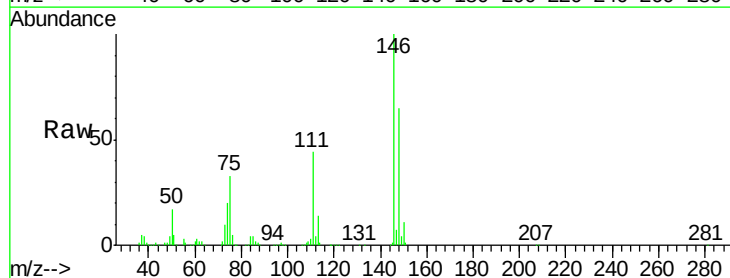
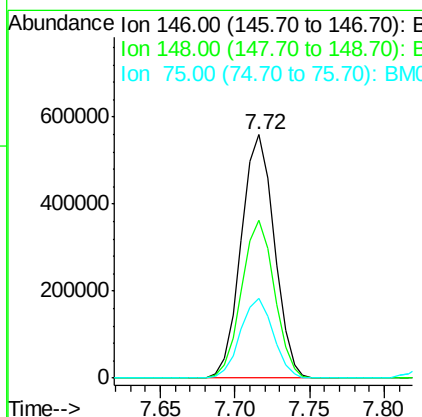
Manual Integrations
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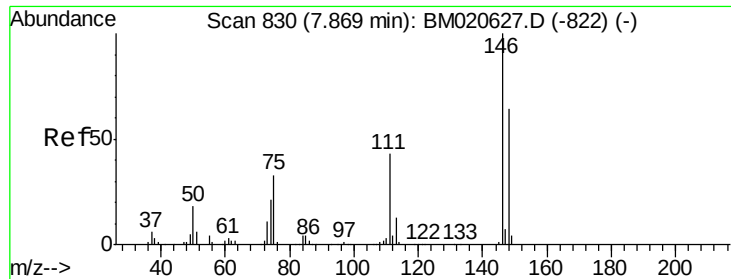
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#12
1,3-Dichlorobenzene
Concen: 35.691 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	862738		
148	64.9	52.0	78.0	
75	32.7	27.0	40.4	





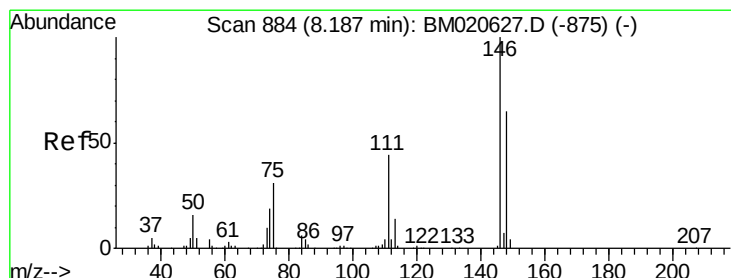
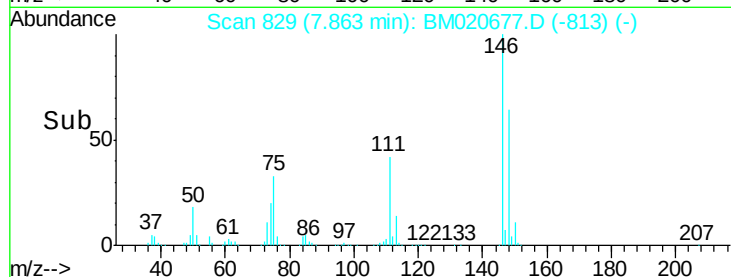
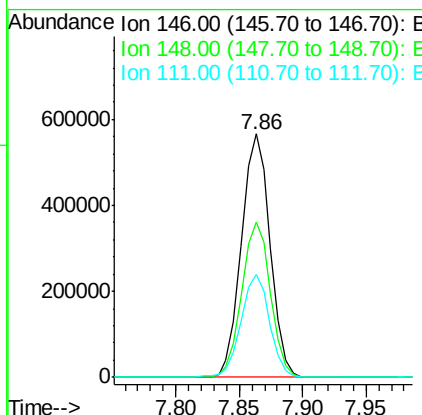
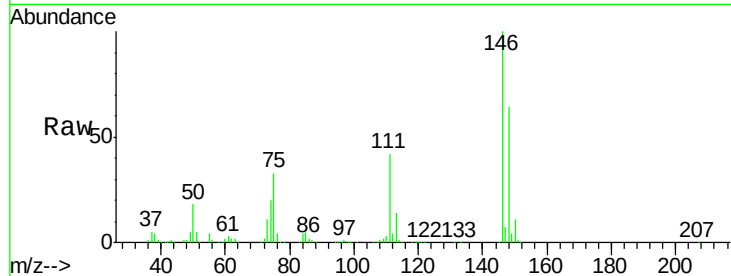
#13
 1,4-Dichlorobenzene
 Concen: 35.947 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	42.0	34.4	51.6

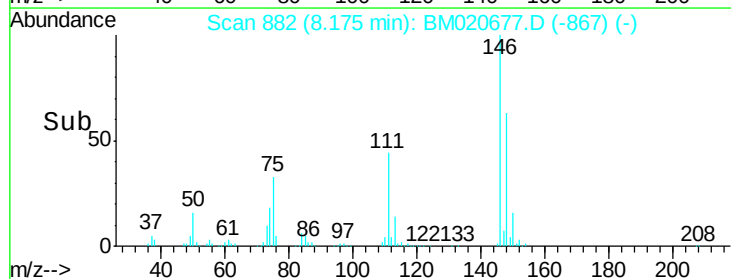
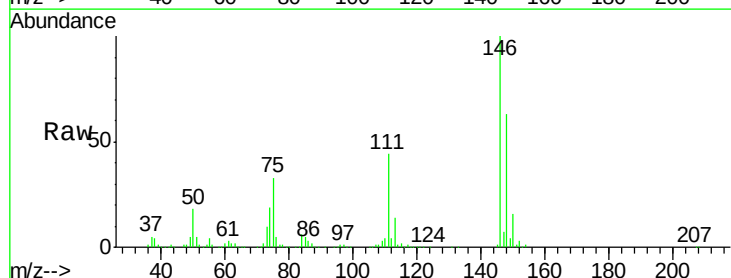
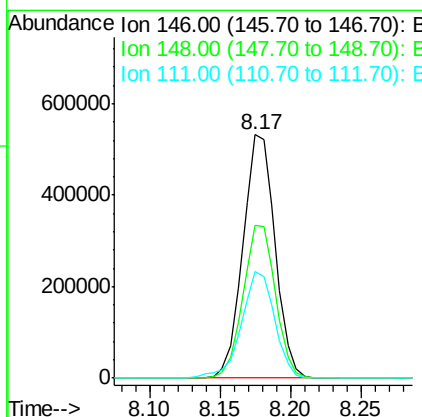
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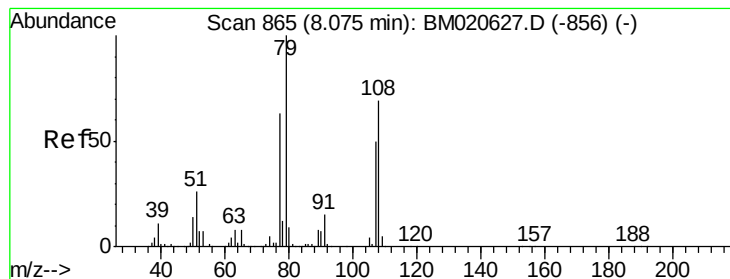
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 35.386 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
111	44.0	35.1	52.7





#15

Benzyl Alcohol

Concen: 32.934 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

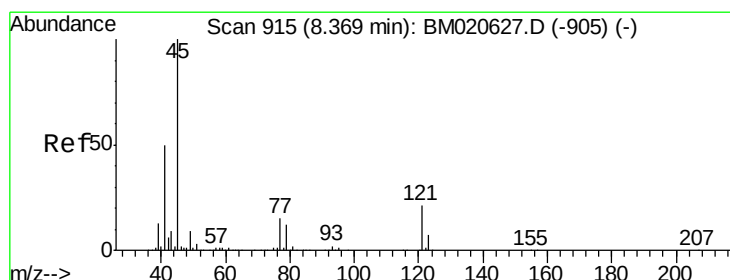
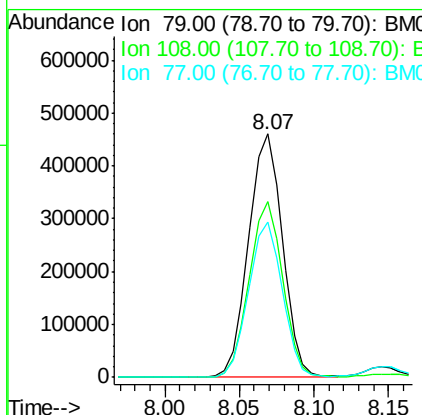
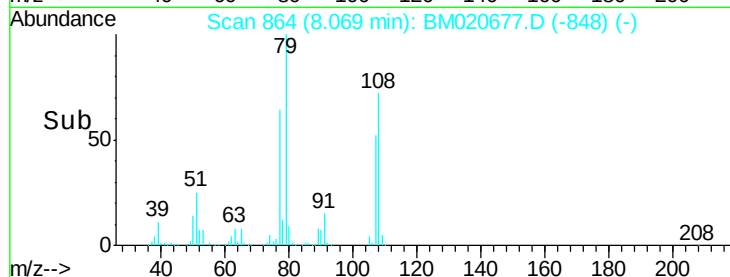
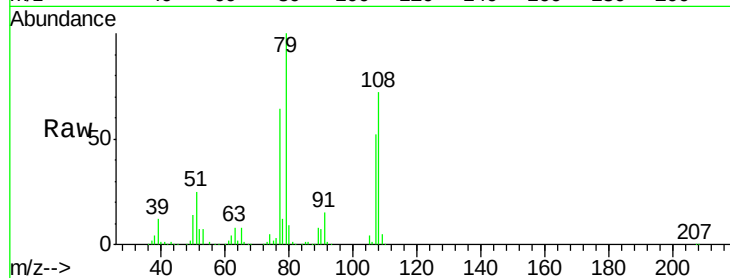
ClientSampleId :

PB120221BSD

Tot Ion:	79	Resp:	725299
Ion Ratio	Lower	Upper	
79	100		
108	72.3	54.9	82.3
77	63.8	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.145 ng

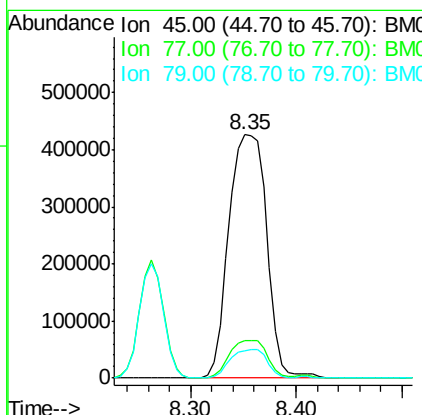
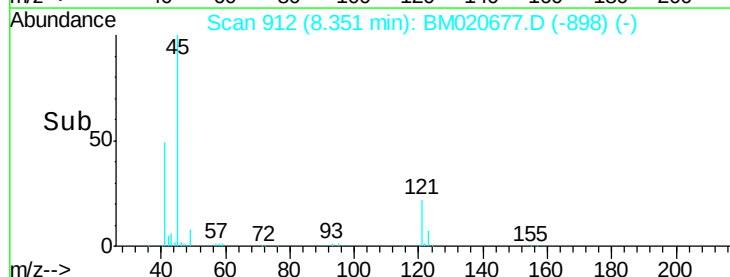
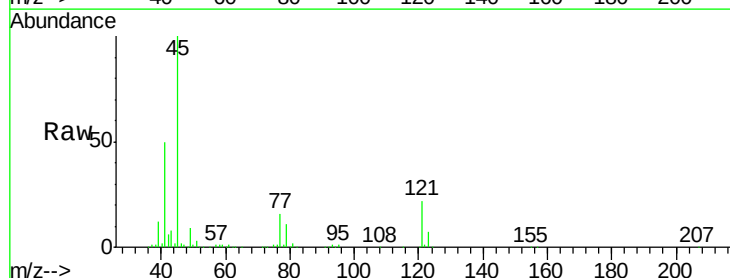
RT: 8.35 min Scan# 912

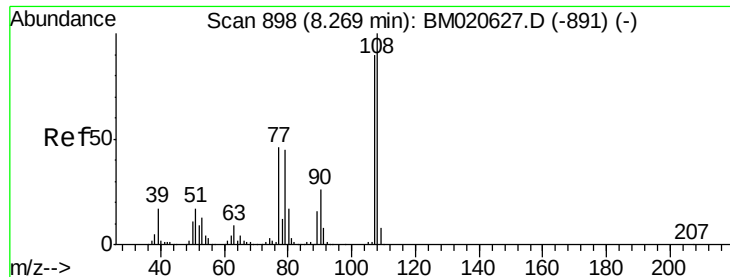
Delta R.T. -0.02 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tgt Ion:	45	Resp:	1061052
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	34.9
79	11.4	0.0	31.8





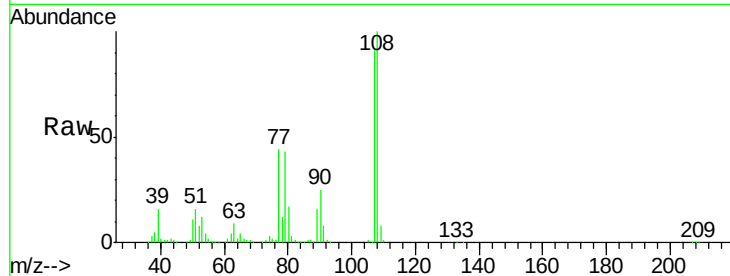
#17
2-Methylphenol
Concen: 35.024 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	660708		
108	110.0		88.6	133.0
77	48.9		40.6	61.0
79	47.5		39.9	59.9

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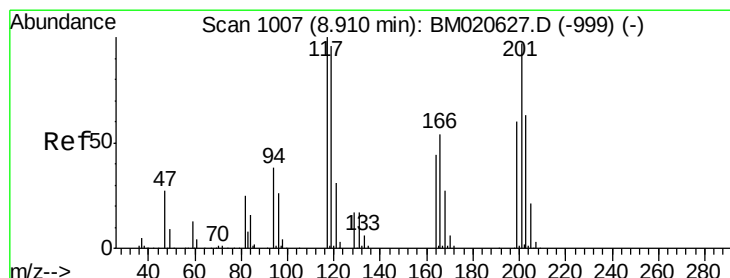
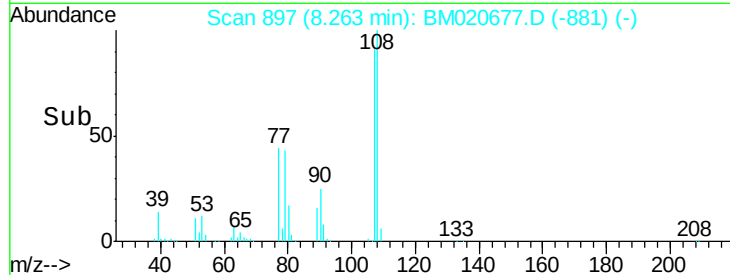
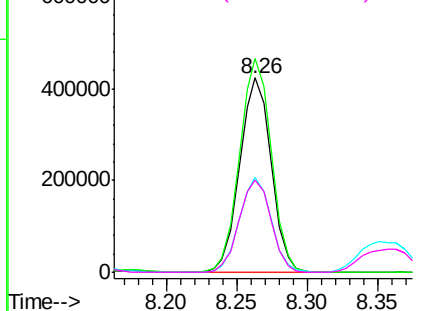
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 34.500 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

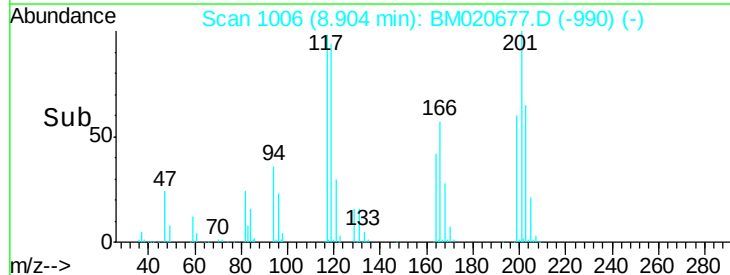
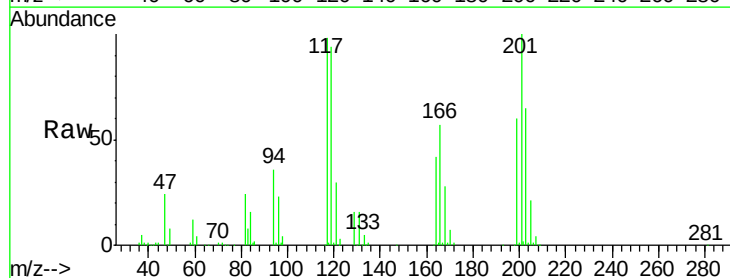
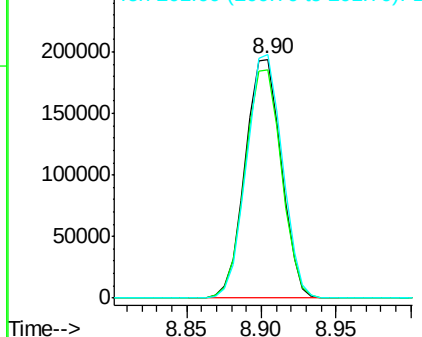
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	324592		
119	95.9		76.7	115.1
201	102.0		77.9	116.9

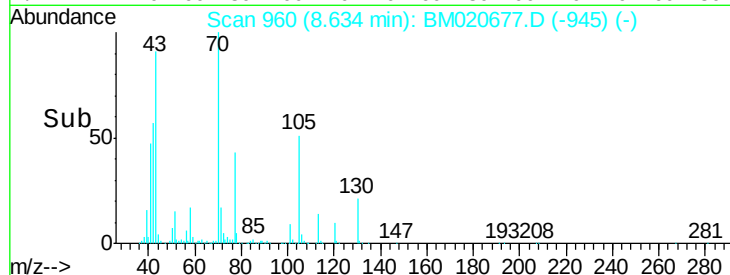
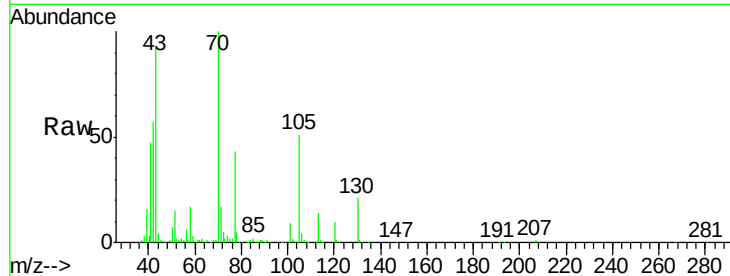
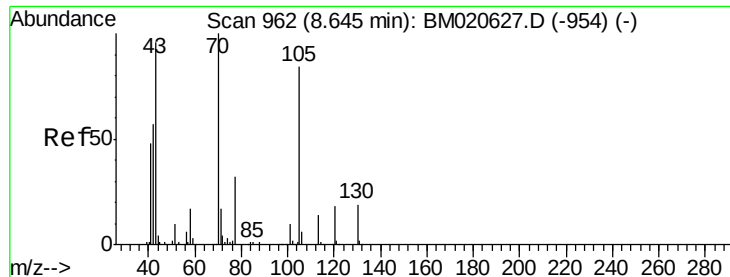
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

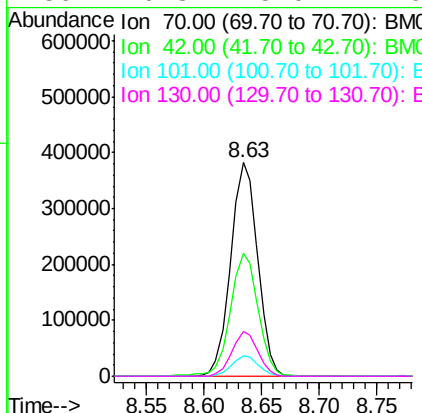
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 30.812 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

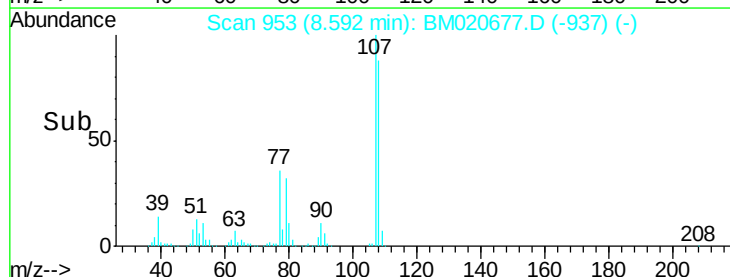
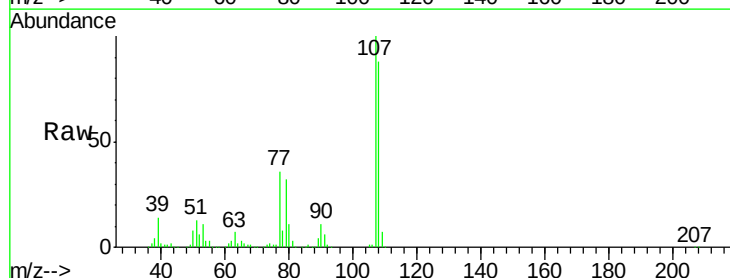
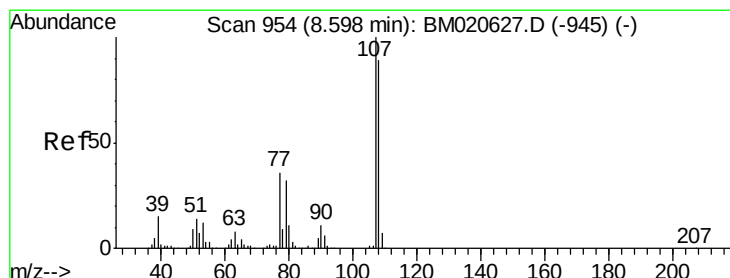
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.4	46.8	70.2
101	9.4	7.8	11.6
130	20.8	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
PB120221BSD

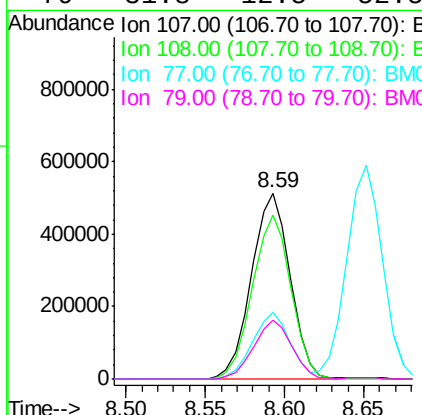
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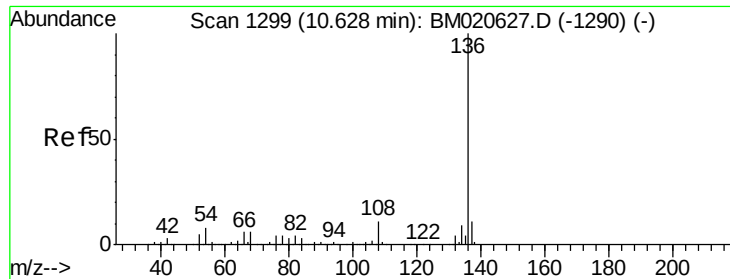
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#20
3+4-Methylphenols
Concen: 33.915 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.2	109.2
77	35.6	16.2	56.2
79	31.8	12.5	52.5





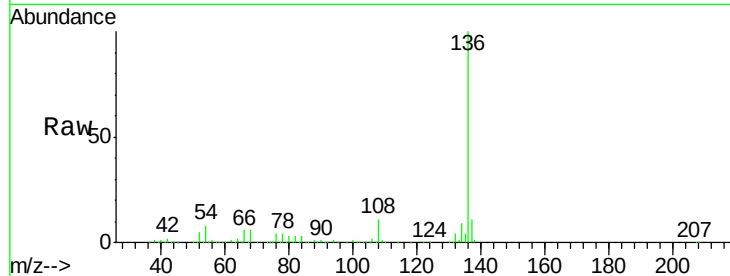
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.0	6.6	10.0
68	6.2	5.1	7.7

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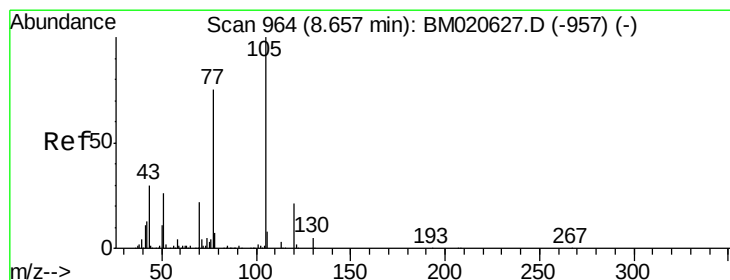
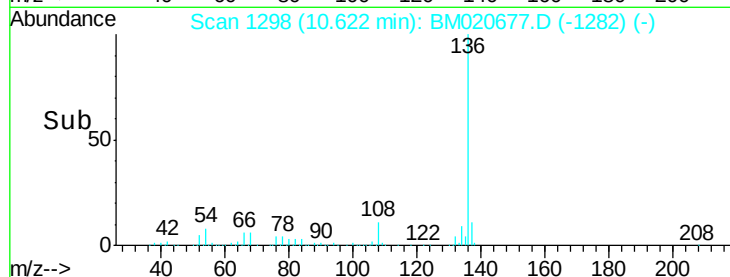
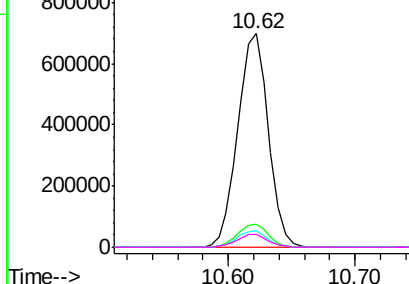
Abundance

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): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 38.797 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.2	4.8#
51	26.9	22.8	34.2
120	22.2	17.0	25.4

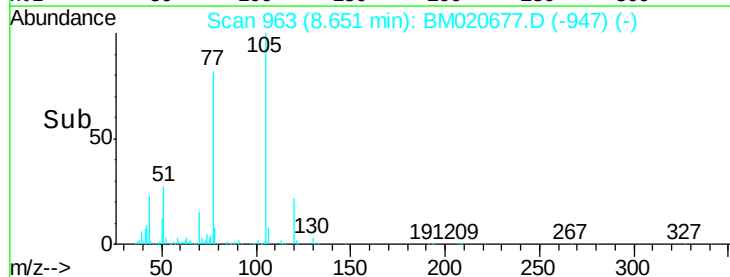
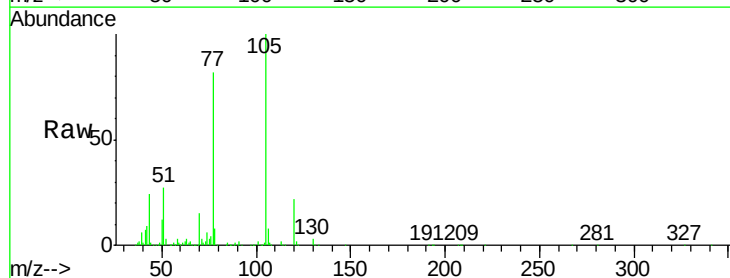
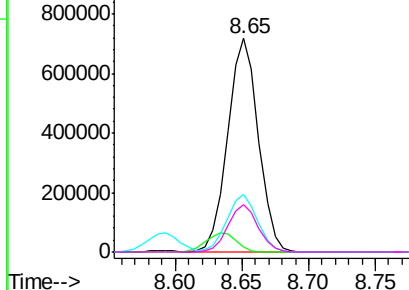
Abundance

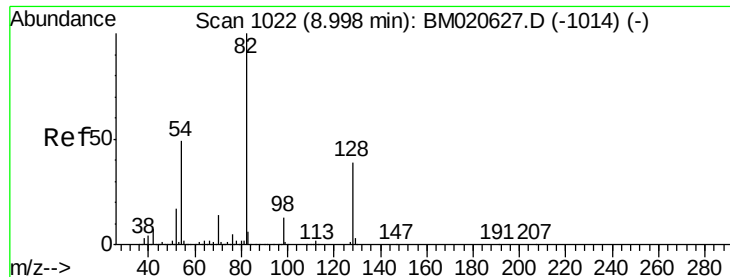
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





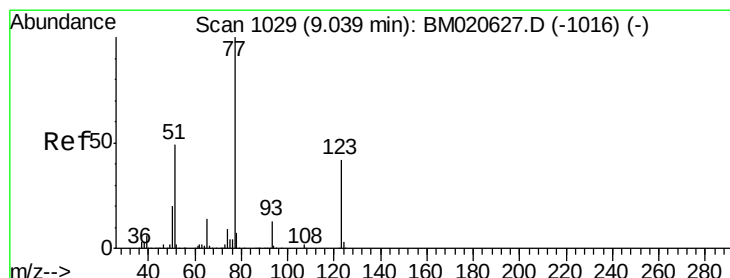
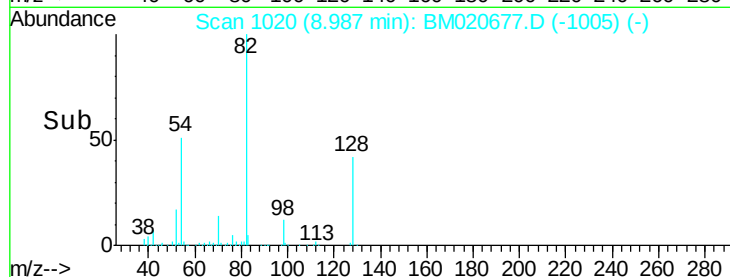
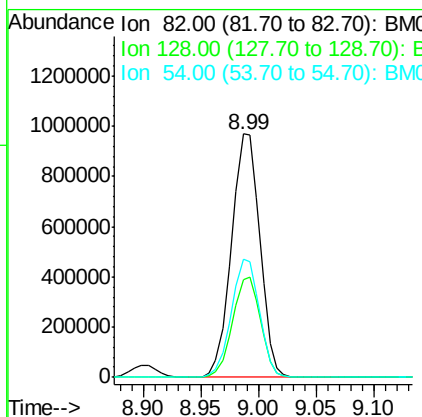
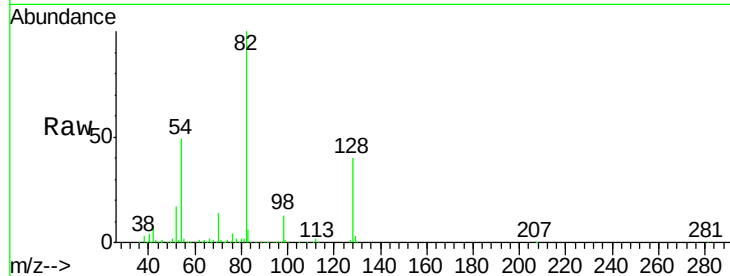
#23
Nitrobenzene-d5
Concen: 73.676 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.5	47.3
54	48.5	39.4	59.0

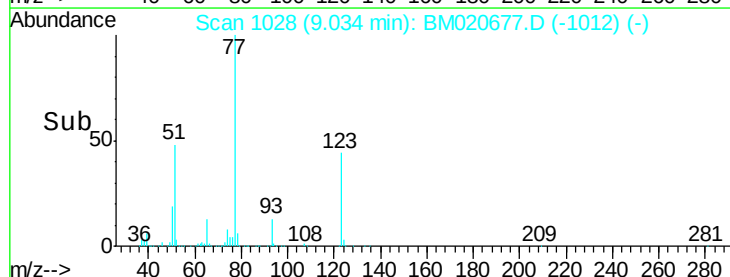
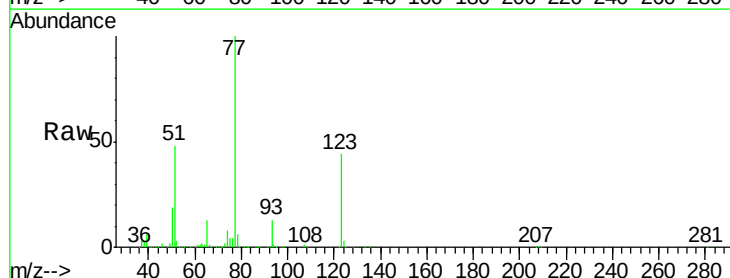
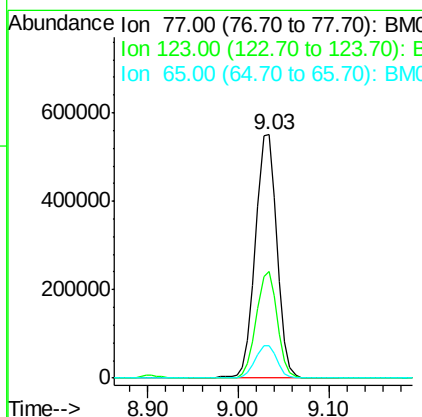
Manual Integrations
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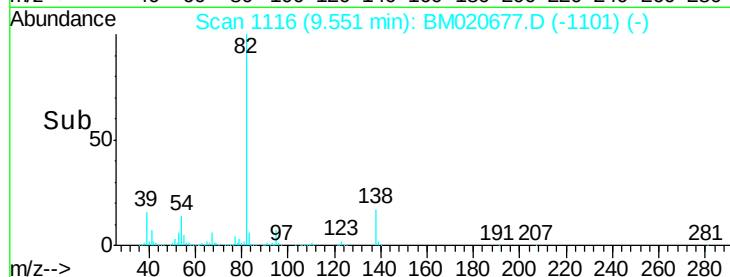
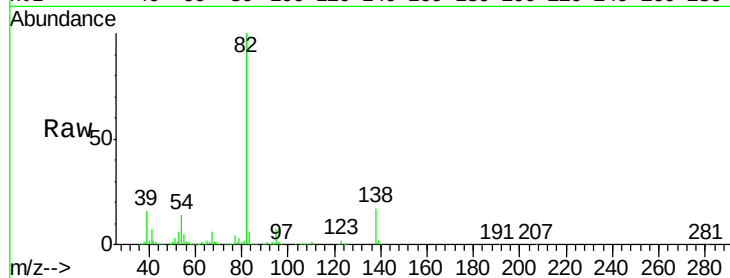
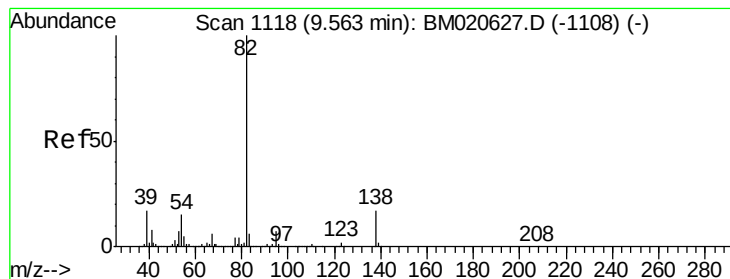
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#24
Nitrobenzene
Concen: 39.515 ng
RT: 9.03 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.7	50.5
65	13.2	11.0	16.6





#25

Isophorone

Concen: 35.759 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tot Ion: 82 Resp: 1596945

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

138 16.8 13.8 20.8

Instrument :

BNA_M

ClientSampleId :

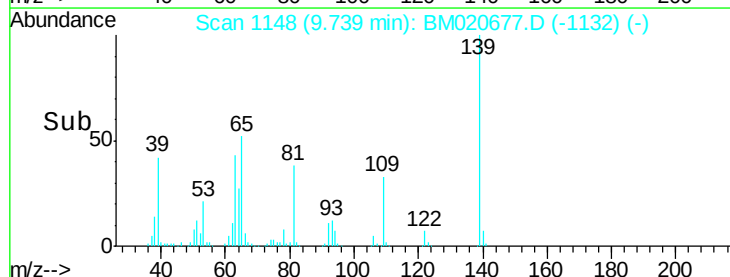
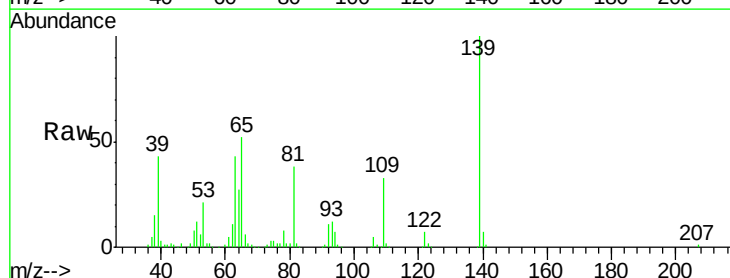
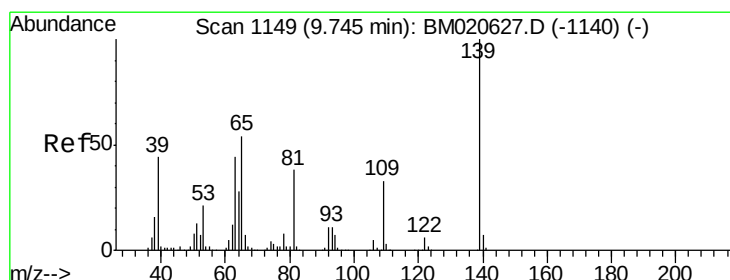
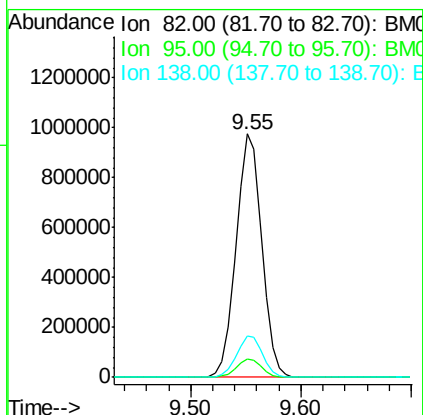
PB120221BSD

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#26

2-Nitrophenol

Concen: 43.346 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

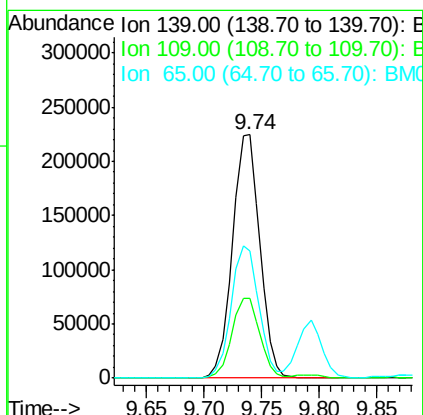
Tgt Ion: 139 Resp: 370256

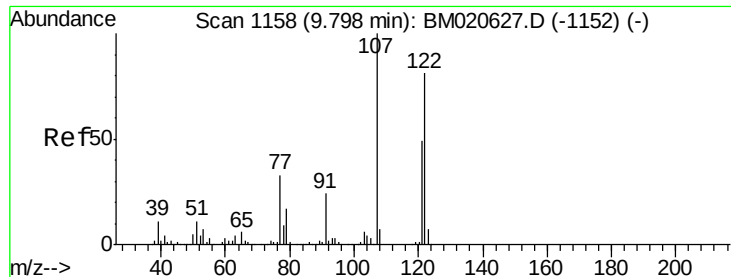
Ion Ratio Lower Upper

139 100

109 32.8 26.1 39.1

65 52.1 43.4 65.0





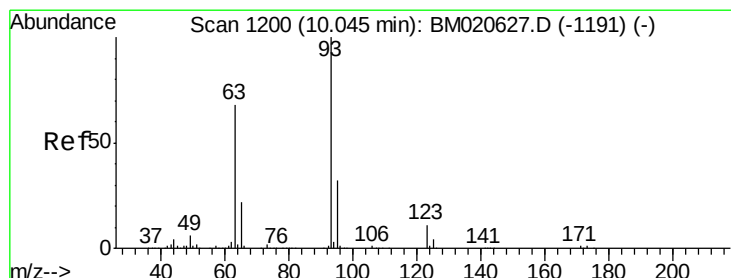
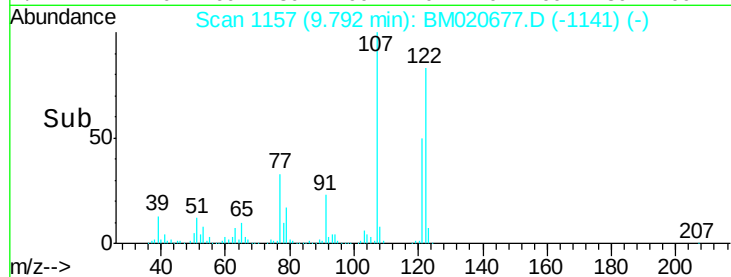
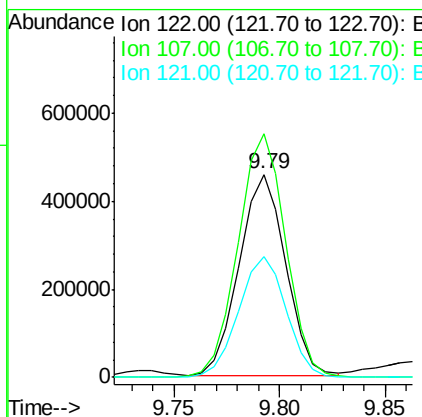
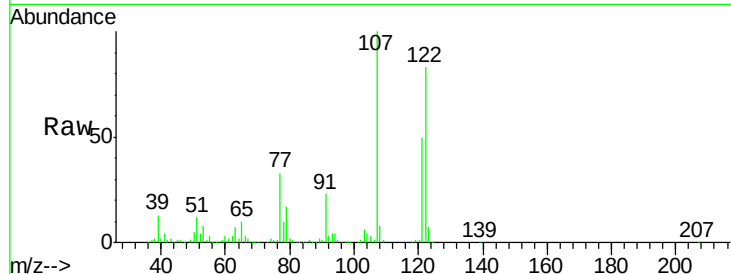
#27
 2,4-Dimethylphenol
 Concen: 43.620 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	698181		
107	120.0	98.0	147.0	
121	59.8	48.2	72.4	

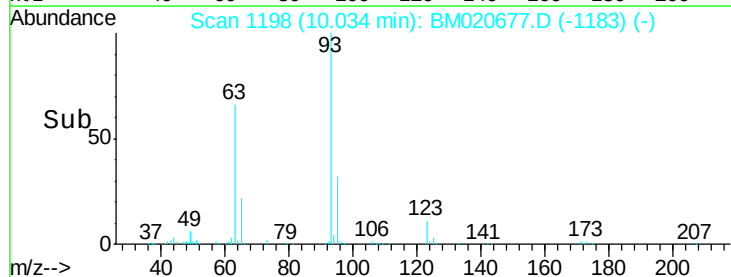
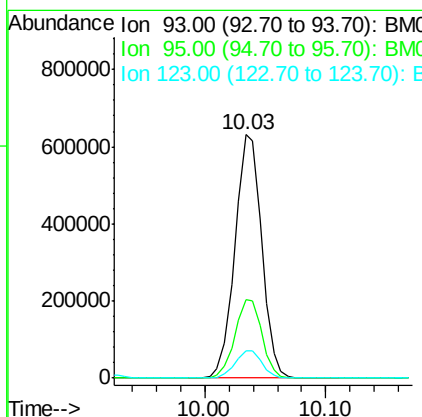
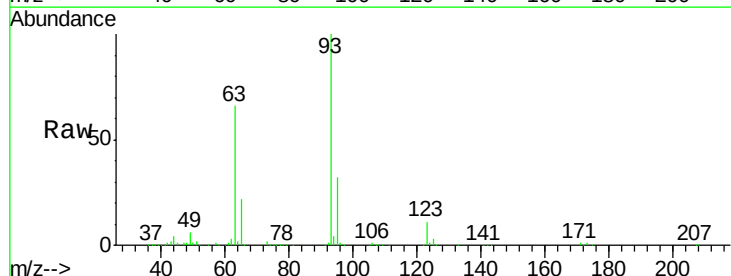
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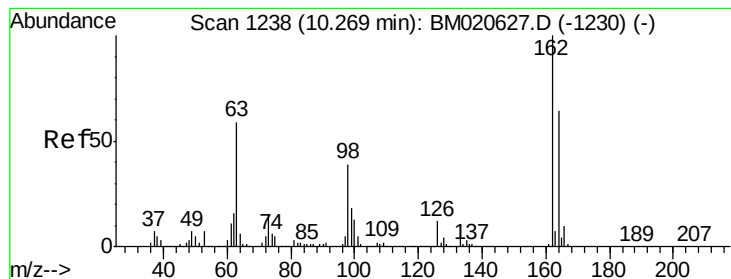
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.335 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	981118		
95	32.3	25.8	38.6	
123	11.2	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 39.938 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

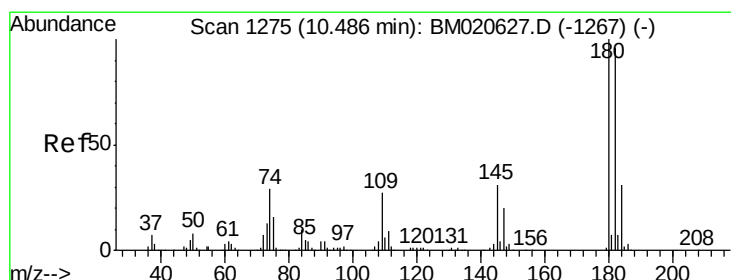
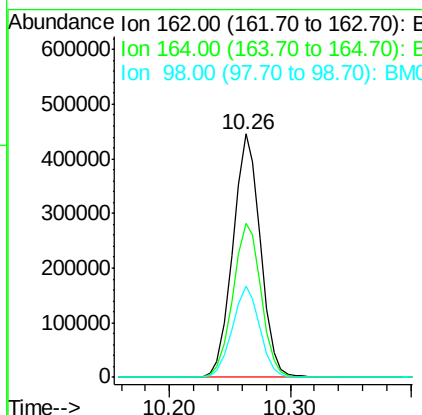
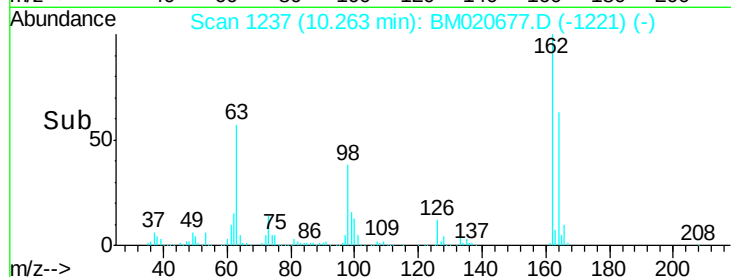
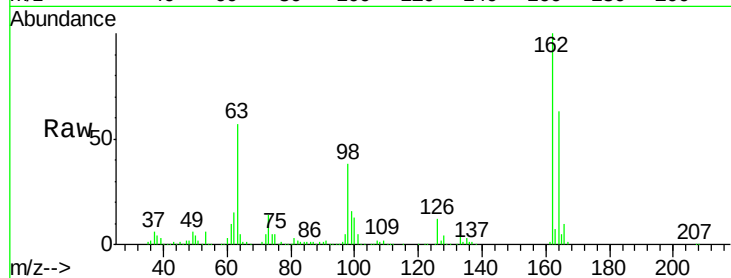
ClientSampleId :

PB120221BSD

Tot Ion:	162	Resp:	707256
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.8	83.8
98	37.7	19.1	59.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.735 ng

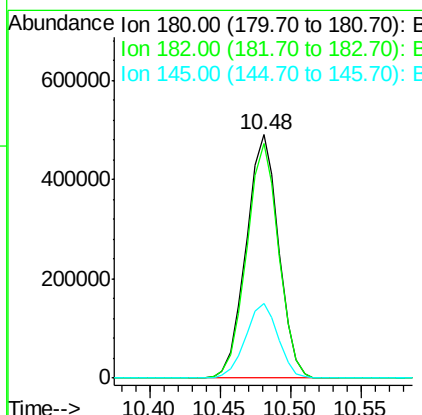
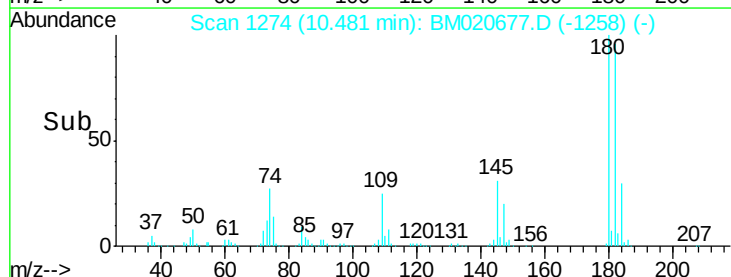
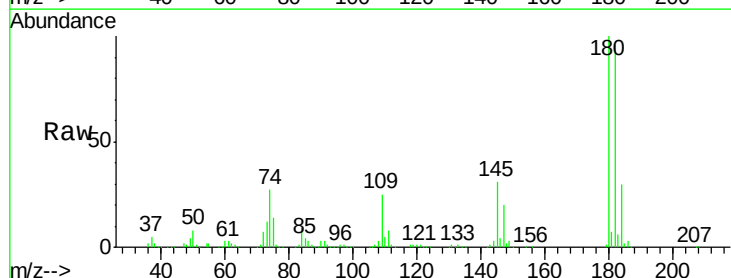
RT: 10.48 min Scan# 1274

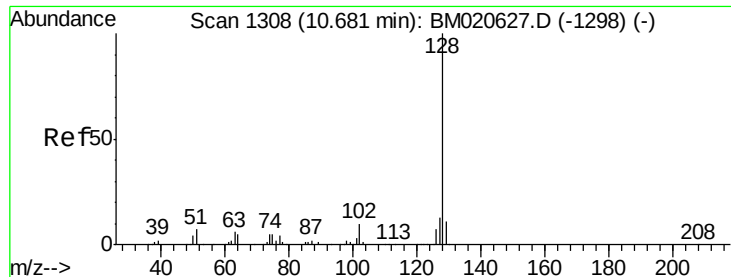
Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tgt Ion:	180	Resp:	788737
Ion Ratio	Lower	Upper	
180	100		
182	96.2	77.0	115.6
145	30.8	25.0	37.4





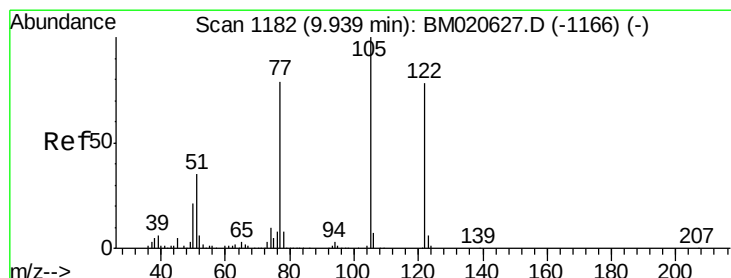
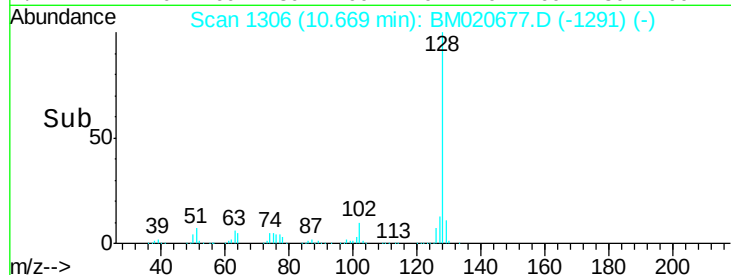
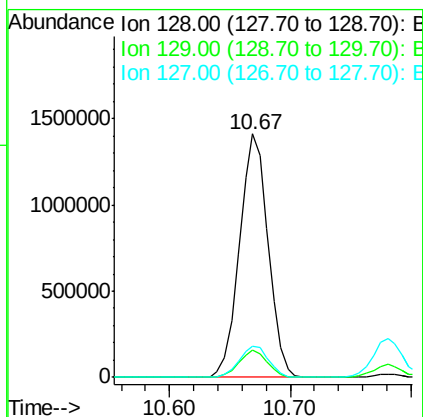
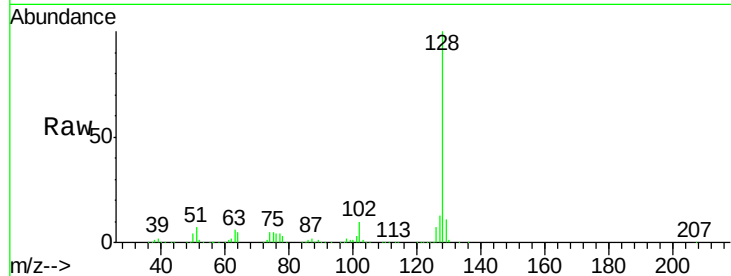
#31
Naphthalene
Concen: 38.971 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.3	15.5

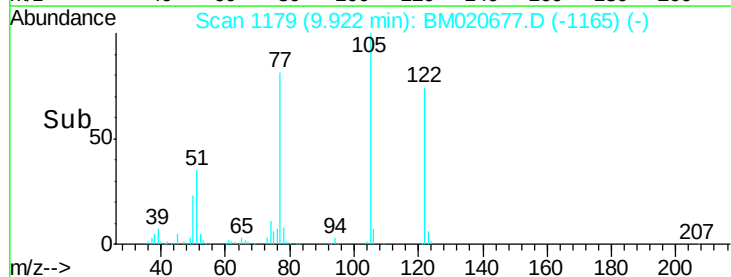
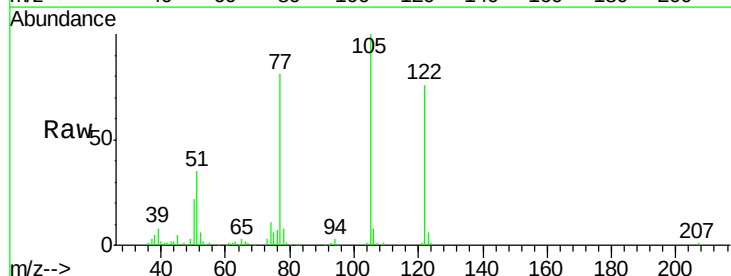
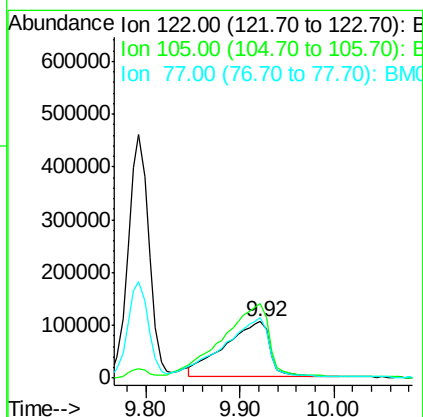
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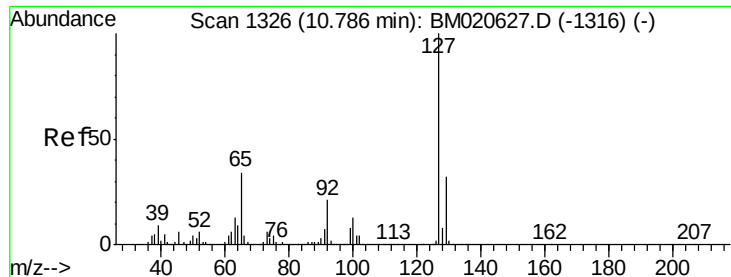
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#32
Benzoic acid
Concen: 36.235 ng
RT: 9.92 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.6	107.0	147.0
77	107.0	80.9	120.9





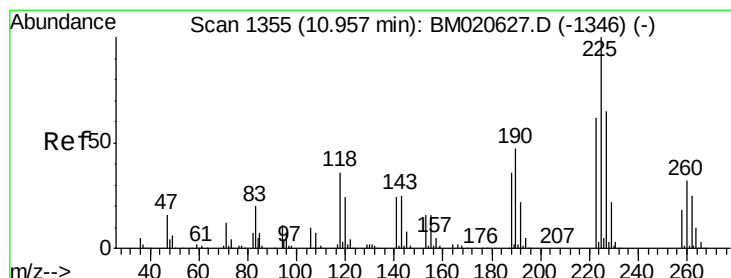
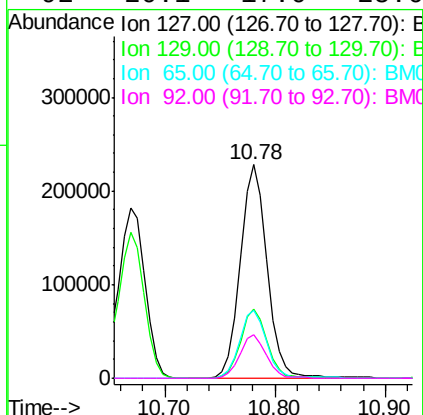
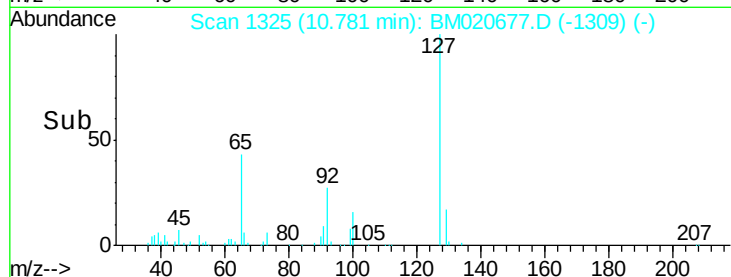
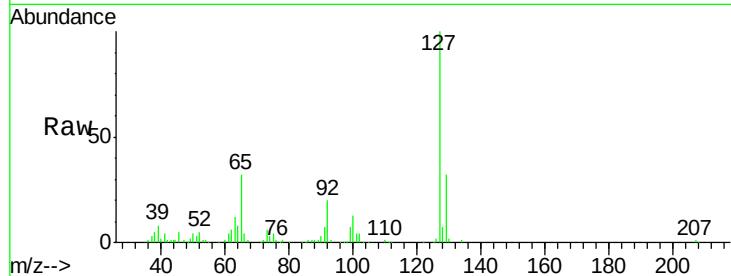
#33
4-Chloroaniline
Concen: 13.948 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.7	38.5	
65	31.6	27.4	41.0	
92	20.1	17.0	25.6	

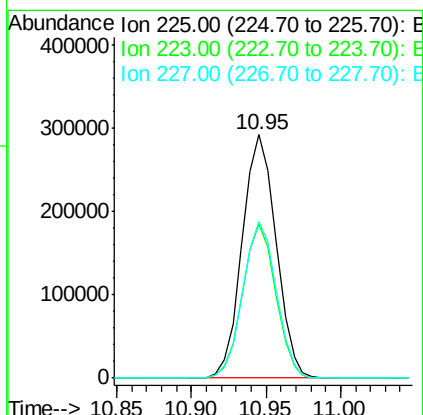
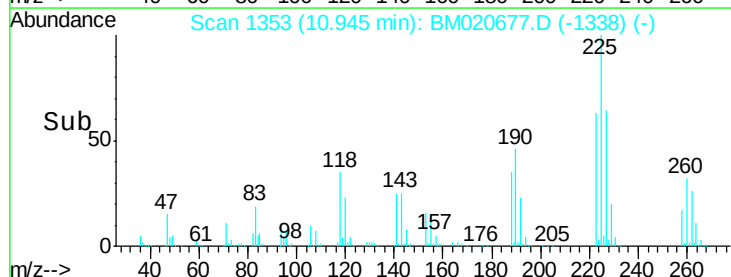
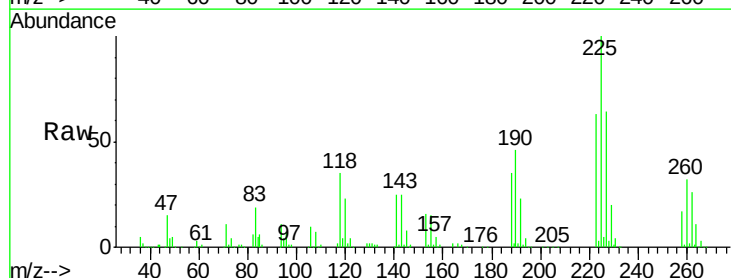
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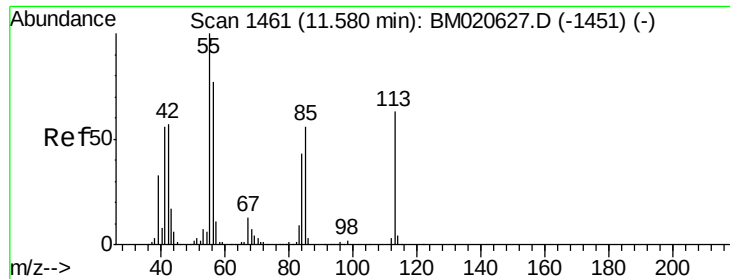
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#34
Hexachlorobutadiene
Concen: 37.572 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.7	74.5	
227	64.5	51.8	77.8	





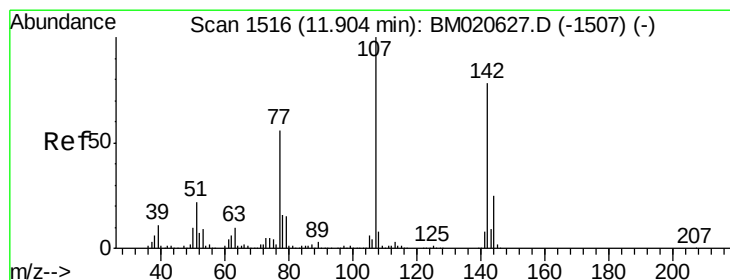
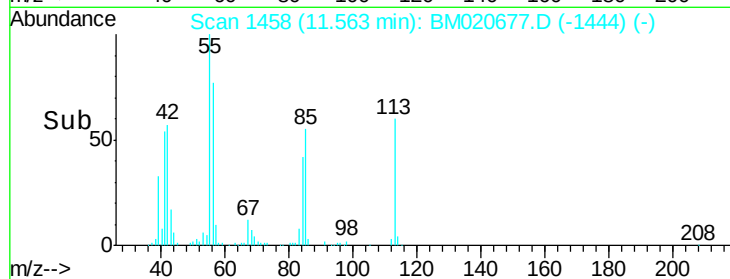
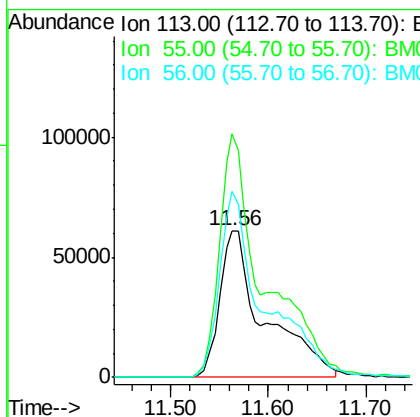
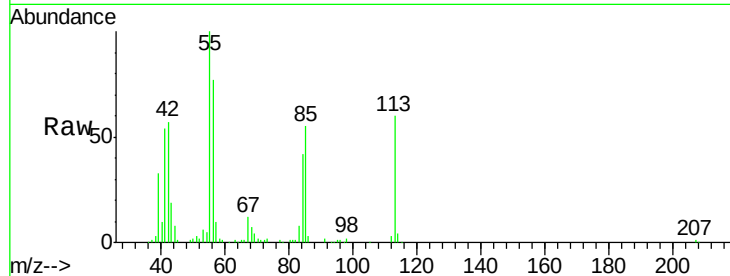
#35
 Caprolactam
 Concen: 31.633 ng/ml
 RT: 11.56 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.0	138.6	178.6
56	127.1	102.3	142.3

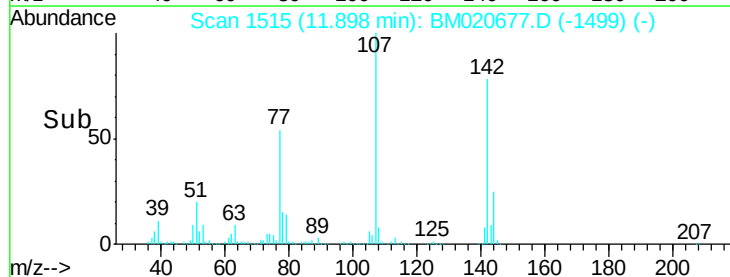
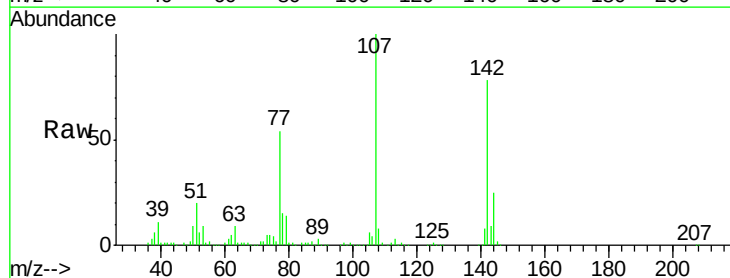
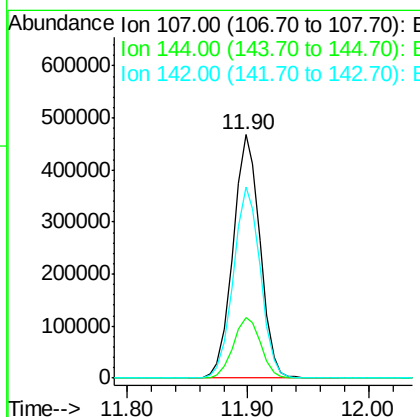
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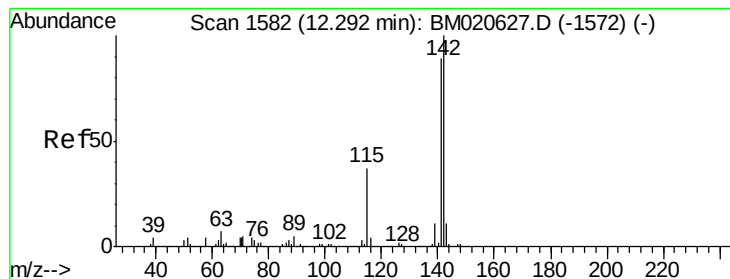
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#36
 4-Chloro-3-methylphenol
 Concen: 35.385 ng/ml
 RT: 11.90 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.3	30.5
142	78.4	62.6	93.8





#37

2-Methylnaphthalene

Concen: 37.605 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion:142 Resp: 1667318

Ion Ratio Lower Upper

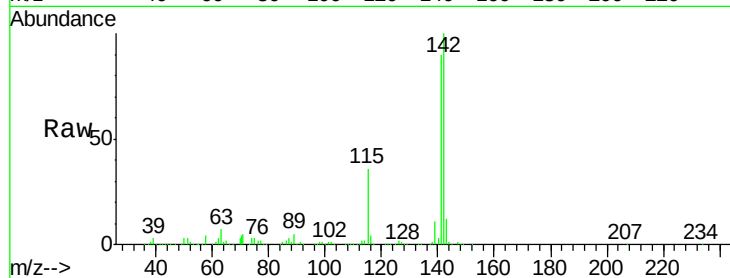
142 100

141 89.7 71.6 107.4

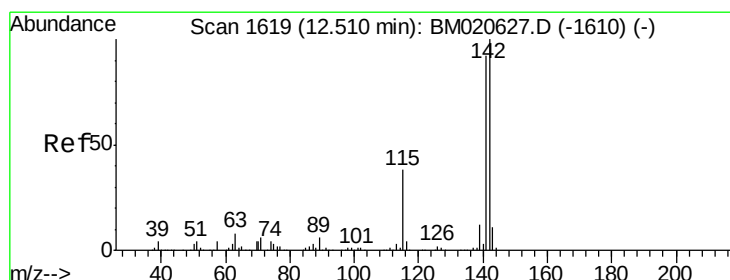
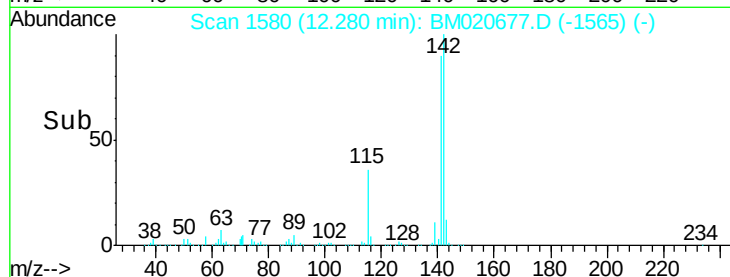
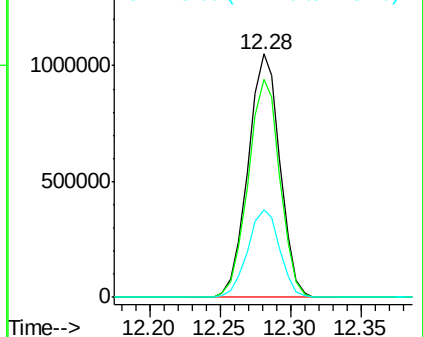
115 35.9 29.6 44.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.283 ng

RT: 12.50 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

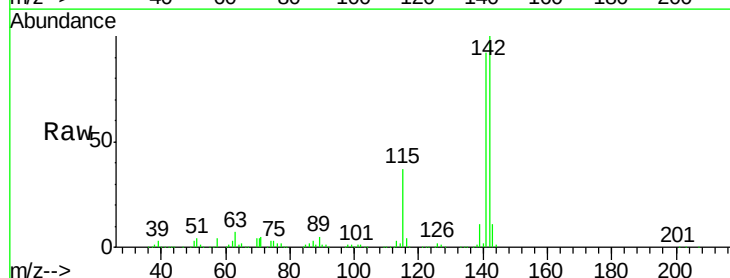
Tgt Ion:142 Resp: 1573995

Ion Ratio Lower Upper

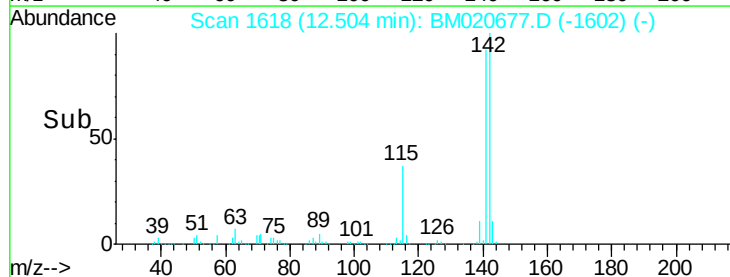
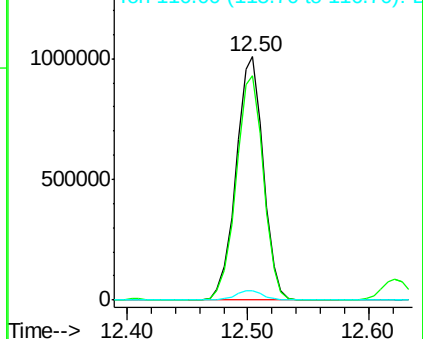
142 100

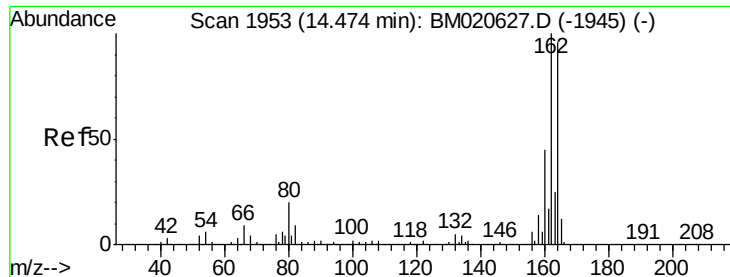
141 92.4 73.9 110.9

116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

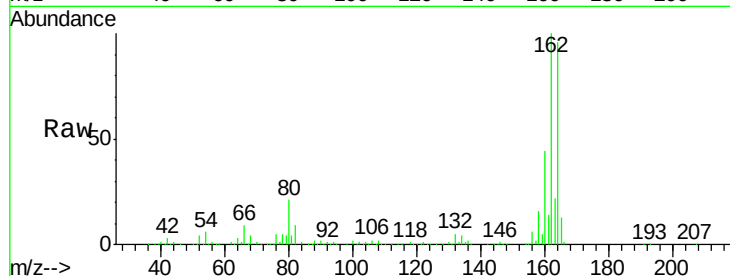
ClientSampleId :

PB120221BSD

Tot Ion:	164	Resp:	595552
Ion Ratio	Lower	Upper	
164	100		
162	103.8	83.2	124.8
160	45.9	37.5	56.3

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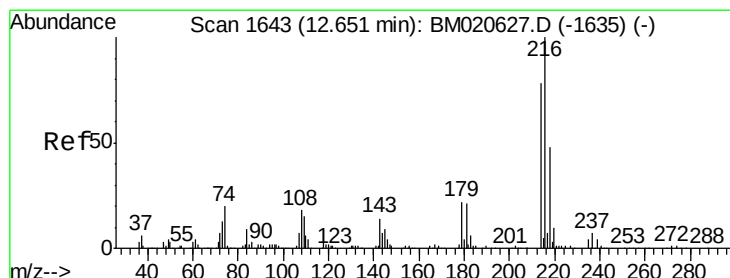
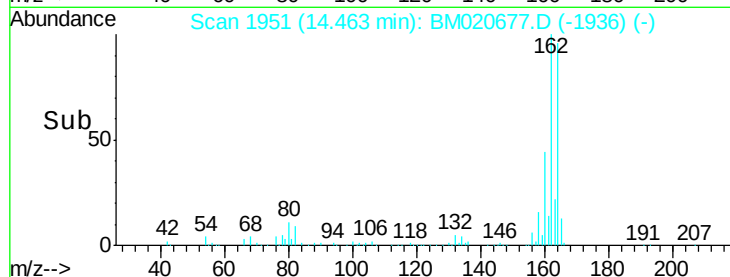
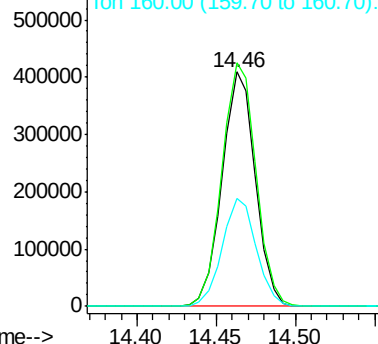


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.636 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tgt Ion:	216	Resp:	832129
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	21.9	17.9	26.9
108	21.5	16.2	24.2

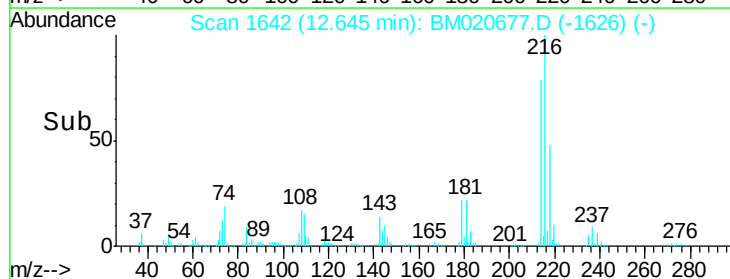
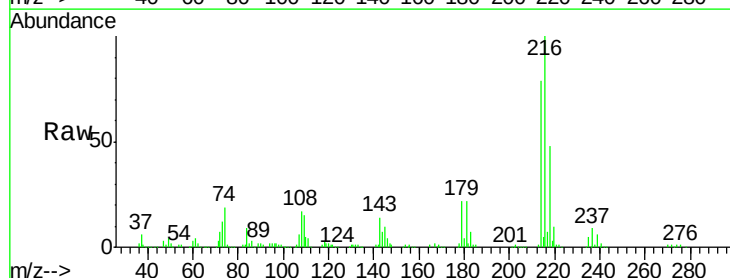
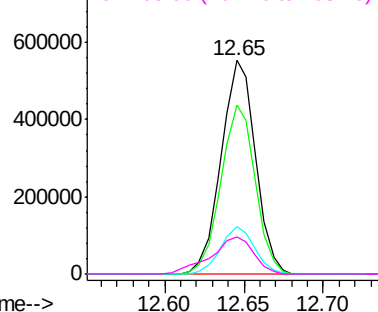
Abundance

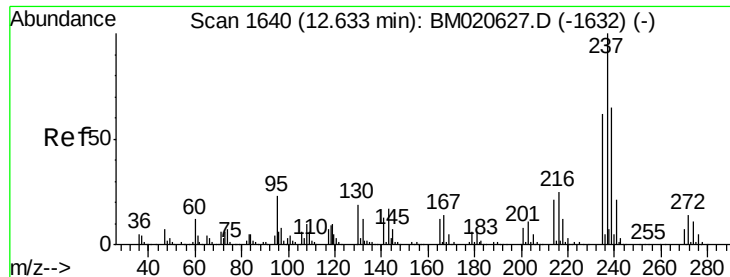
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.686 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

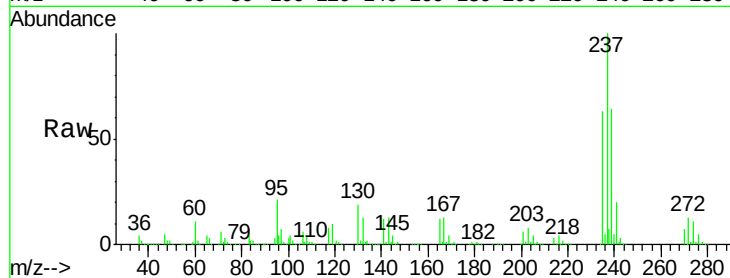
ClientSampleId :

PB120221BSD

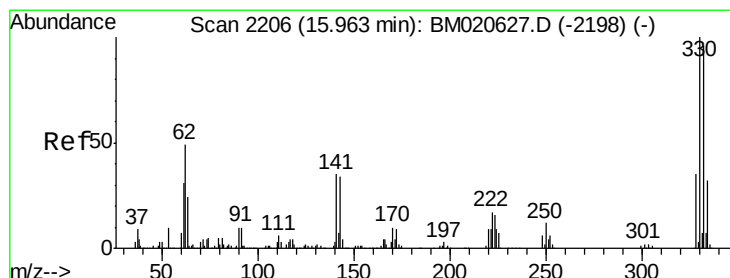
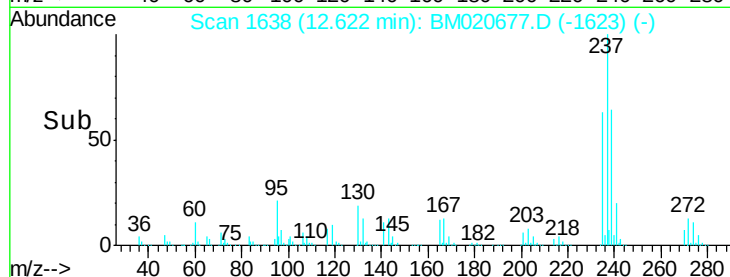
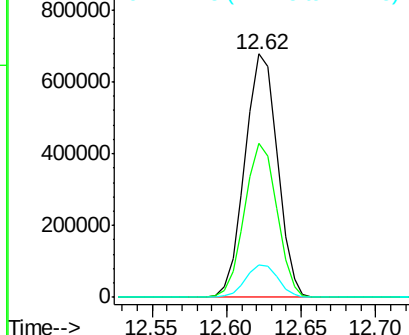
Tot Ion:	237	Resp:	1023507
Ion Ratio		Lower	Upper
237	100		
235	63.4	42.1	82.1
272	13.4	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 133.220 ng

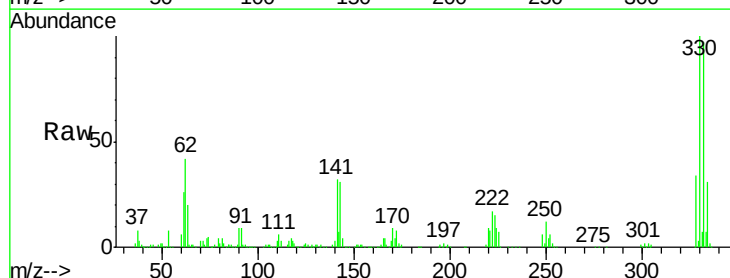
RT: 15.96 min Scan# 2205

Delta R.T. -0.01 min

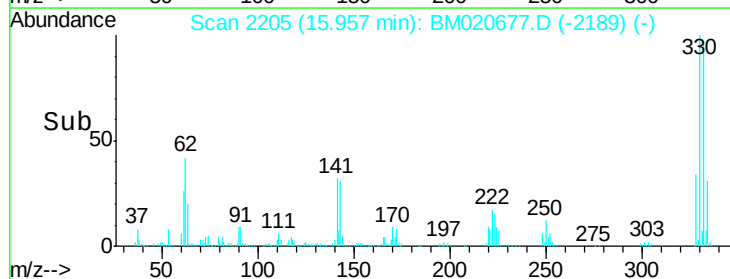
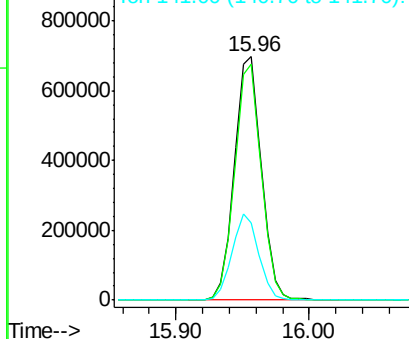
Lab File: BM020677.D

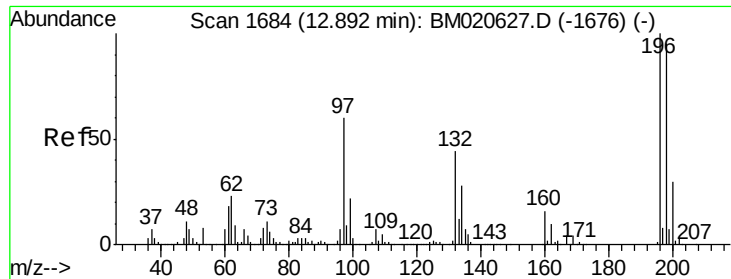
Acq: 03 Jun 2019 18:53

Tgt Ion:	330	Resp:	983011
Ion Ratio		Lower	Upper
330	100		
332	96.0	77.4	116.0
141	35.3	30.4	45.6



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





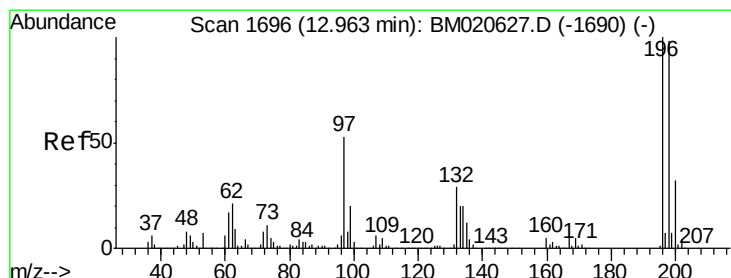
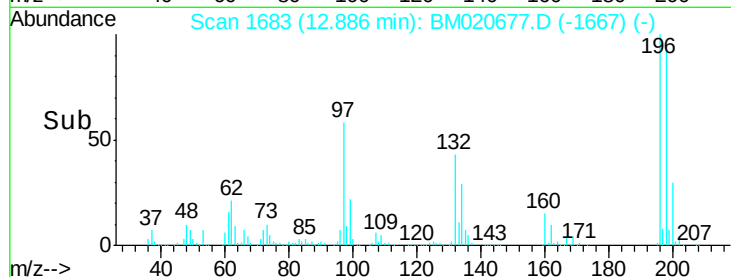
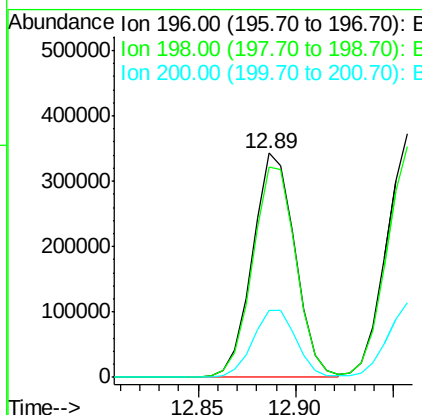
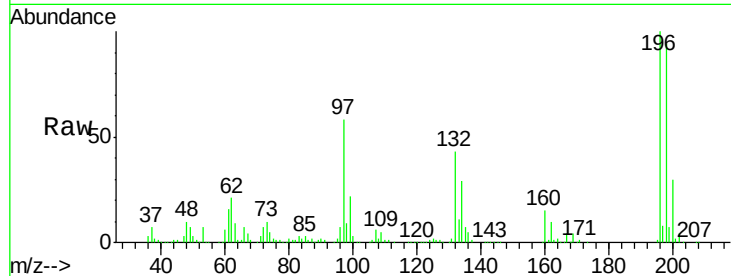
#43
 2,4,6-Trichlorophenol
 Concen: 41.080 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	516076		
198	93.9	75.7	113.5	
200	29.9	23.9	35.9	

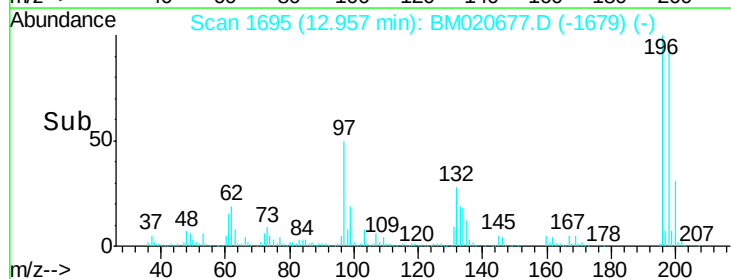
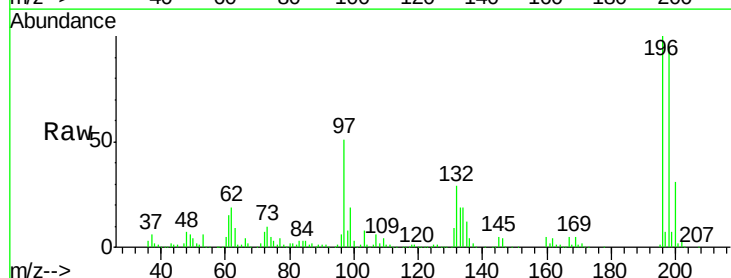
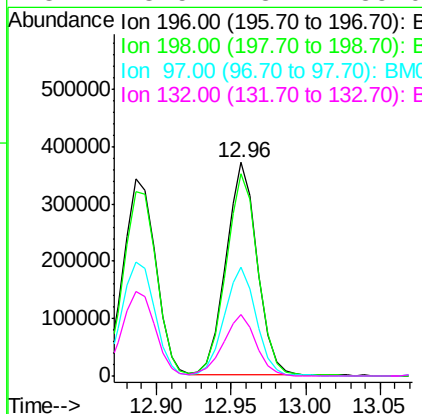
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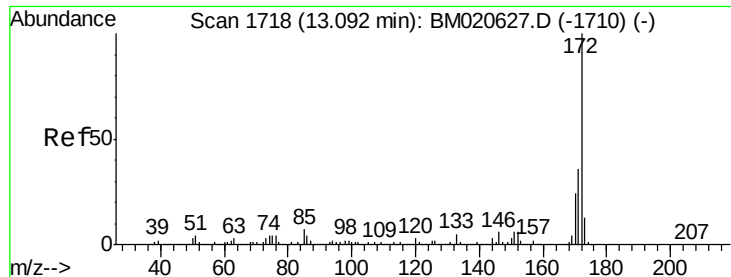
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.153 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	546699		
198	94.8	78.6	117.8	
97	50.8	42.7	64.1	
132	28.5	23.4	35.0	





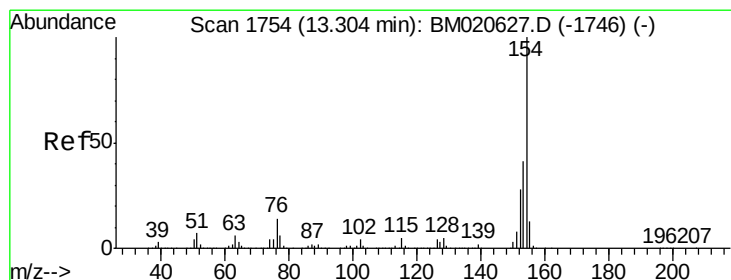
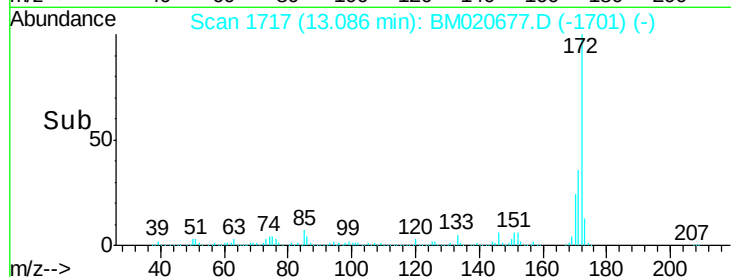
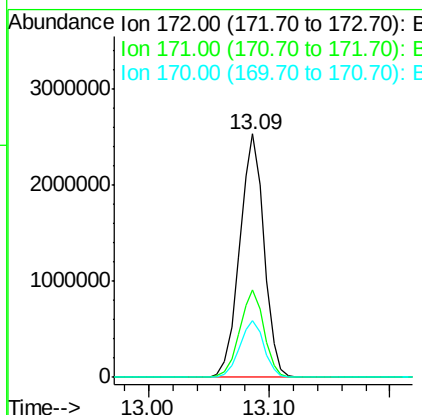
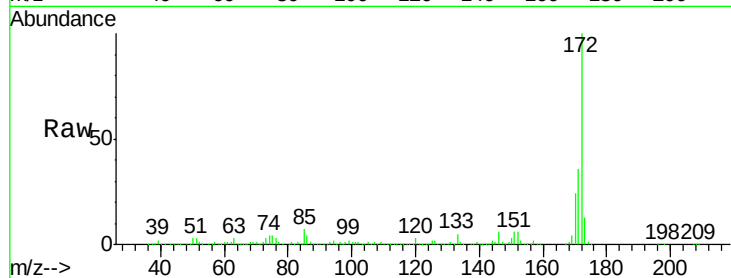
#45
2-Fluorobiphenyl
Concen: 79.055 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.6	18.9	28.3

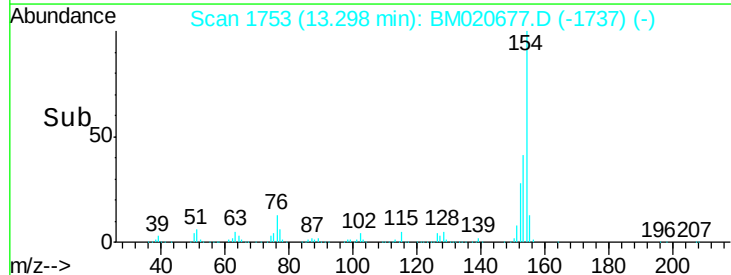
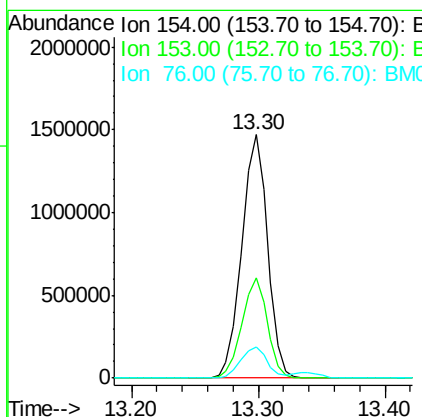
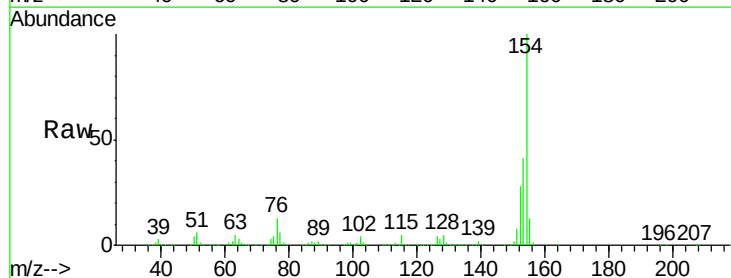
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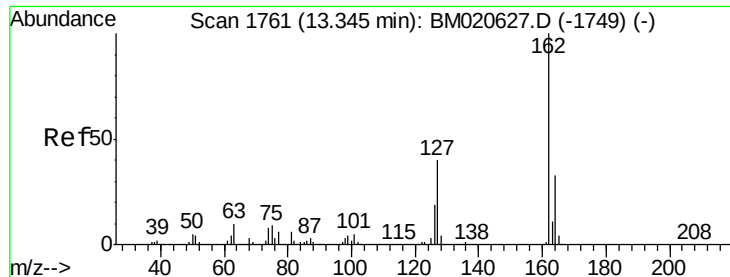
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#46
1,1'-Biphenyl
Concen: 41.546 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	12.9	0.0	34.0





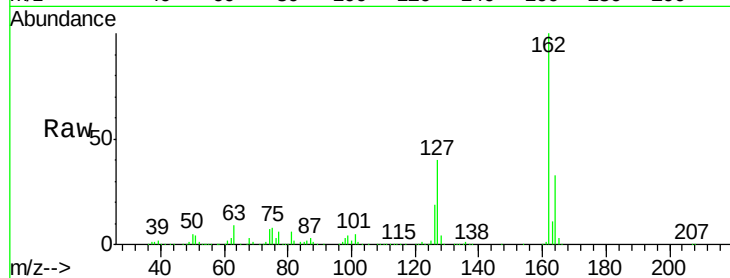
#47
2-Chloronaphthalene
Concen: 39.730 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampled :
PB120221BSD

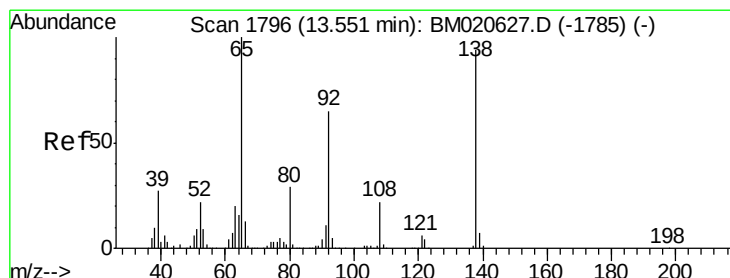
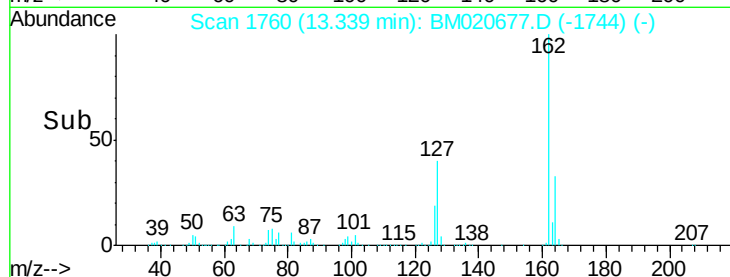
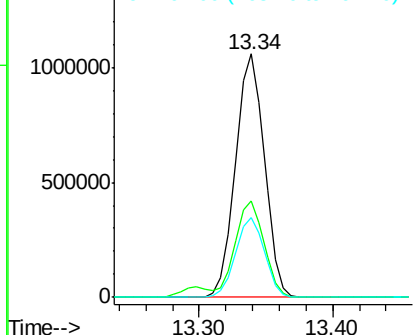
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.1	48.1
164	32.7	26.6	39.8

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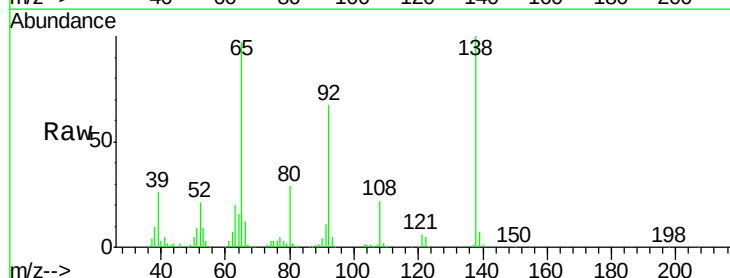


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

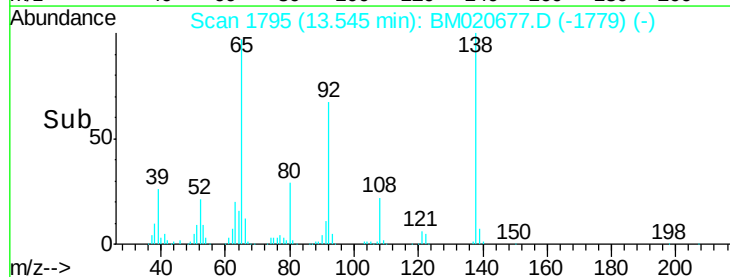
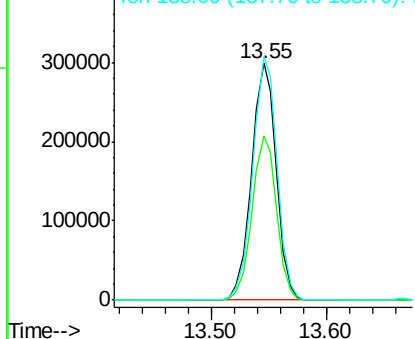


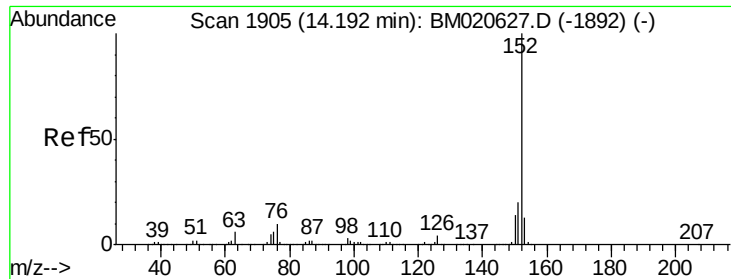
#48
2-Nitroaniline
Concen: 35.311 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	52.2	78.4
138	102.7	75.4	113.0



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





#49

Acenaphthylene

Concen: 39.251 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

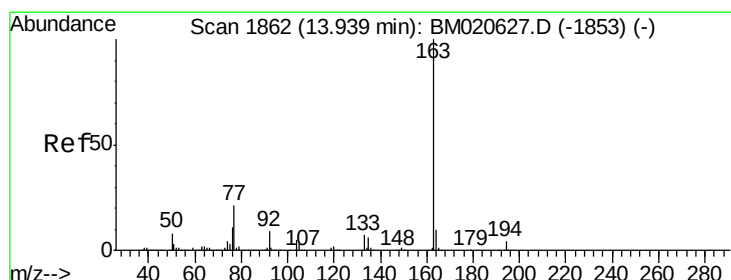
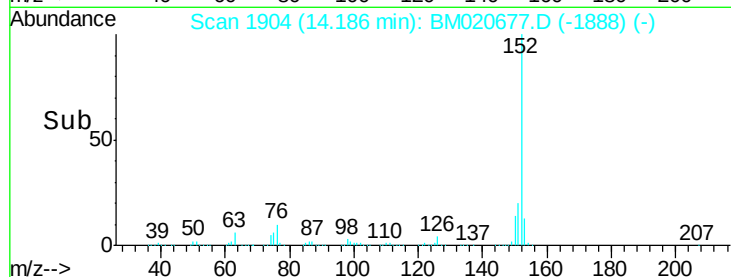
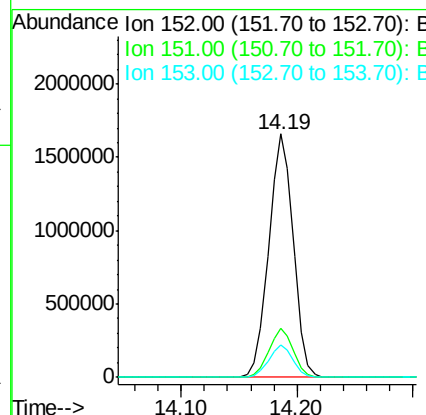
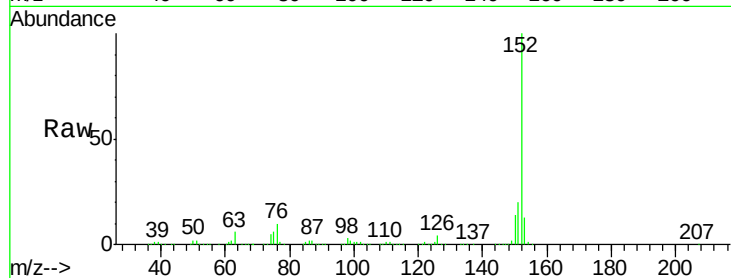
ClientSampleId :

PB120221BSD

Tot Ion:	152	Resp:	2458509
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.3	10.6	15.8

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#50

Dimethylphthalate

Concen: 36.428 ng

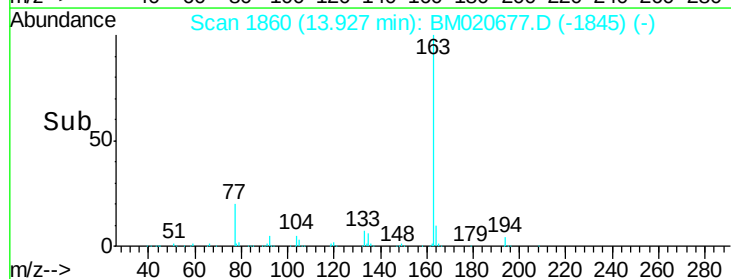
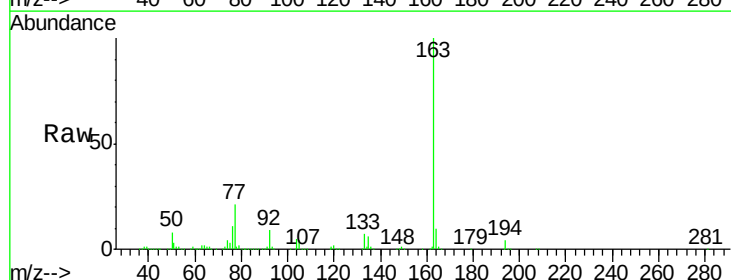
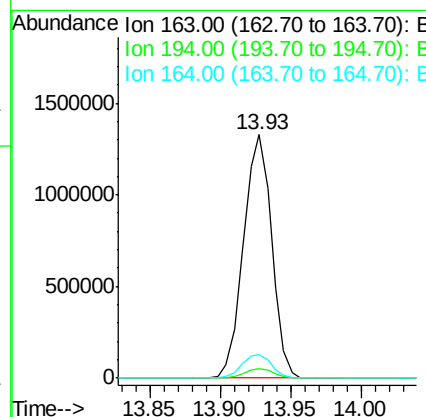
RT: 13.93 min Scan# 1860

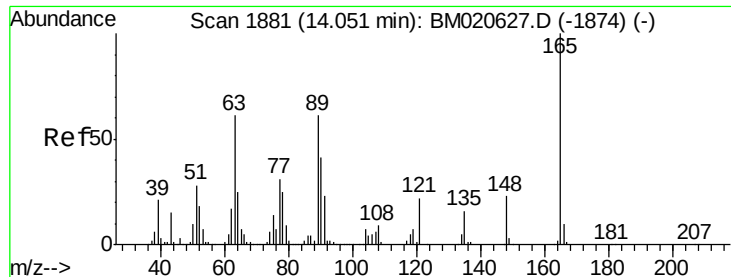
Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tgt Ion:	163	Resp:	1853480
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	7.9	11.9





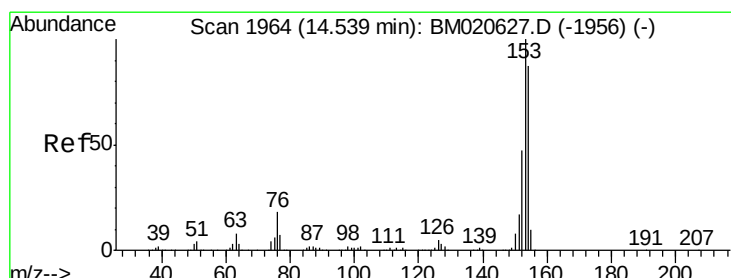
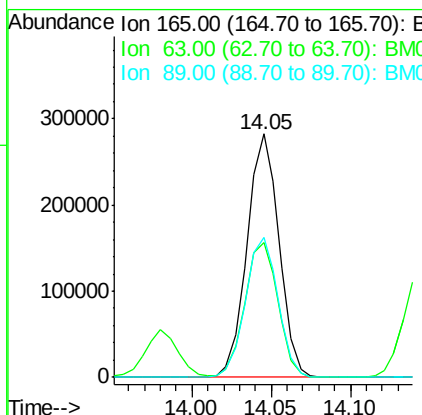
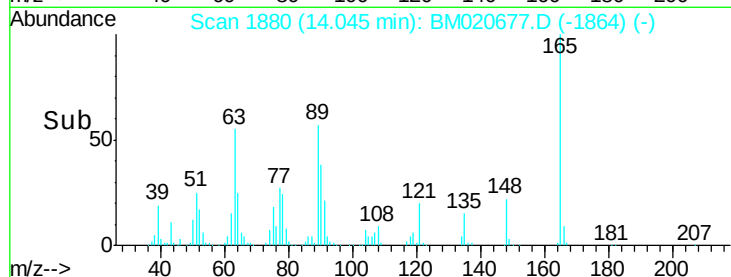
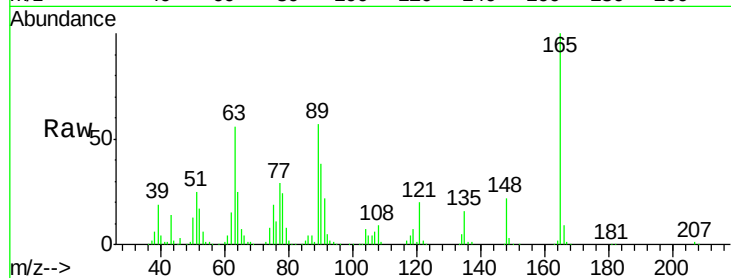
#51
2,6-Dinitrotoluene
Concen: 38.245 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	395120		
63	55.5	50.4	75.6	
89	57.3	49.1	73.7	

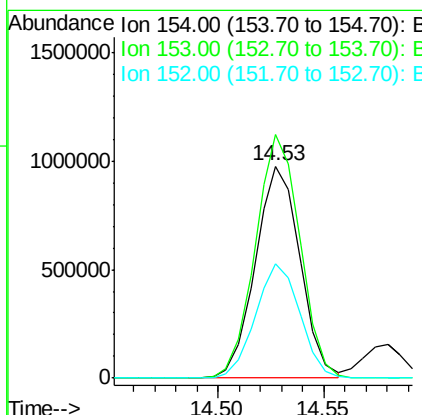
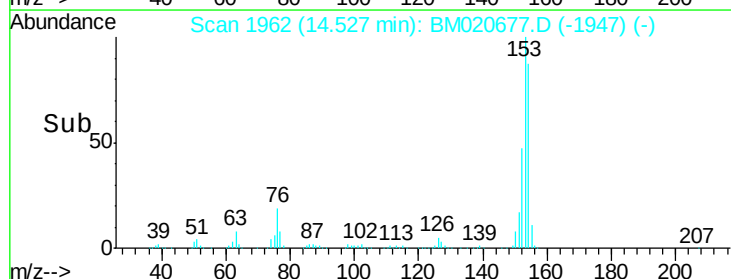
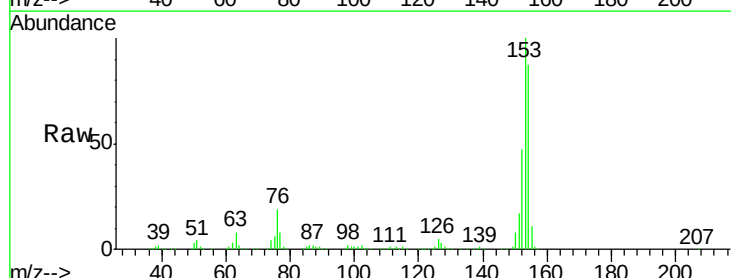
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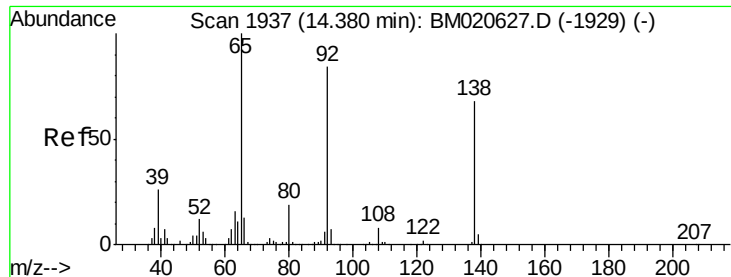
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#52
Acenaphthene
Concen: 38.435 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1434663		
153	114.8	92.4	138.6	
152	54.1	43.4	65.0	





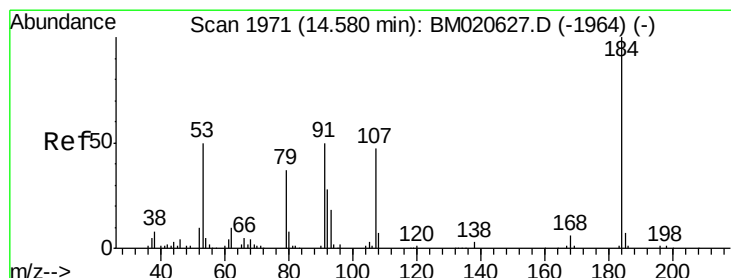
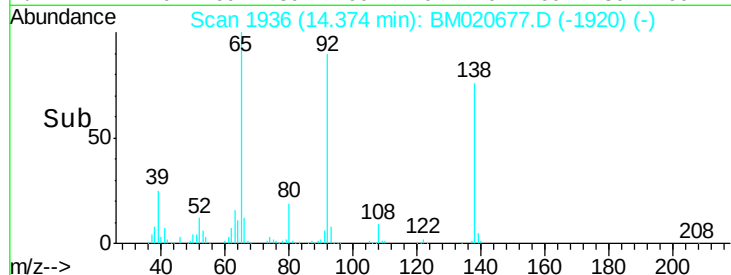
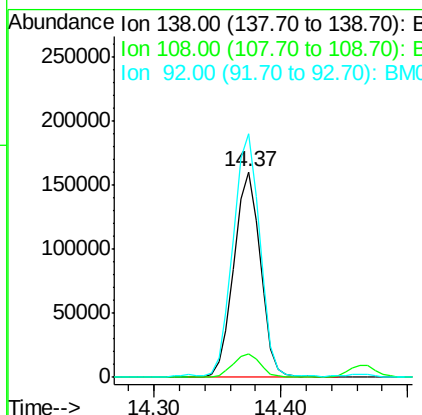
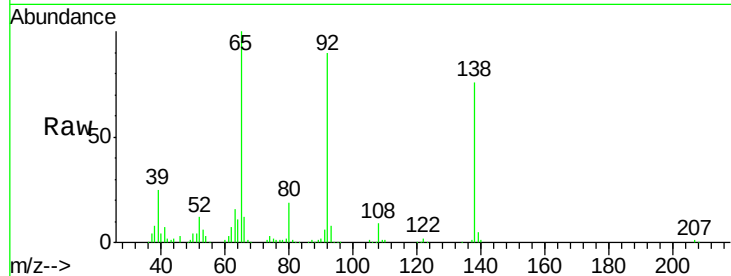
#53
3-Nitroaniline
Concen: 20.120 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.5	14.3
92	118.5	99.6	149.4

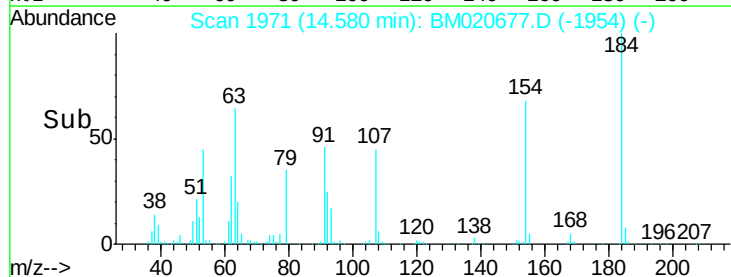
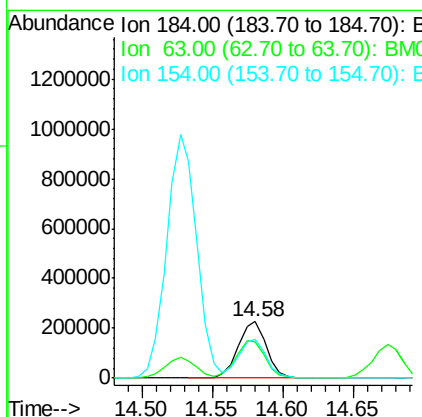
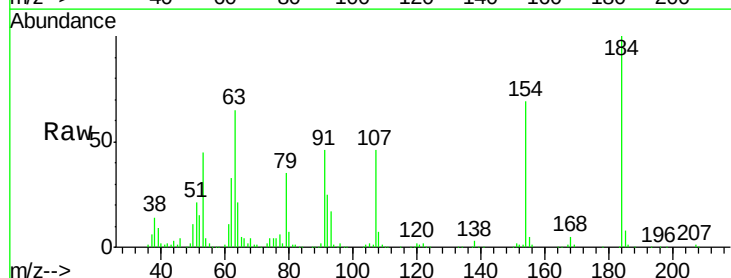
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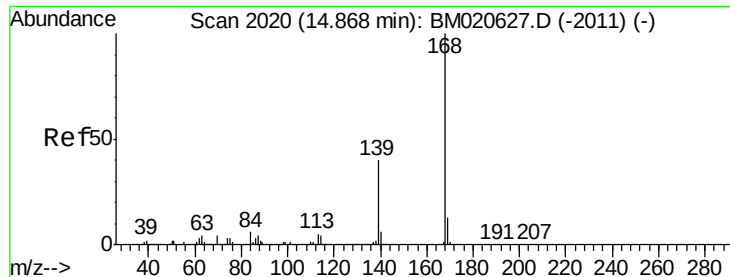
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#54
2,4-Dinitrophenol
Concen: 72.040 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.7	59.3	88.9
154	68.7	56.5	84.7





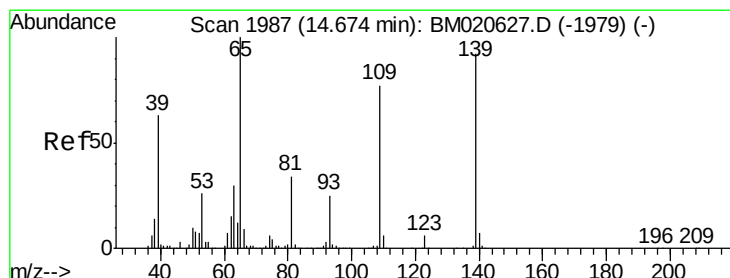
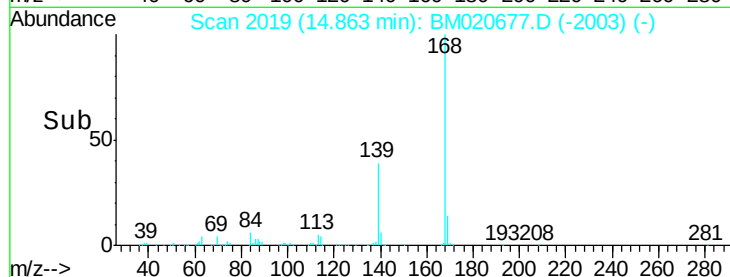
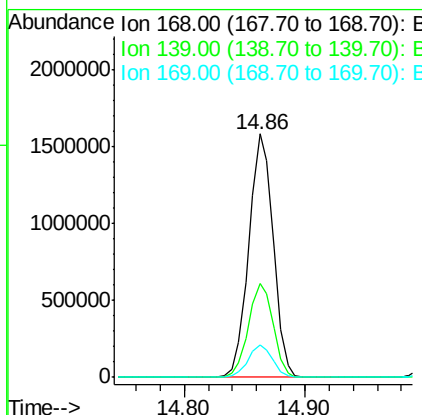
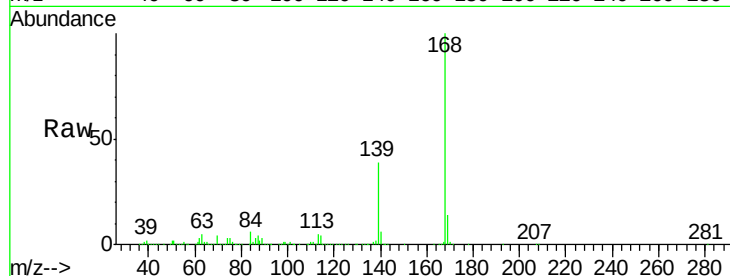
#55
Dibenzenofuran
Concen: 38.516 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.9	47.9
169	13.5	10.7	16.1

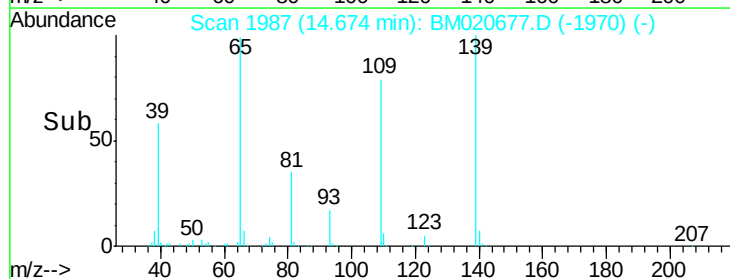
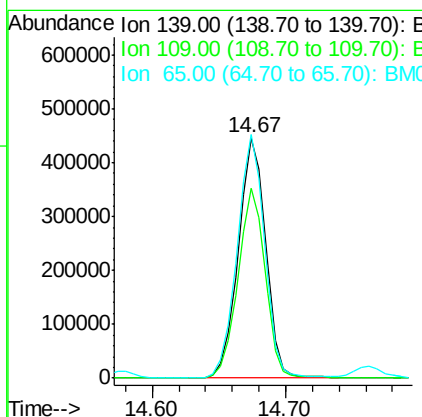
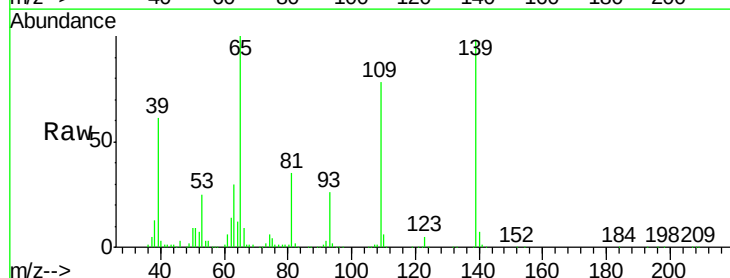
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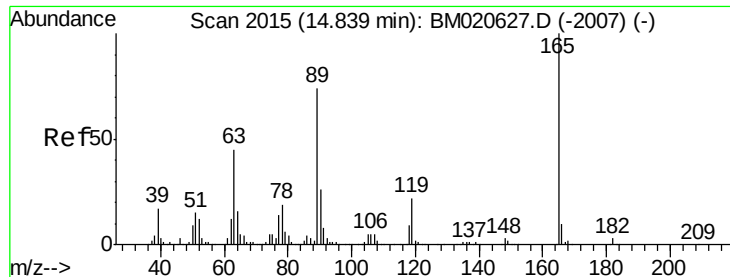
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#56
4-Nitrophenol
Concen: 74.665 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	62.7	102.7
65	101.5	88.3	128.3





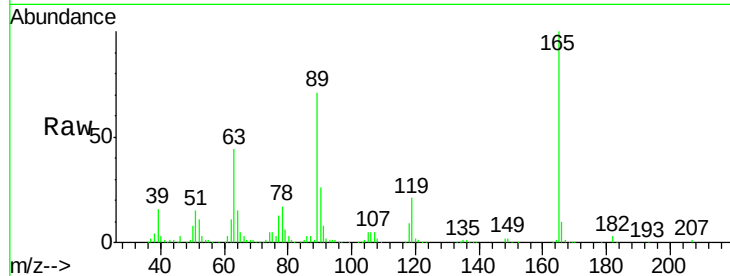
#57
2,4-Dinitrotoluene
Concen: 37.677 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	36.3	54.5
89	71.4	59.0	88.6
182	2.9	2.2	3.4

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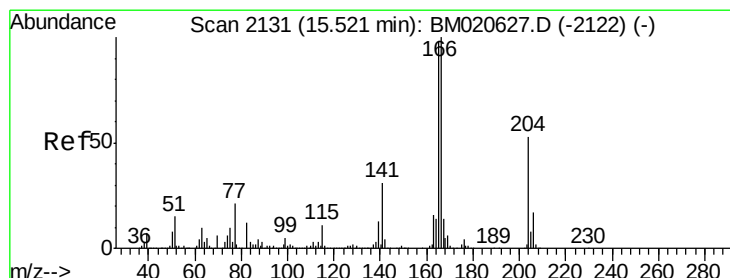
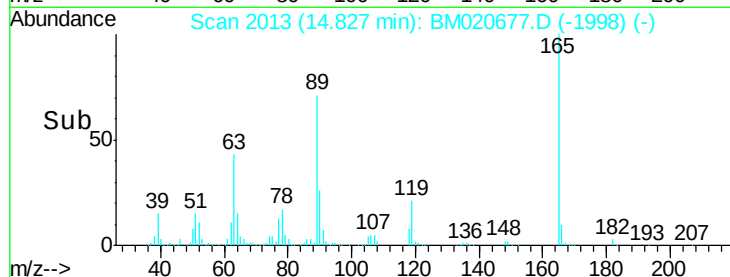
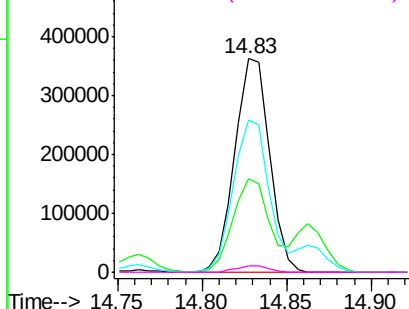


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



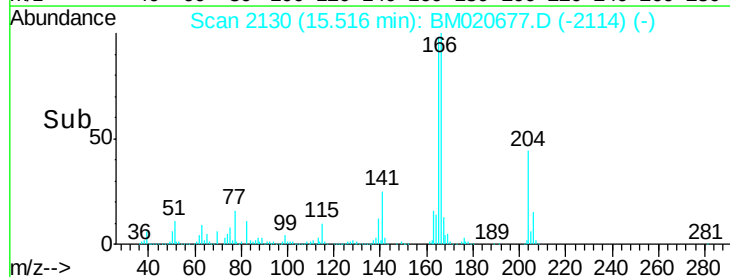
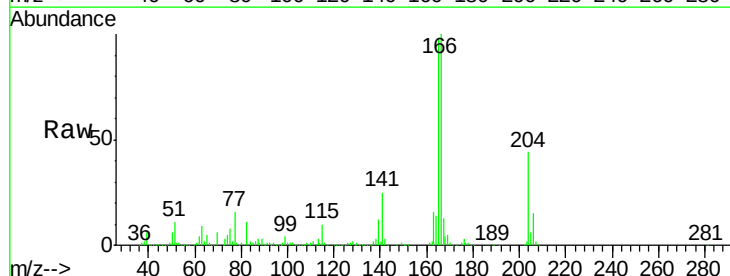
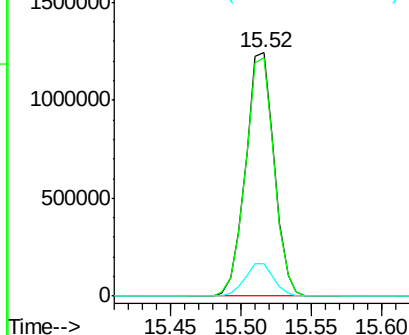
#58
Fluorene
Concen: 36.915 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

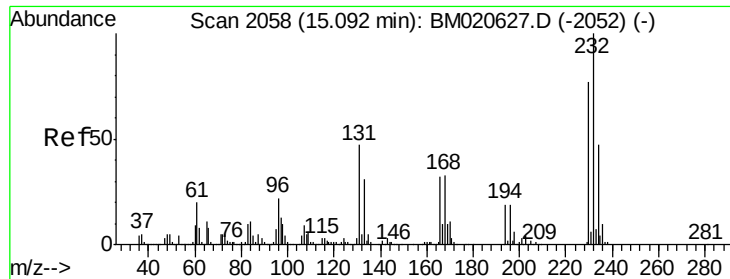
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.3	11.0	16.4

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





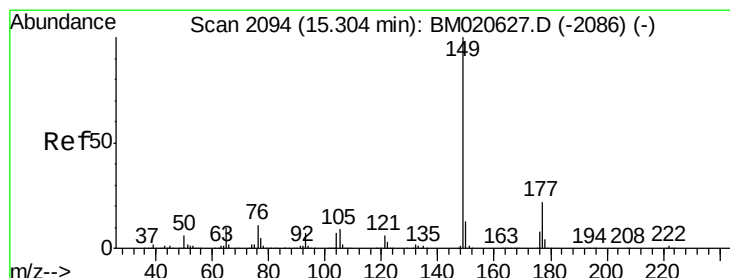
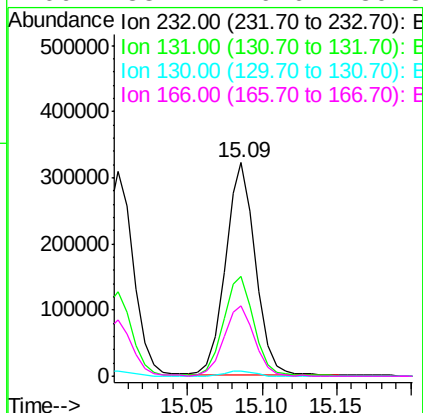
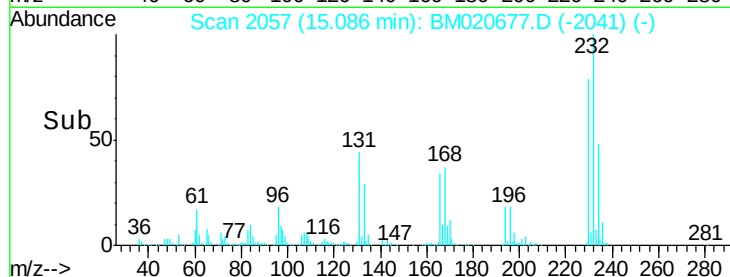
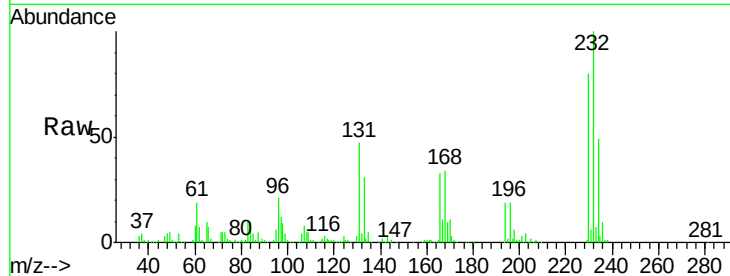
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.657 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion:	232	Resp:	448185
Ion Ratio	Lower	Upper	
232	100		
131	47.4	38.6	57.8
130	2.7	2.2	3.2
166	33.4	26.6	39.8

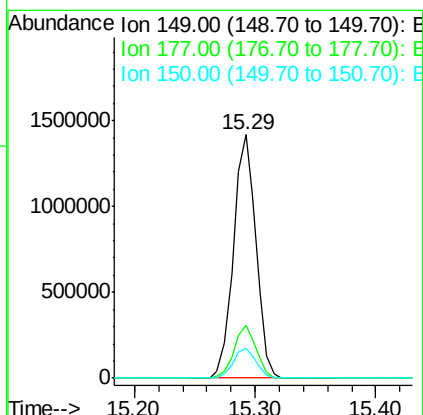
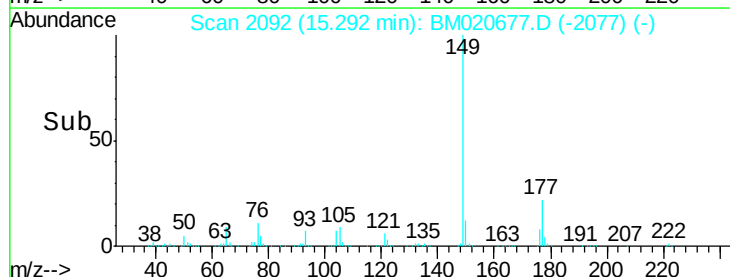
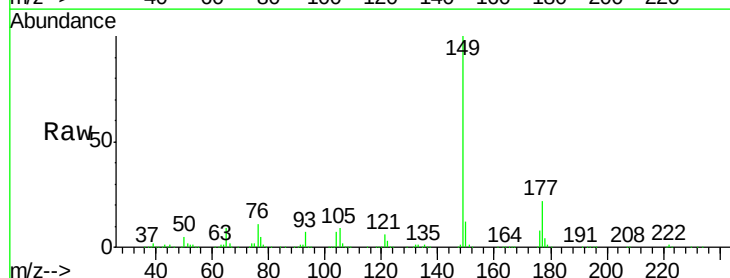
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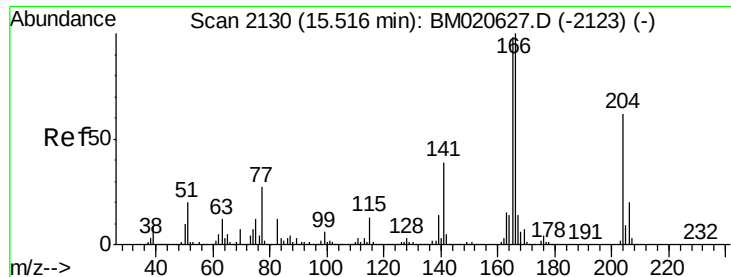
mohammad
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#60
Diethylphthalate
Concen: 35.007 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion:	149	Resp:	1837039
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.2	25.8
150	12.3	10.1	15.1





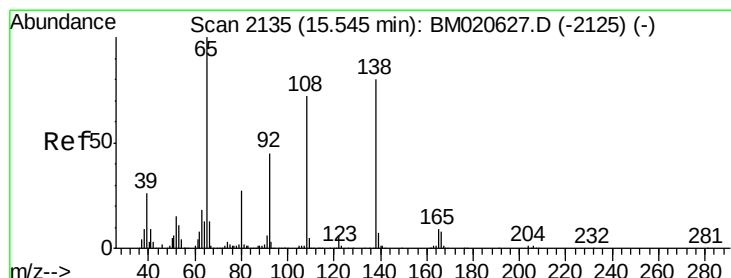
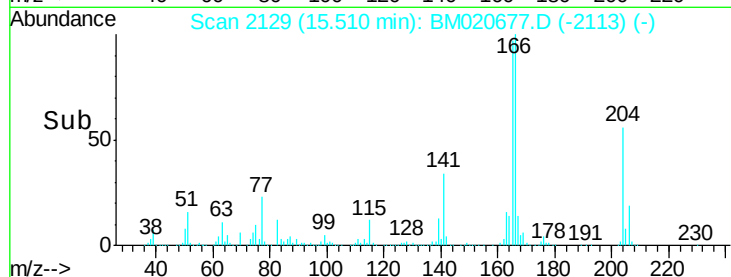
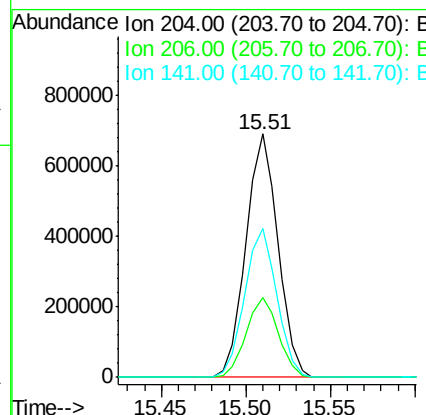
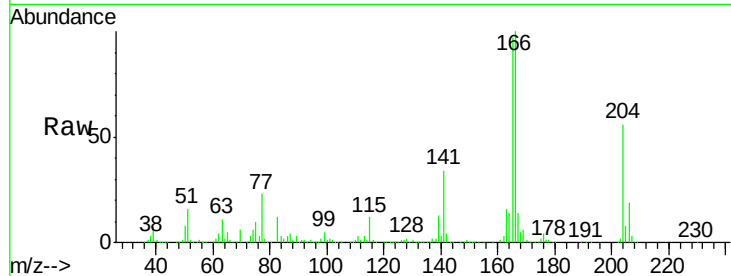
#61
 4-Chlorophenyl-phenylether
 Concen: 36.209 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	914027		
206	32.8	25.8	38.8	
141	61.0	50.2	75.4	

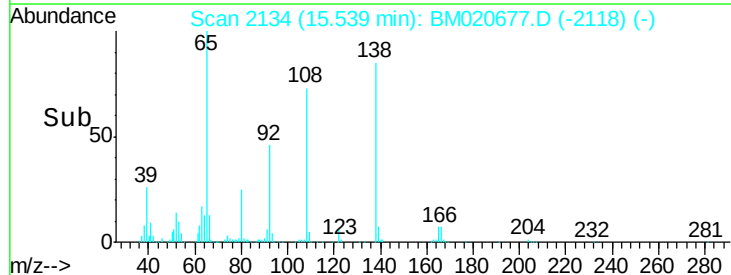
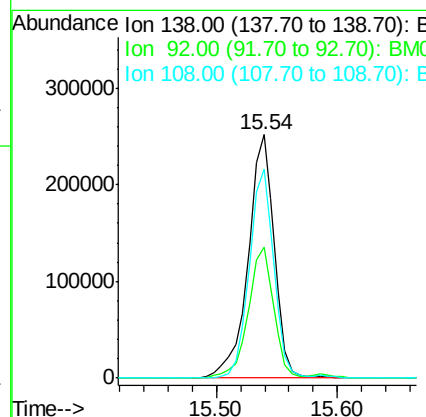
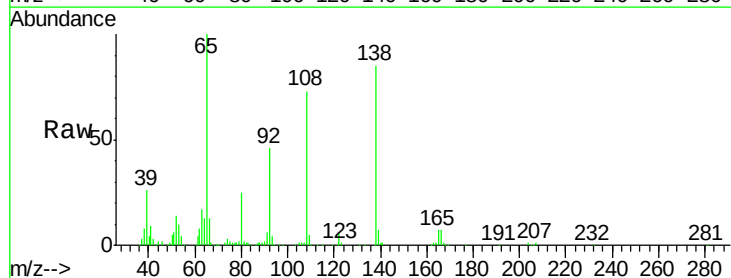
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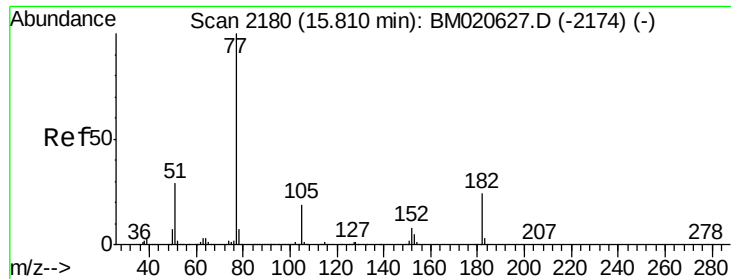
mohammad
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#62
 4-Nitroaniline
 Concen: 31.075 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	380049		
92	53.9	36.7	76.7	
108	85.7	70.3	110.3	





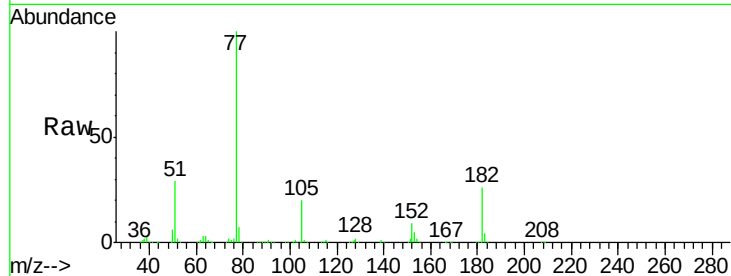
#63
Azobenzene
Concen: 35.561 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.5	3.6	43.6
105	19.7	0.0	39.4
51	28.7	9.5	49.5

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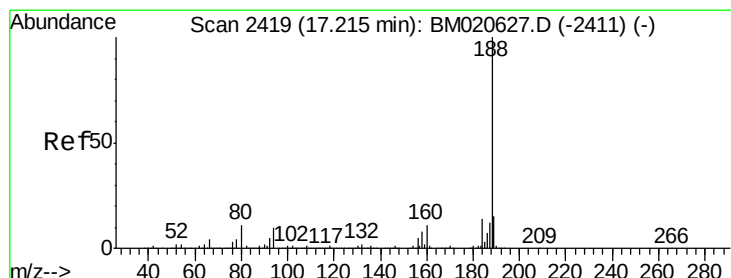
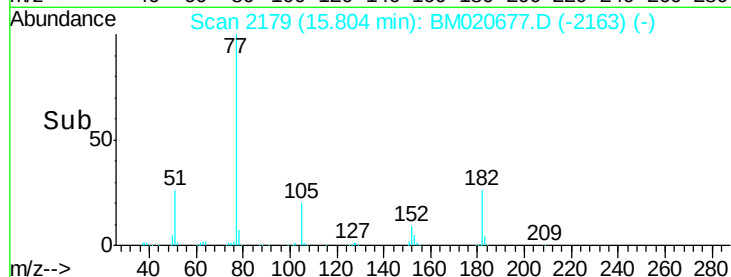
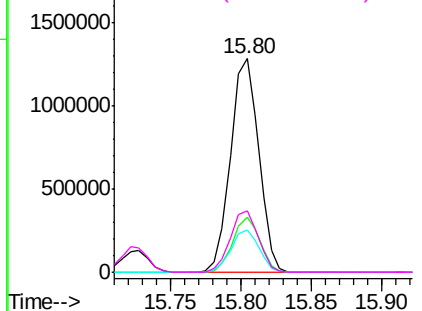


Abundance Ion 77.00 (76.70 to 77.70): BM020677.D (-2163) (-)

Ion 182.00 (181.70 to 182.70): BM020677.D (-2163) (-)

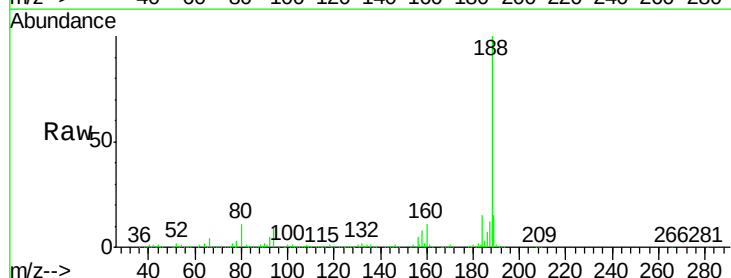
Ion 105.00 (104.70 to 105.70): BM020677.D (-2163) (-)

Ion 51.00 (50.70 to 51.70): BM020677.D (-2163) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

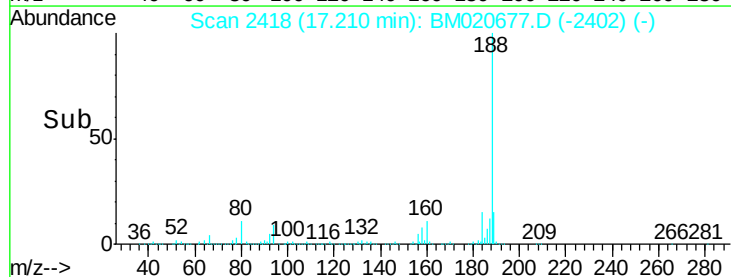
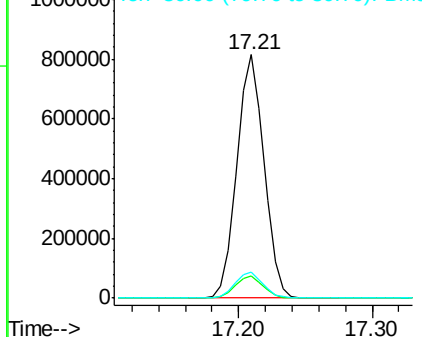
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	10.5	9.0	13.6

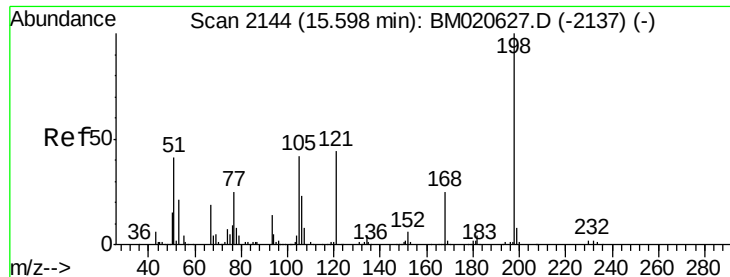


Abundance Ion 188.00 (187.70 to 188.70): BM020677.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BM020677.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020677.D (-2402) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.163 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion:198 Resp: 193964

Ion Ratio Lower Upper

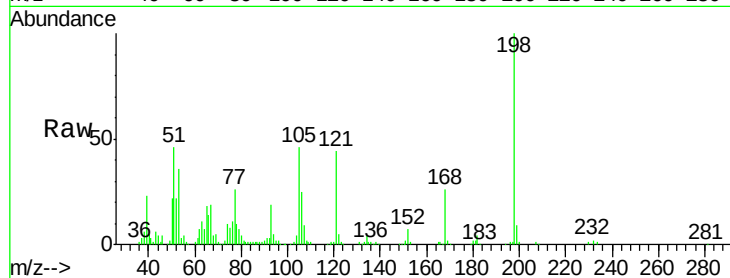
198 100

51 46.2 27.7 67.7

105 45.9 23.8 63.8

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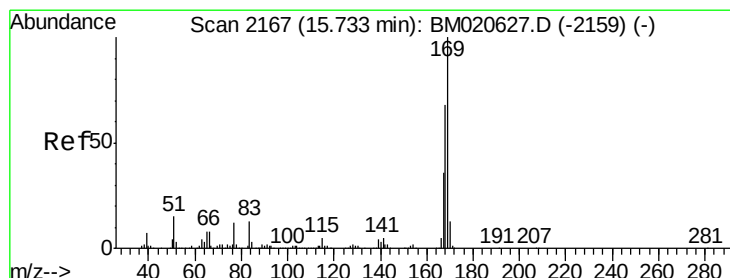
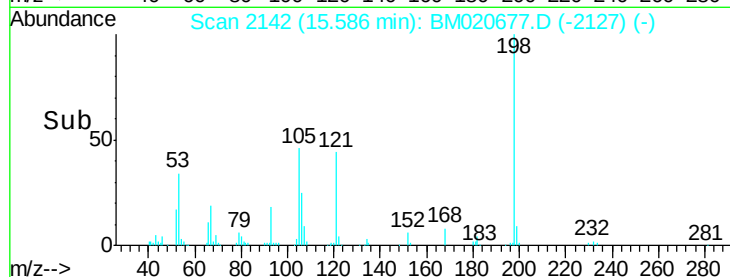
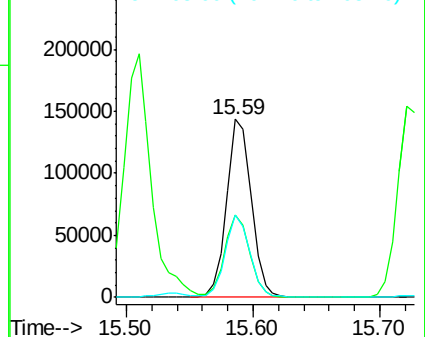
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.262 ng

RT: 15.73 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

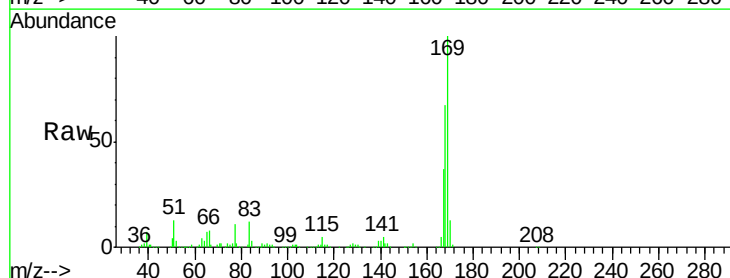
Tgt Ion:169 Resp: 1514521

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.4

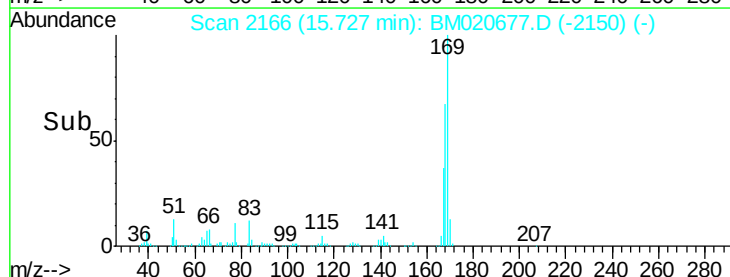
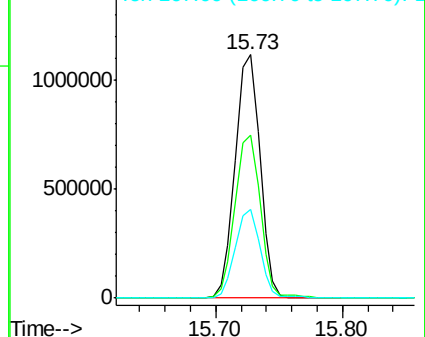
167 36.5 29.1 43.7

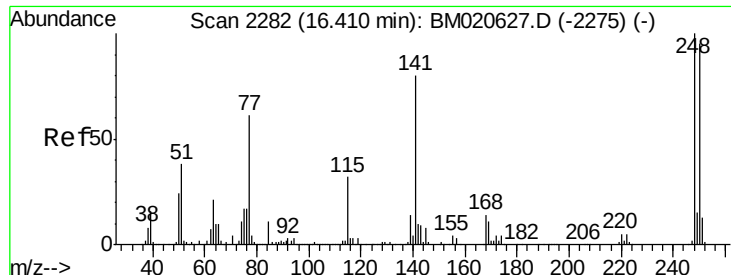


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.307 ng

RT: 16.40 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

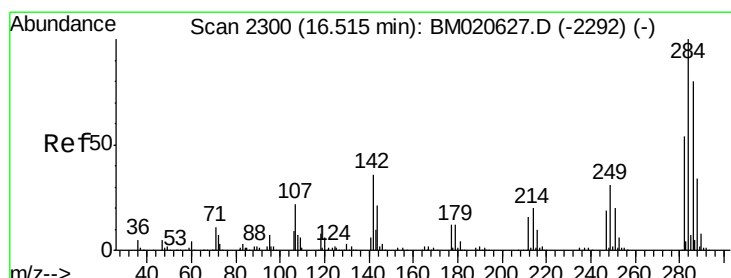
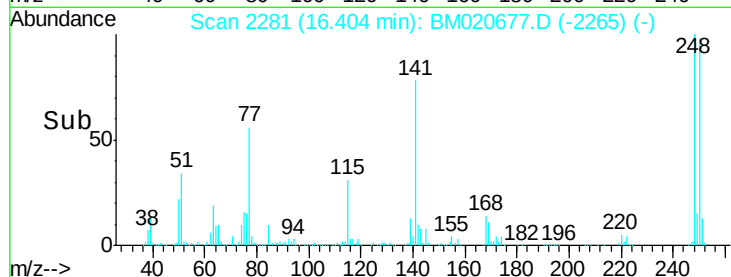
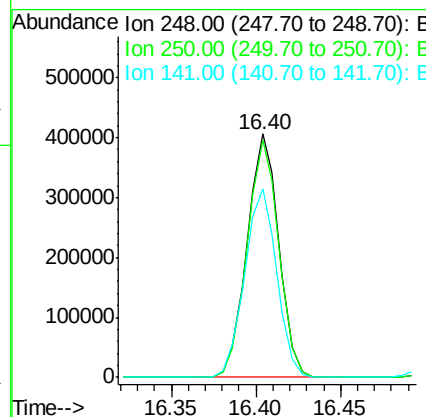
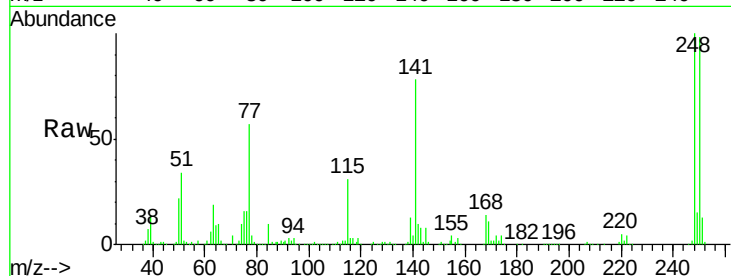
ClientSampleId :

PB120221BSD

Tot Ion:	248	Resp:	530633
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.3	114.5
141	77.6	64.2	96.2

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#68

Hexachlorobenzene

Concen: 37.984 ng

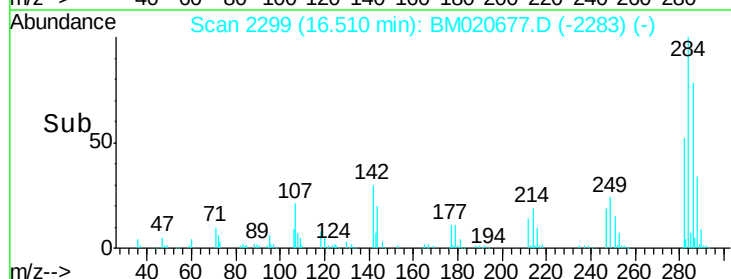
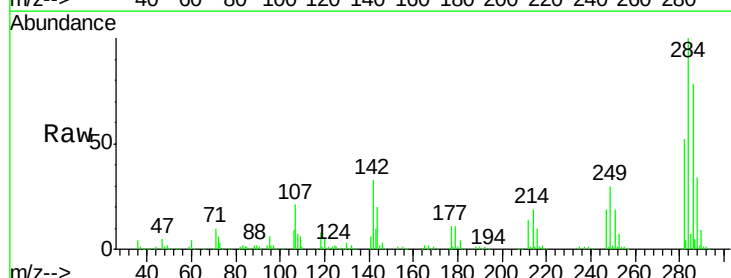
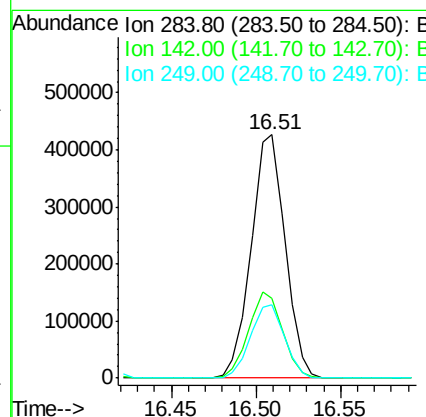
RT: 16.51 min Scan# 2299

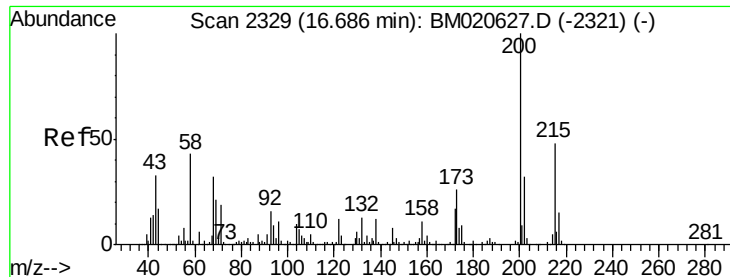
Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Tgt Ion:	284	Resp:	598773
Ion Ratio	Lower	Upper	
284	100		
142	33.0	28.6	42.8
249	30.0	25.0	37.4





#69

Atrazine

Concen: 43.720 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

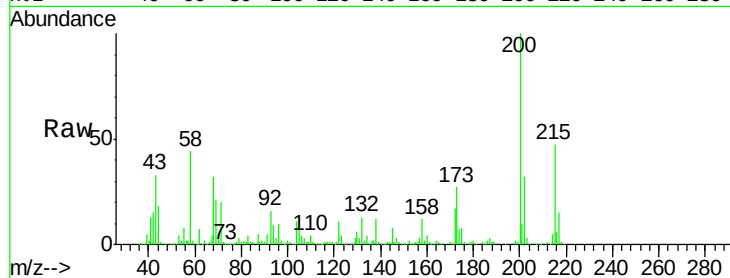
ClientSampleId :

PB120221BSD

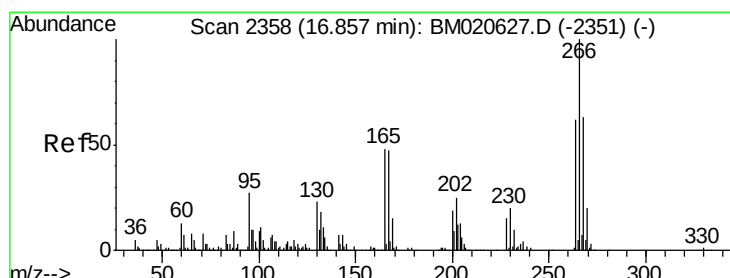
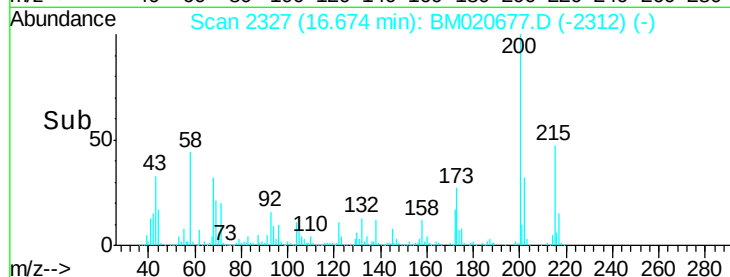
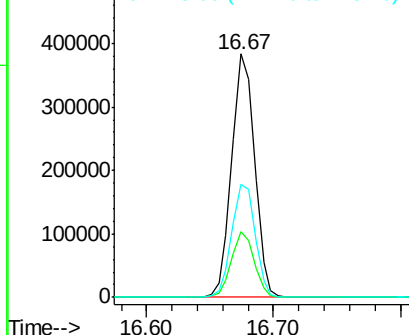
Tot Ion:	200	Resp:	478941
Ion Ratio	Lower	Upper	
200	100		
173	26.8	6.2	46.2
215	46.7	27.7	67.7

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.385 ng

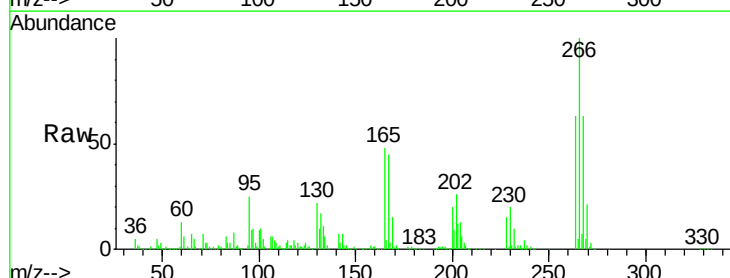
RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

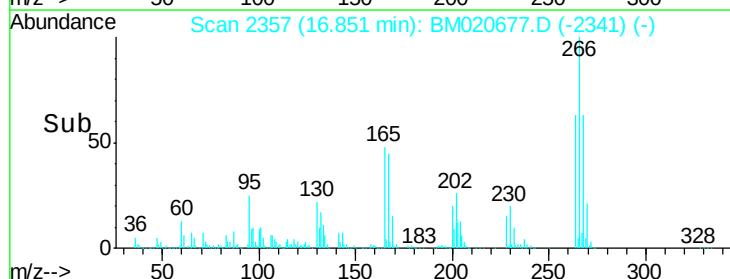
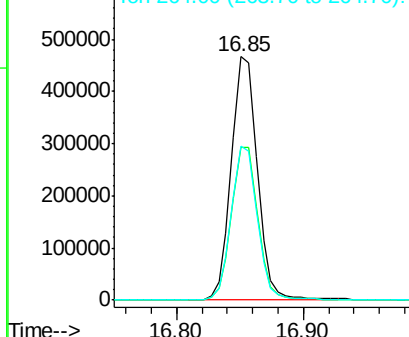
Lab File: BM020677.D

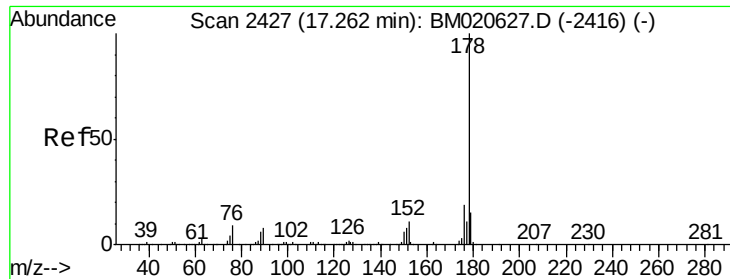
Acq: 03 Jun 2019 18:53

Tgt Ion:	266	Resp:	664684
Ion Ratio	Lower	Upper	
266	100		
268	62.8	50.6	75.8
264	63.0	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





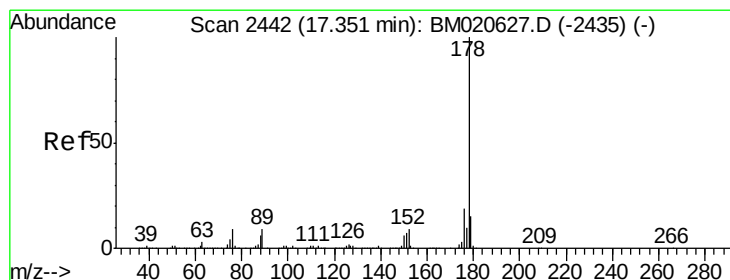
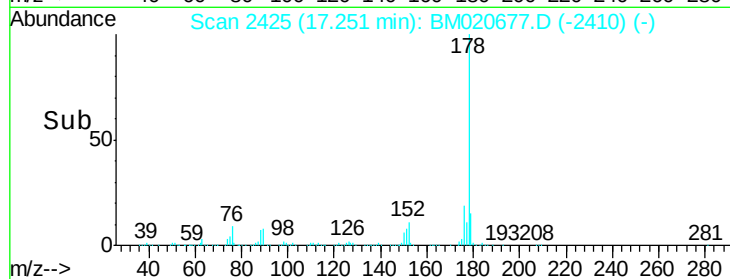
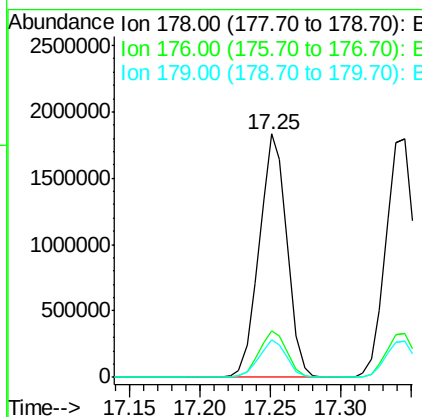
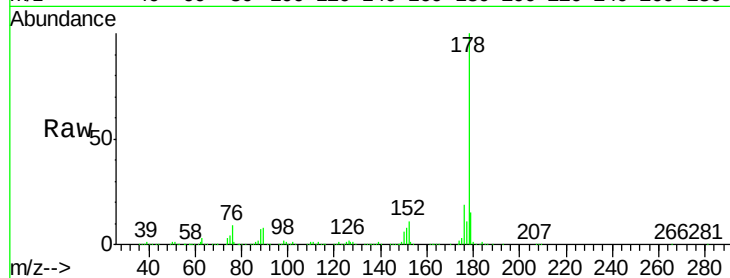
#71
Phenanthrene
Concen: 38.931 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleID :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.2	12.2	18.4

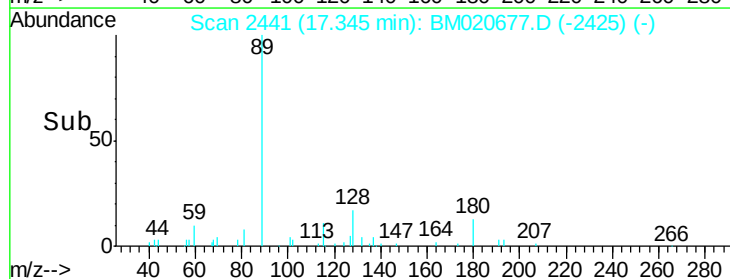
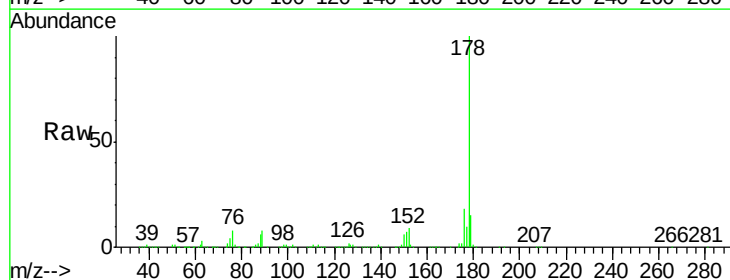
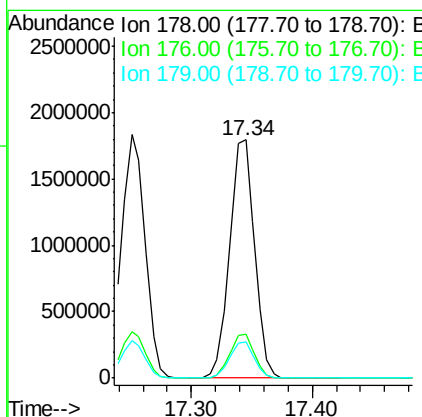
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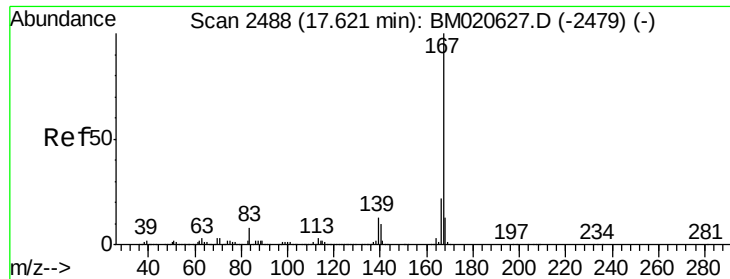
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#72
Anthracene
Concen: 39.664 ng
RT: 17.34 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.3	12.3	18.5





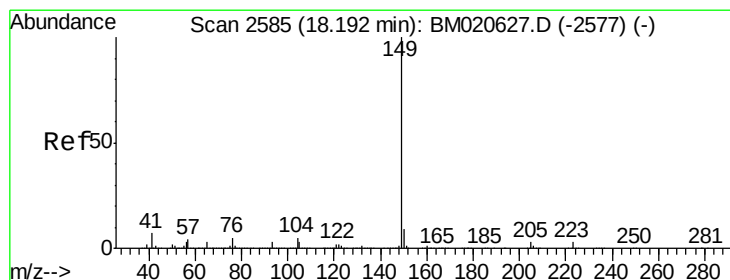
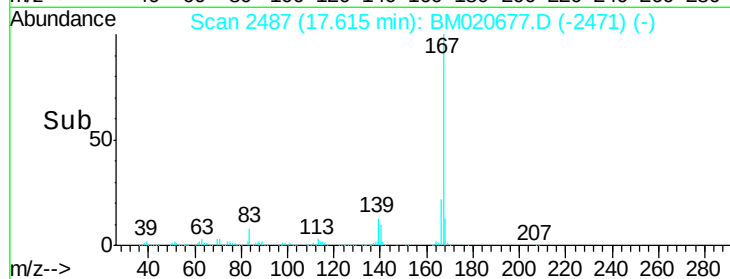
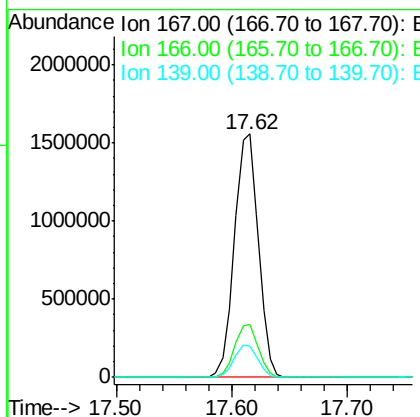
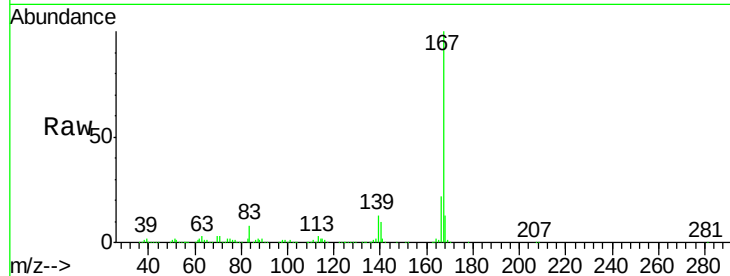
#73
 Carbazole
 Concen: 37.794 ng
 RT: 17.62 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.0	10.6	15.8

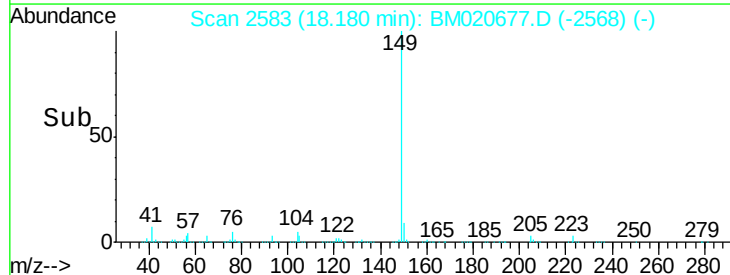
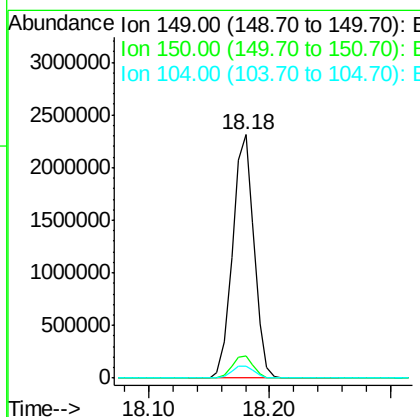
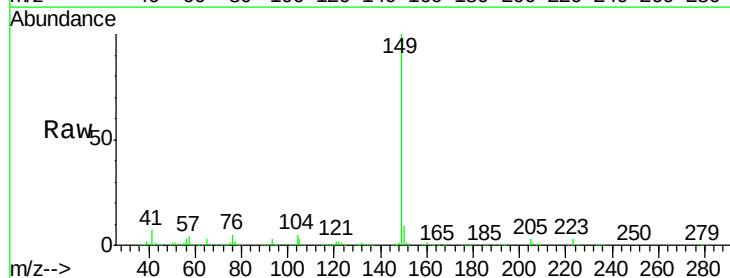
Manual Integrations
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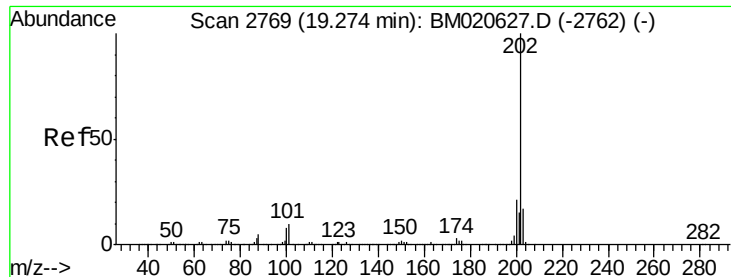
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.121 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 36.715 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion:202 Resp: 2653608

Ion Ratio Lower Upper

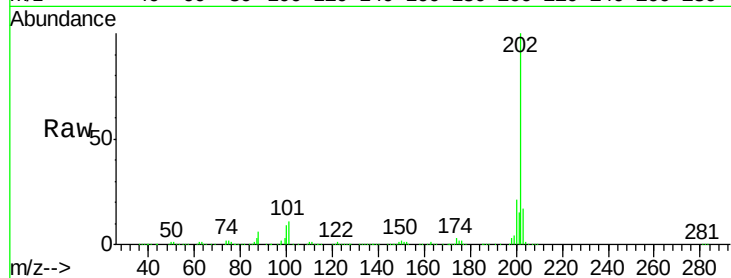
202 100

101 11.1 0.0 30.4

203 17.3 0.0 37.3

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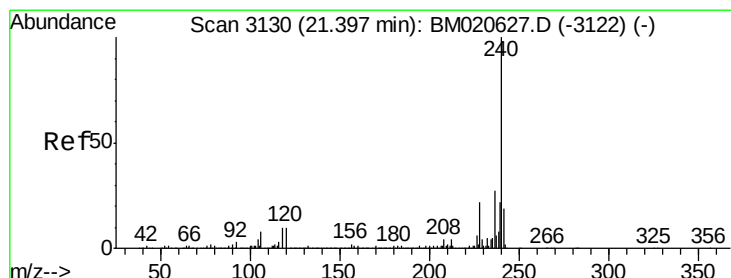
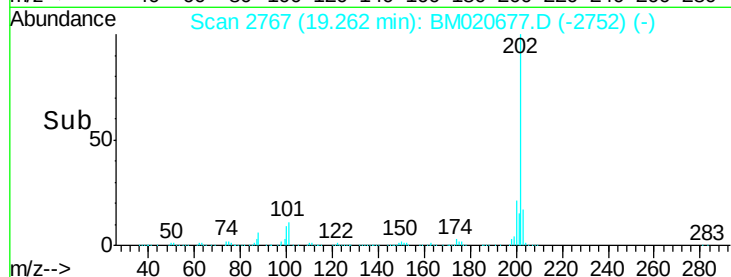
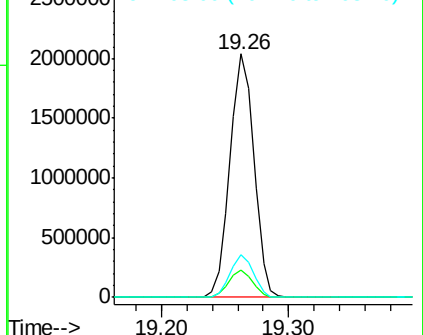
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

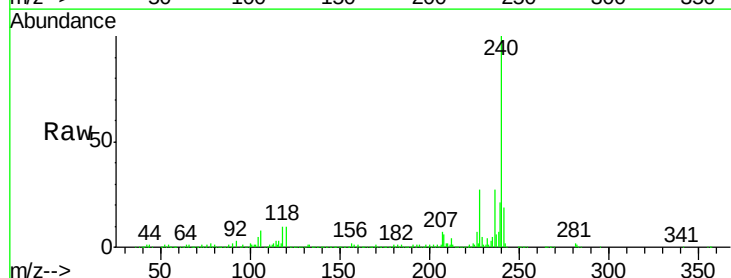
Tgt Ion:240 Resp: 962631

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

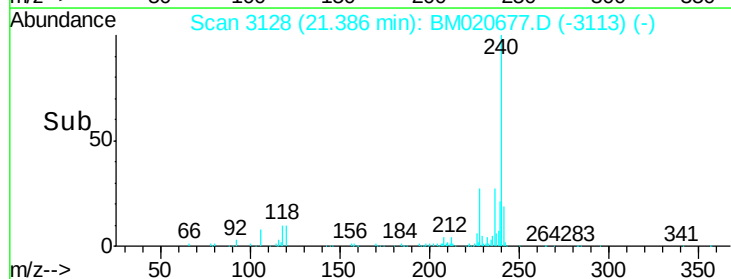
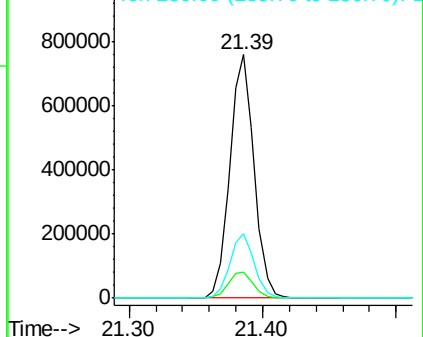
236 26.6 21.2 31.8

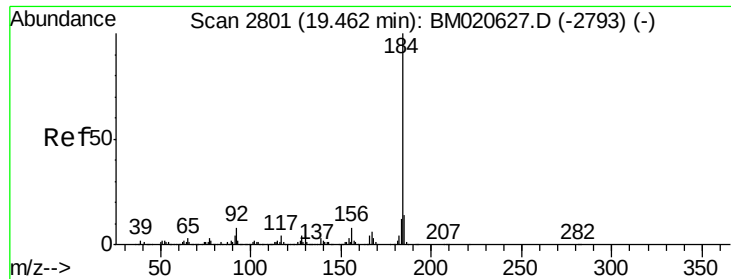


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.418 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion:184 Resp: 1120598

Ion Ratio Lower Upper

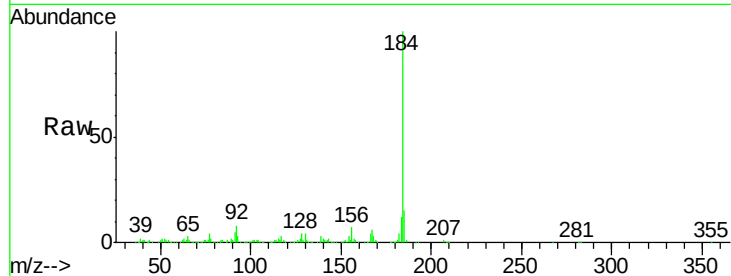
184 100

185 14.6 11.3 16.9

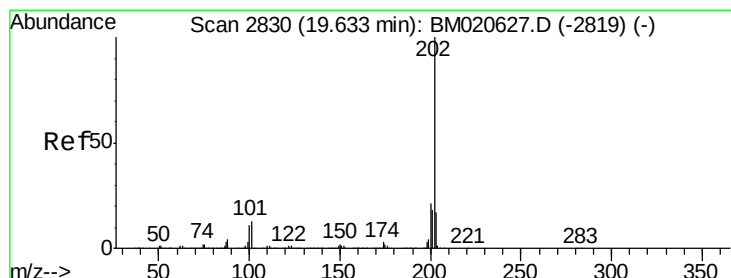
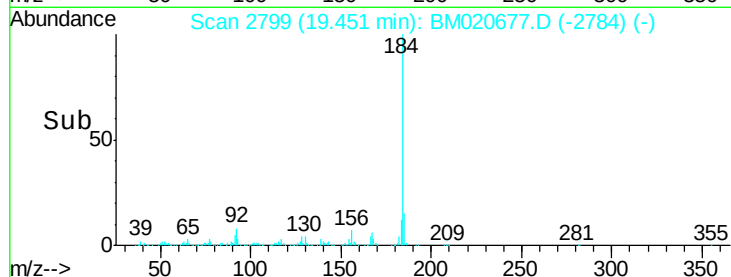
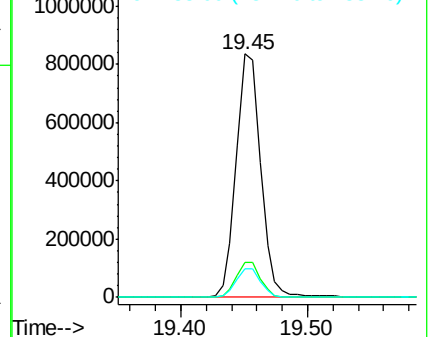
183 12.0 9.8 14.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.765 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

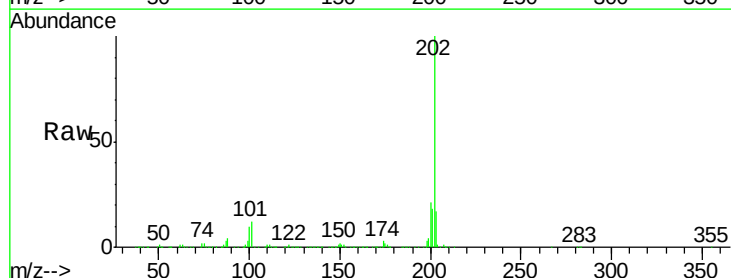
Tgt Ion:202 Resp: 2715858

Ion Ratio Lower Upper

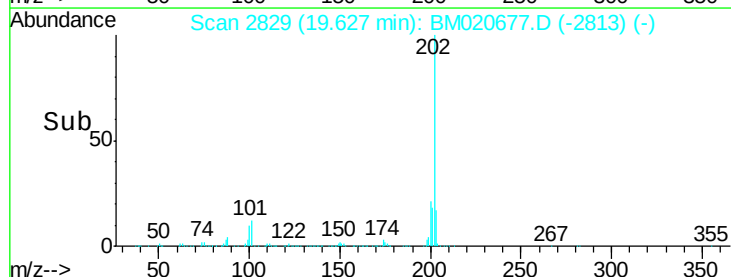
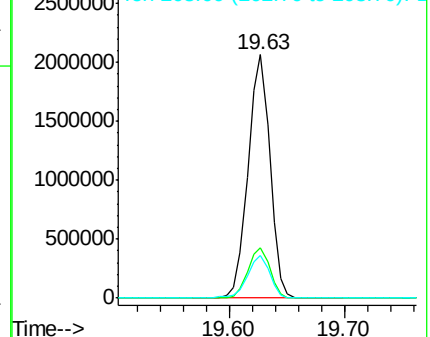
202 100

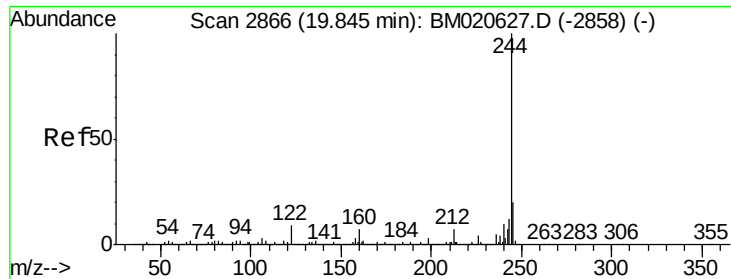
200 20.7 16.8 25.2

203 17.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.393 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion:244 Resp: 3648355

Ion Ratio Lower Upper

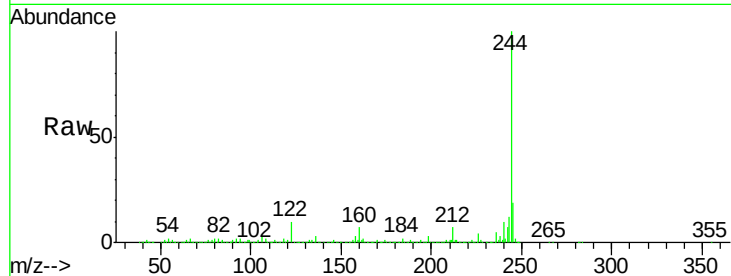
244 100

212 6.9 5.7 8.5

122 9.7 7.2 10.8

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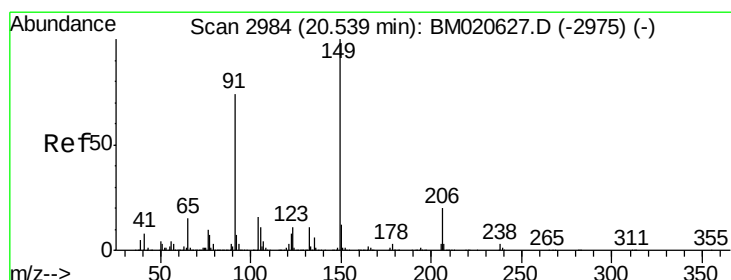
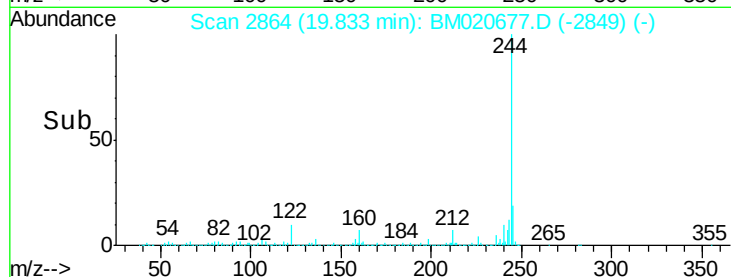
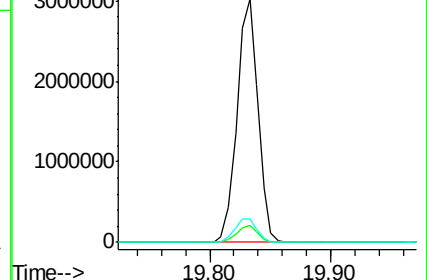
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.131 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

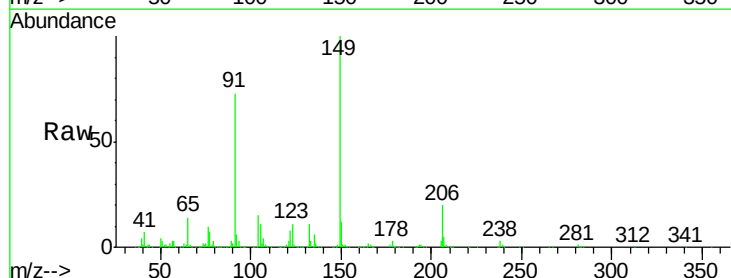
Tgt Ion:149 Resp: 1159138

Ion Ratio Lower Upper

149 100

91 72.6 59.6 89.4

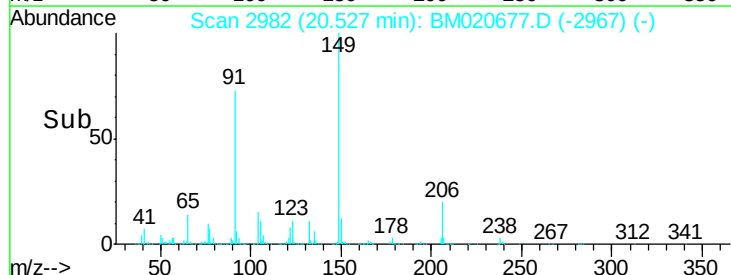
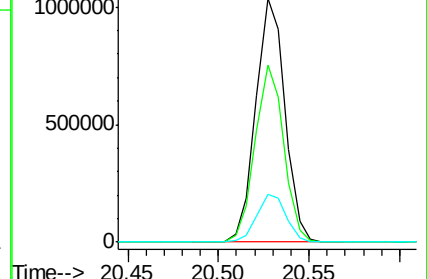
206 19.7 15.7 23.5

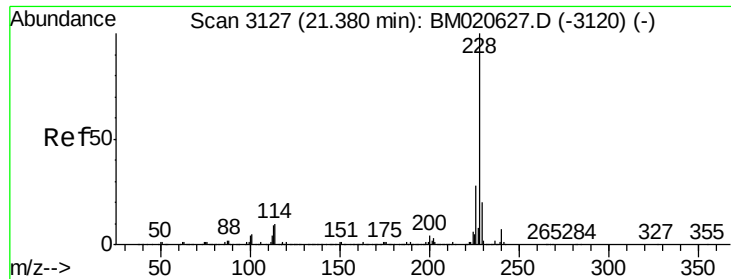


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





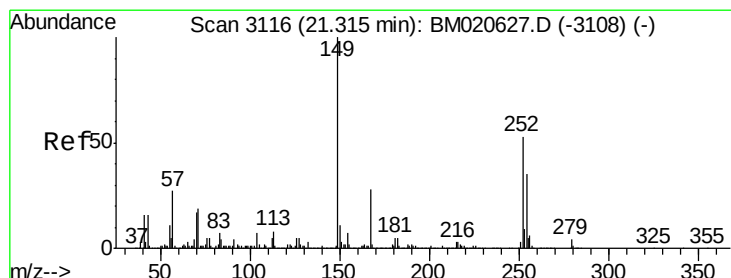
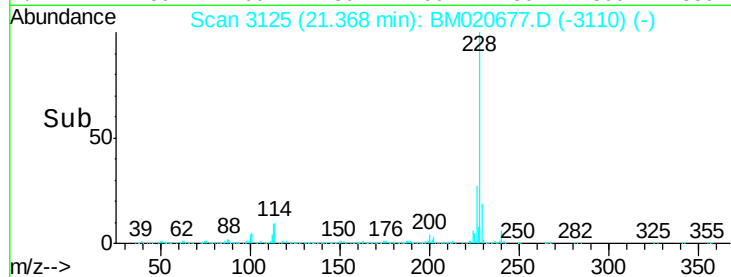
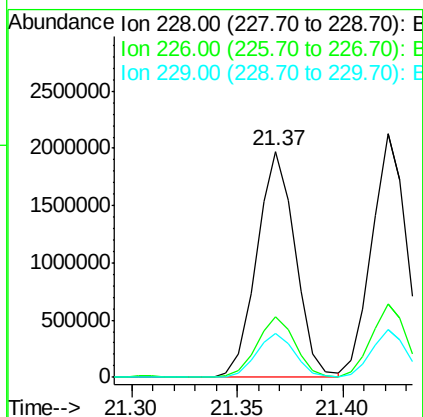
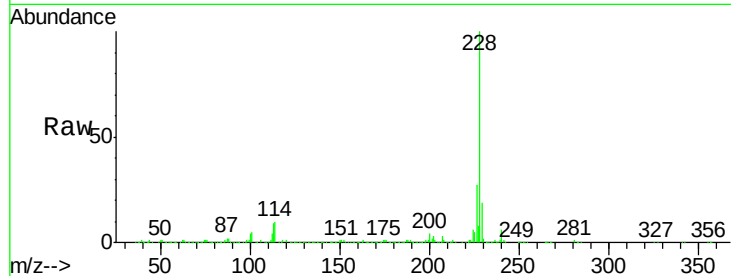
#81
Benzo(a)anthracene
Concen: 37.208 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.3	33.5
229	19.4	15.9	23.9

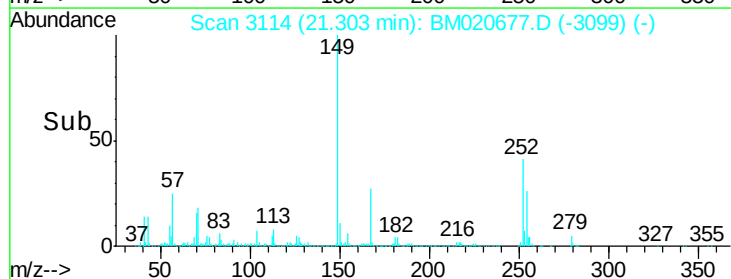
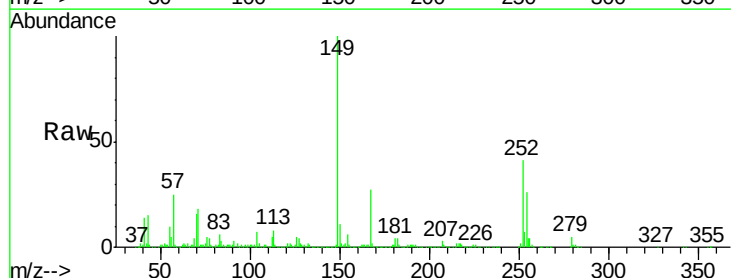
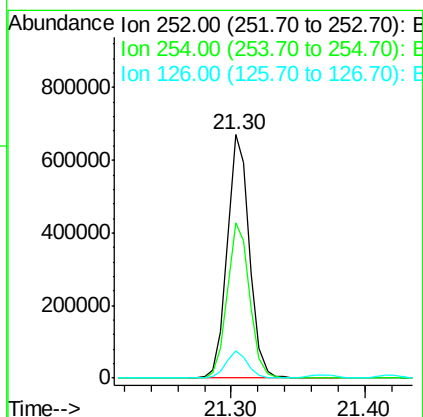
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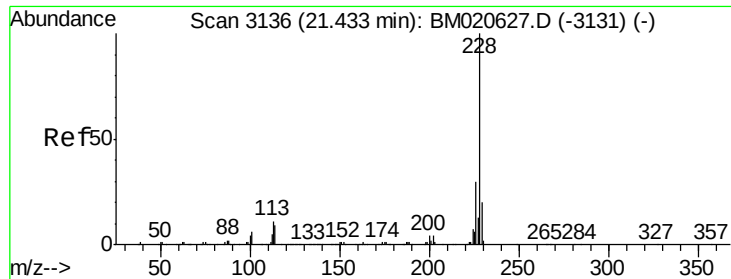
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 32.065 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	11.4	8.0	12.0





#83
 Chrysene
 Concen: 38.306 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

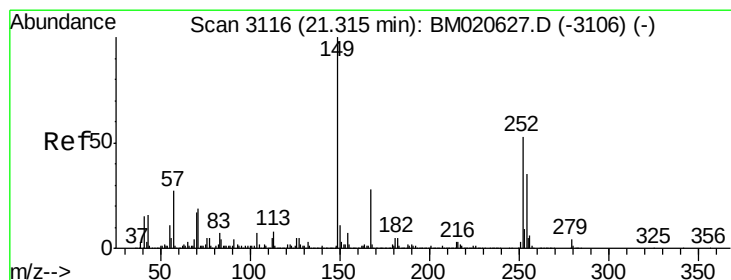
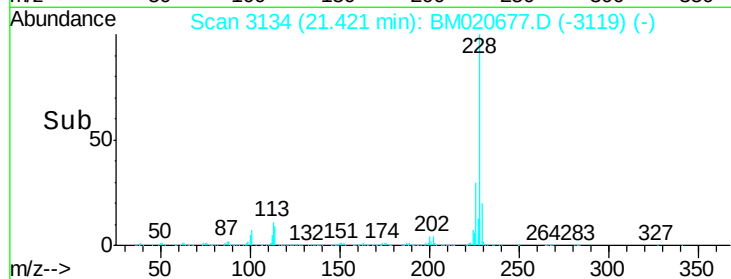
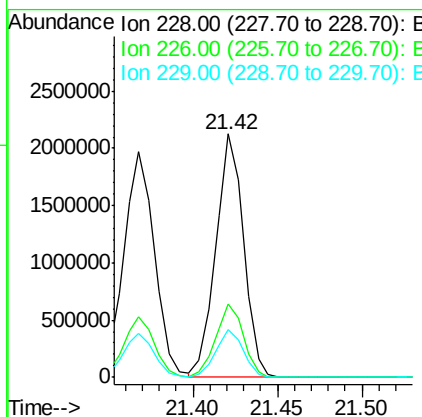
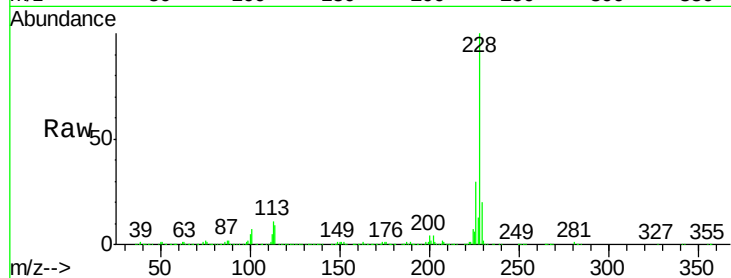
Instrument :
 BNA_M
 ClientSampleId :
 PB120221BSD

Tot Ion: 228 Resp: 2440940

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.8	23.6

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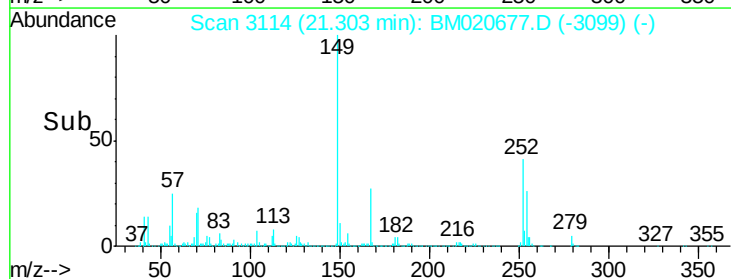
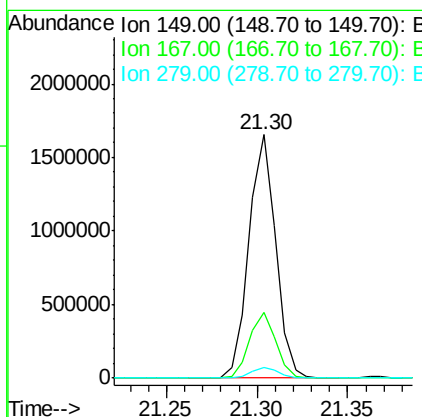
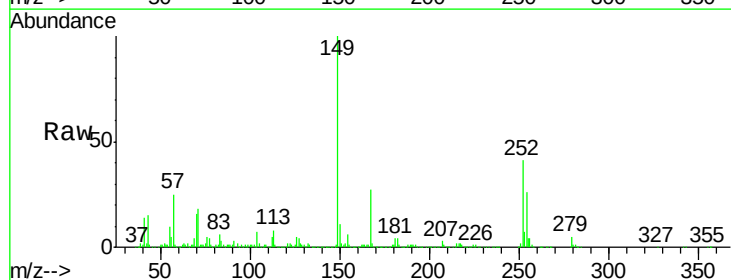
mohammad
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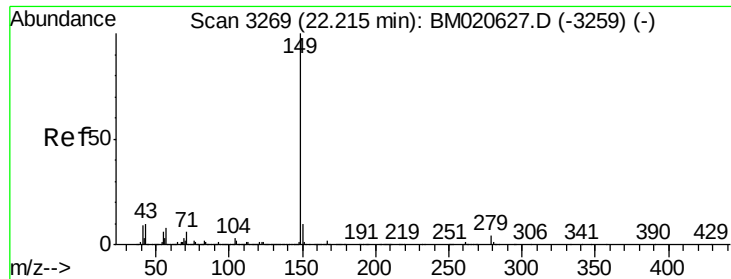


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.404 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020677.D
 Acq: 03 Jun 2019 18:53

Tgt Ion: 149 Resp: 1697074

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.6	3.4	5.0





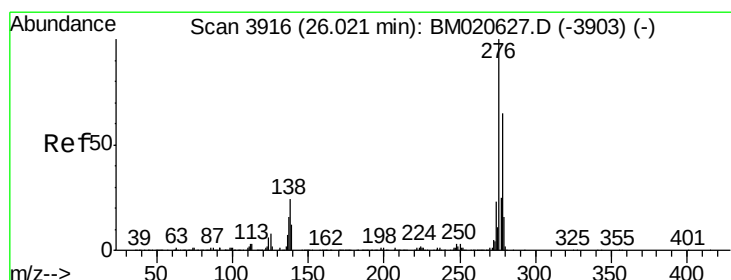
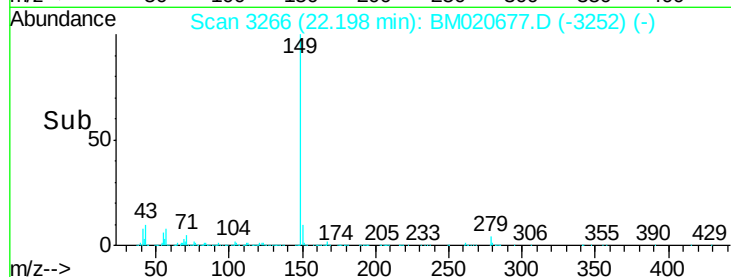
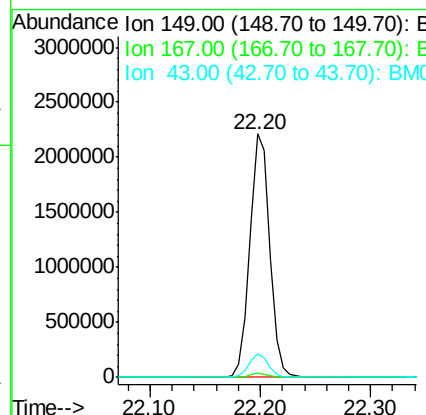
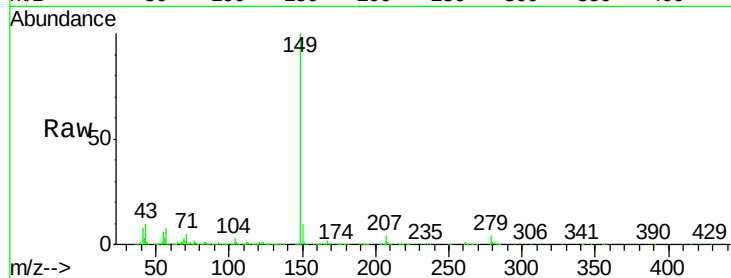
#85
Di-n-octyl phthalate
Concen: 38.908 ng
RT: 22.20 min Scan# 3266
Delta R.T. -0.02 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	8.2	12.4

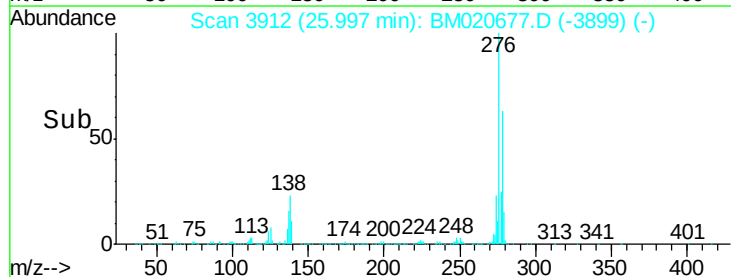
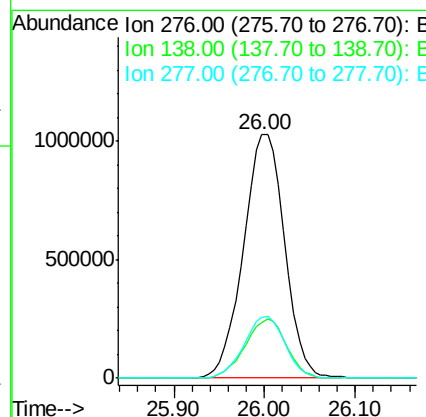
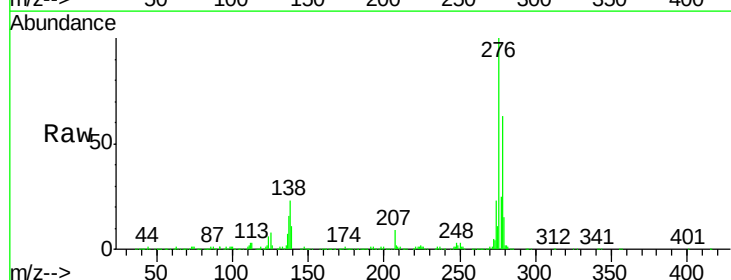
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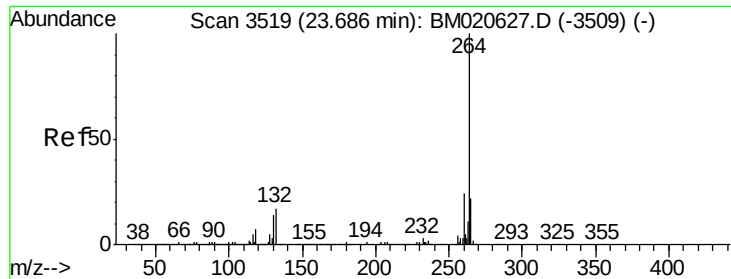
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.692 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.02 min
Lab File: BM020677.D
Acq: 03 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.8
277	25.3	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion:264 Resp: 1063349

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.6	26.4

264 100

260 23.6 19.2 28.8

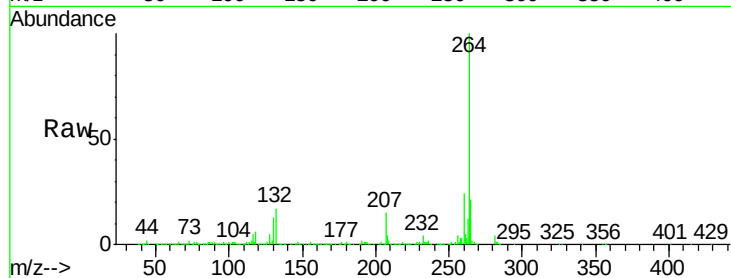
265 21.1 17.6 26.4

Manual Integrations

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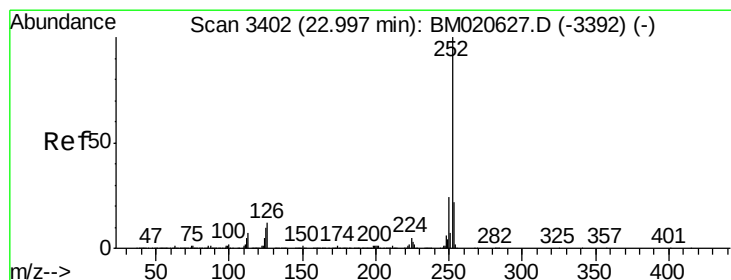
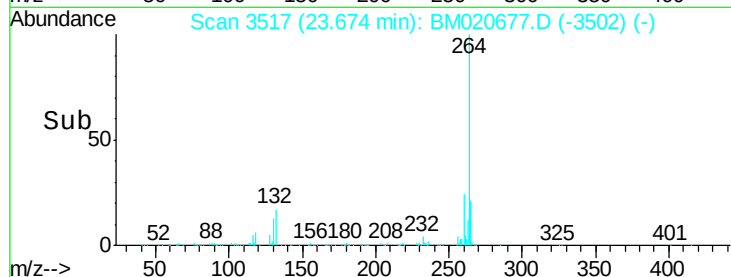
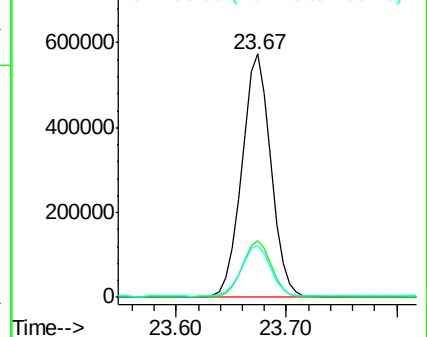


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.950 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

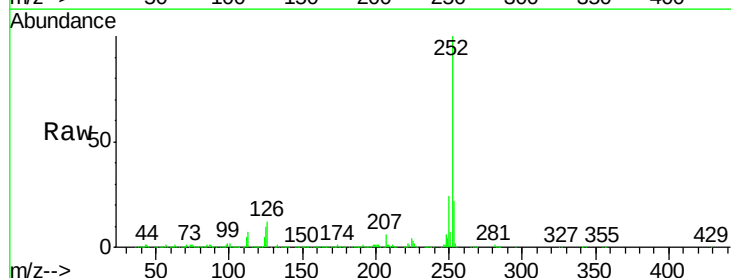
Tgt Ion:252 Resp: 2596910

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.5	7.8	11.8

252 100

253 22.0 17.4 26.2

125 9.5 7.8 11.8

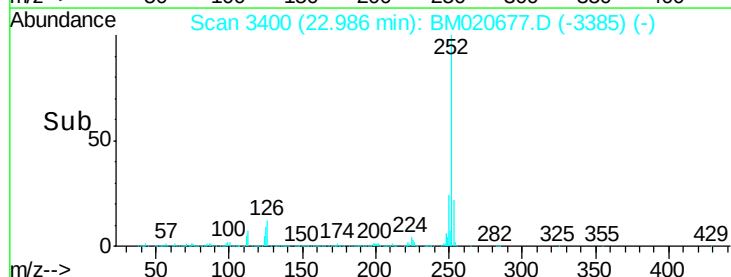
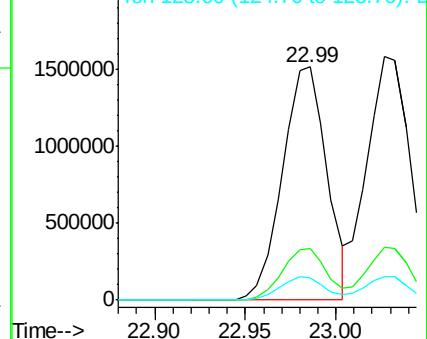


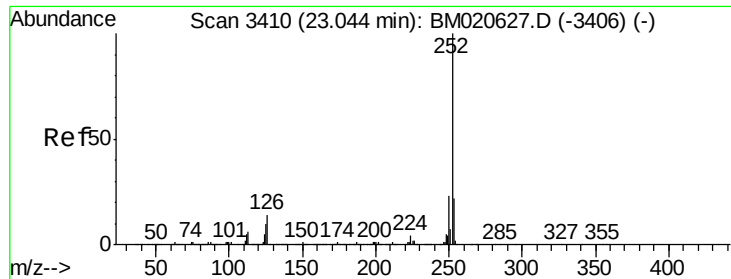
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.386 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.02 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion:252 Resp: 2636463

Ion Ratio Lower Upper

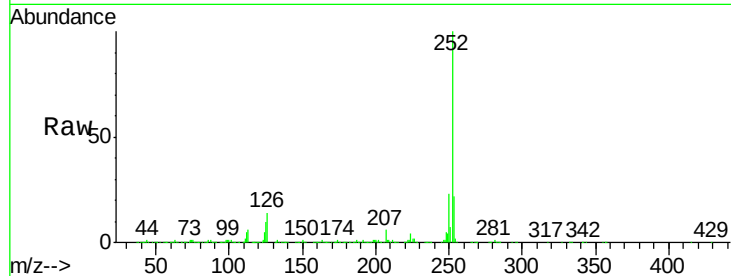
252 100

253 21.8 17.4 26.2

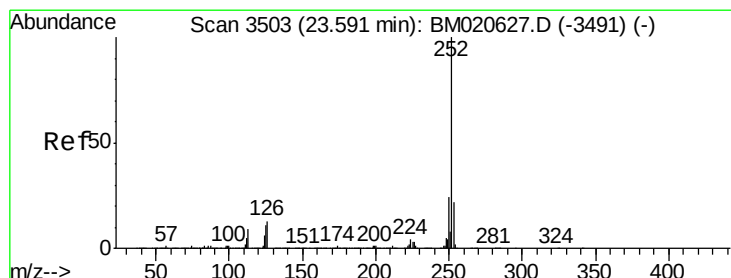
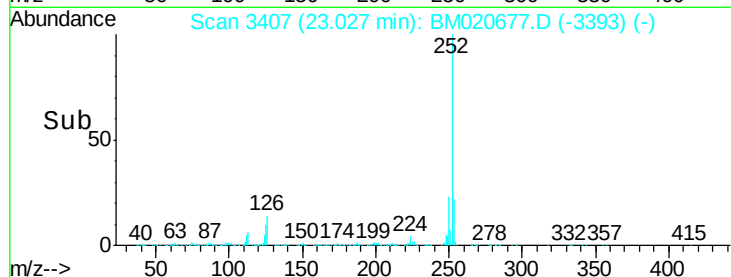
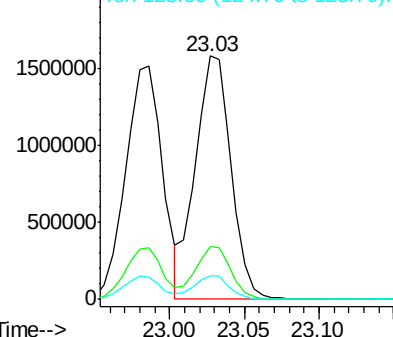
125 9.9 7.8 11.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.288 ng

RT: 23.57 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

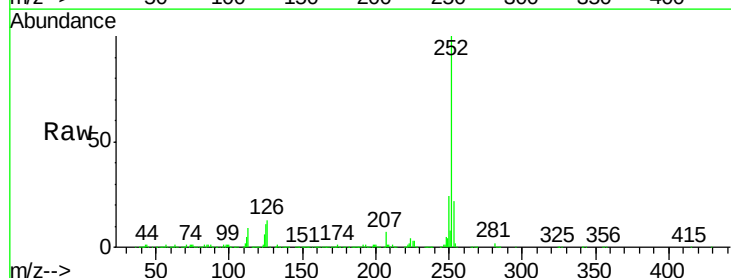
Tgt Ion:252 Resp: 2568306

Ion Ratio Lower Upper

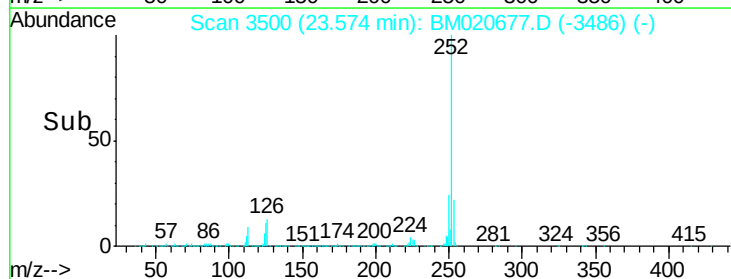
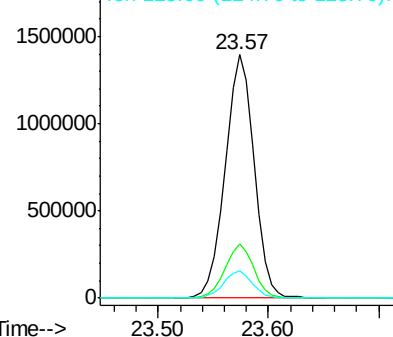
252 100

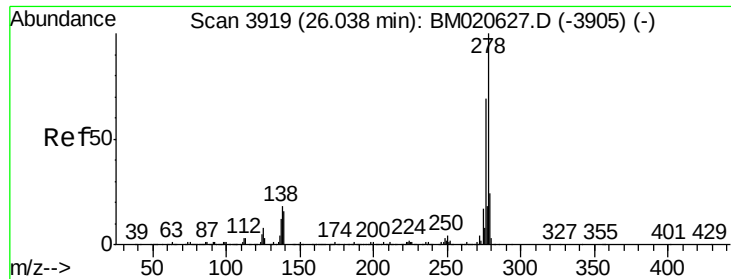
253 22.3 17.5 26.3

125 11.0 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.962 ng

RT: 26.01 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

Instrument :

BNA_M

ClientSampleId :

PB120221BSD

Tot Ion:278 Resp: 2718889

Ion Ratio Lower Upper

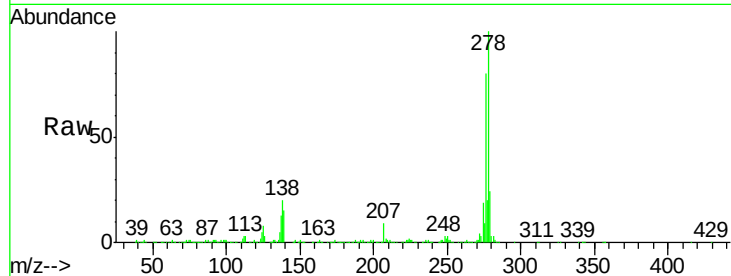
278 100

139 15.2 12.6 18.8

279 24.0 19.0 28.6

Manual Integrations
APPROVED

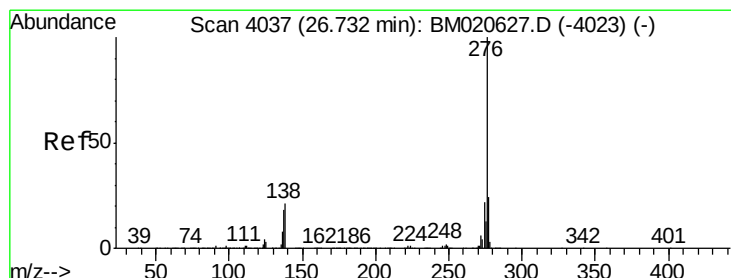
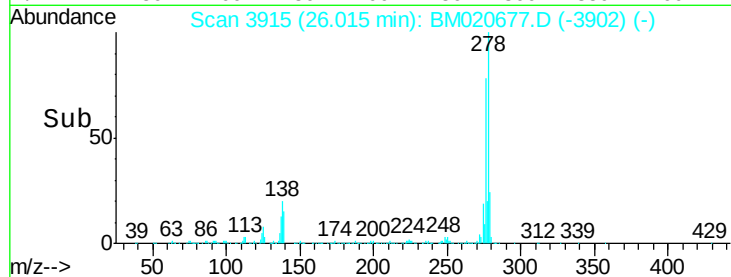
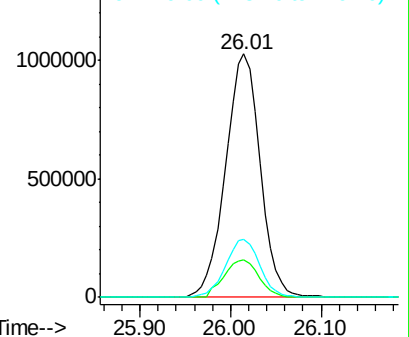
mohammad
6/5/2019 8:46:07 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.845 ng

RT: 26.71 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020677.D

Acq: 03 Jun 2019 18:53

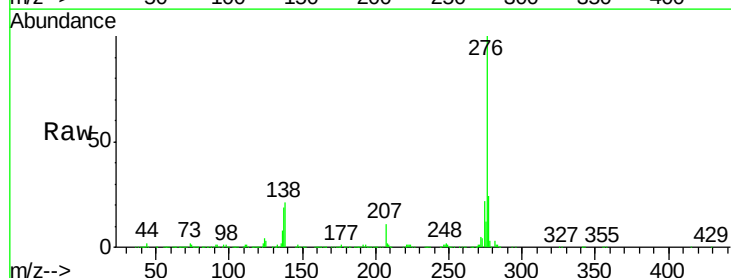
Tgt Ion:276 Resp: 2633621

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 21.0 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

