

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
 Data File : BM022771.D
 Acq On : 25 Sep 2019 14:50
 Operator : JU
 Sample : PB123298BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:54:46 PM

Quant Time: Sep 26 06:25:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	246198	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	975752	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	543756	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	1013296	20.00	ng	0.00
76) Chrysene-d12	21.37	240	791783	20.00	ng	0.00
87) Perylene-d12	23.64	264	698960	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1695019	109.19	ng	0.00
7) Phenol-d6	6.99	99	2112753	105.96	ng	0.00
23) Nitrobenzene-d5	8.97	82	1145364	65.16	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	765780	112.81	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2713698	68.72	ng	0.00
79) Terphenyl-d14	19.82	244	3277819	80.16	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	236245	37.821	ng	# 100
3) Pyridine	3.72	79	567132	34.446	ng	99
4) n-Nitrosodimethylamine	3.62	42	255215	42.580	ng	# 99
6) Aniline	7.15	93	892517	37.332	ng	99
8) 2-Chlorophenol	7.39	128	728453	46.057	ng	99
9) Benzaldehyde	6.96	77	365596	32.203	ng	99
10) Phenol	7.02	94	836205	44.548	ng	100
11) bis(2-Chloroethyl)ether	7.25	93	645227	43.751	ng	99
12) 1,3-Dichlorobenzene	7.71	146	784046	41.476	ng	100
13) 1,4-Dichlorobenzene	7.86	146	803016	41.961	ng	99
14) 1,2-Dichlorobenzene	8.17	146	756292	41.452	ng	99
15) Benzyl Alcohol	8.06	79	556748	44.626	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.35	45	867139	40.477	ng	100
17) 2-Methylphenol	8.26	107	558134	44.922	ng	99
18) Hexachloroethane	8.90	117	288405	41.089	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	477722	42.907	ng	99
20) 3+4-Methylphenols	8.59	107	742578	44.872	ng	98
22) Acetophenone	8.64	105	962099	39.945	ng	# 99
24) Nitrobenzene	9.02	77	708049	42.100	ng	98
25) Isophorone	9.55	82	1268881	43.902	ng	100
26) 2-Nitrophenol	9.73	139	359078	49.456	ng	98
27) 2,4-Dimethylphenol	9.79	122	624434	51.373	ng	100
28) bis(2-Chloroethoxy)methane	10.02	93	855561	42.778	ng	100
29) 2,4-Dichlorophenol	10.26	162	645439	46.968	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	710142	42.001	ng	99
31) Naphthalene	10.66	128	2065200	42.836	ng	100
32) Benzoic acid	9.93	122	373463	44.997	ng	98
33) 4-Chloroaniline	10.77	127	459679	21.960	ng	99
34) Hexachlorobutadiene	10.96	225	424025	42.071	ng	99
35) Caprolactam	11.56	113	172530m	42.348	ng	
36) 4-Chloro-3-methylphenol	11.89	107	606947	45.269	ng	99
37) 2-Methylnaphthalene	12.27	142	1472014	43.863	ng	99
38) 1-Methylnaphthalene	12.50	142	1363258	42.795	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	785760	42.647	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	1042803	103.733	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	494521	46.504	ng	100
44) 2,4,5-Trichlorophenol	12.95	196	532104	48.017	ng	98
46) 1,1'-Biphenyl	13.29	154	1842778	40.948	ng	100
47) 2-Chloronaphthalene	13.33	162	1415283	42.193	ng	98
48) 2-Nitroaniline	13.53	65	355663	40.720	ng	99
49) Acenaphthylene	14.17	152	2186438	44.018	ng	100
50) Dimethylphthalate	13.92	163	1649021	41.964	ng	100
51) 2,6-Dinitrotoluene	14.03	165	365653	44.485	ng	96
52) Acenaphthene	14.52	154	1328263	40.874	ng	99
53) 3-Nitroaniline	14.35	138	259515	27.425	ng	99
54) 2,4-Dinitrophenol	14.56	184	388638	86.638	ng	97
55) Dibenzofuran	14.85	168	2038198	42.962	ng	99
56) 4-Nitrophenol	14.66	139	625162	85.954	ng	97
57) 2,4-Dinitrotoluene	14.81	165	481866	44.749	ng	100
58) Fluorene	15.50	166	1624894	42.148	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	446489	46.199	ng	97
60) Diethylphthalate	15.28	149	1638685	42.887	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	849593	42.890	ng	99
62) 4-Nitroaniline	15.52	138	371052	37.402	ng	99
63) Azobenzene	15.79	77	1470215	42.609	ng	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	252604	49.370	ng	96
66) n-Nitrosodiphenylamine	15.71	169	1415503	45.726	ng	100
67) 4-Bromophenyl-phenylether	16.39	248	518241	45.983	ng	99
68) Hexachlorobenzene	16.50	284	565923	43.058	ng	99
69) Atrazine	16.66	200	429367	42.667	ng	99
70) Pentachlorophenol	16.84	266	691864	98.706	ng	99
71) Phenanthrene	17.23	178	2393271	41.858	ng	99
72) Anthracene	17.33	178	2419187	43.658	ng	99
73) Carbazole	17.59	167	2127339	41.256	ng	99
74) Di-n-butylphthalate	18.16	149	2683951	45.904	ng	100
75) Fluoranthene	19.25	202	2566371	39.777	ng	98
77) Benzidine	19.43	184	957067	44.061	ng	100
78) Pyrene	19.61	202	2617434	50.443	ng	99
80) Butylbenzylphthalate	20.52	149	1052192	53.355	ng	97
81) Benzo(a)anthracene	21.36	228	2220998	43.280	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	694385	38.156	ng	99
83) Chrysene	21.41	228	2104962	42.311	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1570311	53.741	ng	99
85) Di-n-octyl phthalate	22.18	149	2395751	51.445	ng	98
86) Indeno(1,2,3-cd)pyrene	25.96	276	2029074	34.171	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2016280	47.644	ng	99
89) Benzo(k)fluoranthene	23.01	252	1895618	45.143	ng	99
90) Benzo(a)pyrene	23.54	252	1841704	47.228	ng	99
91) Dibenzo(a,h)anthracene	25.97	278	1733112	42.489	ng	98
92) Benzo(g,h,i)perylene	26.66	276	1657430	42.781	ng	98

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

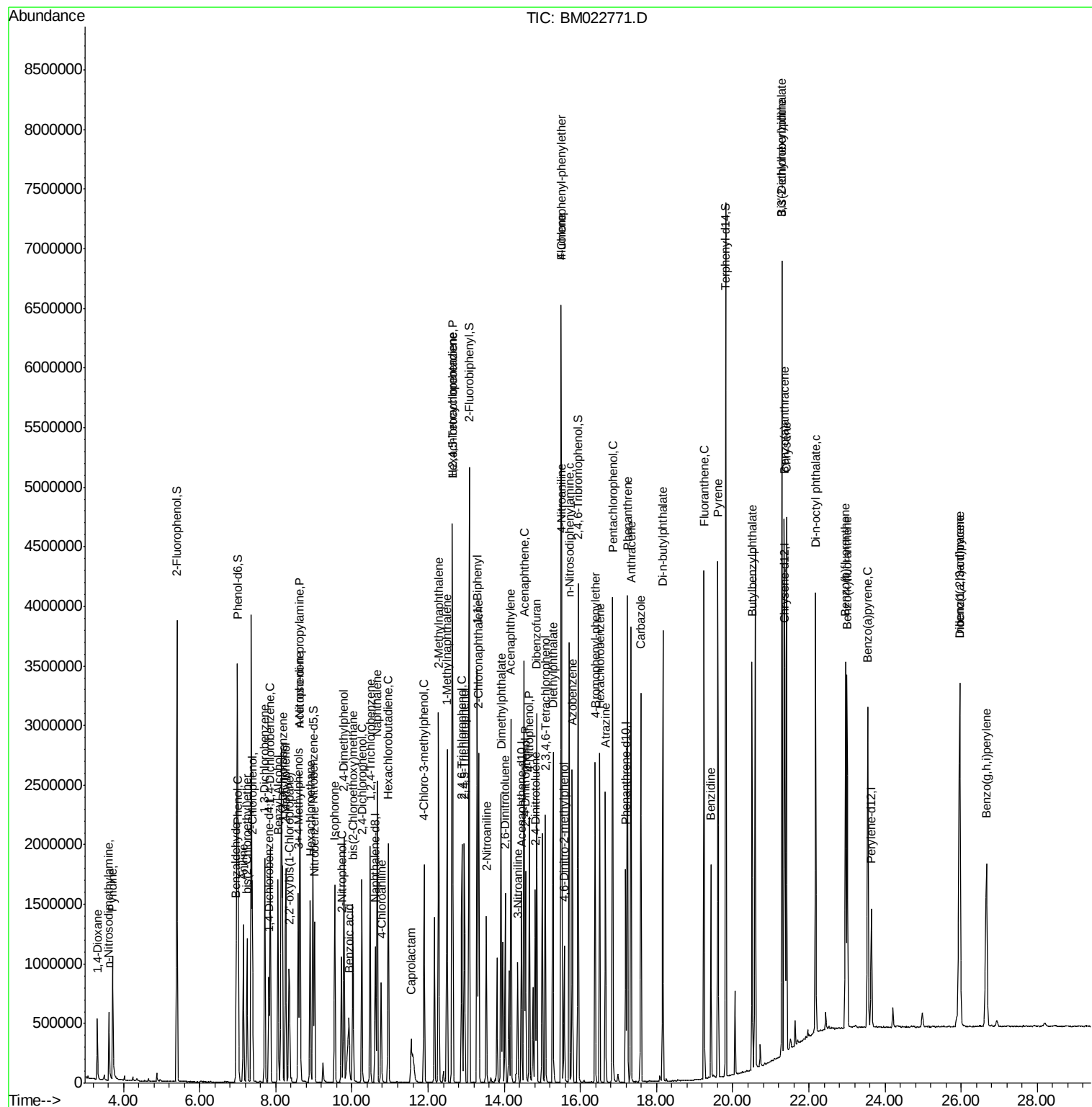
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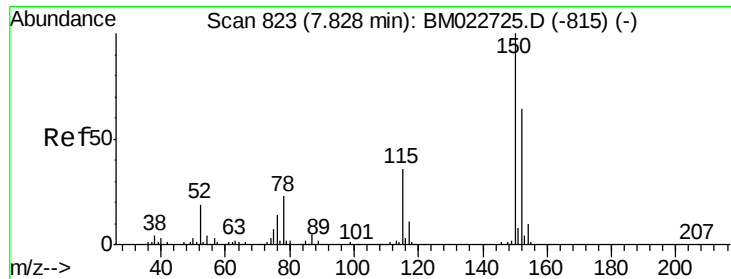
Instrument :
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#1

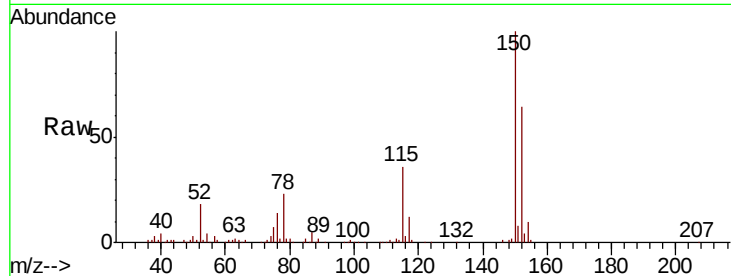
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.5	186.7
115	55.2	45.0	67.4

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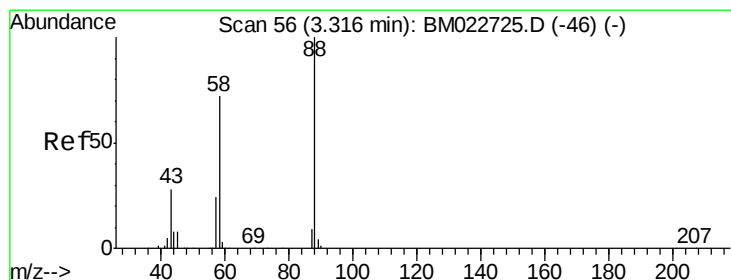
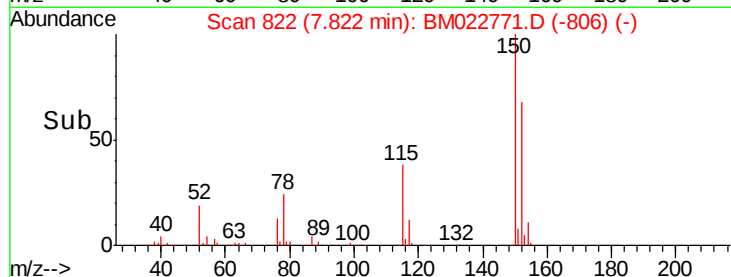
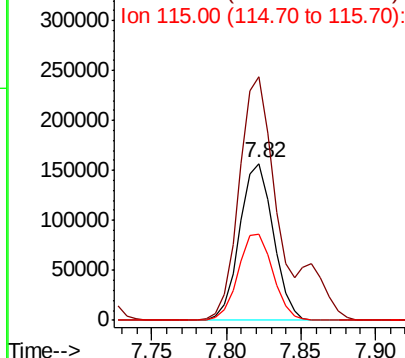


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

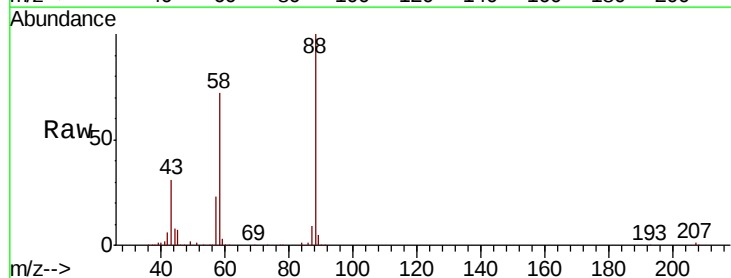
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.821 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.00 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	0.0	0.0#
43	26.4	0.0	0.0#

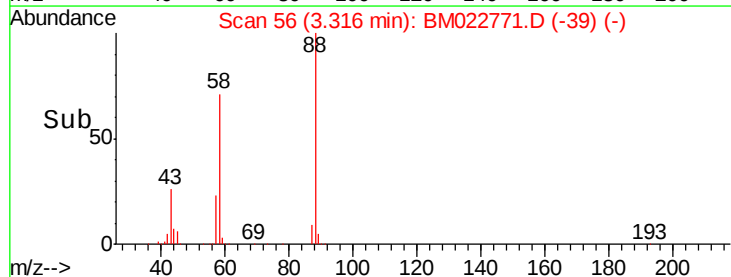
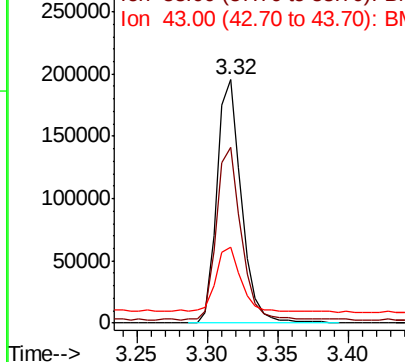


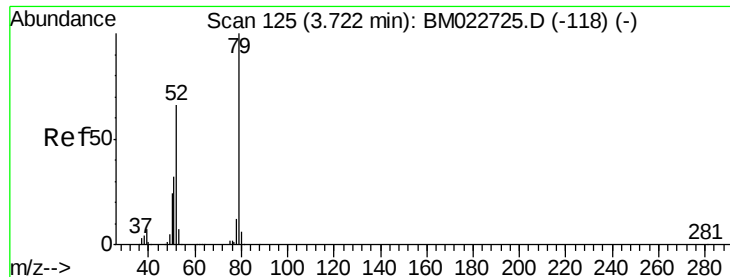
Abundance

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: 34.446 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

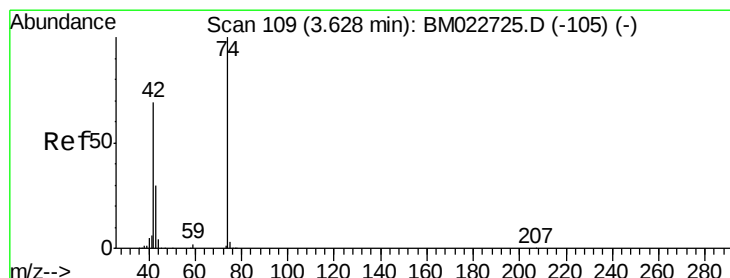
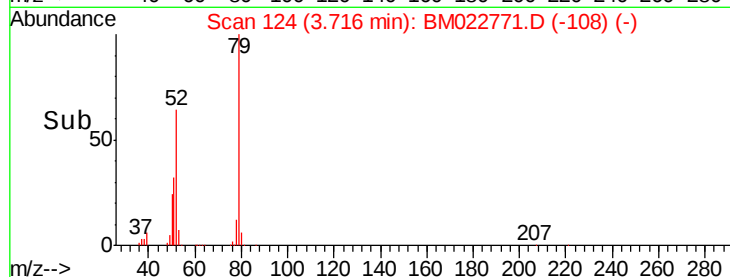
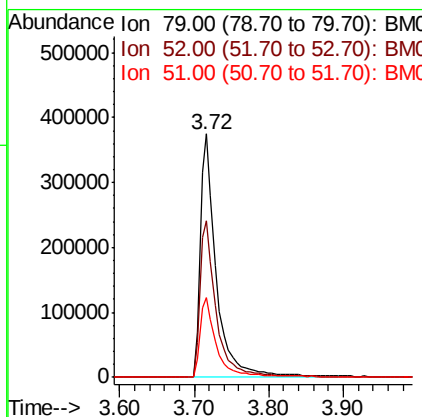
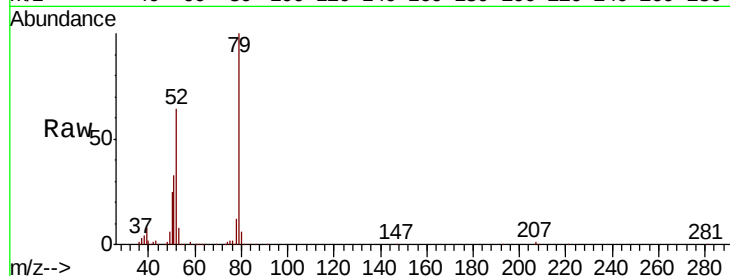
ClientSampleId :

PB123298BS

Tot Ion:	79	Resp:	567132
Ion Ratio	Lower	Upper	
79	100		
52	64.1	52.4	78.6
51	32.7	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 42.580 ng

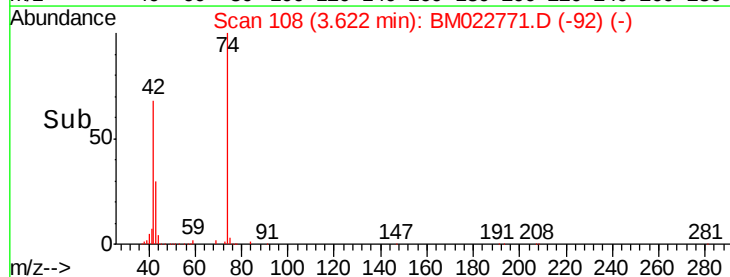
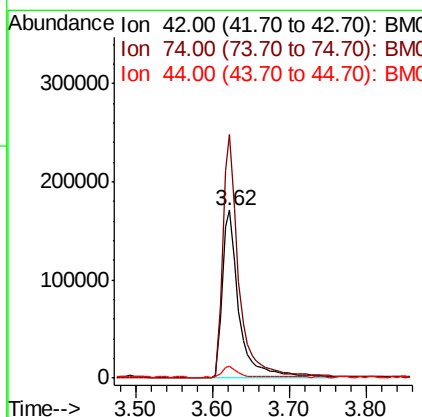
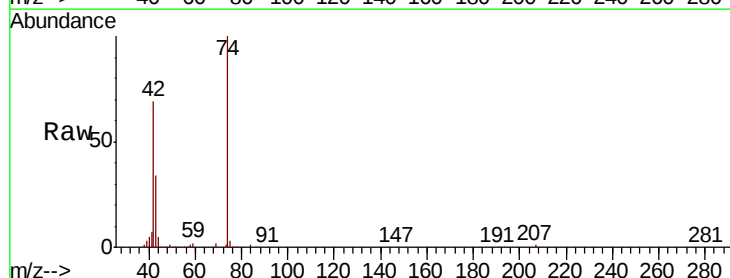
RT: 3.62 min Scan# 108

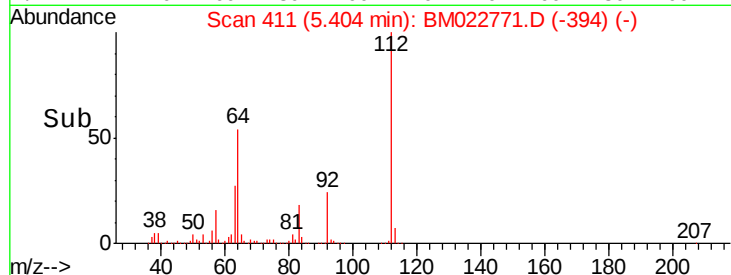
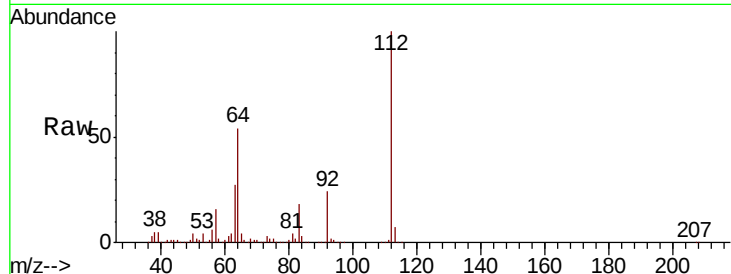
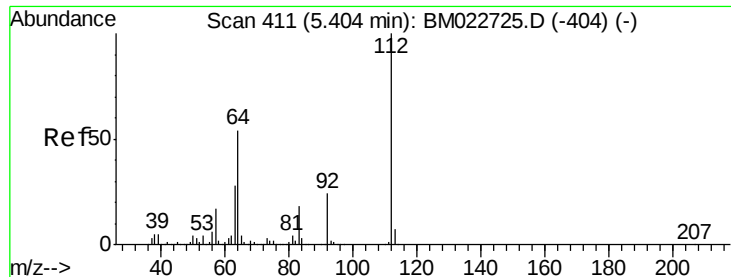
Delta R.T. -0.01 min

Lab File: BM022771.D

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Tgt Ion:	42	Resp:	255215
Ion Ratio	Lower	Upper	
42	100		
74	145.3	116.6	175.0
44	6.9	8.2	12.4





#5

2-Fluorophenol

Concen: 109.190 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

ClientSampleId :

PB123298BS

Tot Ion:112 Resp: 1695019

Ion Ratio Lower Upper

112 100

64 53.7 43.4 65.2

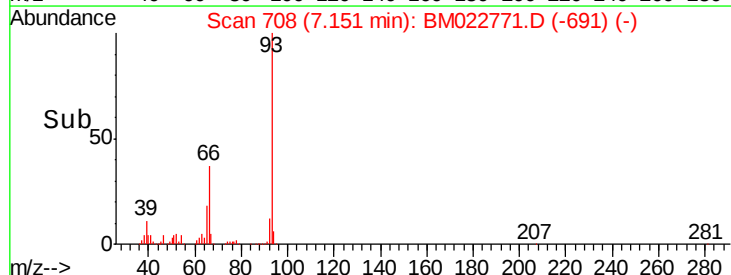
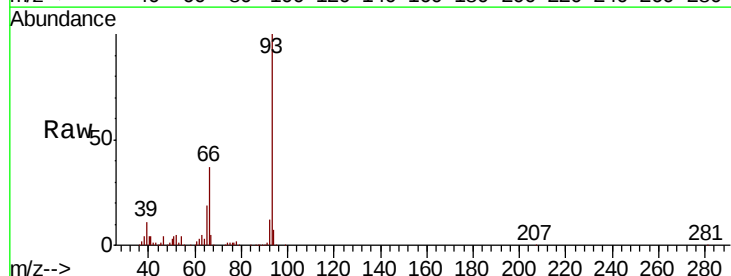
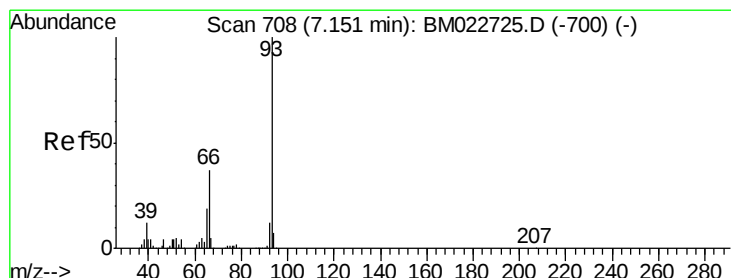
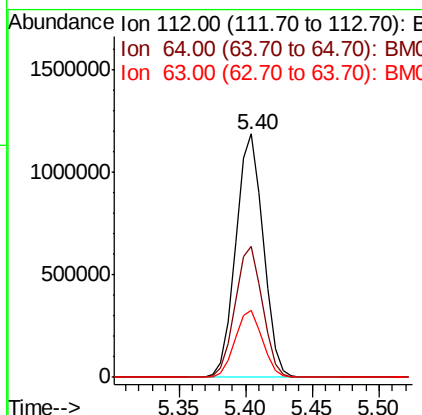
63 27.4 22.1 33.1

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#6

Aniline

Concen: 37.332 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

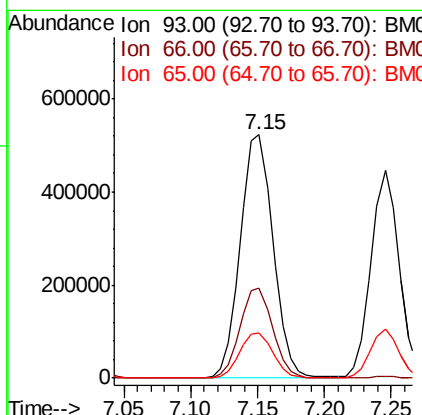
Tgt Ion: 93 Resp: 892517

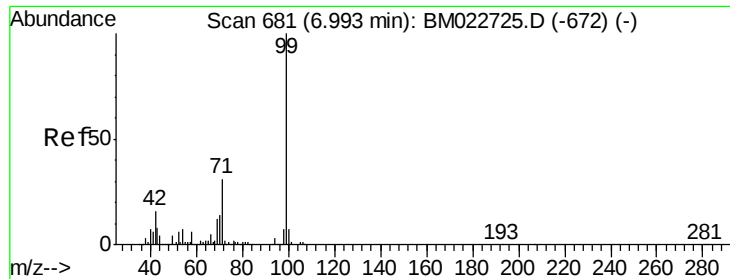
Ion Ratio Lower Upper

93 100

66 36.9 29.3 43.9

65 18.6 15.3 22.9





#7

Phenol-d6

Concen: 105.965 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

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PB123298BS

Tot Ion: 99 Resp: 2112753

Ion Ratio Lower Upper

99 100

42 15.8 13.0 19.4

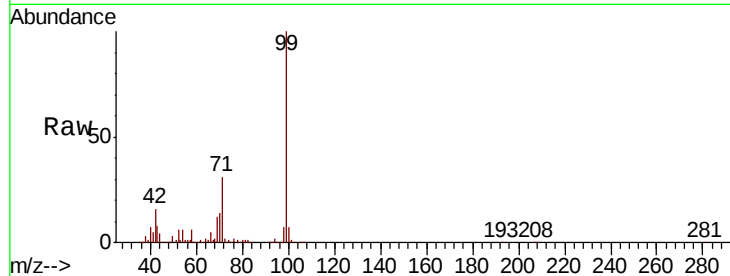
71 31.0 24.7 37.1

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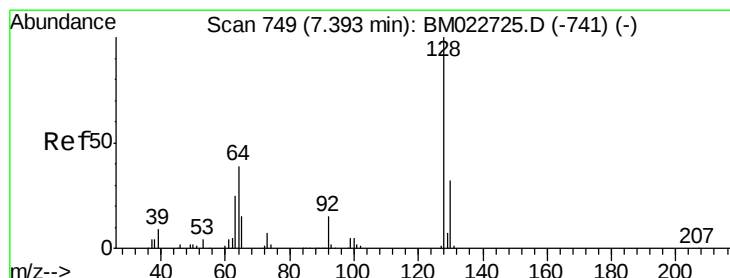
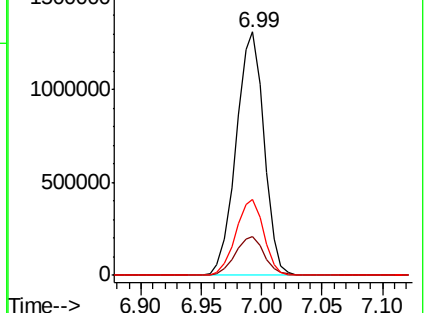
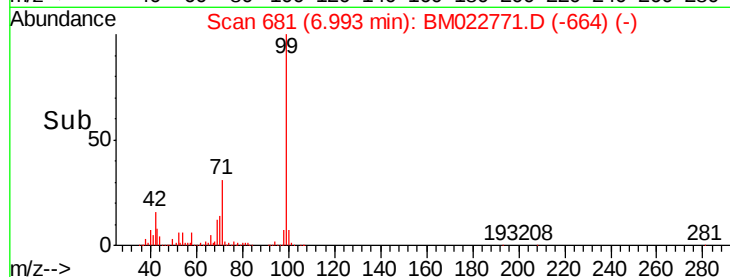
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Abundance Ion 99.00 (98.70 to 99.70): BM022771.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022771.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022771.D (-664) (-)



#8

2-Chlorophenol

Concen: 46.057 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

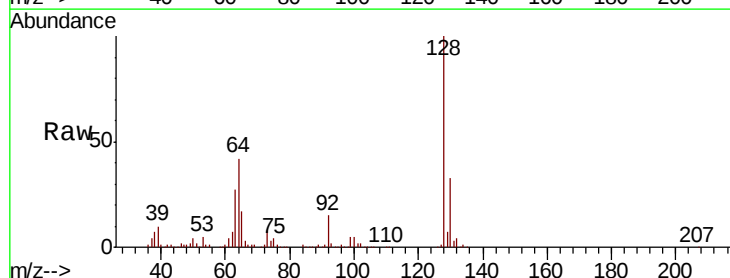
Tgt Ion: 128 Resp: 728453

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

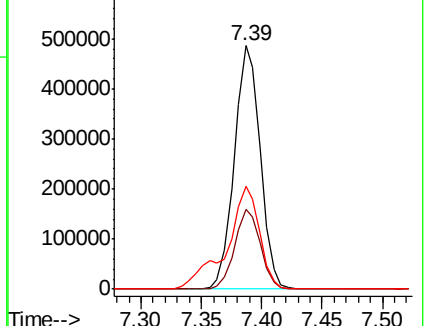
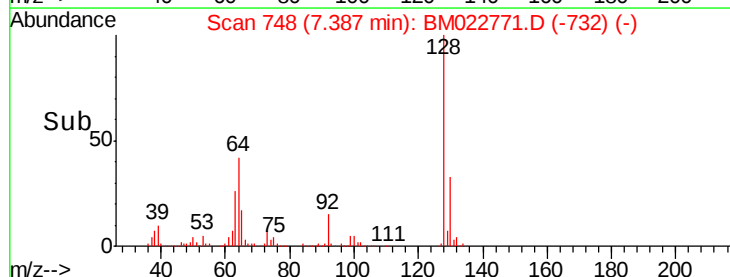
64 42.4 22.9 62.9

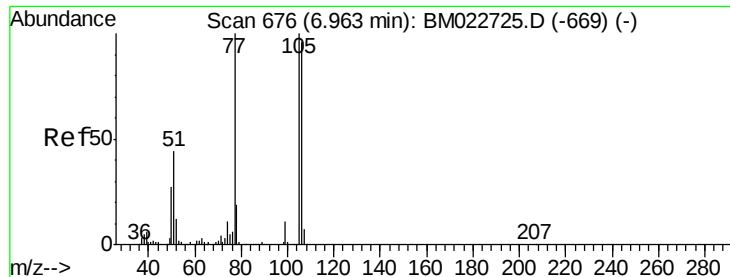


Abundance Ion 128.00 (127.70 to 128.70): BM022771.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022771.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022771.D (-732) (-)





#9

Benzaldehyde

Concen: 32.203 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

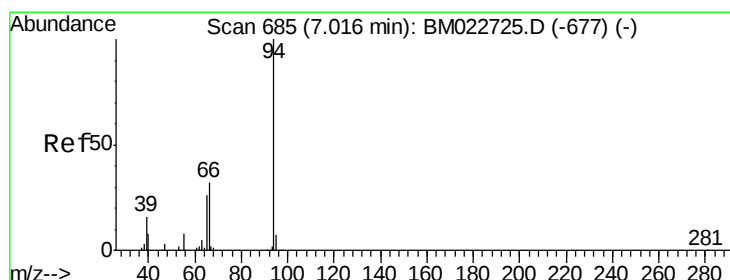
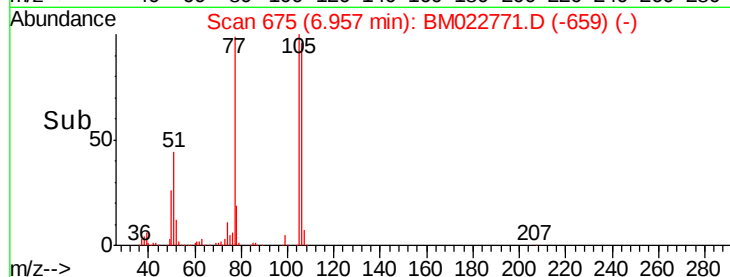
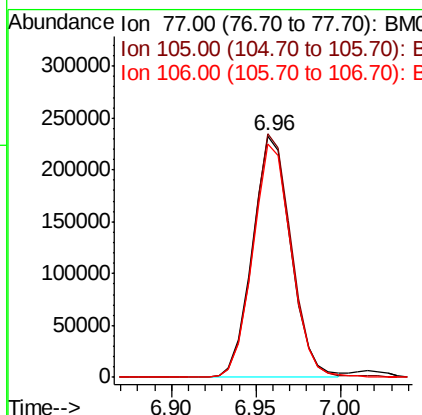
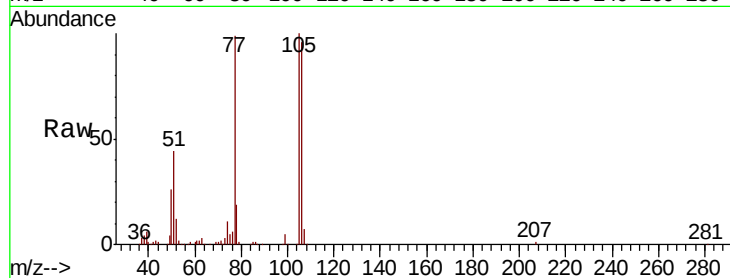
ClientSampleId :

PB123298BS

Tot Ion:	77	Resp:	365596
Ion	Ratio	Lower	Upper
77	100		
105	100.9	79.6	119.6
106	96.8	76.3	116.3

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#10

Phenol

Concen: 44.548 ng

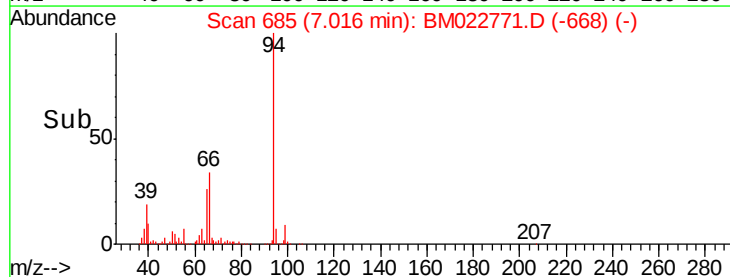
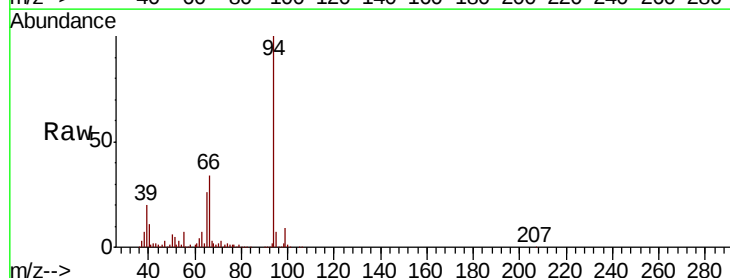
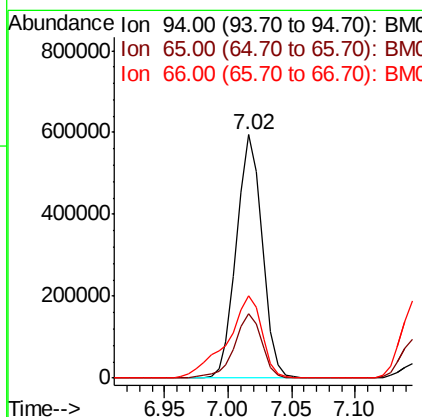
RT: 7.02 min Scan# 685

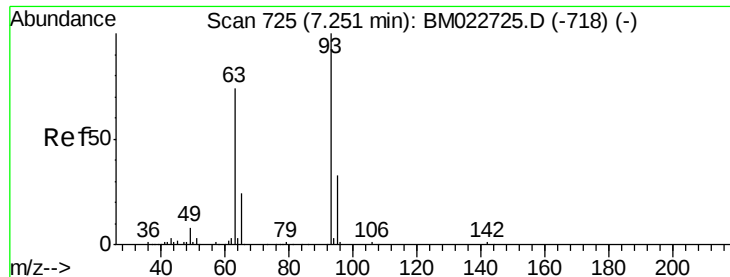
Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	94	Resp:	836205
Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.7	46.7
66	33.8	13.8	53.8





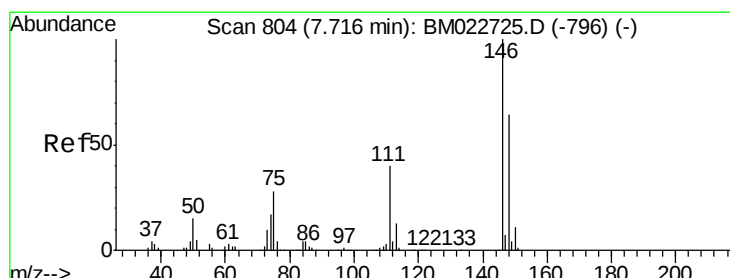
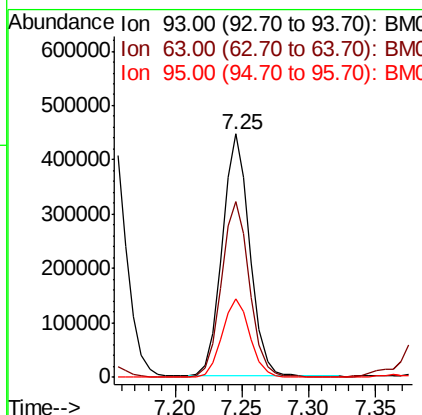
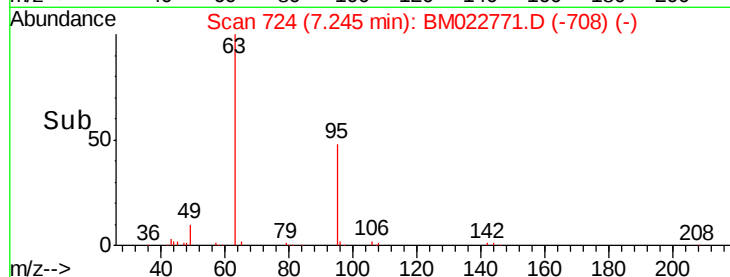
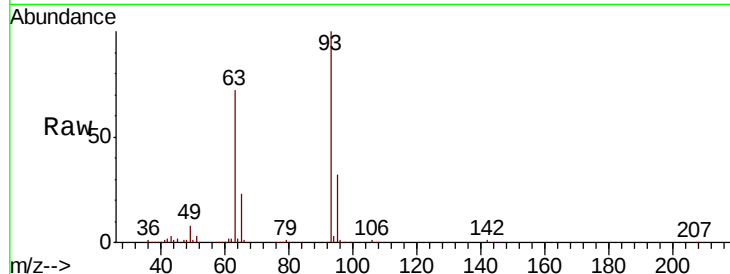
#11
bis(2-Chloroethyl)ether
Concen: 43.751 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	645227		
63	72.3		53.8	93.8
95	32.4		12.7	52.7

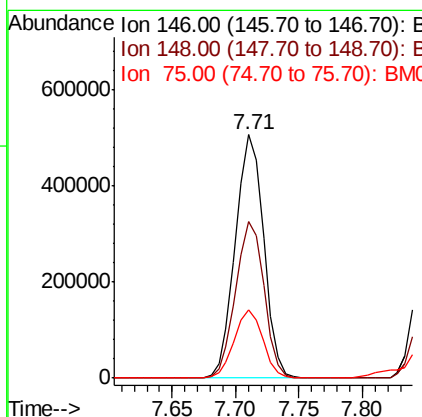
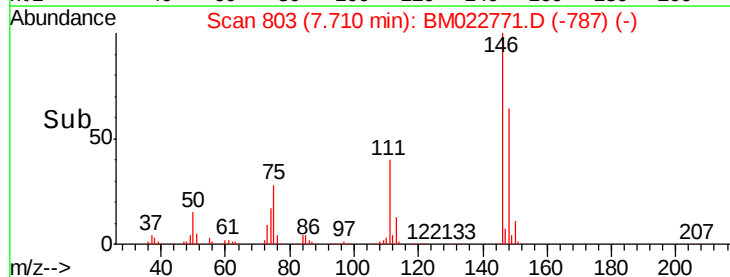
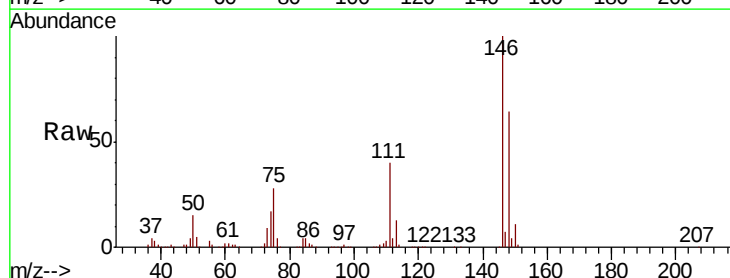
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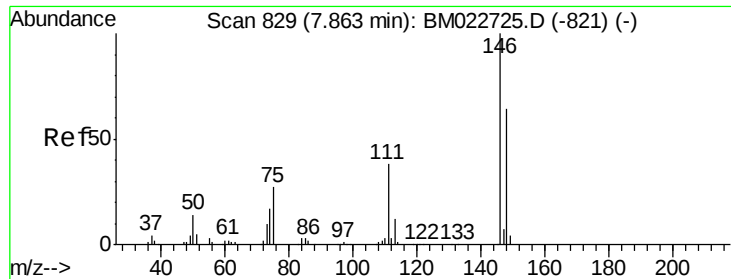
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.476 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	784046		
148	64.3		51.3	76.9
75	28.0		22.5	33.7





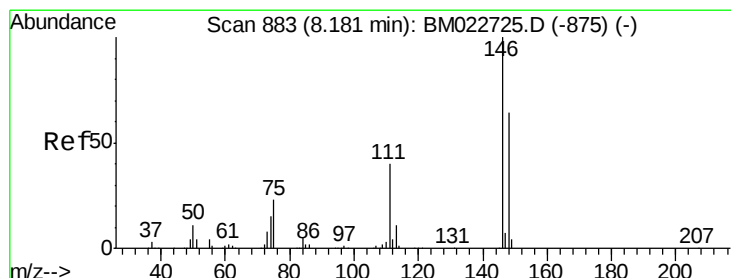
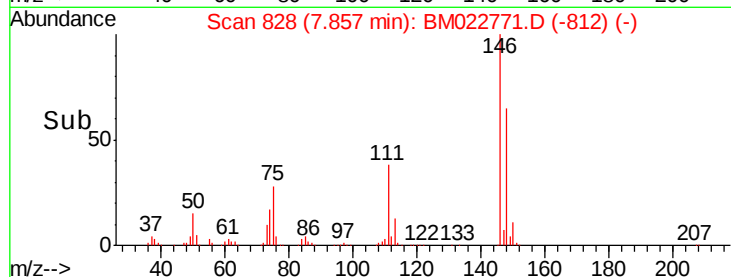
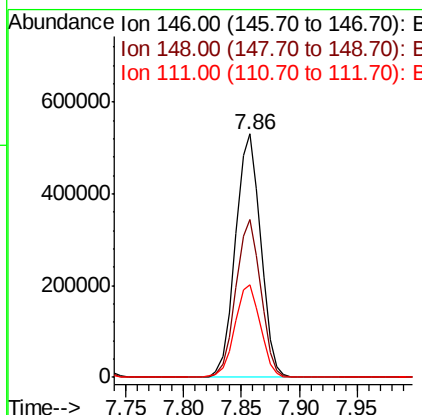
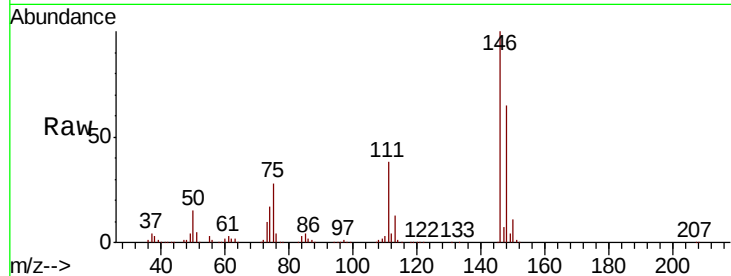
#13
 1,4-Dichlorobenzene
 Concen: 41.961 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	38.2	30.9	46.3

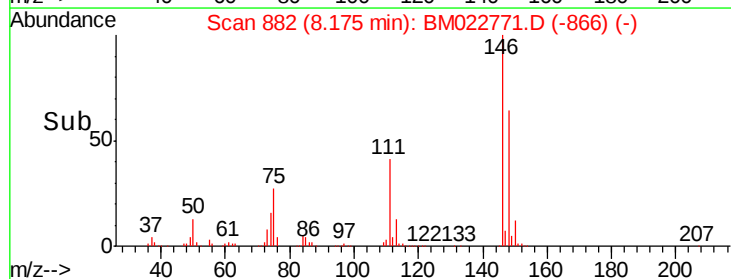
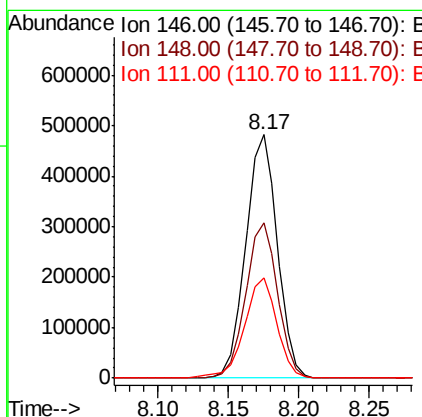
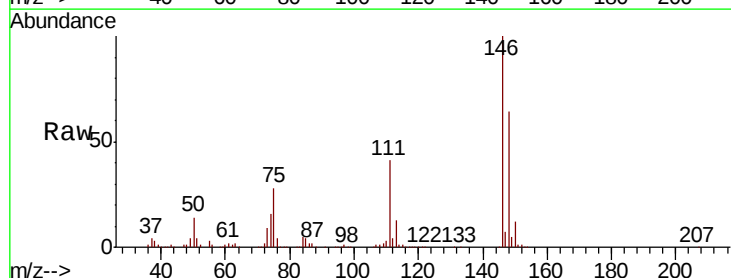
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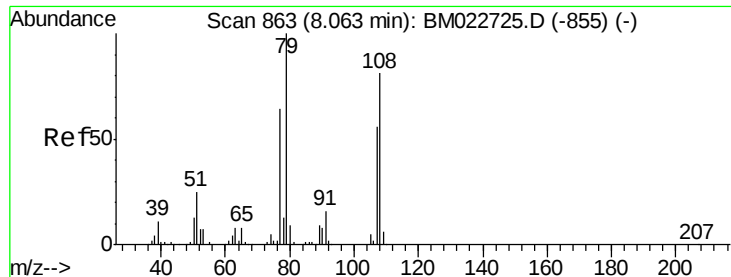
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#14
 1,2-Dichlorobenzene
 Concen: 41.452 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	41.0	32.3	48.5





#15

Benzyl Alcohol

Concen: 44.626 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

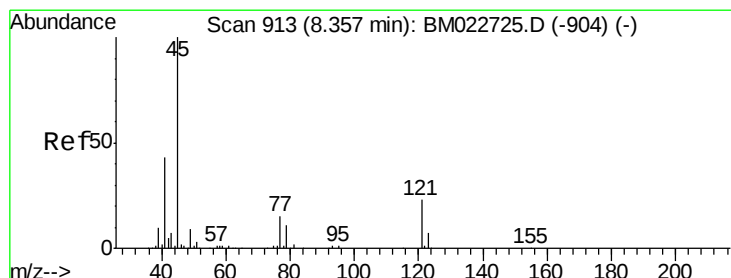
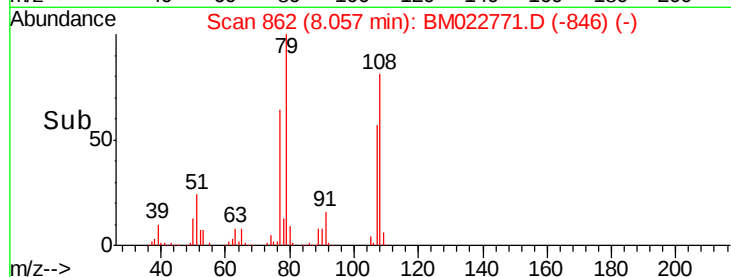
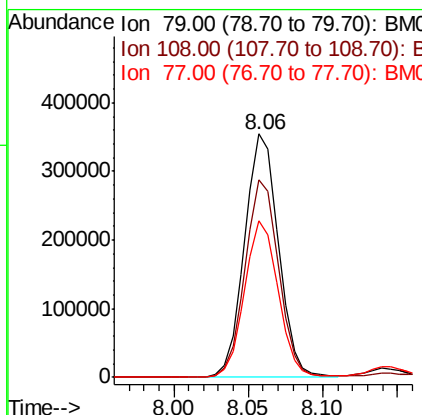
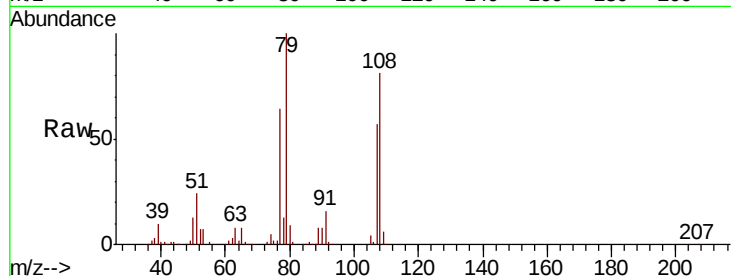
ClientSampleId :

PB123298BS

Tot Ion:	79	Resp:	556748
Ion Ratio	Lower	Upper	
79	100		
108	81.1	64.9	97.3
77	64.1	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.477 ng

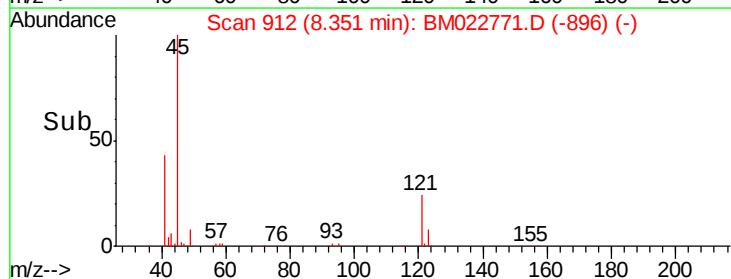
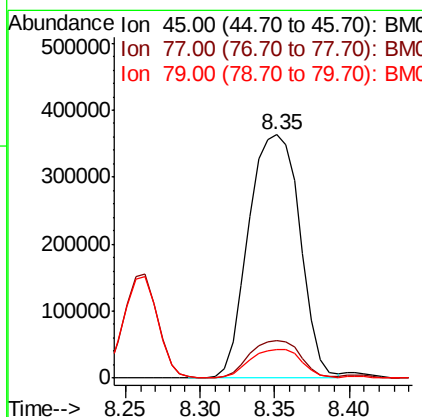
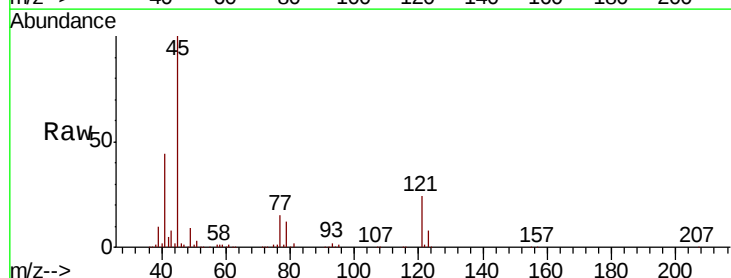
RT: 8.35 min Scan# 912

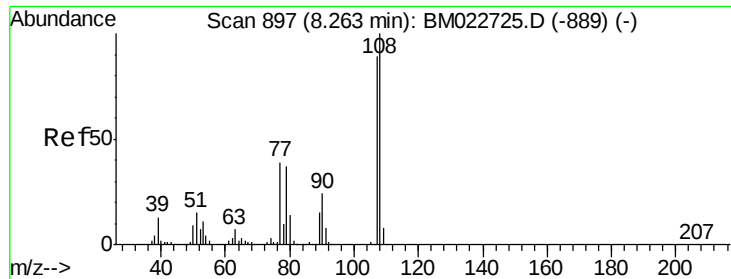
Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	45	Resp:	867139
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	35.1
79	11.7	0.0	31.4





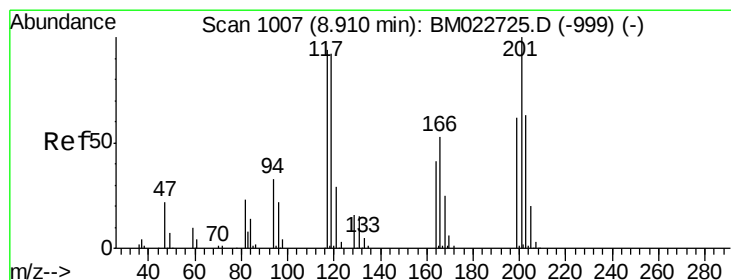
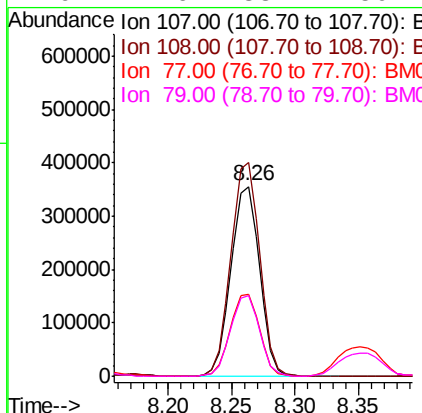
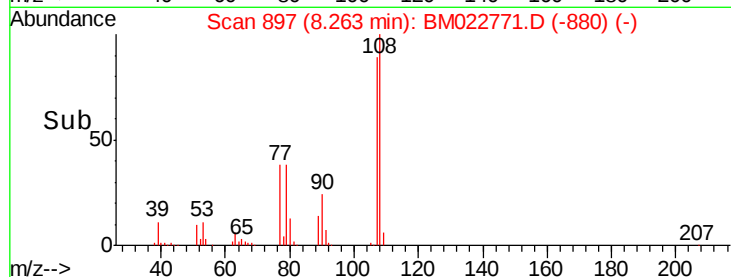
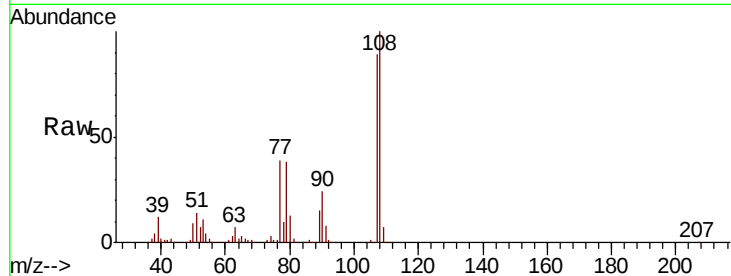
#17
2-Methylphenol
Concen: 44.922 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	90.0	135.0	
77	43.5	35.2	52.8	
79	42.6	33.4	50.2	

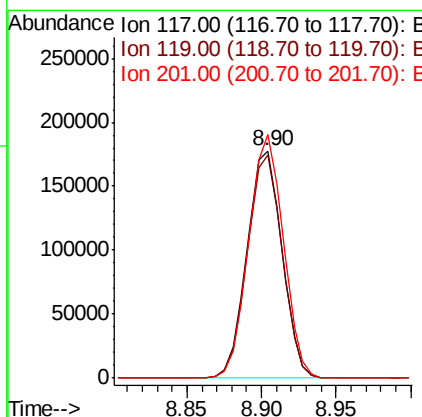
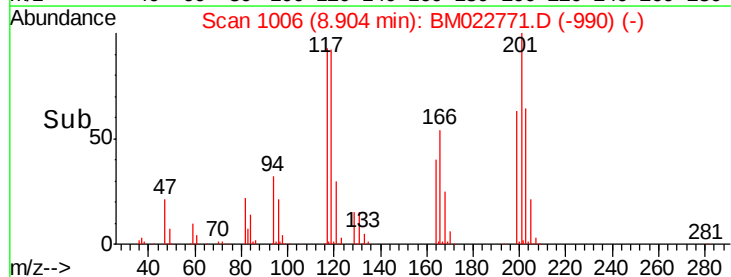
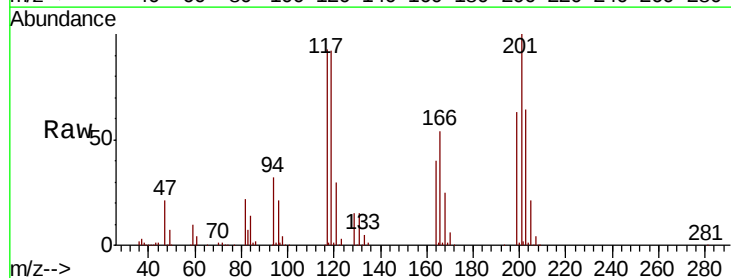
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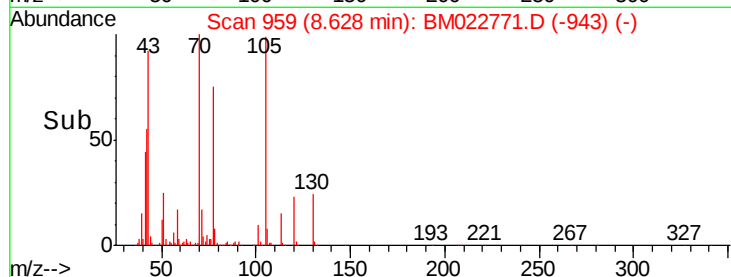
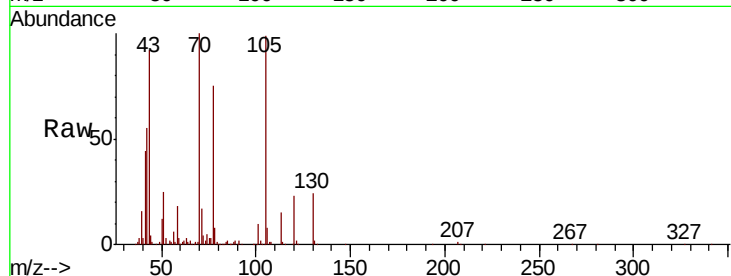
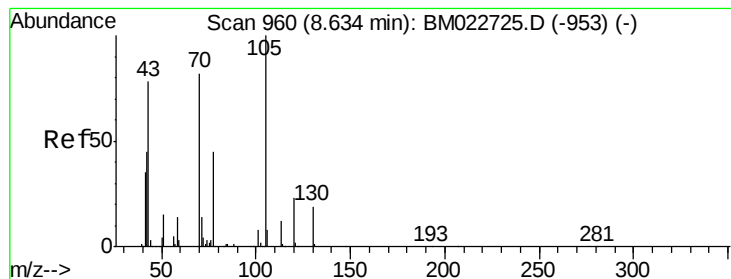
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#18
Hexachloroethane
Concen: 41.089 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	78.0	117.0	
201	107.0	85.0	127.6	





#19

n-Nitroso-di-n-propylamine

Concen: 42.907 ng

RT: 8.63 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

ClientSampleId :

PB123298BS

Tot Ion: 70 Resp: 477722

Ion Ratio Lower Upper

70 100

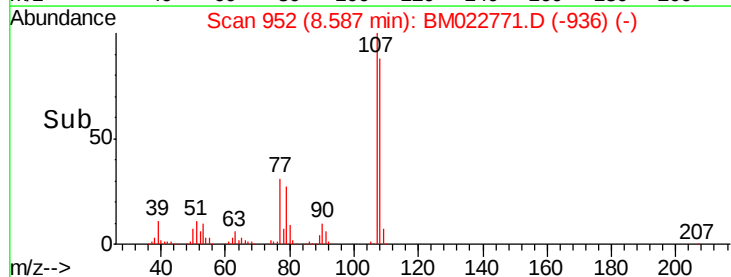
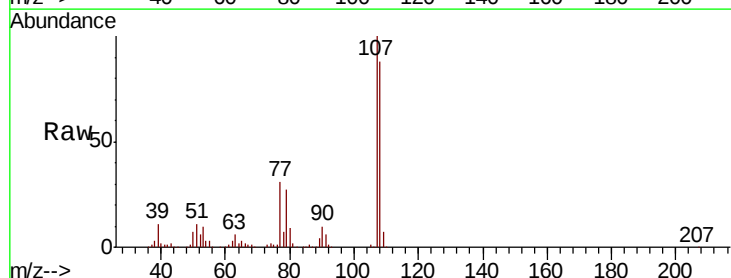
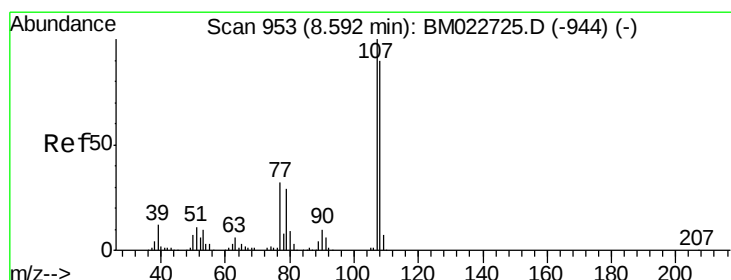
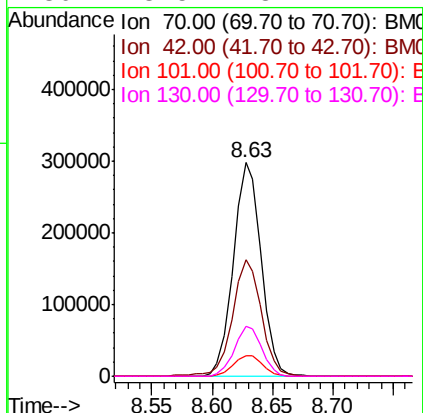
42 54.8 44.4 66.6

101 9.8 7.8 11.6

130 23.5 18.2 27.4

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#20

3+4-Methylphenols

Concen: 44.872 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion: 107 Resp: 742578

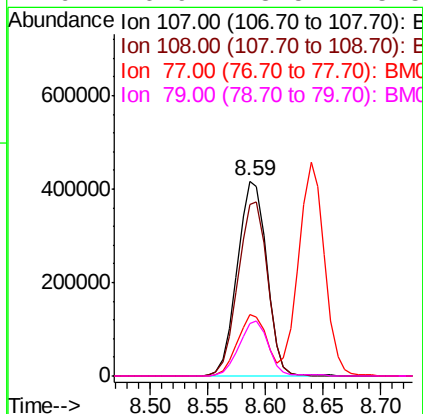
Ion Ratio Lower Upper

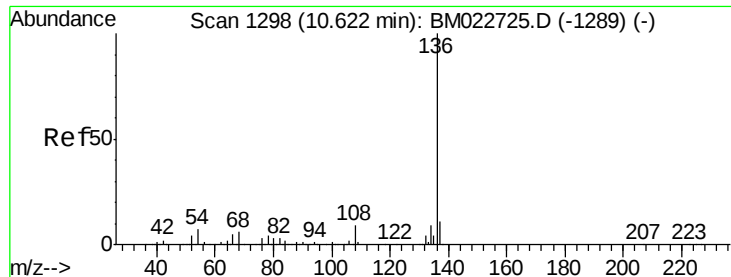
107 100

108 88.3 70.1 110.1

77 31.3 12.1 52.1

79 26.9 8.5 48.5





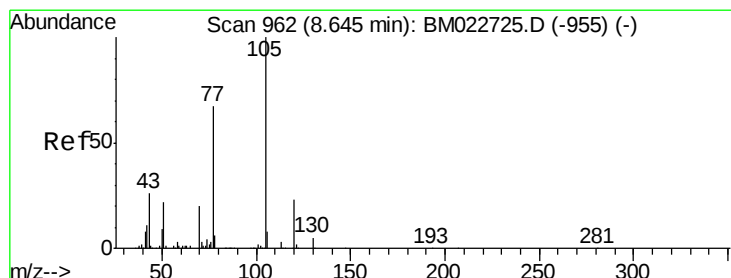
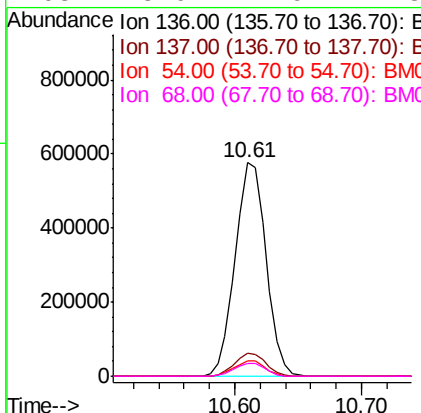
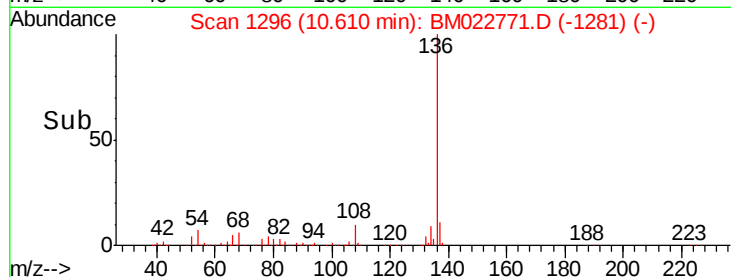
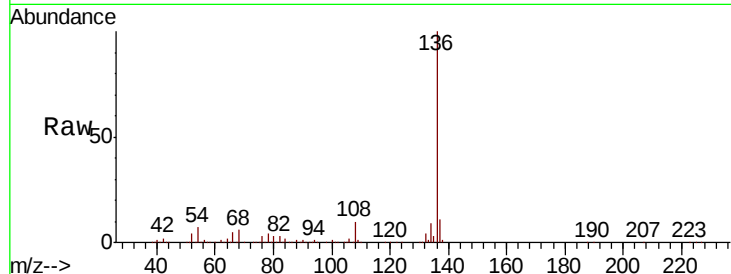
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	975752		
137	10.9		8.6	13.0
54	7.3		6.0	9.0
68	5.9		4.9	7.3

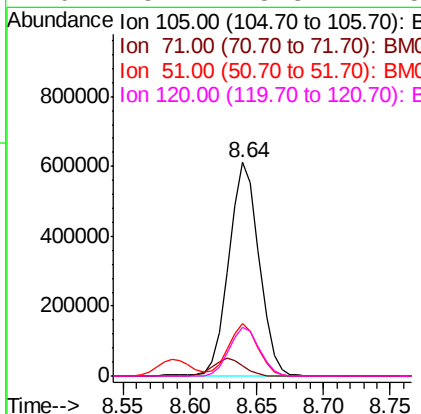
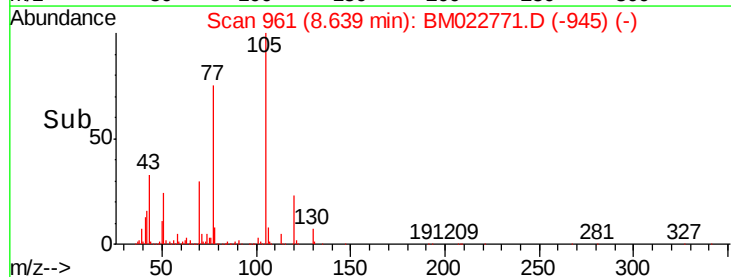
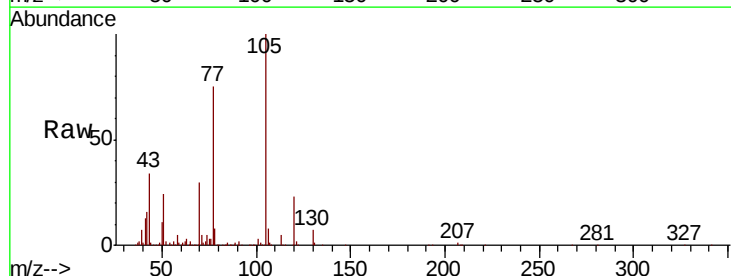
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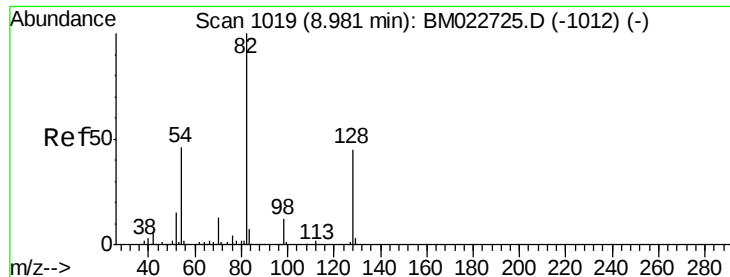
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#22
Acetophenone
Concen: 39.945 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	962099		
71	4.9		2.7	4.1#
51	24.5		19.9	29.9
120	23.1		18.3	27.5





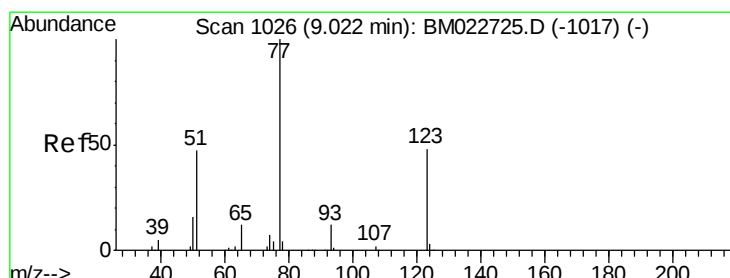
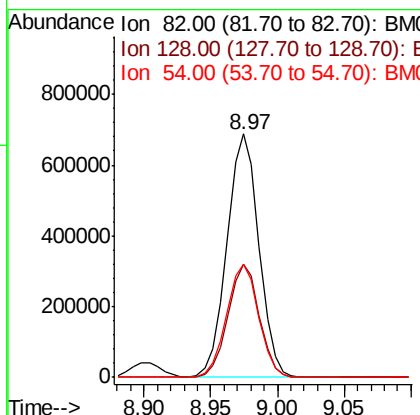
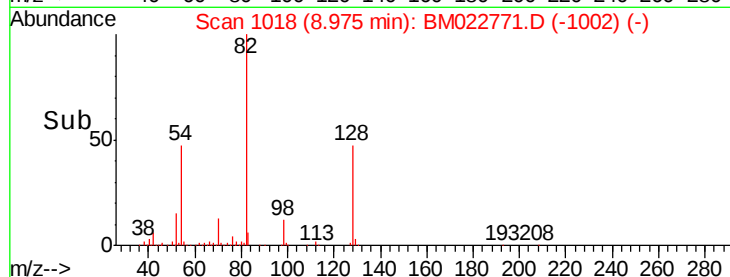
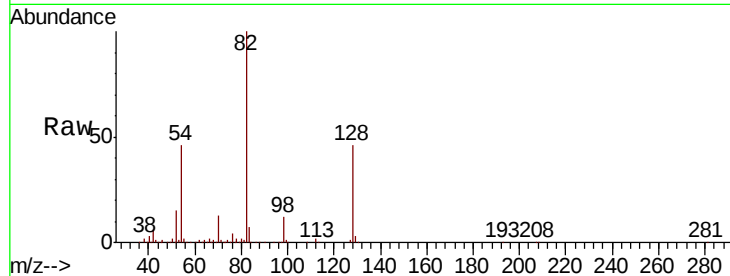
#23
 Nitrobenzene-d5
 Concen: 65.159 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.0	54.0
54	46.3	37.1	55.7

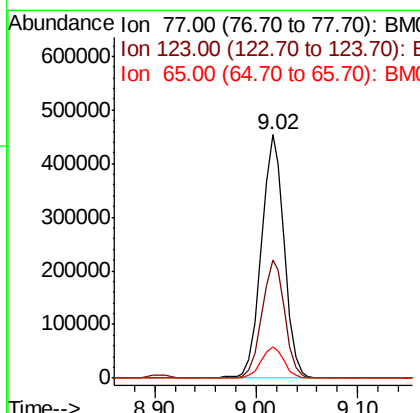
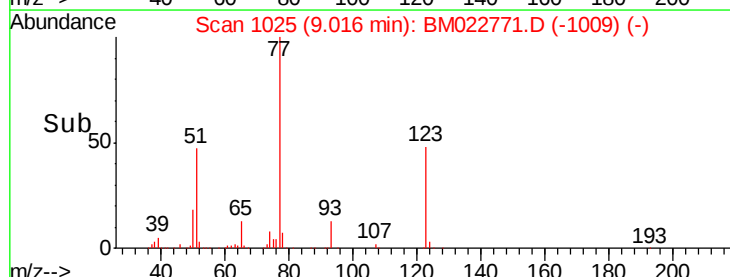
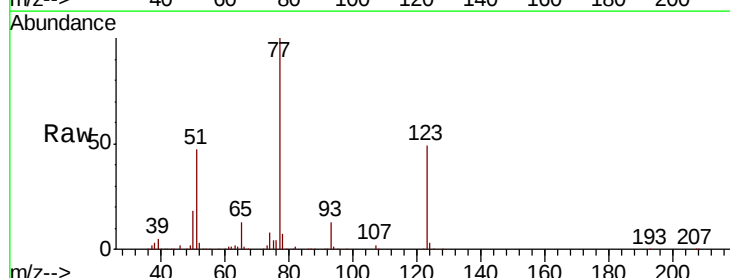
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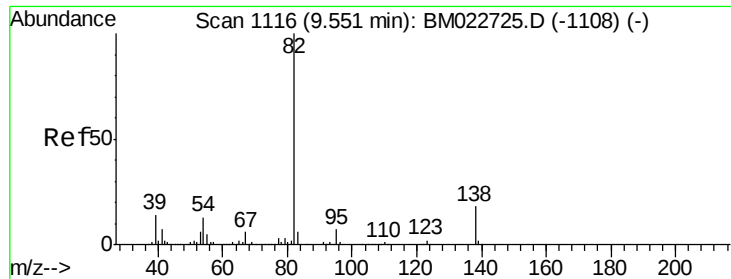
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#24
 Nitrobenzene
 Concen: 42.100 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	38.0	57.0
65	13.0	10.0	15.0





#25

Isophorone

Concen: 43.902 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

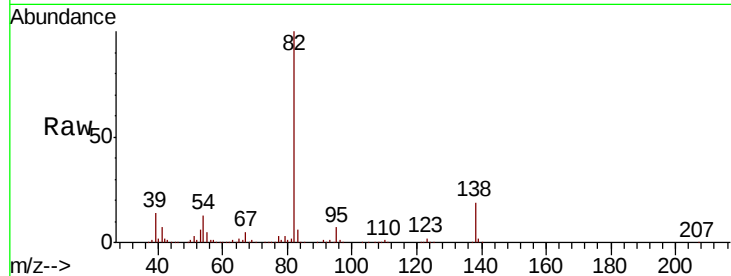
ClientSampleId :

PB123298BS

Tot Ion:	82	Resp:	1268881
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.0
138	18.5	14.7	22.1

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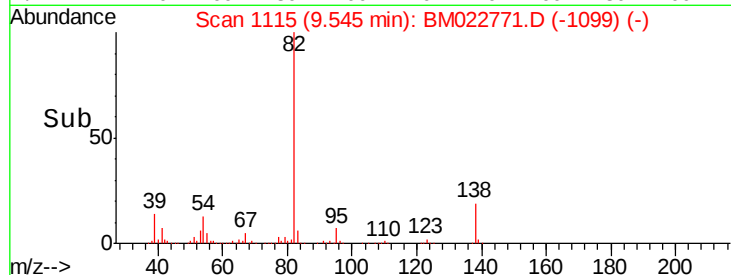


Abundance Ion 82.00 (81.70 to 82.70): BM022771.D (-1108) (-)

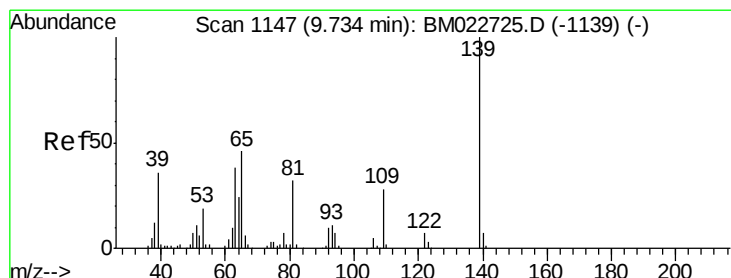
Ion 95.00 (94.70 to 95.70): BM022771.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM022771.D (-1108) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 49.456 ng

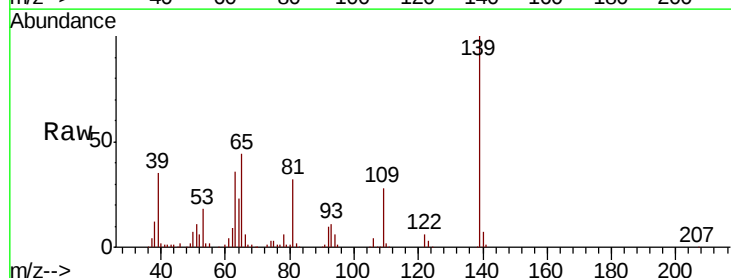
RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	139	Resp:	359078
Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.6	33.8
65	44.4	37.0	55.4

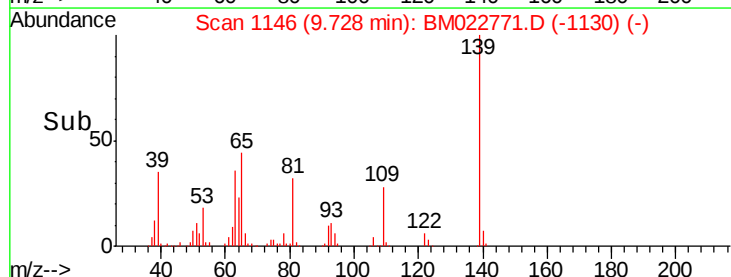


Abundance Ion 139.00 (138.70 to 139.70): BM022771.D (-1139) (-)

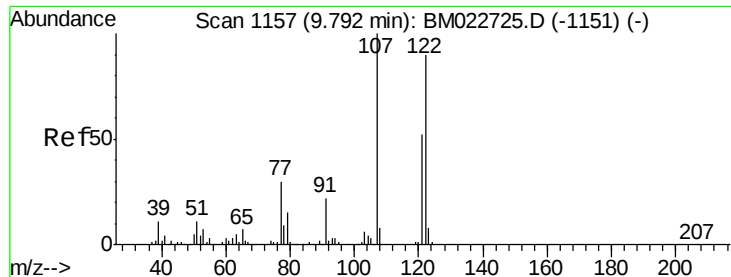
Ion 109.00 (108.70 to 109.70): BM022771.D (-1139) (-)

Ion 65.00 (64.70 to 65.70): BM022771.D (-1139) (-)

Time-->



Time-->



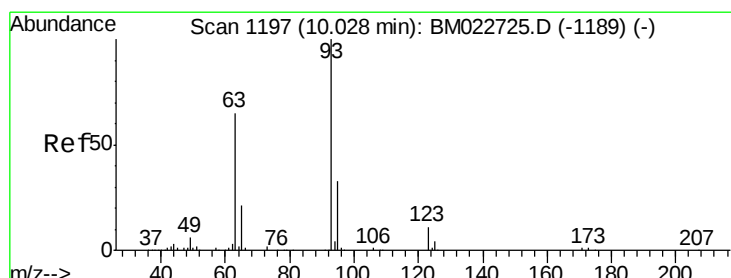
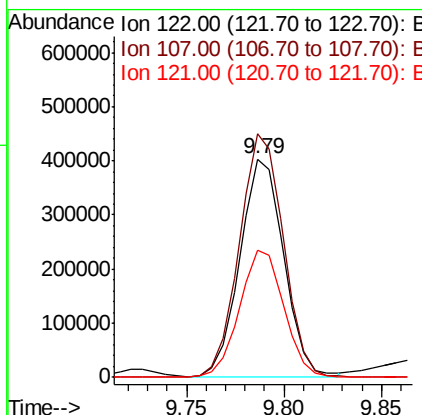
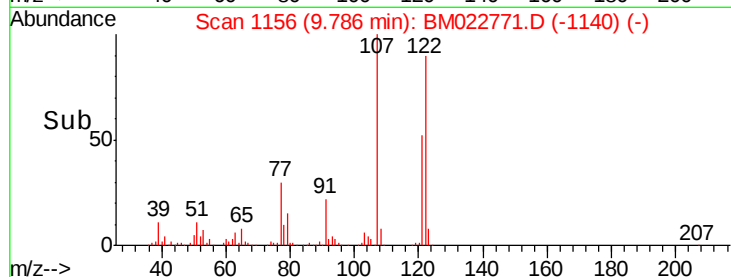
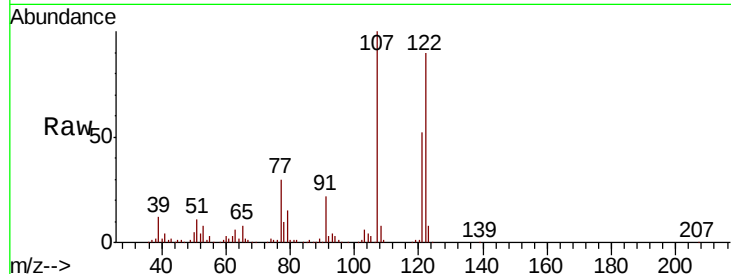
#27
 2,4-Dimethylphenol
 Concen: 51.373 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.9	133.3
121	58.5	46.5	69.7

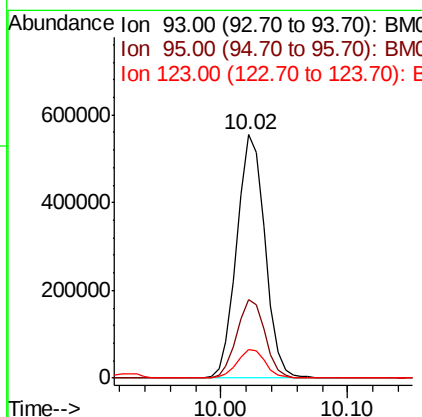
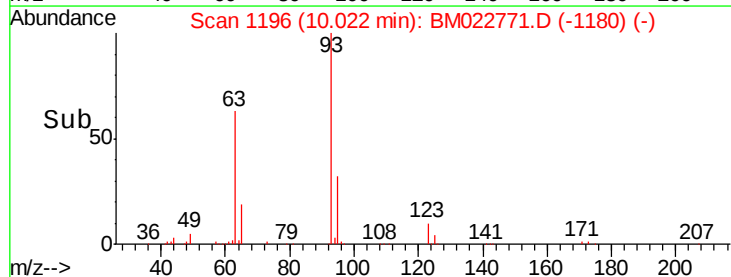
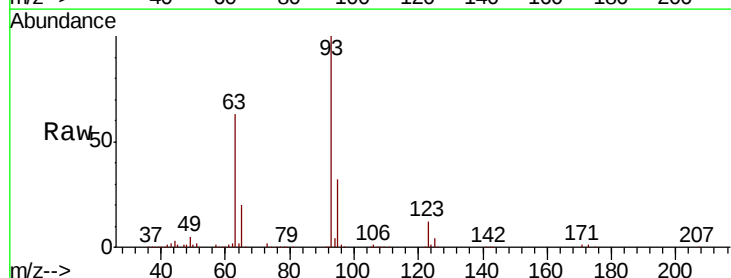
Manual Integrations
 APPROVED

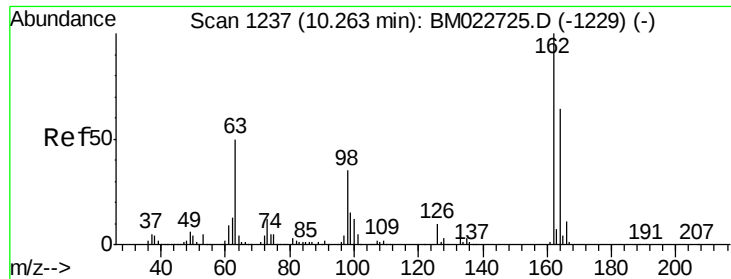
mohammad
 9/26/2019 3:54:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.778 ng
 RT: 10.02 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.6	9.0	13.6





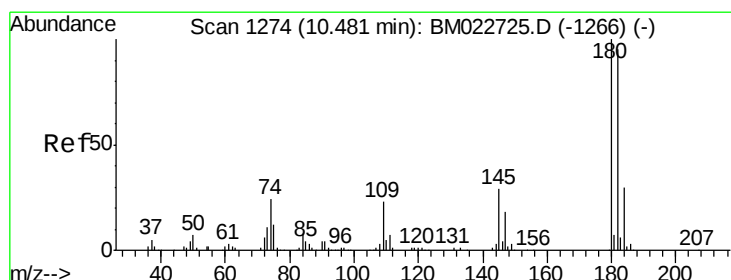
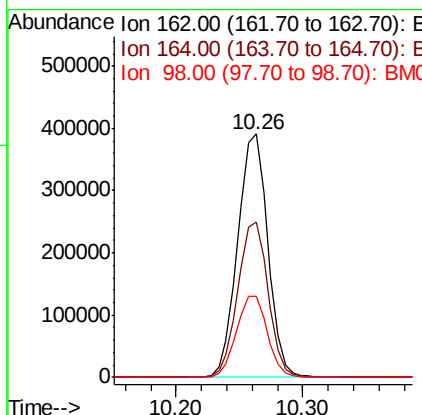
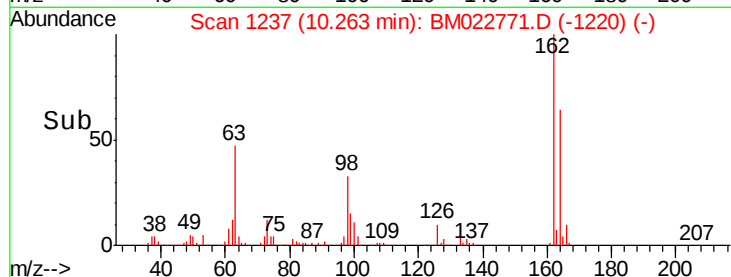
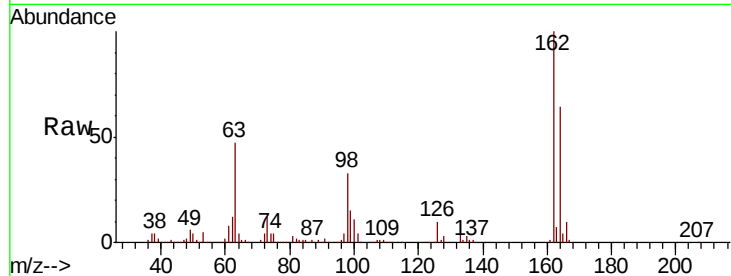
#29
 2,4-Dichlorophenol
 Concen: 46.968 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampled :
 PB123298BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	44.4	84.4
98	33.3	14.8	54.8

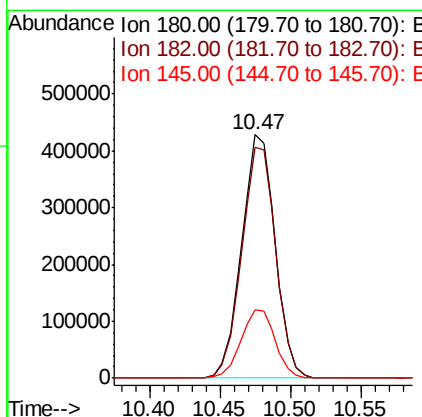
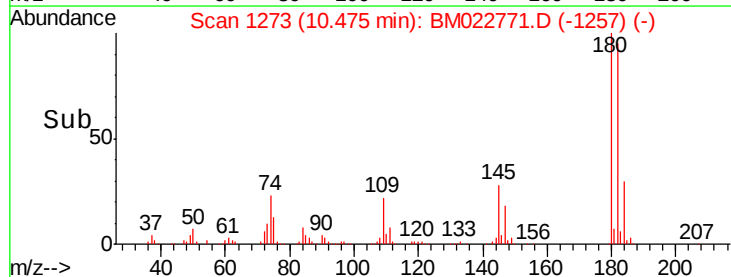
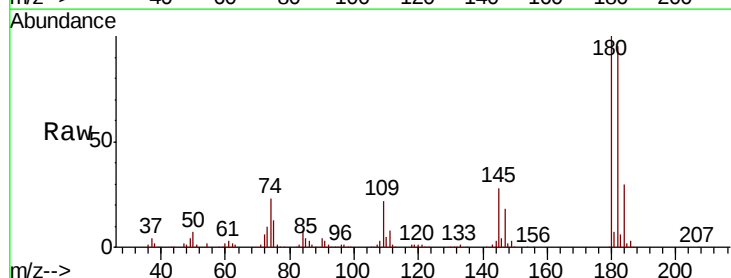
Manual Integrations
 APPROVED

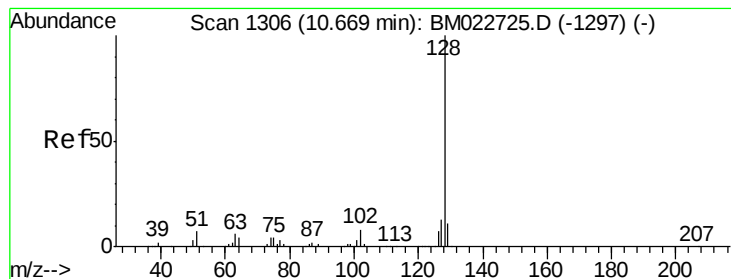
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.001 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	76.2	114.2
145	28.2	23.0	34.4





#31

Naphthalene

Concen: 42.836 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

ClientSampleId :

PB123298BS

Tot Ion:128 Resp: 2065200

Ion Ratio Lower Upper

128 100

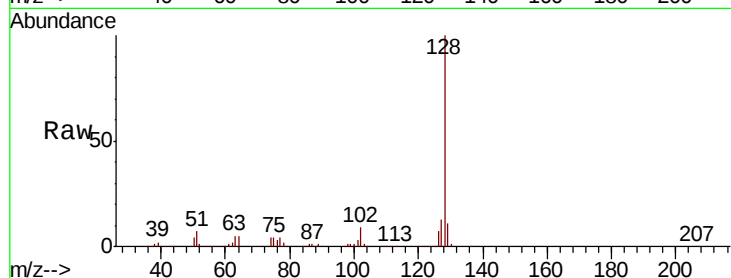
129 11.1 8.8 13.2

127 13.0 10.2 15.4

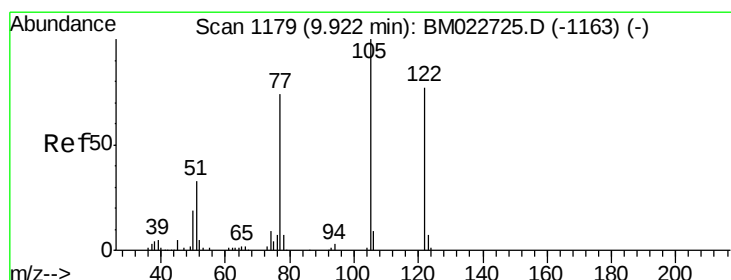
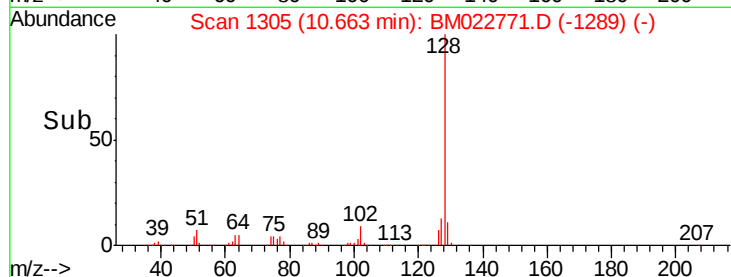
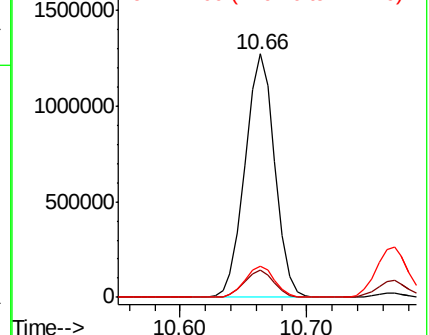
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.997 ng

RT: 9.93 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

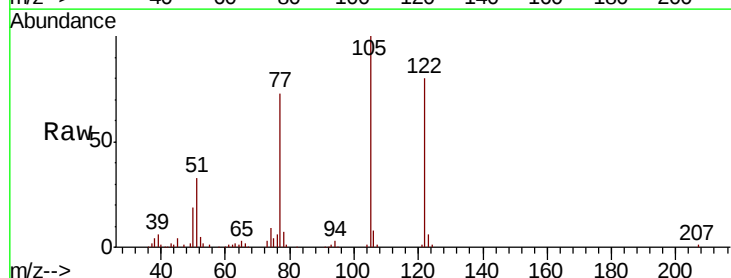
Tgt Ion:122 Resp: 373463

Ion Ratio Lower Upper

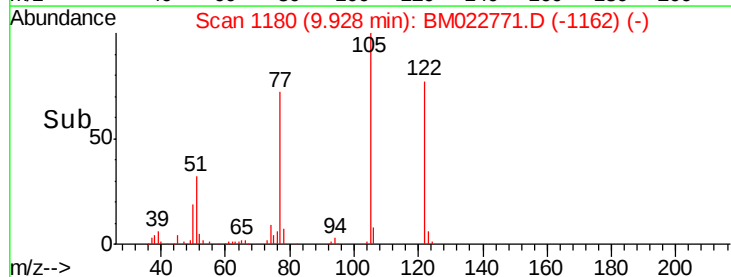
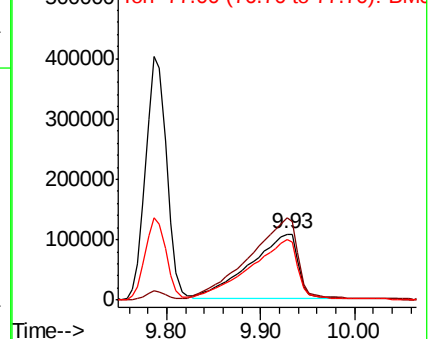
122 100

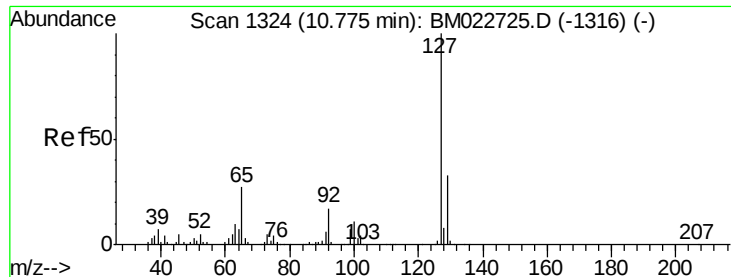
105 124.8 105.3 145.3

77 91.2 74.7 114.7



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





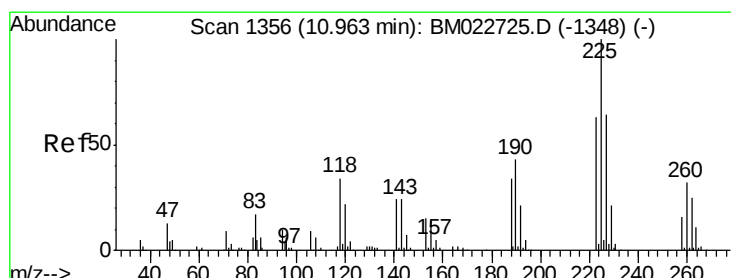
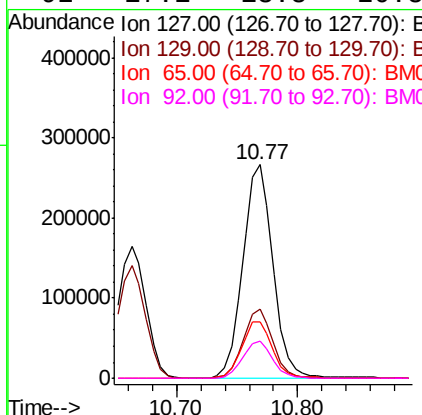
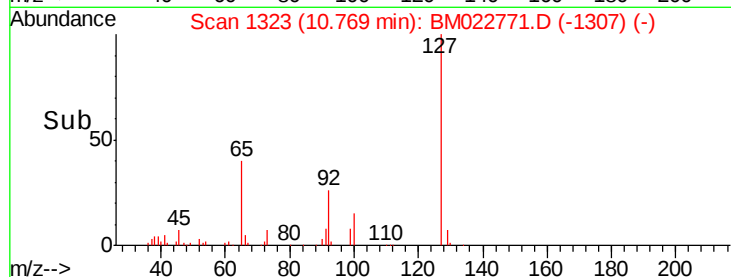
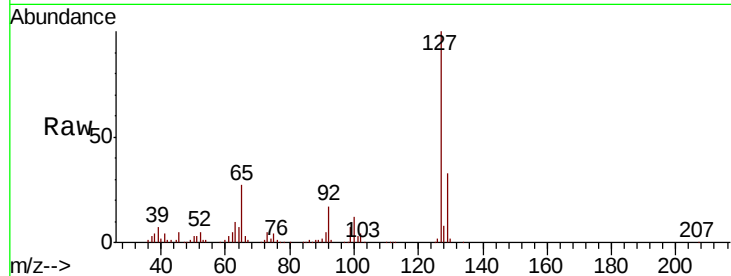
#33
4-Chloroaniline
Concen: 21.960 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.1	39.1		
65	26.6	22.0	33.0		
92	17.1	13.8	20.8		

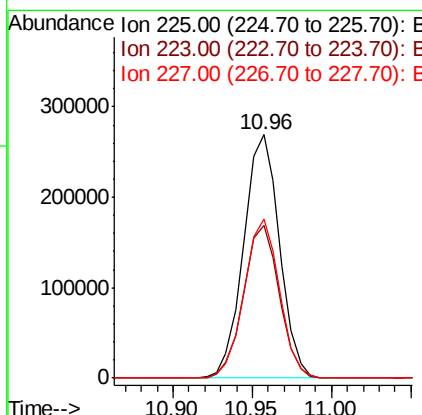
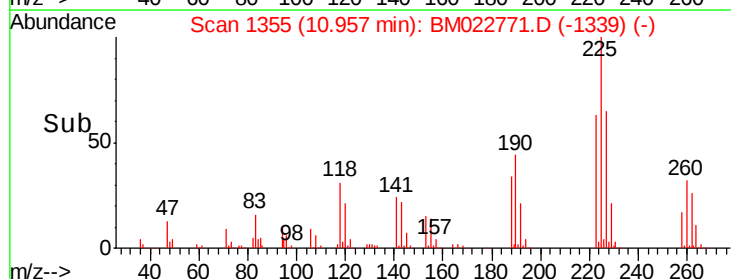
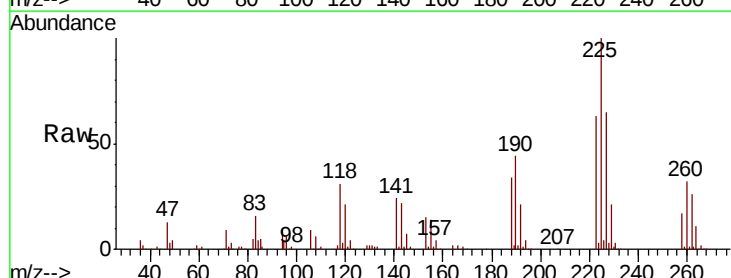
Manual Integrations
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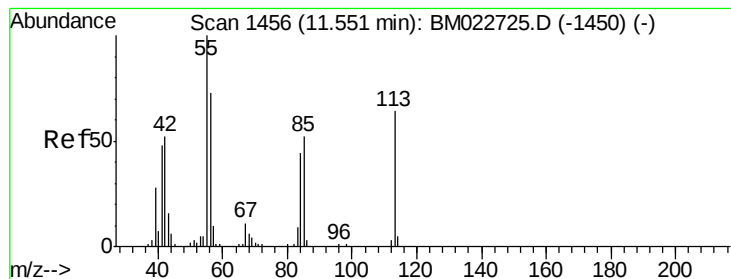
mohammad
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#34
Hexachlorobutadiene
Concen: 42.071 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.2	75.4		
227	65.1	51.0	76.4		





#35

Caprolactam

Concen: 42.348 ng/mL

RT: 11.56 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

ClientSampleId :

PB123298BS

Tot Ion: 113 Resp: 172530

Ion Ratio Lower Upper

113 100

55 156.5 136.8 176.8

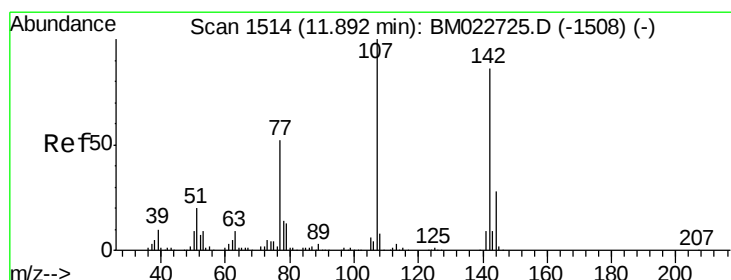
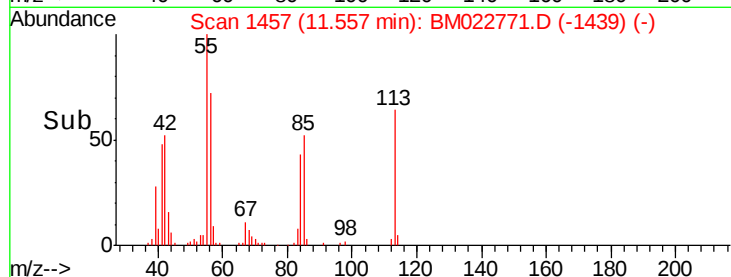
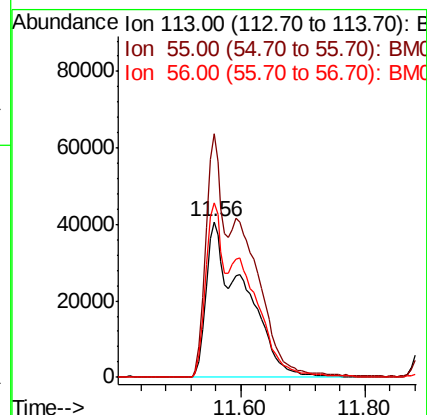
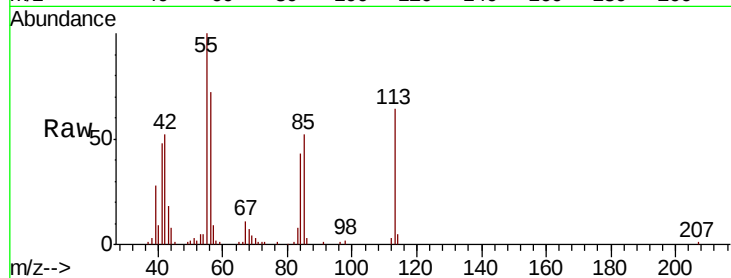
56 112.1 95.2 135.2

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 45.269 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

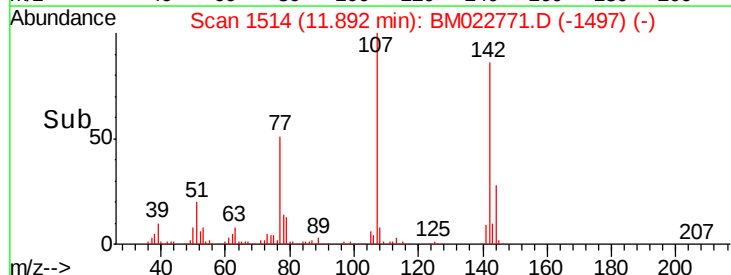
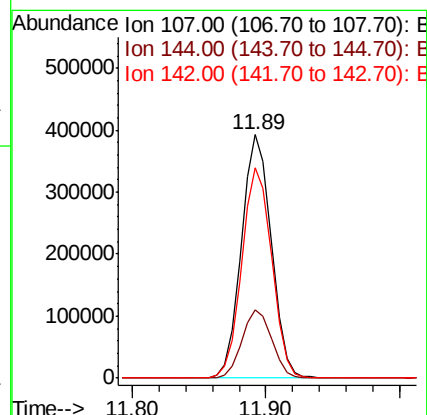
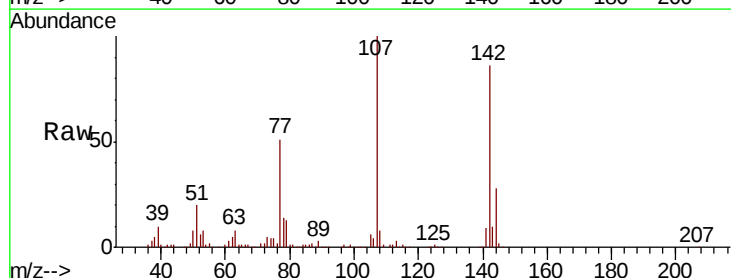
Tgt Ion: 107 Resp: 606947

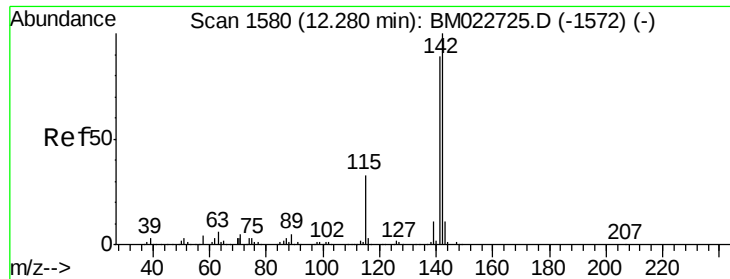
Ion Ratio Lower Upper

107 100

144 28.3 22.4 33.6

142 86.5 68.2 102.4





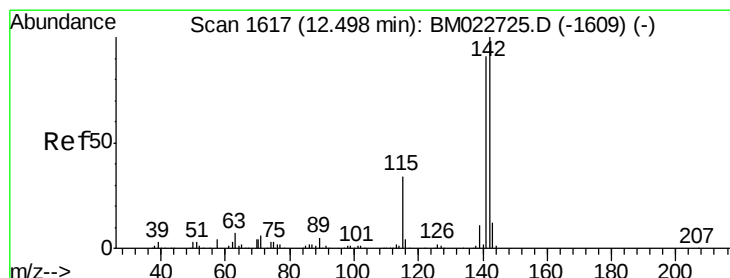
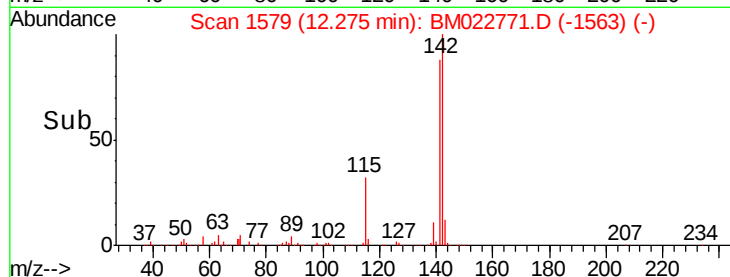
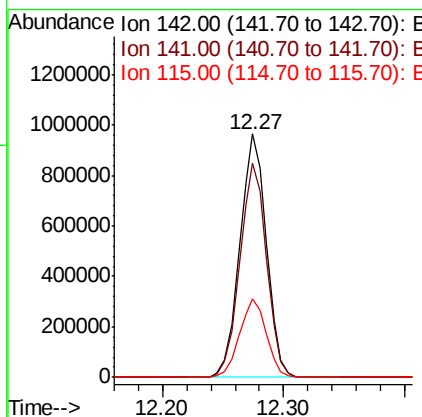
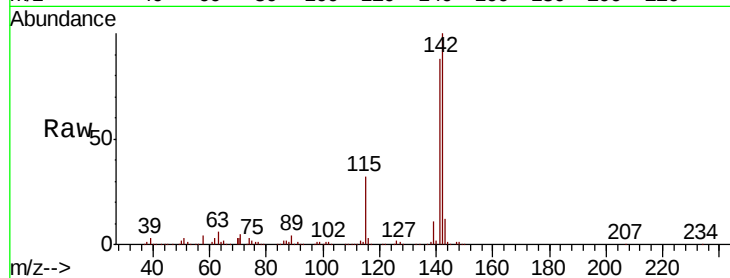
#37
2-Methylnaphthalene
Concen: 43.863 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.5	107.3
115	32.3	26.1	39.1

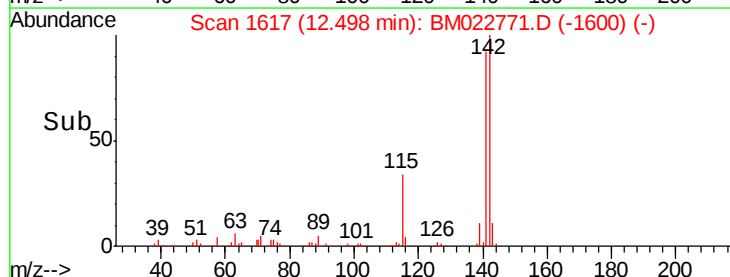
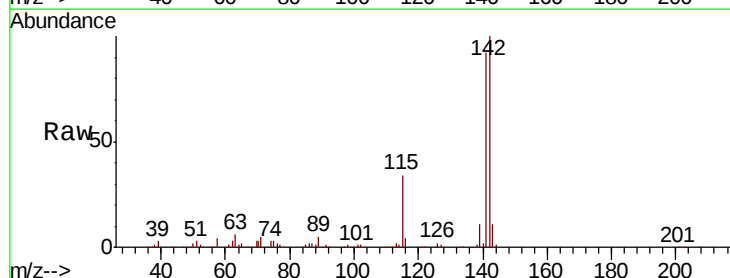
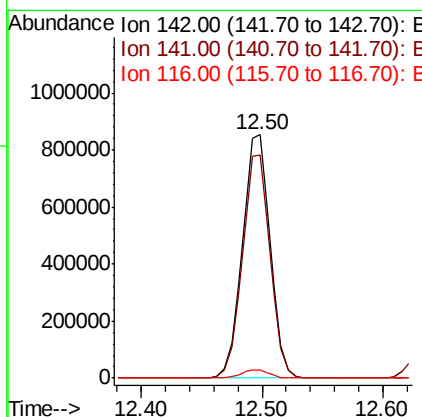
Manual Integrations
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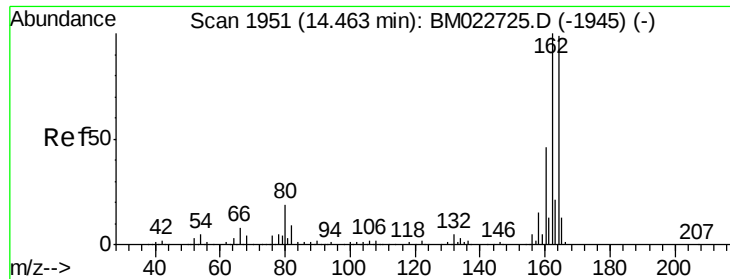
mohammad
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#38
1-Methylnaphthalene
Concen: 42.795 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.4
116	3.5	2.9	4.3





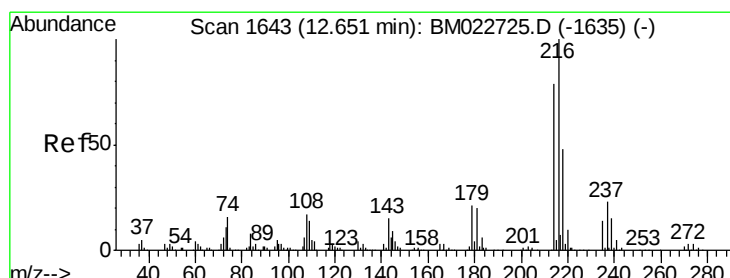
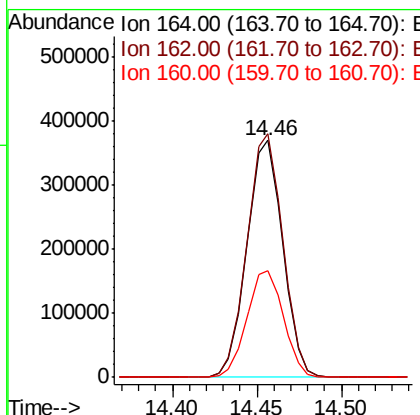
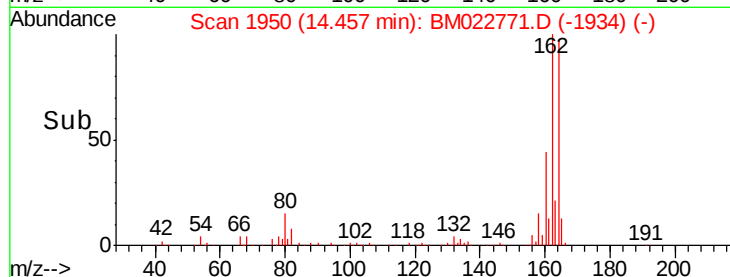
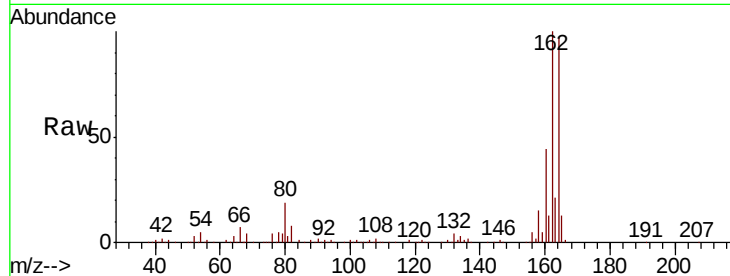
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleID :
 PB123298BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.1	121.7
160	45.2	36.9	55.3

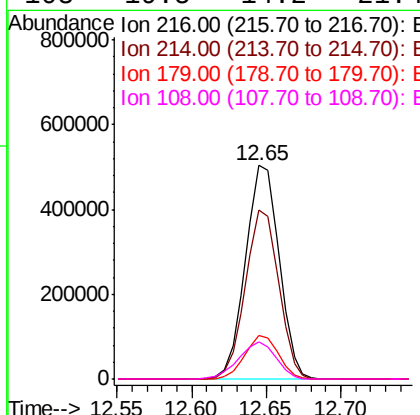
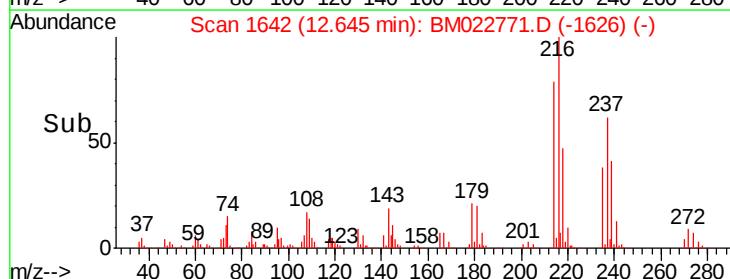
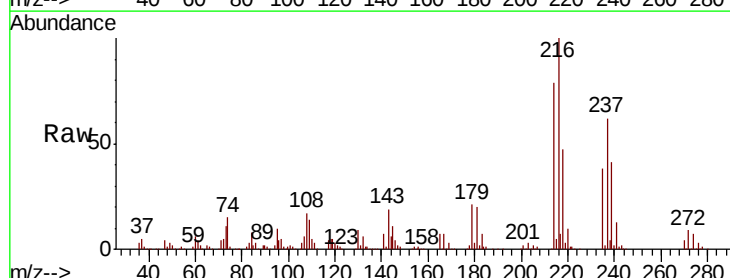
Manual Integrations
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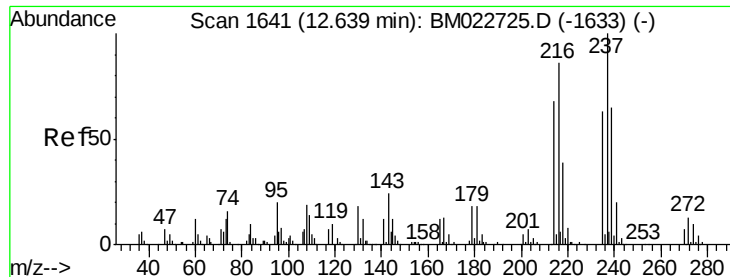
mohammad
 9/26/2019 3:54:46 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.647 ng
 RT: 12.65 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.9	94.3
179	20.3	16.6	24.8
108	19.5	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 103.733 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

ClientSampleId :

PB123298BS

Tot Ion:237 Resp: 1042803

Ion Ratio Lower Upper

237 100

235 63.0 43.3 83.3

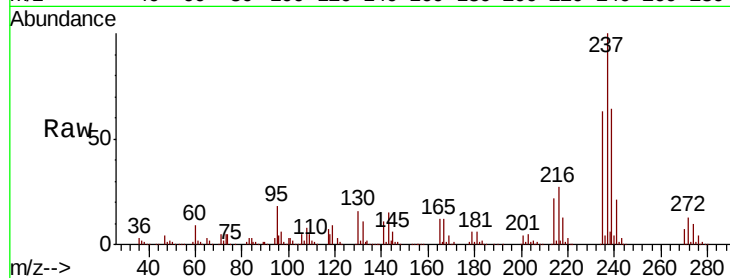
272 13.3 0.0 32.6

Manual Integrations

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mohammad

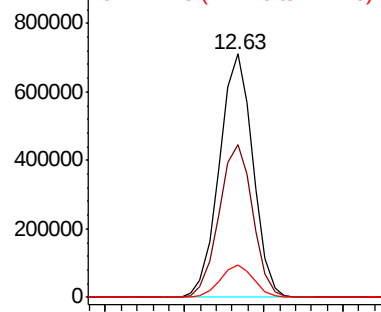
9/26/2019 3:54:46 PM



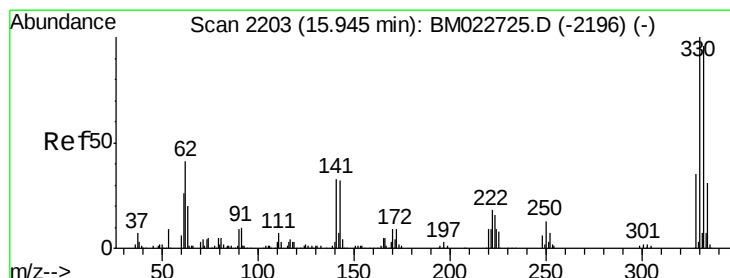
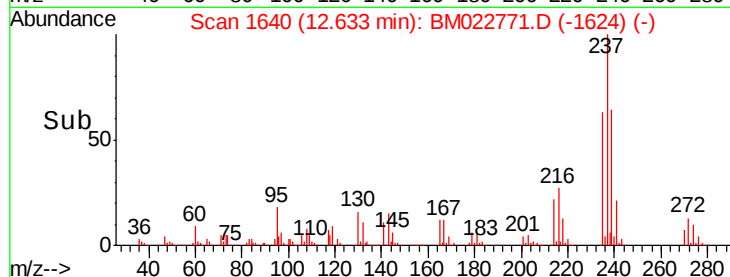
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 112.815 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

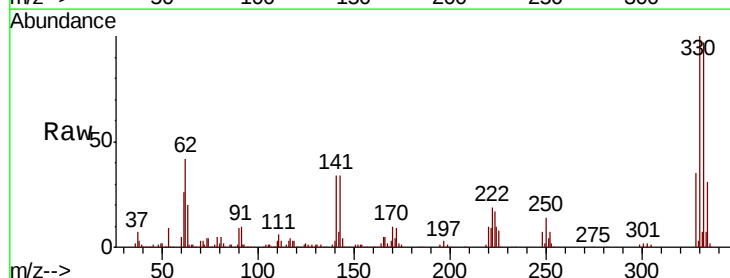
Tgt Ion:330 Resp: 765780

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

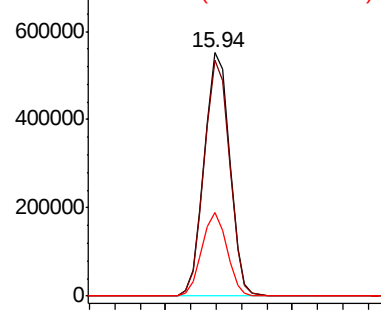
141 33.9 28.6 42.8



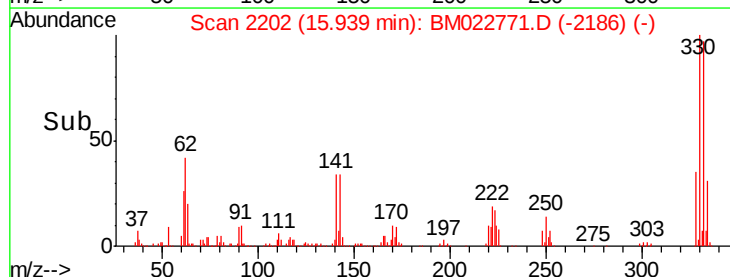
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





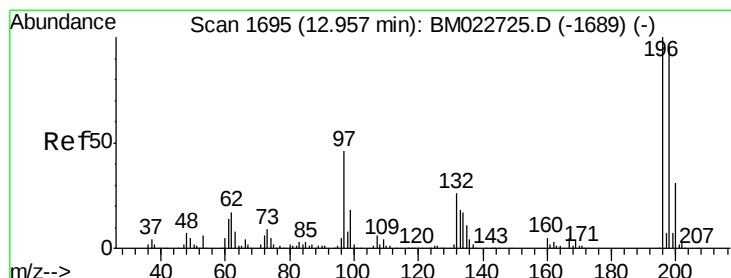
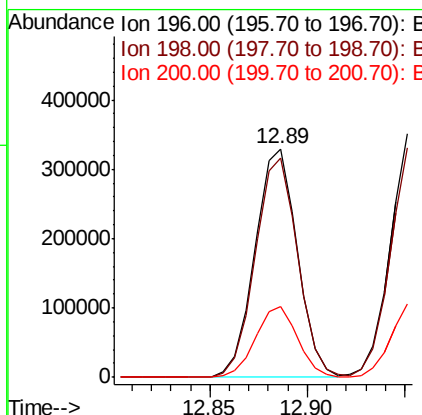
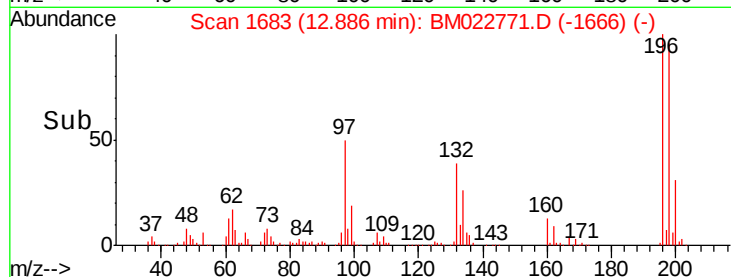
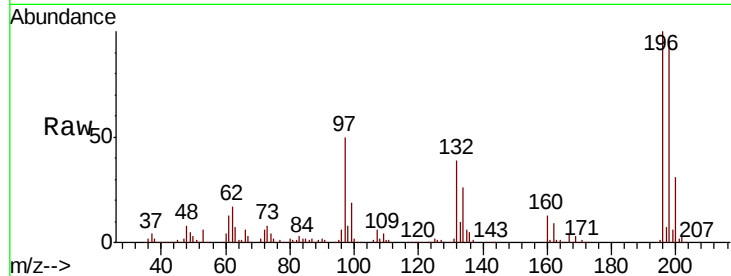
#43
 2,4,6-Trichlorophenol
 Concen: 46.504 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampled :
 PB123298BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	494521		
198	95.6	76.3	114.5	
200	31.1	24.4	36.6	

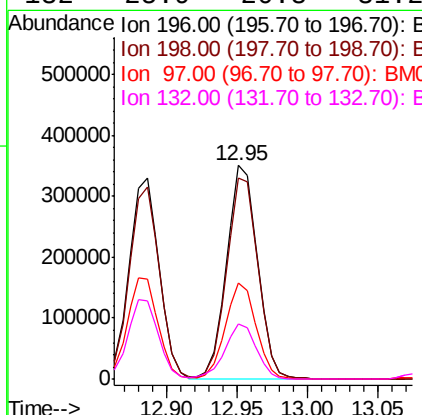
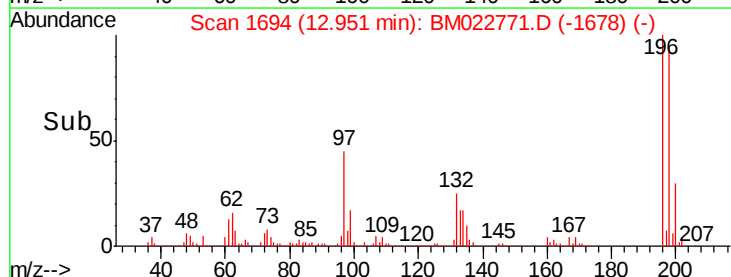
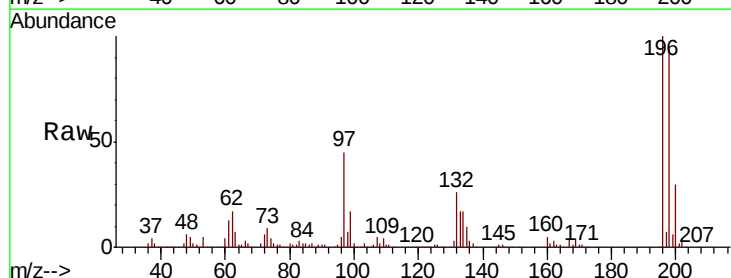
Manual Integrations
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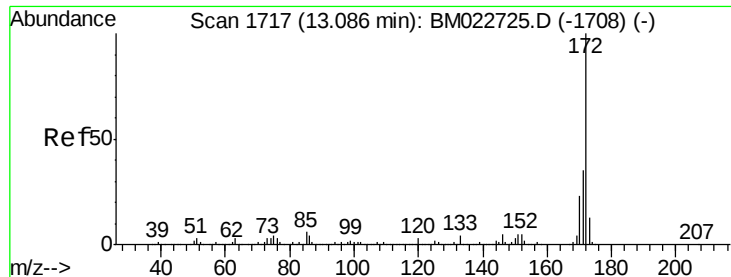
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.017 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	532104		
198	94.3	77.0	115.4	
97	45.2	37.2	55.8	
132	25.9	20.8	31.2	





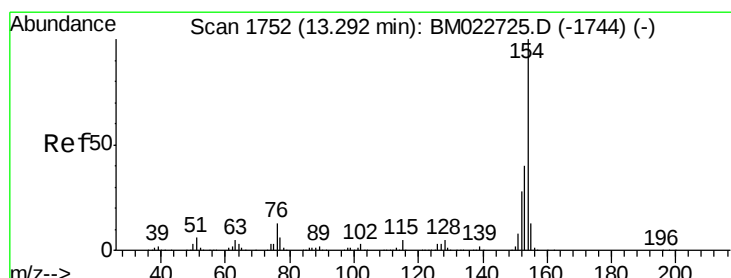
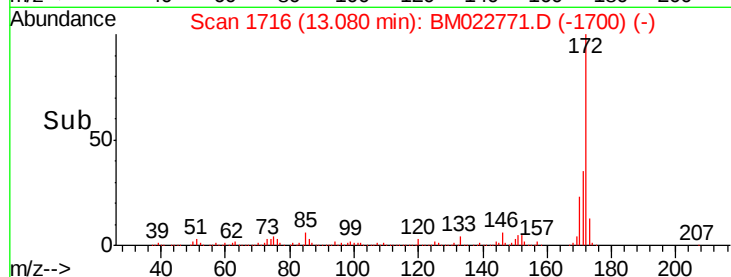
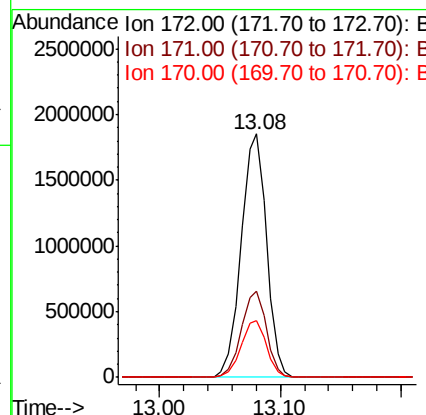
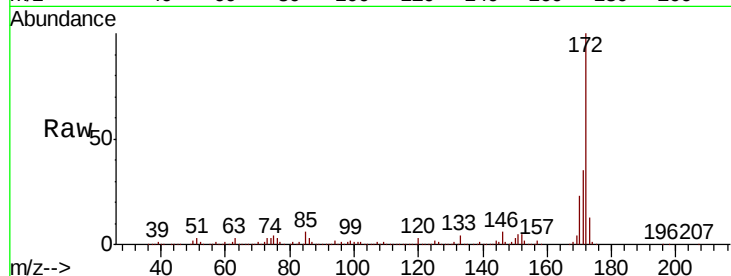
#45
2-Fluorobiphenyl
Concen: 68.723 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	23.3	18.7	28.1

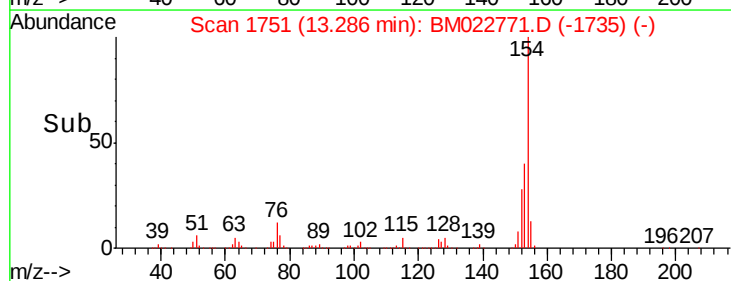
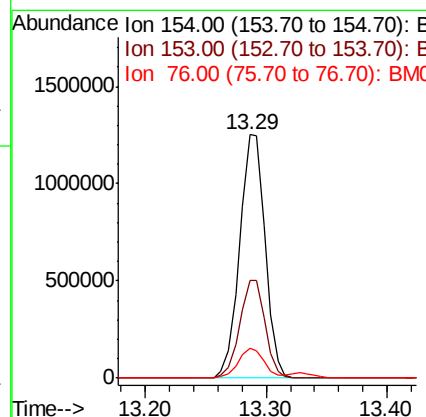
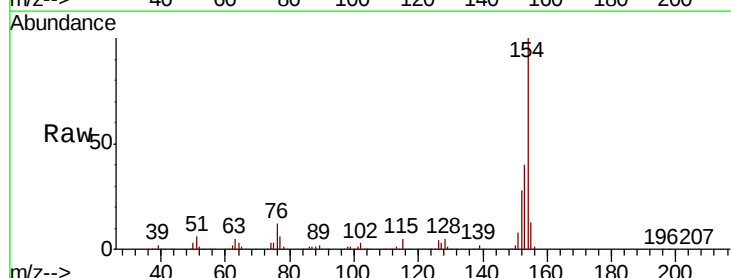
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#46
1,1'-Biphenyl
Concen: 40.948 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.1	60.1
76	12.4	0.0	32.6





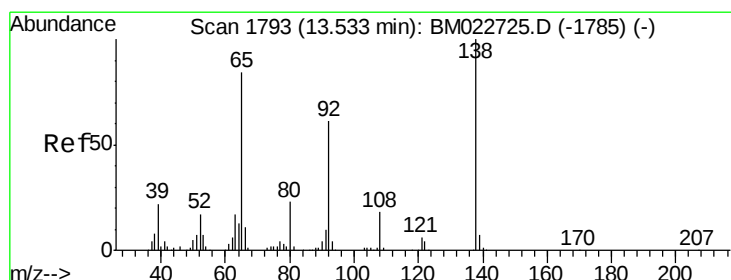
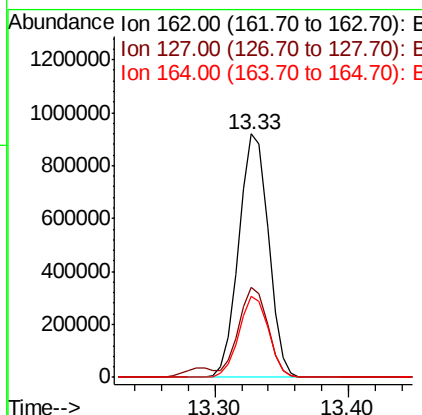
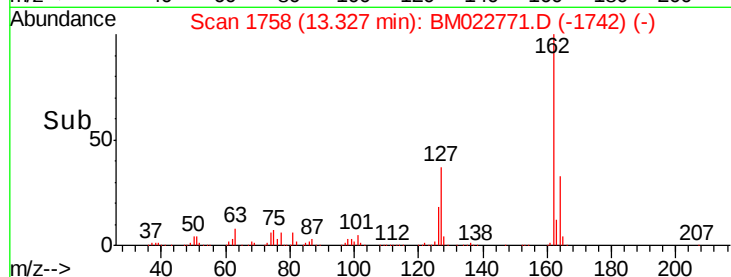
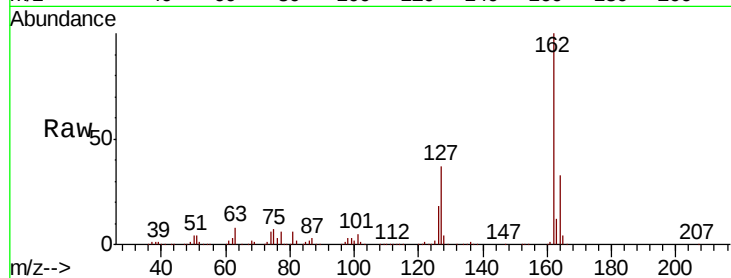
#47
 2-Chloronaphthalene
 Concen: 42.193 ng
 RT: 13.33 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	29.0	43.6
164	33.4	26.0	39.0

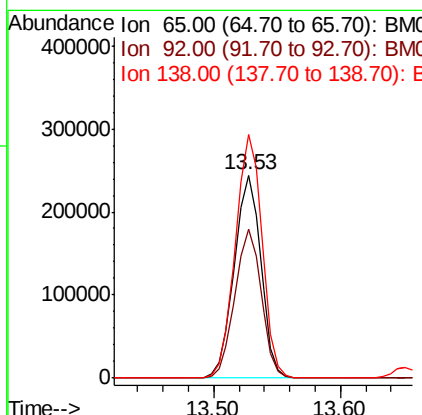
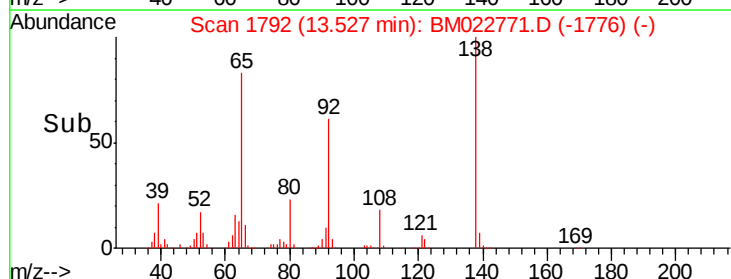
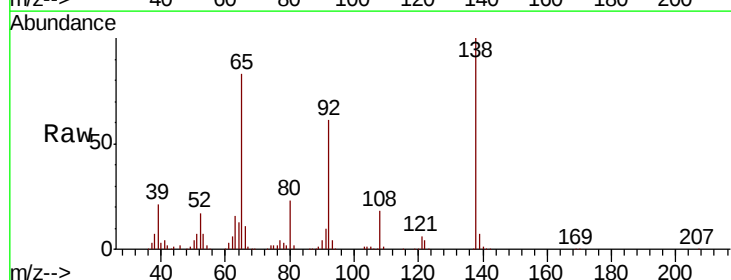
Manual Integrations
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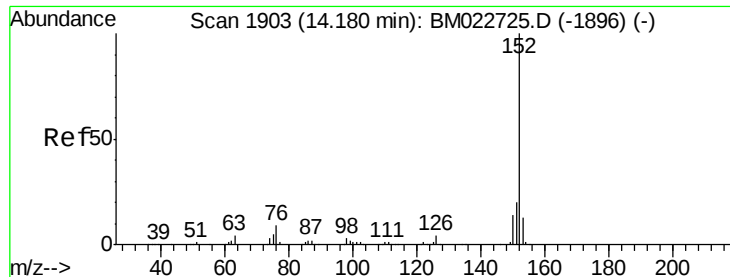
mohammad
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#48
 2-Nitroaniline
 Concen: 40.720 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	58.6	87.8
138	120.1	95.4	143.0





#49

Acenaphthylene

Concen: 44.018 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

ClientSampleId :

PB123298BS

Tot Ion:152 Resp: 2186438

Ion Ratio Lower Upper

152 100

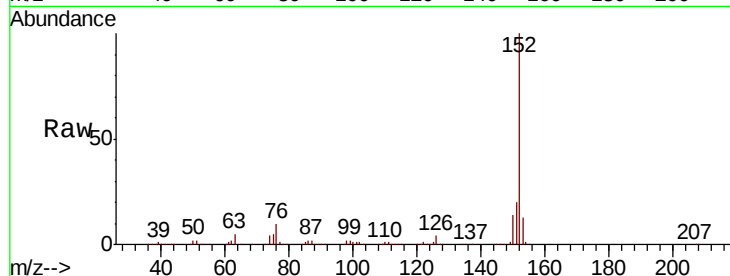
151 19.8 15.9 23.9

153 13.3 10.5 15.7

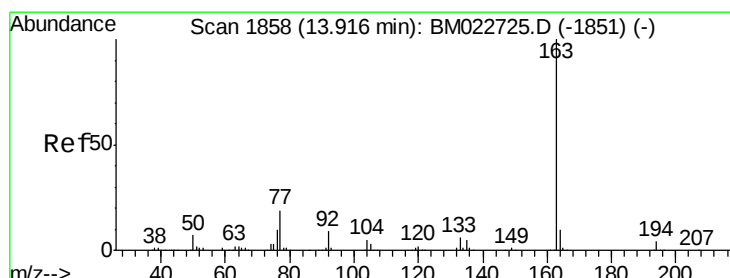
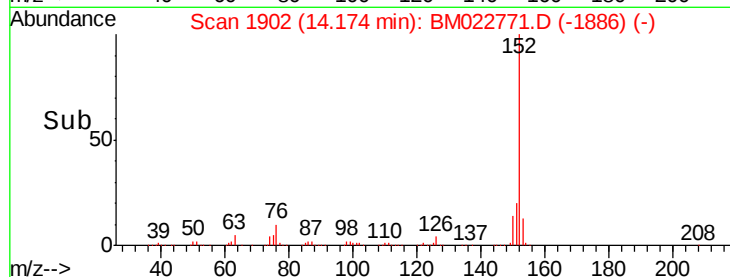
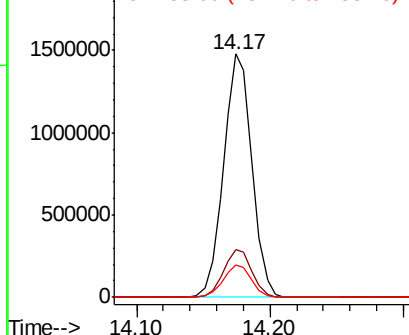
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Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.964 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

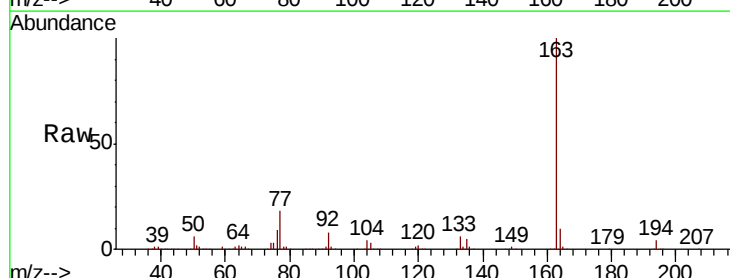
Tgt Ion:163 Resp: 1649021

Ion Ratio Lower Upper

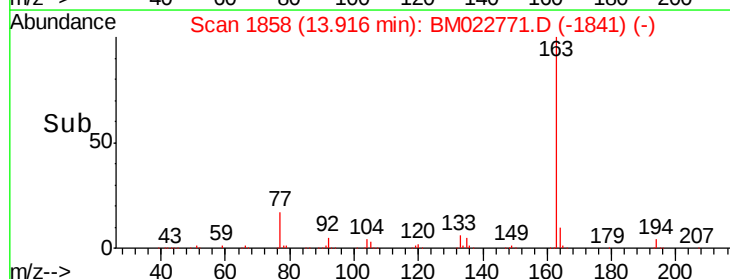
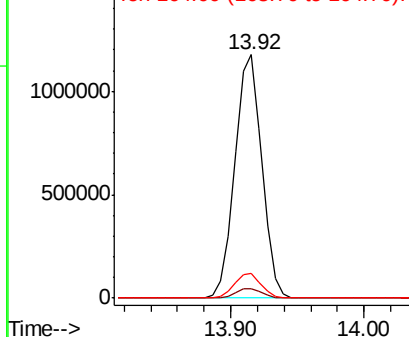
163 100

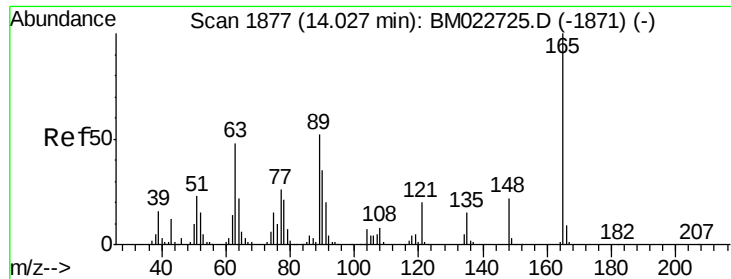
194 4.1 3.3 4.9

164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





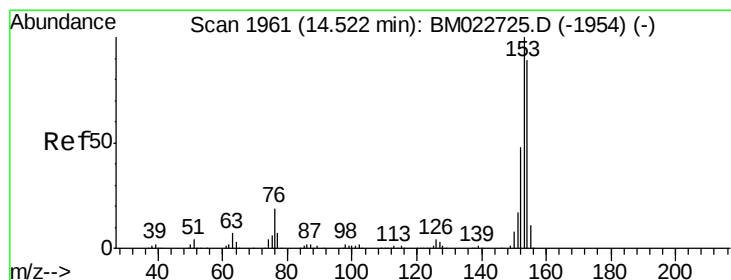
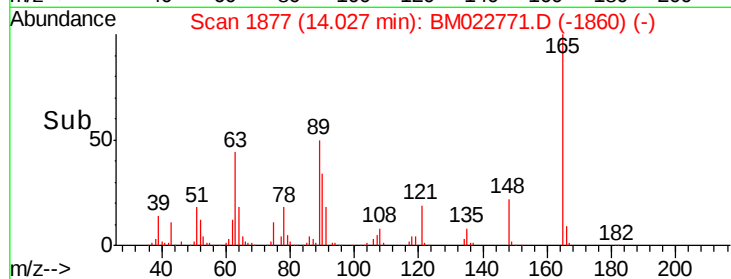
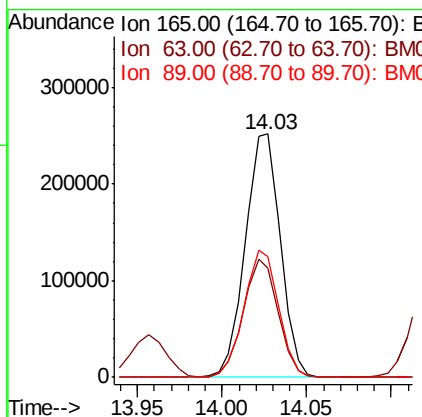
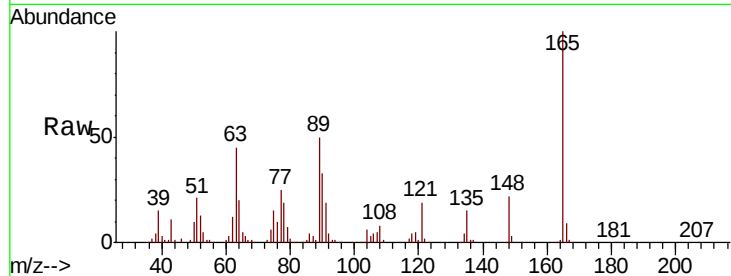
#51
 2,6-Dinitrotoluene
 Concen: 44.485 ng
 RT: 14.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Tot Ion:	165	Resp:	365653
Ion Ratio	Lower	Upper	
165	100		
63	44.8	38.6	58.0
89	49.6	41.6	62.4

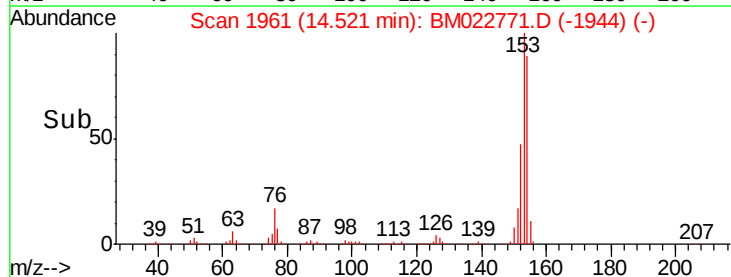
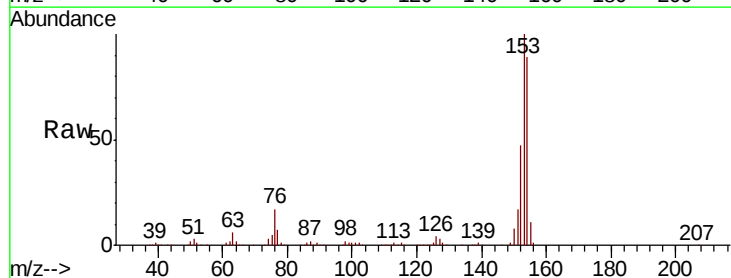
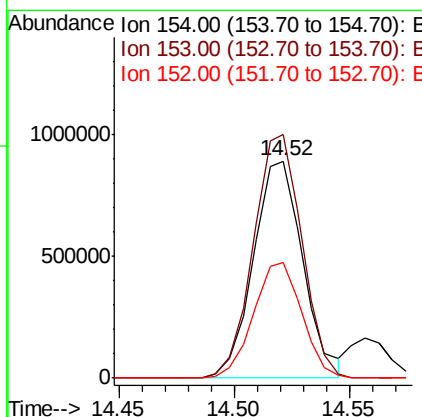
Manual Integrations
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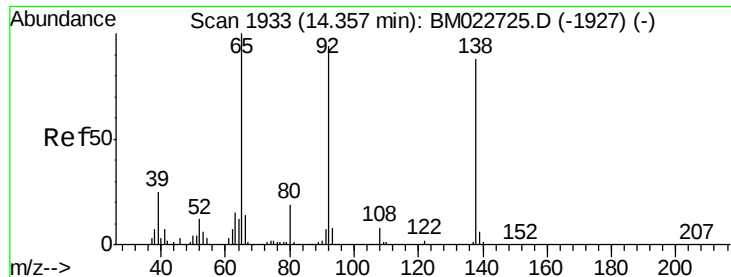
mohammad
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#52
 Acenaphthene
 Concen: 40.874 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion:	154	Resp:	1328263
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.0	135.0
152	53.1	42.9	64.3





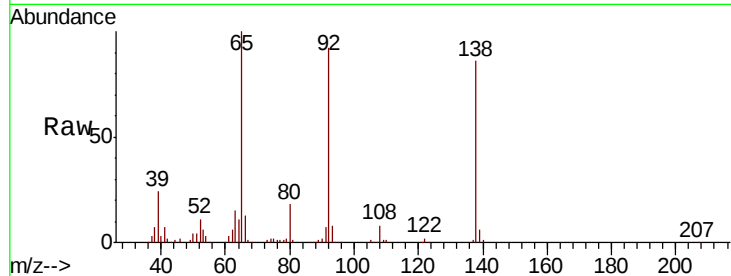
#53
3-Nitroaniline
Concen: 27.425 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleID :
PB123298BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.3	10.9
92	107.0	86.3	129.5

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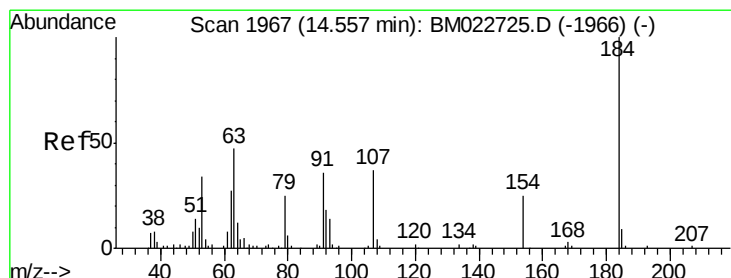
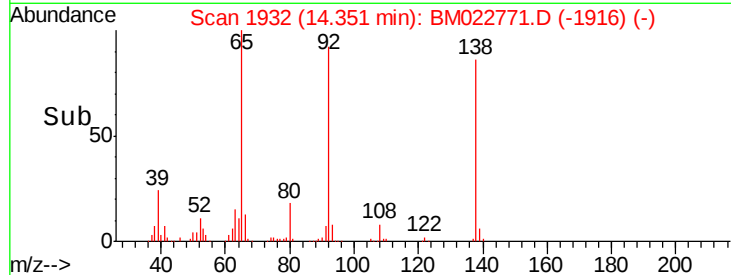
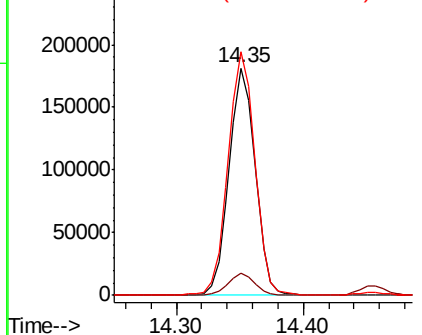


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 86.638 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

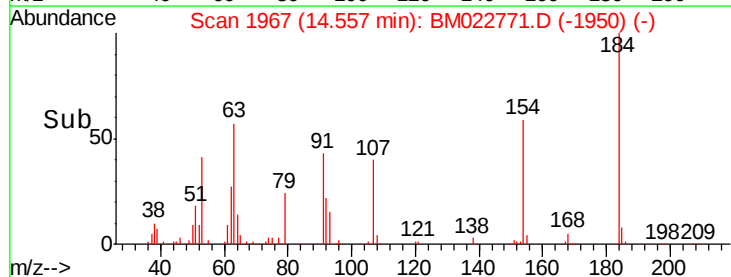
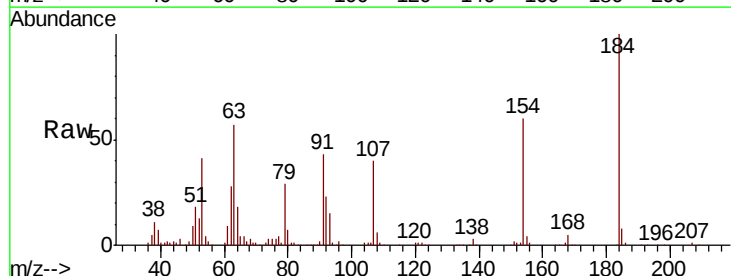
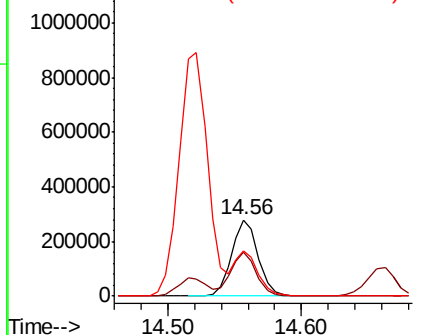
Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	48.5	72.7
154	59.7	48.1	72.1

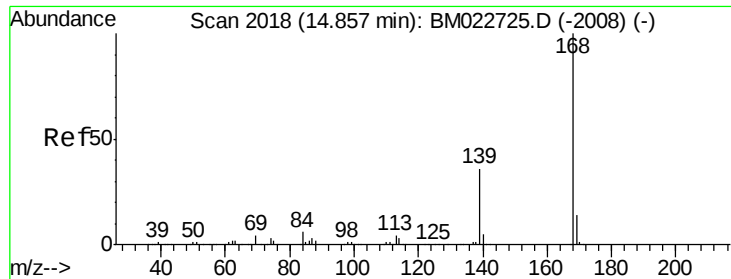
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





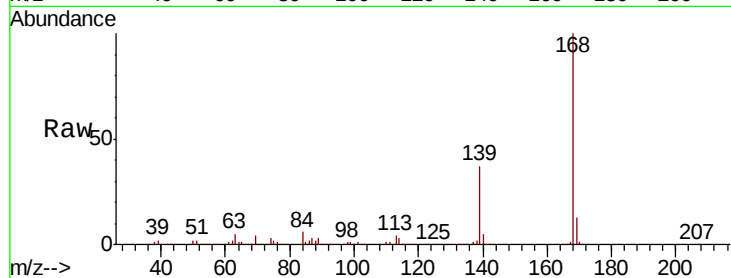
#55
Dibenzofuran
Concen: 42.962 ng
RT: 14.85 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	28.8	43.2
169	13.4	10.9	16.3

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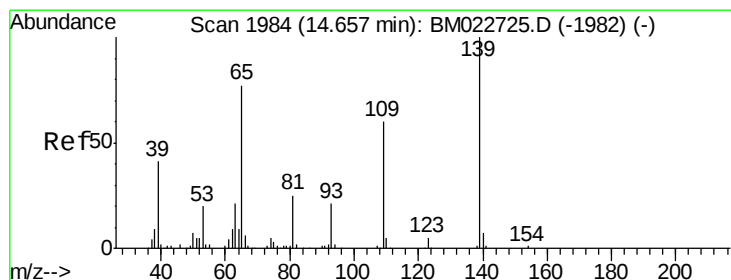
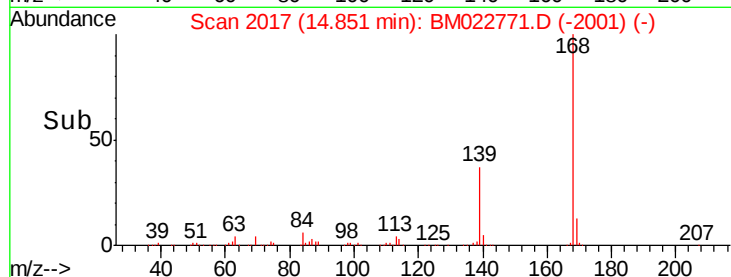
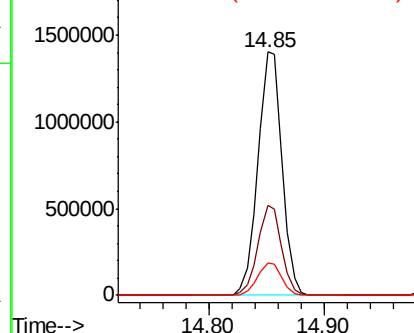


Abundance

Ion 168.00 (167.70 to 168.70): E

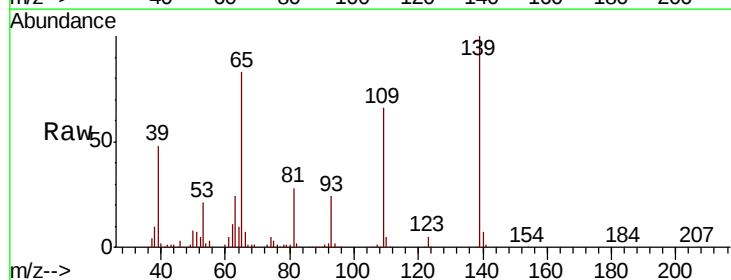
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 85.954 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.9	44.8	84.8
65	83.1	66.6	106.6

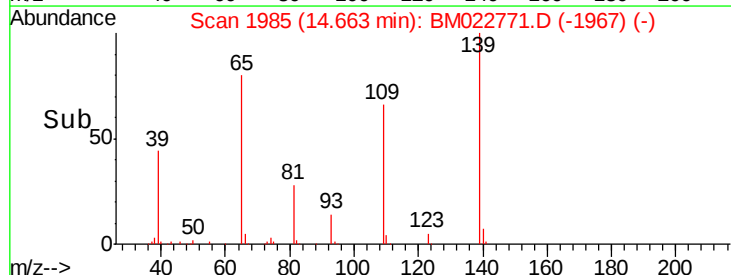
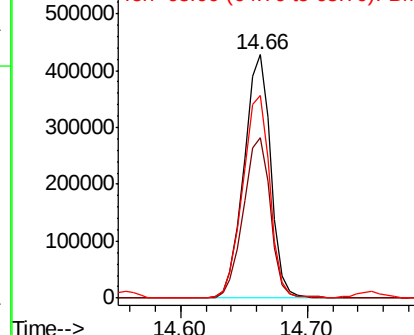


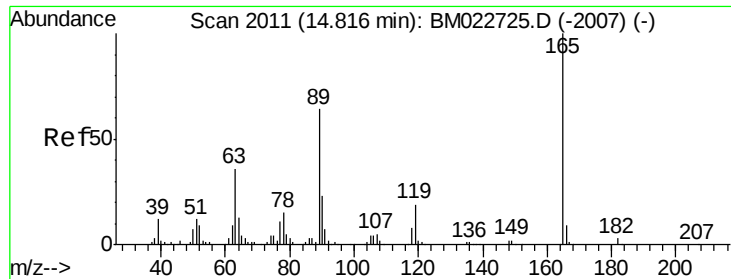
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





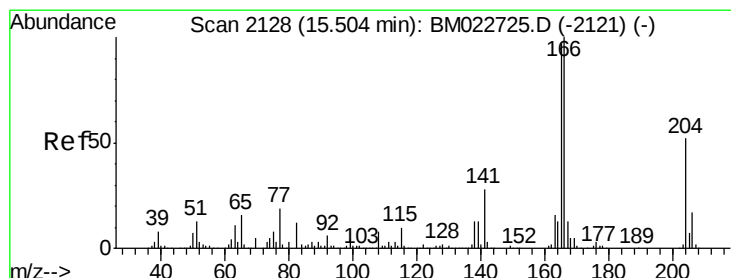
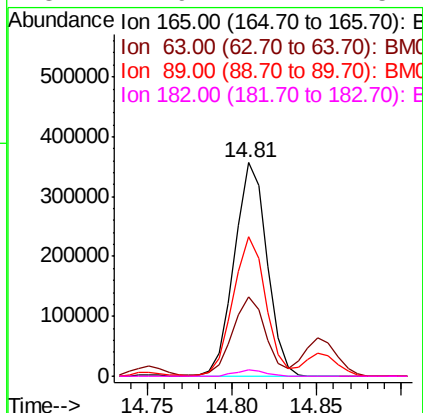
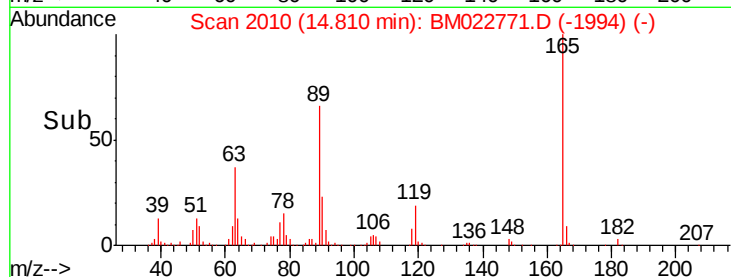
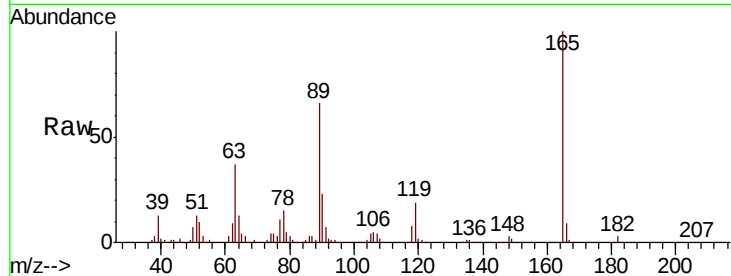
#57
2,4-Dinitrotoluene
Concen: 44.749 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		481866		
63	36.9		30.1	45.1	
89	65.5		52.5	78.7	
182	2.9		2.2	3.4	

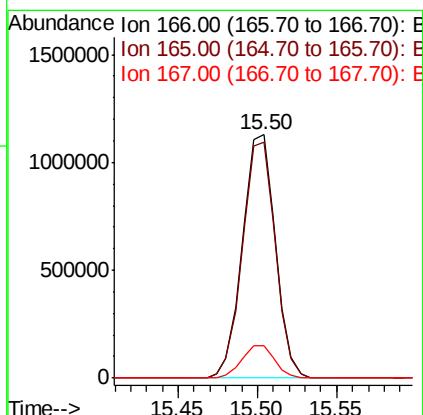
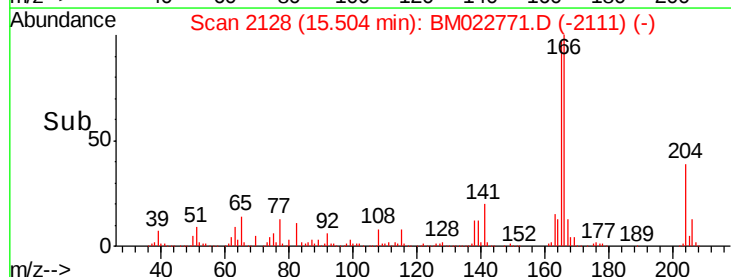
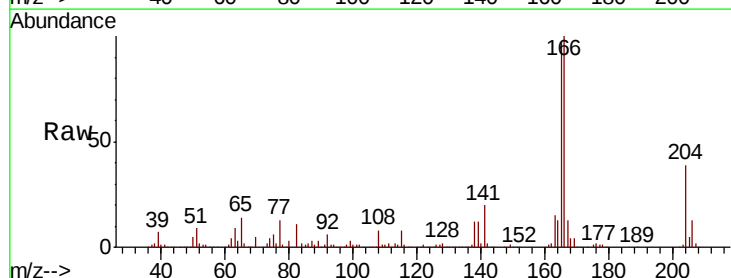
Manual Integrations
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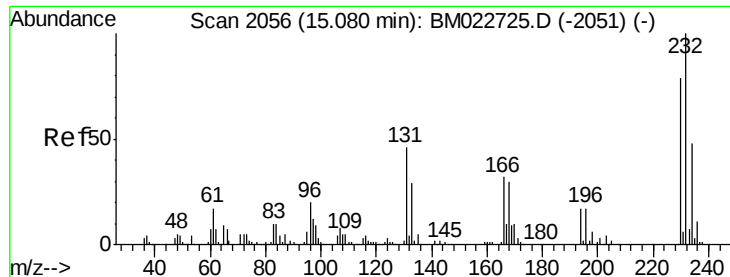
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#58
Fluorene
Concen: 42.148 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1624894		
165	96.9		77.6	116.4	
167	13.2		10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.199 ng

RT: 15.08 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

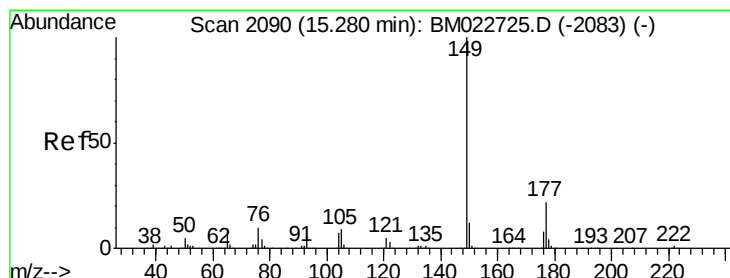
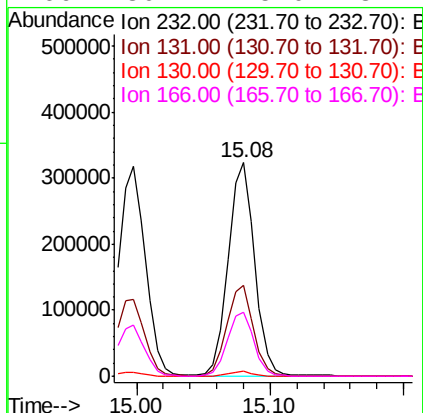
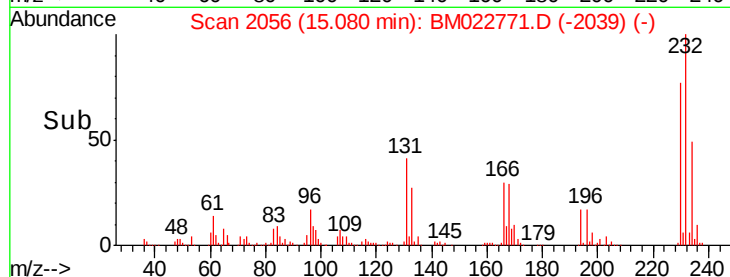
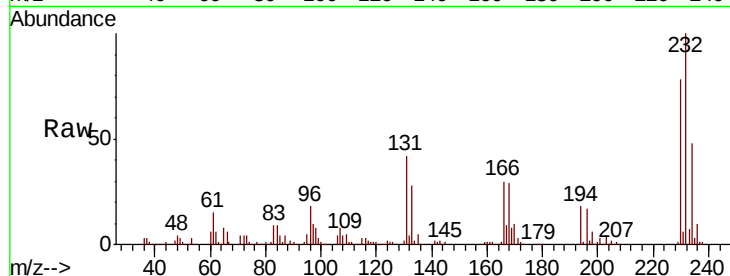
ClientSampleId :

PB123298BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	446489		
131	42.8	36.3	54.5	
130	2.2	1.8	2.8	
166	30.2	25.0	37.4	

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#60

Diethylphthalate

Concen: 42.887 ng

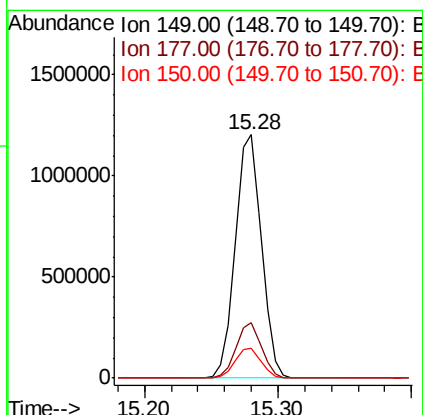
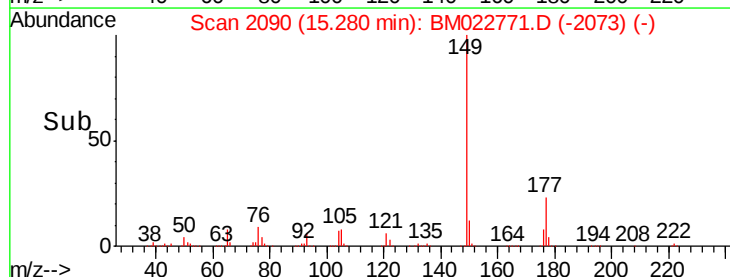
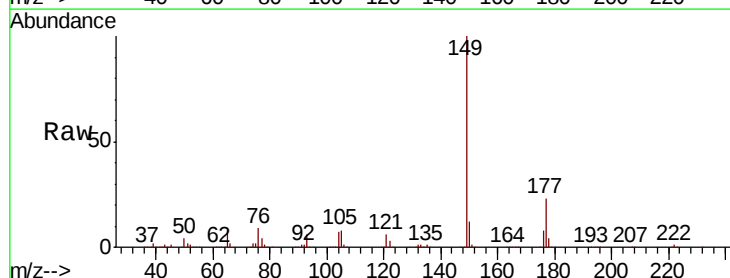
RT: 15.28 min Scan# 2090

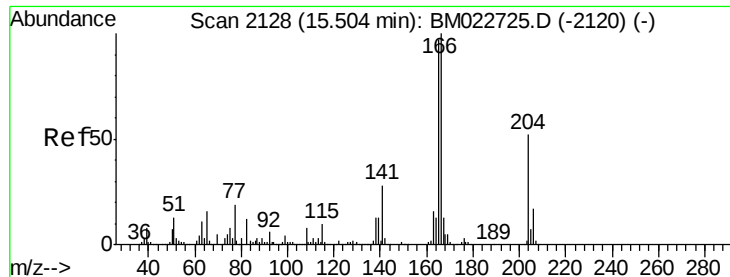
Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1638685		
177	22.9	17.6	26.4	
150	12.2	9.9	14.9	





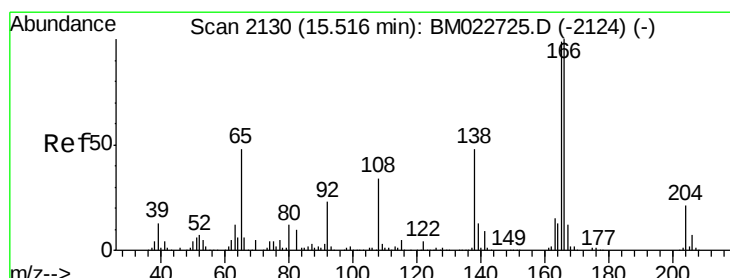
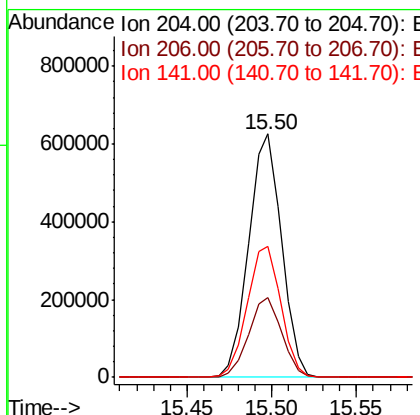
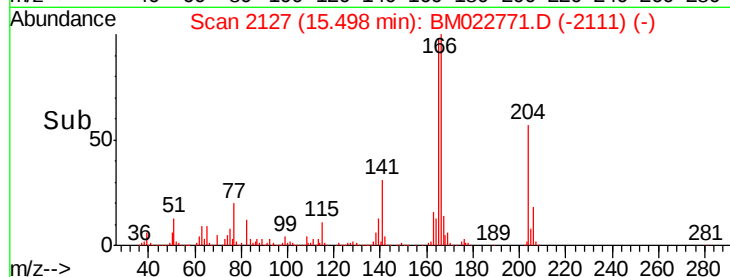
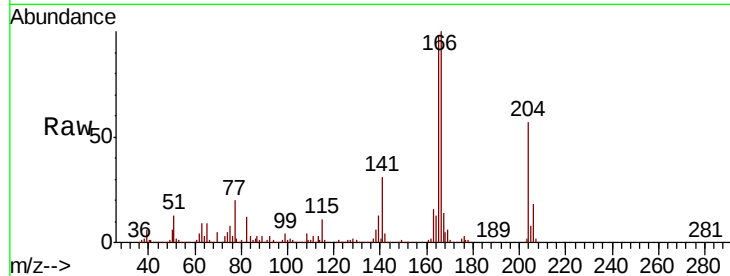
#61
 4-Chlorophenyl-phenylether
 Concen: 42.890 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.4
141	53.8	42.6	64.0

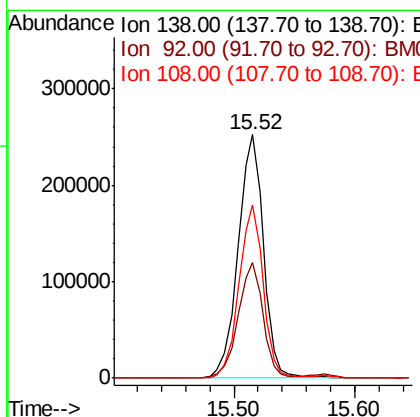
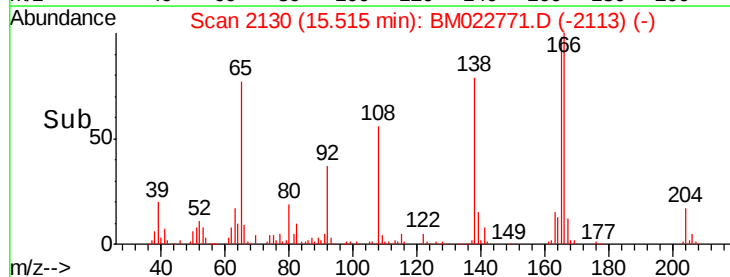
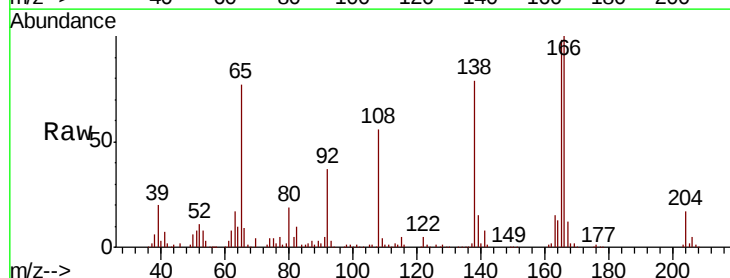
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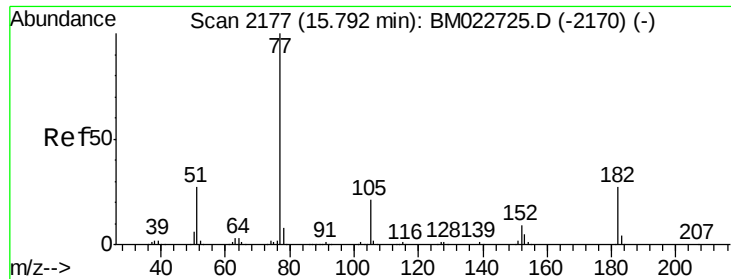
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#62
 4-Nitroaniline
 Concen: 37.402 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	28.7	68.7
108	71.1	50.3	90.3





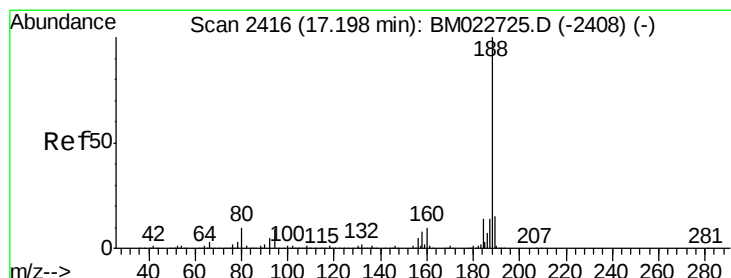
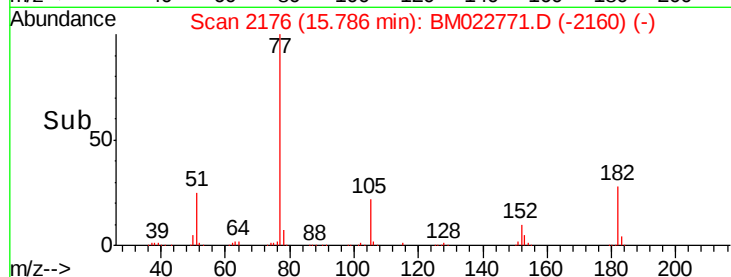
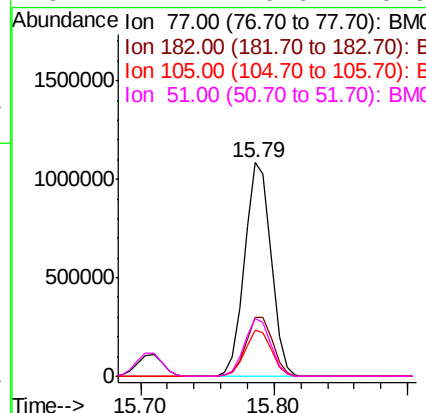
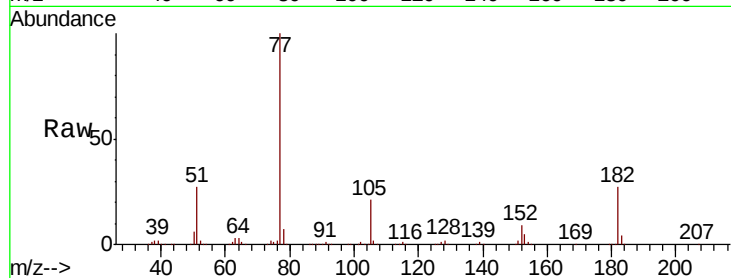
#63
Azobenzene
Concen: 42.609 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	7.0	47.0	
105	21.3	0.9	40.9	
51	27.1	6.6	46.6	

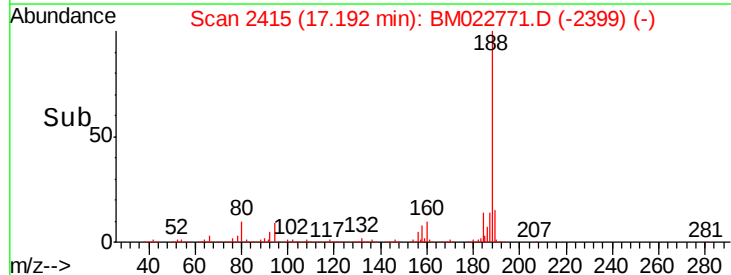
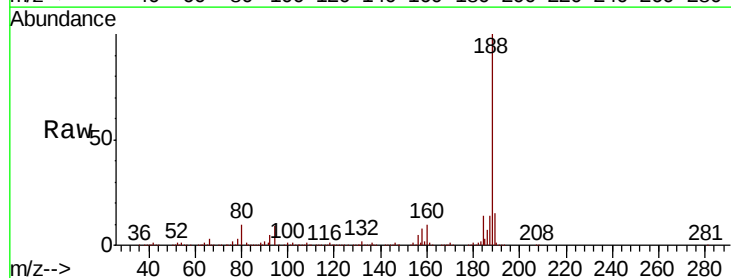
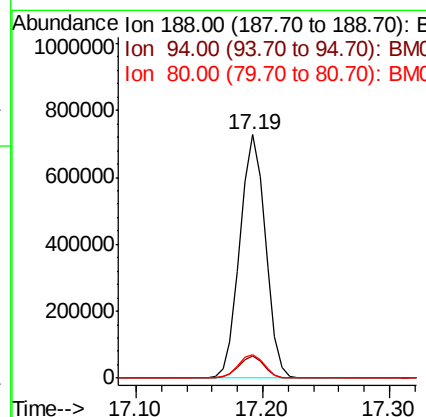
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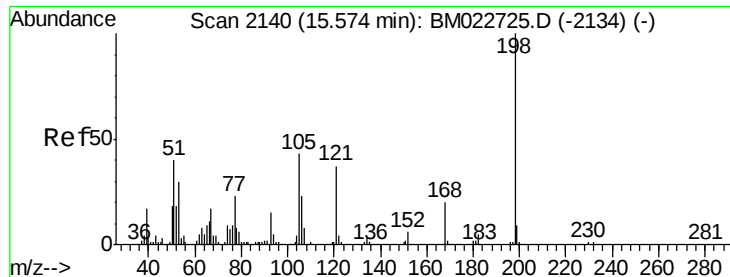
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.3	10.9	
80	9.8	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 49.370 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

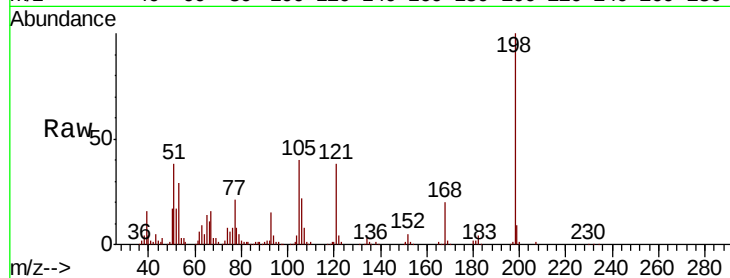
ClientSampleId :

PB123298BS

Tot Ion:	198	Resp:	252604
Ion Ratio	Lower	Upper	
198	100		
51	38.3	21.0	61.0
105	40.1	22.5	62.5

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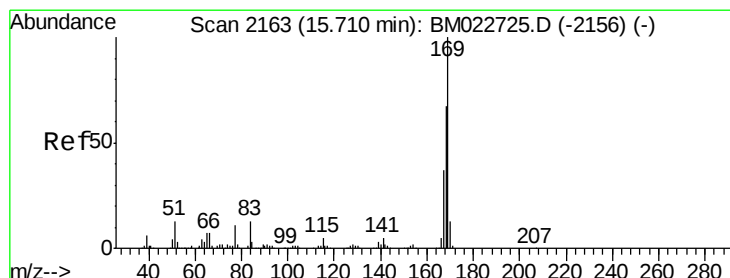
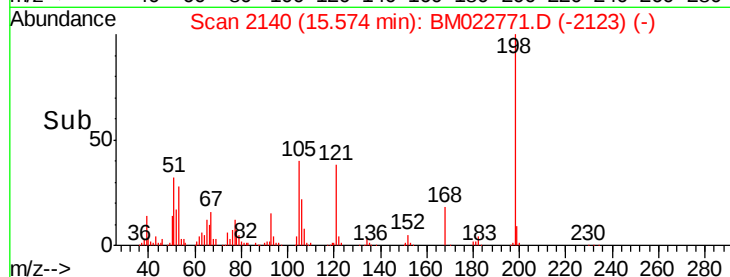
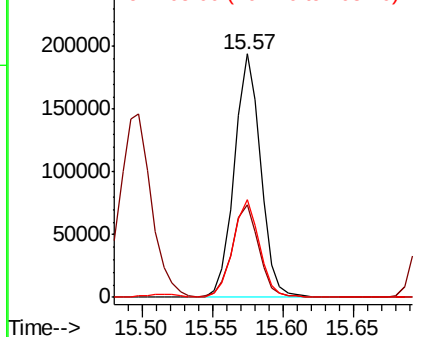


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.726 ng

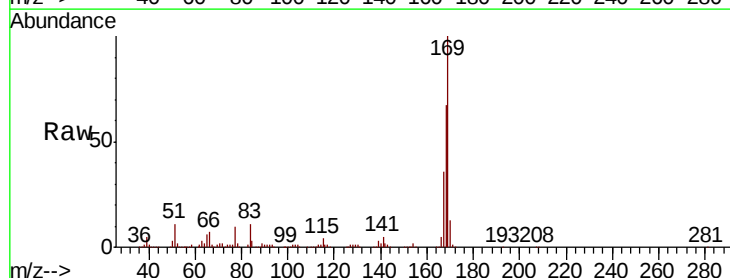
RT: 15.71 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	169	Resp:	1415503
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.4	80.2
167	36.0	29.3	43.9

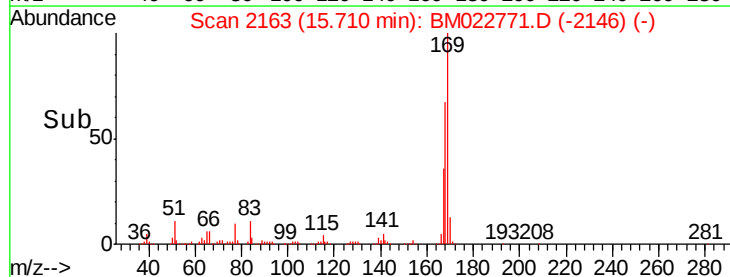
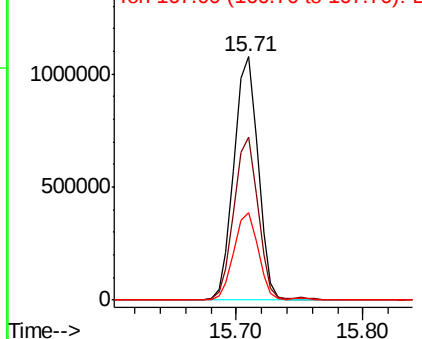


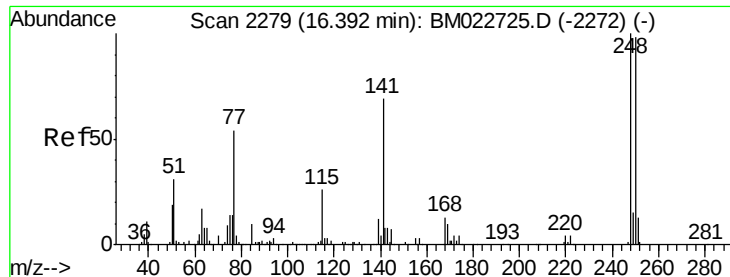
Abundance

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





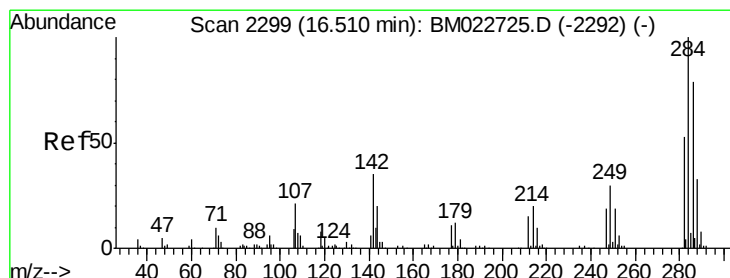
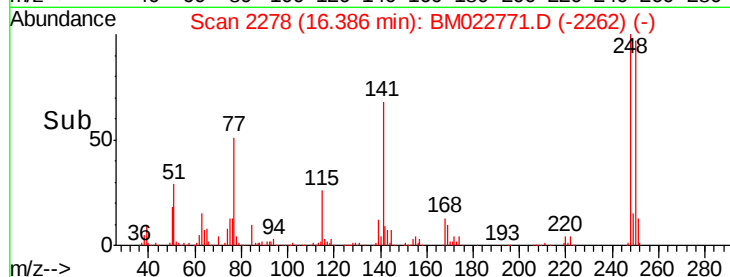
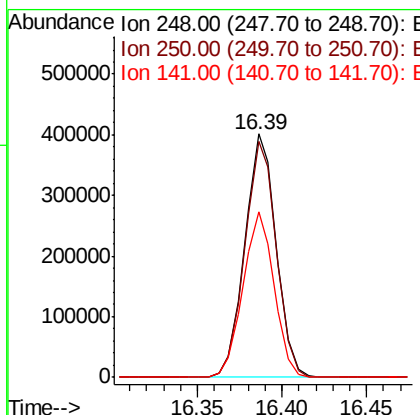
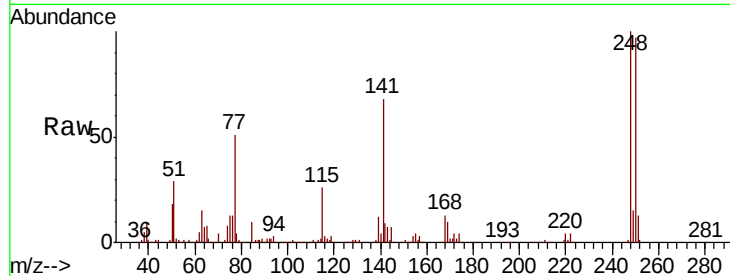
#67
 4-Bromophenyl-phenylether
 Concen: 45.983 ng
 RT: 16.39 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Tot Ion:	248	Resp:	518241
Ion Ratio	Lower	Upper	
248	100		
250	96.7	78.4	117.6
141	68.1	55.1	82.7

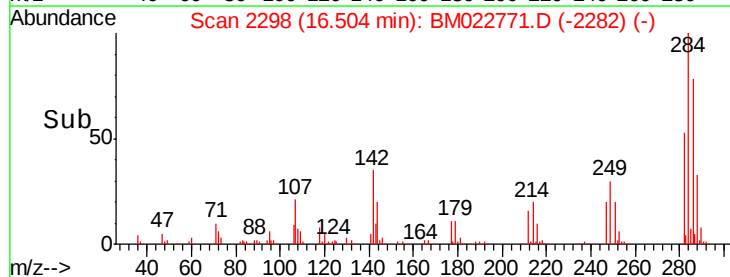
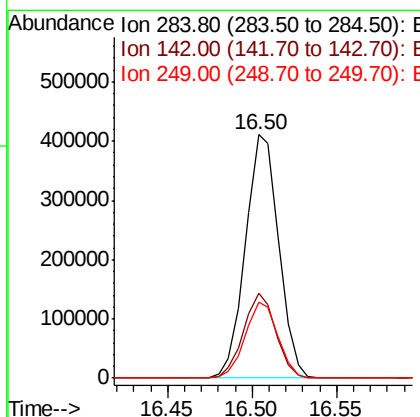
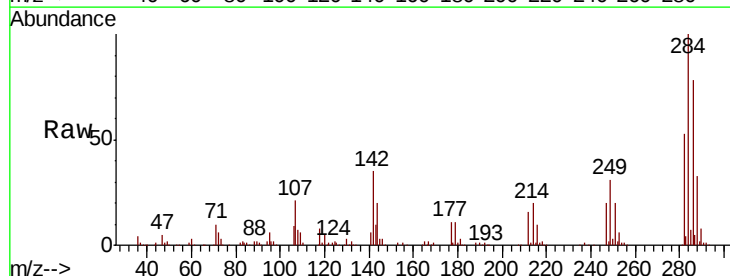
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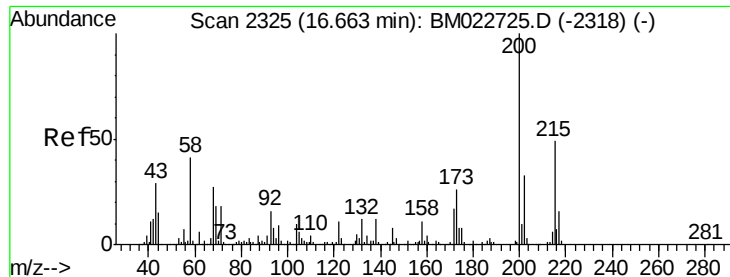
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#68
 Hexachlorobenzene
 Concen: 43.058 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion:	284	Resp:	565923
Ion Ratio	Lower	Upper	
284	100		
142	35.0	27.8	41.8
249	30.9	24.4	36.6





#69

Atrazine

Concen: 42.667 ng

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

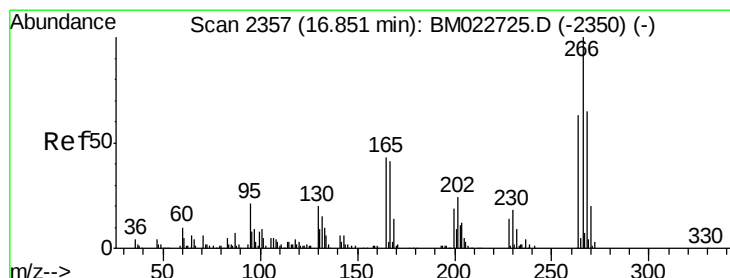
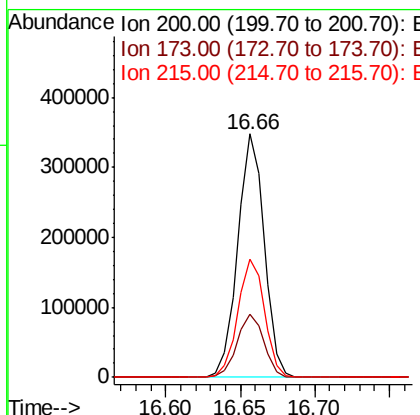
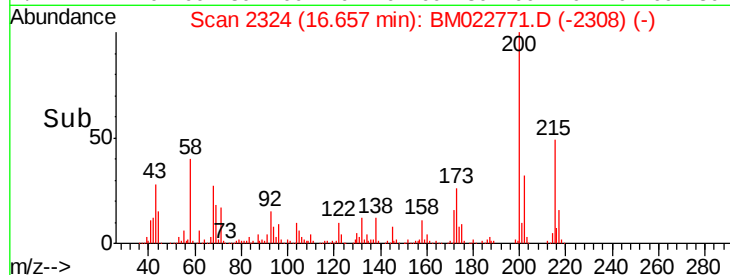
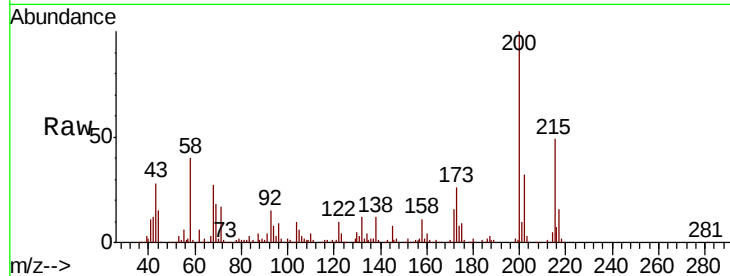
ClientSampleId :

PB123298BS

Tot Ion:	200	Resp:	429367
Ion Ratio	Lower	Upper	
200	100		
173	26.2	5.8	45.8
215	48.7	29.2	69.2

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#70

Pentachlorophenol

Concen: 98.706 ng

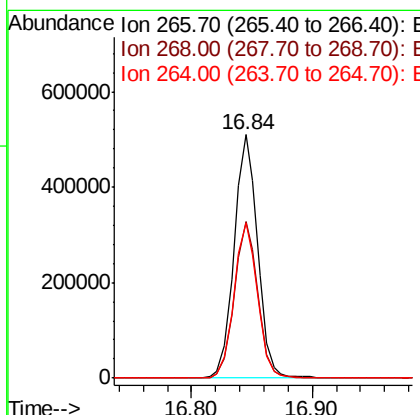
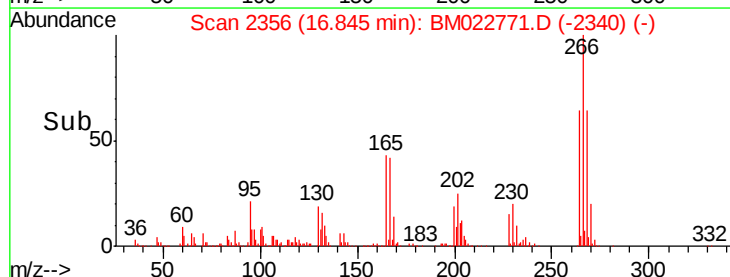
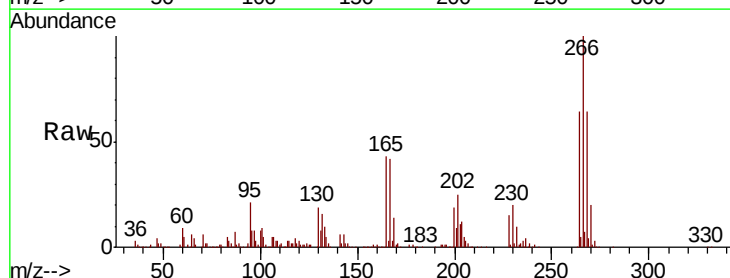
RT: 16.84 min Scan# 2356

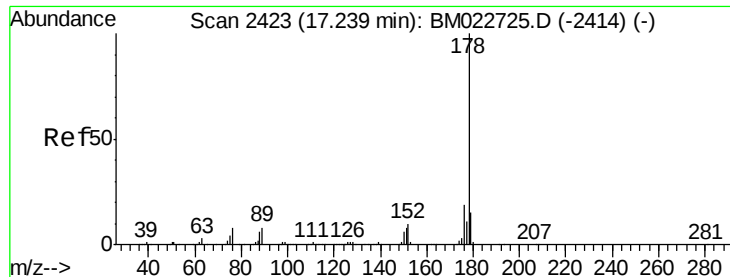
Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	266	Resp:	691864
Ion Ratio	Lower	Upper	
266	100		
268	64.1	51.8	77.6
264	63.8	50.2	75.4





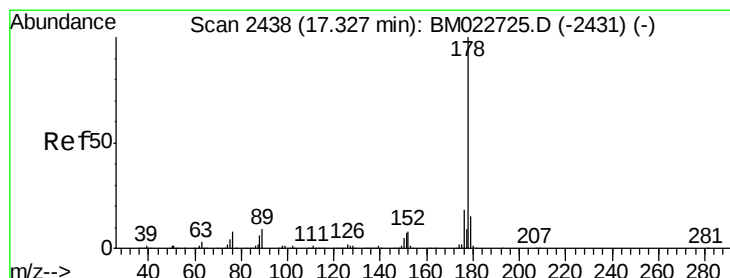
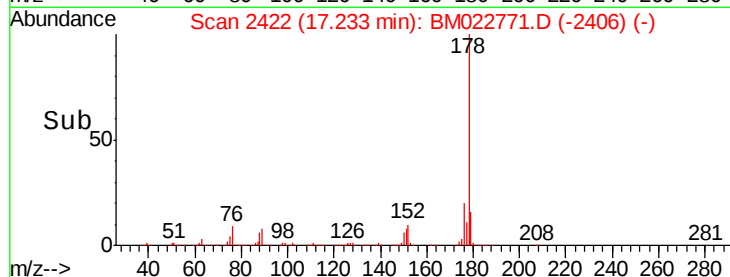
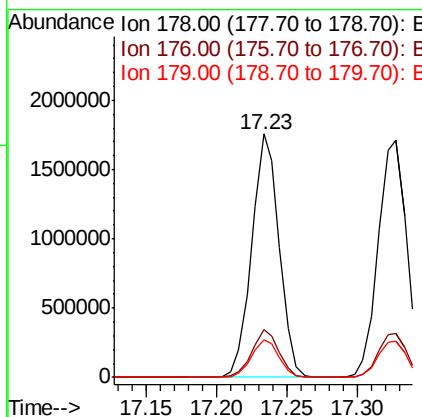
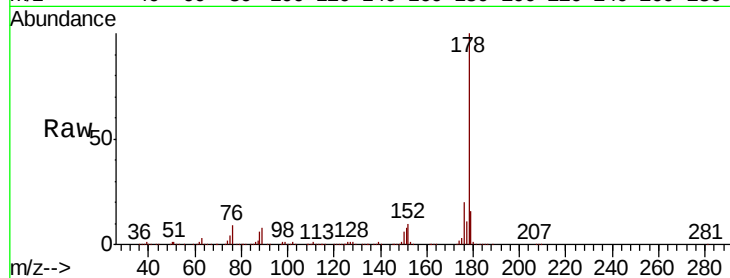
#71
Phenanthrene
Concen: 41.858 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.3	18.5

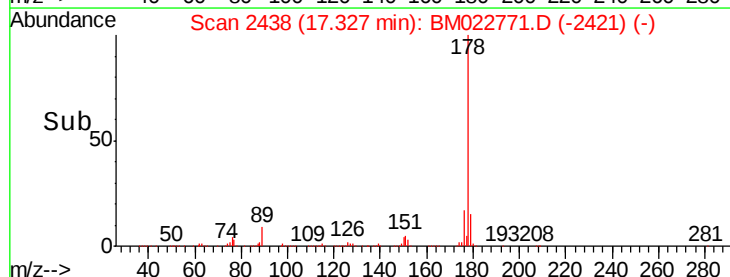
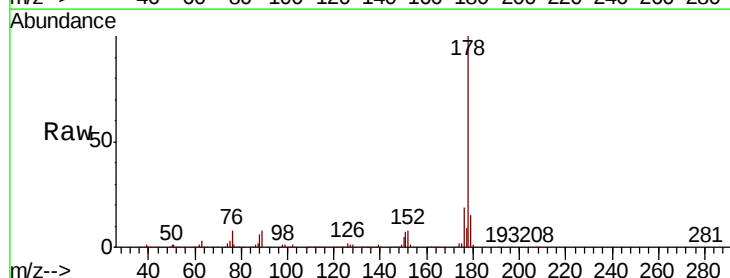
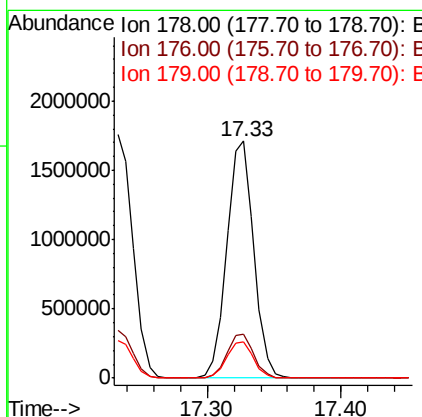
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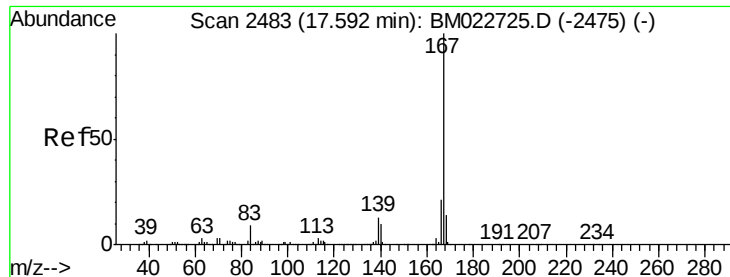
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#72
Anthracene
Concen: 43.658 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.4	12.2	18.4





#73

Carbazole

Concen: 41.256 ng

RT: 17.59 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

ClientSampleId :

PB123298BS

Tot Ion:167 Resp: 2127339

Ion Ratio Lower Upper

167 100

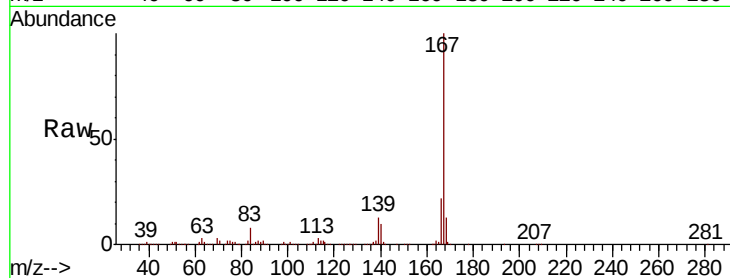
166 21.6 17.0 25.4

139 12.5 10.1 15.1

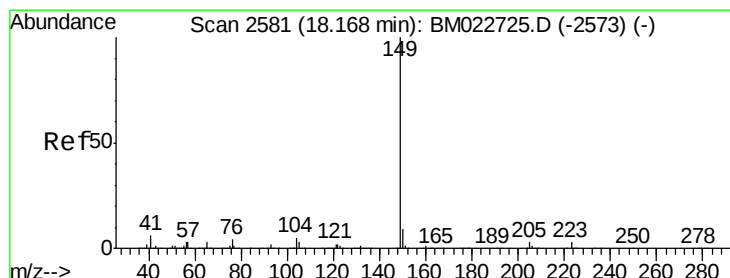
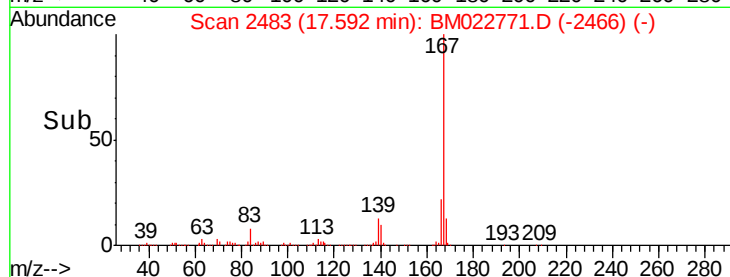
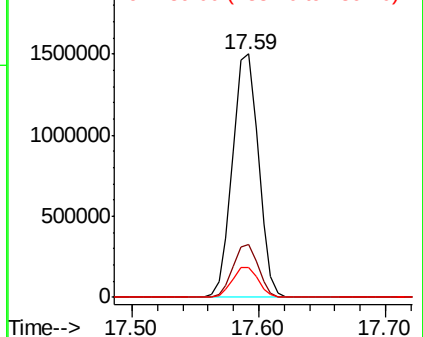
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
2000000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.904 ng

RT: 18.16 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

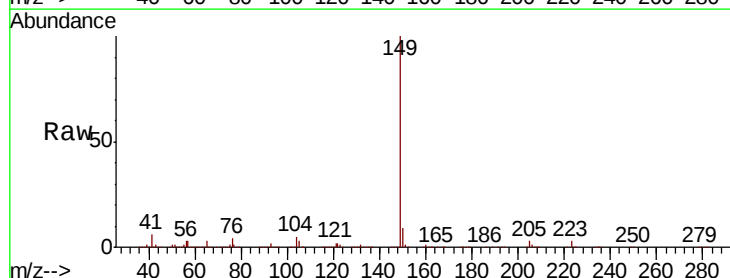
Tgt Ion:149 Resp: 2683951

Ion Ratio Lower Upper

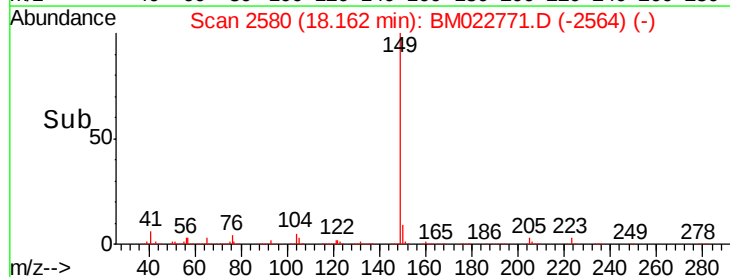
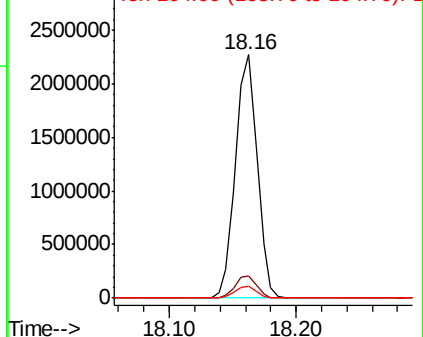
149 100

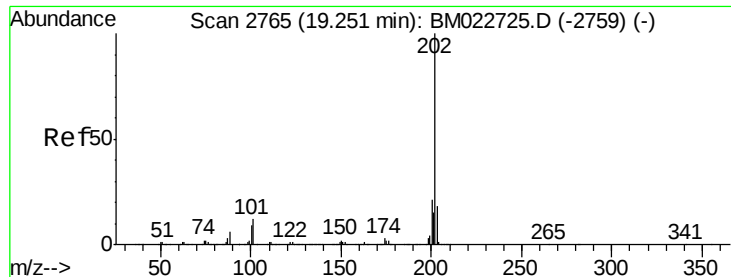
150 9.1 7.3 10.9

104 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
3000000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.777 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

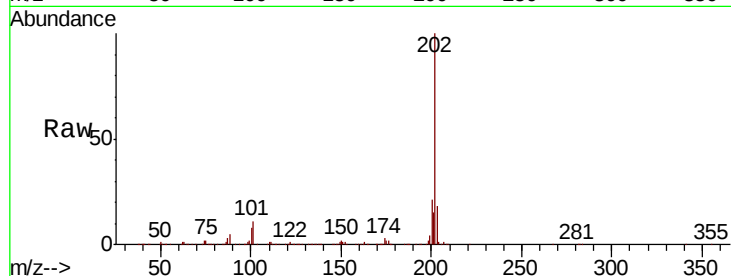
ClientSampleId :

PB123298BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.1
203	17.5	0.0	37.7

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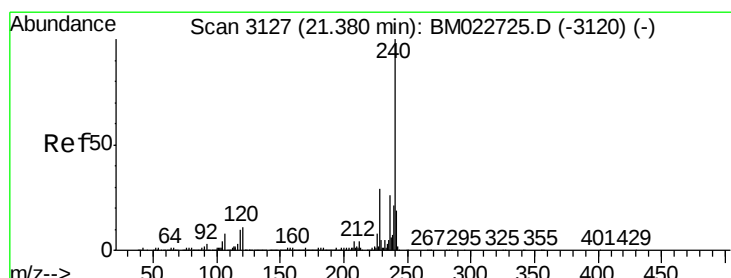
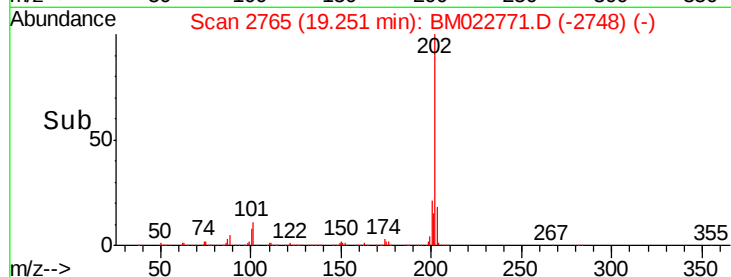
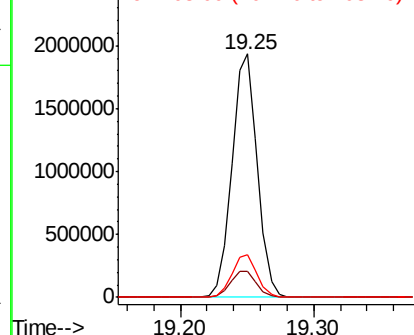


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

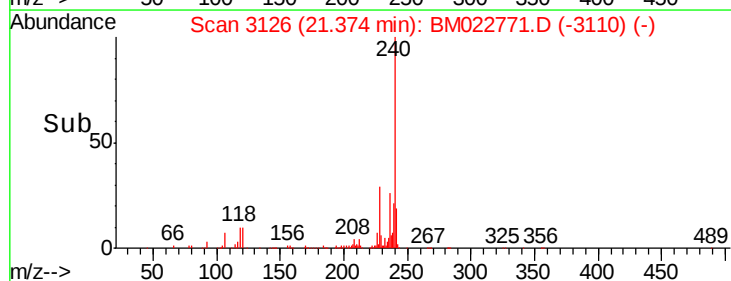
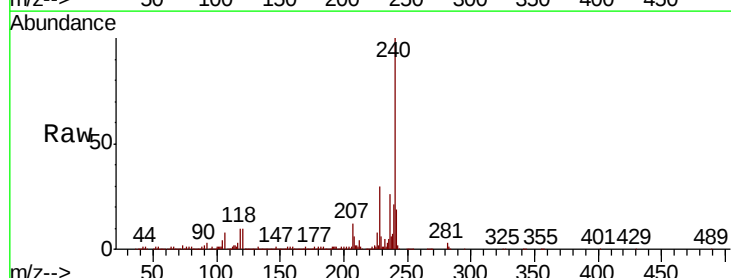
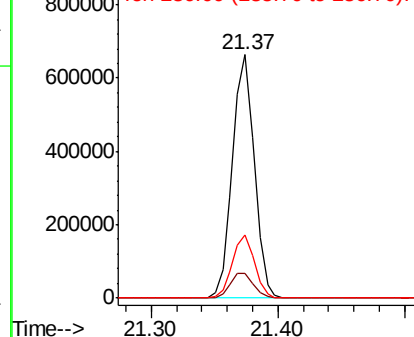
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	26.0	20.8	31.2

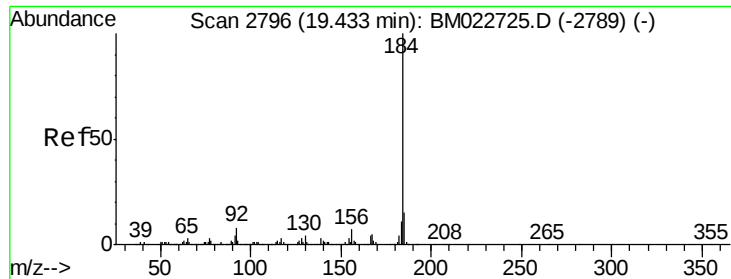
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.061 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

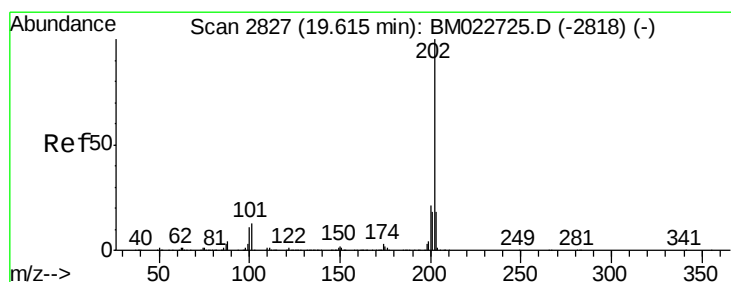
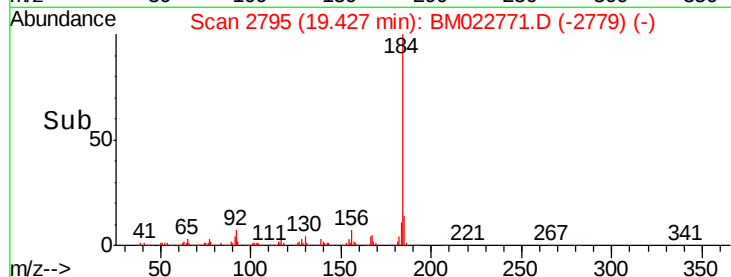
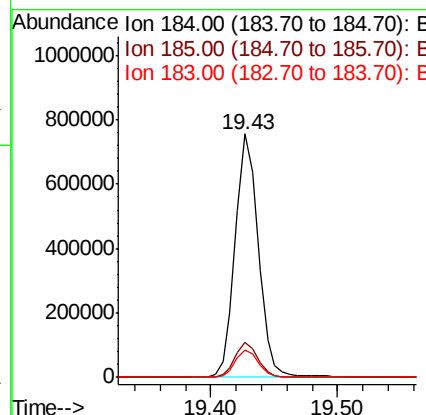
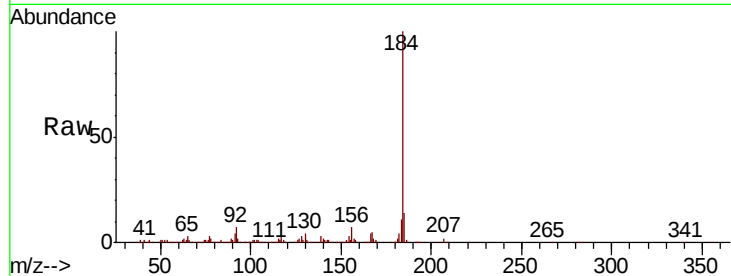
ClientSampleId :

PB123298BS

Tot Ion:	184	Resp:	957067
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.6	17.4
183	11.4	9.1	13.7

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#78

Pyrene

Concen: 50.443 ng

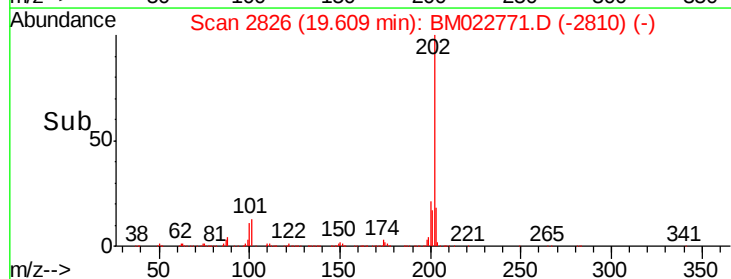
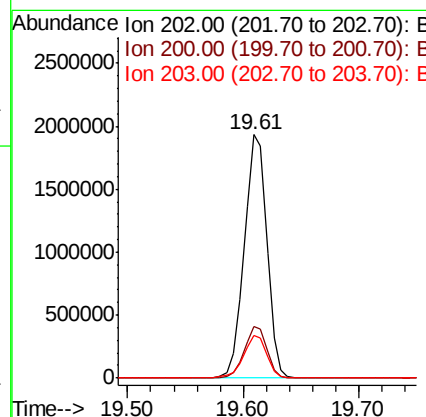
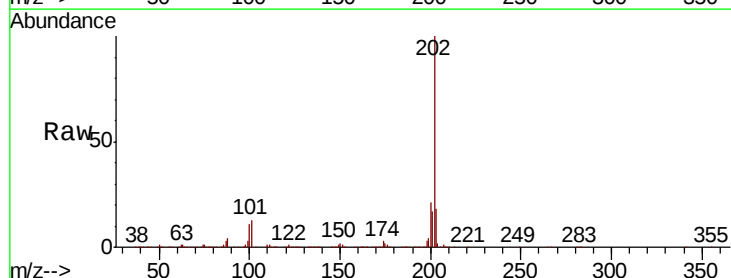
RT: 19.61 min Scan# 2826

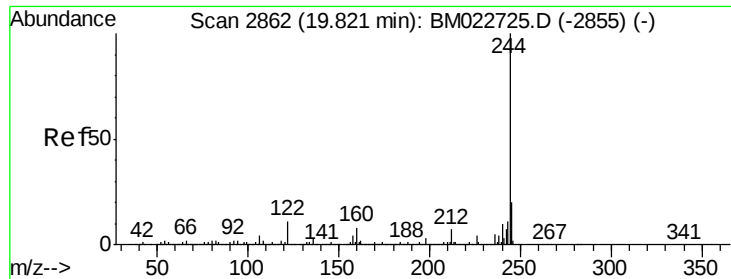
Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	202	Resp:	2617434
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.7	25.1
203	17.8	14.1	21.1





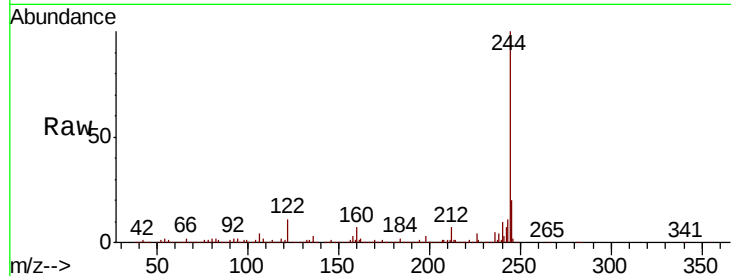
#79
 Terphenyl-d14
 Concen: 80.162 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

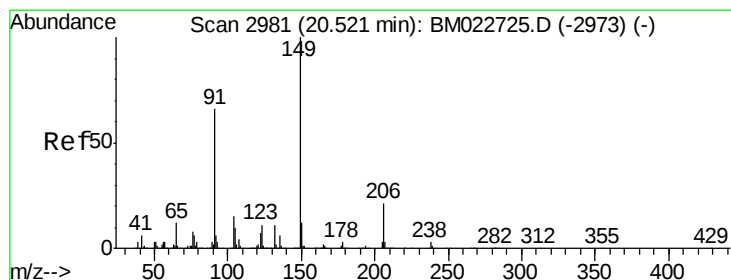
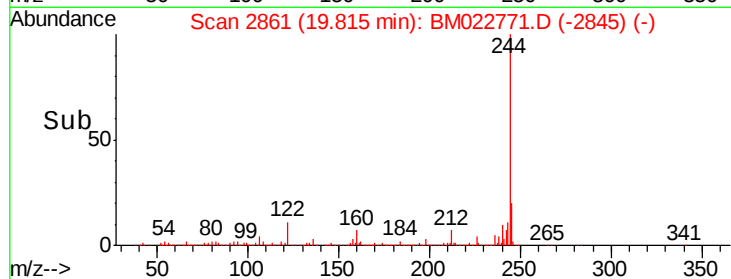
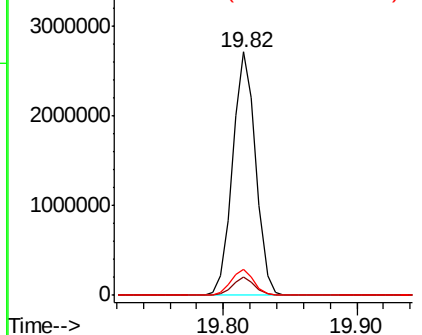
Tot Ion:244 Resp: 3277819
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.7 9.0 13.4

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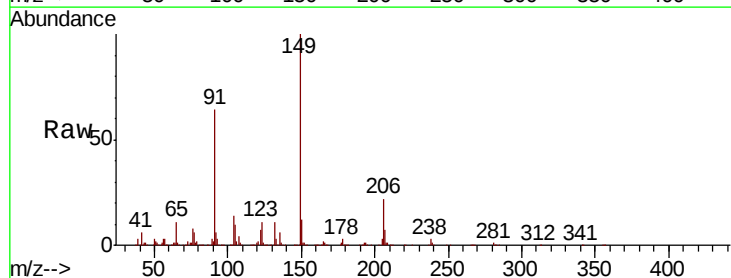


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

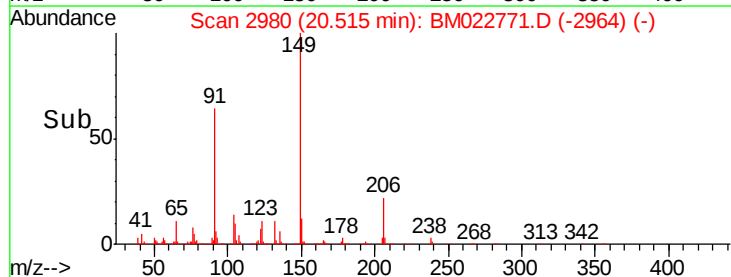
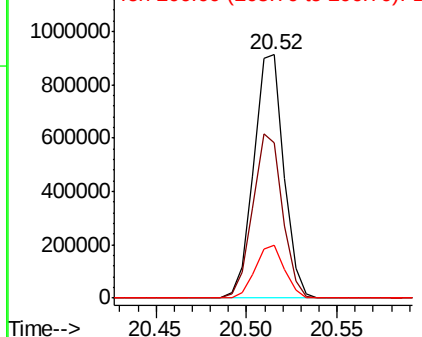


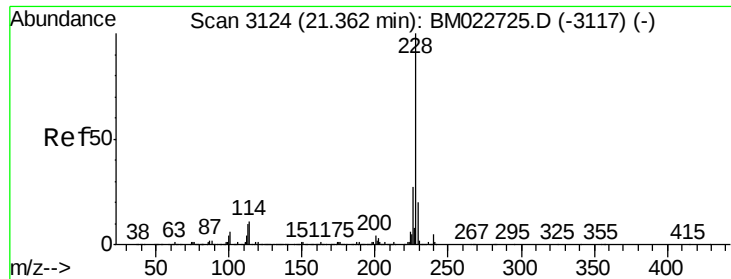
#80
 Butylbenzylphthalate
 Concen: 53.355 ng
 RT: 20.52 min Scan# 2980
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion:149 Resp: 1052192
 Ion Ratio Lower Upper
 149 100
 91 64.0 53.0 79.4
 206 22.0 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.280 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

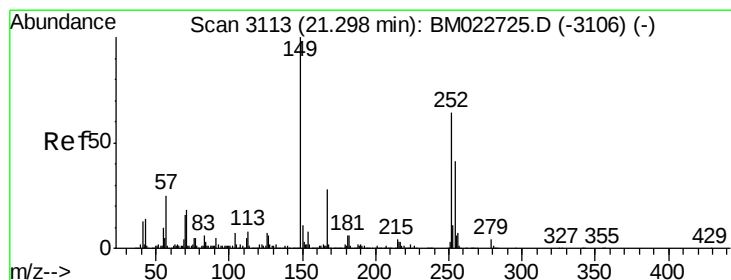
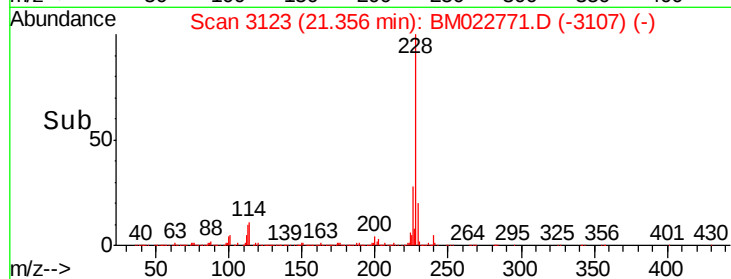
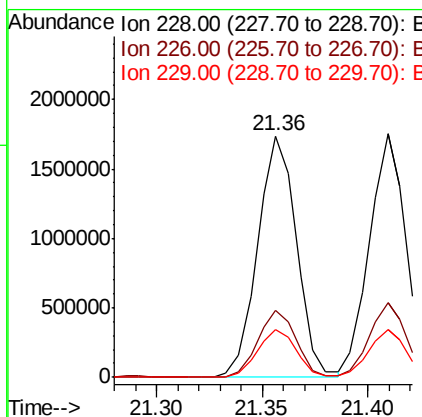
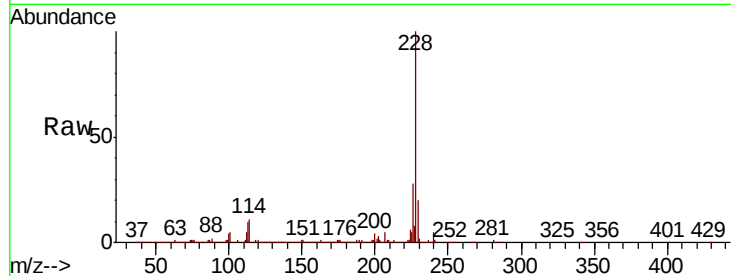
ClientSampleId :

PB123298BS

Tot Ion:	228	Resp:	2220998
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	19.8	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 38.156 ng

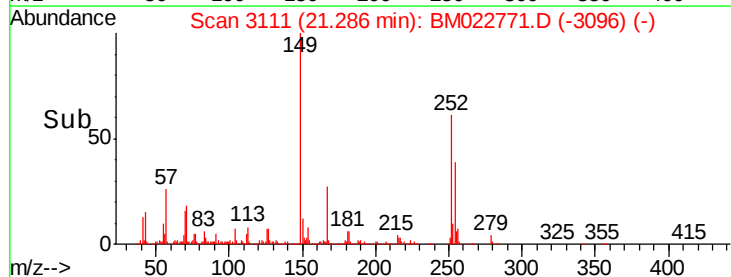
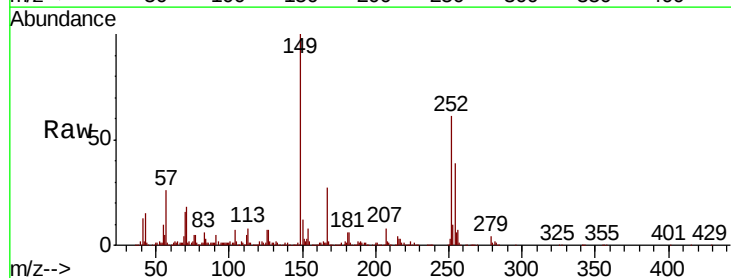
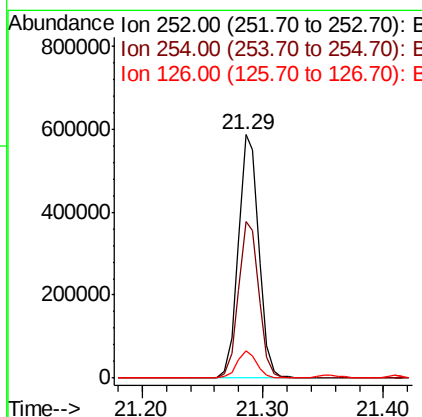
RT: 21.29 min Scan# 3111

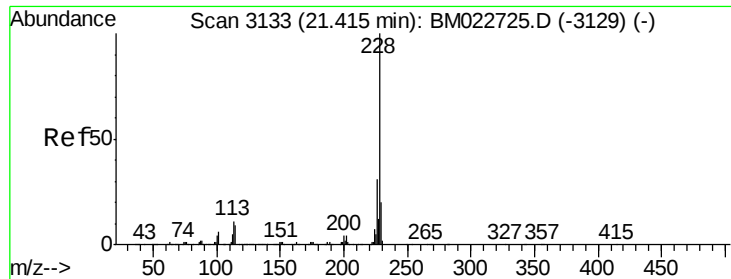
Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	252	Resp:	694385
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.7	77.5
126	11.3	8.3	12.5





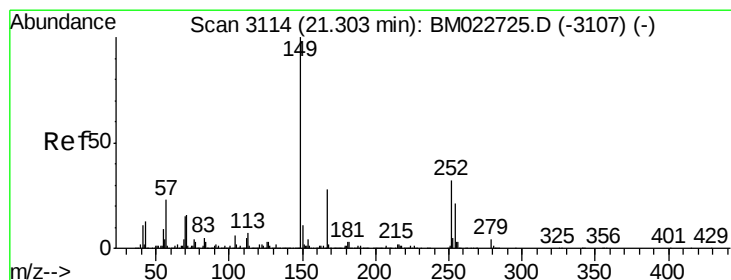
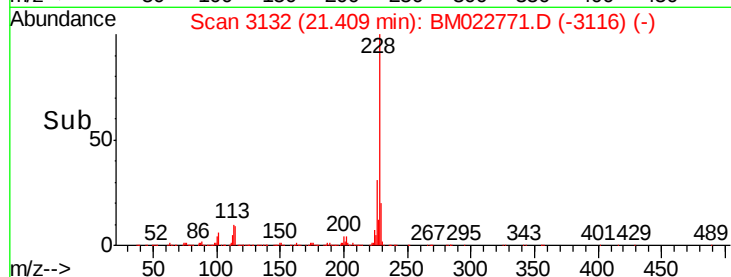
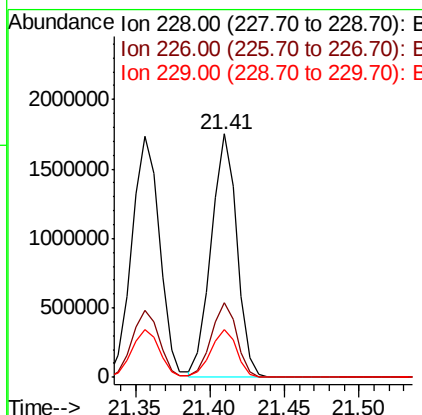
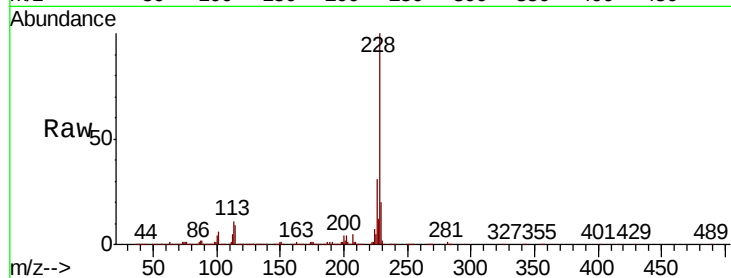
#83
 Chrysene
 Concen: 42.311 ng
 RT: 21.41 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	19.9	15.9	23.9

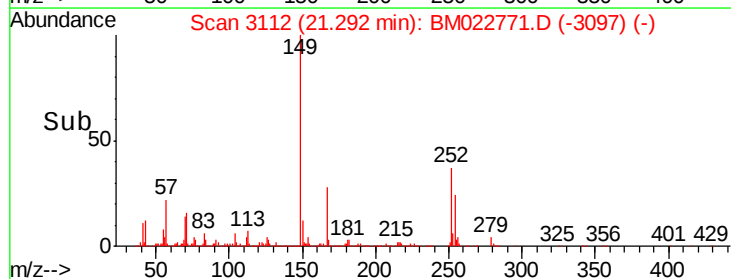
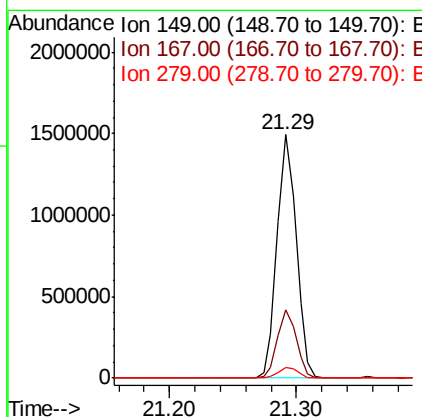
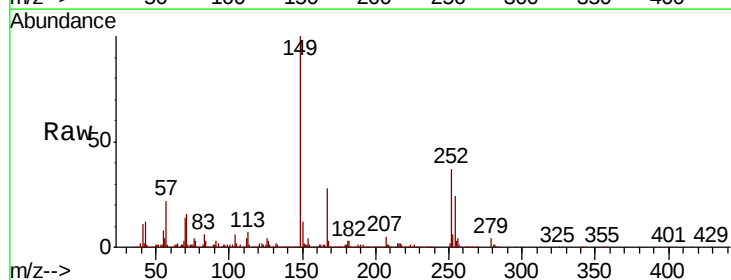
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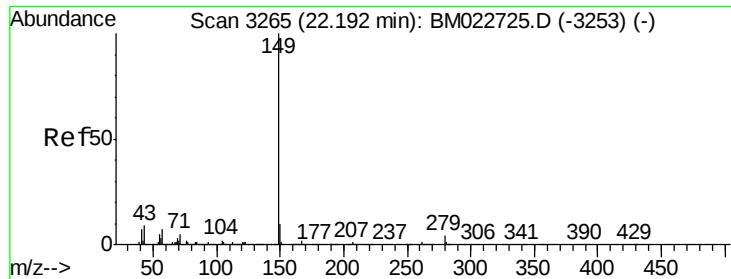
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.741 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM022771.D
 Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.3	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 51.445 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

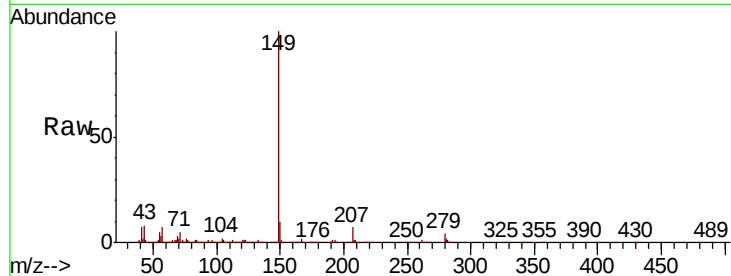
ClientSampled :

PB123298BS

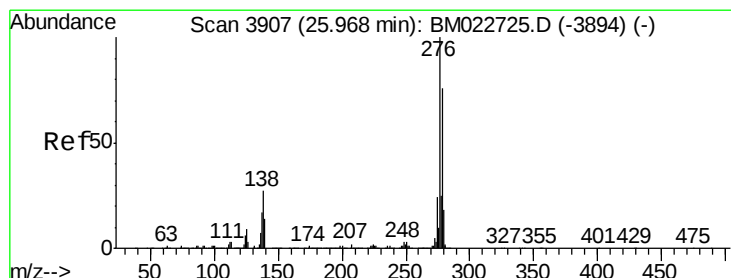
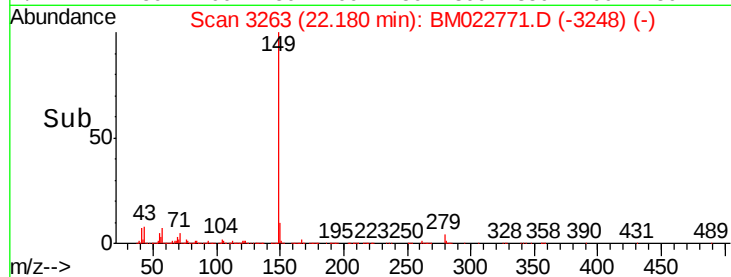
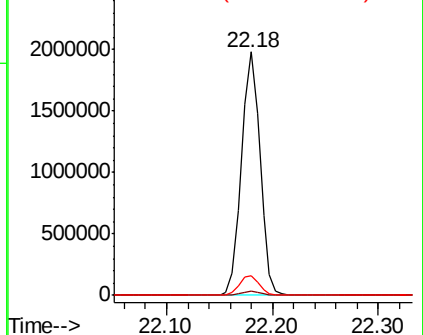
Tot Ion:	149	Resp:	2395751
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.5	7.4	11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.171 ng

RT: 25.96 min Scan# 3905

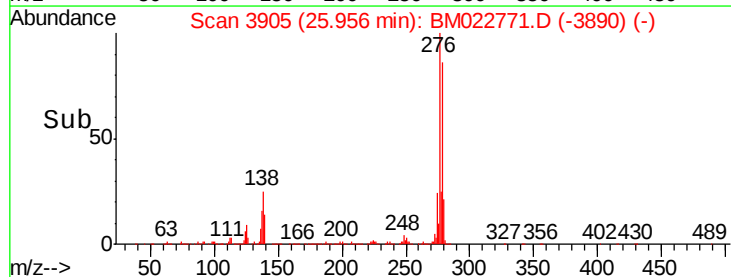
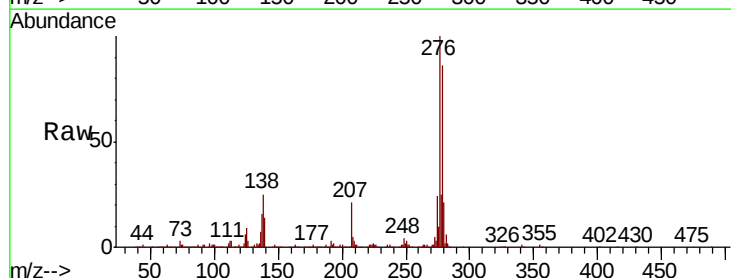
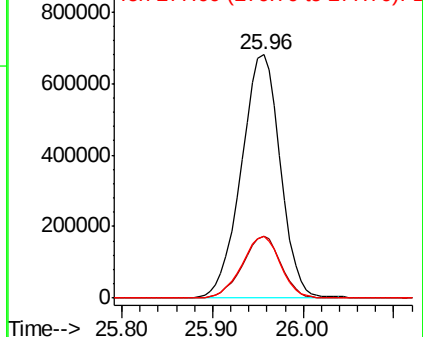
Delta R.T. -0.01 min

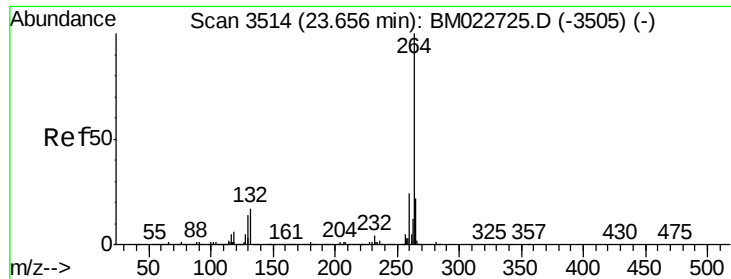
Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	276	Resp:	2029074
Ion Ratio	Lower	Upper	
276	100		
138	25.4	0.0	0.0#
277	25.3	0.0	0.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Instrument :

BNA_M

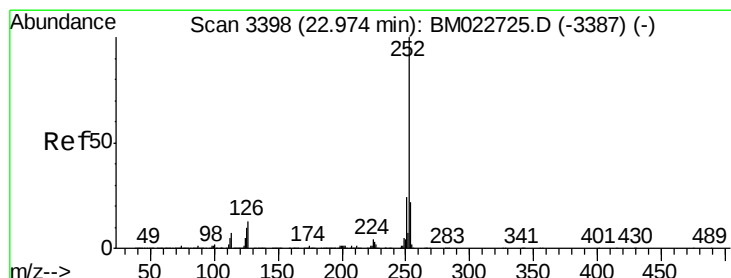
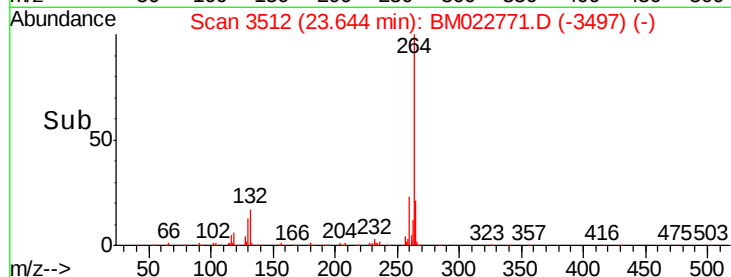
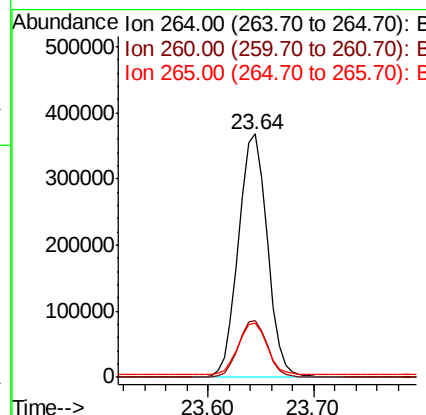
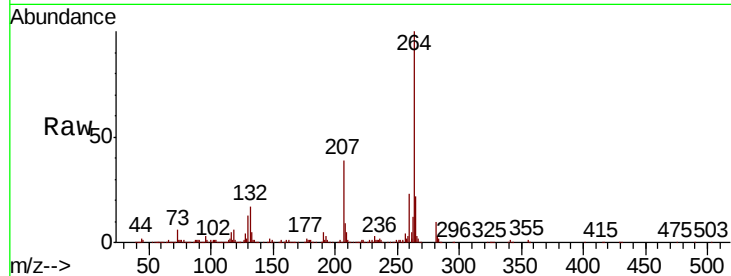
ClientSampleId :

PB123298BS

Tot Ion:	264	Resp:	698960
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.2	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 47.644 ng

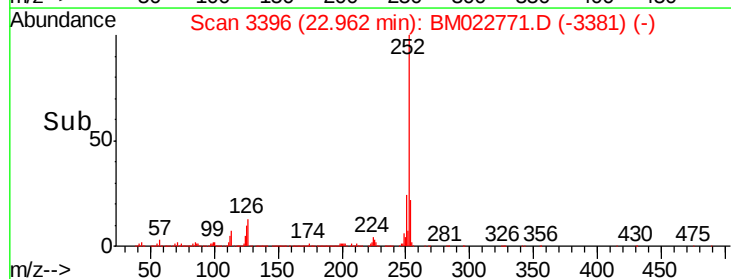
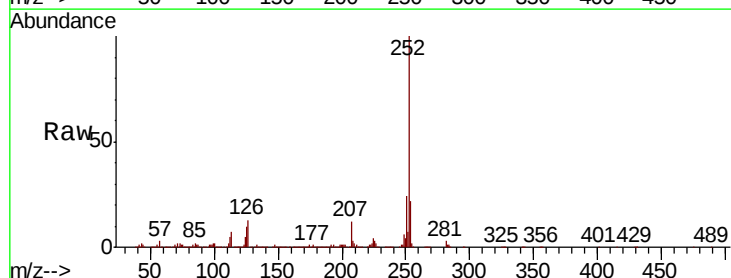
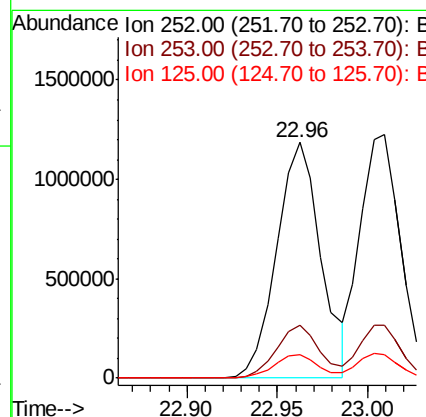
RT: 22.96 min Scan# 3396

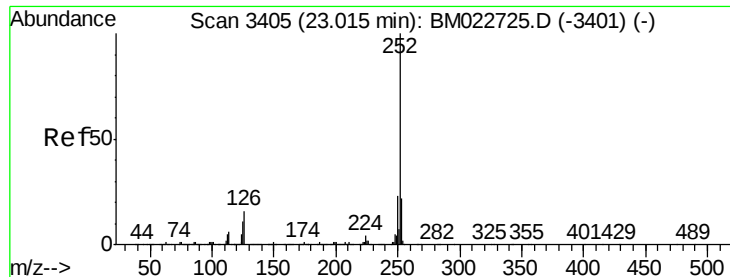
Delta R.T. -0.01 min

Lab File: BM022771.D

Acq: 25 Sep 2019 14:50

Tgt Ion:	252	Resp:	2016280
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.9	8.2	12.4





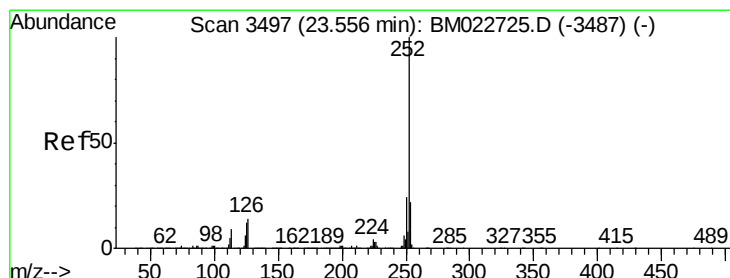
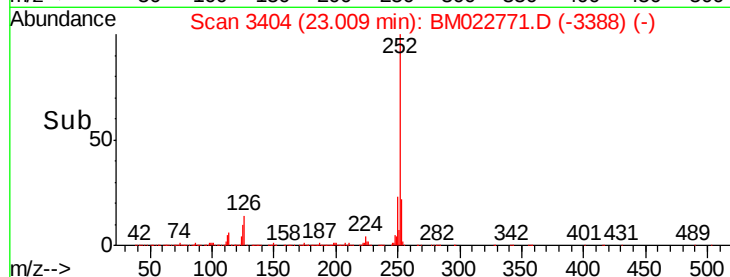
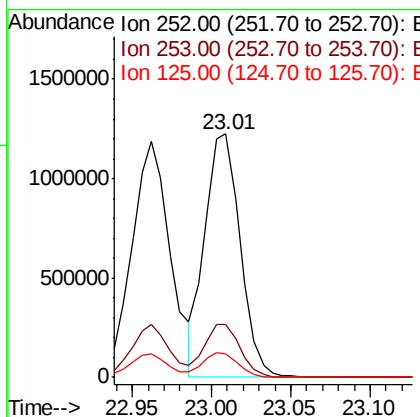
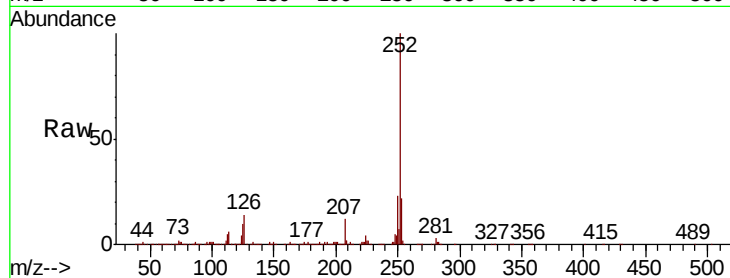
#89
Benzo(k)fluoranthene
Concen: 45.143 ng
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.7	8.5	12.7

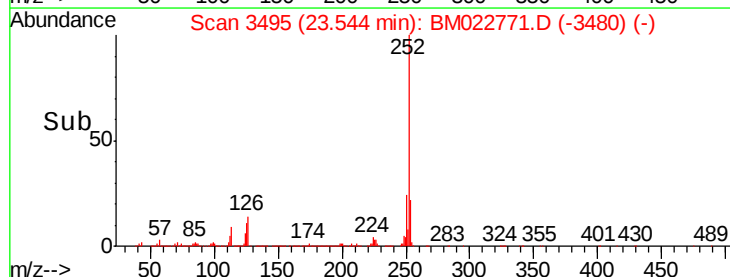
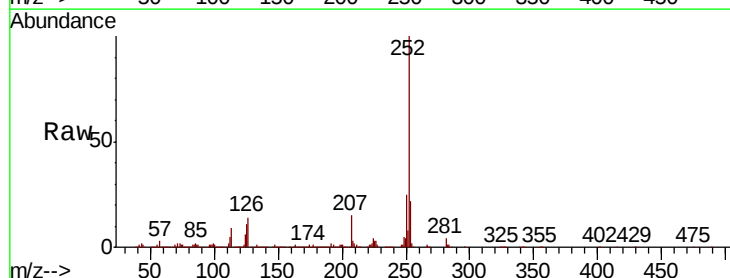
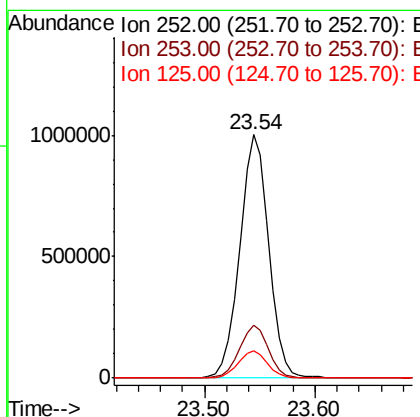
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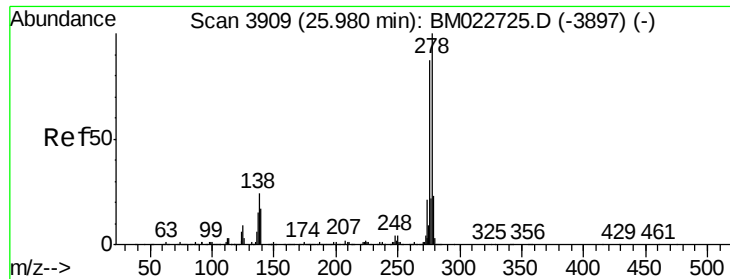
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#90
Benzo(a)pyrene
Concen: 47.228 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.3	9.3	13.9





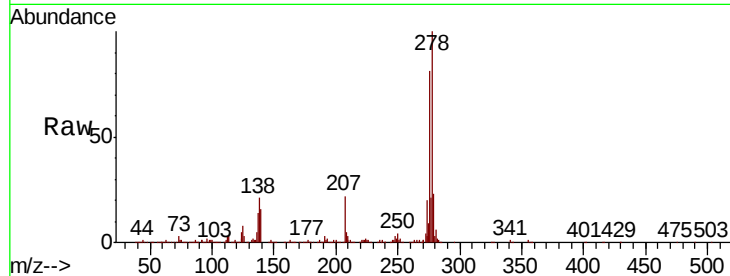
#91
Dibenzo(a,h)anthracene
Concen: 42.489 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.7	20.5
279	23.5	18.6	28.0

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mohammad
9/26/2019 3:54:46 PM

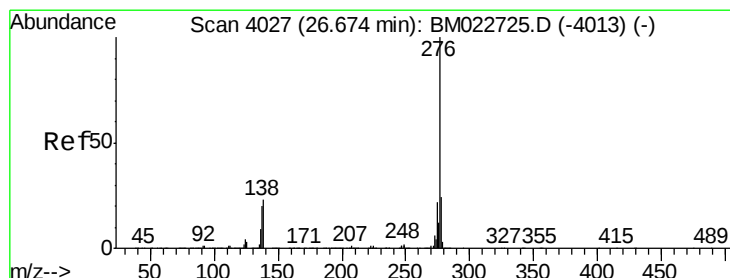
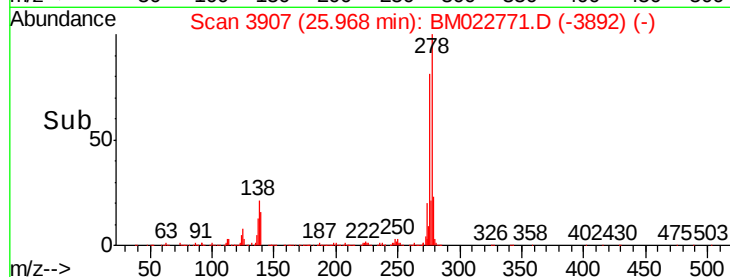
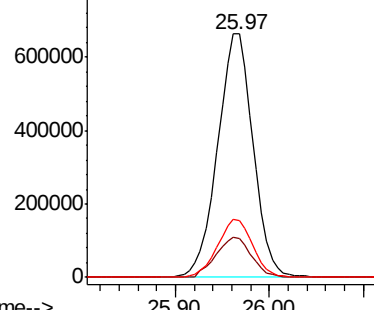


Abundance

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: 42.781 ng
RT: 26.66 min Scan# 4025
Delta R.T. -0.01 min
Lab File: BM022771.D
Acq: 25 Sep 2019 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	21.8	18.5	27.7

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

