

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020700.D
 Acq On : 04 Jun 2019 11:18
 Operator : HP/JU
 Sample : PB120177BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Manual Integrations
 APPROVED

mohammad
 6/5/2019 8:46:26 AM

Quant Time: Jun 04 13:15:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	300039	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1163350	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	585295	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1118299	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1037811	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1081363	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1413572	82.87	ng	0.00
7) Phenol-d6	6.99	99	1852877	73.77	ng	0.00
23) Nitrobenzene-d5	8.99	82	1630777	72.63	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	561716	77.46	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	3394807	77.11	ng	-0.01
79) Terphenyl-d14	19.83	244	3865685	62.30	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	292577	41.896	ng	97
3) Pyridine	3.74	79	747920	33.662	ng	99
4) n-Nitrosodimethylamine	3.66	42	342001	35.707	ng	96
6) Aniline	7.16	93	874230	24.057	ng	98
8) 2-Chlorophenol	7.39	128	856027	40.342	ng	97
9) Benzaldehyde	6.97	77	26477	Below Cal		92
10) Phenol	7.02	94	1042113	38.503	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	784579	36.374	ng	97
12) 1,3-Dichlorobenzene	7.72	146	903159	37.034	ng	98
13) 1,4-Dichlorobenzene	7.86	146	923583	37.253	ng	99
14) 1,2-Dichlorobenzene	8.17	146	881486	36.536	ng	100
15) Benzyl Alcohol	8.06	79	754582	33.962	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1072290	32.199	ng	99
17) 2-Methylphenol	8.26	107	693548	36.441	ng	97
18) Hexachloroethane	8.90	117	338573	35.669	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	641697	31.785	ng	97
20) 3+4-Methylphenols	8.59	107	909943	35.140	ng	97
22) Acetophenone	8.65	105	1185492	40.114	ng	# 96
24) Nitrobenzene	9.03	77	934337	40.762	ng	99
25) Isophorone	9.55	82	1659805	37.162	ng	100
26) 2-Nitrophenol	9.73	139	405874	47.510	ng	98
27) 2,4-Dimethylphenol	9.79	122	729684	45.583	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1009758	37.391	ng	99
29) 2,4-Dichlorophenol	10.26	162	749536	42.321	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	827059	40.612	ng	99
31) Naphthalene	10.67	128	2455292	41.042	ng	100
32) Benzoic acid	9.92	122	447743m	44.818	ng	
33) 4-Chloroaniline	10.78	127	420204	15.093	ng	97
34) Hexachlorobutadiene	10.95	225	478999	39.201	ng	99
35) Caprolactam	11.56	113	210757m	34.254	ng	
36) 4-Chloro-3-methylphenol	11.90	107	763460	37.076	ng	99
37) 2-Methylnaphthalene	12.28	142	1747697	39.414	ng	99
38) 1-Methylnaphthalene	12.50	142	1647785	39.026	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	868087	45.258	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	979203	85.360	nq	99
43) 2,4,6-Trichlorophenol	12.89	196	553793	44.855	nq	97
44) 2,4,5-Trichlorophenol	12.96	196	585649	45.947	nq	96
46) 1,1'-Biphenyl	13.29	154	2163409	44.258	nq	99
47) 2-Chloronaphthalene	13.33	162	1661591	42.117	nq	99
48) 2-Nitroaniline	13.55	65	469149	37.888	nq	92
49) Acenaphthylene	14.18	152	2577271	41.868	nq	100
50) Dimethylphthalate	13.92	163	1953508	39.066	nq	99
51) 2,6-Dinitrotoluene	14.05	165	418344	41.202	nq	91
52) Acenaphthene	14.53	154	1515093	41.301	nq	99
53) 3-Nitroaniline	14.37	138	265499	23.427	nq	98
54) 2,4-Dinitrophenol	14.57	184	333064	76.590	nq	93
55) Dibenzofuran	14.86	168	2313693	40.609	nq	98
56) 4-Nitrophenol	14.67	139	662733	79.356	nq	95
57) 2,4-Dinitrotoluene	14.83	165	543745	39.996	nq	96
58) Fluorene	15.51	166	1838976	39.249	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	479062	43.132	nq	99
60) Diethylphthalate	15.29	149	1934733	37.515	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	959295	38.669	nq	98
62) 4-Nitroaniline	15.53	138	389412	32.399	nq	93
63) Azobenzene	15.80	77	1814262	36.694	nq	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	204034	41.547	nq	97
66) n-Nitrosodiphenylamine	15.72	169	1561348	43.614	nq	100
67) 4-Bromophenyl-phenylether	16.40	248	551376	41.876	nq	98
68) Hexachlorobenzene	16.50	284	627135	40.789	nq	98
69) Atrazine	16.67	200	459870	43.041	nq	100
70) Pentachlorophenol	16.85	266	717476	97.817	nq	99
71) Phenanthrene	17.25	178	2626847	41.440	nq	99
72) Anthracene	17.34	178	2650791	41.781	nq	99
73) Carbazole	17.61	167	2293867	39.842	nq	99
74) Di-n-butylphthalate	18.17	149	2876235	38.484	nq	100
75) Fluoranthene	19.26	202	2727486	38.691	nq	100
77) Benzidine	19.45	184	1031766	32.810	nq	99
78) Pyrene	19.62	202	2789911	35.031	nq	100
80) Butylbenzylphthalate	20.53	149	1137640	33.802	nq	95
81) Benzo(a)anthracene	21.37	228	2559526	35.415	nq	99
82) 3,3'-Dichlorobenzidine	21.30	252	897578	33.915	nq	99
83) Chrysene	21.42	228	2524448	36.746	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1582867	32.360	nq	99
85) Di-n-octyl phthalate	22.20	149	2627912	33.839	nq	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3603099	51.266	nq	99
88) Benzo(b)fluoranthene	22.98	252	2823445	39.504	nq	100
89) Benzo(k)fluoranthene	23.03	252	2750868	39.385	nq	100
90) Benzo(a)pyrene	23.57	252	2775529	42.814	nq	100
91) Dibenzo(a,h)anthracene	26.01	278	3028577	48.153	nq	99
92) Benzo(g,h,i)perylene	26.71	276	2937301	50.279	nq	99

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

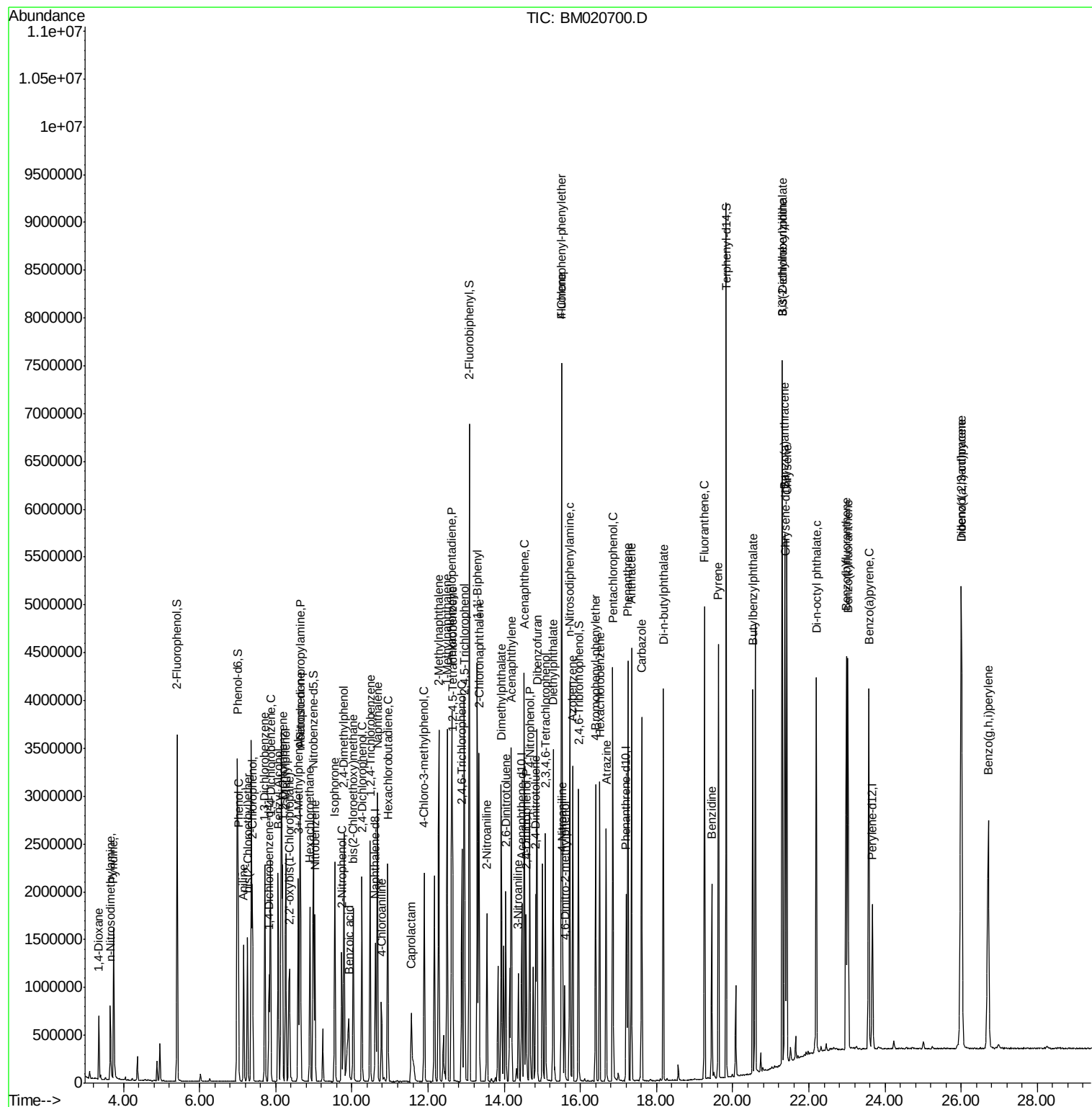
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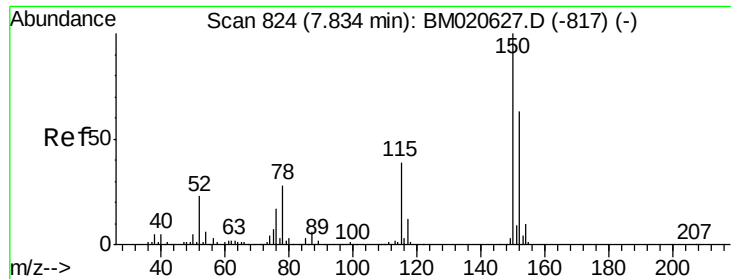
Instrument :
BNA_M
ClientSampleId :
PB120177BS

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#1

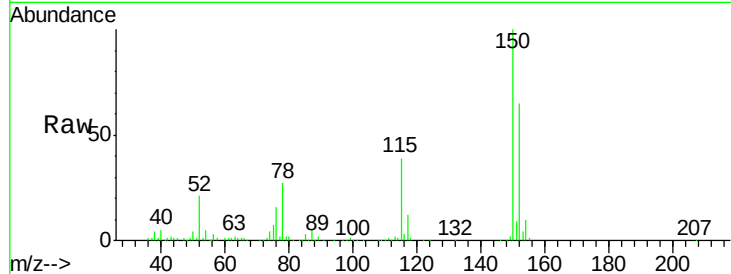
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.0	189.0
115	59.2	49.6	74.4

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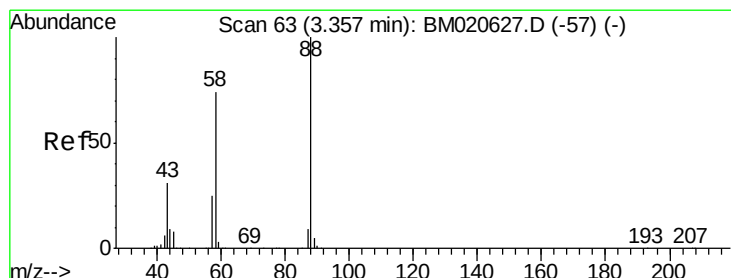
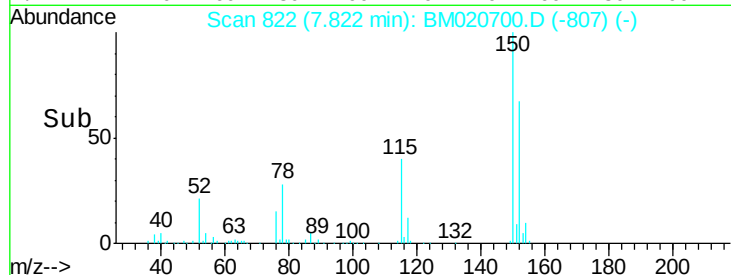
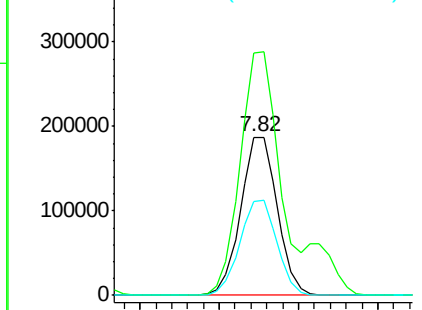


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

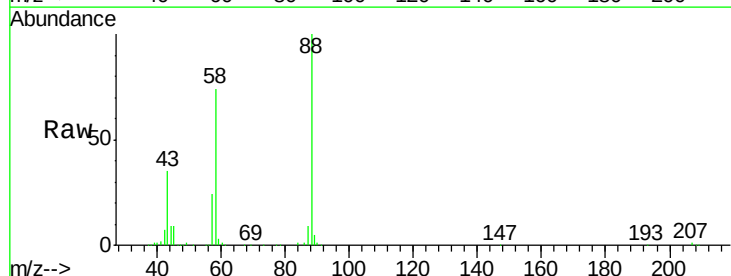
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.896 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	60.2	90.4
43	30.4	25.3	37.9

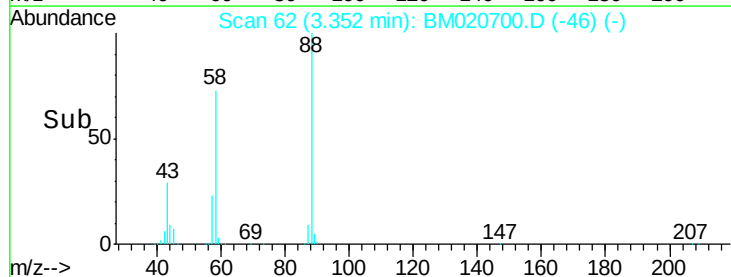
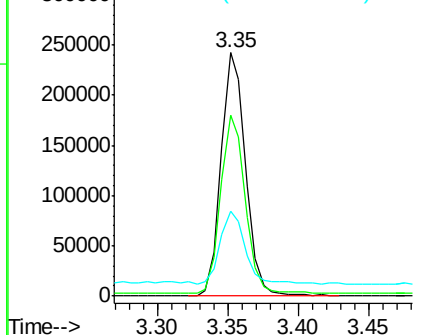


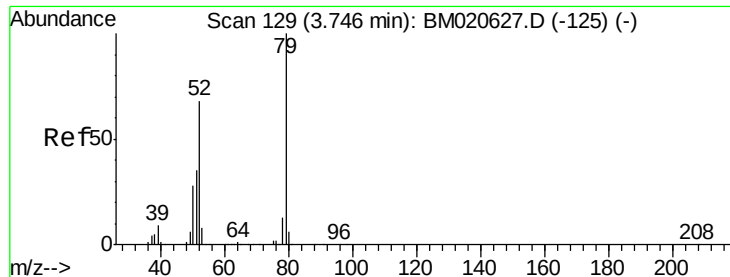
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 33.662 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

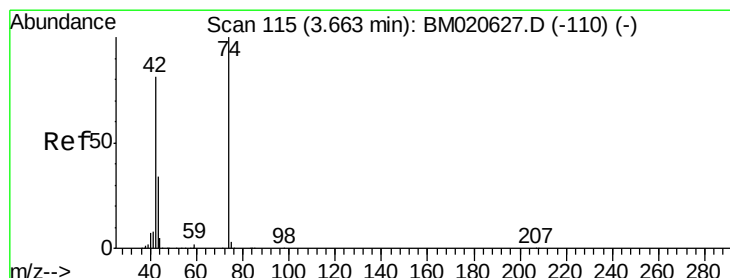
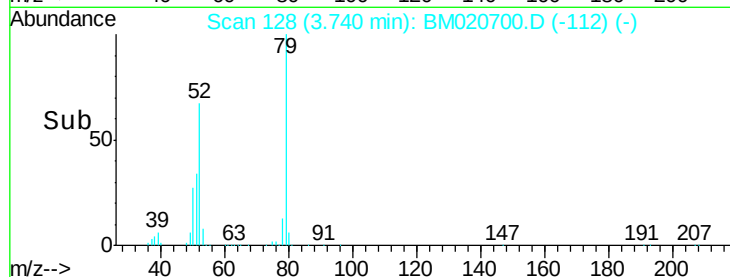
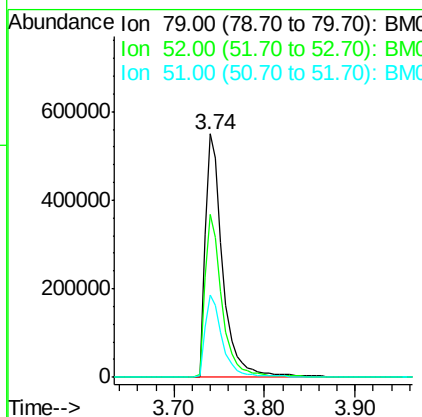
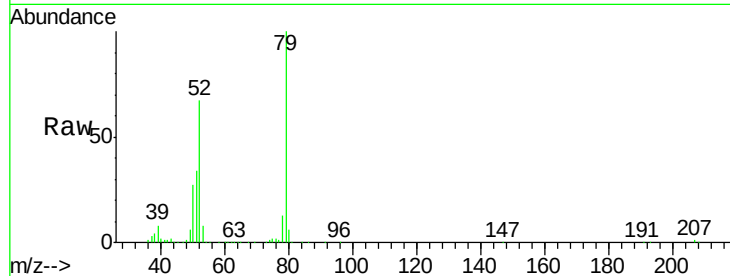
ClientSampleId :

PB120177BS

Tot Ion:	79	Resp:	747920
Ion Ratio	Lower	Upper	
79	100		
52	67.0	54.1	81.1
51	34.0	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 35.707 ng

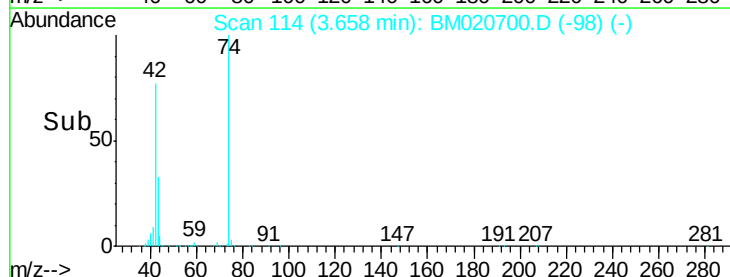
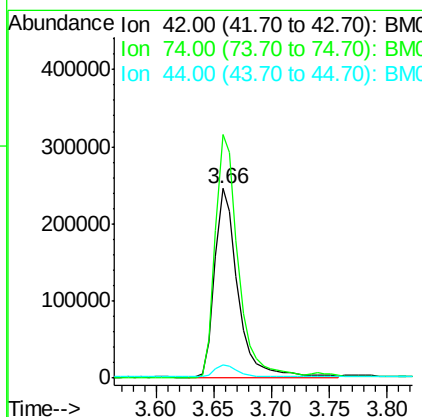
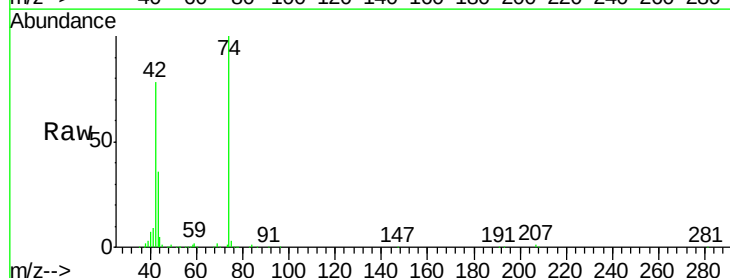
RT: 3.66 min Scan# 114

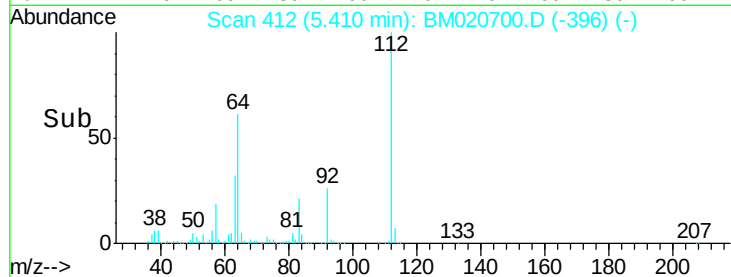
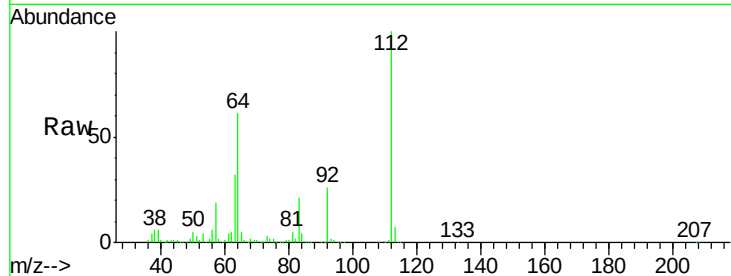
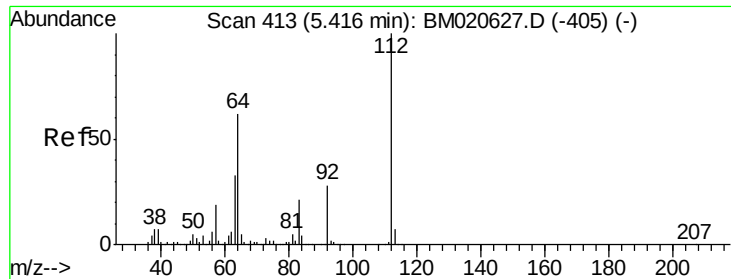
Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion:	42	Resp:	342001
Ion Ratio	Lower	Upper	
42	100		
74	128.6	99.4	149.0
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 82.875 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tot Ion:	112	Resp:	1413572
Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.7	74.5
63	31.8	26.4	39.6

Instrument :

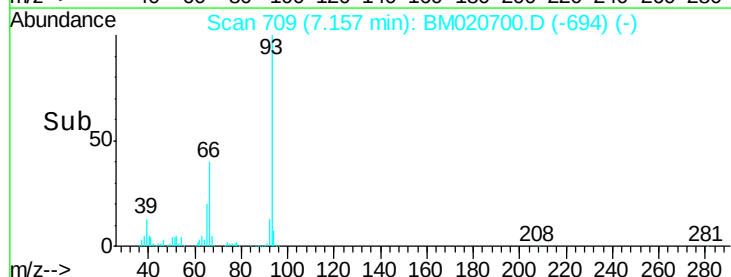
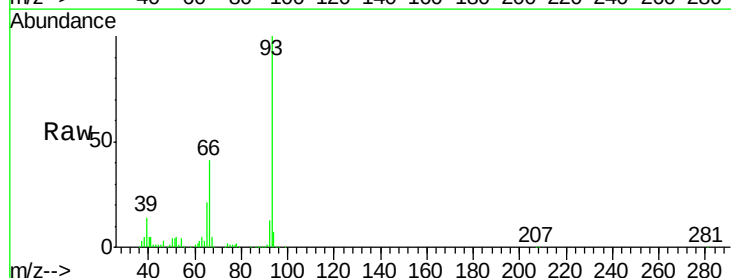
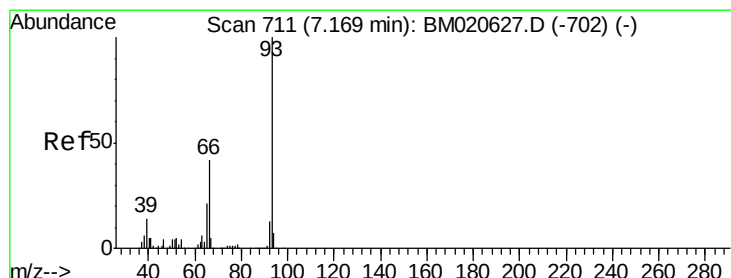
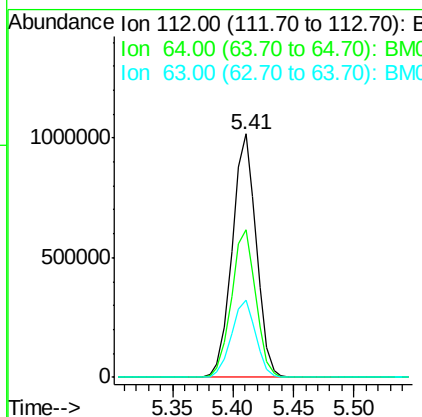
BNA_M

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#6

Aniline

Concen: 24.057 ng

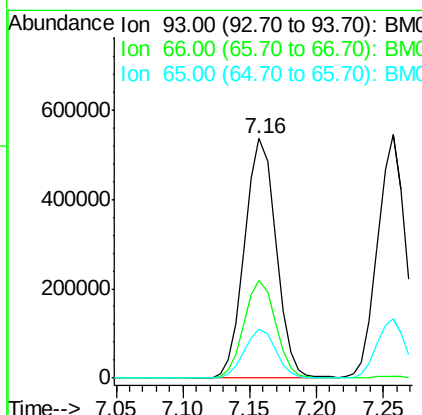
RT: 7.16 min Scan# 709

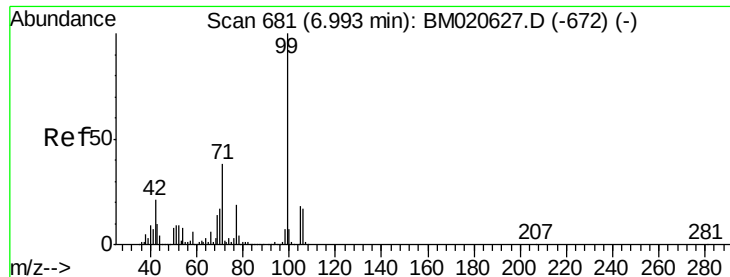
Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion:	93	Resp:	874230
Ion	Ratio	Lower	Upper
93	100		
66	40.6	33.6	50.4
65	20.5	16.7	25.1





#7

Phenol-d6

Concen: 73.775 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion: 99 Resp: 1852877

Ion Ratio Lower Upper

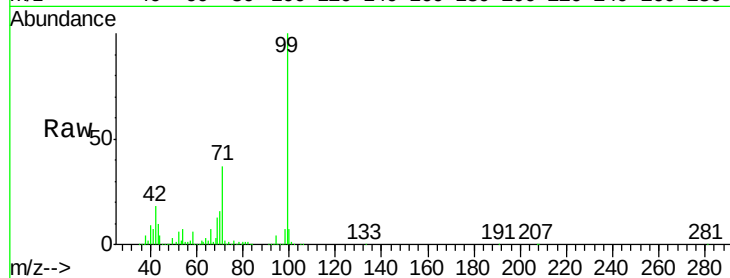
99 100

42 18.5 16.5 24.7

71 36.8 30.7 46.1

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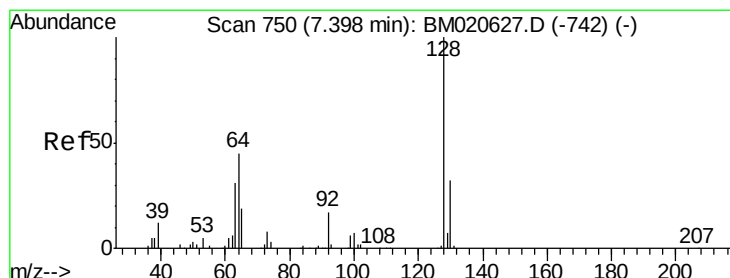
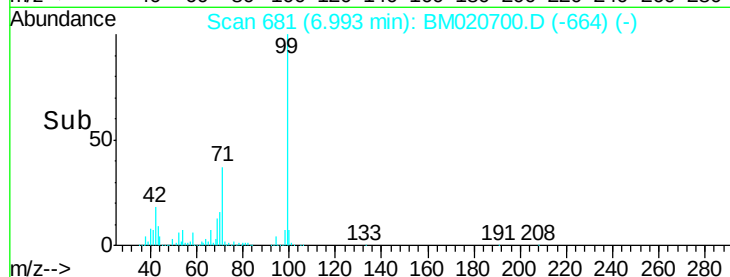
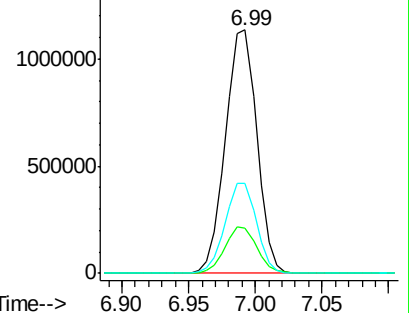
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Abundance Ion 99.00 (98.70 to 99.70): BM020700.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020700.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020700.D (-664) (-)



#8

2-Chlorophenol

Concen: 40.342 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

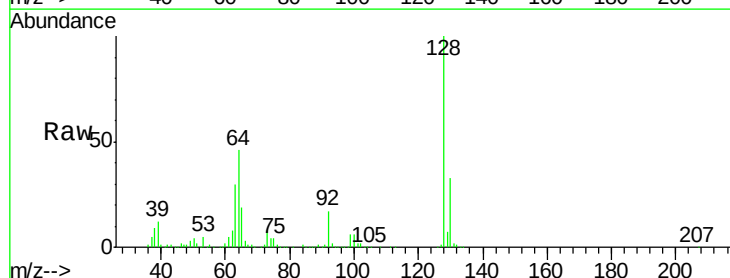
Tgt Ion: 128 Resp: 856027

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

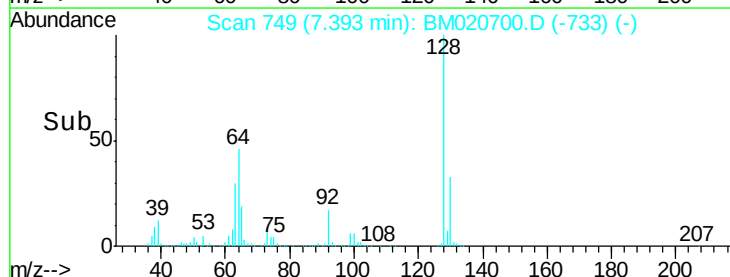
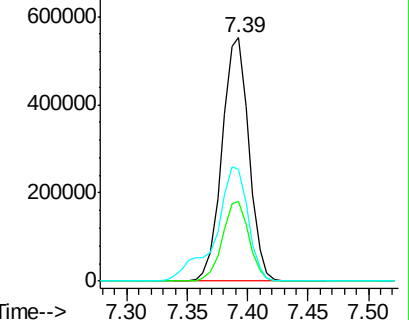
64 46.1 29.1 69.1

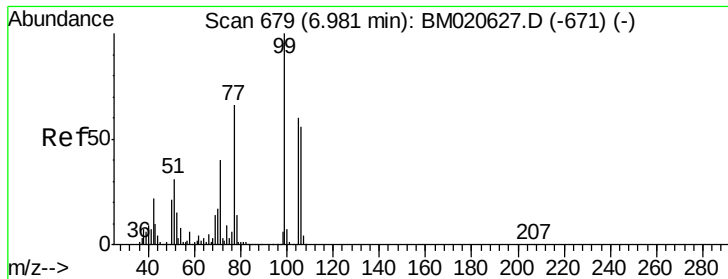


Abundance Ion 128.00 (127.70 to 128.70): BM020700.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020700.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020700.D (-733) (-)





#9

Benzaldehyde

Concen: Below Cal

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

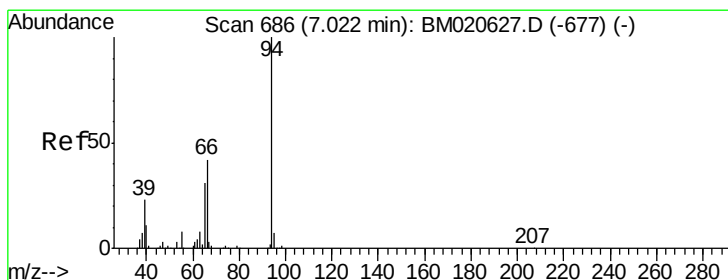
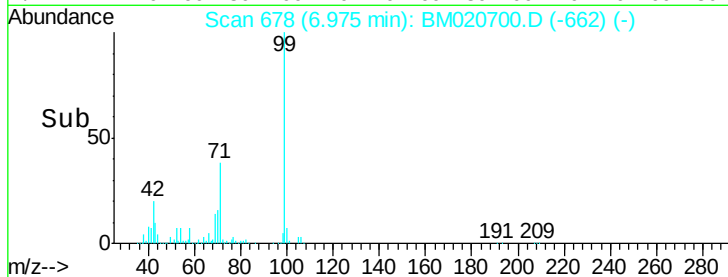
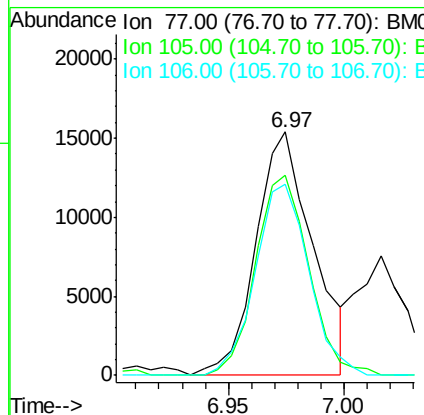
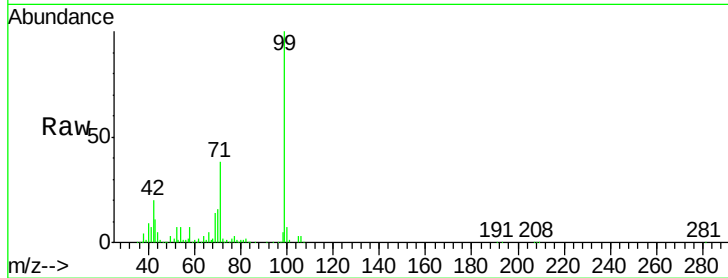
ClientSampleId :

PB120177BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		26477		
105	82.0	70.6	110.6		
106	78.6	64.9	104.9		

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#10

Phenol

Concen: 38.503 ng

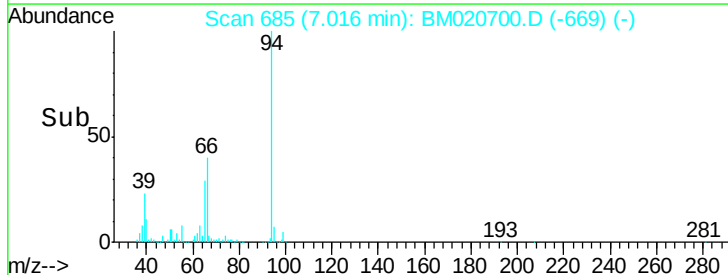
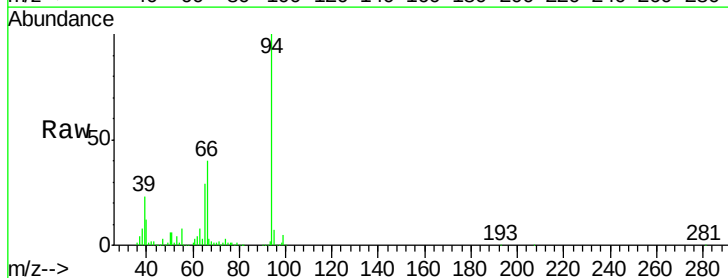
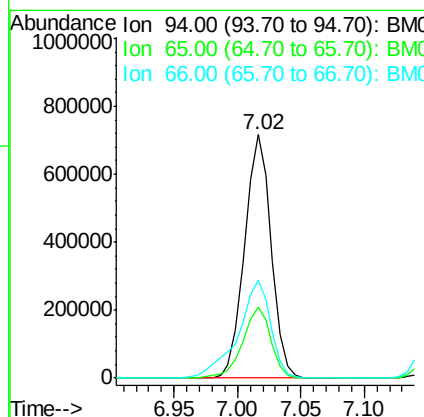
RT: 7.02 min Scan# 685

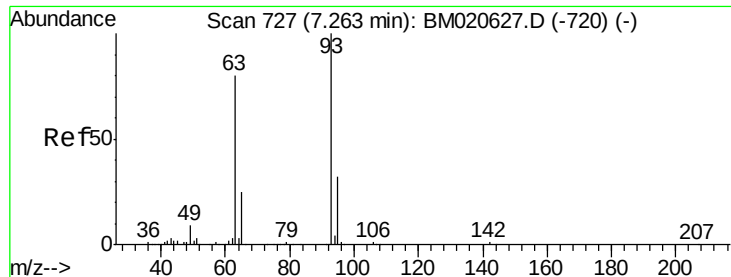
Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		1042113		
65	29.1	10.7	50.7		
66	40.3	22.3	62.3		





#11

bis(2-Chloroethyl)ether

Concen: 36.374 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

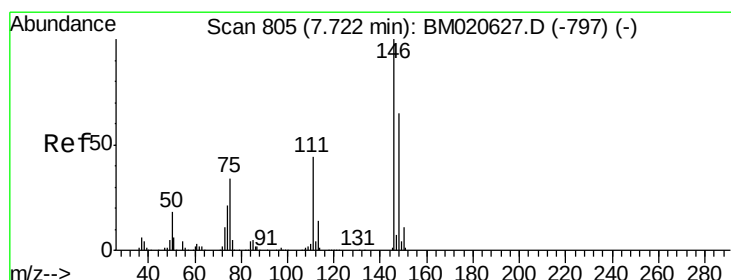
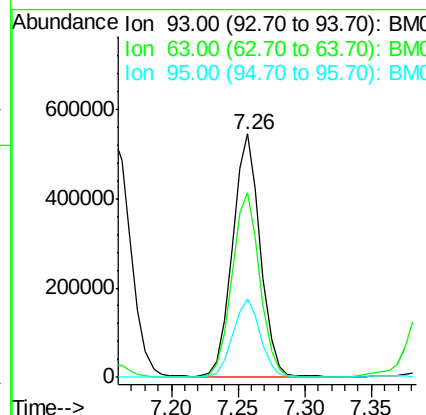
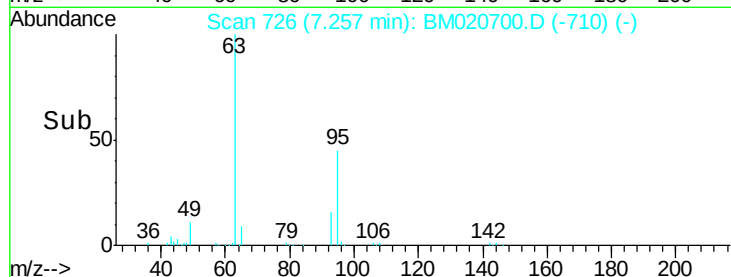
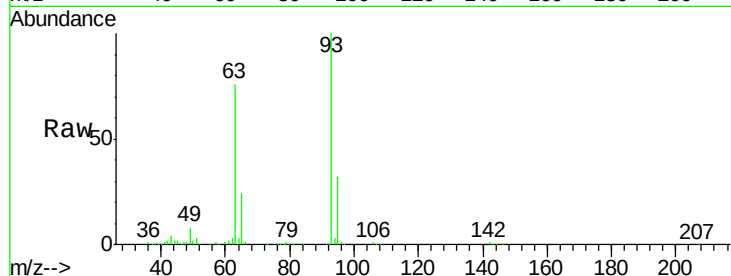
ClientSampleId :

PB120177BS

Tot Ion:	93	Resp:	784579
Ion	Ratio	Lower	Upper
93	100		
63	75.9	60.0	100.0
95	32.4	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 37.034 ng

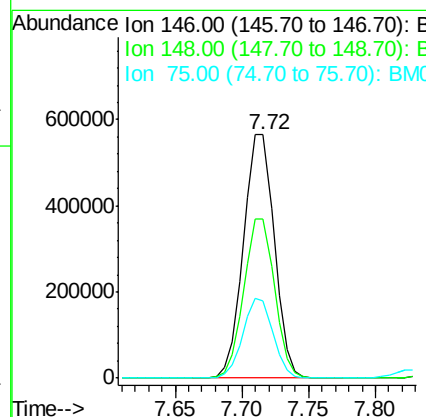
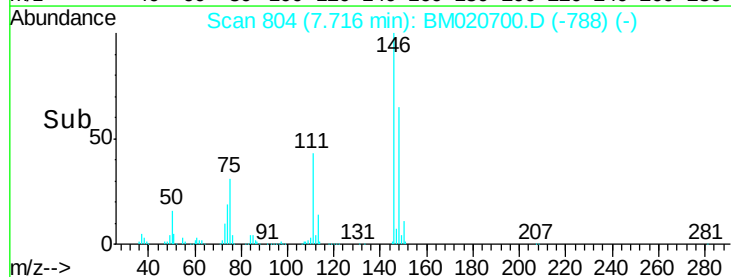
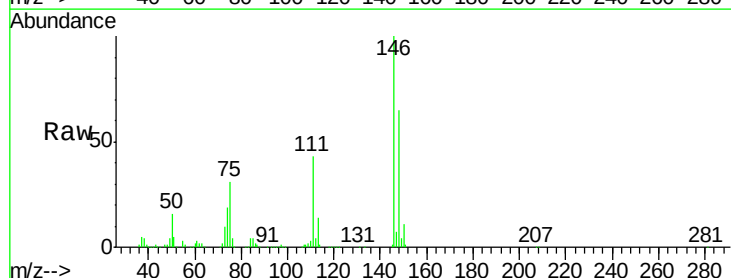
RT: 7.72 min Scan# 804

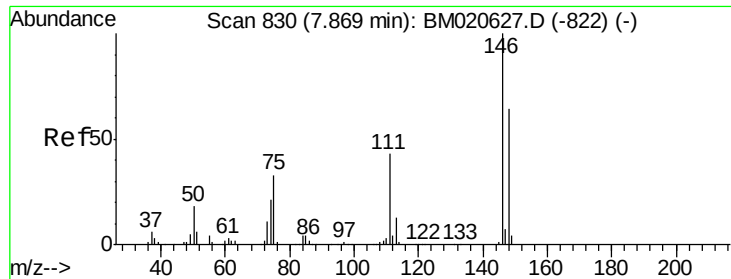
Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion:	146	Resp:	903159
Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.0	78.0
75	31.5	27.0	40.4





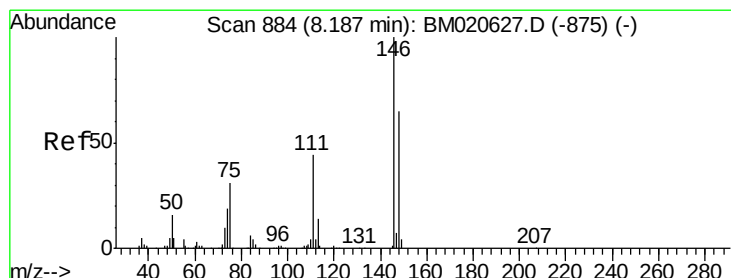
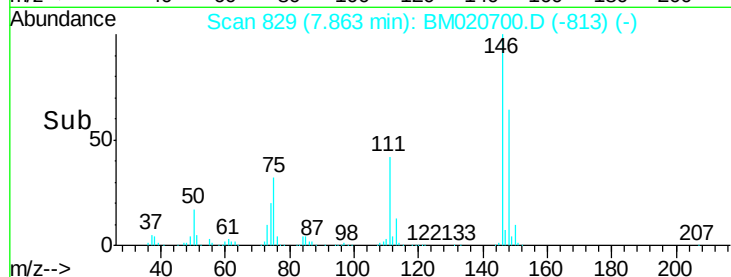
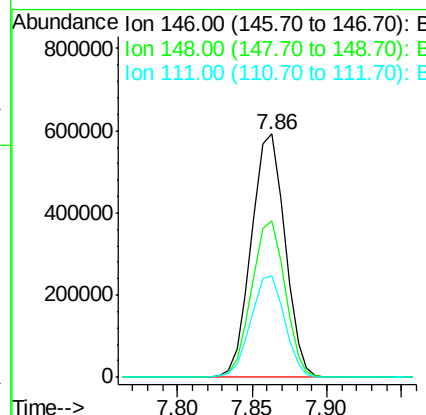
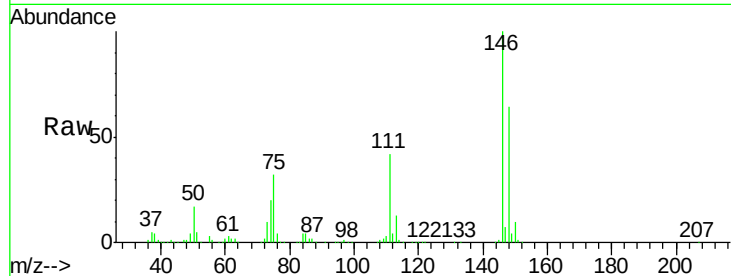
#13
 1,4-Dichlorobenzene
 Concen: 37.253 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.4
111	41.6	34.4	51.6

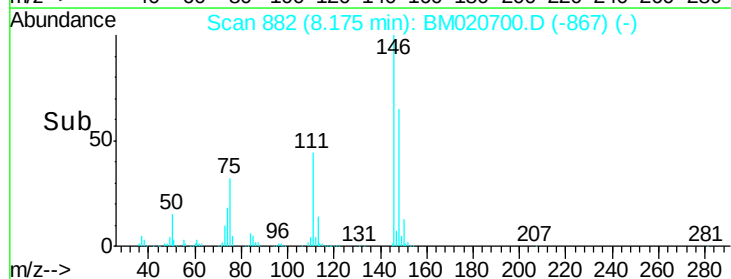
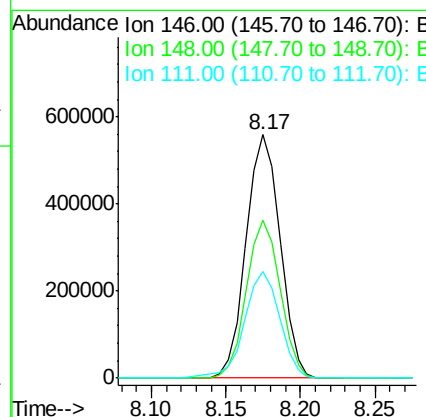
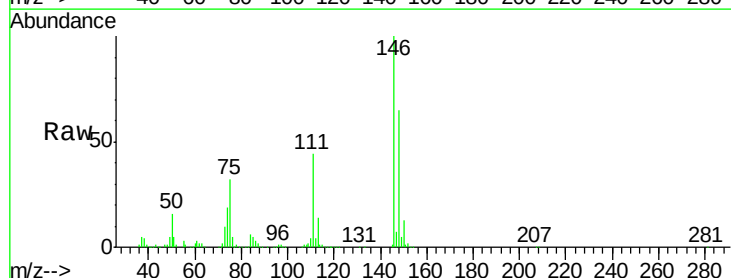
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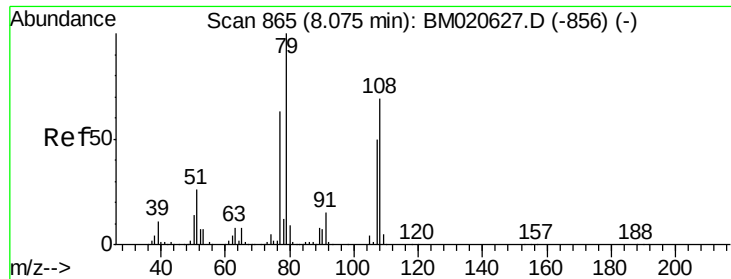
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#14
 1,2-Dichlorobenzene
 Concen: 36.536 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	43.8	35.1	52.7





#15

Benzyl Alcohol

Concen: 33.962 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

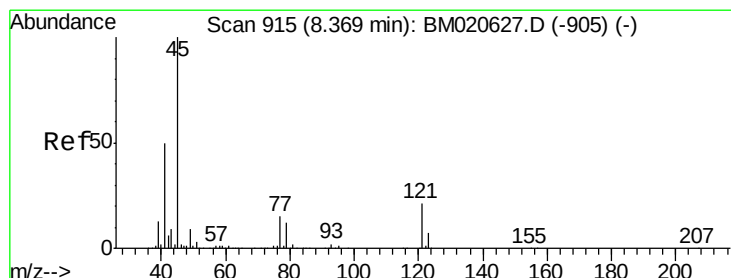
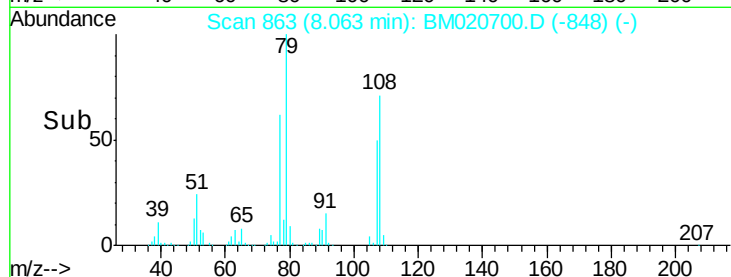
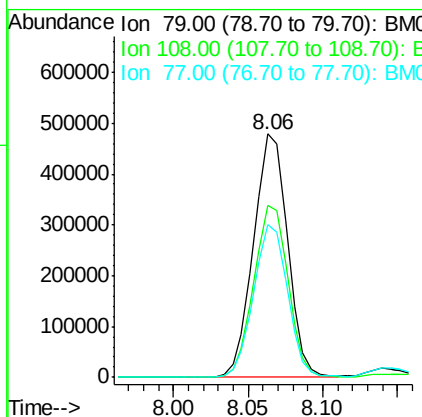
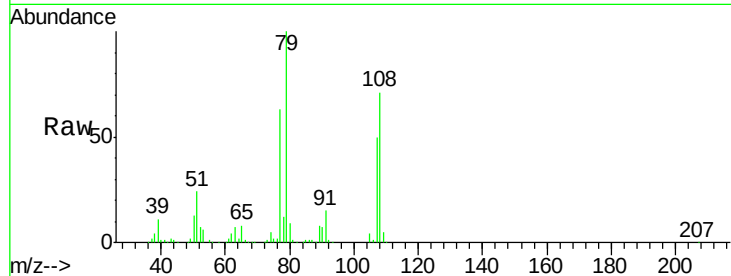
ClientSampleId :

PB120177BS

Tot Ion:	79	Resp:	754582
Ion	Ratio	Lower	Upper
79	100		
108	70.6	54.9	82.3
77	62.5	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.199 ng

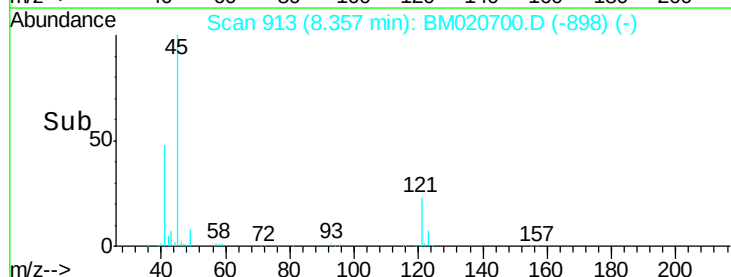
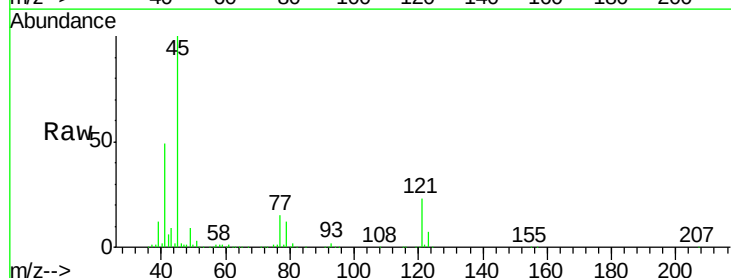
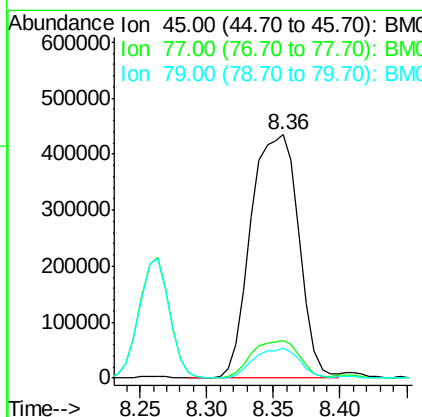
RT: 8.36 min Scan# 913

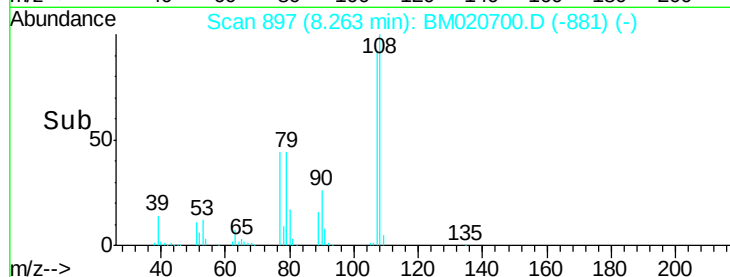
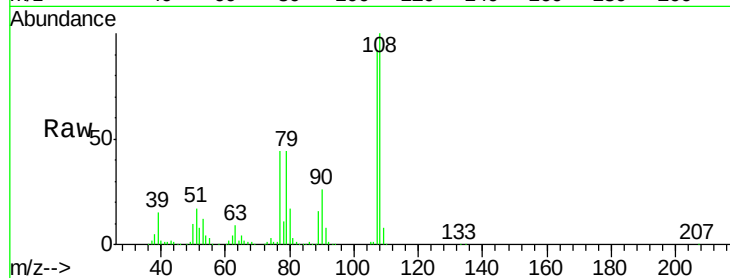
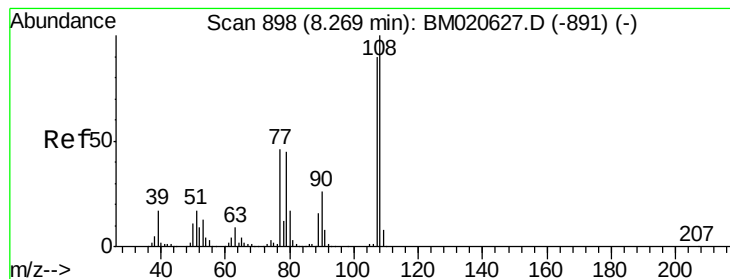
Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion:	45	Resp:	1072290
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.9
79	12.1	0.0	31.8





#17

2-Methylphenol

Concen: 36.441 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tot Ion	107	Resp	693548
Ion Ratio	Lower	Upper	
107	100		
108	109.1	88.6	133.0
77	48.2	40.6	61.0
79	47.6	39.9	59.9

Instrument :

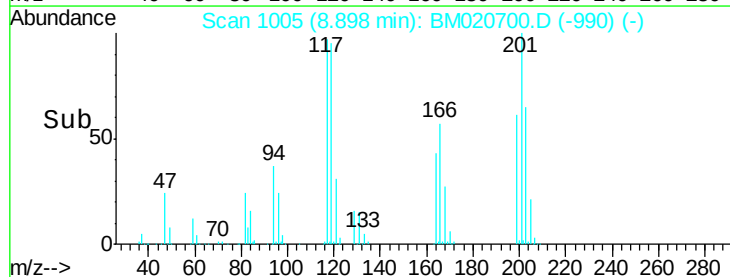
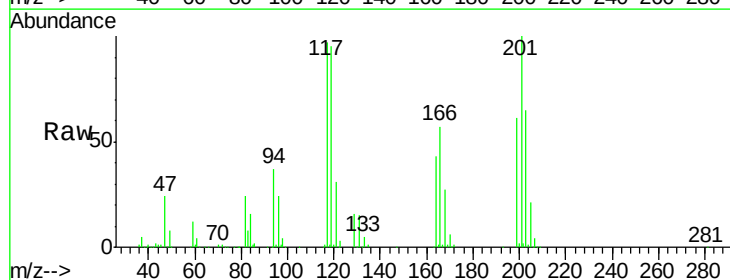
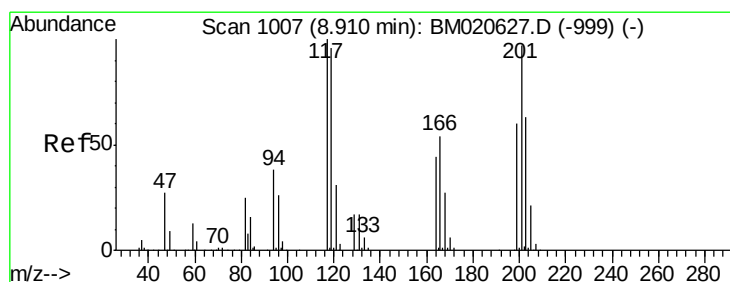
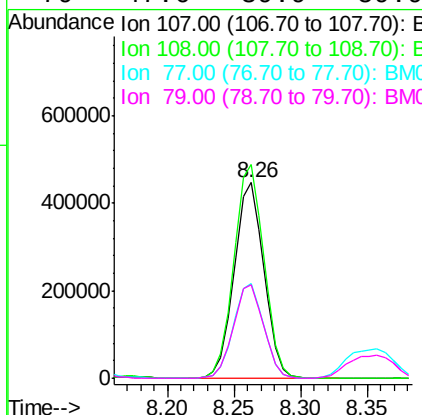
BNA_M

ClientSampleId :

PB120177BS

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#18

Hexachloroethane

Concen: 35.669 ng

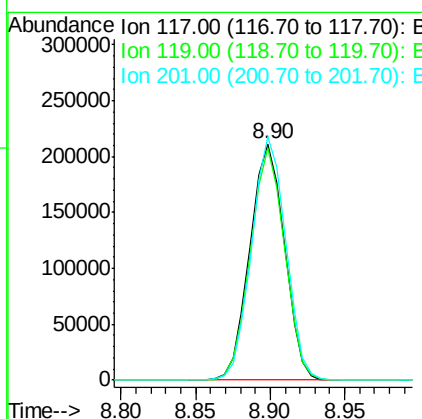
RT: 8.90 min Scan# 1005

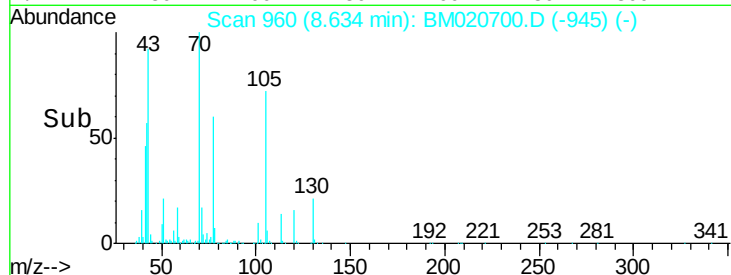
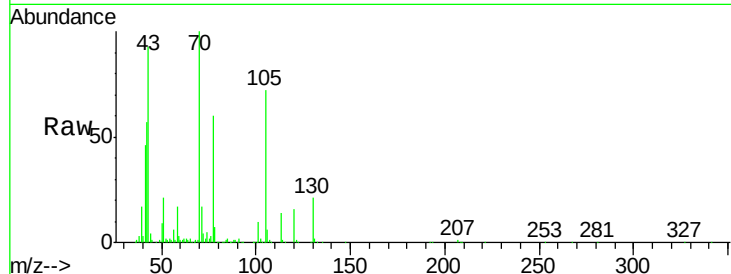
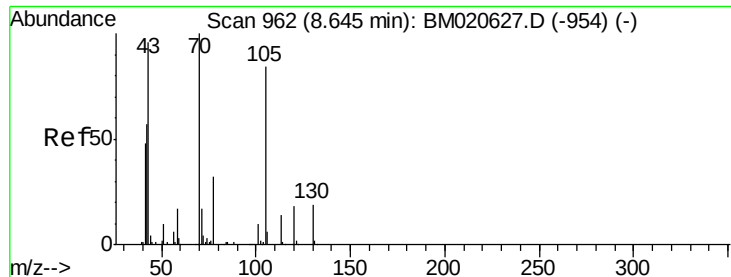
Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

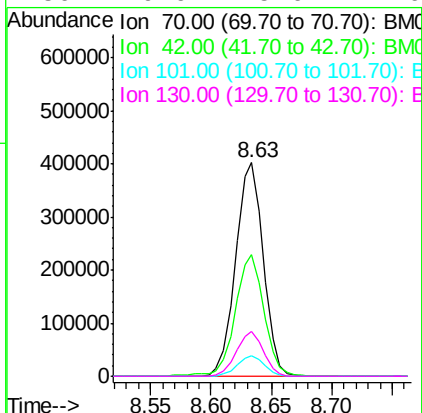
Tgt Ion	117	Resp	338573
Ion Ratio	Lower	Upper	
117	100		
119	98.3	76.7	115.1
201	103.0	77.9	116.9





#19
n-Nitroso-di-n-propylamine
Concen: 31.785 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

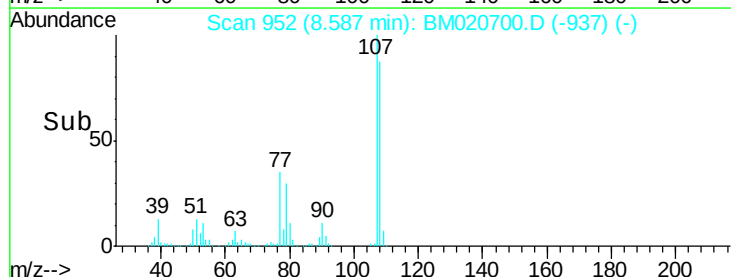
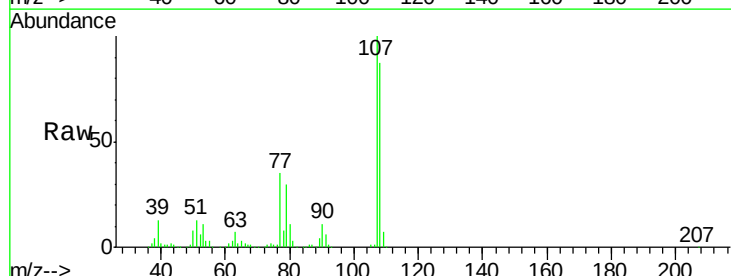
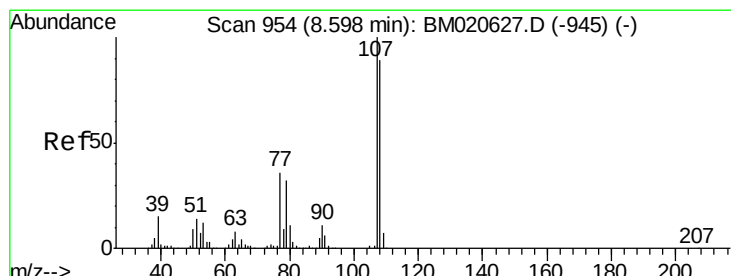
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.8	46.8	70.2	
101	9.6	7.8	11.6	
130	20.9	15.0	22.6	



Instrument :
BNA_M
ClientSampleId :
PB120177BS

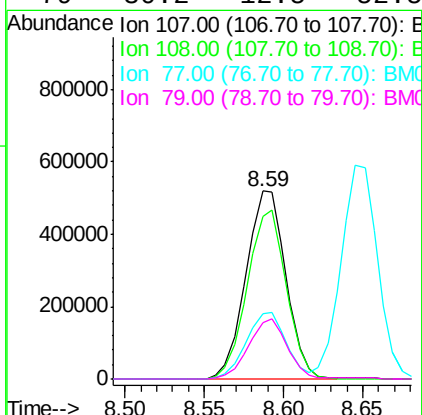
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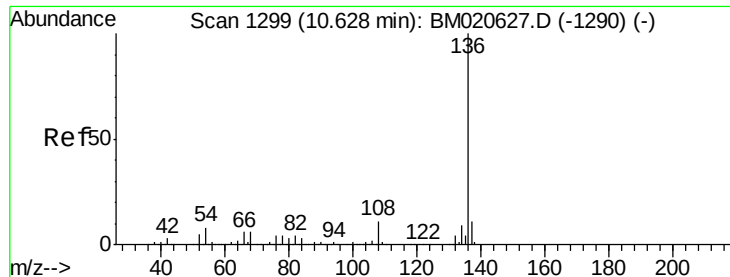
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#20
3+4-Methylphenols
Concen: 35.140 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	69.2	109.2	
77	34.8	16.2	56.2	
79	30.2	12.5	52.5	





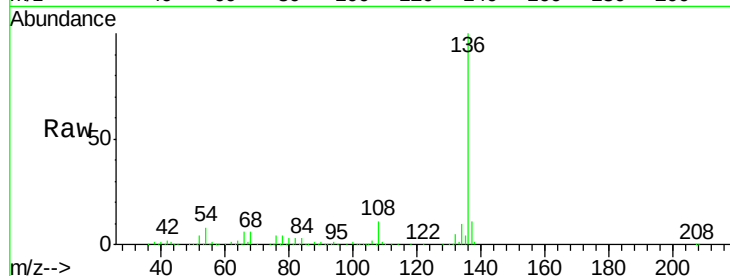
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

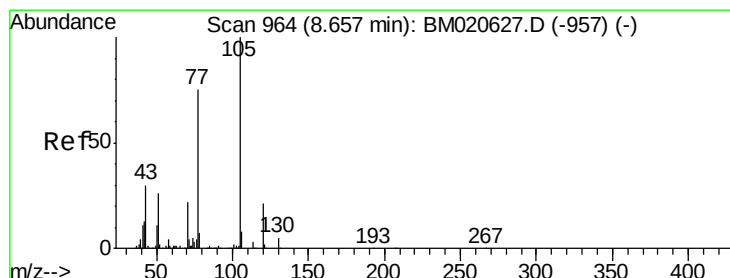
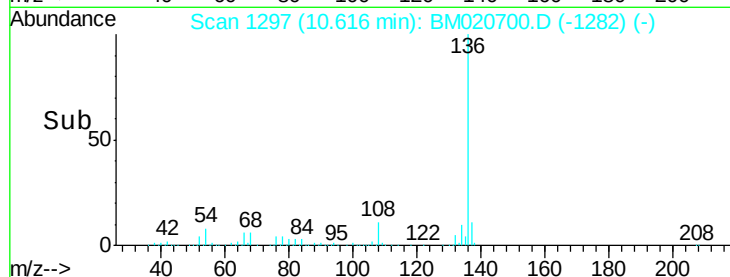
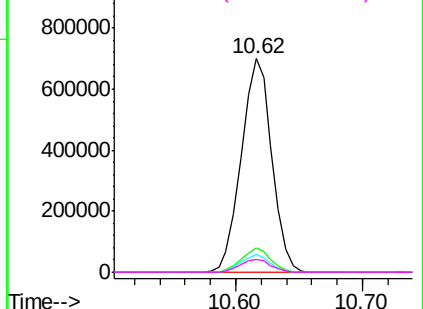
Tot Ion	136	Resp	1163350
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	6.6	10.0
68	6.0	5.1	7.7

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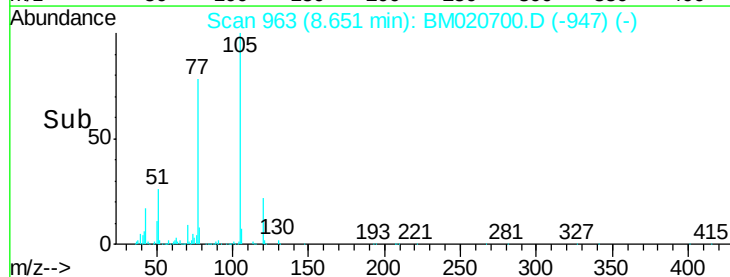
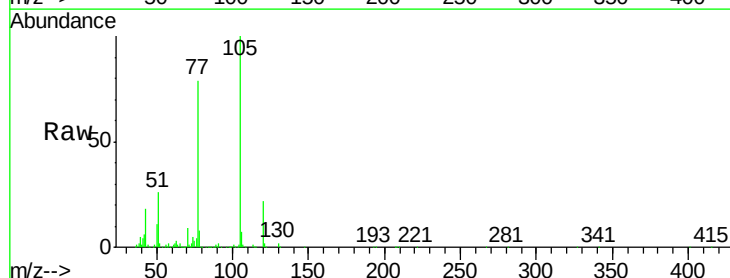
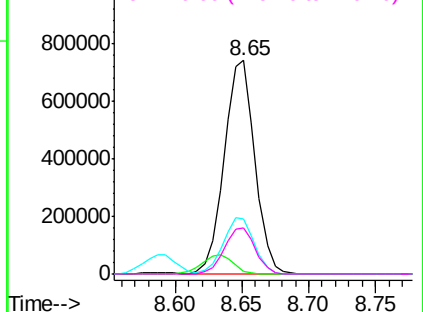
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

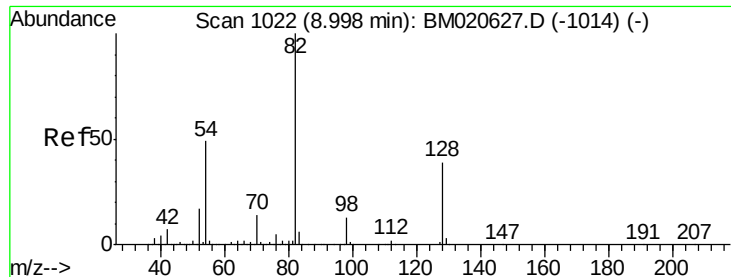


#22
Acetophenone
Concen: 40.114 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	105	Resp	1185492
Ion	Ratio	Lower	Upper
105	100		
71	1.5	3.2	4.8#
51	25.8	22.8	34.2
120	21.7	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





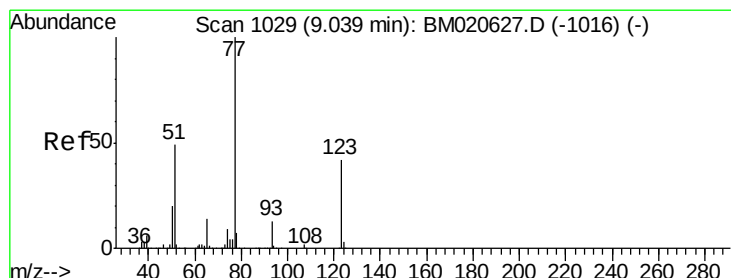
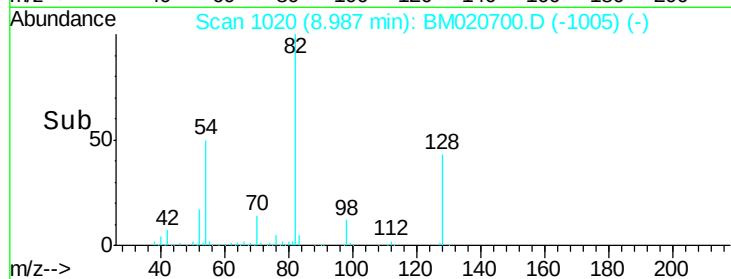
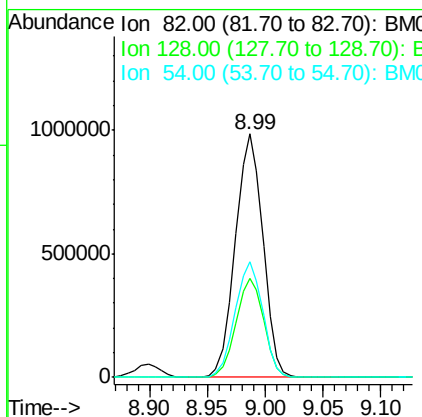
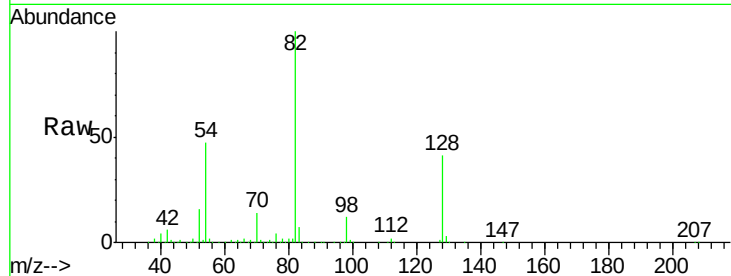
#23
 Nitrobenzene-d5
 Concen: 72.629 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.5	47.3
54	47.4	39.4	59.0

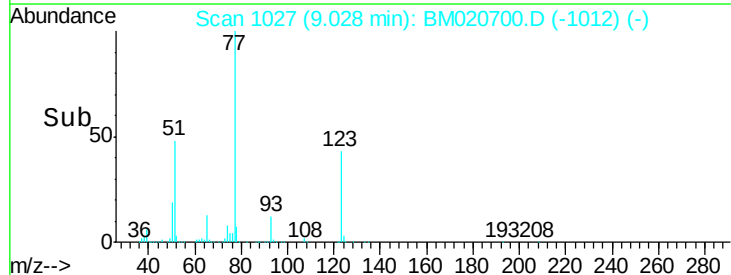
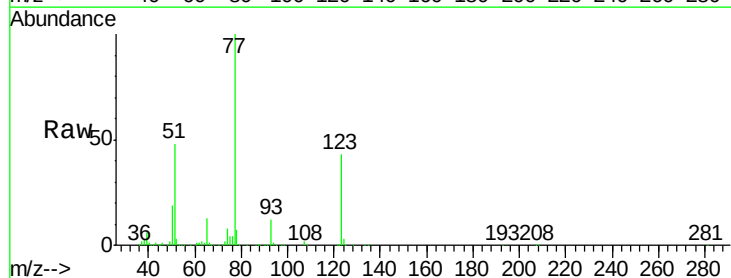
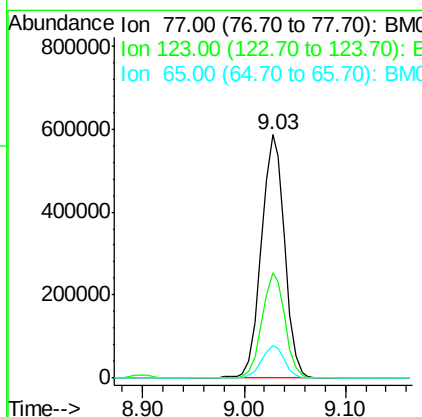
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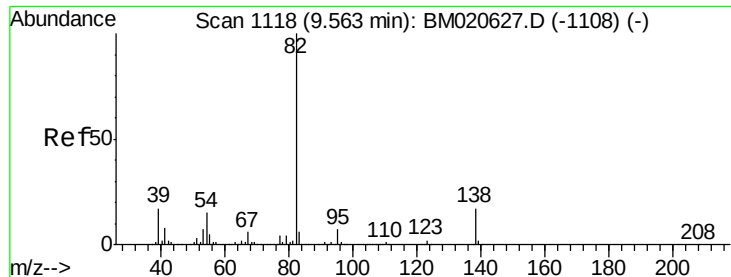
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#24
 Nitrobenzene
 Concen: 40.762 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	33.7	50.5
65	13.5	11.0	16.6





#25

Isophorone

Concen: 37.162 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

ClientSampled :

PB120177BS

Tot Ion: 82 Resp: 1659805

Ion Ratio Lower Upper

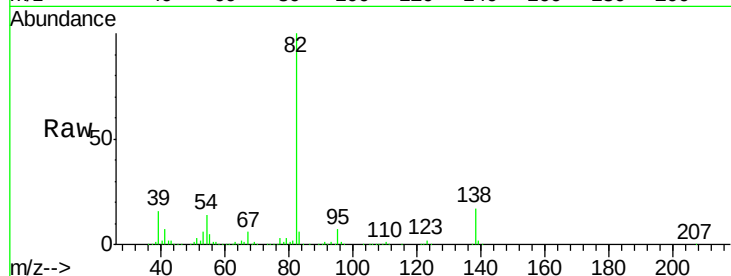
82 100

95 7.4 5.8 8.8

138 17.3 13.8 20.8

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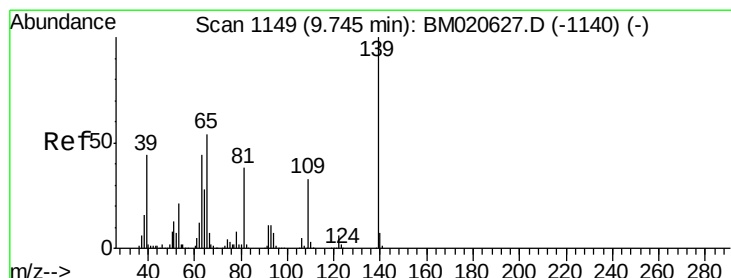
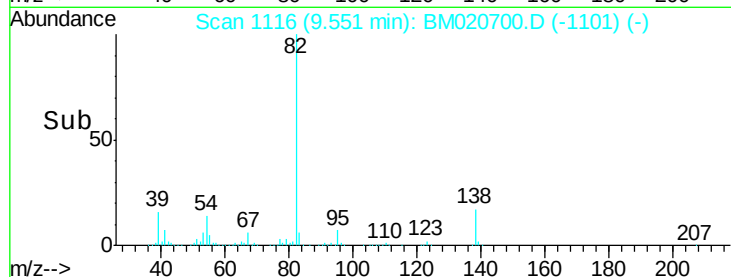
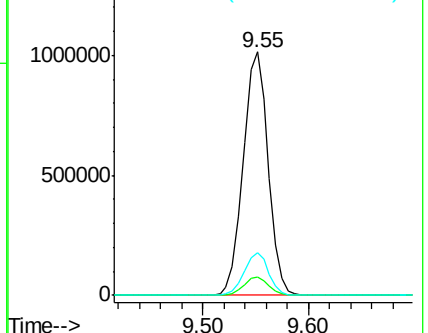
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Abundance Ion 82.00 (81.70 to 82.70): BM020700.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020700.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020700.D (-1116) (-)



#26

2-Nitrophenol

Concen: 47.510 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

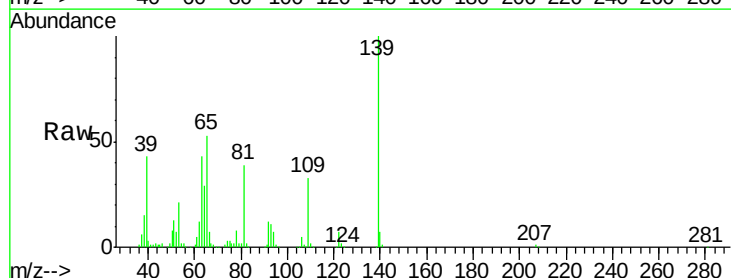
Tgt Ion: 139 Resp: 405874

Ion Ratio Lower Upper

139 100

109 33.5 26.1 39.1

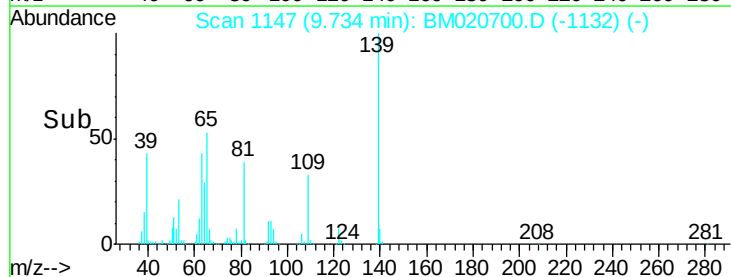
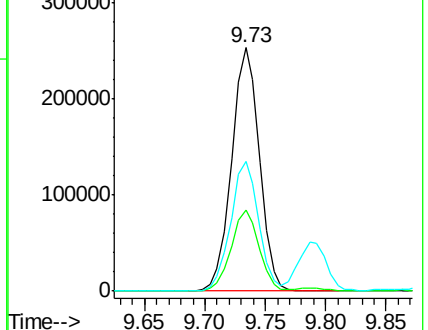
65 53.0 43.4 65.0

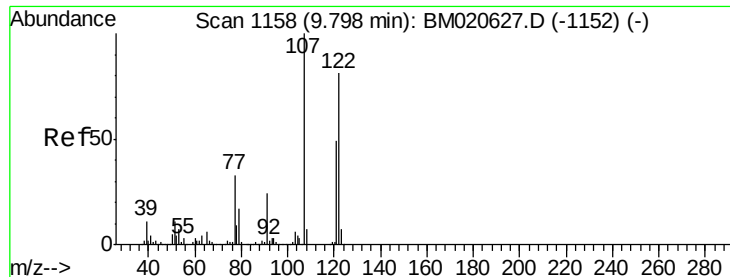


Abundance Ion 139.00 (138.70 to 139.70): BM020700.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020700.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020700.D (-1147) (-)





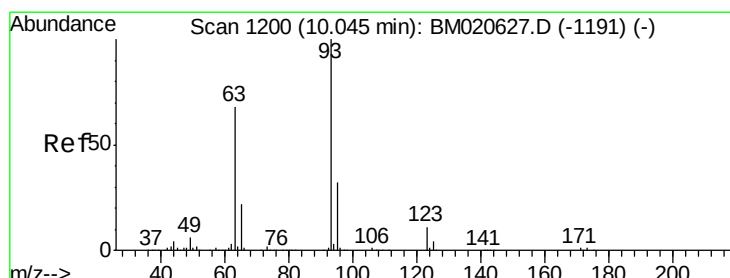
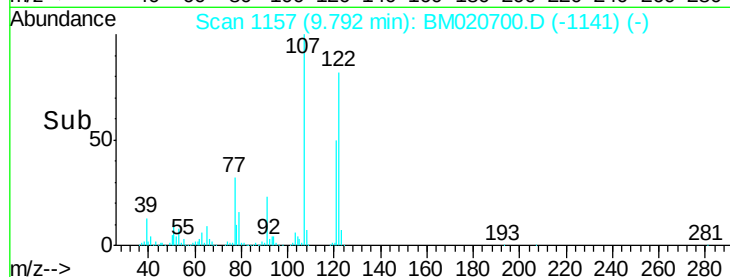
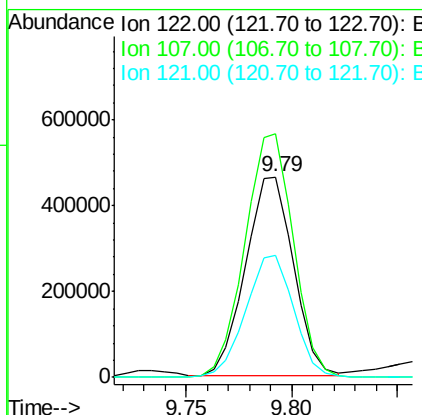
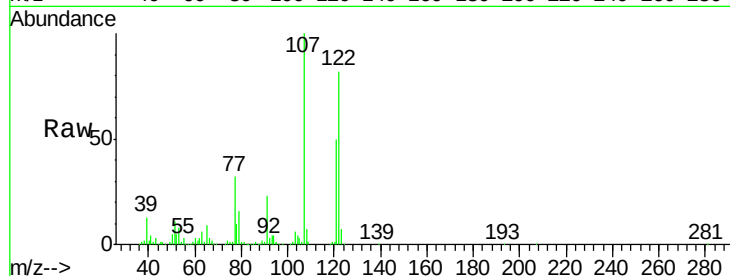
#27
 2,4-Dimethylphenol
 Concen: 45.583 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	98.0	147.0
121	60.9	48.2	72.4

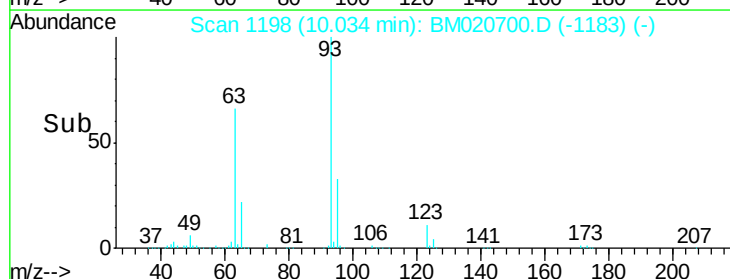
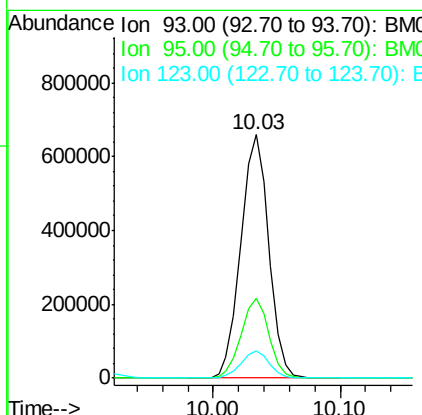
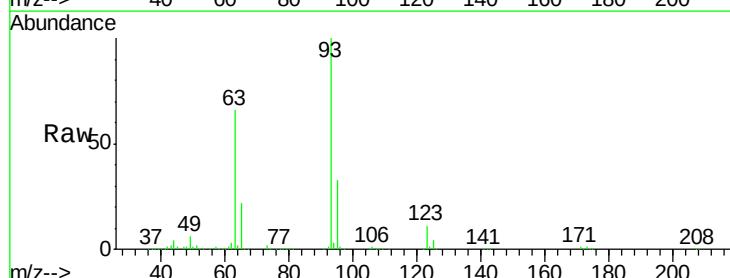
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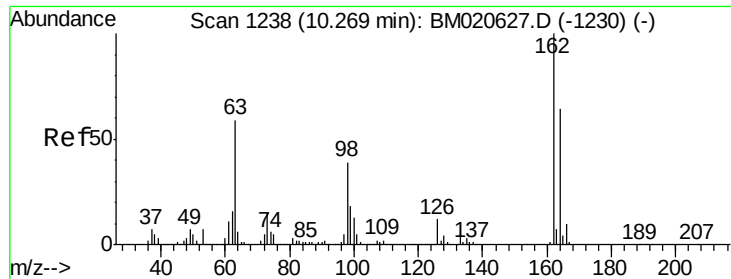
mohammad
 6/5/2019 8:46:26 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.391 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	11.3	9.0	13.6





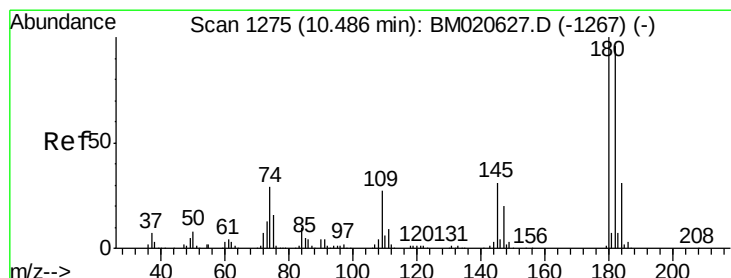
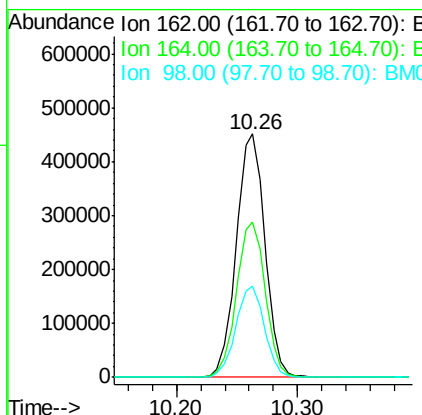
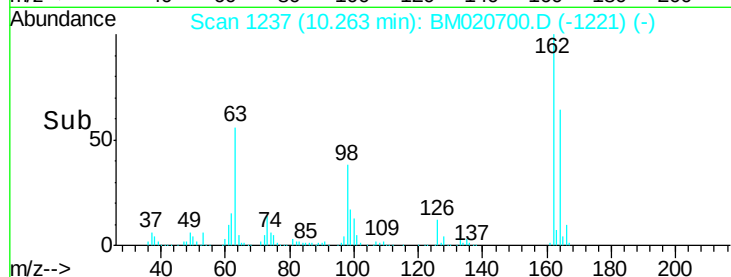
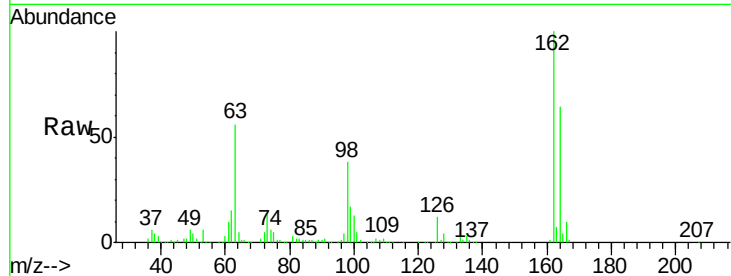
#29
2,4-Dichlorophenol
Concen: 42.321 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	749536		
164	63.9	43.8	83.8	
98	37.7	19.1	59.1	

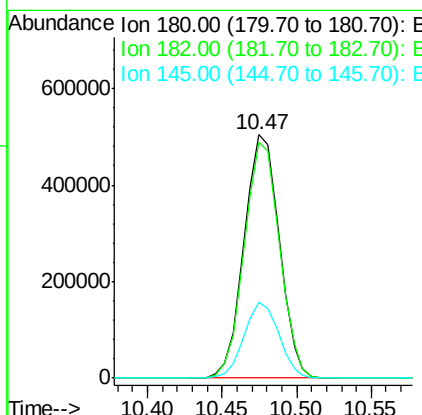
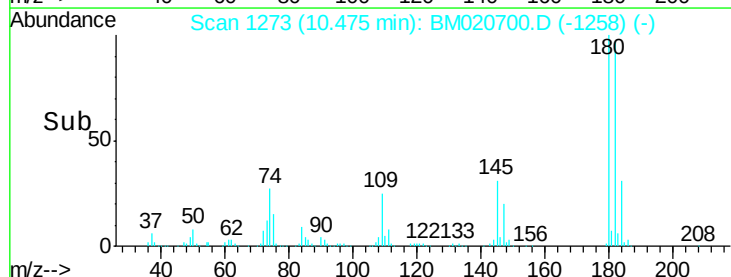
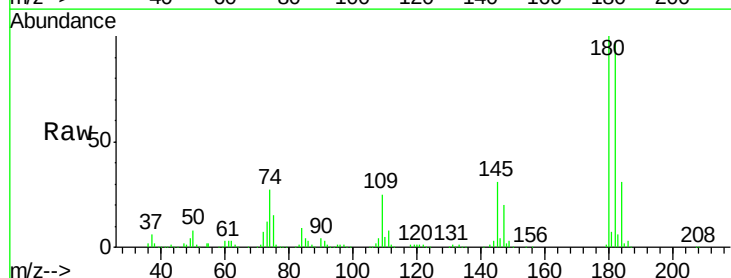
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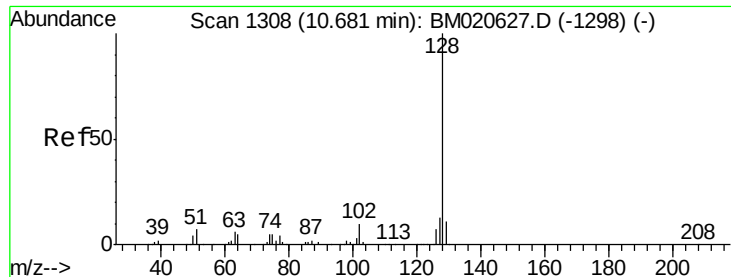
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#30
1,2,4-Trichlorobenzene
Concen: 40.612 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	827059		
182	96.9	77.0	115.6	
145	31.0	25.0	37.4	





#31

Naphthalene

Concen: 41.042 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

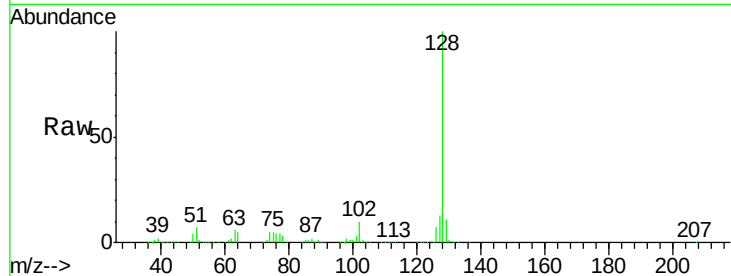
ClientSampleId :

PB120177BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.3	15.5

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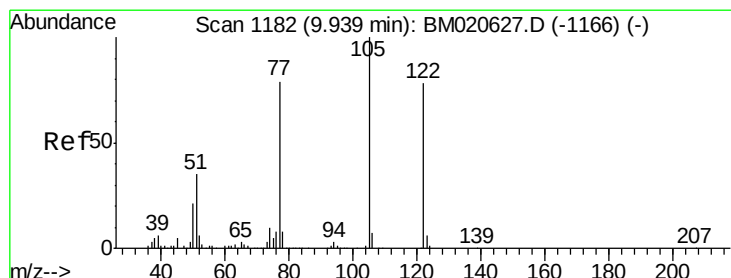
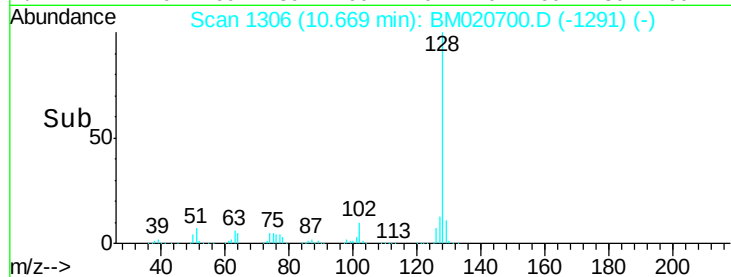
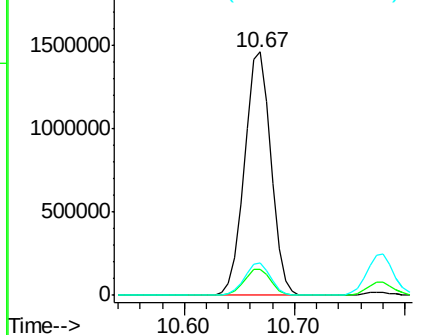


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.818 ng m

RT: 9.92 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

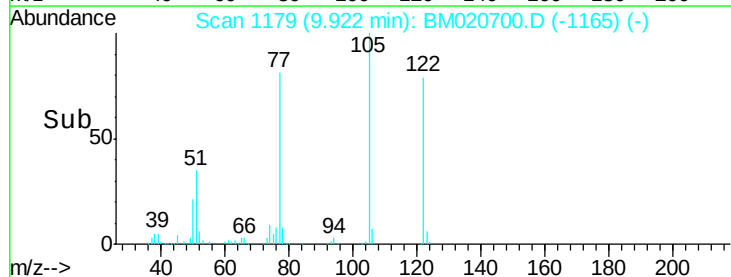
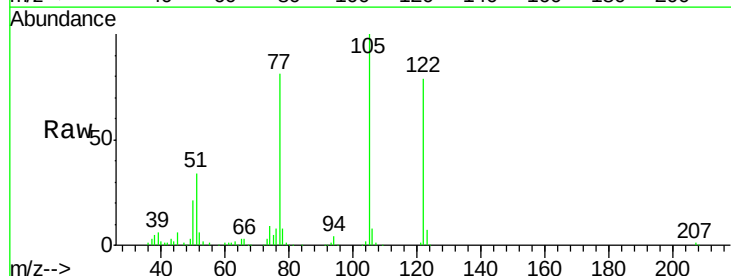
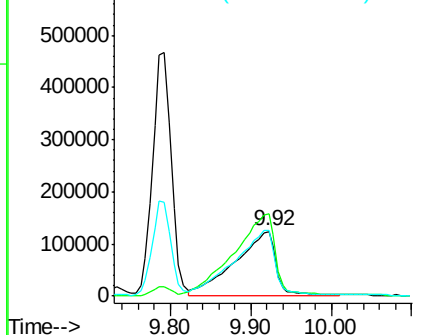
Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	107.0	147.0
77	102.4	80.9	120.9

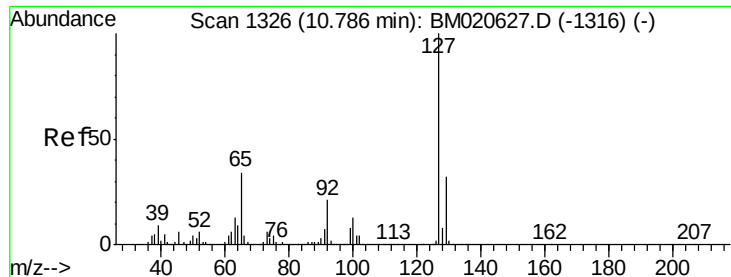
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





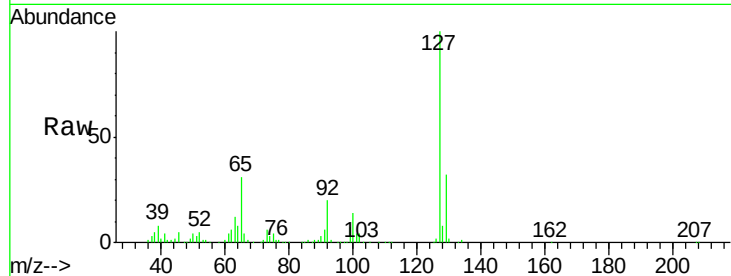
#33
4-Chloroaniline
Concen: 15.093 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

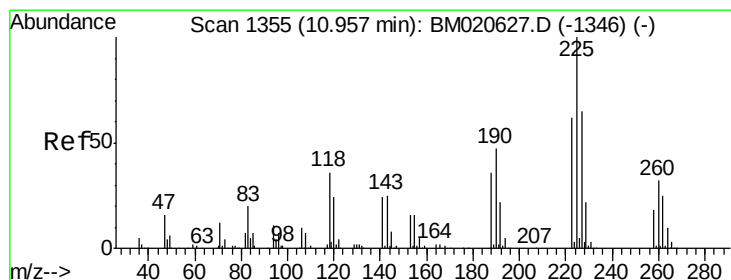
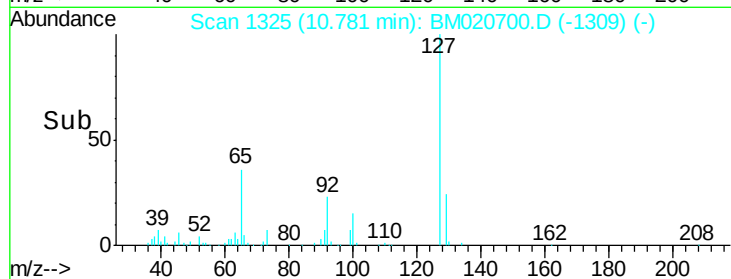
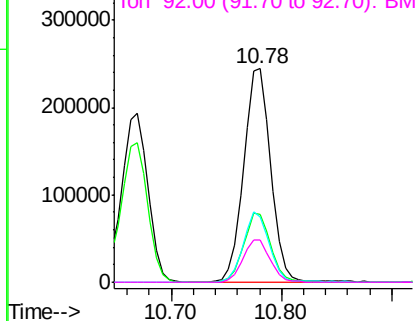
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		420204		
129	31.7	25.7	38.5		
65	30.9	27.4	41.0		
92	19.9	17.0	25.6		

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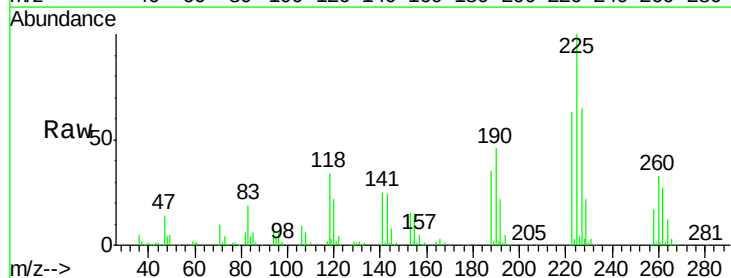


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

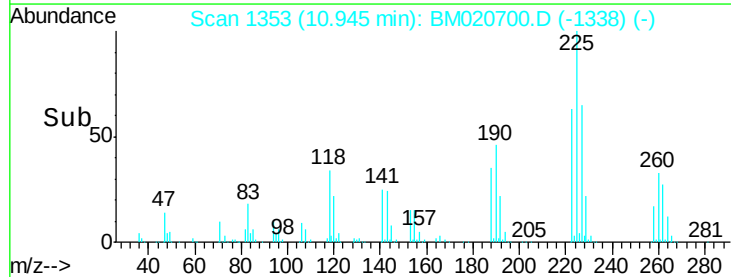
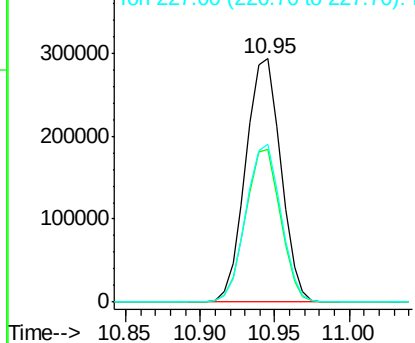


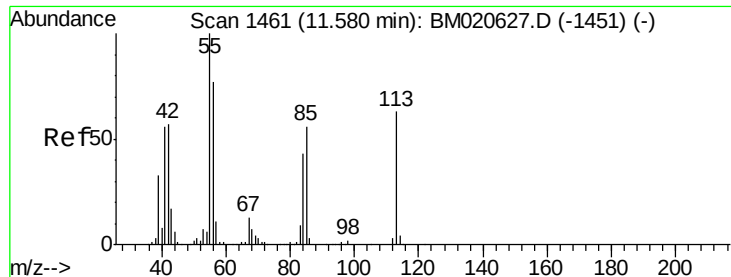
#34
Hexachlorobutadiene
Concen: 39.201 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		478999		
223	62.8	49.7	74.5		
227	65.0	51.8	77.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.254 ng/mL

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

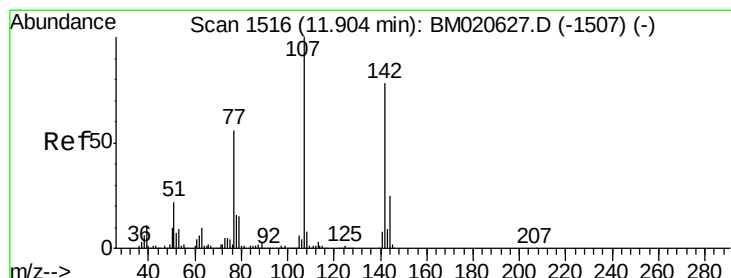
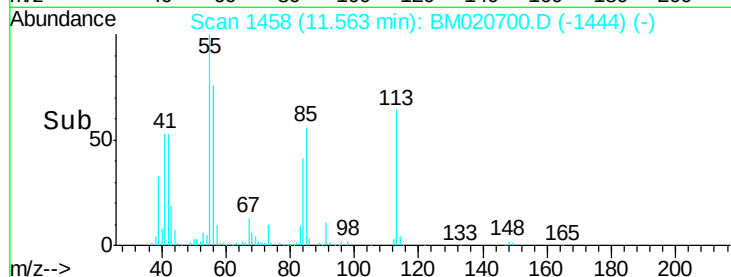
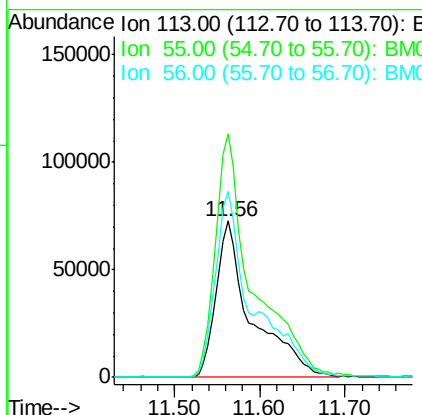
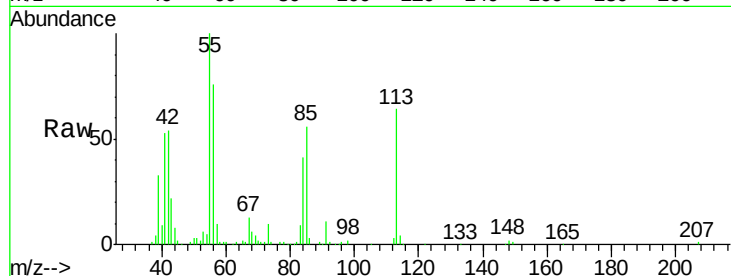
ClientSampleId :

PB120177BS

Tot Ion:	113	Resp:	210757
Ion Ratio	Lower	Upper	
113	100		
55	156.0	138.6	178.6
56	118.9	102.3	142.3

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#36

4-Chloro-3-methylphenol

Concen: 37.076 ng/mL

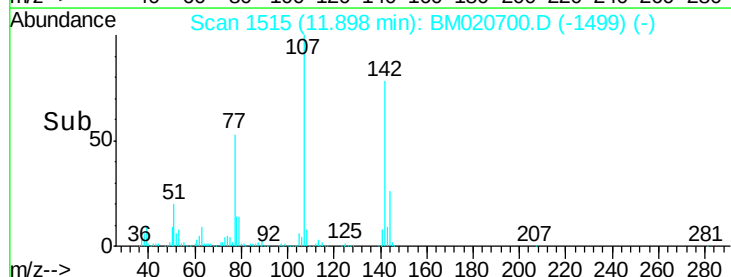
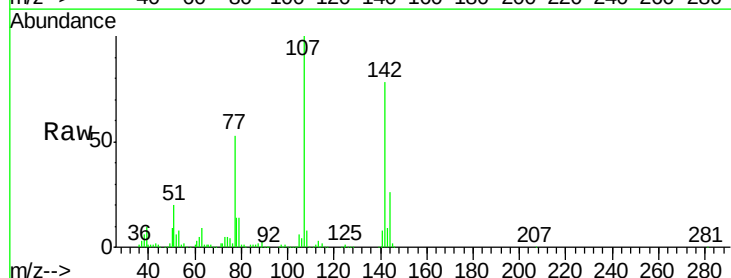
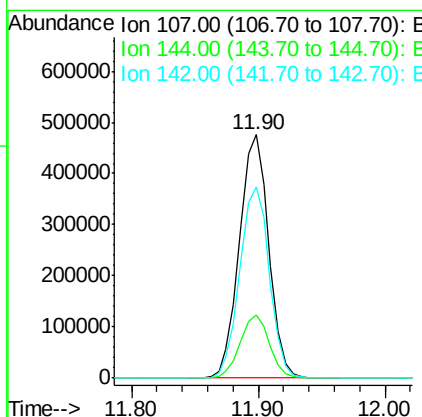
RT: 11.90 min Scan# 1515

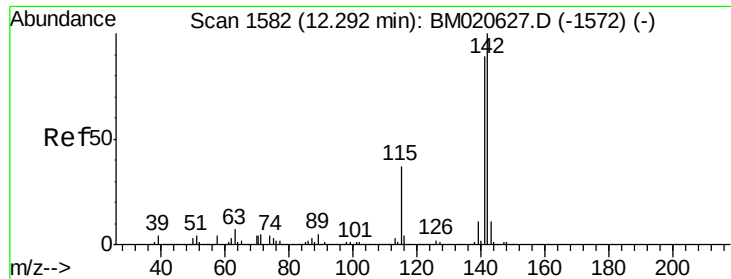
Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion:	107	Resp:	763460
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.3	30.5
142	78.5	62.6	93.8





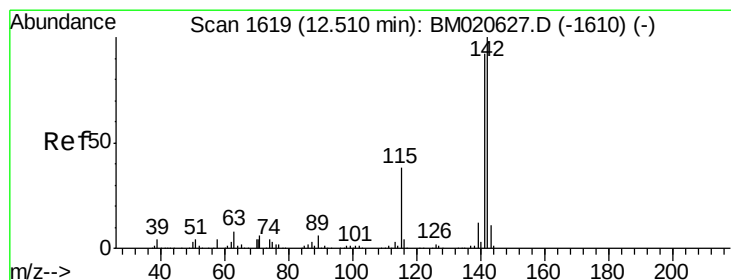
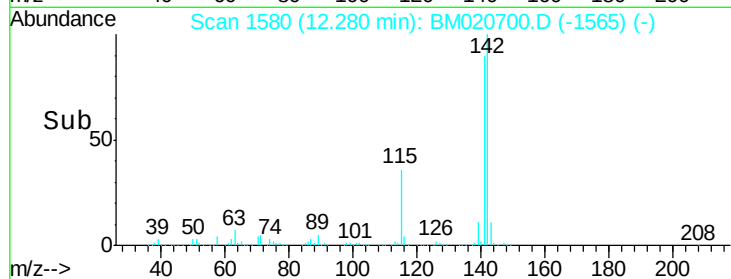
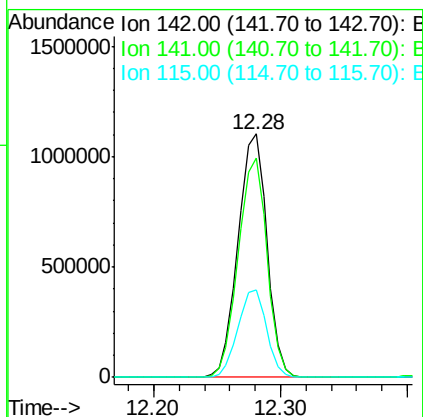
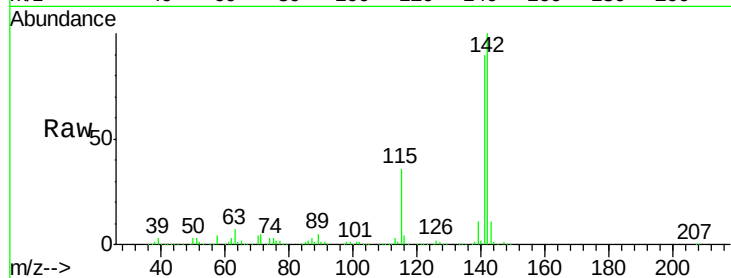
#37
2-Methylnaphthalene
Concen: 39.414 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampled :
PB120177BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.6	107.4
115	35.8	29.6	44.4

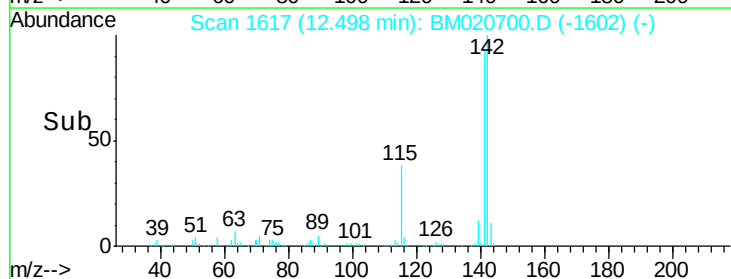
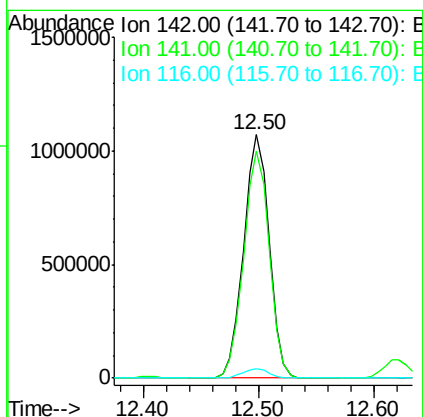
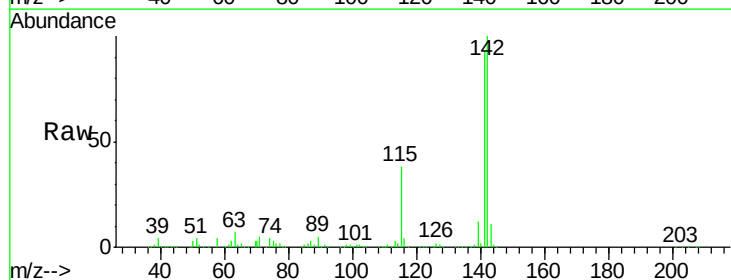
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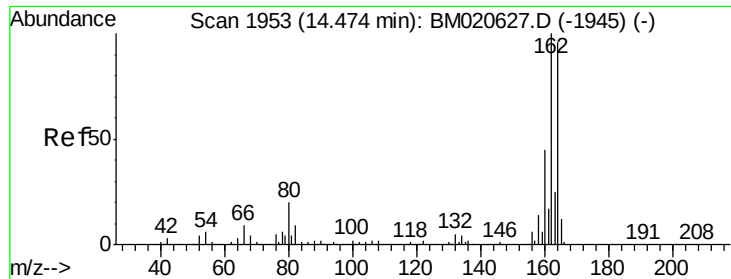
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#38
1-Methylnaphthalene
Concen: 39.026 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

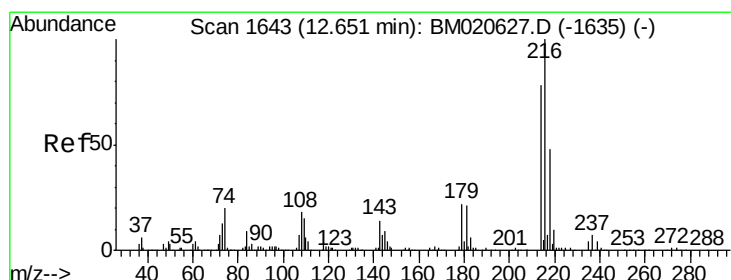
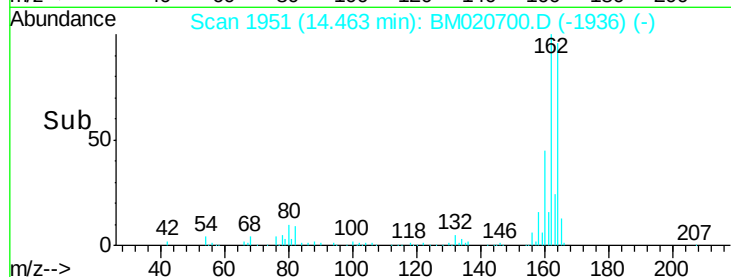
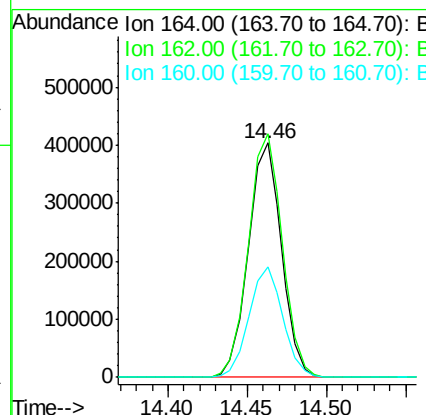
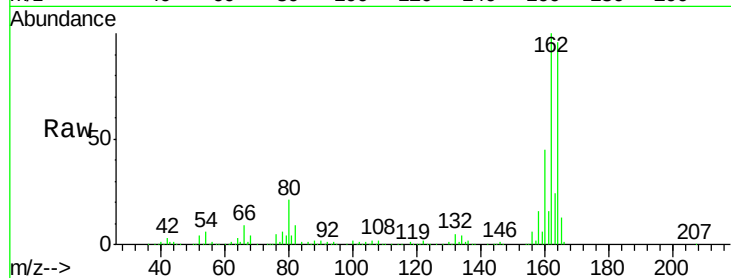
ClientSampleId :

PB120177BS

Tot Ion:	164	Resp:	585295
Ion Ratio	Lower	Upper	
164	100		
162	104.0	83.2	124.8
160	47.0	37.5	56.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.258 ng

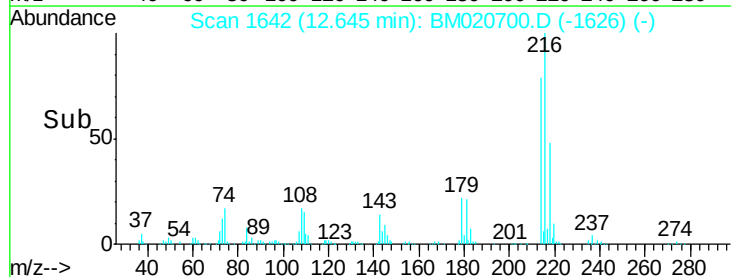
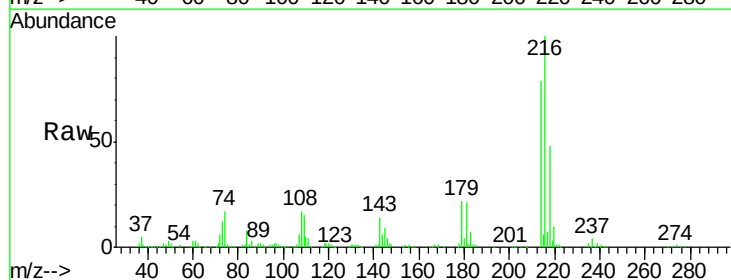
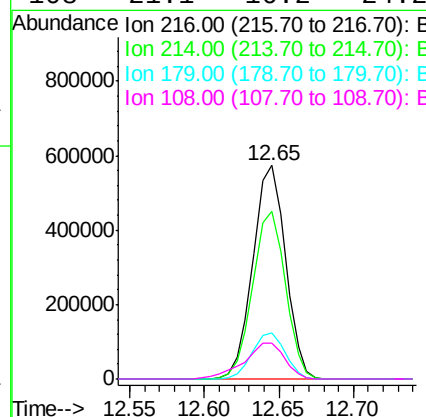
RT: 12.65 min Scan# 1642

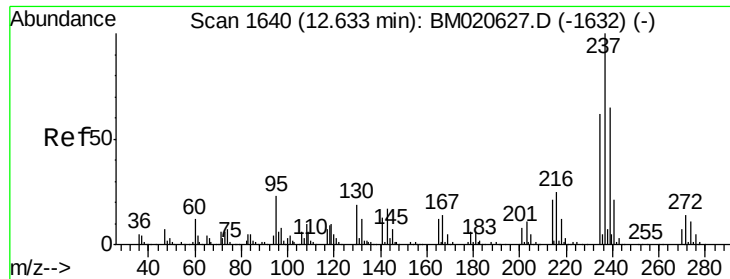
Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion:	216	Resp:	868087
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	21.9	17.9	26.9
108	21.1	16.2	24.2





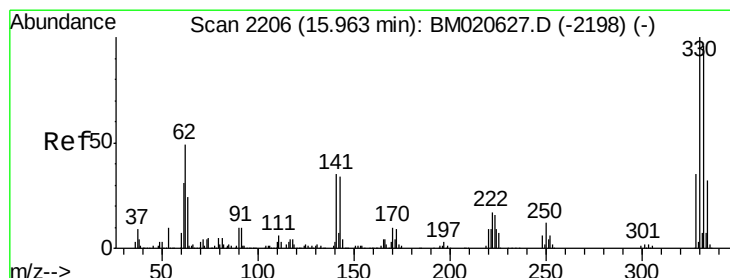
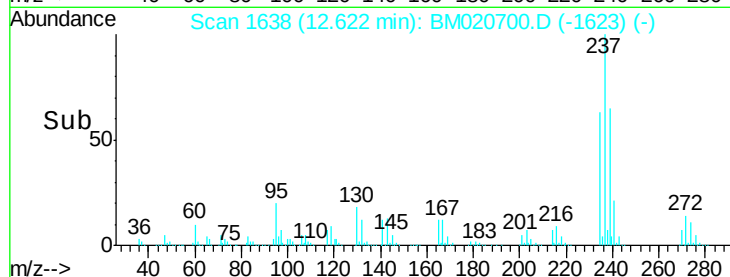
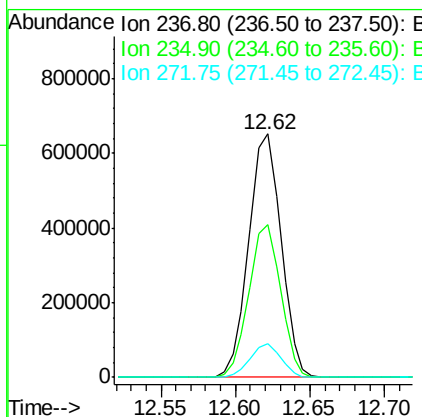
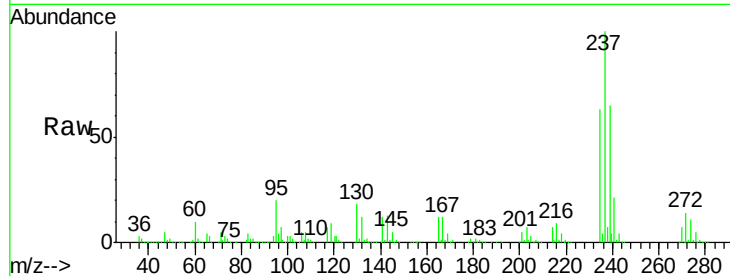
#41
Hexachlorocyclopentadiene
Concen: 85.360 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.7	42.1	82.1	
272	13.8	0.0	33.5	

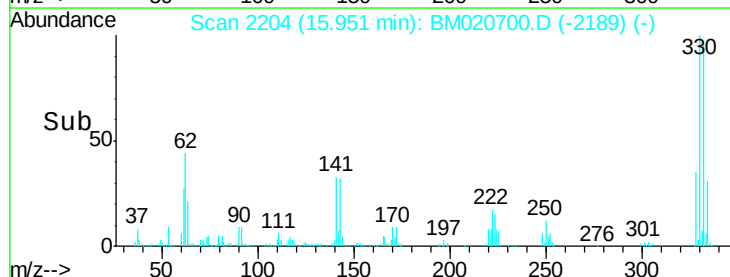
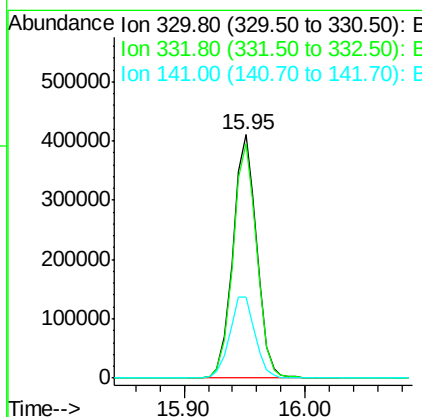
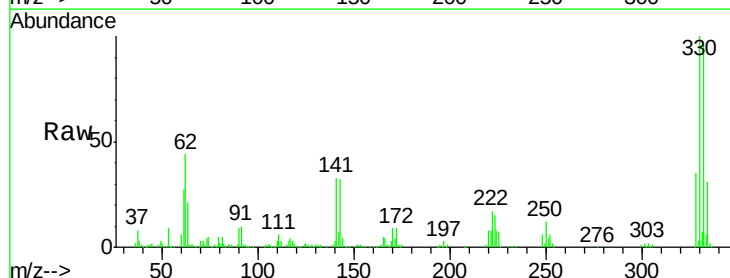
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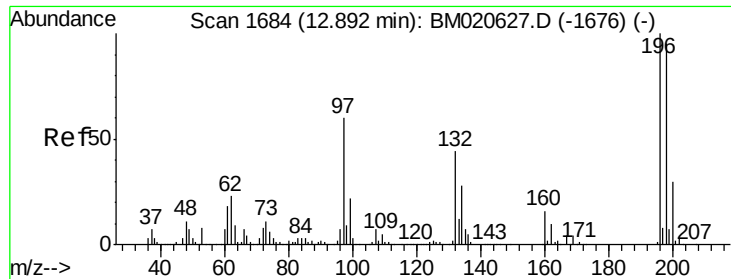
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#42
2,4,6-Tribromophenol
Concen: 77.459 ng
RT: 15.95 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.4	116.0	
141	35.9	30.4	45.6	





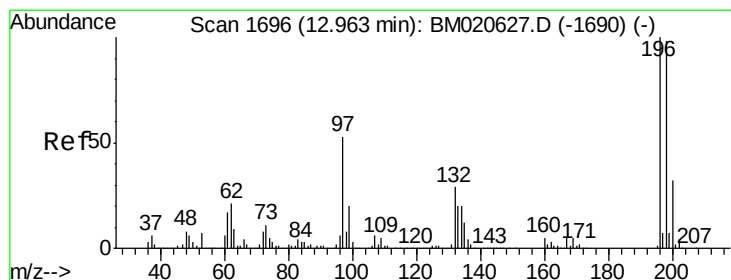
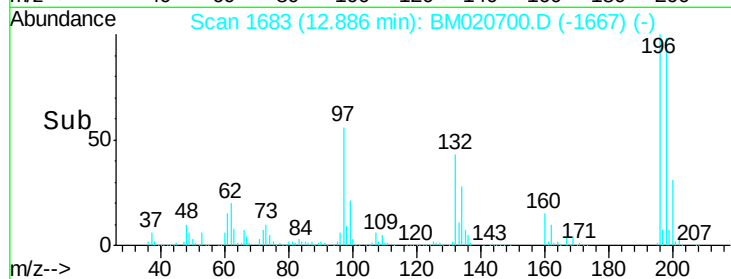
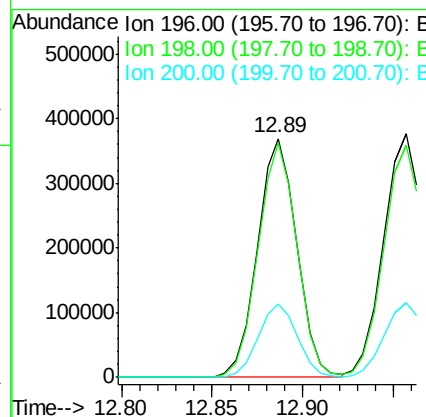
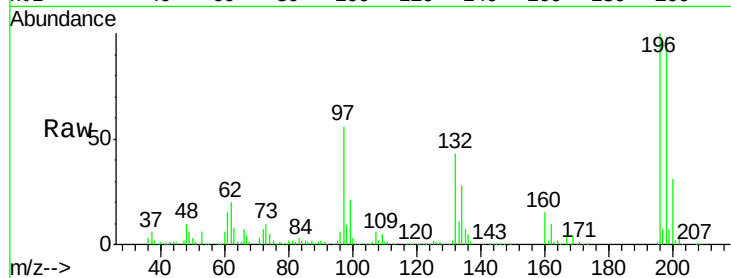
#43
2,4,6-Trichlorophenol
Concen: 44.855 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	553793		
198	98.1	75.7	113.5	
200	30.5	23.9	35.9	

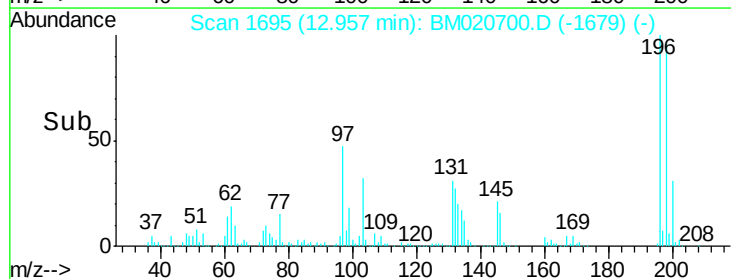
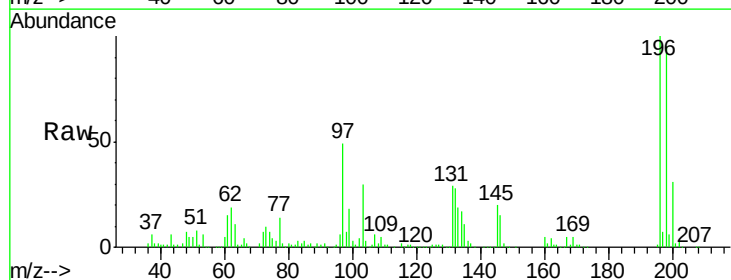
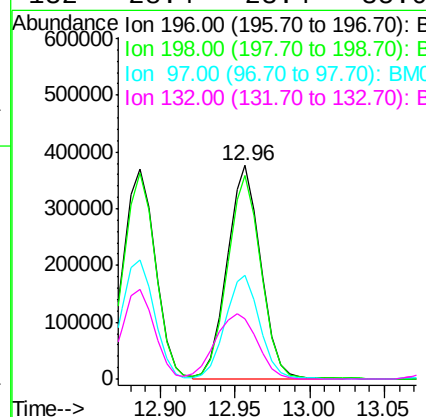
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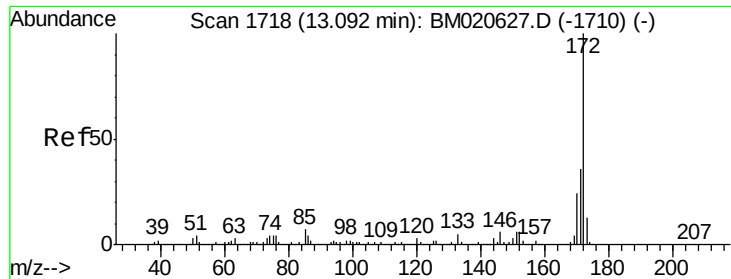
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#44
2,4,5-Trichlorophenol
Concen: 45.947 ng
RT: 12.96 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	585649		
198	95.1	78.6	117.8	
97	48.8	42.7	64.1	
132	28.4	23.4	35.0	





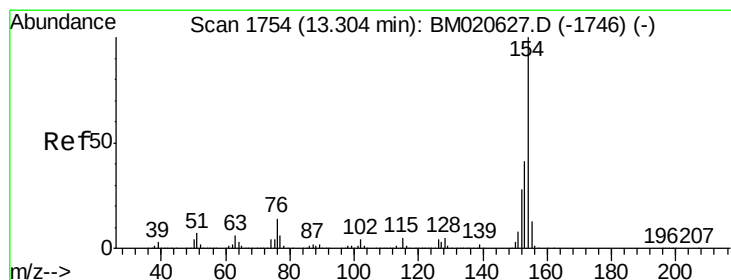
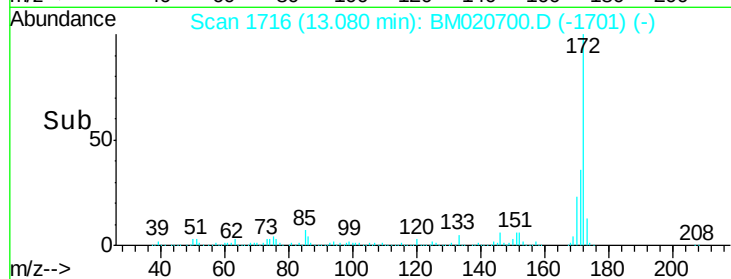
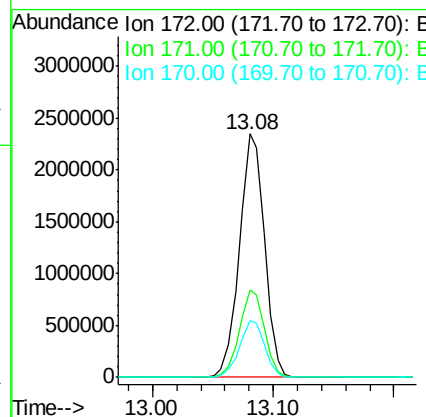
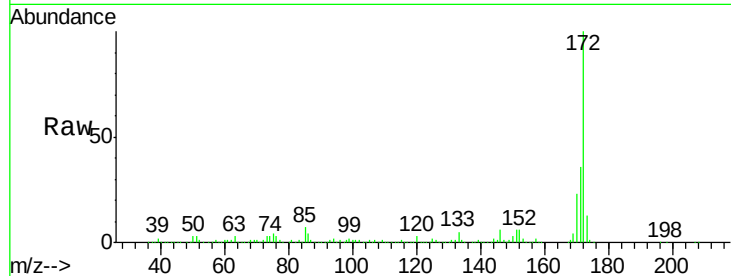
#45
2-Fluorobiphenyl
Concen: 77.110 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.2	18.9	28.3

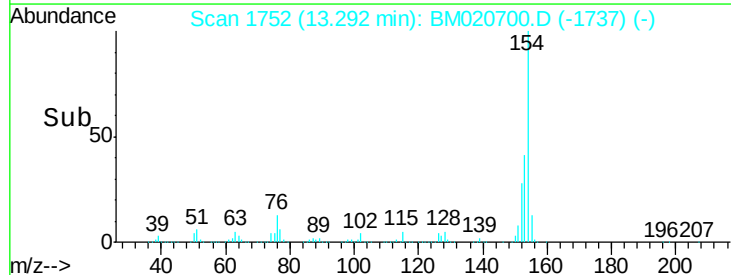
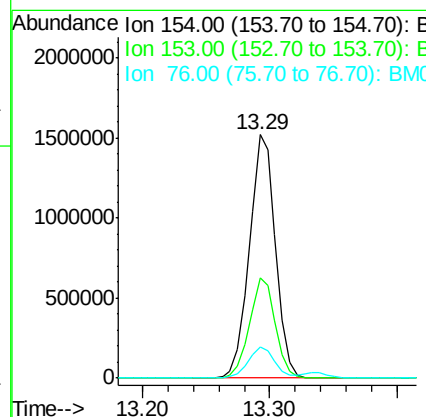
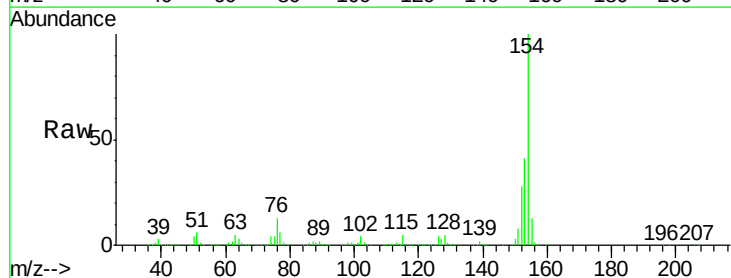
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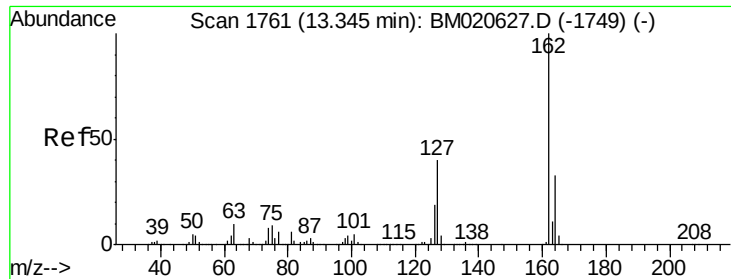
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#46
1,1'-Biphenyl
Concen: 44.258 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	12.8	0.0	34.0





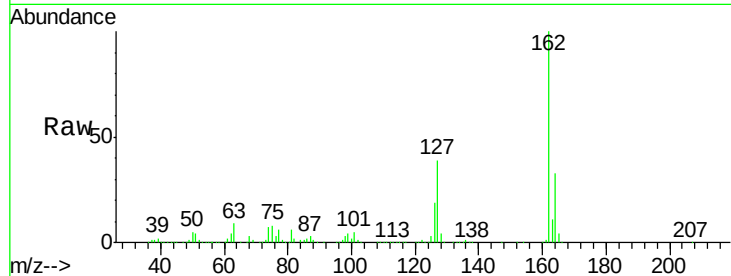
#47
2-Chloronaphthalene
Concen: 42.117 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampled :
PB120177BS

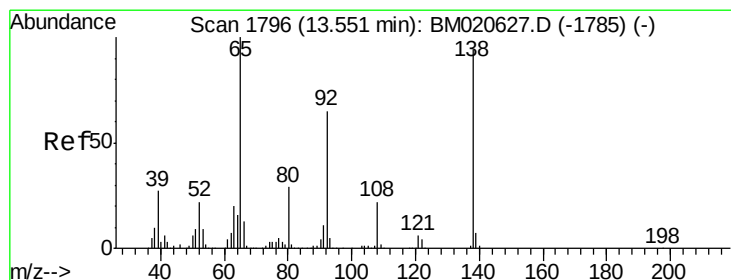
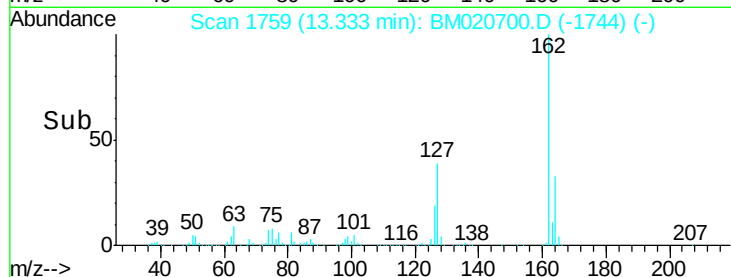
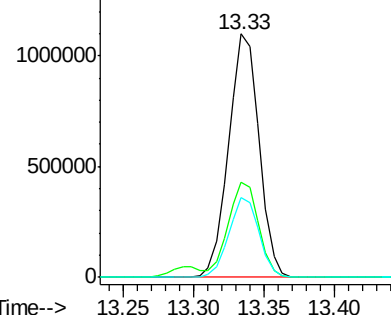
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.1	48.1
164	32.6	26.6	39.8

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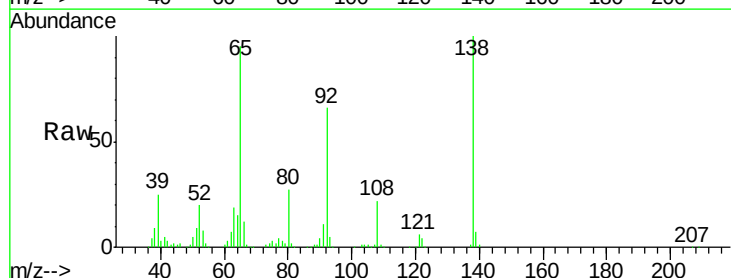


Abundance Ion 162.00 (161.70 to 162.70): E
1500000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

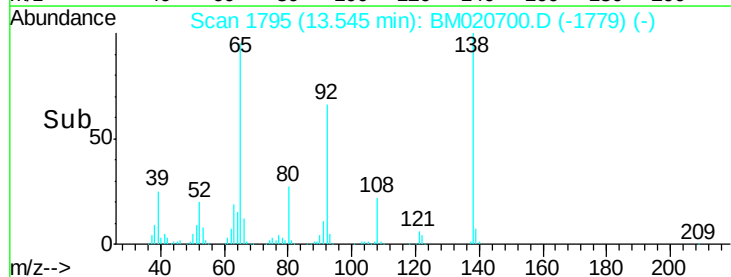
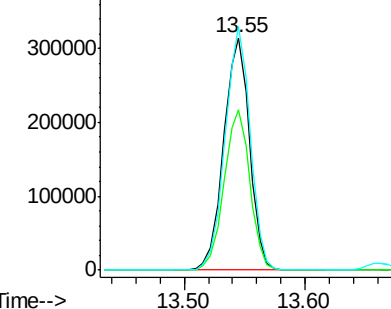


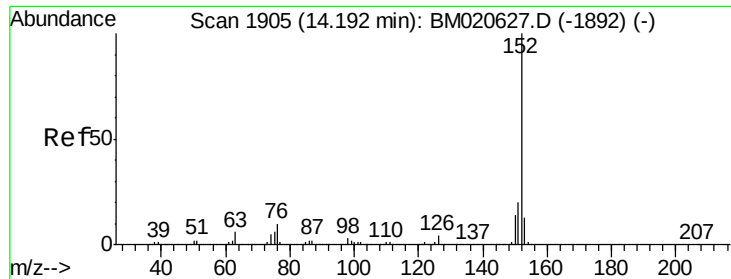
#48
2-Nitroaniline
Concen: 37.888 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	52.2	78.4
138	104.9	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: 41.868 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

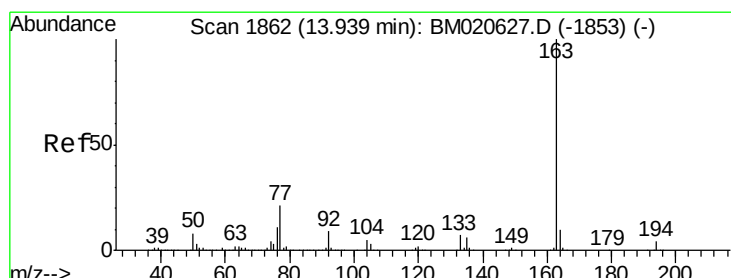
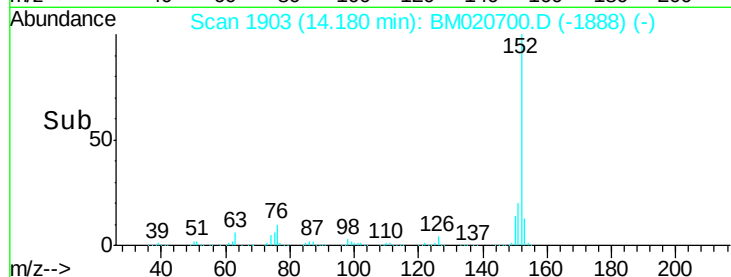
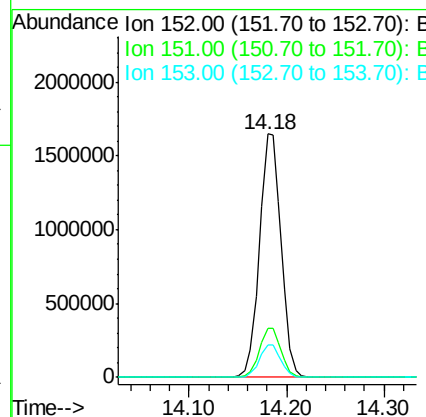
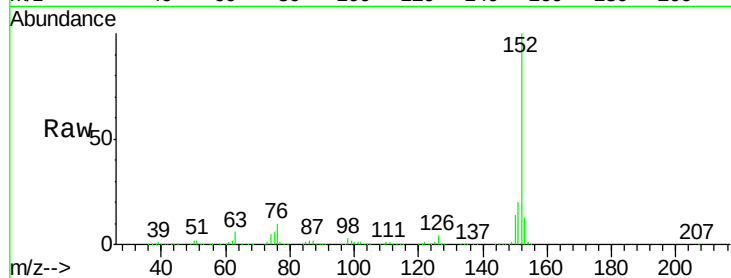
ClientSampleId :

PB120177BS

Tot Ion:	152	Resp:	2577271
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.2	10.6	15.8

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#50

Dimethylphthalate

Concen: 39.066 ng

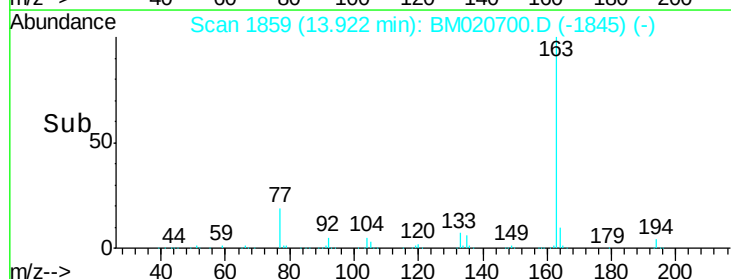
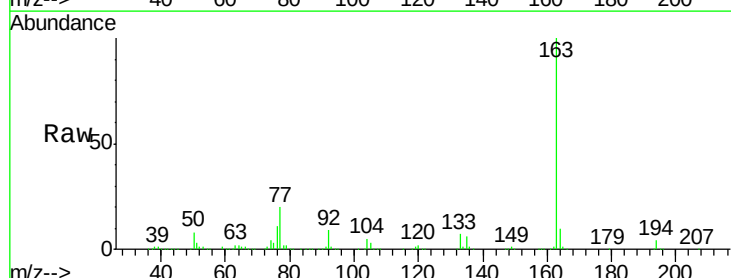
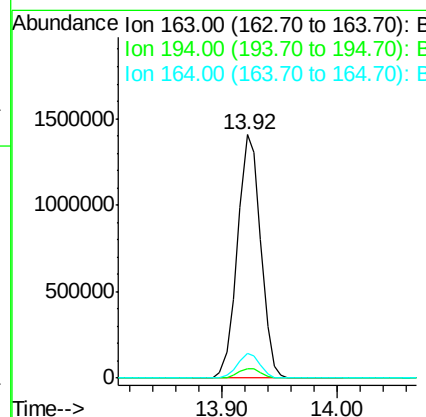
RT: 13.92 min Scan# 1859

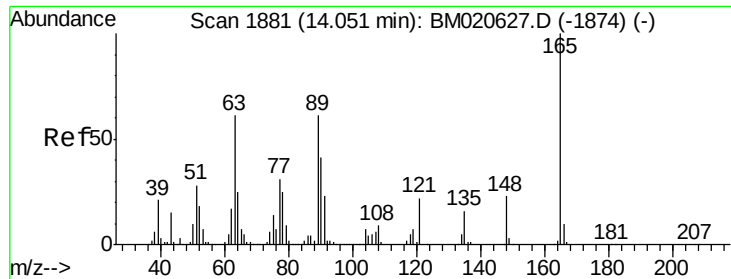
Delta R.T. -0.02 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion:	163	Resp:	1953508
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	7.9	11.9





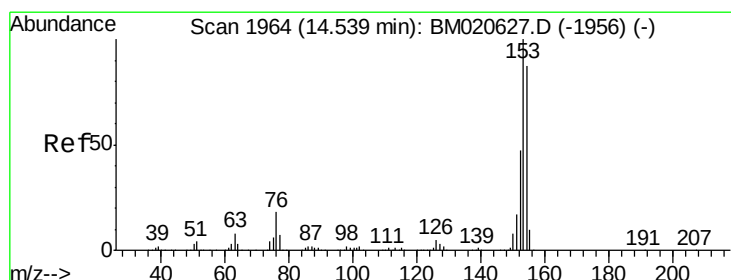
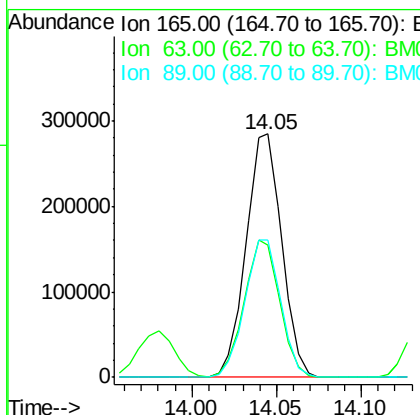
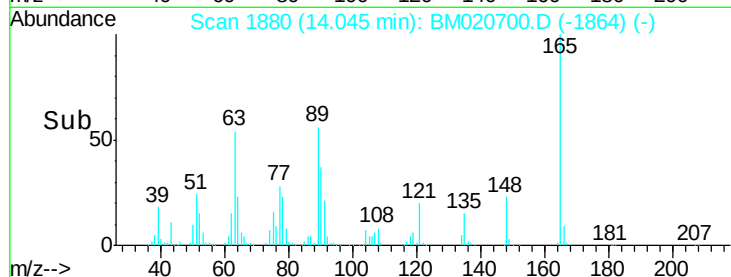
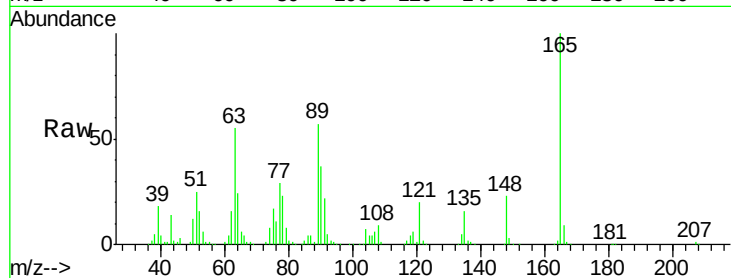
#51
2,6-Dinitrotoluene
Concen: 41.202 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	418344		
63	54.5	50.4	75.6	
89	56.5	49.1	73.7	

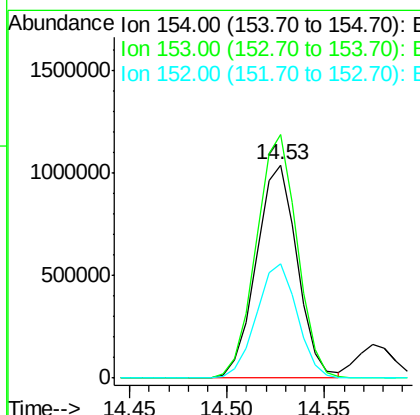
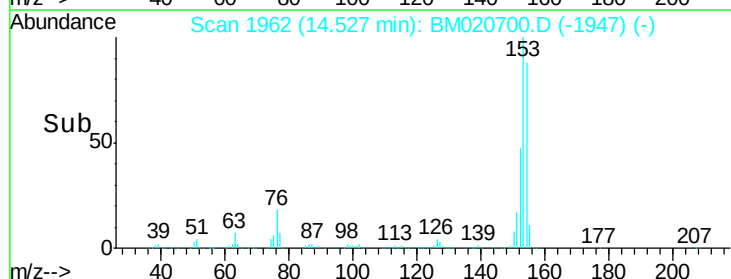
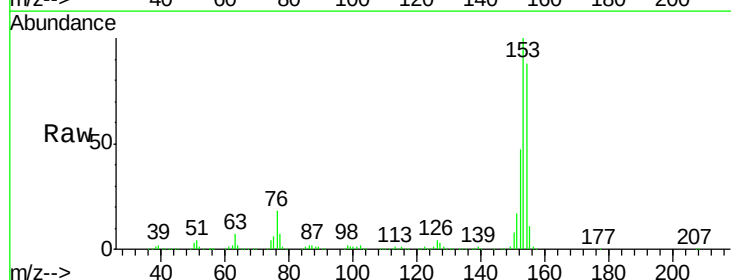
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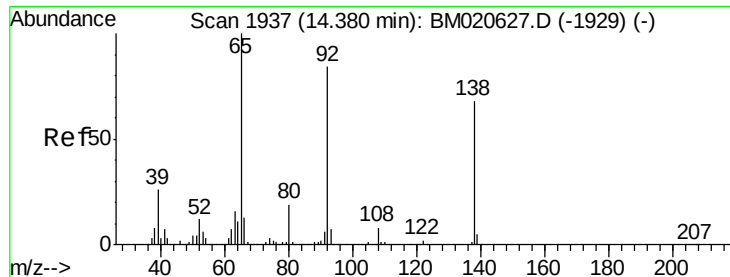
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#52
Acenaphthene
Concen: 41.301 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1515093		
153	114.1	92.4	138.6	
152	53.4	43.4	65.0	





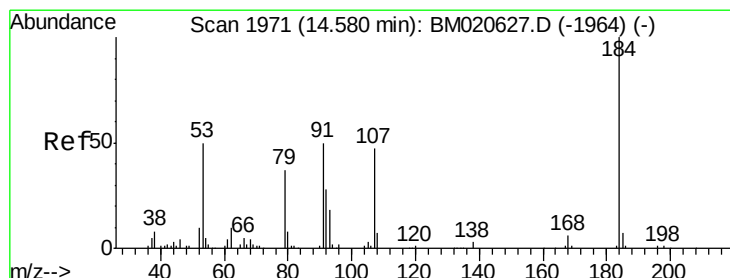
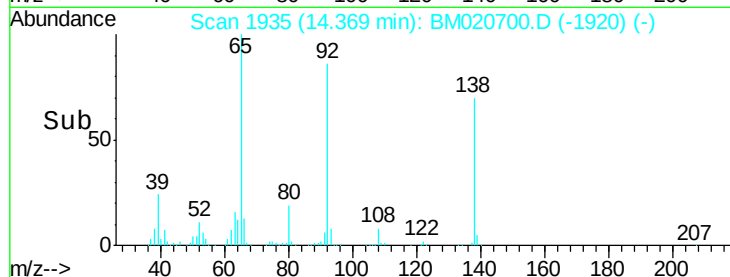
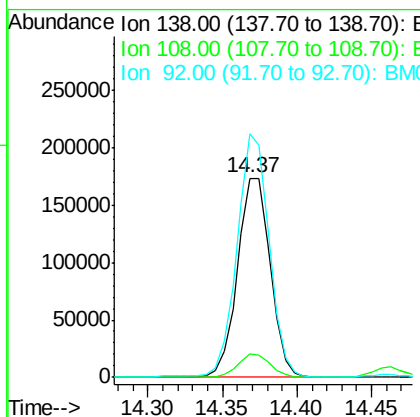
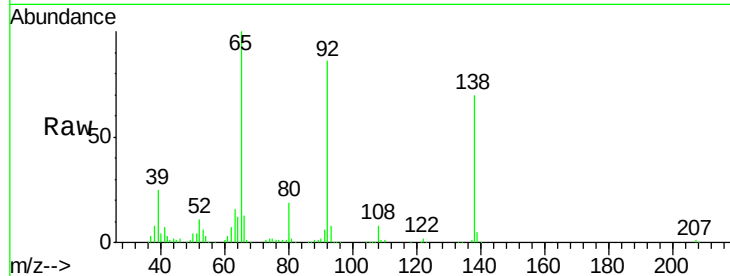
#53
3-Nitroaniline
Concen: 23.427 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	265499		
108	11.7	9.5	14.3	
92	122.1	99.6	149.4	

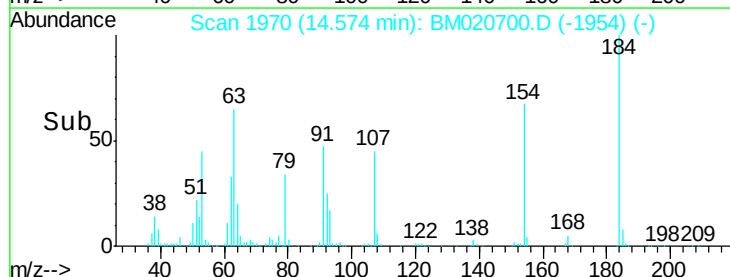
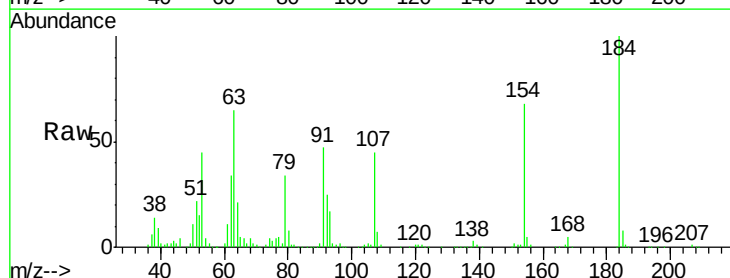
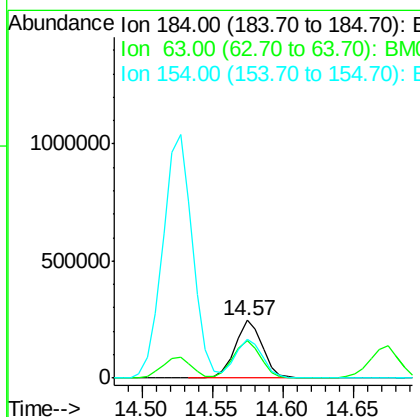
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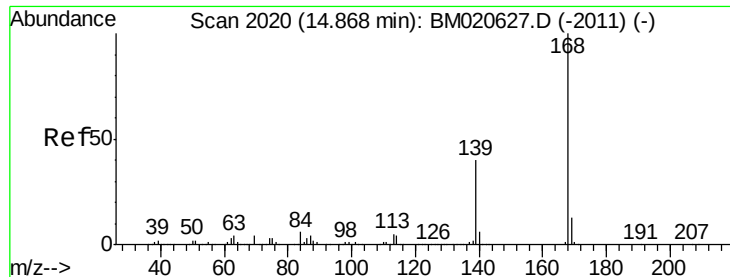
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#54
2,4-Dinitrophenol
Concen: 76.590 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	333064		
63	64.9	59.3	88.9	
154	67.6	56.5	84.7	





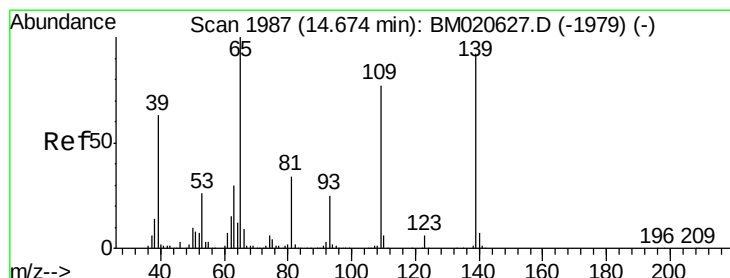
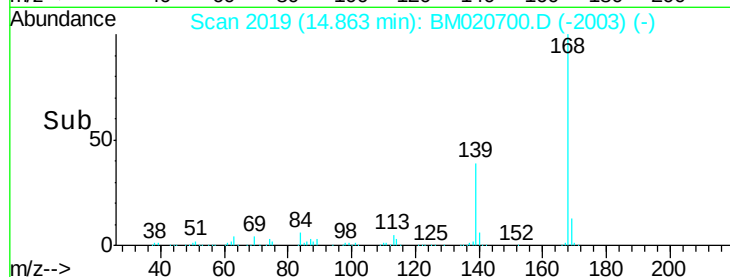
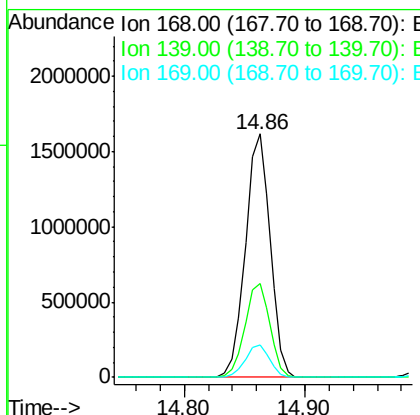
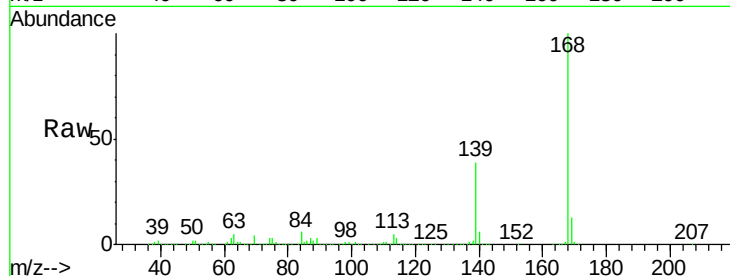
#55
Dibenzofuran
Concen: 40.609 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.9	47.9
169	13.3	10.7	16.1

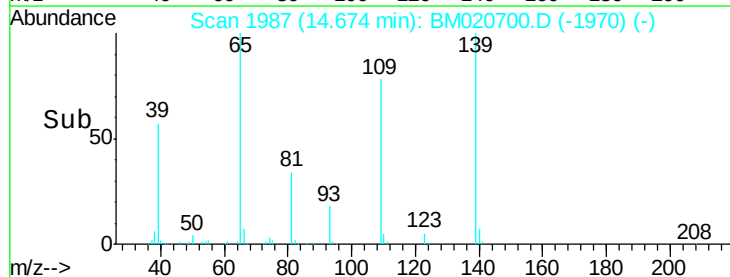
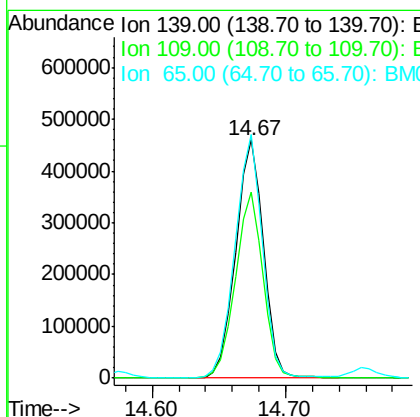
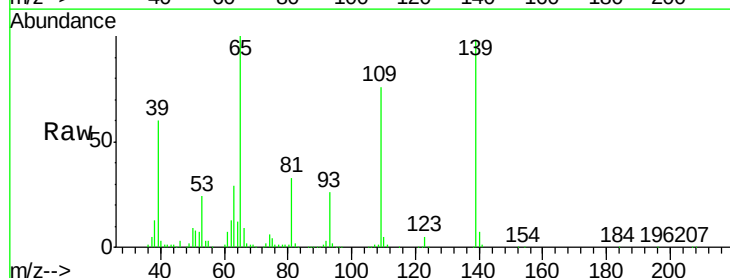
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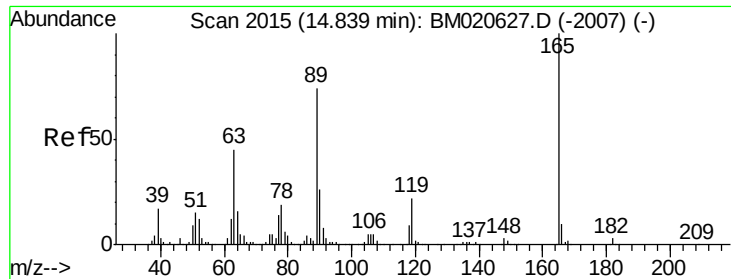
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#56
4-Nitrophenol
Concen: 79.356 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.2	62.7	102.7
65	102.4	88.3	128.3





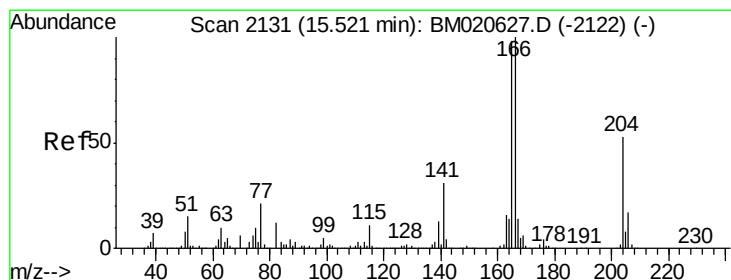
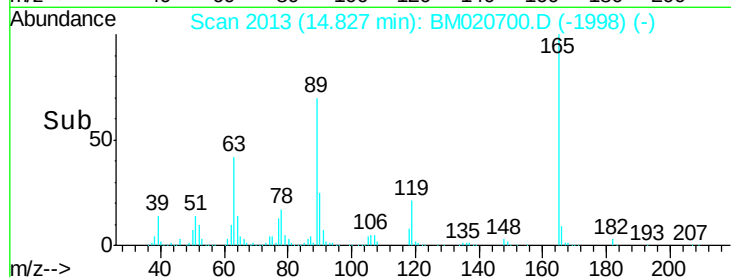
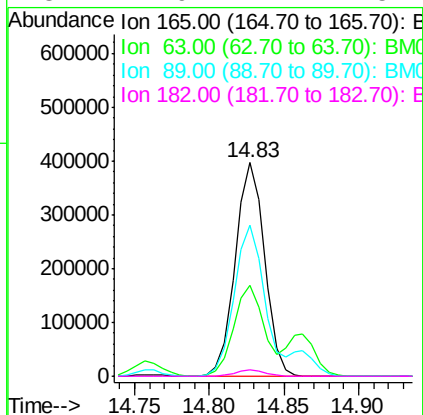
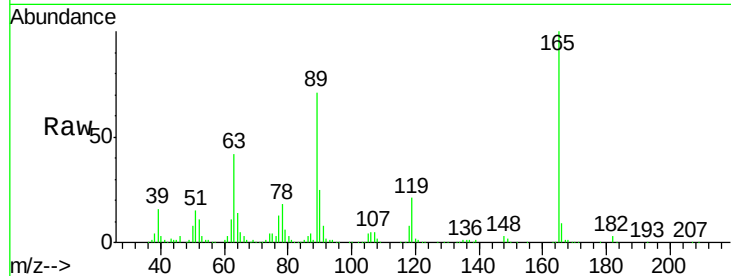
#57
2,4-Dinitrotoluene
Concen: 39.996 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	543745		
63	42.5	36.3	54.5	
89	70.6	59.0	88.6	
182	2.9	2.2	3.4	

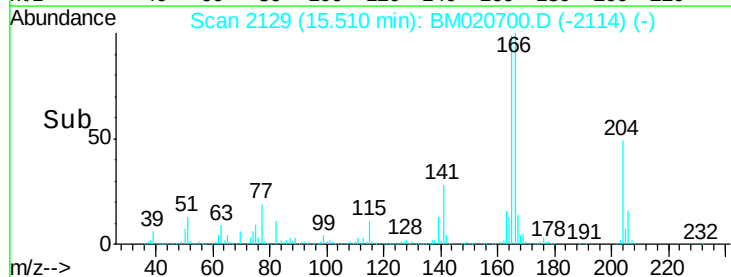
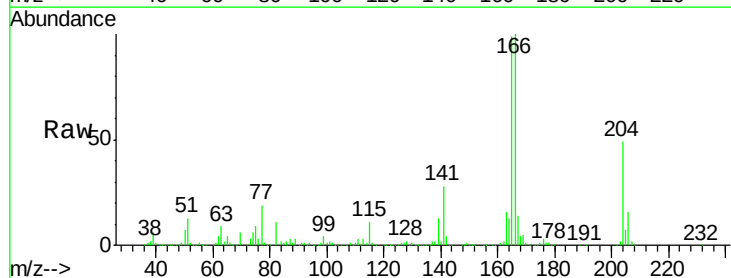
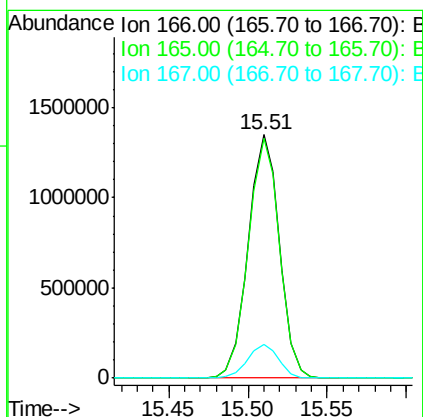
Manual Integrations
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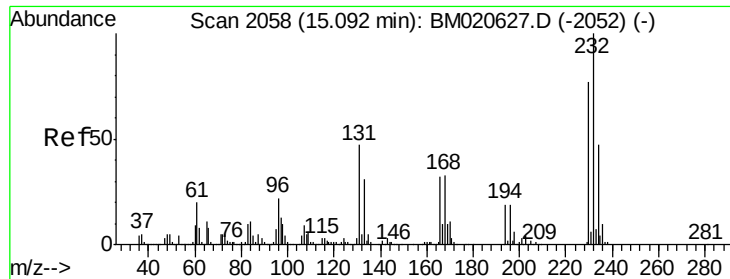
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#58
Fluorene
Concen: 39.249 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1838976		
165	98.6	78.6	117.8	
167	13.6	11.0	16.4	





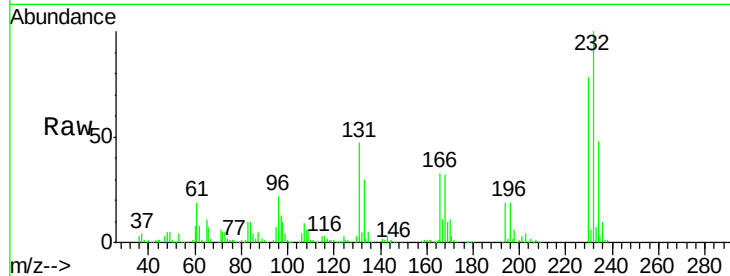
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.132 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampled :
PB120177BS

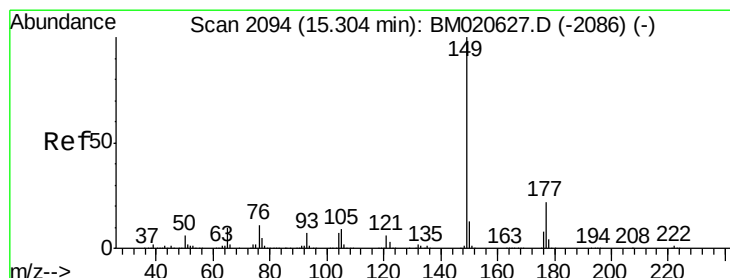
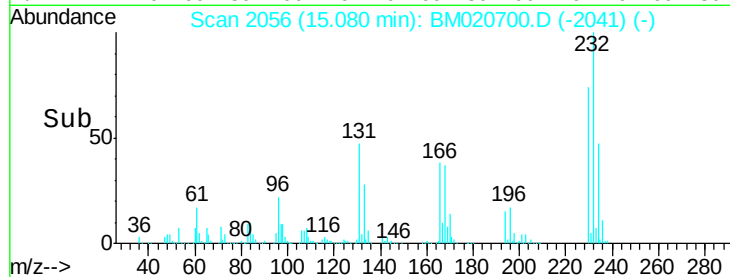
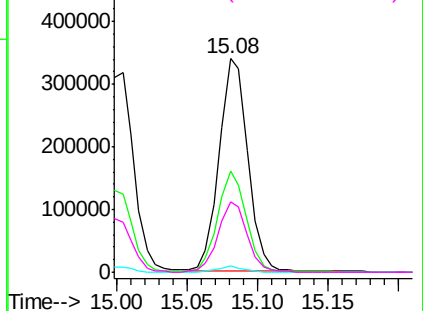
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	38.6	57.8
130	2.5	2.2	3.2
166	33.0	26.6	39.8

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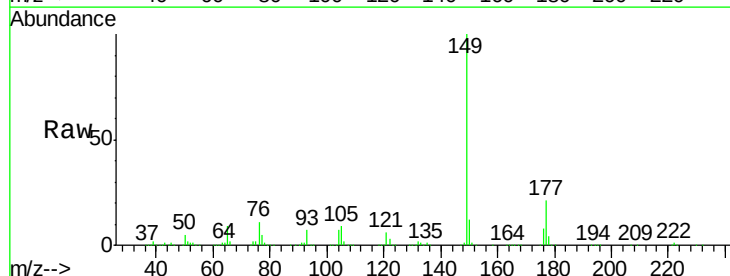


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

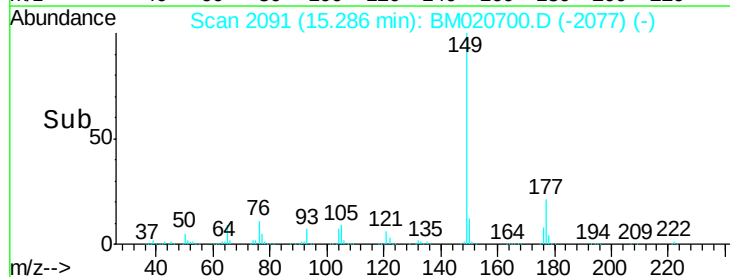
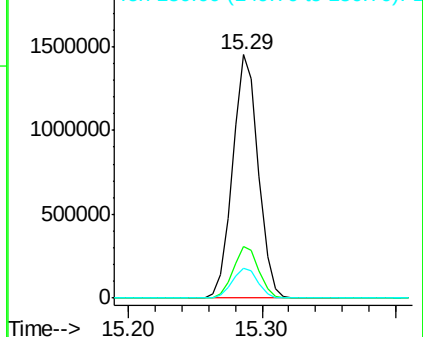


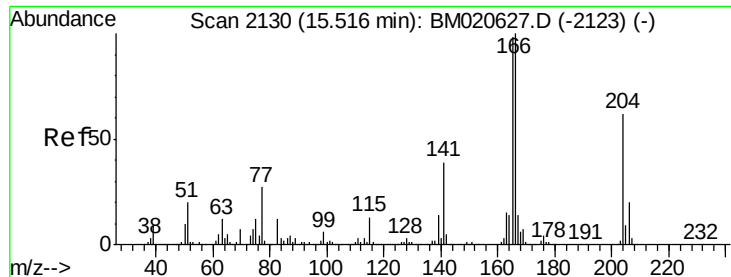
#60
Diethylphthalate
Concen: 37.515 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.2	25.8
150	12.4	10.1	15.1



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





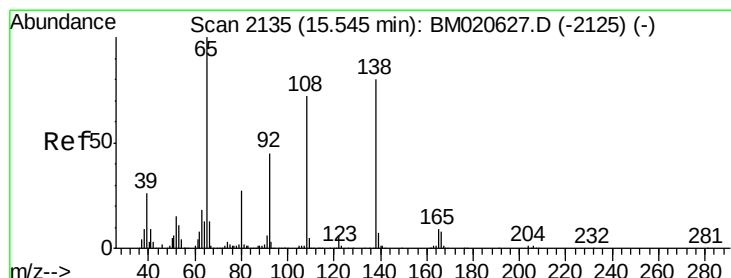
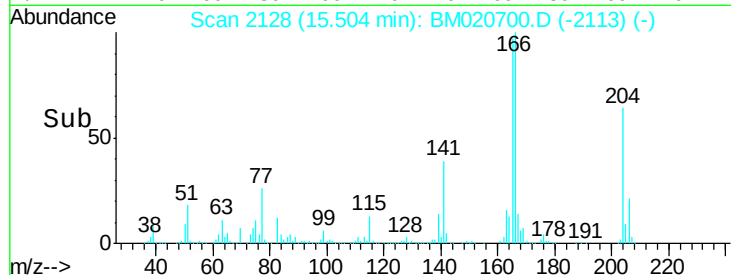
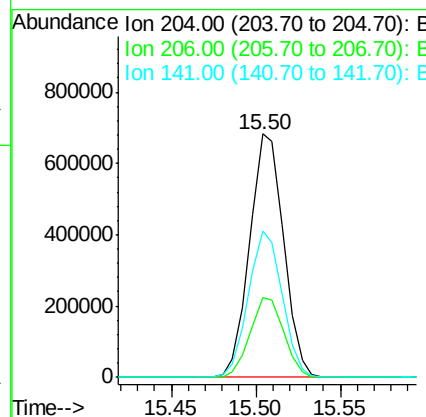
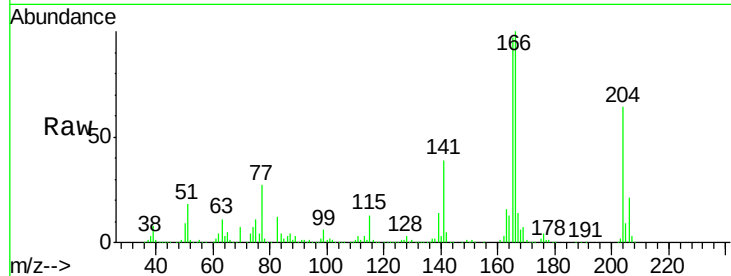
#61
4-Chlorophenyl-phenylether
Concen: 38.669 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	959295		
206	32.5	25.8	38.8	
141	60.4	50.2	75.4	

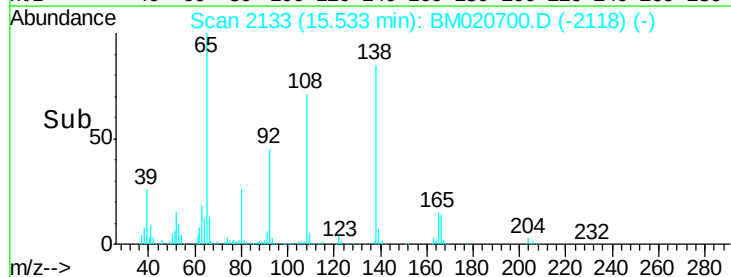
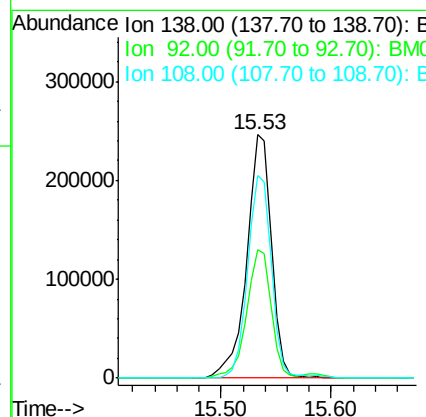
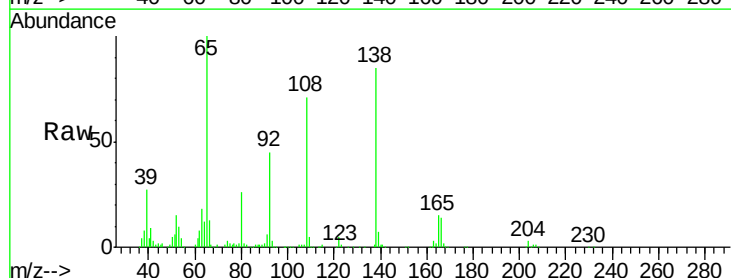
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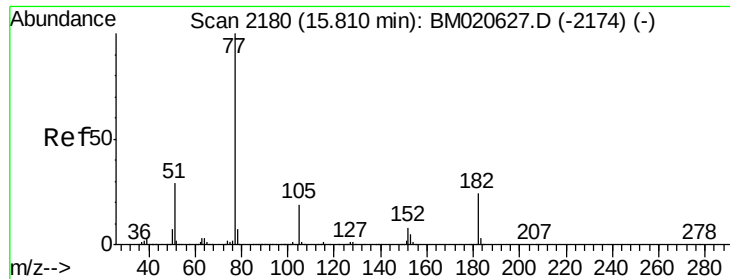
mohammad
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#62
4-Nitroaniline
Concen: 32.399 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	389412		
92	52.7	36.7	76.7	
108	83.3	70.3	110.3	





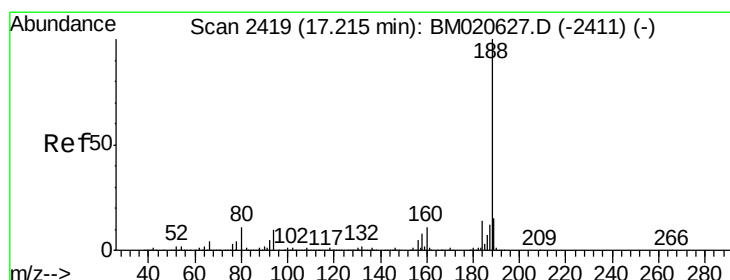
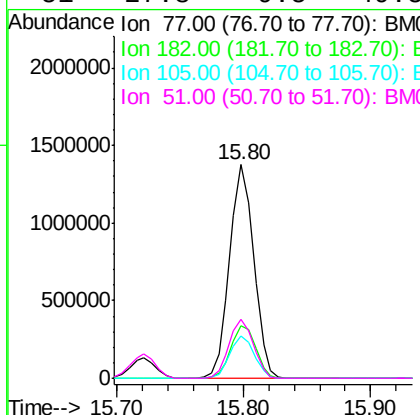
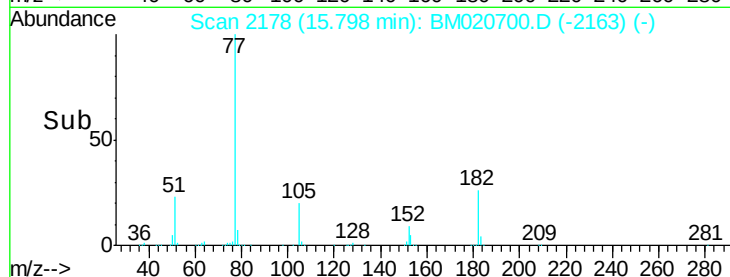
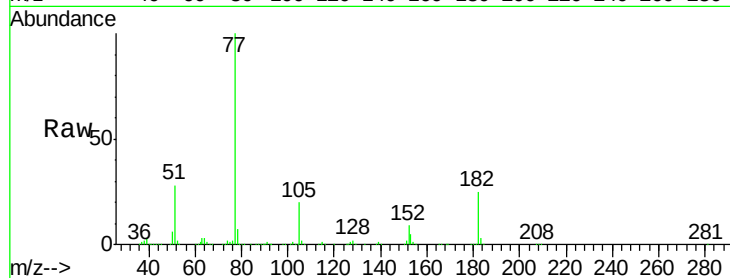
#63
Azobenzene
Concen: 36.694 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.7	3.6	43.6	
105	19.6	0.0	39.4	
51	27.8	9.5	49.5	

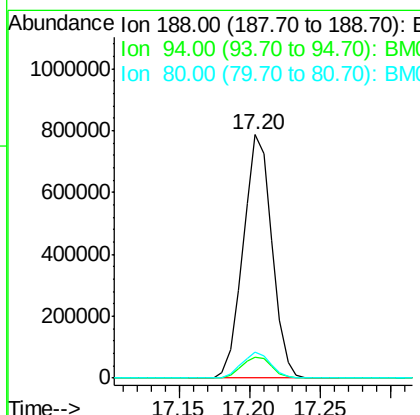
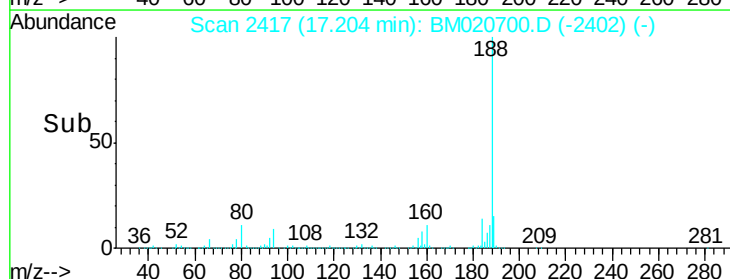
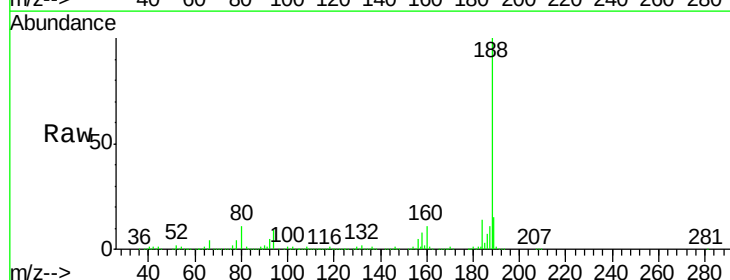
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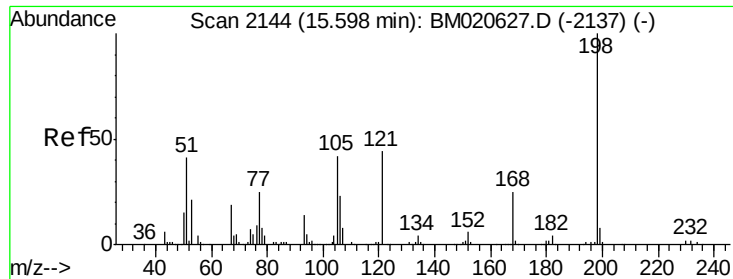
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.8	11.8	
80	10.9	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.547 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion:198 Resp: 204034

Ion Ratio Lower Upper

198 100

51 44.4 27.7 67.7

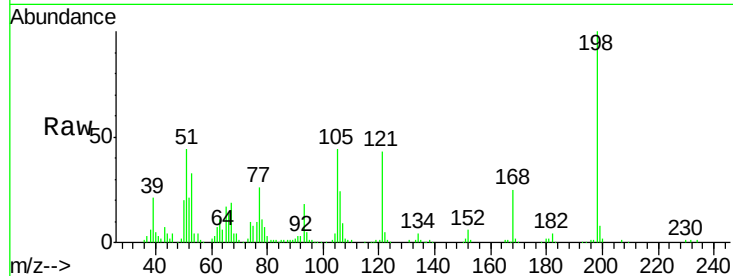
105 43.9 23.8 63.8

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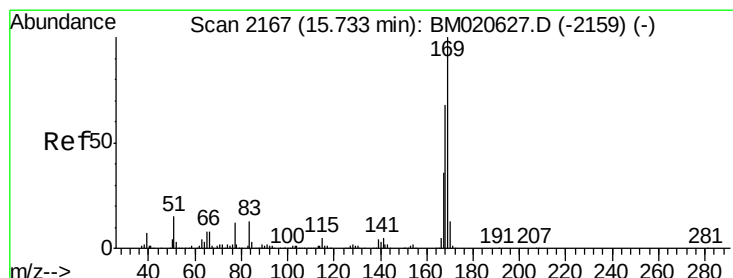
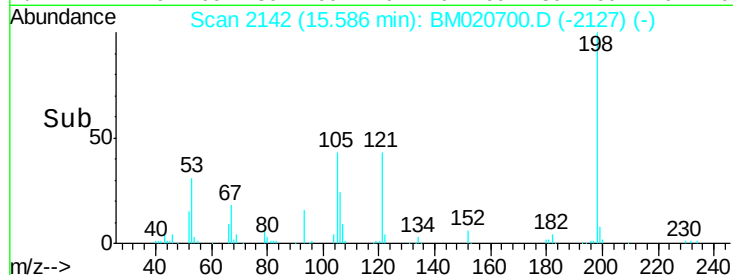
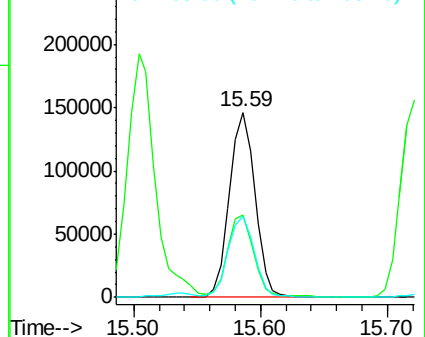
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.614 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

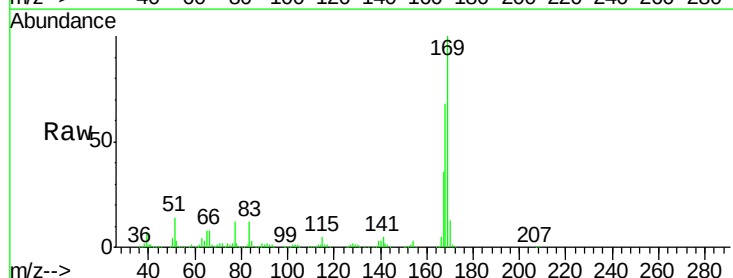
Tgt Ion:169 Resp: 1561348

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

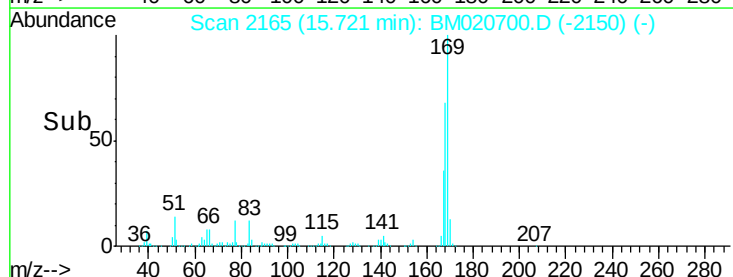
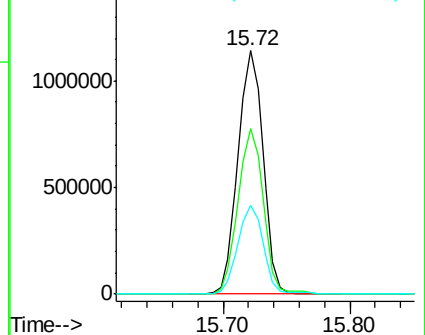
167 36.4 29.1 43.7

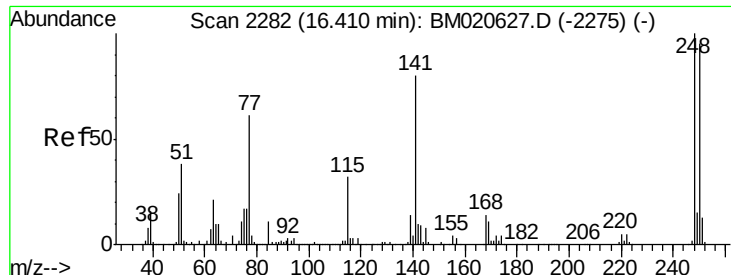


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





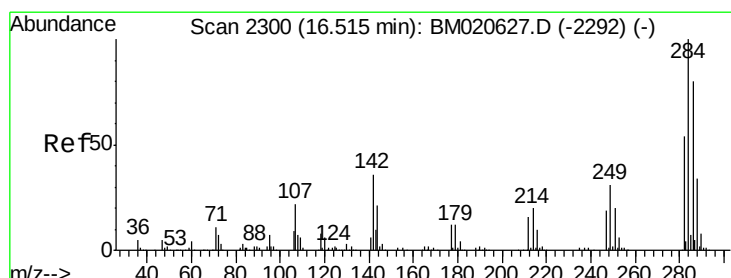
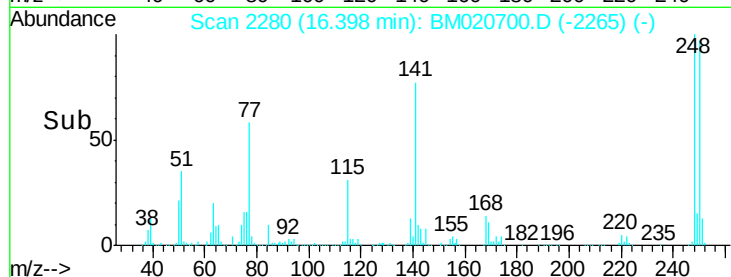
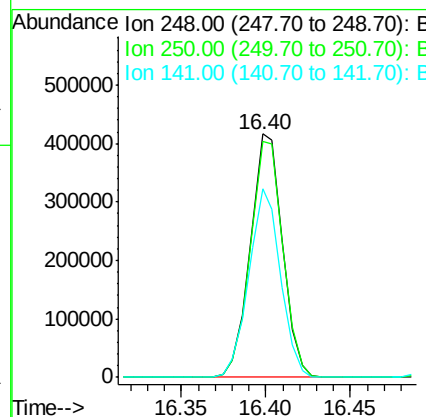
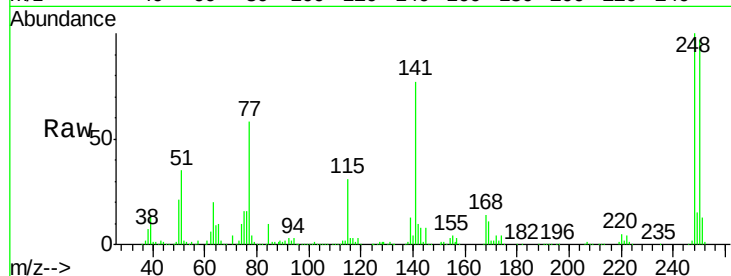
#67
4-Bromophenyl-phenylether
Concen: 41.876 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.3	114.5
141	77.4	64.2	96.2

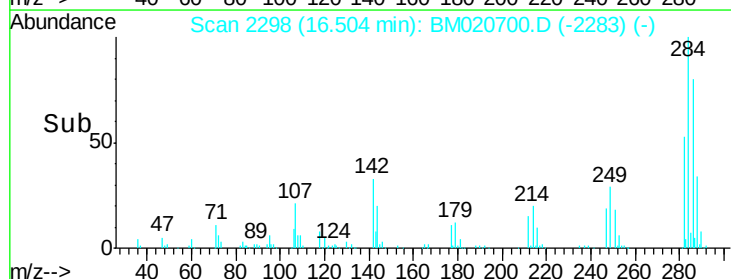
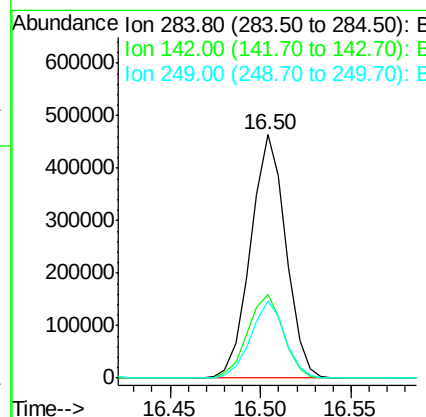
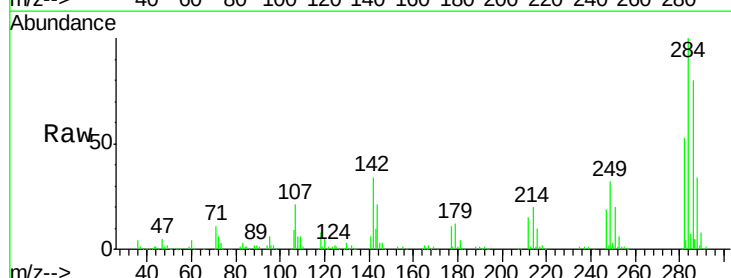
Manual Integrations
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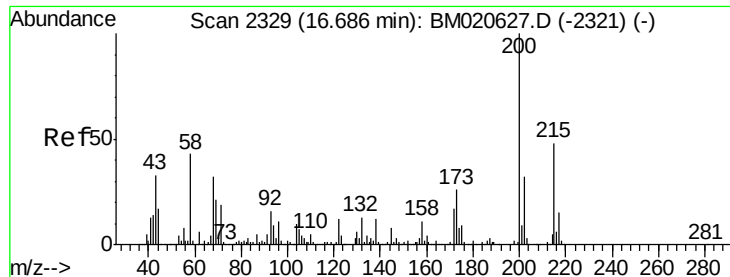
mohammad
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#68
Hexachlorobenzene
Concen: 40.789 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	28.6	42.8
249	31.6	25.0	37.4





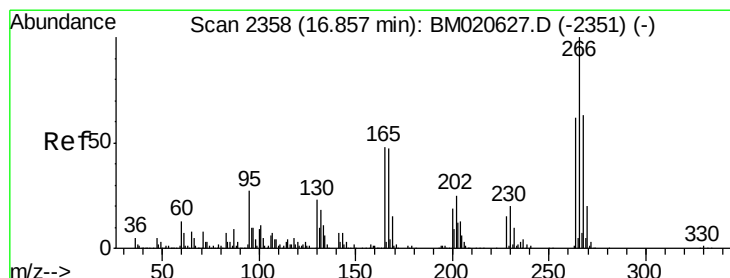
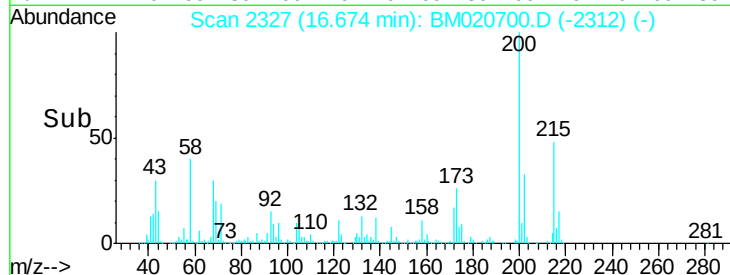
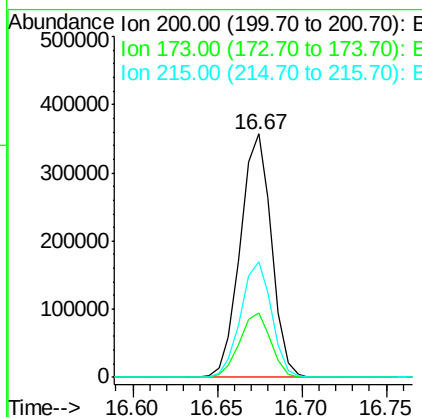
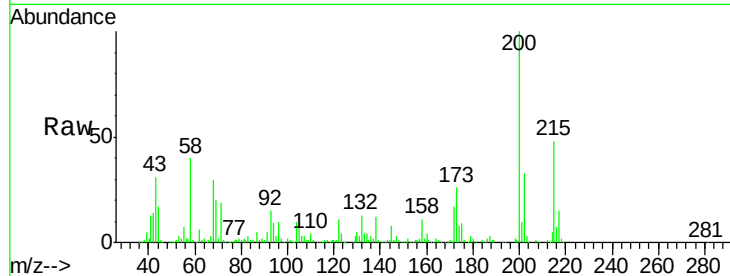
#69
 Atrazine
 Concen: 43.041 ng
 RT: 16.67 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion:	200	Resp:	459870
Ion Ratio	Lower	Upper	
200	100		
173	26.5	6.2	46.2
215	47.6	27.7	67.7

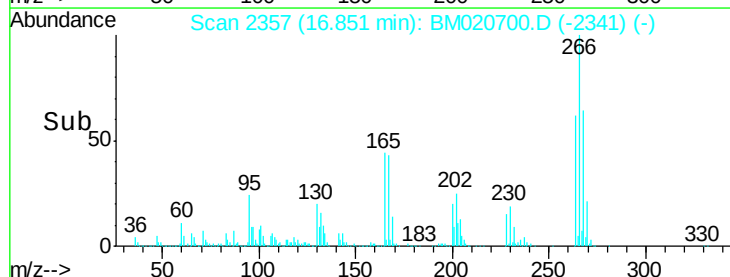
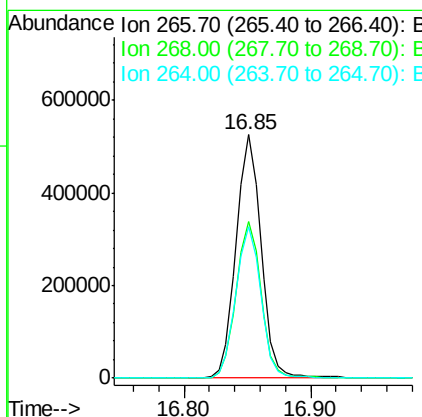
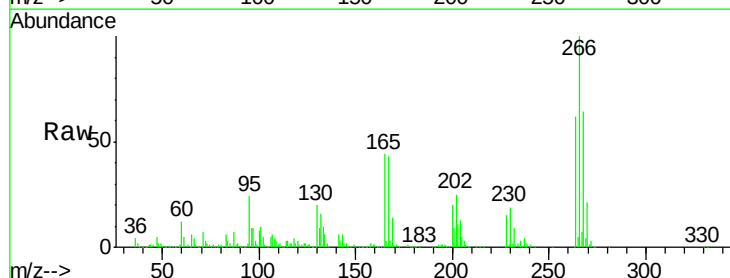
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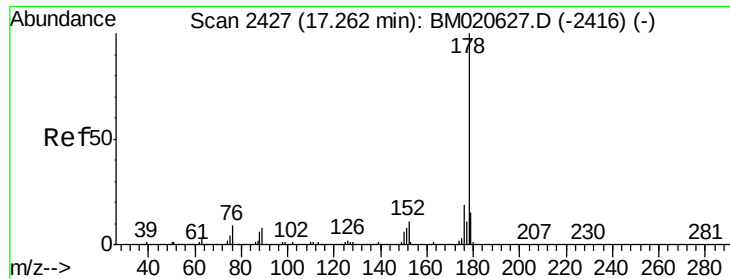
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#70
 Pentachlorophenol
 Concen: 97.817 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Tgt Ion:	266	Resp:	717476
Ion Ratio	Lower	Upper	
266	100		
268	64.4	50.6	75.8
264	62.0	49.6	74.4





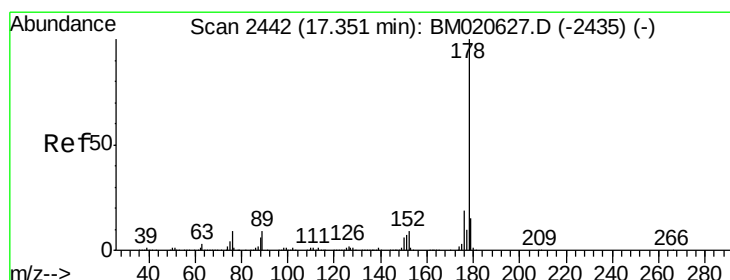
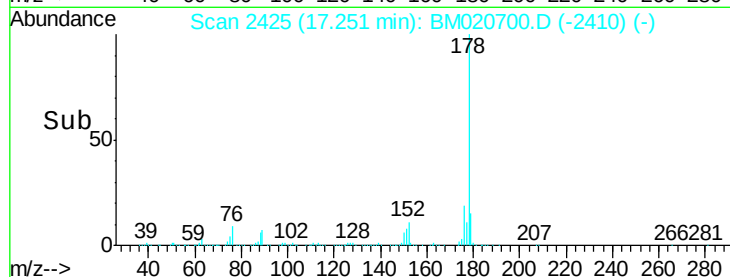
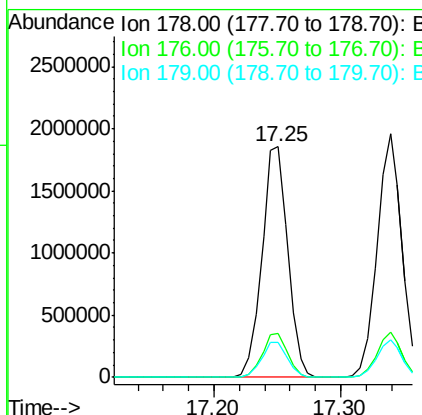
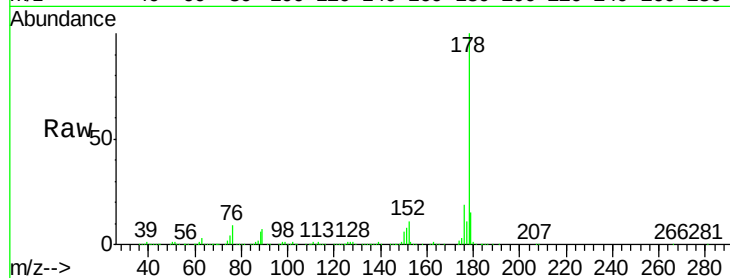
#71
Phenanthrene
Concen: 41.440 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampled :
PB120177BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.2	12.2	18.4

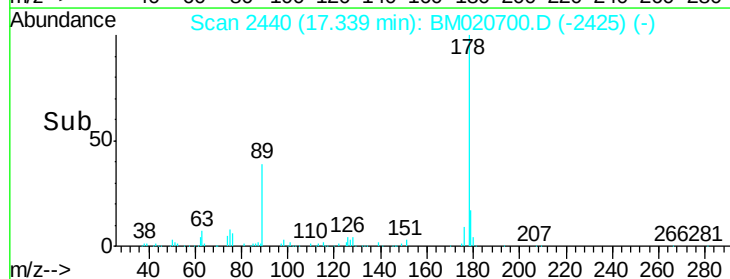
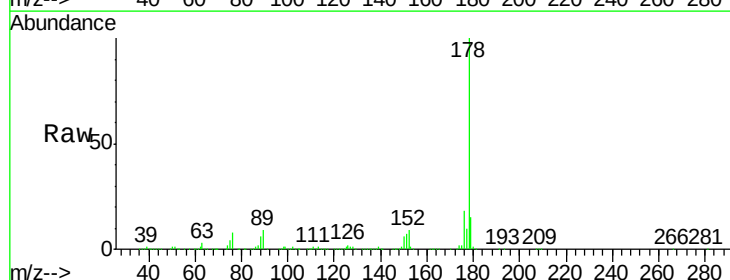
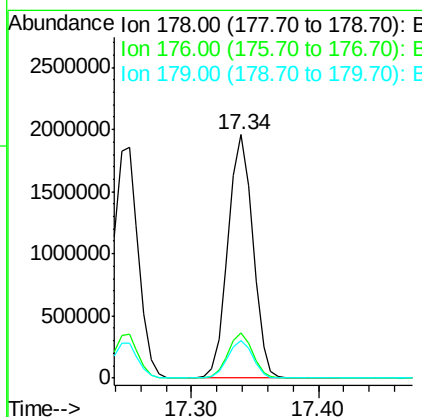
Manual Integrations
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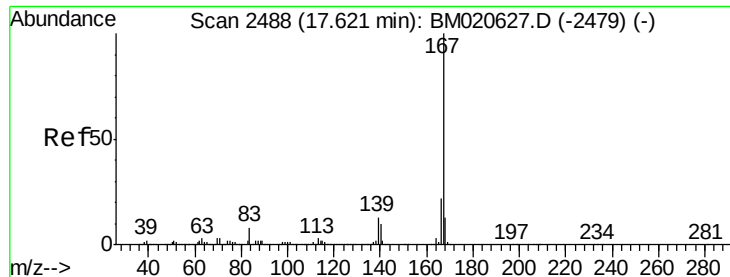
mohammad
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#72
Anthracene
Concen: 41.781 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

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





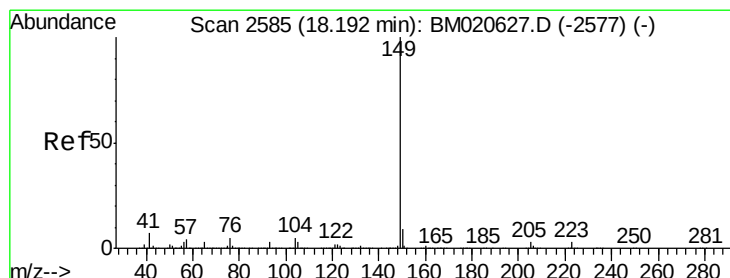
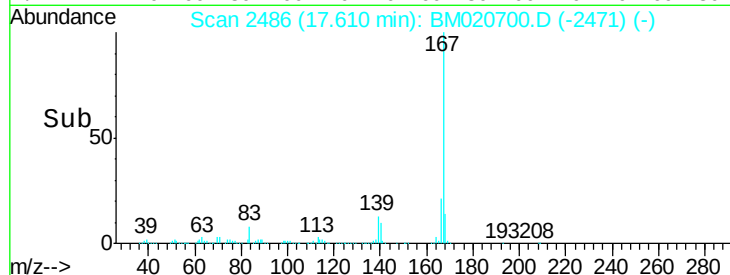
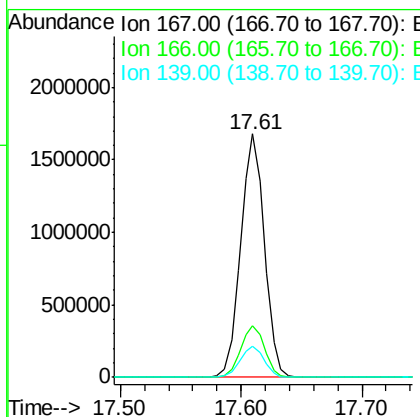
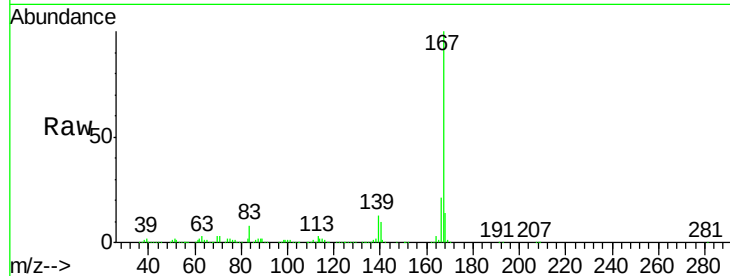
#73
 Carbazole
 Concen: 39.842 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	13.0	10.6	15.8

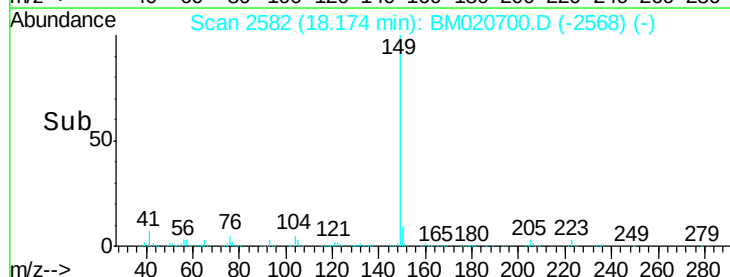
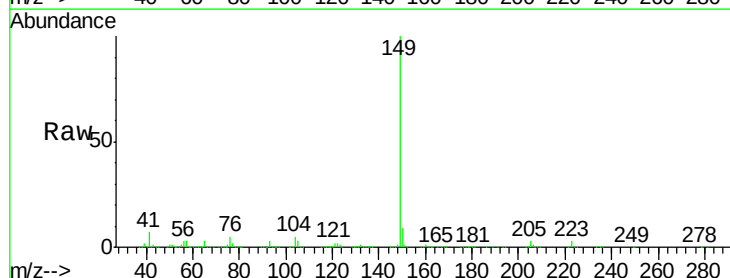
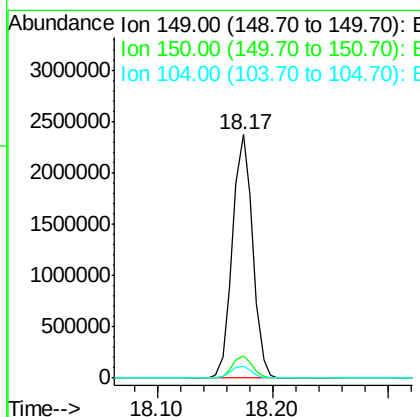
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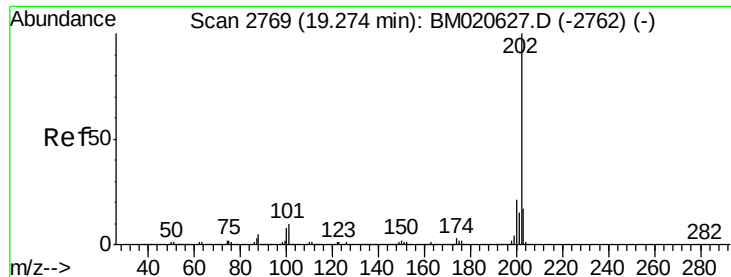
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.484 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 38.691 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

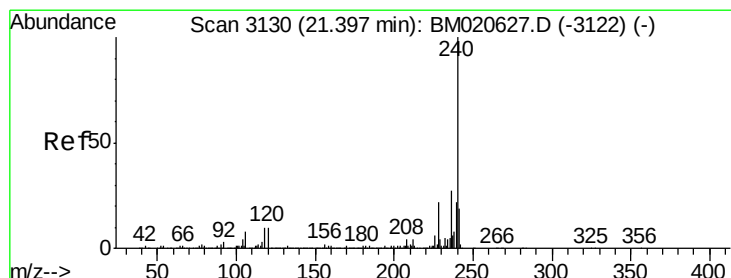
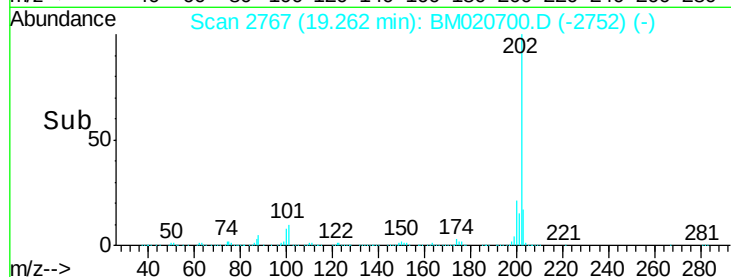
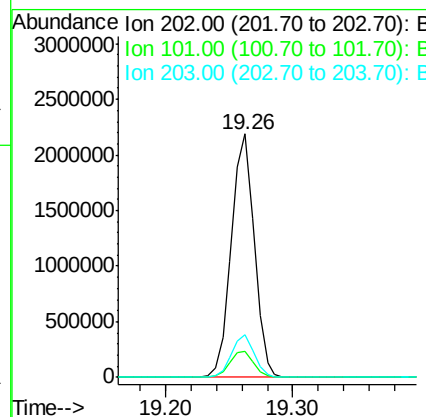
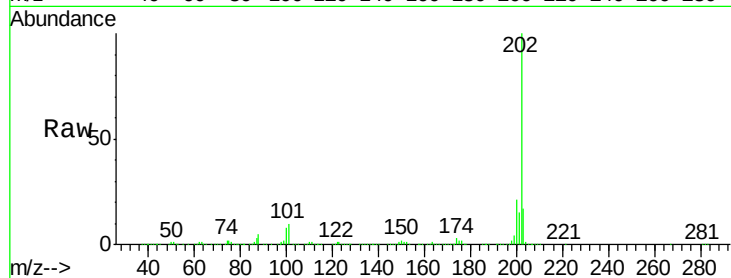
ClientSampleId :

PB120177BS

Tot Ion:	202	Resp:	2727486
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.4	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

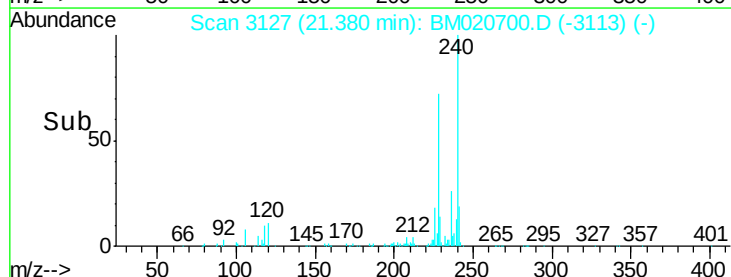
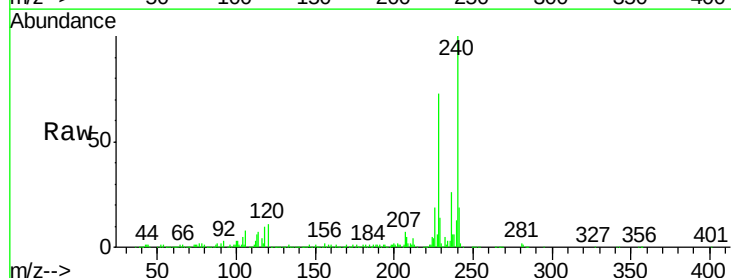
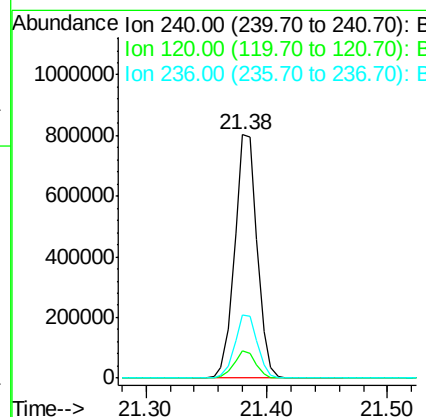
RT: 21.38 min Scan# 3127

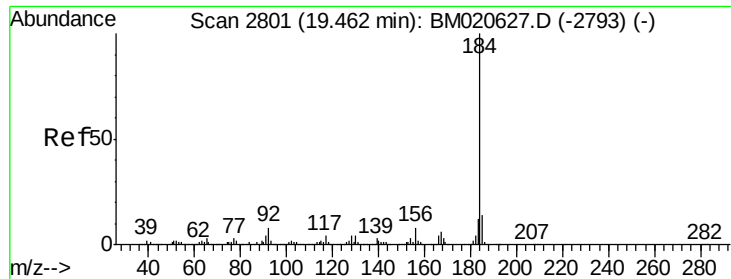
Delta R.T. -0.02 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Tgt Ion:	240	Resp:	1037811
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.2	12.2
236	26.1	21.2	31.8





#77

Benzidine

Concen: 32.810 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion:184 Resp: 1031766

Ion Ratio Lower Upper

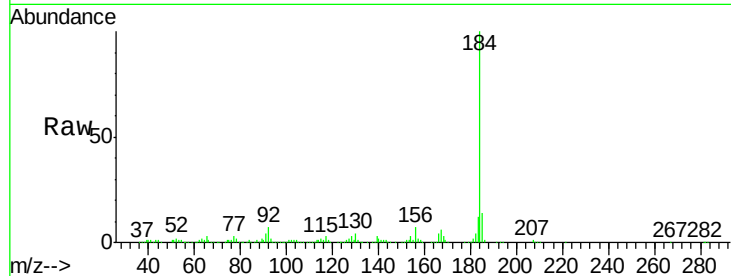
184 100

185 13.8 11.3 16.9

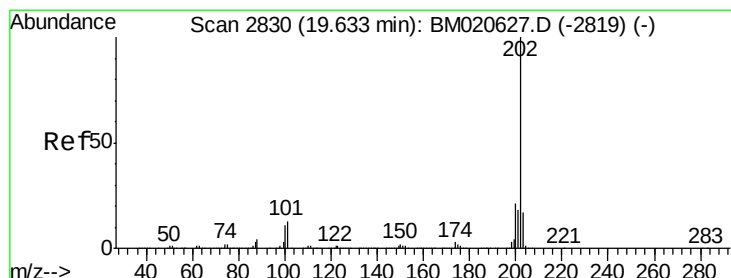
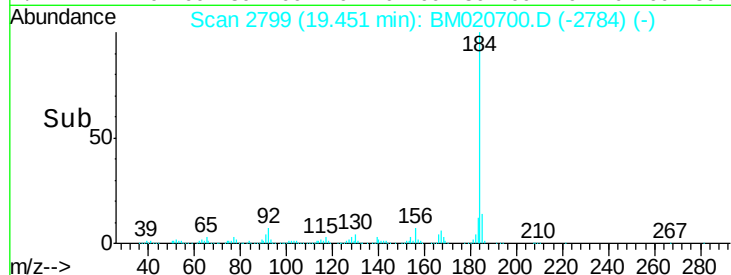
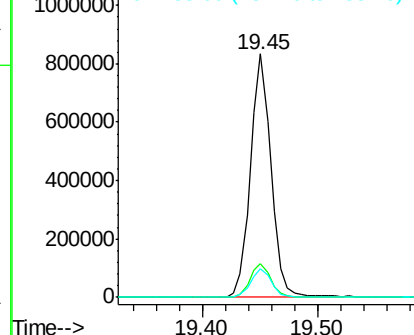
183 11.8 9.8 14.6

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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: 35.031 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

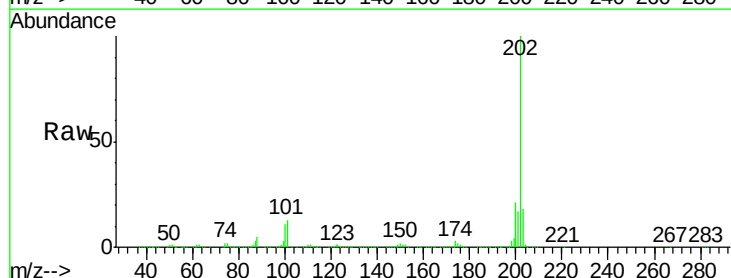
Tgt Ion:202 Resp: 2789911

Ion Ratio Lower Upper

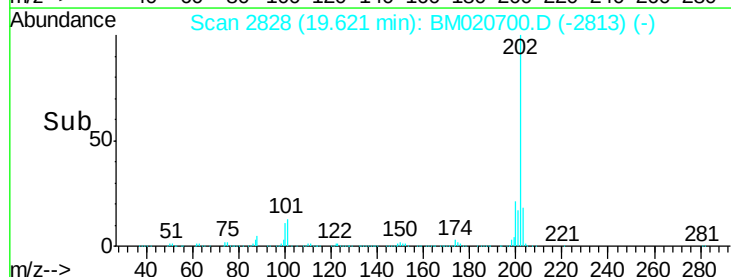
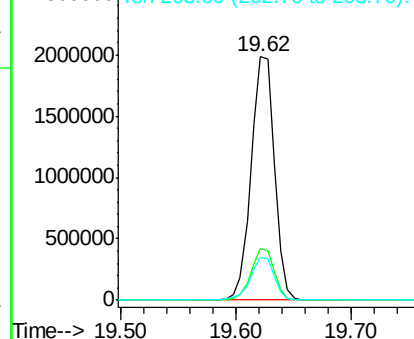
202 100

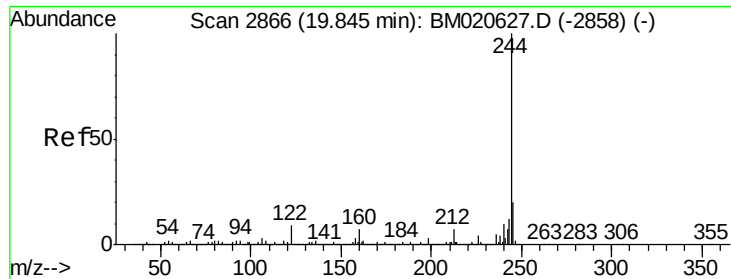
200 21.1 16.8 25.2

203 17.5 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





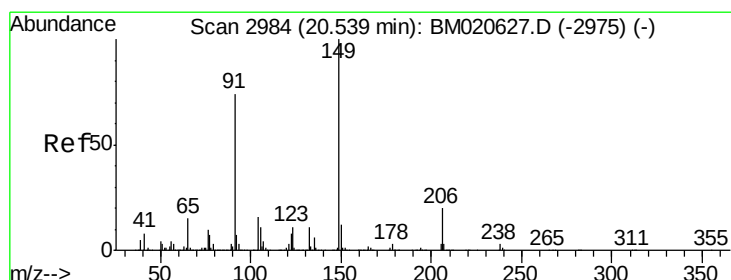
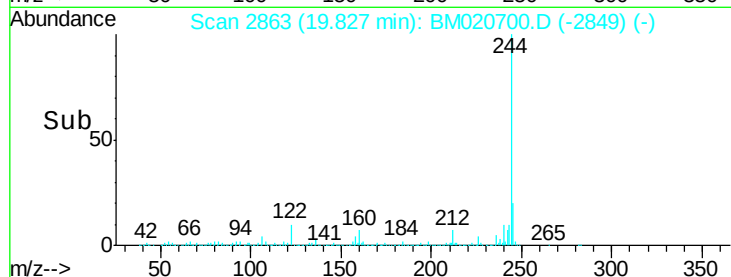
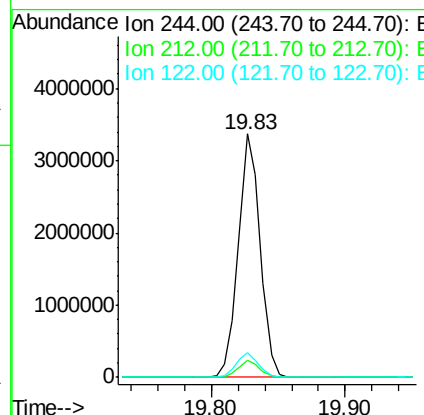
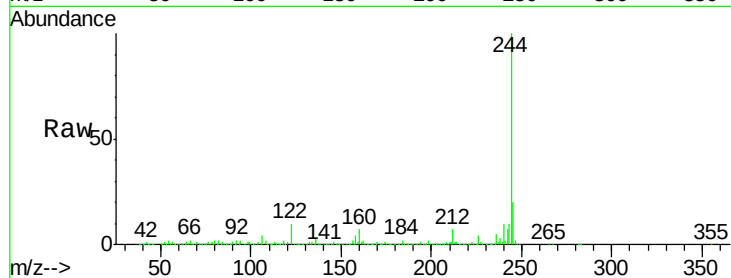
#79
 Terphenyl-d14
 Concen: 62.304 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion:244 Resp: 3865685
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.0 7.2 10.8

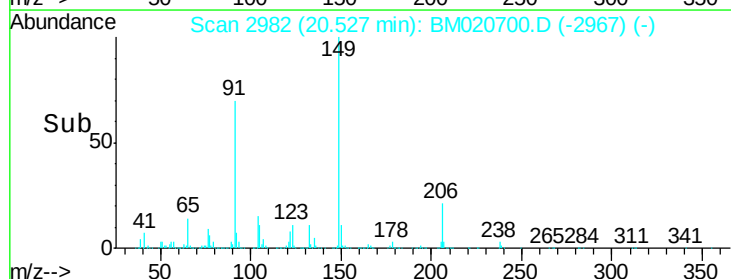
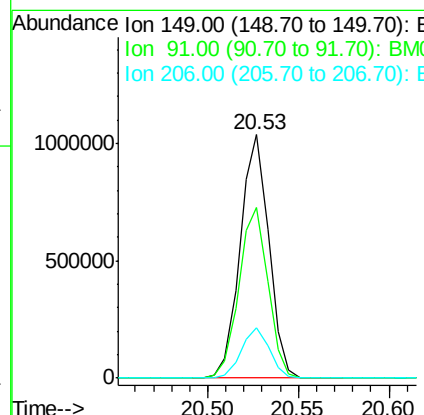
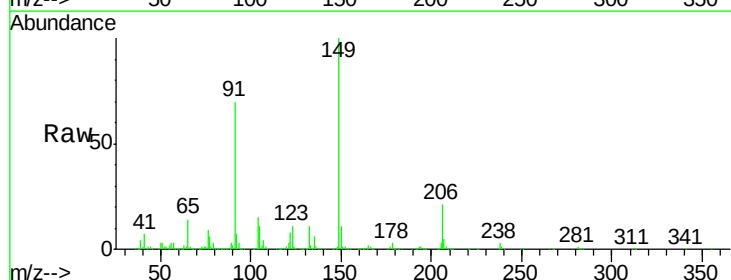
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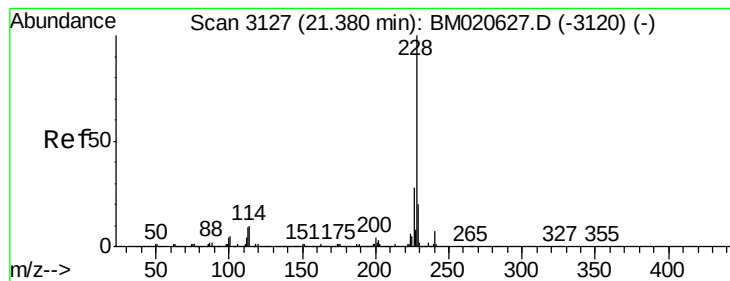
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#80
 Butylbenzylphthalate
 Concen: 33.802 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020700.D
 Acq: 04 Jun 2019 11:18

Tgt Ion:149 Resp: 1137640
 Ion Ratio Lower Upper
 149 100
 91 70.0 59.6 89.4
 206 20.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 35.415 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion:228 Resp: 2559526

Ion Ratio Lower Upper

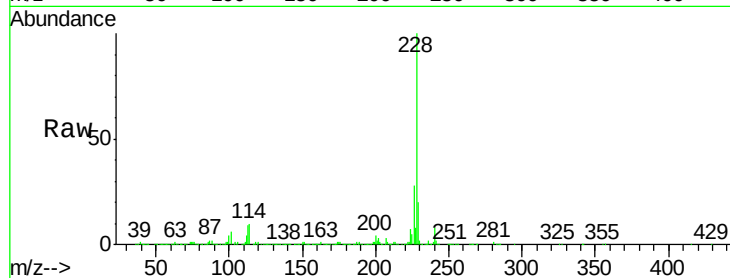
228 100

226 27.6 22.3 33.5

229 19.7 15.9 23.9

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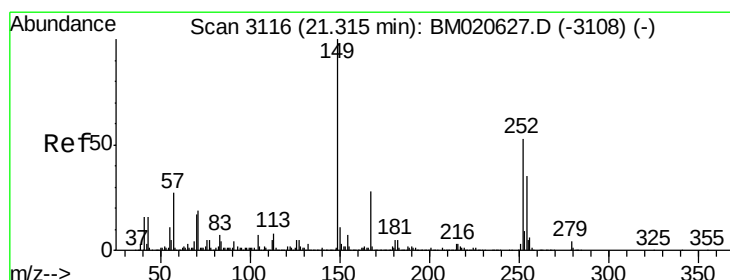
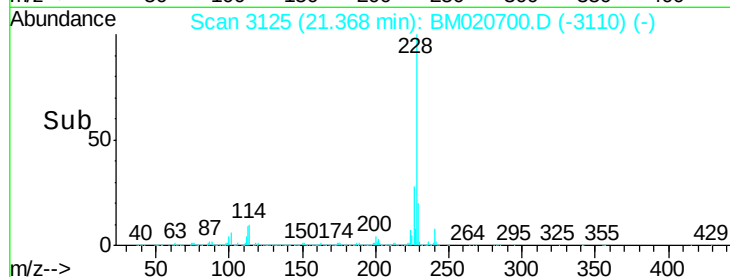
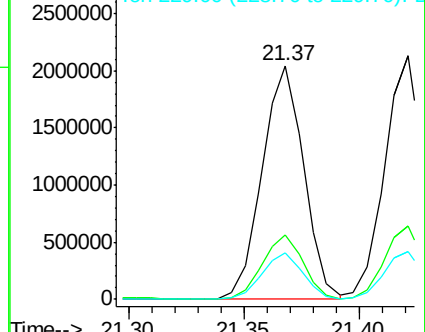
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.915 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

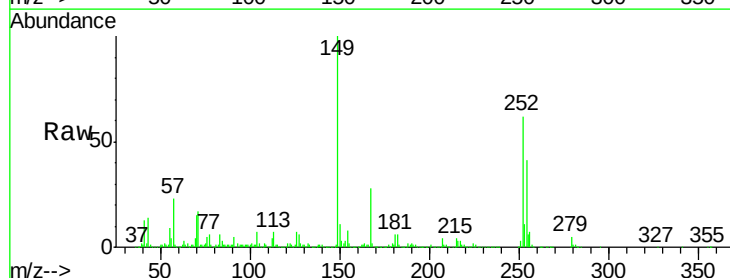
Tgt Ion:252 Resp: 897578

Ion Ratio Lower Upper

252 100

254 65.1 52.6 78.8

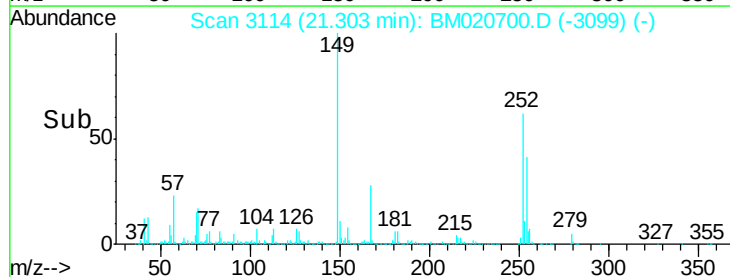
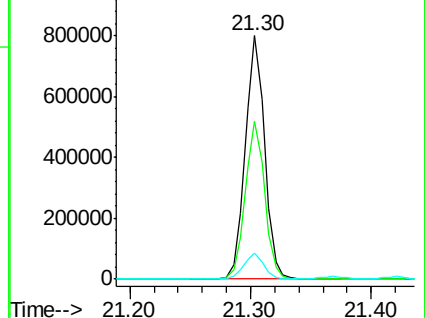
126 10.5 8.0 12.0

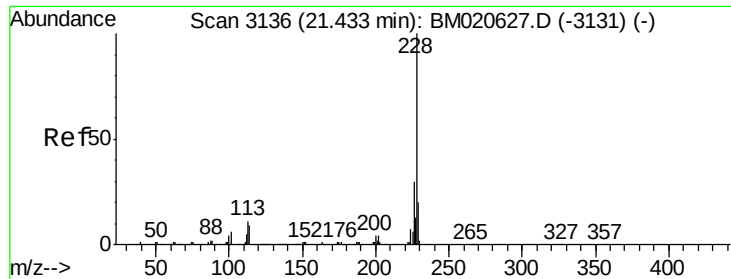


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





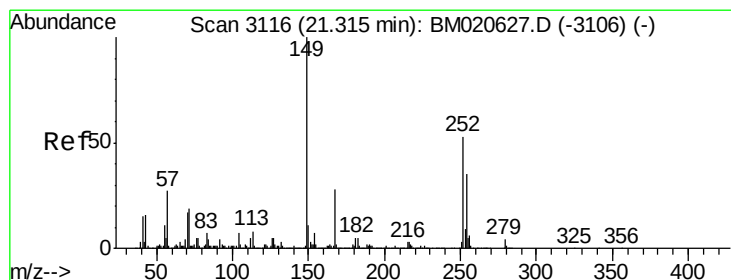
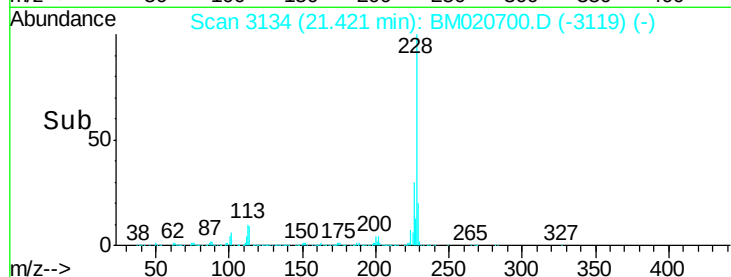
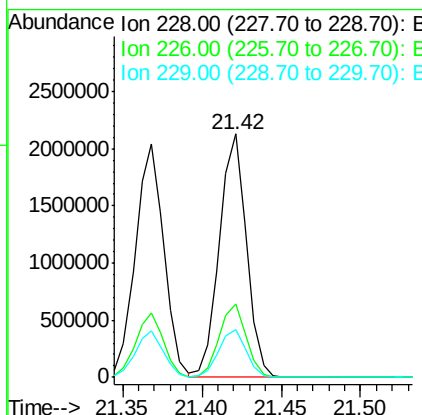
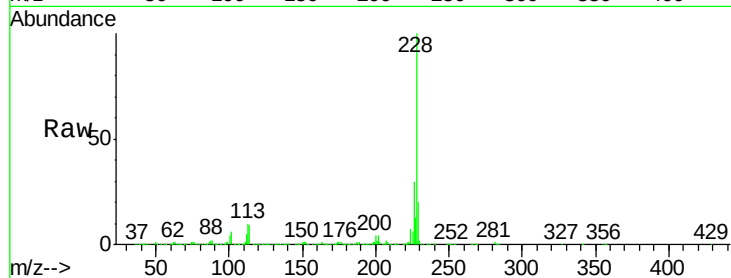
#83
Chrysene
Concen: 36.746 ng
RT: 21.42 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion:228 Resp: 2524448
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.8 15.8 23.6

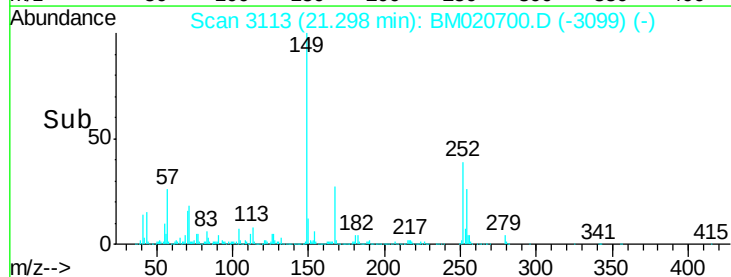
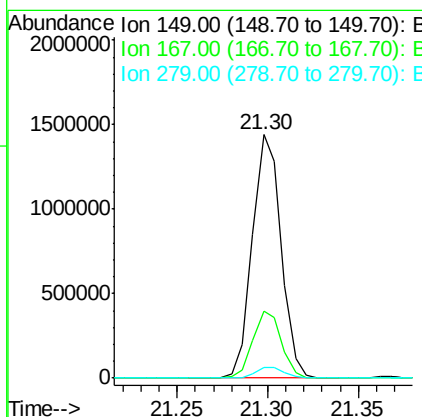
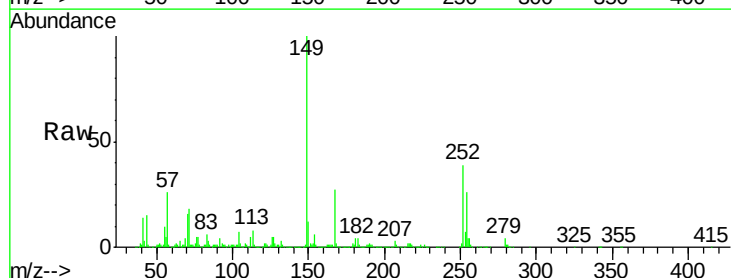
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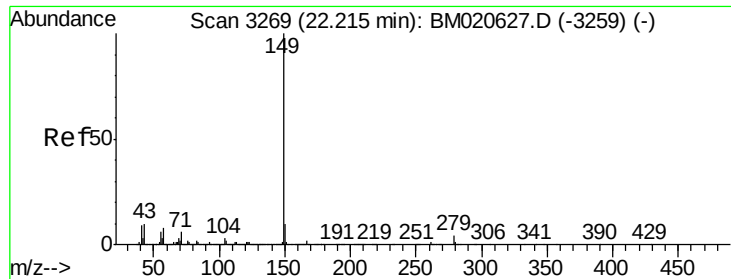
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#84
Bis(2-ethylhexyl)phthalate
Concen: 32.360 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.02 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion:149 Resp: 1582867
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.4 3.4 5.0





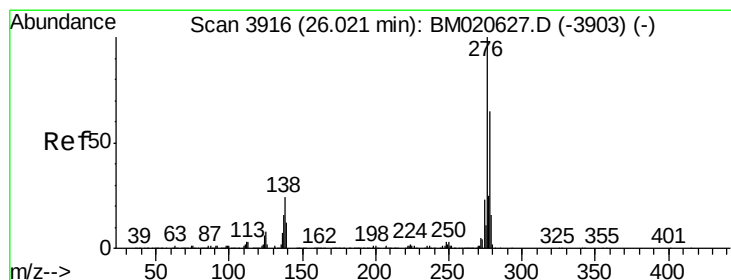
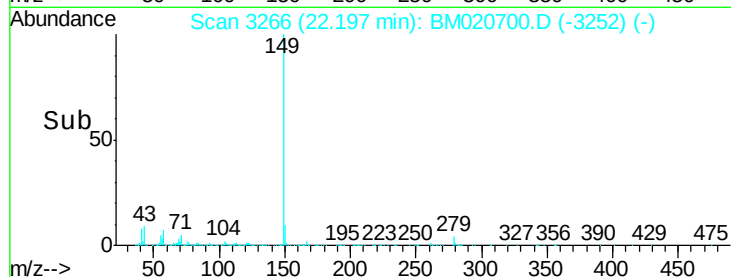
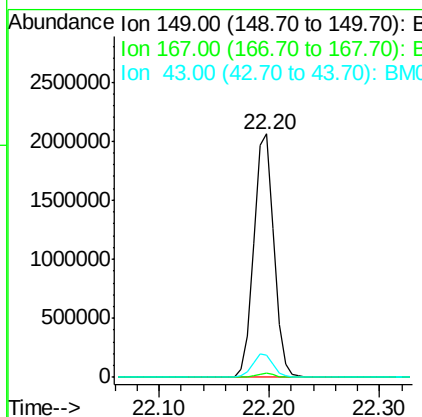
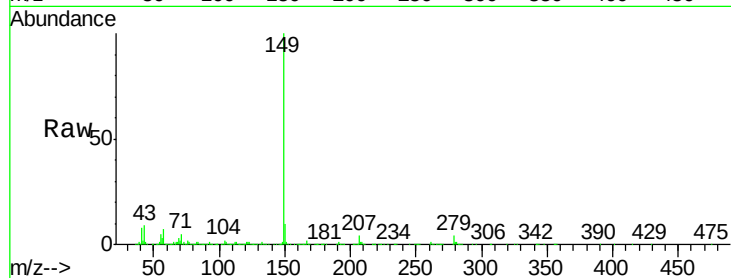
#85
Di-n-octyl phthalate
Concen: 33.839 ng
RT: 22.20 min Scan# 3266
Delta R.T. -0.02 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	8.2	12.4

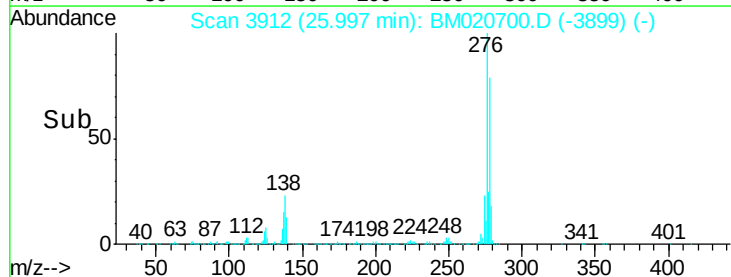
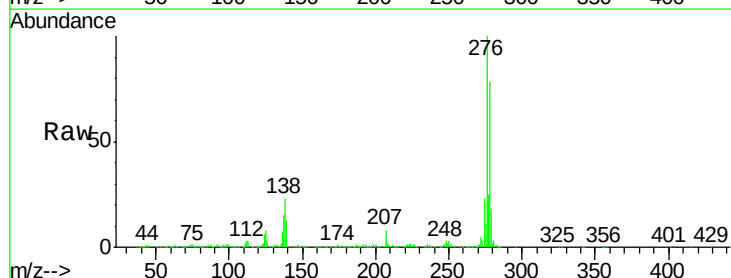
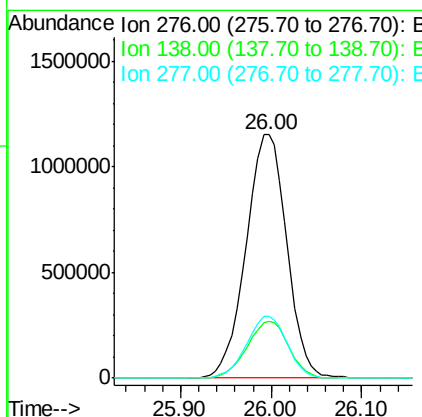
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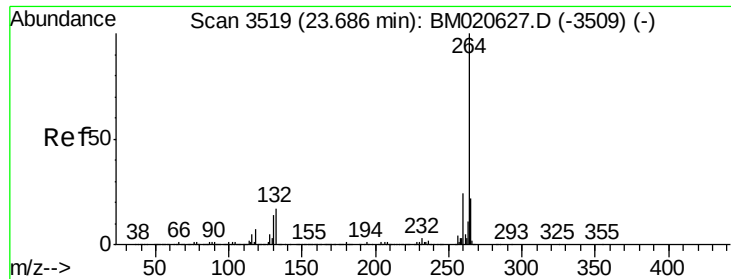
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.266 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.02 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.8
277	25.2	20.2	30.4





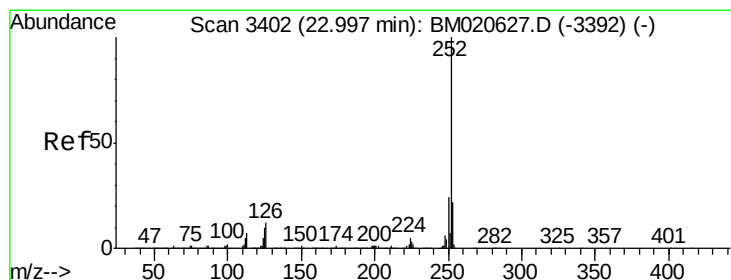
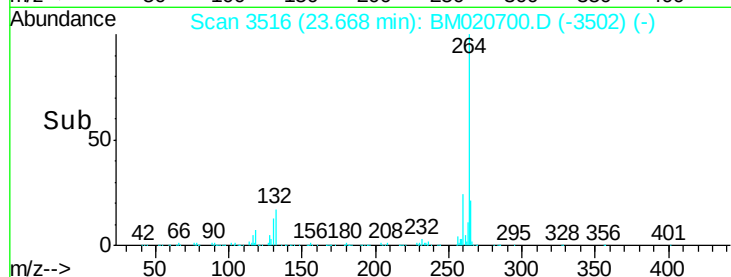
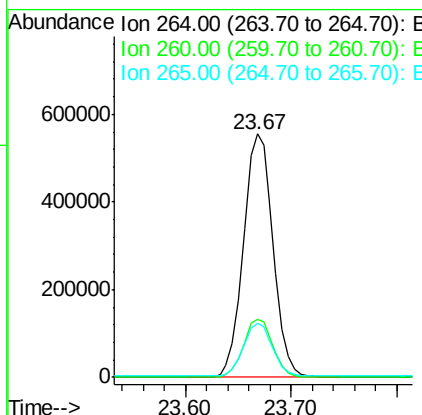
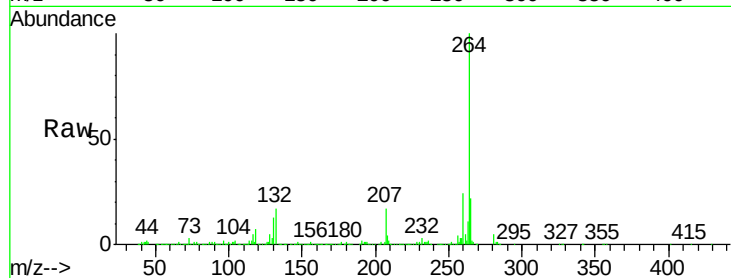
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion:264 Resp: 1081363
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.0 17.6 26.4

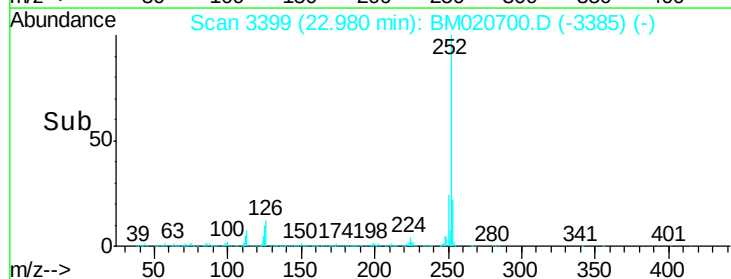
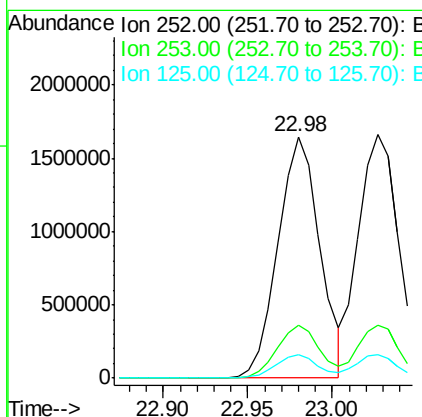
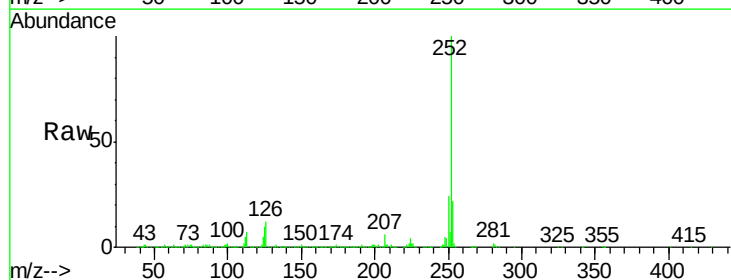
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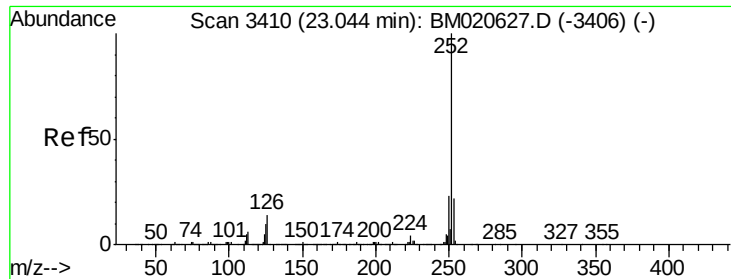
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#88
Benzo(b)fluoranthene
Concen: 39.504 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion:252 Resp: 2823445
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.5 7.8 11.8





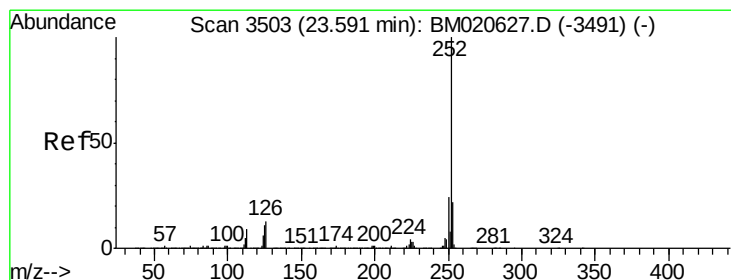
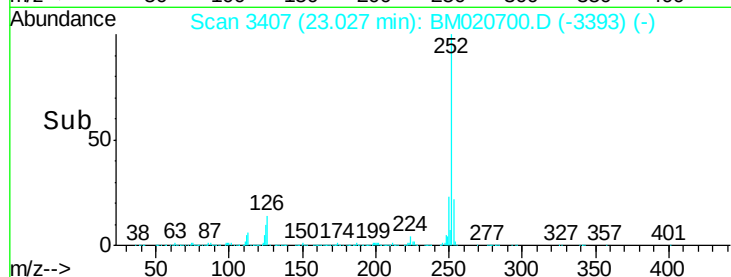
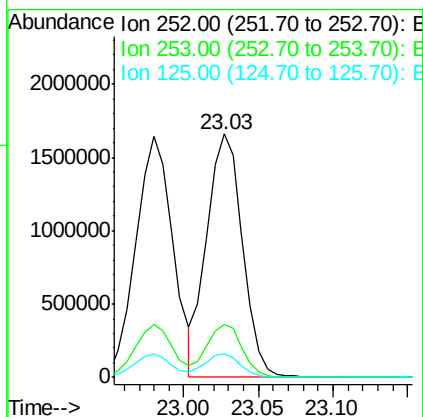
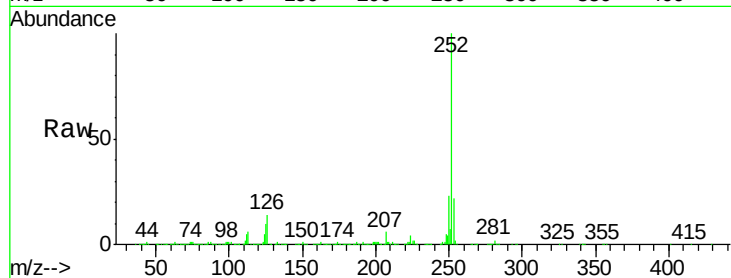
#89
Benzo(k)fluoranthene
Concen: 39.385 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion:252 Resp: 2750868
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.7 7.8 11.8

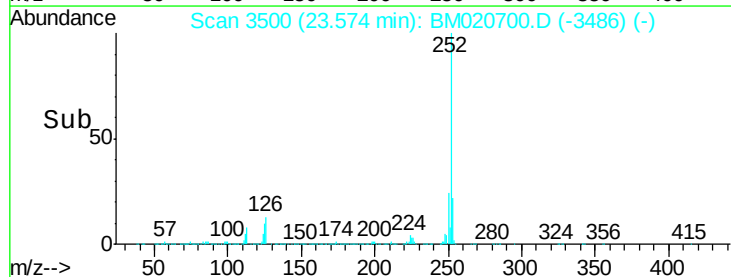
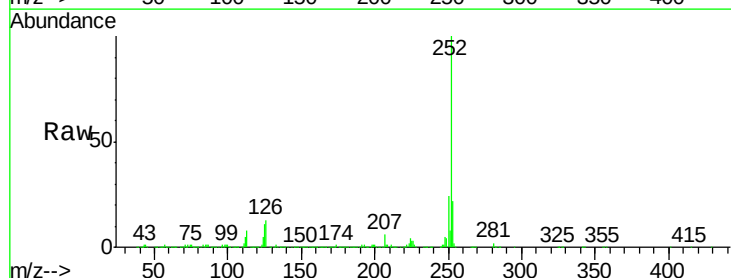
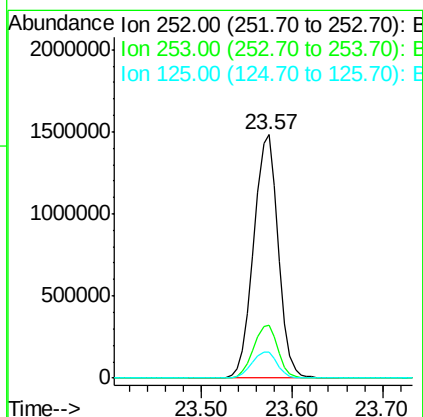
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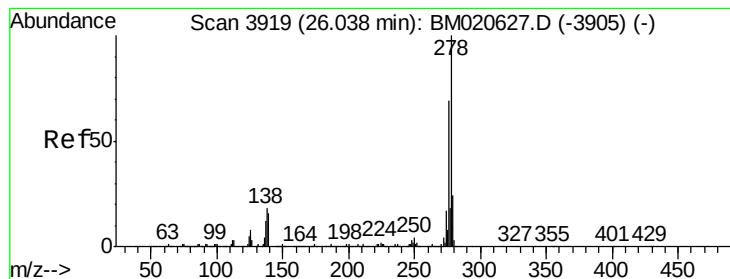
mohammad
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#90
Benzo(a)pyrene
Concen: 42.814 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020700.D
Acq: 04 Jun 2019 11:18

Tgt Ion:252 Resp: 2775529
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 48.153 ng

RT: 26.01 min Scan# 3914

Delta R.T. -0.03 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion:278 Resp: 3028577

Ion Ratio Lower Upper

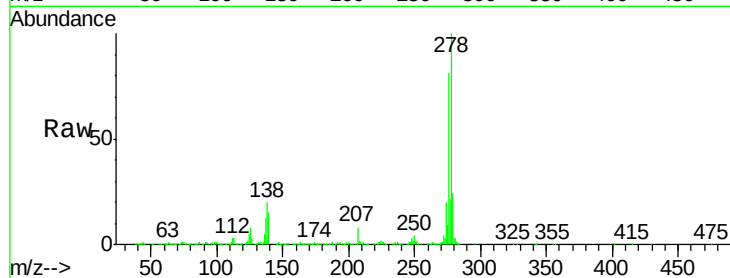
278 100

139 15.1 12.6 18.8

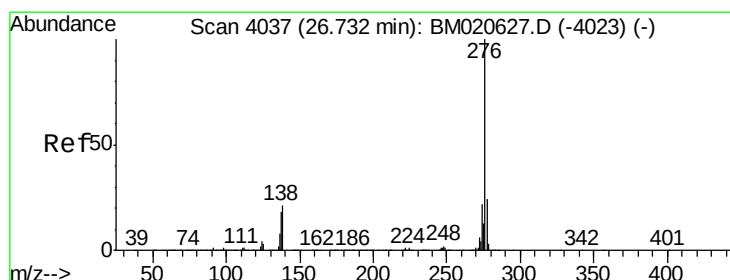
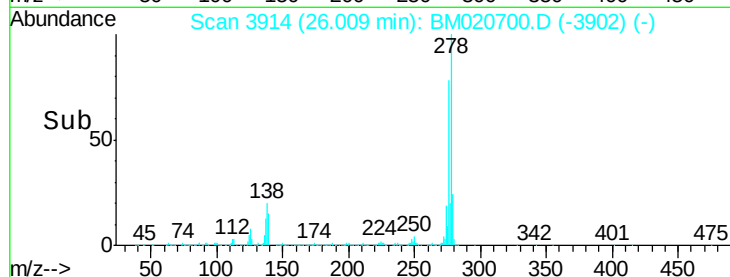
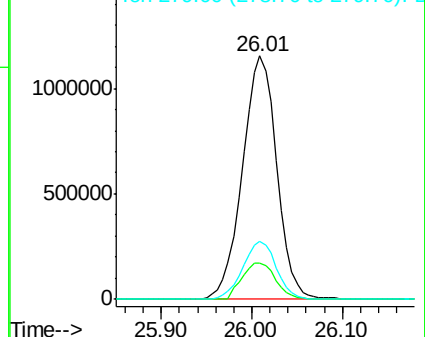
279 23.8 19.0 28.6

Manual Integrations
APPROVED

mohammad
6/5/2019 8:46:26 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: 50.279 ng

RT: 26.71 min Scan# 4033

Delta R.T. -0.02 min

Lab File: BM020700.D

Acq: 04 Jun 2019 11:18

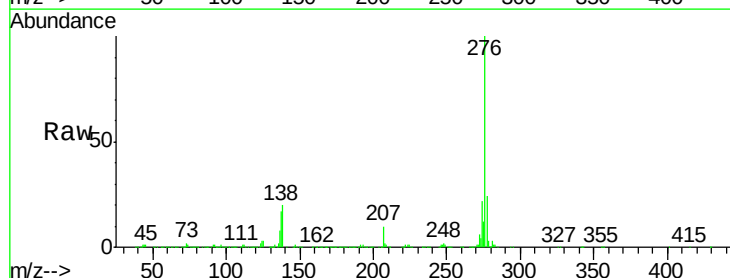
Tgt Ion:276 Resp: 2937301

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 20.4 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

